

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131724.D
 Acq On : 20 Dec 2022 21:11
 Operator : CG\JU
 Sample : N6097-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP1-COMP-01MSD

Quant Time: Dec 21 04:48:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	85224	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	316733	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	183995	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	358391	20.000	ng	0.00
76) Chrysene-d12	14.062	240	170061	20.000	ng	0.00
86) Perylene-d12	15.556	264	175449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	684532	135.252	ng	0.02
7) Phenol-d6	6.504	99	859549	126.179	ng	0.00
23) Nitrobenzene-d5	7.439	82	674858	86.498	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	298369	148.155	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1165219	88.713	ng	0.00
79) Terphenyl-d14	13.004	244	1305660	119.657	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.781	88	97196	41.096	ng	Qvalue # 84
3) Pyridine	3.498	79	235738	34.955	ng	98
4) n-Nitrosodimethylamine	3.446	42	133245	43.670	ng	96
6) Aniline	6.528	93	190903	22.700	ng	# 82
8) 2-Chlorophenol	6.651	128	248208	45.660	ng	98
9) Benzaldehyde	6.422	77	124273	30.103	ng	99
10) Phenol	6.516	94	316794	38.950	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	274406	47.147	ng	98
12) 1,3-Dichlorobenzene	6.804	146	246521	40.118	ng	98
13) 1,4-Dichlorobenzene	6.886	146	252873	40.259	ng	100
14) 1,2-Dichlorobenzene	7.039	146	245543	41.752	ng	97
15) Benzyl Alcohol	7.016	79	279655	45.962	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	333282	44.908	ng	97
17) 2-Methylphenol	7.128	107	220901	43.045	ng	97
18) Hexachloroethane	7.381	117	98776	39.671	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	221046	44.992	ng	98
20) 3+4-Methylphenols	7.281	107	281737	42.656	ng	93
22) Acetophenone	7.281	105	406600	43.990	ng	# 93
24) Nitrobenzene	7.457	77	338933	42.732	ng	97
25) Isophorone	7.698	82	617447	46.600	ng	99
26) 2-Nitrophenol	7.775	139	137573	44.381	ng	95
27) 2,4-Dimethylphenol	7.810	122	226122	51.217	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	342019	48.609	ng	99
29) 2,4-Dichlorophenol	8.016	162	235402	44.166	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	264344	42.188	ng	99
31) Naphthalene	8.180	128	720817	41.671	ng	99
32) Benzoic acid	7.922	122	81373m	23.025	ng	
33) 4-Chloroaniline	8.228	127	78962	11.705	ng	98
34) Hexachlorobutadiene	8.292	225	167643	39.767	ng	98
35) Caprolactam	8.610	113	60462m	37.621	ng	
36) 4-Chloro-3-methylphenol	8.722	107	273209	44.873	ng	96
37) 2-Methylnaphthalene	8.875	142	498438	42.243	ng	100
38) 1-Methylnaphthalene	8.975	142	465251	40.712	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	287904	45.735	ng	99
41) Hexachlorocyclopentadiene	9.022	237	280685	98.417	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	185058	45.003	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	201095	45.173	ng	94
46) 1,1'-Biphenyl	9.339	154	650130	46.975	ng	100
47) 2-Chloronaphthalene	9.369	162	512064	45.184	ng	99
48) 2-Nitroaniline	9.469	65	183963	45.037	ng	99
49) Acenaphthylene	9.786	152	774307	45.553	ng	99
50) Dimethylphthalate	9.645	163	643123	46.453	ng	99
51) 2,6-Dinitrotoluene	9.710	165	142296	47.799	ng	99
52) Acenaphthene	9.957	154	468050	44.949	ng	99
53) 3-Nitroaniline	9.880	138	76643	25.162	ng	92
54) 2,4-Dinitrophenol	9.986	184	82520	46.262	ng	100
55) Dibenzofuran	10.127	168	721562	45.190	ng	99
56) 4-Nitrophenol	10.051	139	170060	78.005	ng	92
57) 2,4-Dinitrotoluene	10.116	165	186784	46.693	ng	98
58) Fluorene	10.474	166	574303	44.486	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	169199	45.527	ng	# 87
60) Diethylphthalate	10.345	149	616416	46.207	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	317943	46.338	ng	99
62) 4-Nitroaniline	10.504	138	122009	39.799	ng	97
63) Azobenzene	10.627	77	666223	45.478	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	74399	30.236	ng	98
66) n-Nitrosodiphenylamine	10.586	169	497444	44.758	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	193582	45.733	ng	96
68) Hexachlorobenzene	11.016	284	208799	44.851	ng	100
69) Atrazine	11.116	200	186924	50.455	ng	100
70) Pentachlorophenol	11.216	266	205132	83.021	ng	97
71) Phenanthrene	11.439	178	840281	42.997	ng	100
72) Anthracene	11.492	178	855268	44.697	ng	99
73) Carbazole	11.651	167	700722	42.327	ng	100
74) Di-n-butylphthalate	11.974	149	913644	44.322	ng	100
75) Fluoranthene	12.633	202	871437	40.039	ng	98
77) Benzidine	12.751	184	120667	38.696	ng	100
78) Pyrene	12.863	202	851490	55.071	ng	100
80) Butylbenzylphthalate	13.480	149	298903	54.811	ng	98
81) Benzo(a)anthracene	14.051	228	557558	45.523	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	92014	26.908	ng	99
83) Chrysene	14.092	228	530209	45.865	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	359161	55.233	ng	99
85) Di-n-octyl phthalate	14.657	149	503918	55.515	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	620519	52.655	ng	100
88) Benzo(b)fluoranthene	15.115	252	513047	41.332	ng	99
89) Benzo(k)fluoranthene	15.151	252	494383	40.817	ng	99
90) Benzo(a)pyrene	15.498	252	458677	46.650	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	515996	52.983	ng	98
92) Benzo(g,h,i)perylene	17.533	276	501173	52.065	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

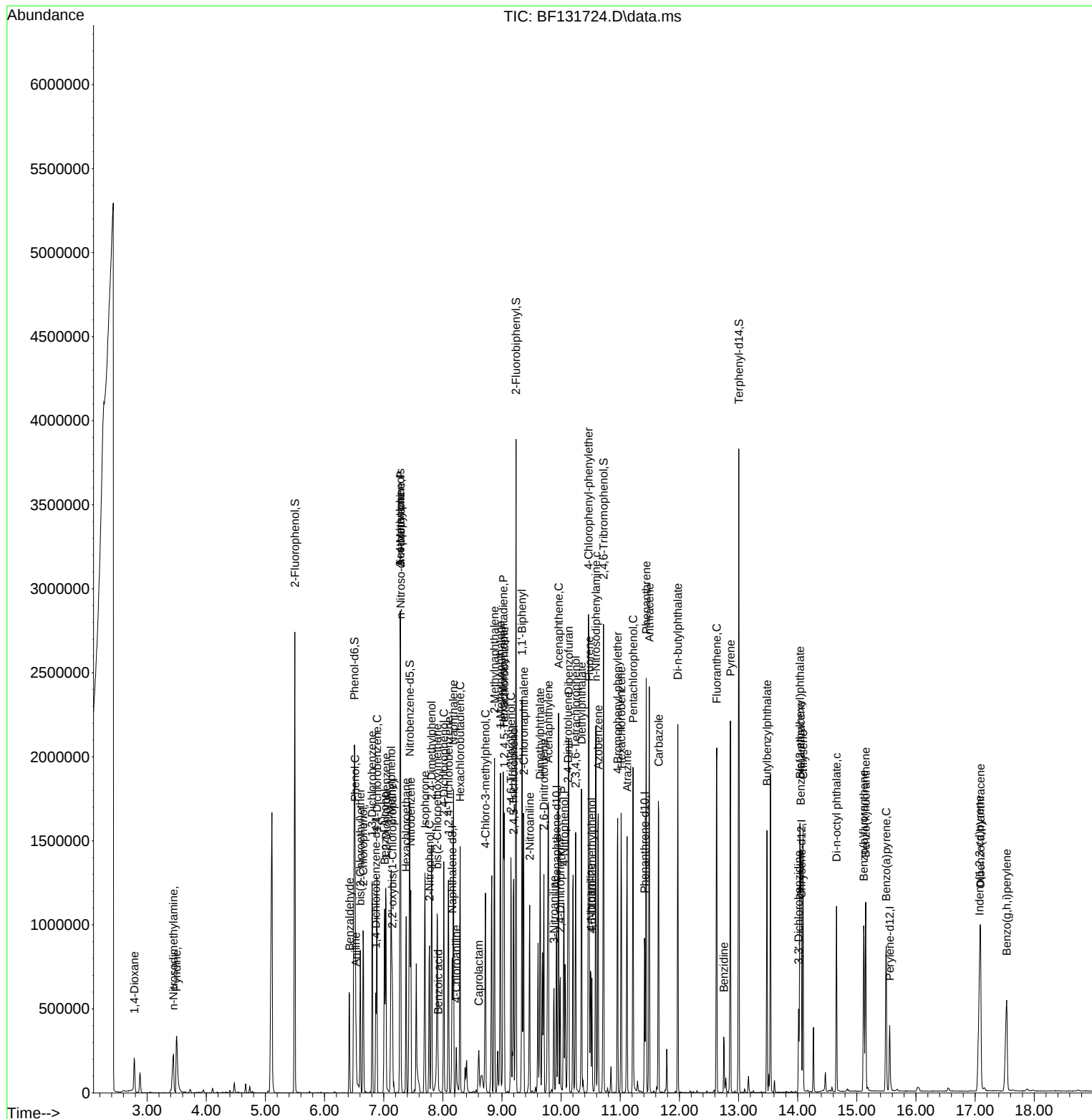
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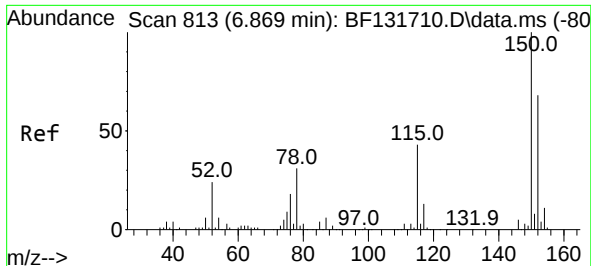
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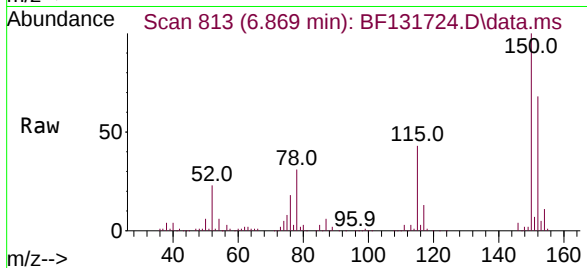
Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131724.D
 Acq: 20 Dec 2022 21:11

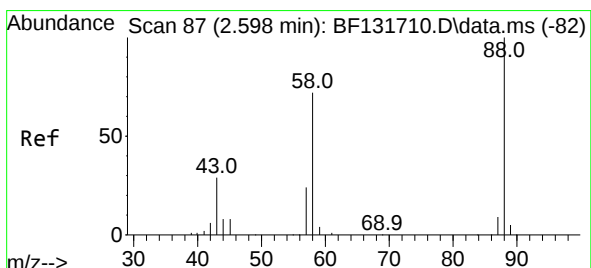
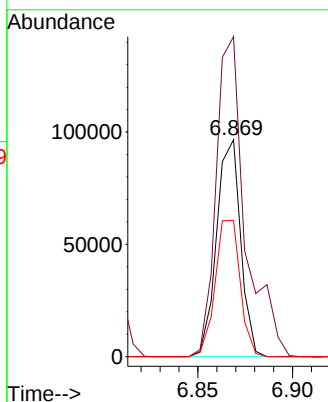
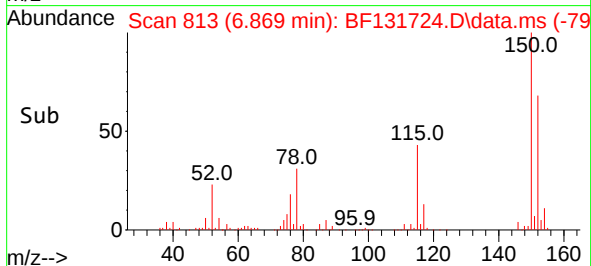
Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP1-COMP-01MSD



Tgt Ion:152 Resp: 85224
 Ion Ratio Lower Upper
 152 100
 150 147.5 117.4 176.0
 115 62.8 50.2 75.4

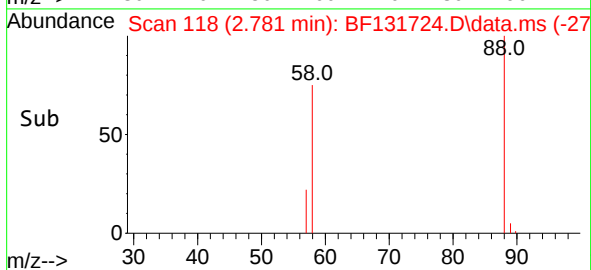
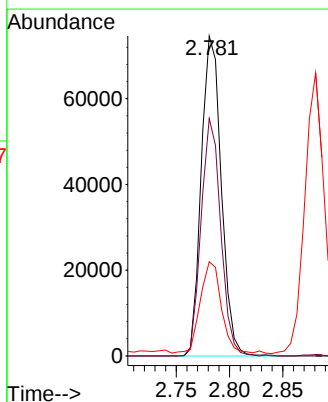
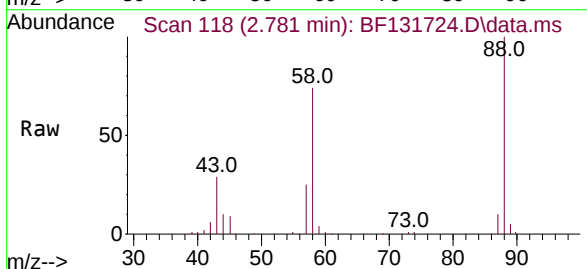
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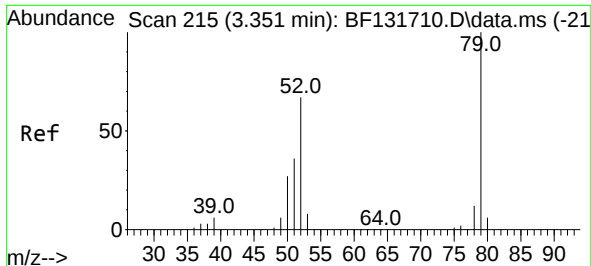
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#2
 1,4-Dioxane
 Concen: 41.096 ng
 RT: 2.781 min Scan# 118
 Delta R.T. 0.182 min
 Lab File: BF131724.D
 Acq: 20 Dec 2022 21:11

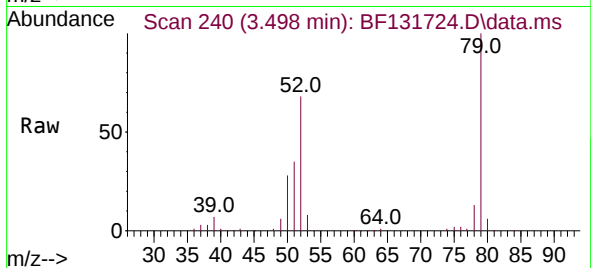
Tgt Ion: 88 Resp: 97196
 Ion Ratio Lower Upper
 88 100
 58 72.7 57.5 86.3
 43 0.0 23.3 34.9#





#3
Pyridine
Concen: 34.955 ng
RT: 3.498 min Scan# 24
Delta R.T. 0.147 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

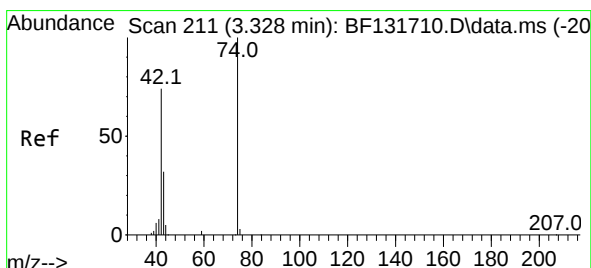
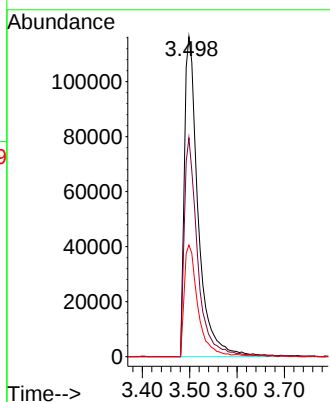
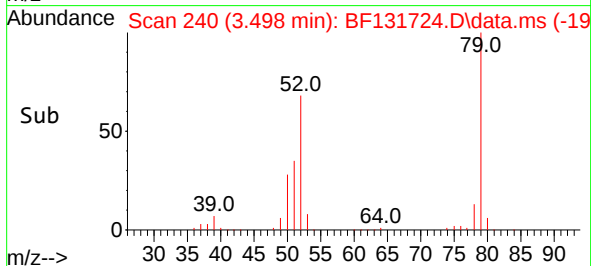
Instrument :
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ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion: 79 Resp: 235738
Ion Ratio Lower Upper
79 100
52 68.4 53.7 80.5
51 34.8 28.6 42.8

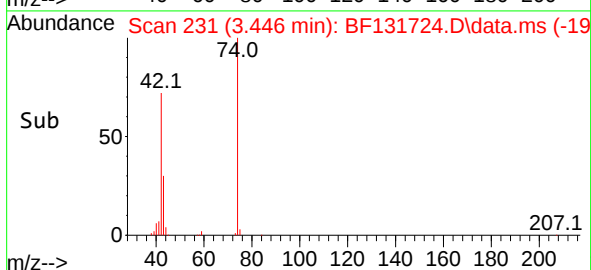
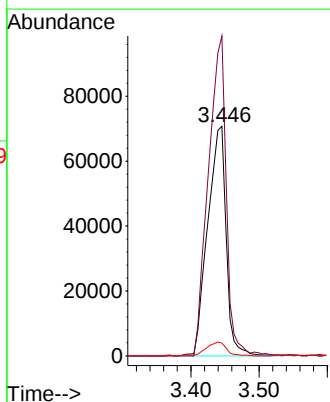
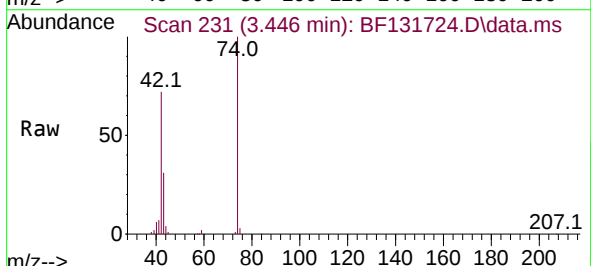
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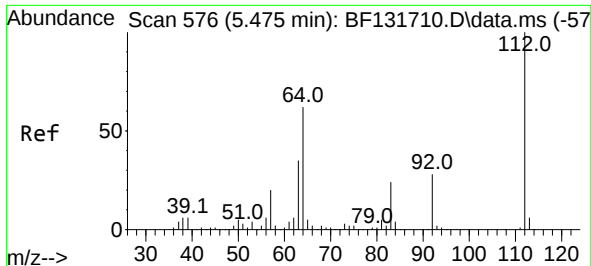
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Supervised By :Jagrut Upadhyay 12/21/2022



#4
n-Nitrosodimethylamine
Concen: 43.670 ng
RT: 3.446 min Scan# 231
Delta R.T. 0.118 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion: 42 Resp: 133245
Ion Ratio Lower Upper
42 100
74 139.5 107.8 161.8
44 5.6 5.5 8.3





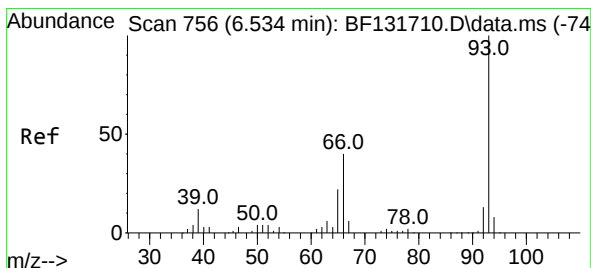
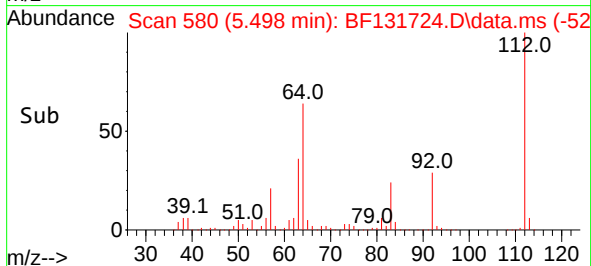
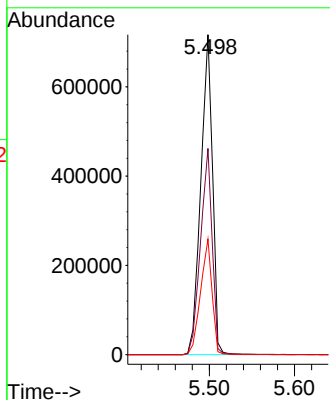
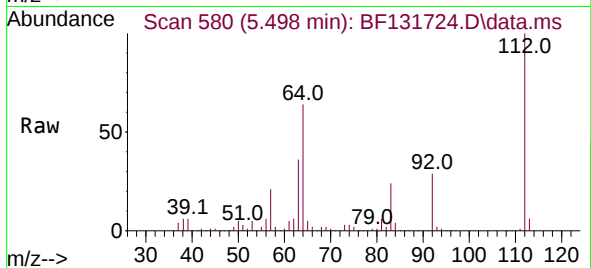
#5
2-Fluorophenol
Concen: 135.252 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Instrument :
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ClientSampleId :
FVSUB-TP1-COMP-01MSD

Tgt Ion:112 Resp: 684532
Ion Ratio Lower Upper
112 100
64 64.4 49.5 74.3
63 36.1 28.2 42.2

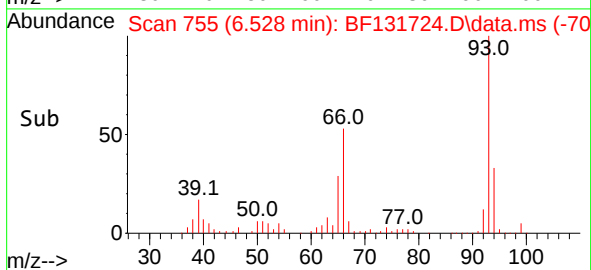
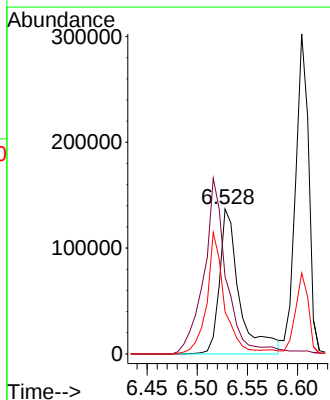
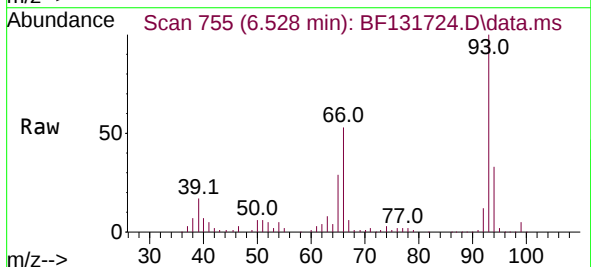
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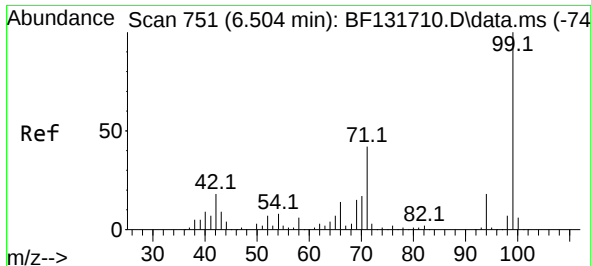
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#6
Aniline
Concen: 22.700 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

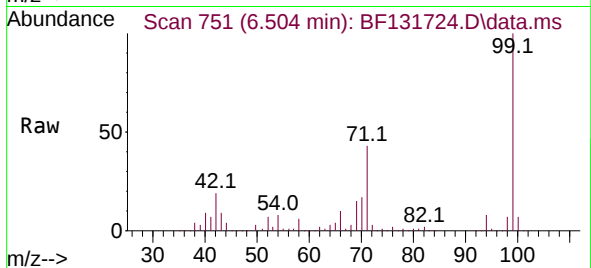
Tgt Ion: 93 Resp: 190903
Ion Ratio Lower Upper
93 100
66 53.1 32.8 49.2#
65 28.9 17.4 26.2#





#7
Phenol-d6
Concen: 126.179 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131724.D
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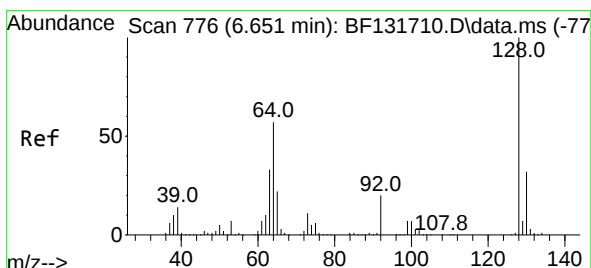
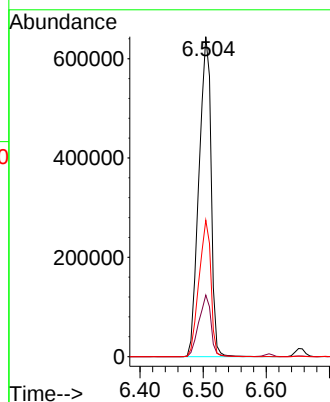
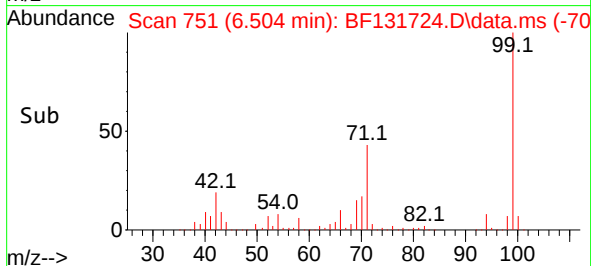
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Tgt Ion: 99 Resp: 859549
Ion Ratio Lower Upper
99 100
42 19.2 14.8 22.2
71 42.7 33.8 50.6

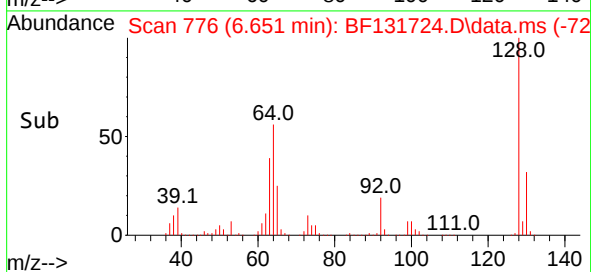
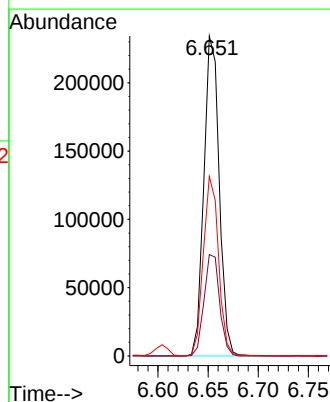
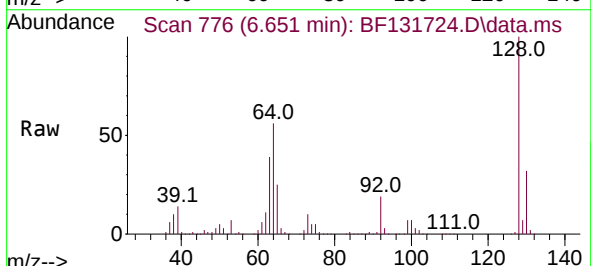
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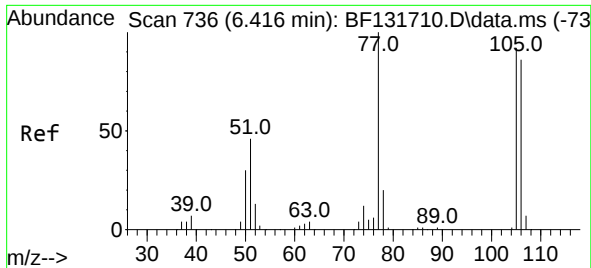
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#8
2-Chlorophenol
Concen: 45.660 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion:128 Resp: 248208
Ion Ratio Lower Upper
128 100
130 31.7 12.0 52.0
64 56.1 37.7 77.7





#9

Benzaldehyde

Concen: 30.103 ng

RT: 6.422 min Scan# 736

Delta R.T. 0.006 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

Instrument :

BNA_F

ClientSampleId :

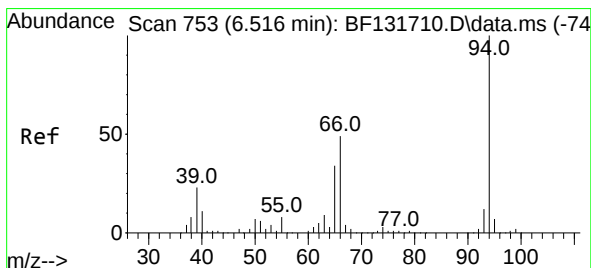
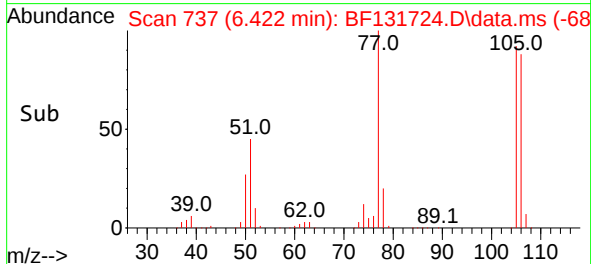
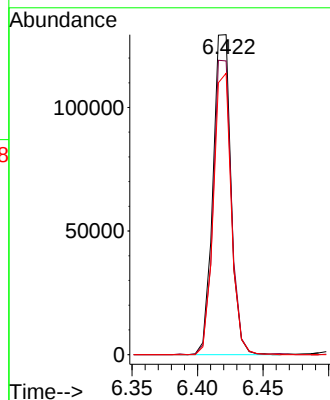
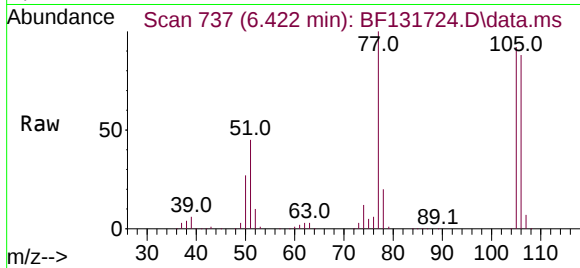
FVSUB-TP1-COMP-01MSD

Tgt Ion: 77	Resp: 124273
Ion Ratio	Lower Upper
77 100	
105 91.8	72.4 112.4
106 87.9	66.5 106.5

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#10

Phenol

Concen: 38.950 ng

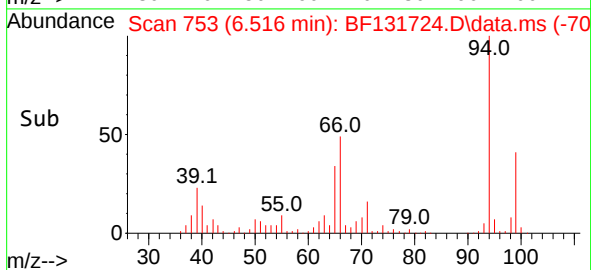
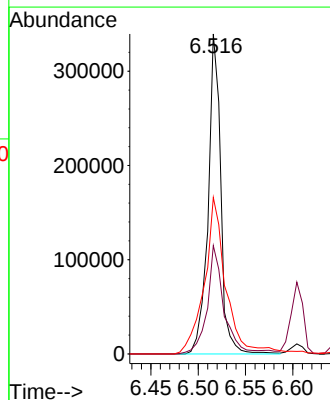
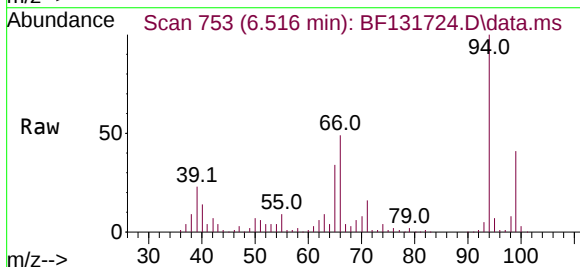
RT: 6.516 min Scan# 753

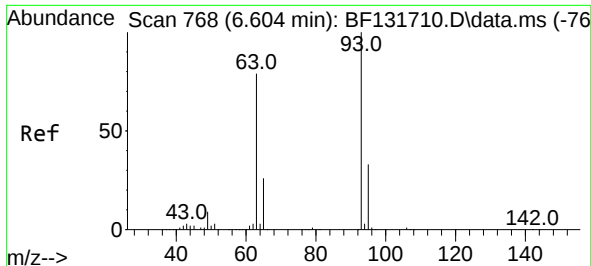
Delta R.T. 0.000 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

Tgt Ion: 94	Resp: 316794
Ion Ratio	Lower Upper
94 100	
65 33.8	14.0 54.0
66 48.9	28.8 68.8





#11

bis(2-Chloroethyl)ether

Concen: 47.147 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

Instrument :

BNA_F

ClientSampleId :

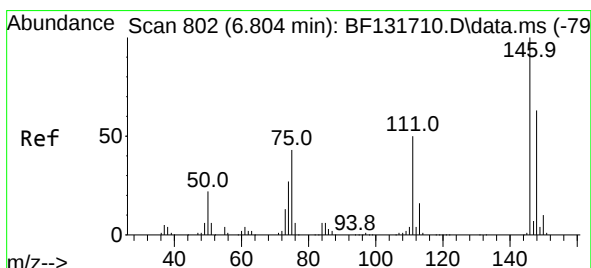
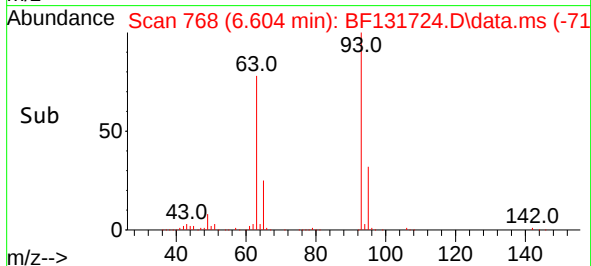
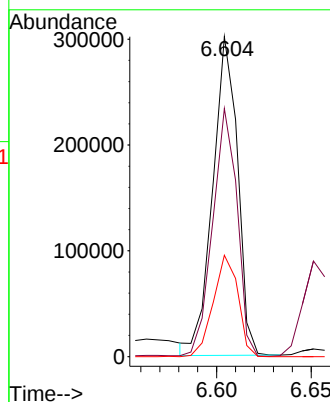
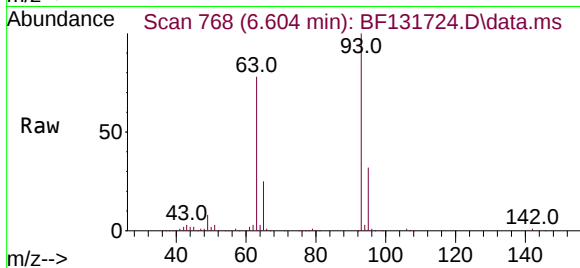
FVSUB-TP1-COMP-01MSD

Tgt Ion: 93 Resp: 274406

Ion	Ratio	Lower	Upper
93	100		
63	77.5	59.0	99.0
95	31.7	12.6	52.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#12

1,3-Dichlorobenzene

Concen: 40.118 ng

RT: 6.804 min Scan# 802

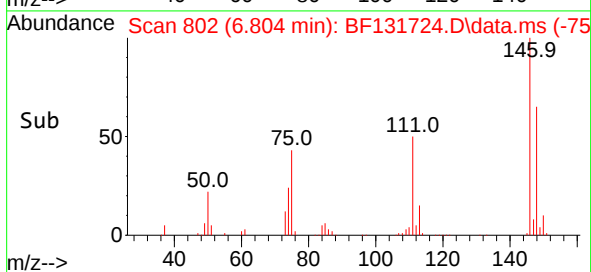
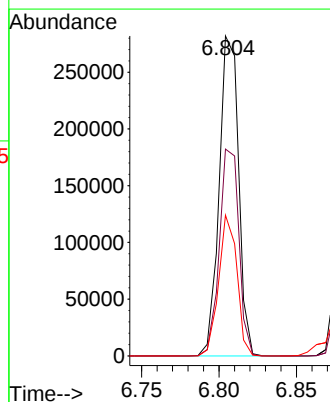
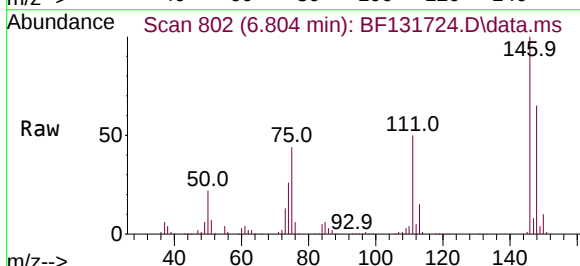
Delta R.T. 0.000 min

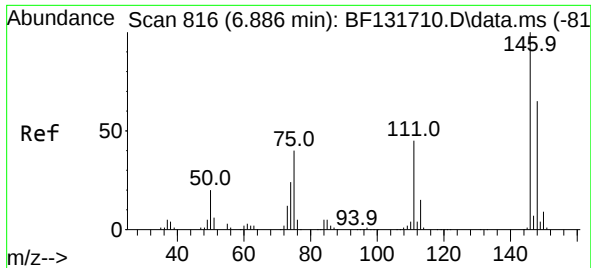
Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

Tgt Ion:146 Resp: 246521

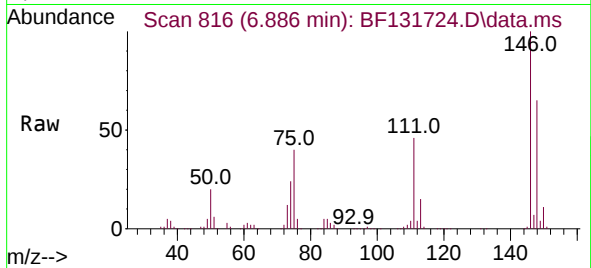
Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	76.0
75	44.0	34.3	51.5





#13
1,4-Dichlorobenzene
Concen: 40.259 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

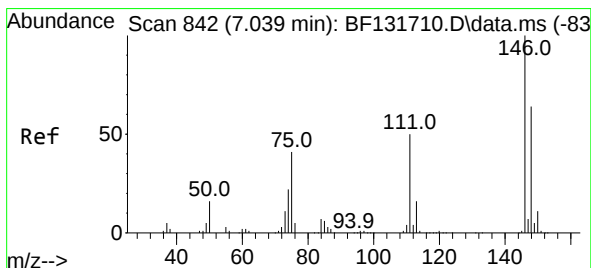
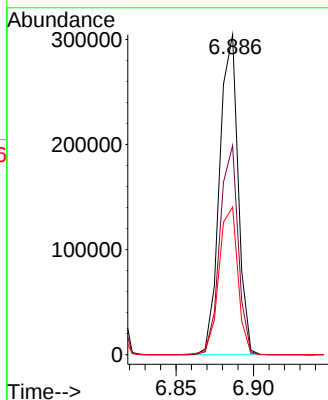
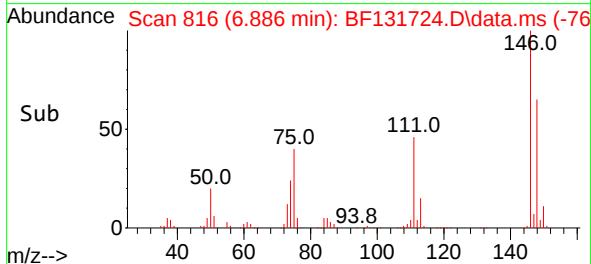
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



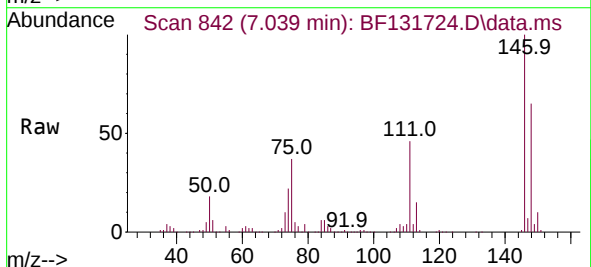
Tgt Ion:146 Resp: 252873
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.4
111 46.1 36.4 54.6

Manual Integrations
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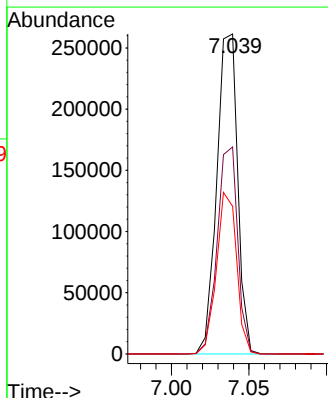
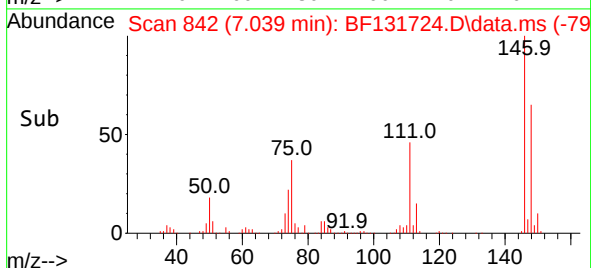
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

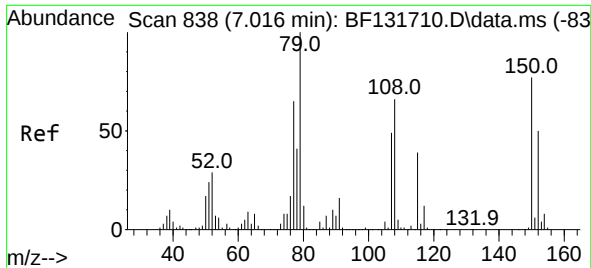


#14
1,2-Dichlorobenzene
Concen: 41.752 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11



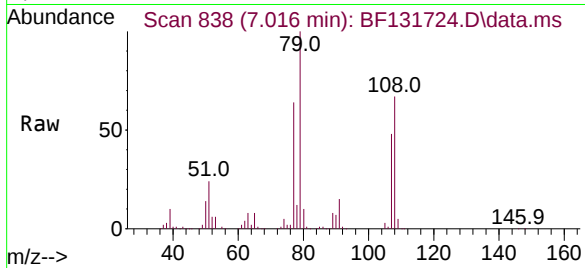
Tgt Ion:146 Resp: 245543
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
111 46.1 39.8 59.6





#15
Benzyl Alcohol
Concen: 45.962 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

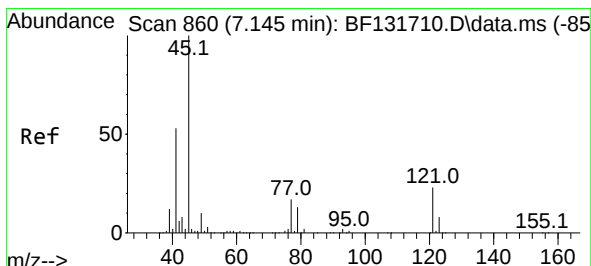
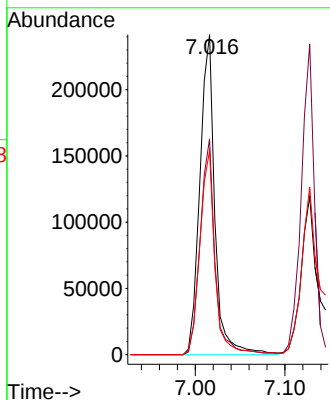
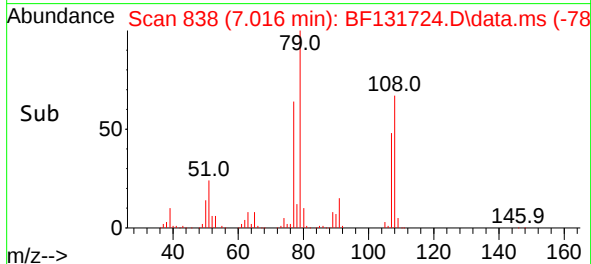
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion: 79 Resp: 279655
Ion Ratio Lower Upper
79 100
108 67.4 52.6 78.8
77 63.7 51.7 77.5

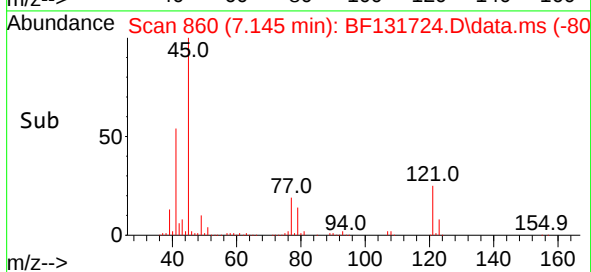
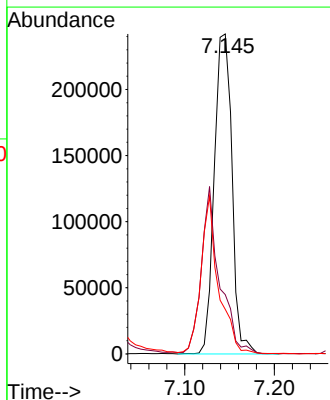
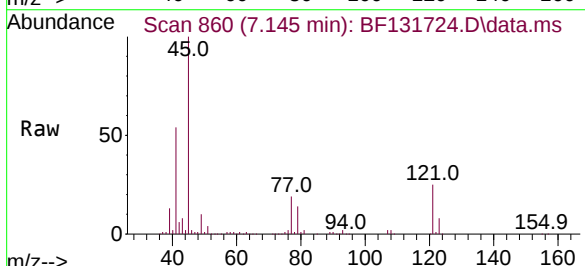
Manual Integrations
APPROVED

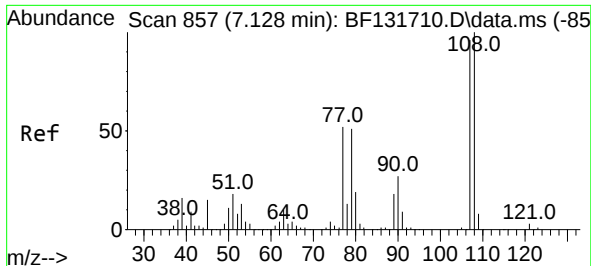
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.908 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

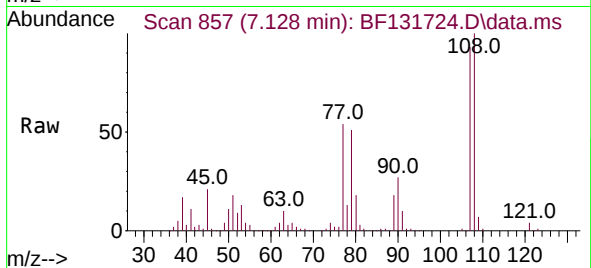
Tgt Ion: 45 Resp: 333282
Ion Ratio Lower Upper
45 100
77 18.5 0.0 36.8
79 13.9 0.0 33.1





#17
2-Methylphenol
Concen: 43.045 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

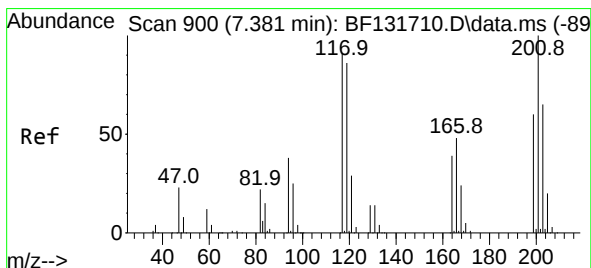
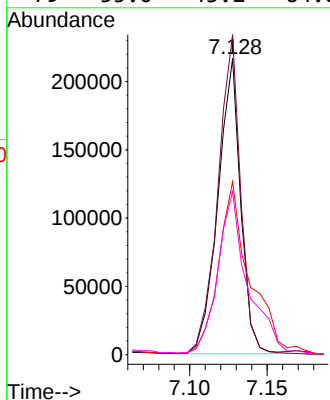
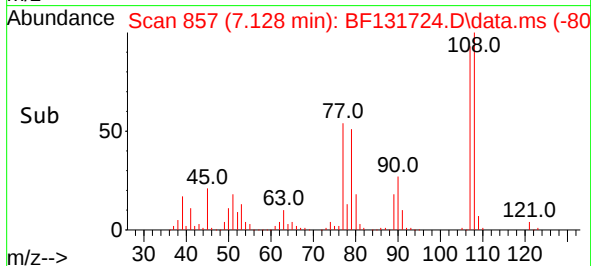
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:107 Resp: 22090
Ion Ratio Lower Upper
107 100
108 108.1 83.8 125.6
77 58.4 43.8 65.8
79 55.0 43.2 64.8

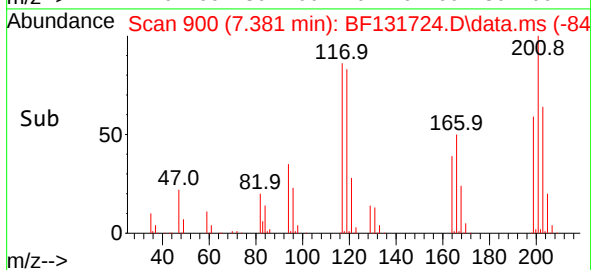
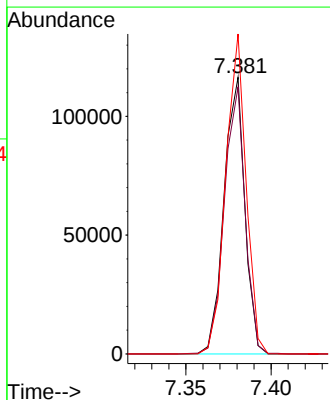
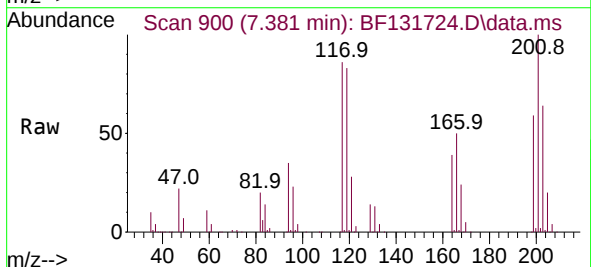
Manual Integrations
APPROVED

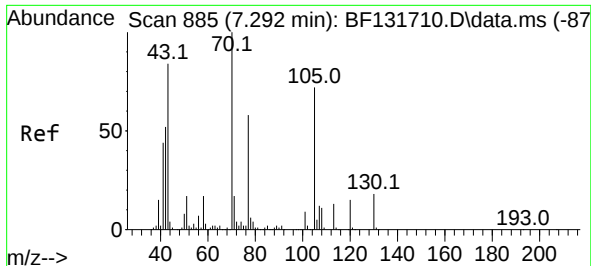
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#18
Hexachloroethane
Concen: 39.671 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion:117 Resp: 98776
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 115.7 88.2 132.4





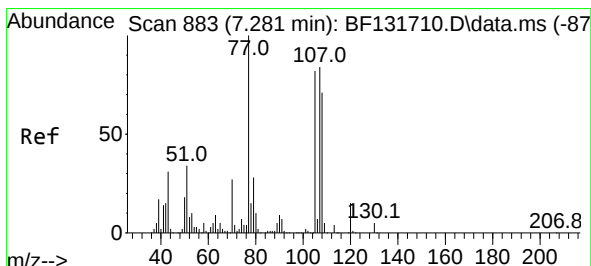
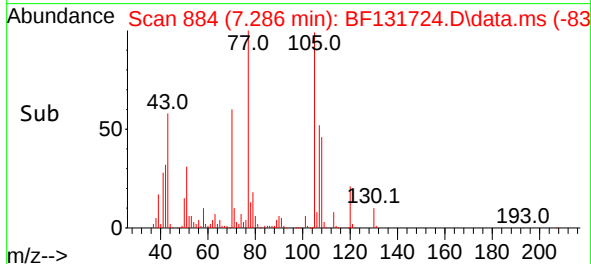
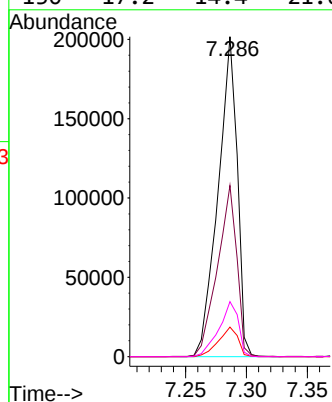
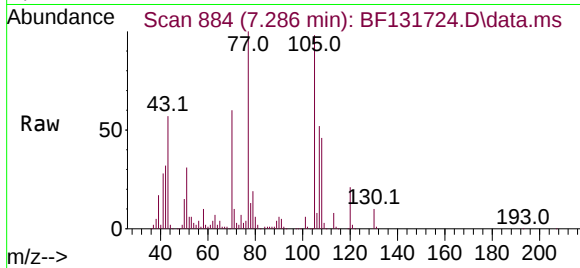
#19
n-Nitroso-di-n-propylamine
Concen: 44.992 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD

Tgt Ion: 70 Resp: 221046
Ion Ratio Lower Upper
70 100
42 53.5 41.5 62.3
101 9.2 7.3 10.9
130 17.2 14.4 21.6

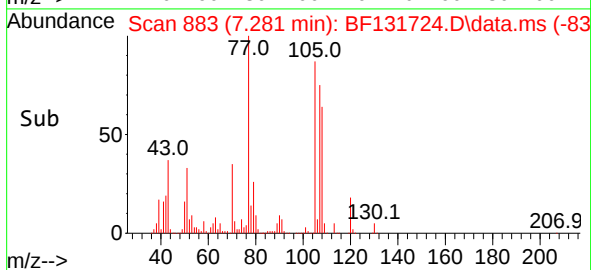
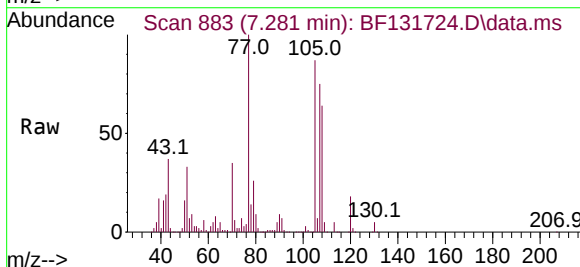
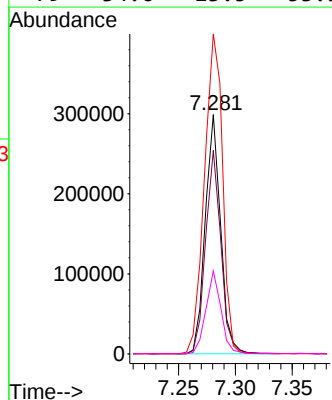
Manual Integrations
APPROVED

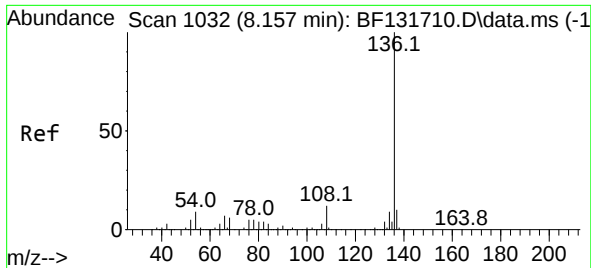
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#20
3+4-Methylphenols
Concen: 42.656 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

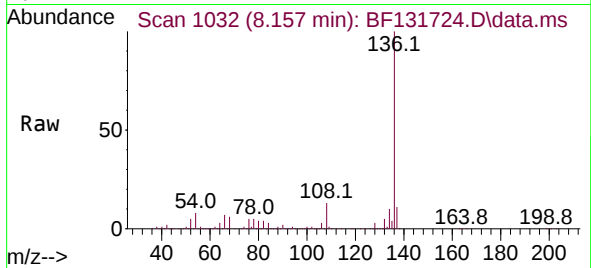
Tgt Ion:107 Resp: 281737
Ion Ratio Lower Upper
107 100
108 85.0 65.2 105.2
77 133.7 99.6 139.6
79 34.6 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

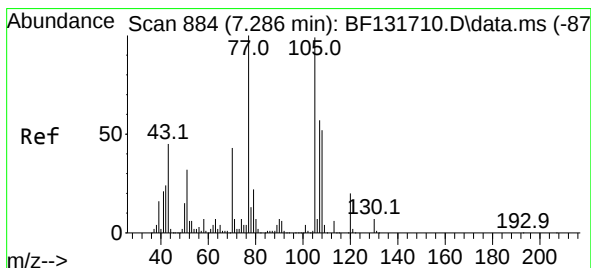
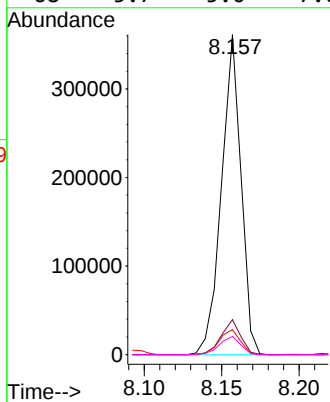
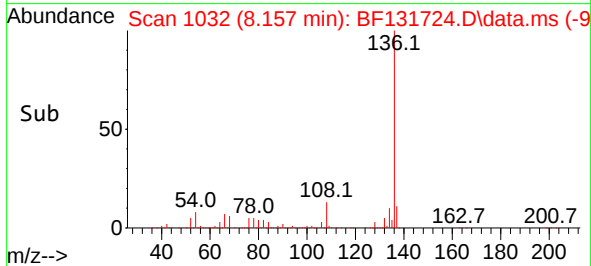
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:136 Resp: 316733
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.8 7.2 10.8
68 5.7 5.0 7.6

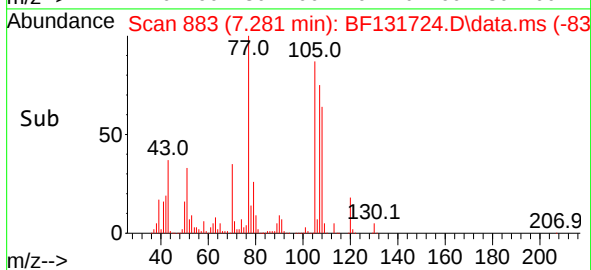
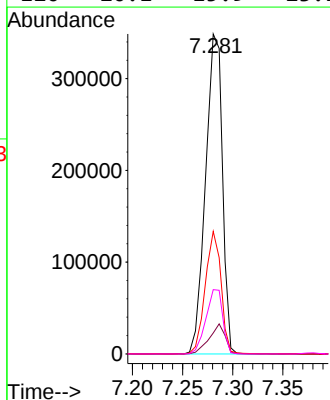
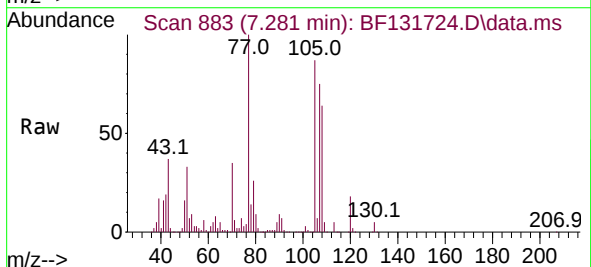
Manual Integrations
APPROVED

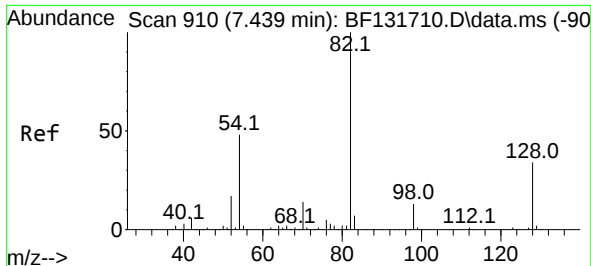
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#22
Acetophenone
Concen: 43.990 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion:105 Resp: 406600
Ion Ratio Lower Upper
105 100
71 6.5 5.5 8.3
51 38.3 25.5 38.3#
120 20.1 15.9 23.9





#23

Nitrobenzene-d5

Concen: 86.498 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

Instrument :

BNA_F

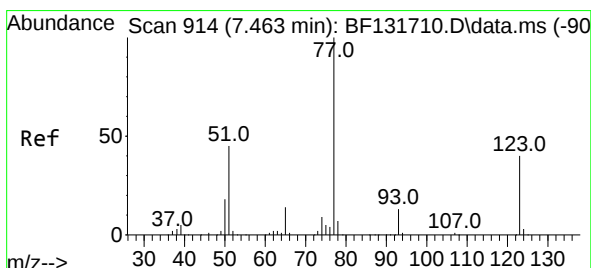
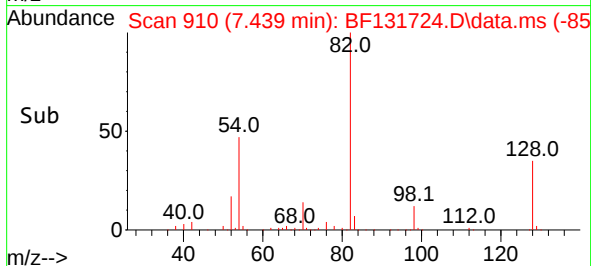
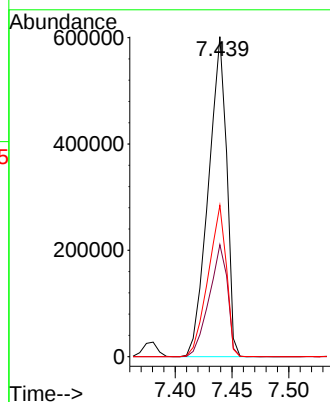
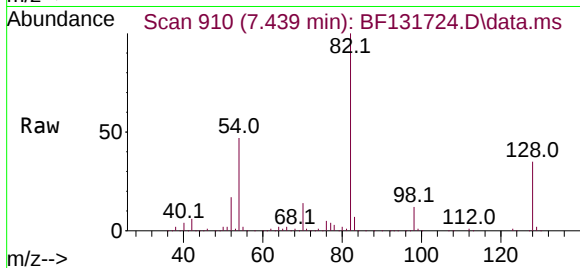
ClientSampleId :

FVSUB-TP1-COMP-01MSD

Tgt Ion: 82 Resp: 674858
 Ion Ratio Lower Upper
 82 100
 128 35.0 27.3 40.9
 54 47.3 38.2 57.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022



#24

Nitrobenzene

Concen: 42.732 ng

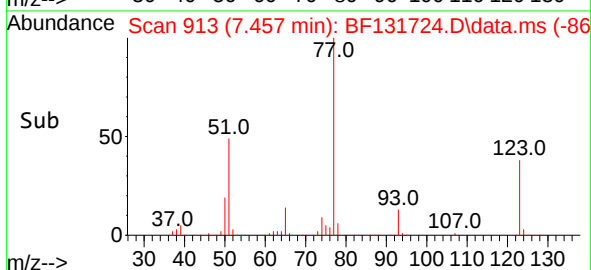
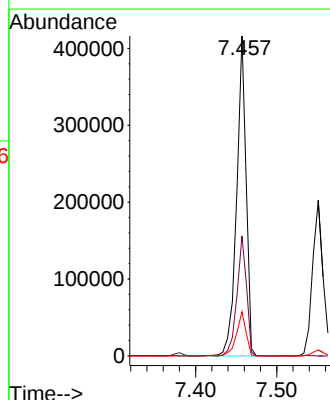
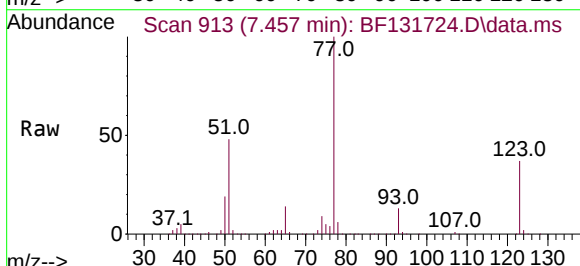
RT: 7.457 min Scan# 913

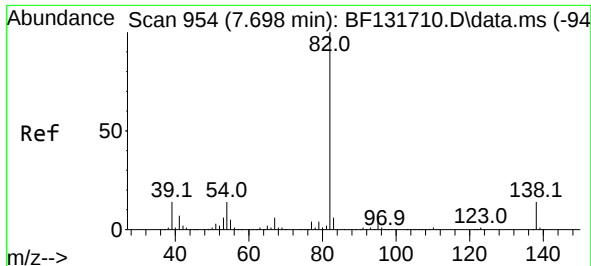
Delta R.T. -0.006 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

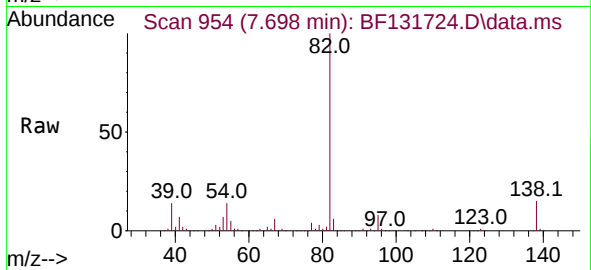
Tgt Ion: 77 Resp: 338933
 Ion Ratio Lower Upper
 77 100
 123 37.4 31.8 47.6
 65 13.8 10.9 16.3





#25
Isophorone
Concen: 46.600 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

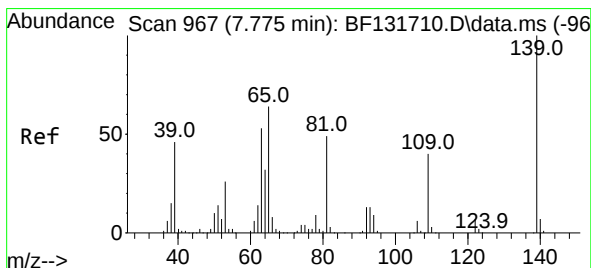
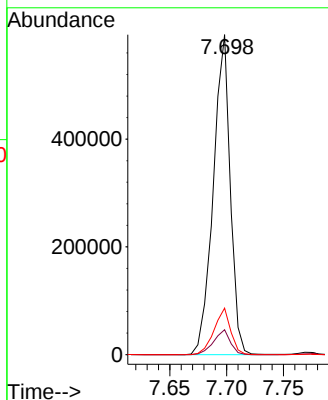
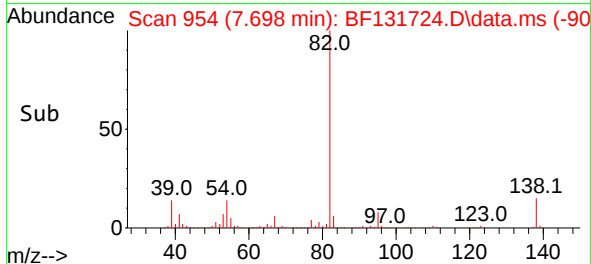
Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01MSD



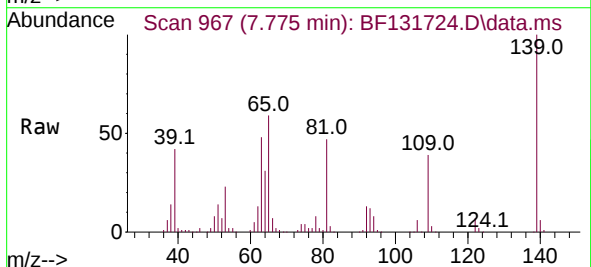
Tgt Ion: 82 Resp: 61744
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 14.5 11.6 17.4

Manual Integrations
APPROVED

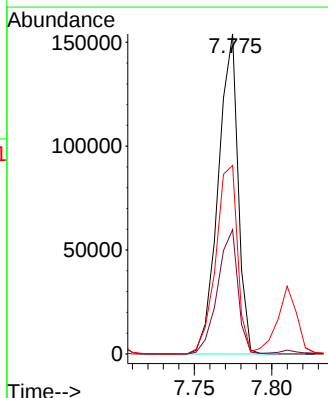
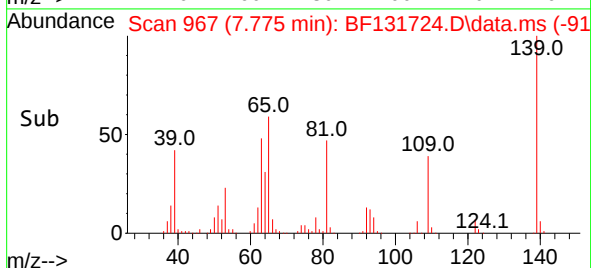
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

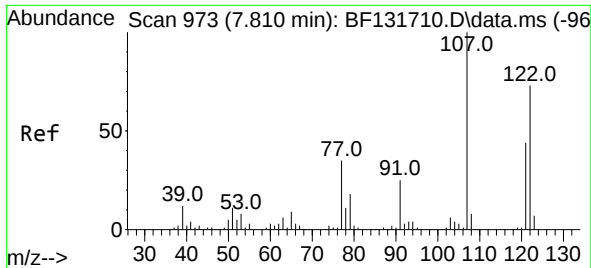


#26
2-Nitrophenol
Concen: 44.381 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11



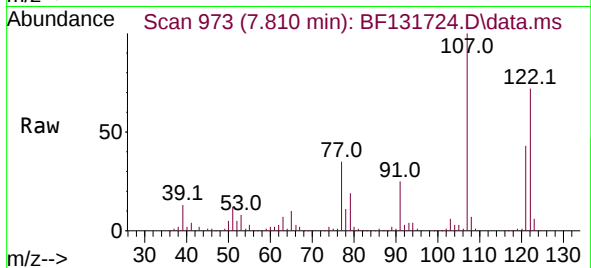
Tgt Ion:139 Resp: 137573
Ion Ratio Lower Upper
139 100
109 38.8 31.8 47.6
65 58.9 51.4 77.0





#27
2,4-Dimethylphenol
Concen: 51.217 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

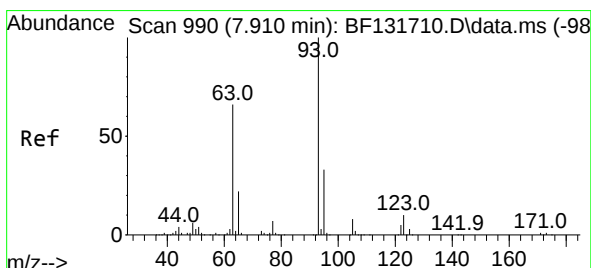
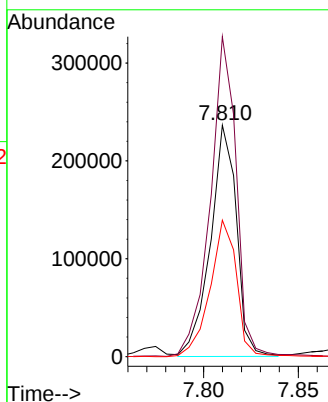
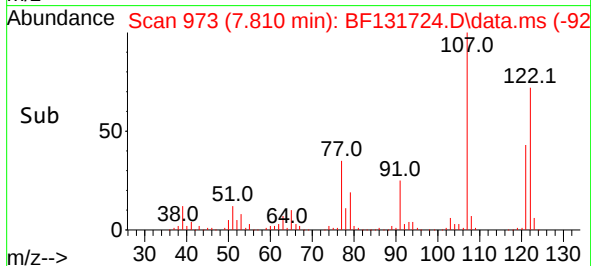
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:122 Resp: 226122
Ion Ratio Lower Upper
122 100
107 138.3 110.1 165.1
121 58.9 47.9 71.9

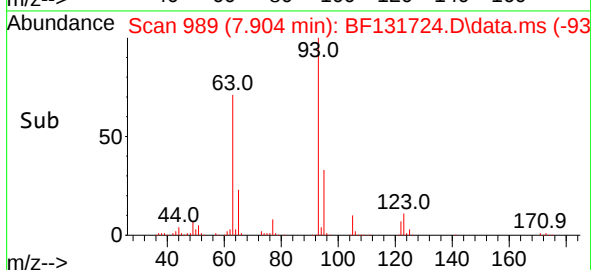
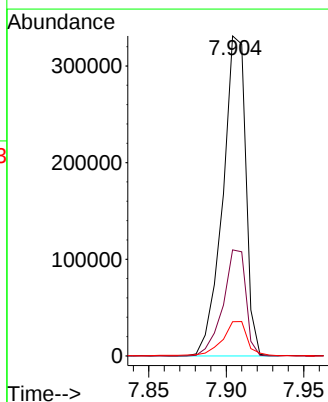
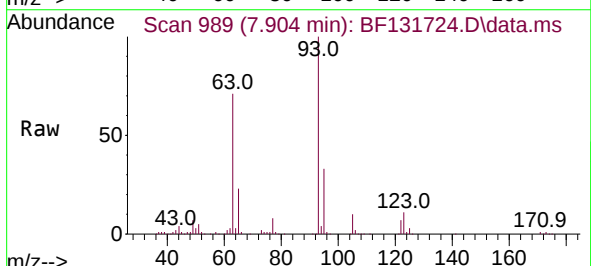
Manual Integrations
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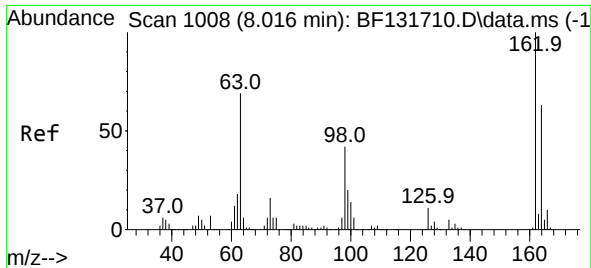
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#28
bis(2-Chloroethoxy)methane
Concen: 48.609 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion: 93 Resp: 342019
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 10.7 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 44.166 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

Instrument :

BNA_F

ClientSampleId :

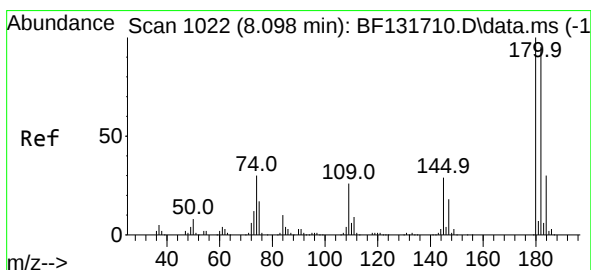
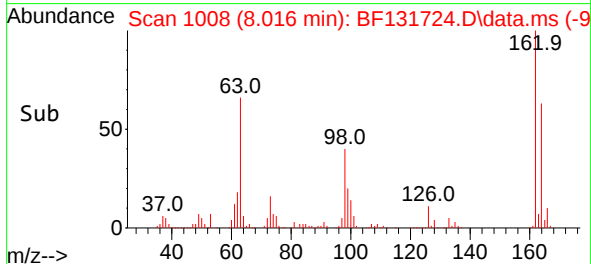
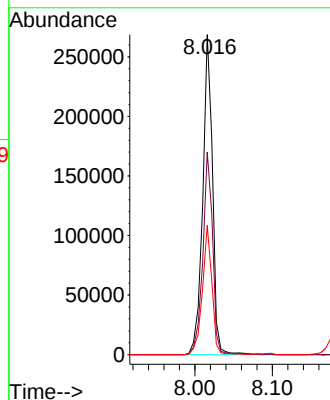
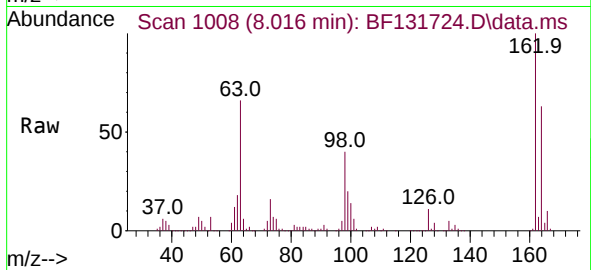
FVSub-TP1-COMP-01MSD

Tgt Ion:162 Resp: 235402
 Ion Ratio Lower Upper
 162 100
 164 63.3 42.9 82.9
 98 40.4 21.9 61.9

Manual Integrations

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 Supervised By :Jagrut Upadhyay 12/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.188 ng

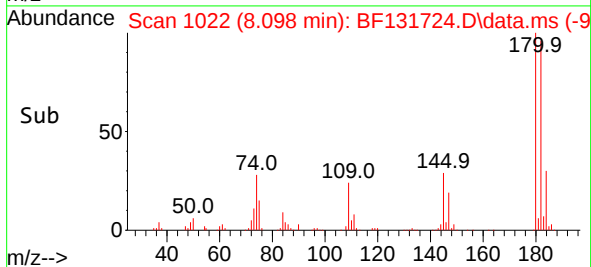
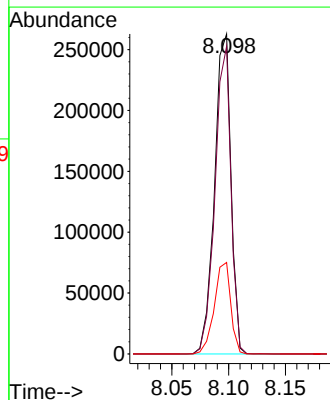
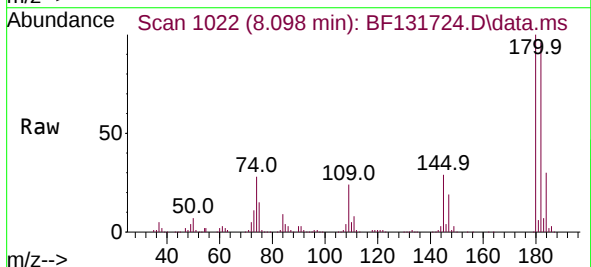
RT: 8.098 min Scan# 1022

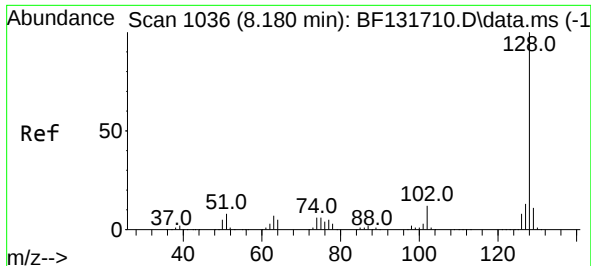
Delta R.T. 0.000 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

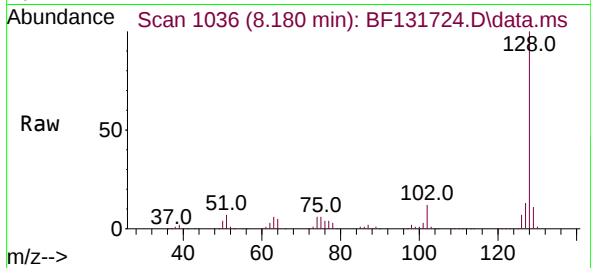
Tgt Ion:180 Resp: 264344
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.1 114.1
 145 28.6 23.4 35.0





#31
Naphthalene
Concen: 41.671 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

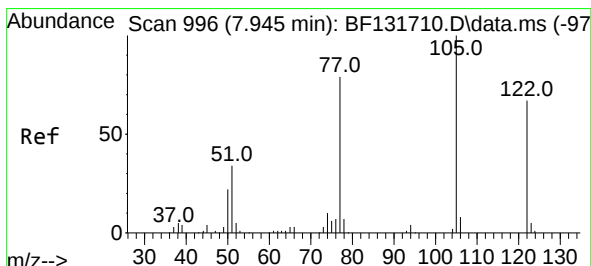
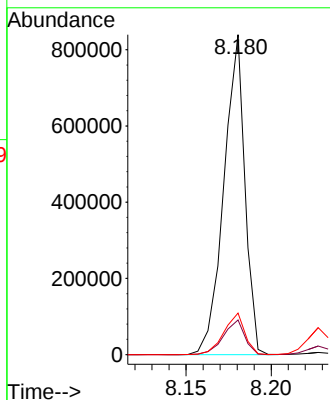
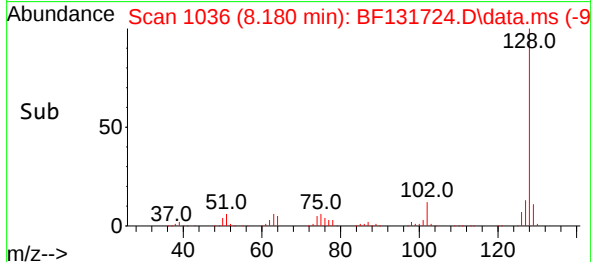
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:128 Resp: 720817
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.6 15.8

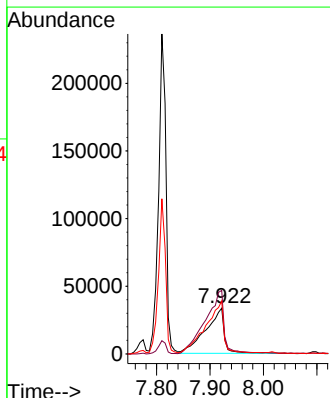
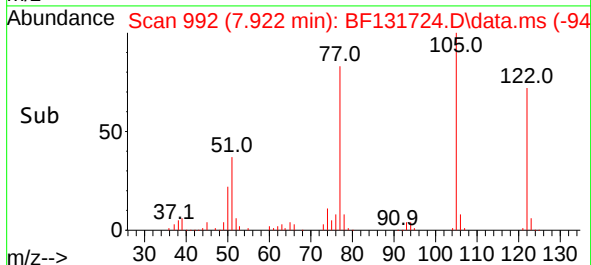
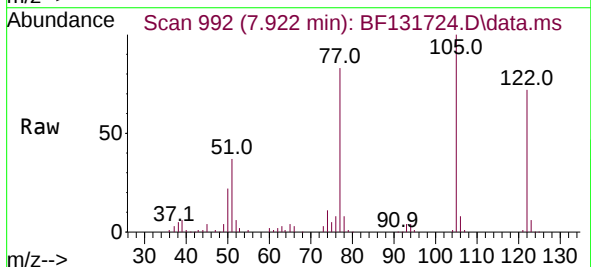
Manual Integrations
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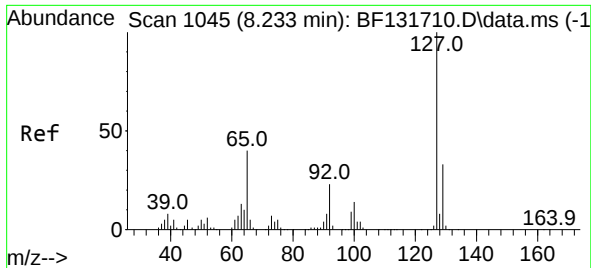
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#32
Benzoic acid
Concen: 23.025 ng m
RT: 7.922 min Scan# 992
Delta R.T. -0.024 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion:122 Resp: 81373
Ion Ratio Lower Upper
122 100
105 138.8 125.1 165.1
77 115.6 95.3 135.3





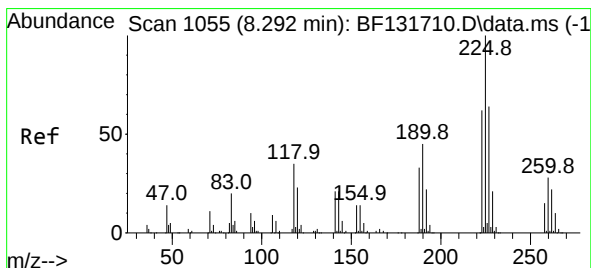
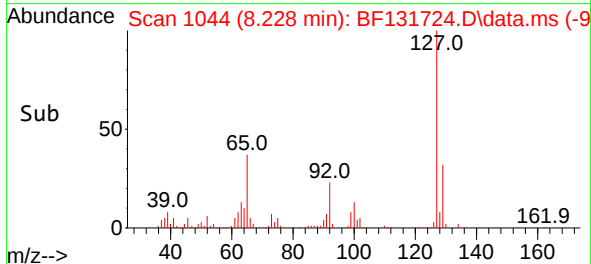
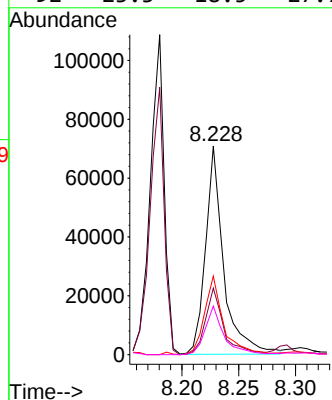
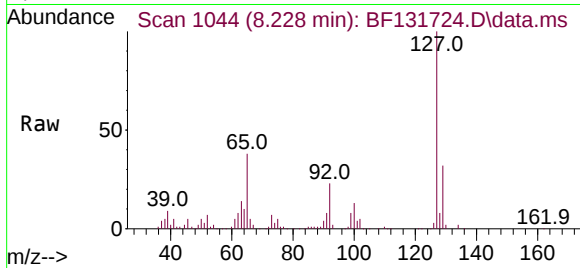
#33
4-Chloroaniline
Concen: 11.705 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD

Tgt Ion:127	Resp:	78962
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.1 39.1
65	37.6	31.8 47.6
92	23.3	18.5 27.7

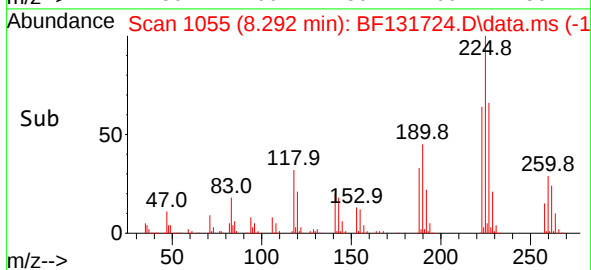
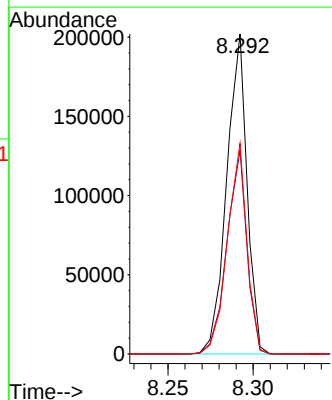
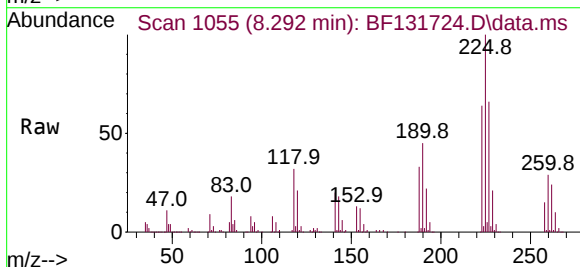
Manual Integrations
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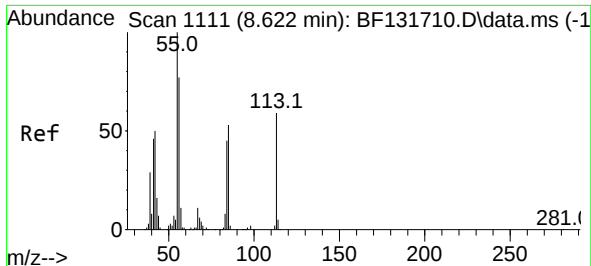
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#34
Hexachlorobutadiene
Concen: 39.767 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

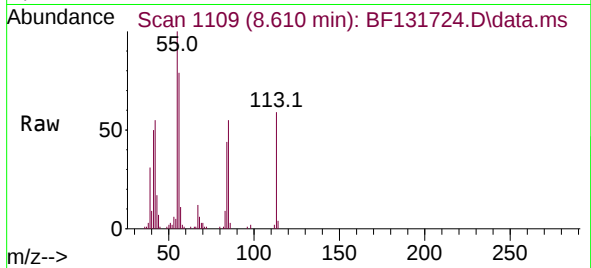
Tgt Ion:225	Resp:	167643
Ion Ratio	Lower	Upper
225	100	
223	63.6	49.5 74.3
227	65.8	51.0 76.4





#35
Caprolactam
Concen: 37.621 ng m
RT: 8.610 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

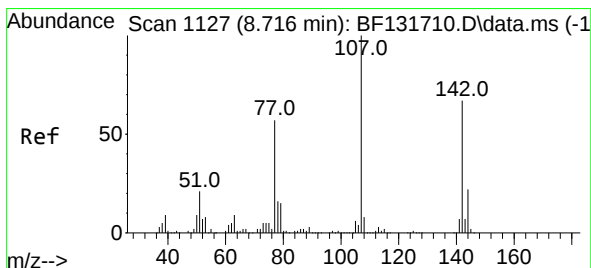
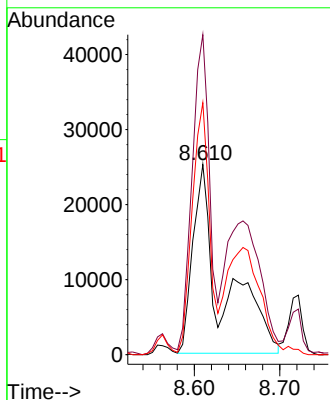
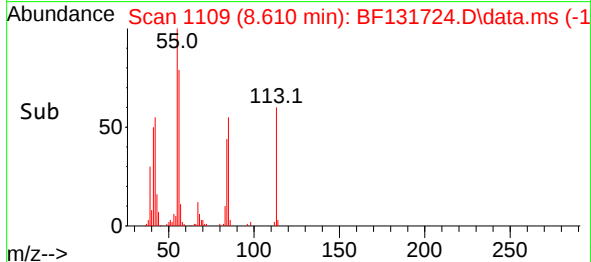
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:113 Resp: 60462
Ion Ratio Lower Upper
113 100
55 168.3 149.0 189.0
56 132.5 109.5 149.5

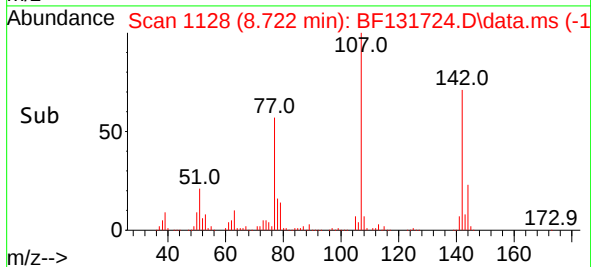
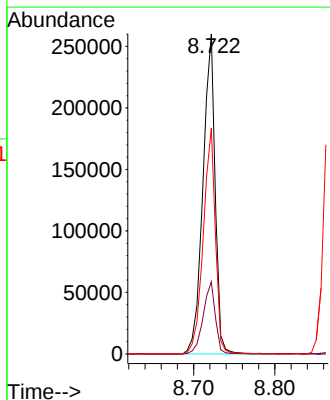
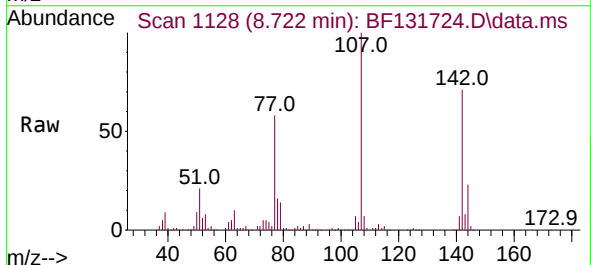
Manual Integrations
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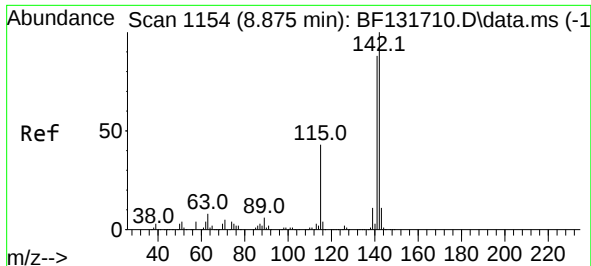
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#36
4-Chloro-3-methylphenol
Concen: 44.873 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion:107 Resp: 273209
Ion Ratio Lower Upper
107 100
144 22.5 17.5 26.3
142 70.6 53.4 80.0





#37

2-Methylnaphthalene

Concen: 42.243 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

Instrument :

BNA_F

ClientSampleId :

FVSub-TP1-COMP-01MSD

Tgt Ion:142 Resp: 498438

Ion Ratio Lower Upper

142 100

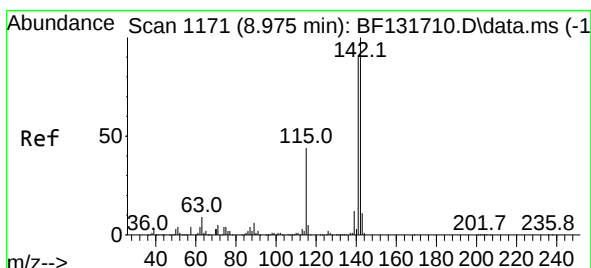
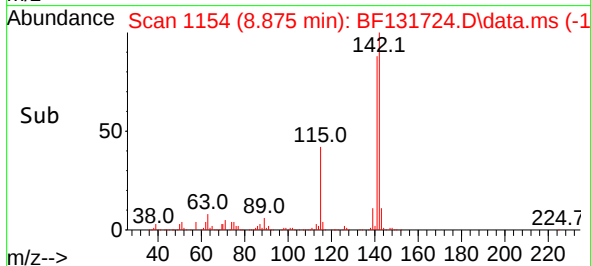
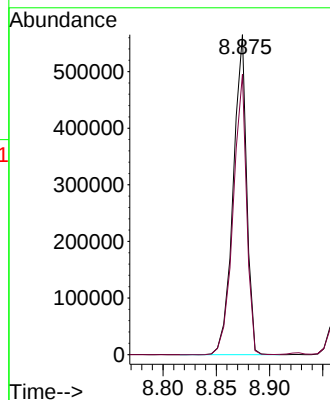
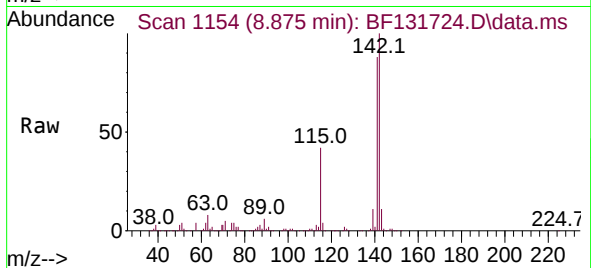
141 87.6 70.4 105.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#38

1-Methylnaphthalene

Concen: 40.712 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131724.D

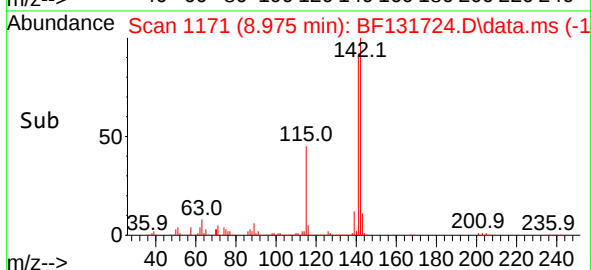
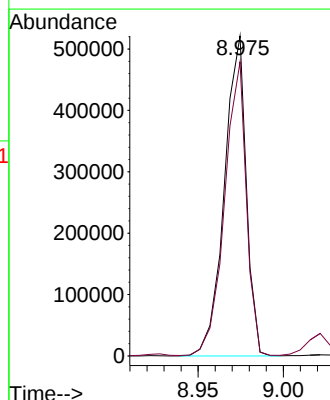
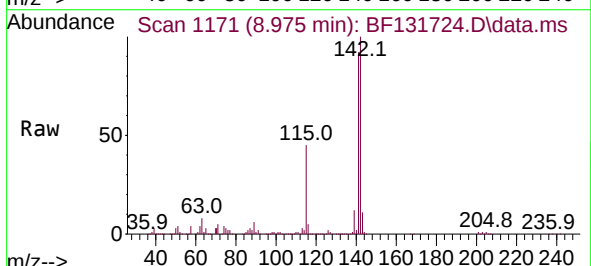
Acq: 20 Dec 2022 21:11

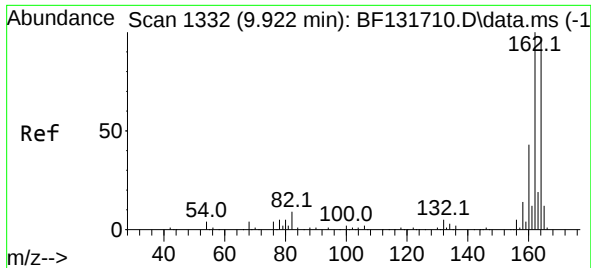
Tgt Ion:142 Resp: 465251

Ion Ratio Lower Upper

142 100

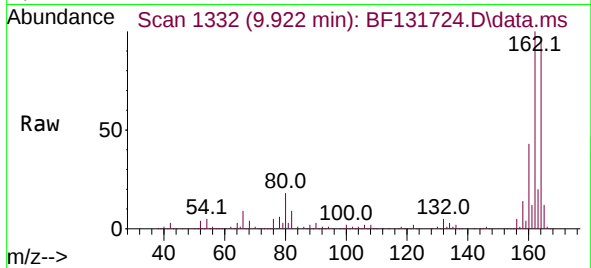
141 91.9 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

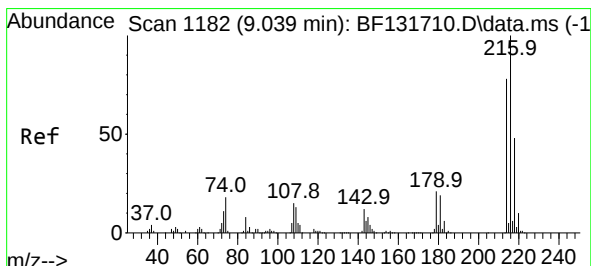
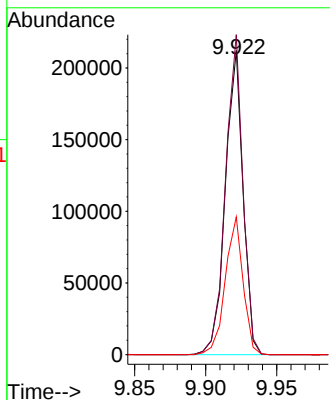
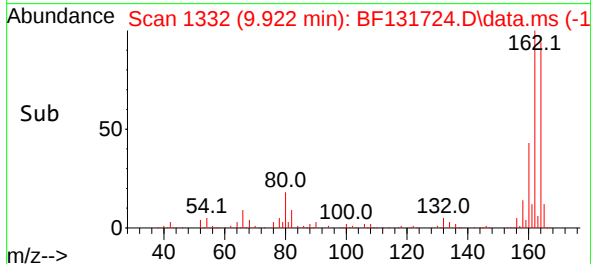
Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01MSD



Tgt Ion:164 Resp: 183995
Ion Ratio Lower Upper
164 100
162 105.2 83.7 125.5
160 45.3 36.2 54.4

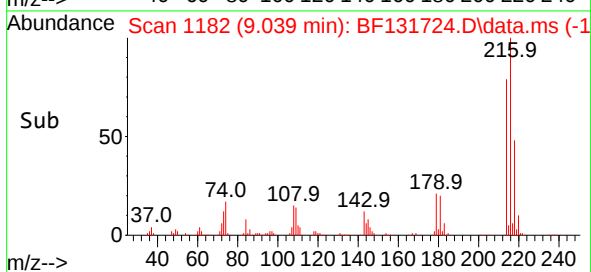
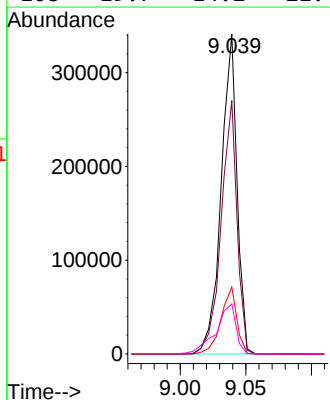
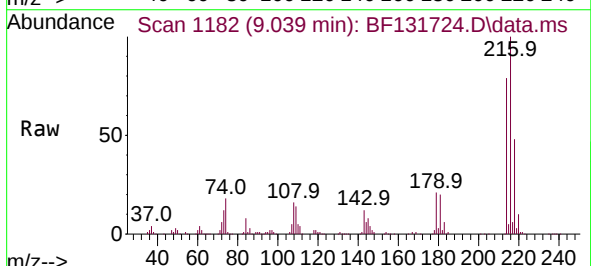
Manual Integrations
APPROVED

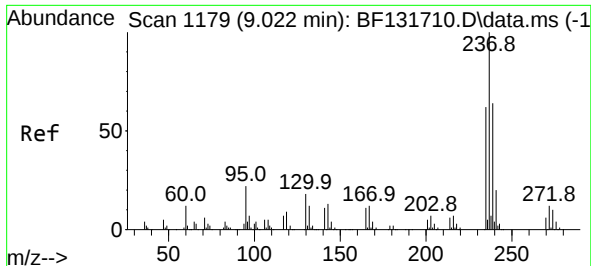
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.735 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

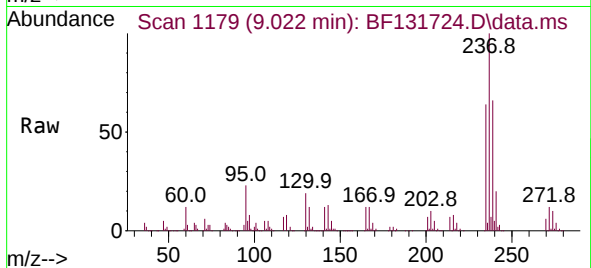
Tgt Ion:216 Resp: 287904
Ion Ratio Lower Upper
216 100
214 79.0 62.9 94.3
179 20.7 16.3 24.5
108 19.7 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 98.417 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

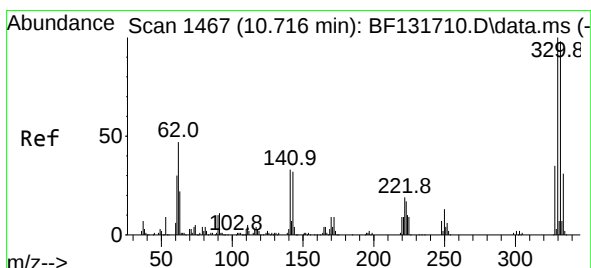
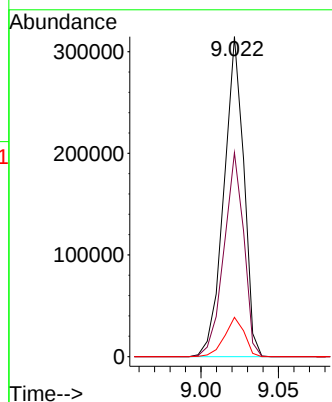
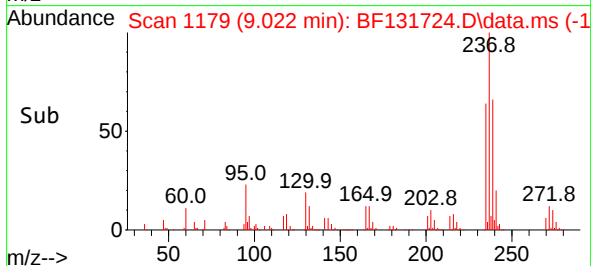
Instrument : BNA_F
ClientSampleId : FVSub-TP1-COMP-01MSD



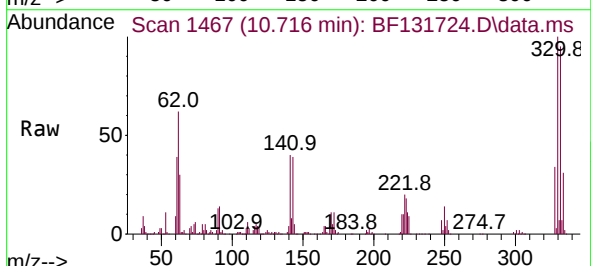
Tgt Ion: 237 Resp: 280685
Ion Ratio Lower Upper
237 100
235 63.7 42.2 82.2
272 12.3 0.0 31.7

Manual Integrations
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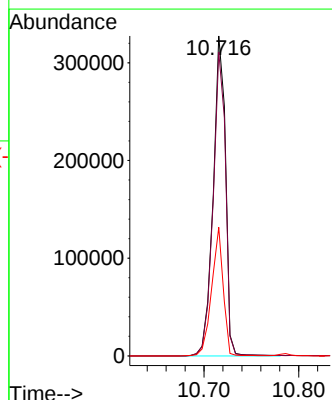
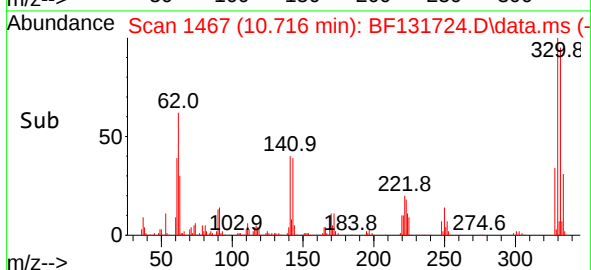
Reviewed By : Christian Giraldo 12/21/2022
Supervised By : Jagrut Upadhyay 12/21/2022

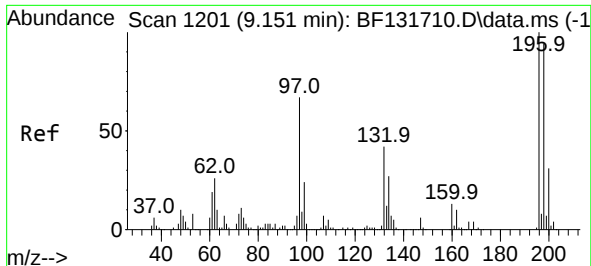


#42
2,4,6-Tribromophenol
Concen: 148.155 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11



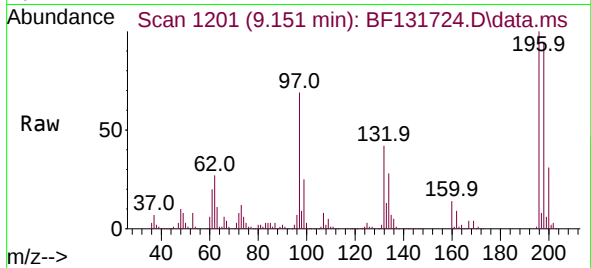
Tgt Ion: 330 Resp: 298369
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 37.7 30.4 45.6





#43
2,4,6-Trichlorophenol
Concen: 45.003 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

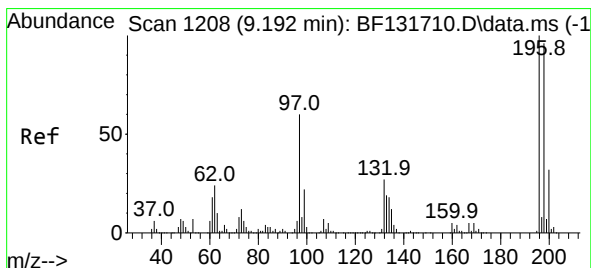
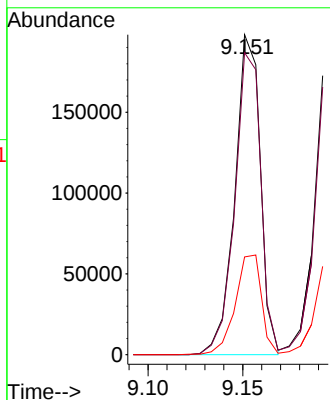
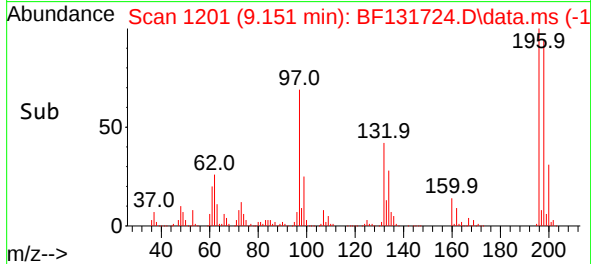
Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01MSD



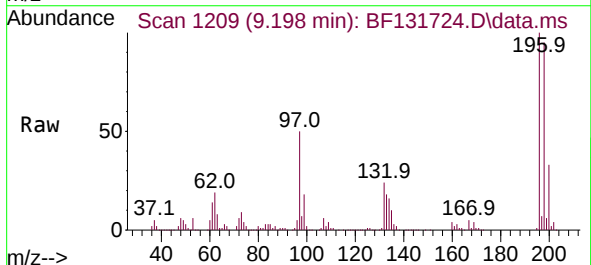
Tgt Ion:196 Resp: 185058
Ion Ratio Lower Upper
196 100
198 94.3 75.5 113.3
200 30.5 25.2 37.8

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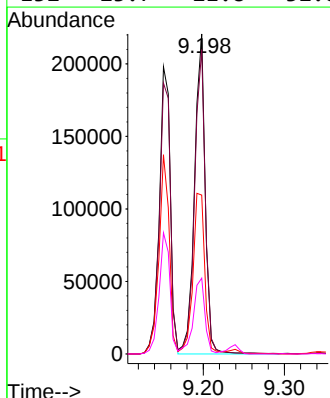
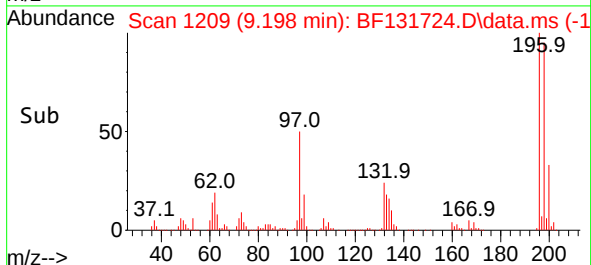
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

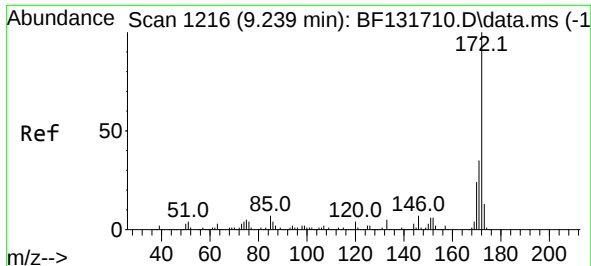


#44
2,4,5-Trichlorophenol
Concen: 45.173 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11



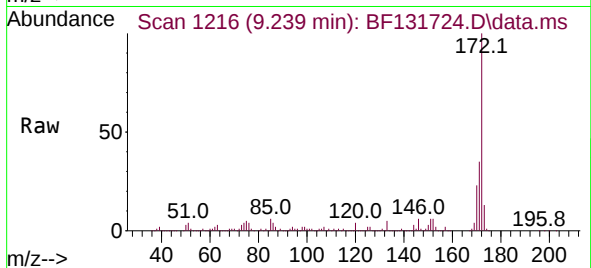
Tgt Ion:196 Resp: 201095
Ion Ratio Lower Upper
196 100
198 95.1 76.6 114.8
97 49.6 47.7 71.5
132 23.7 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 88.713 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

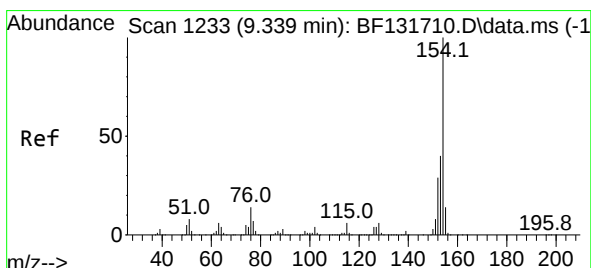
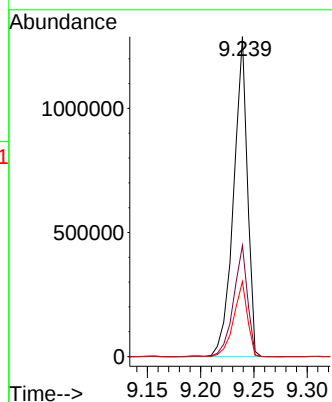
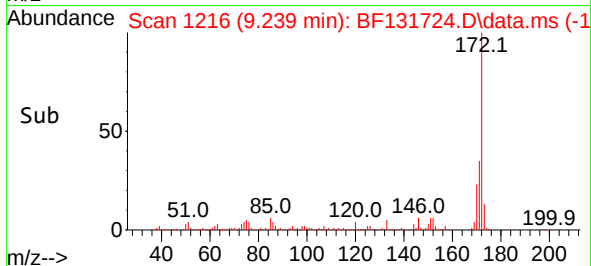
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:172 Resp: 1165219
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.5 19.0 28.4

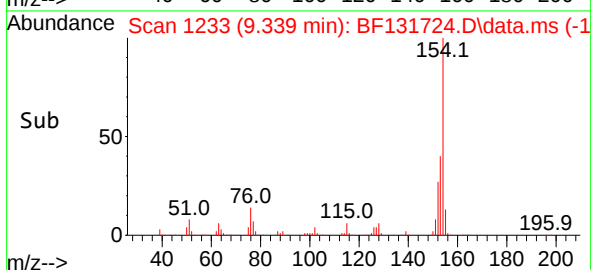
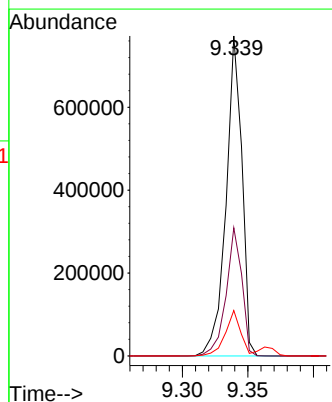
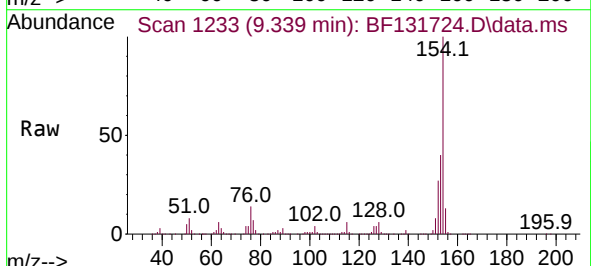
Manual Integrations
APPROVED

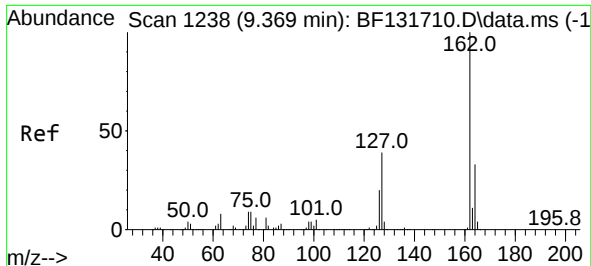
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#46
1,1'-Biphenyl
Concen: 46.975 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

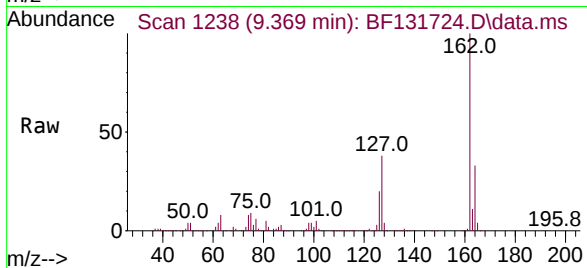
Tgt Ion:154 Resp: 650130
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 14.2 0.0 33.6





#47
2-Chloronaphthalene
Concen: 45.184 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

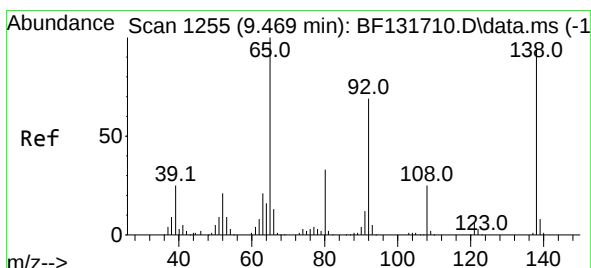
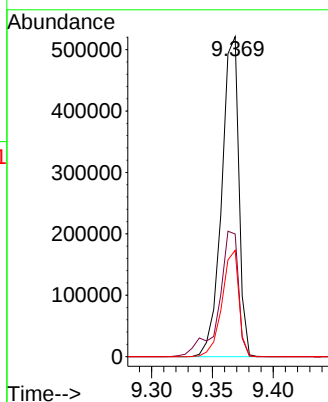
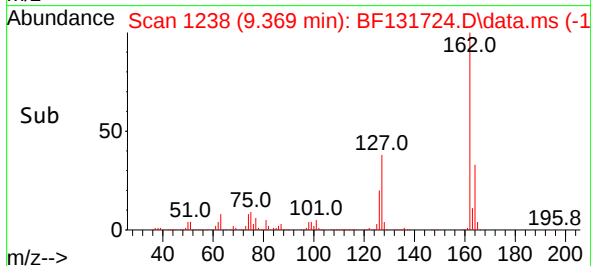
Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01MSD



Tgt Ion:162 Resp: 512064
Ion Ratio Lower Upper
162 100
127 38.3 31.4 47.2
164 33.2 26.6 39.8

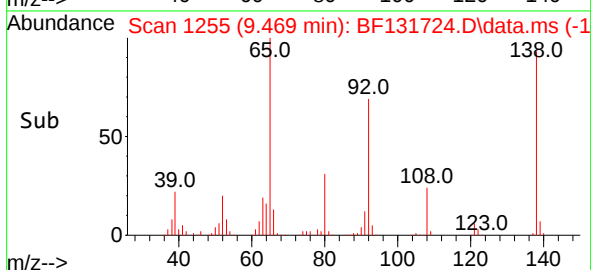
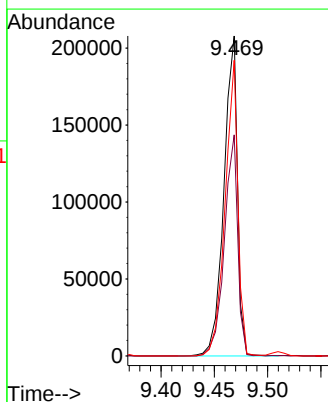
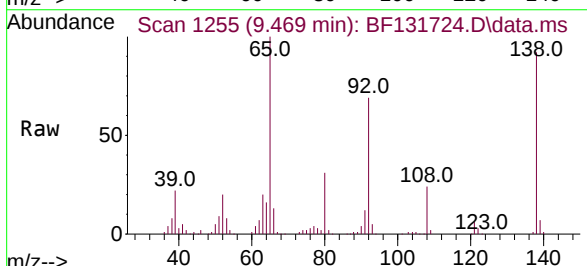
Manual Integrations
APPROVED

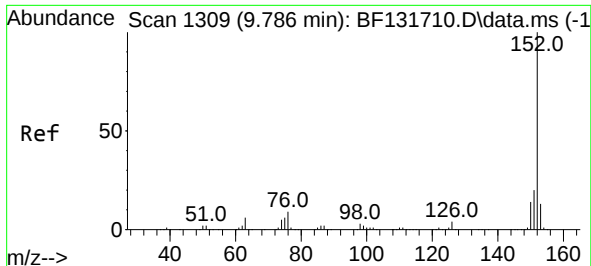
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#48
2-Nitroaniline
Concen: 45.037 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion: 65 Resp: 183963
Ion Ratio Lower Upper
65 100
92 69.1 55.5 83.3
138 92.4 74.8 112.2





#49

Acenaphthylene

Concen: 45.553 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

Instrument :

BNA_F

ClientSampleId :

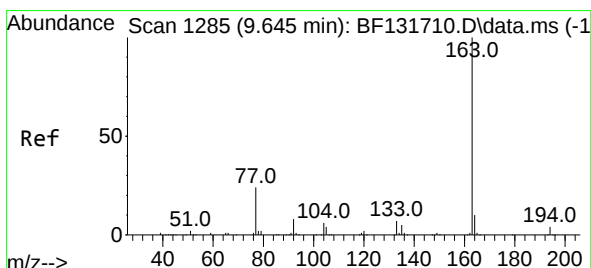
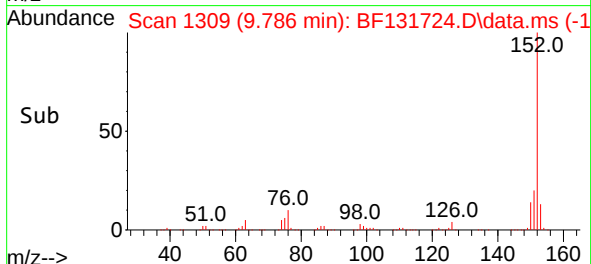
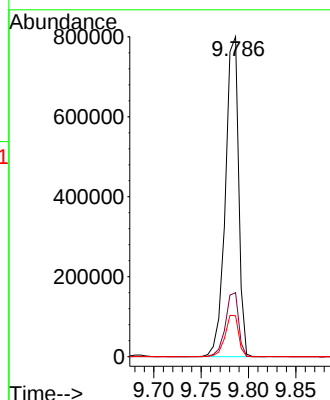
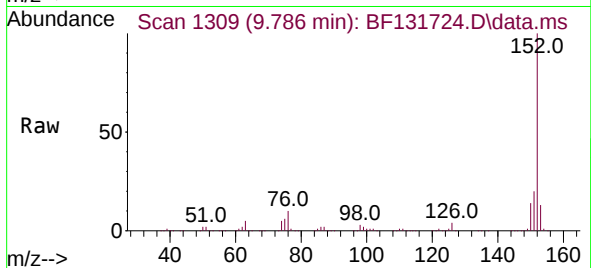
FVSUB-TP1-COMP-01MSD

Tgt Ion:152 Resp: 774307
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.8 23.8
 153 12.8 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022



#50

Dimethylphthalate

Concen: 46.453 ng

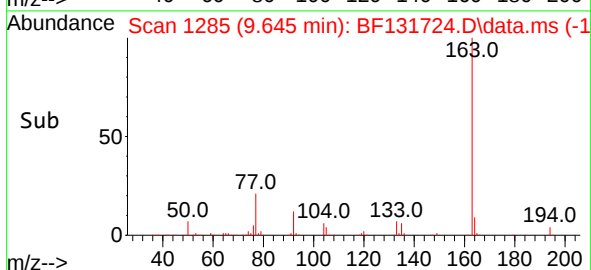
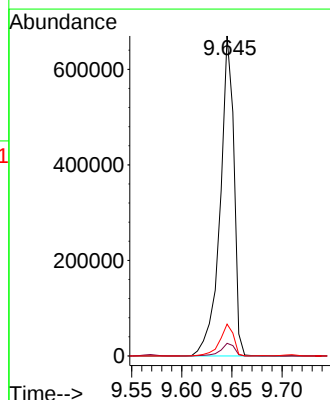
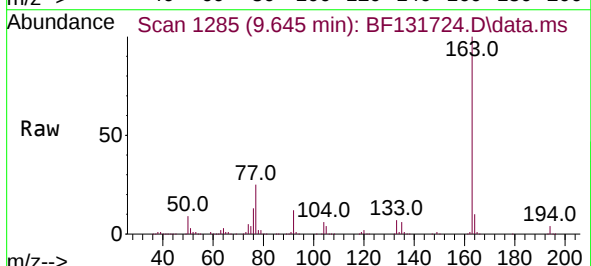
RT: 9.645 min Scan# 1285

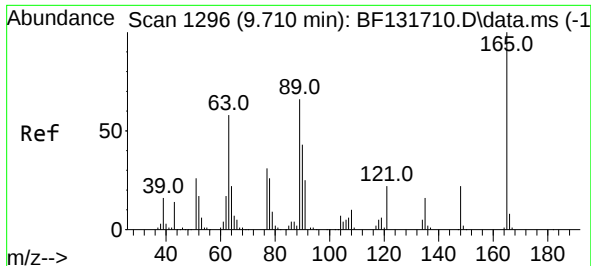
Delta R.T. 0.000 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

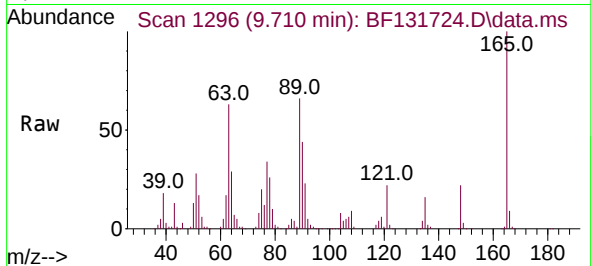
Tgt Ion:163 Resp: 643123
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.1 4.7
 164 9.9 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 47.799 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

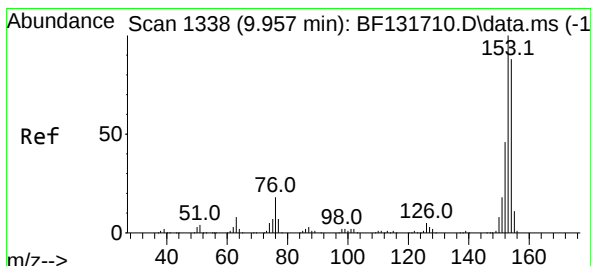
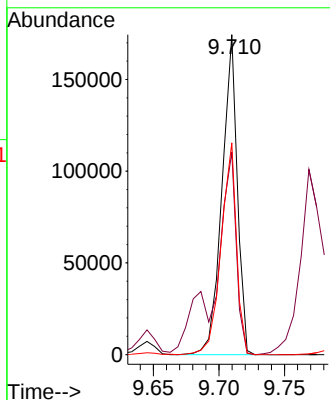
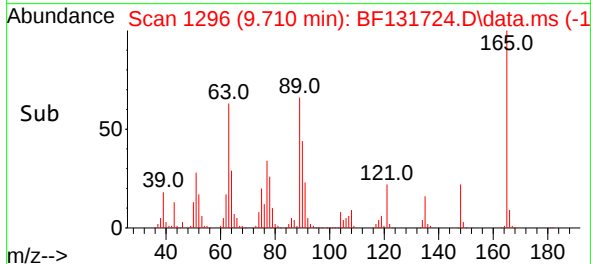
Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01MSD



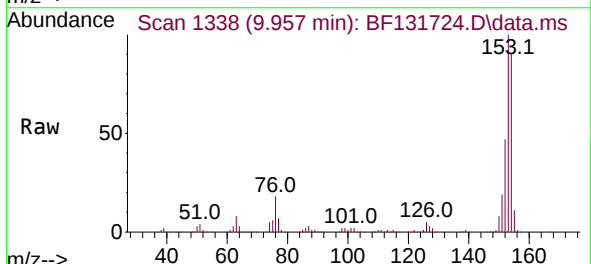
Tgt Ion:165 Resp: 142296
Ion Ratio Lower Upper
165 100
63 63.3 51.8 77.8
89 66.2 53.2 79.8

Manual Integrations
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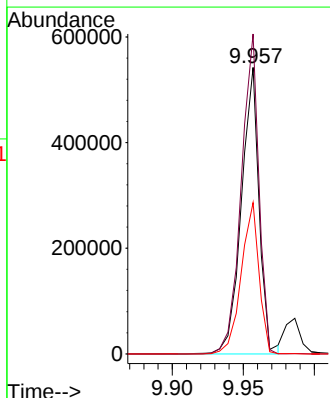
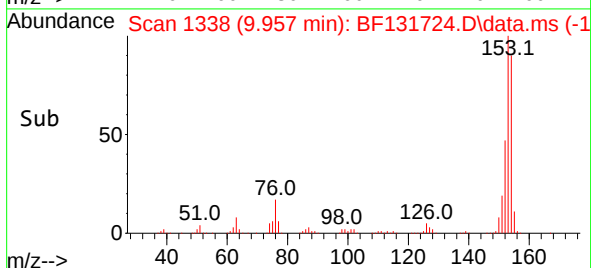
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

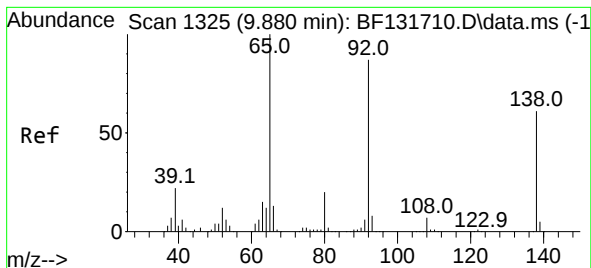


#52
Acenaphthene
Concen: 44.949 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11



Tgt Ion:154 Resp: 468050
Ion Ratio Lower Upper
154 100
153 111.7 90.4 135.6
152 52.8 42.0 63.0





#53

3-Nitroaniline

Concen: 25.162 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

Instrument :

BNA_F

ClientSampleId :

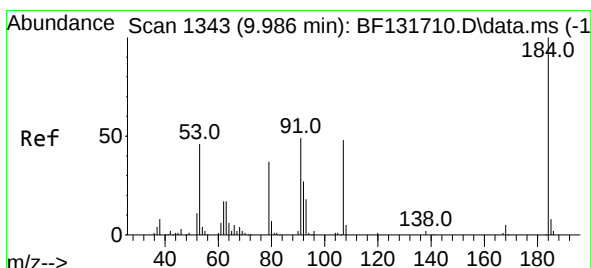
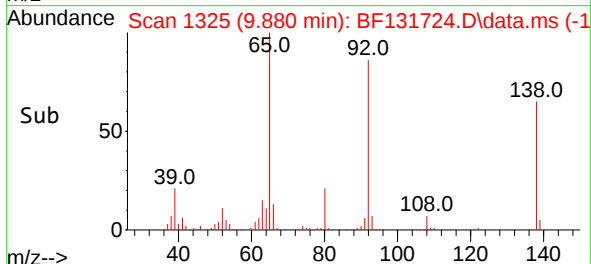
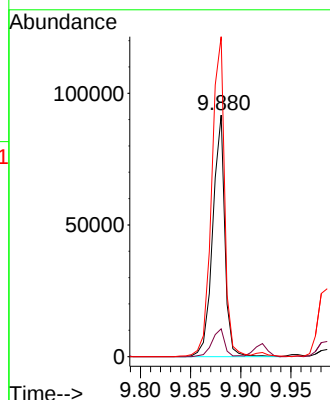
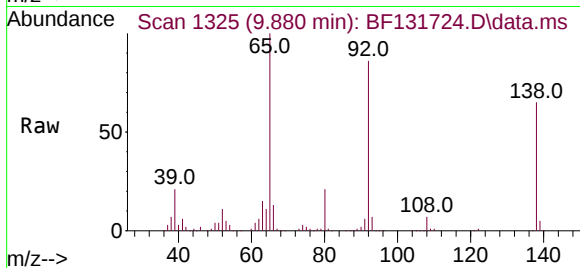
FVSub-TP1-COMP-01MSD

Tgt Ion:138 Resp: 76643

Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.2	13.8
92	132.5	114.6	171.8

Manual Integrations
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Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#54

2,4-Dinitrophenol

Concen: 46.262 ng

RT: 9.986 min Scan# 1343

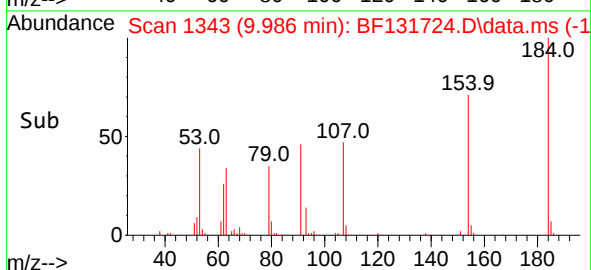
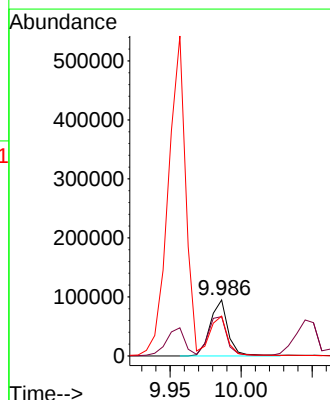
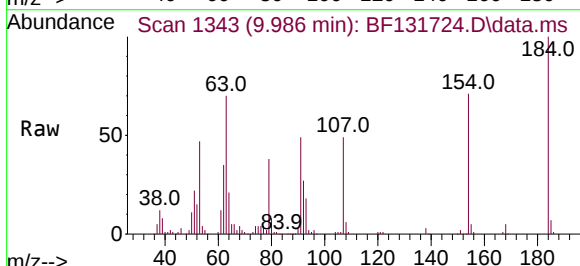
Delta R.T. 0.000 min

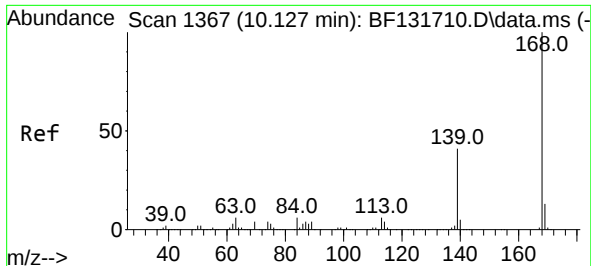
Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

Tgt Ion:184 Resp: 82520

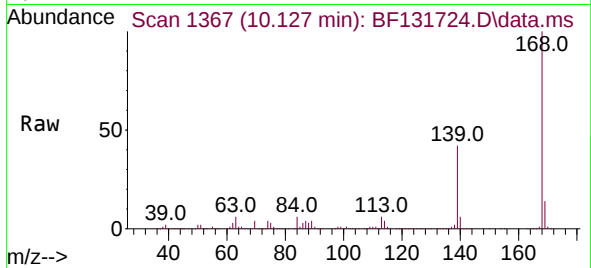
Ion	Ratio	Lower	Upper
184	100		
63	70.2	55.8	83.8
154	71.0	57.1	85.7





#55
Dibenzenofuran
Concen: 45.190 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

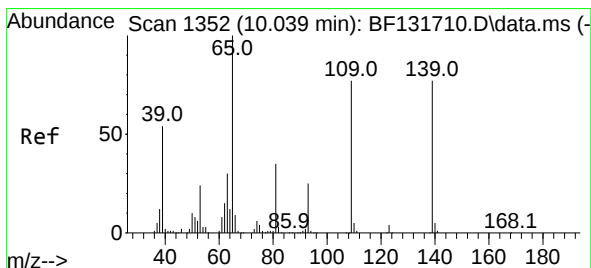
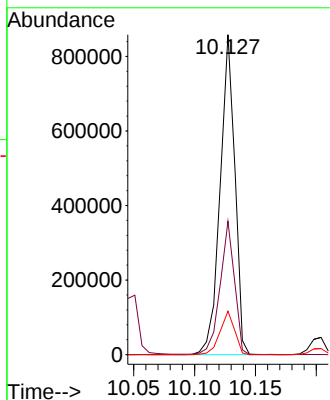
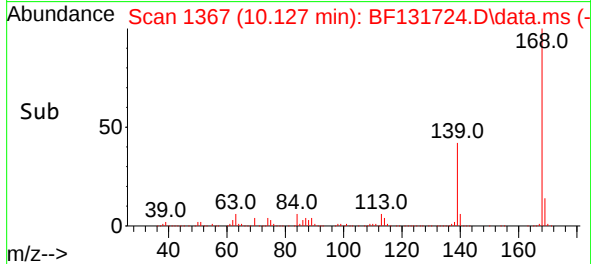
Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01MSD



Tgt Ion:168 Resp: 721562
Ion Ratio Lower Upper
168 100
139 41.7 32.7 49.1
169 13.6 10.6 16.0

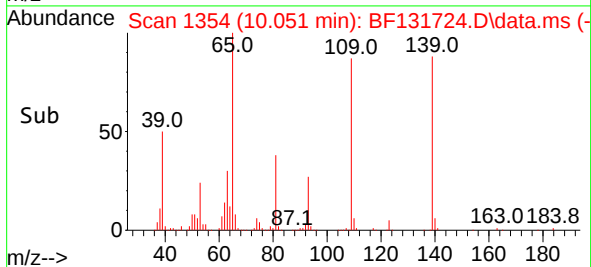
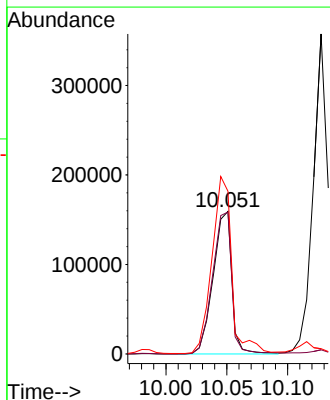
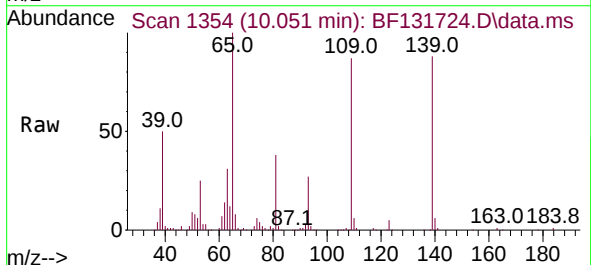
Manual Integrations
APPROVED

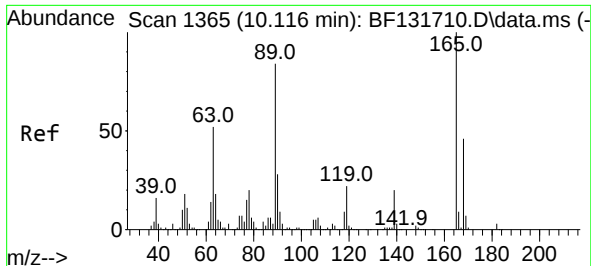
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#56
4-Nitrophenol
Concen: 78.005 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

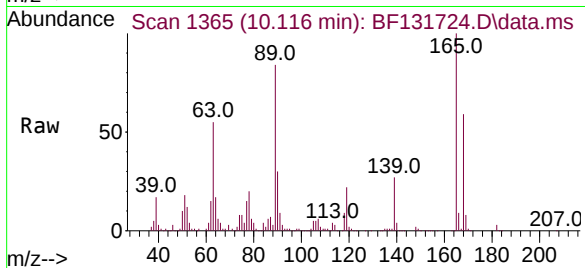
Tgt Ion:139 Resp: 170060
Ion Ratio Lower Upper
139 100
109 99.6 79.9 119.9
65 114.1 110.2 150.2





#57
2,4-Dinitrotoluene
Concen: 46.693 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

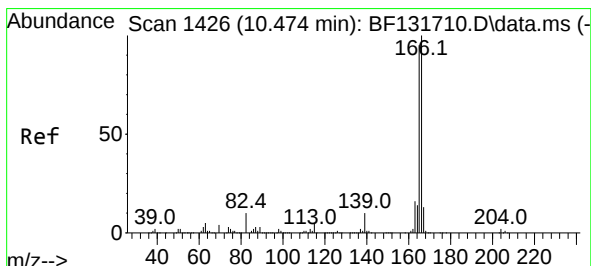
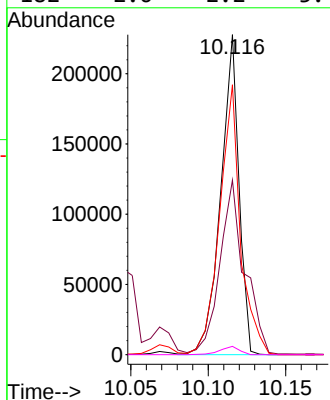
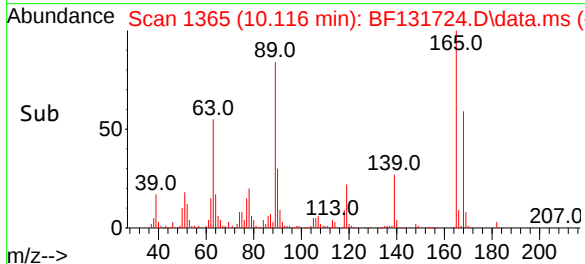
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:165 Resp: 186784
Ion Ratio Lower Upper
165 100
63 54.5 41.5 62.3
89 84.3 67.0 100.4
182 2.6 2.2 3.4

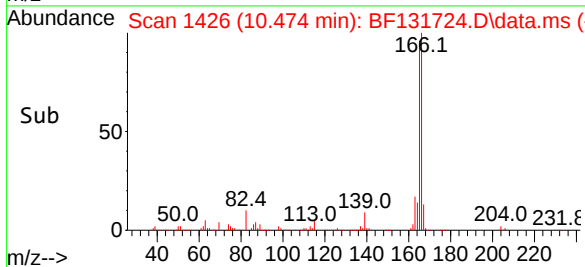
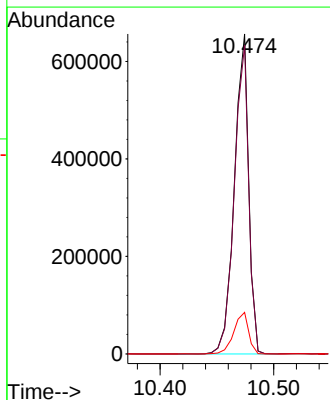
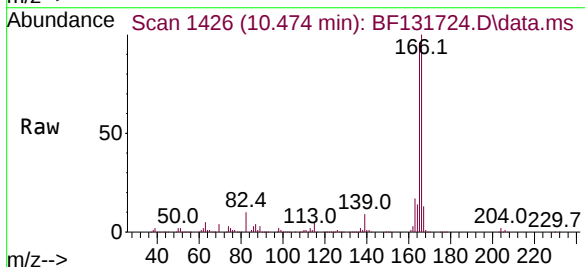
Manual Integrations
APPROVED

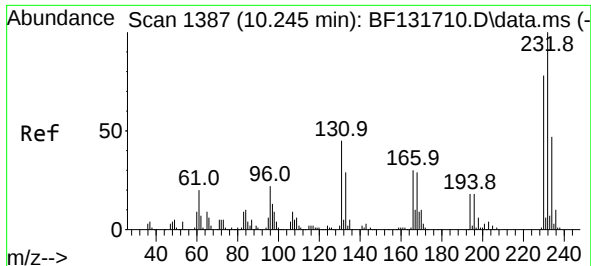
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#58
Fluorene
Concen: 44.486 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

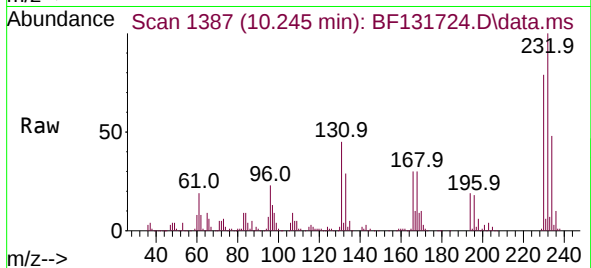
Tgt Ion:166 Resp: 574303
Ion Ratio Lower Upper
166 100
165 96.5 75.8 113.8
167 13.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.527 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

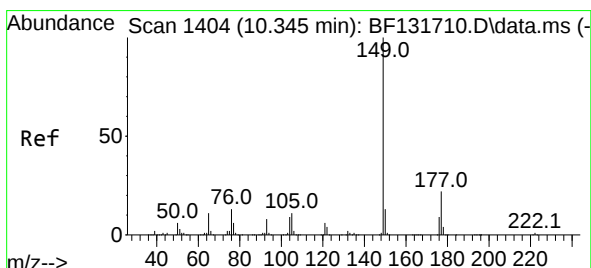
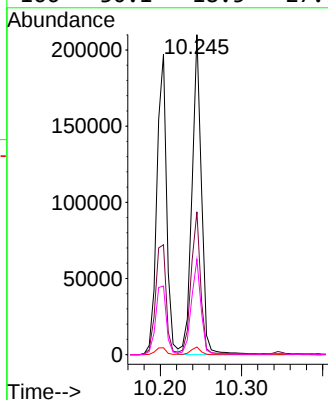
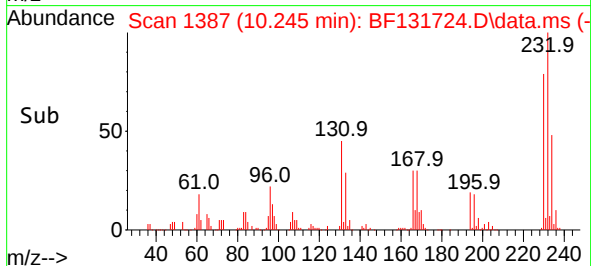
Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01MSD



Tgt Ion:232 Resp: 169199
Ion Ratio Lower Upper
232 100
131 45.0 29.9 44.9
130 2.3 1.7 2.5
166 30.1 18.5 27.7#

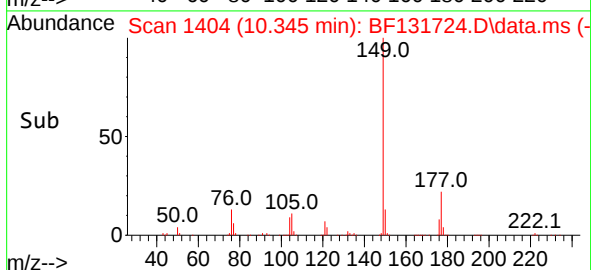
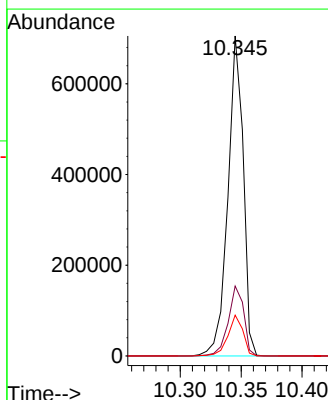
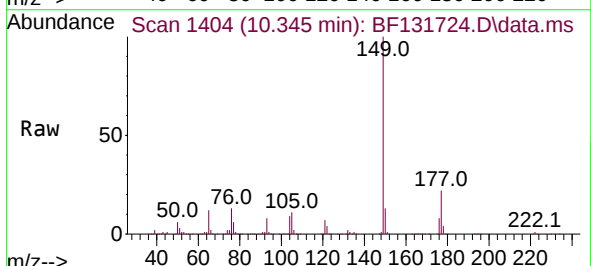
Manual Integrations
APPROVED

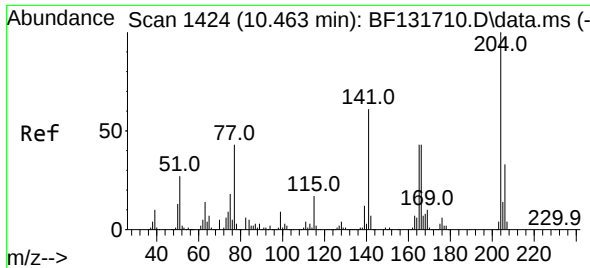
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#60
Diethylphthalate
Concen: 46.207 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

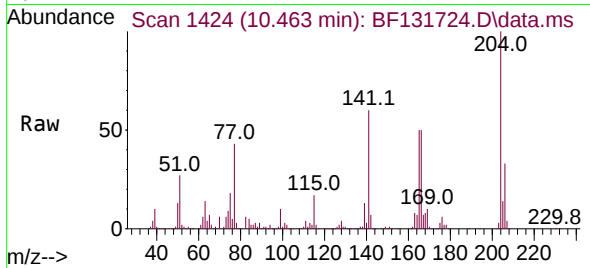
Tgt Ion:149 Resp: 616416
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.338 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

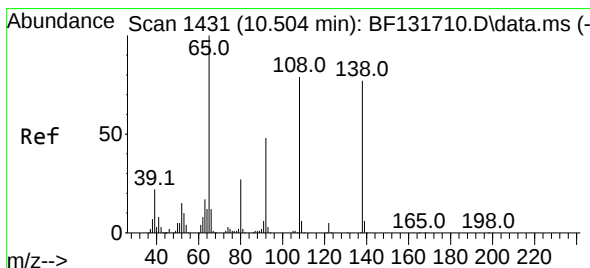
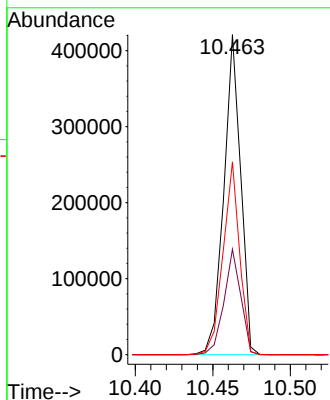
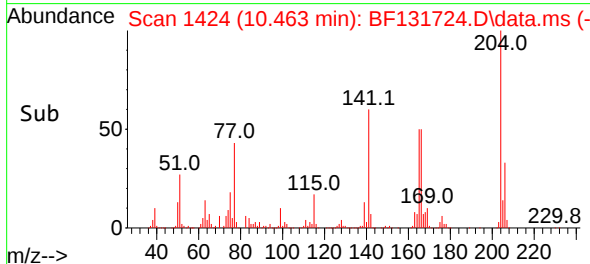
Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01MSD



Tgt Ion:204 Resp: 317943
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 60.2 48.6 72.8

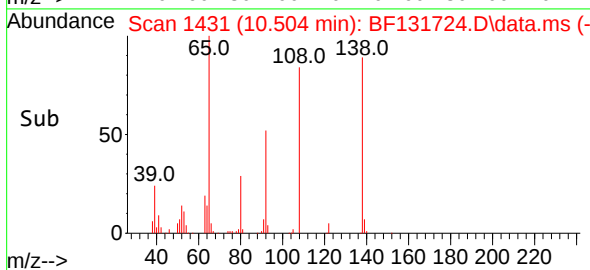
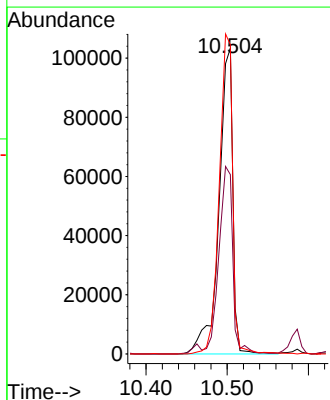
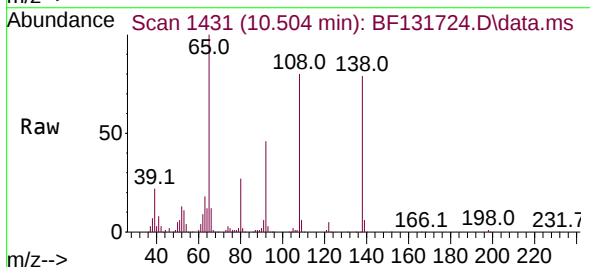
Manual Integrations
APPROVED

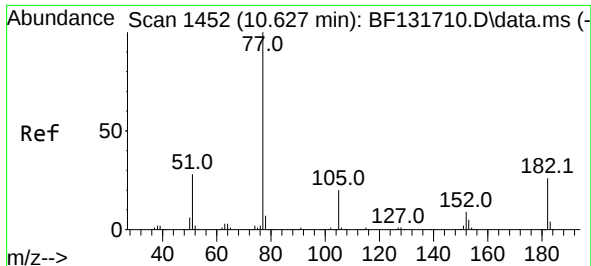
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#62
4-Nitroaniline
Concen: 39.799 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

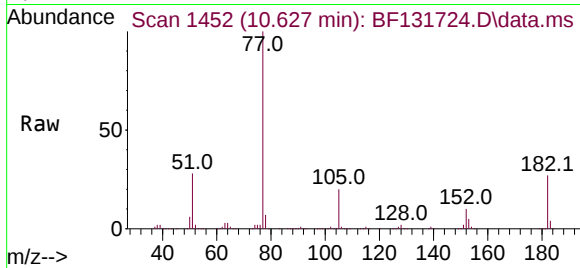
Tgt Ion:138 Resp: 122009
Ion Ratio Lower Upper
138 100
92 58.7 42.1 82.1
108 101.2 83.1 123.1





#63
Azobenzene
Concen: 45.478 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

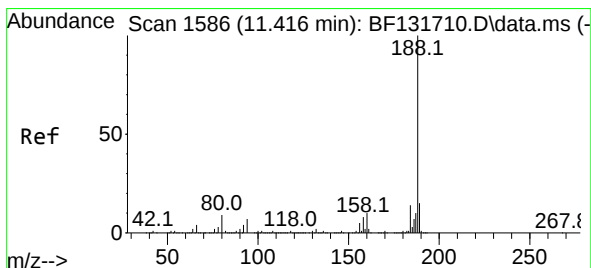
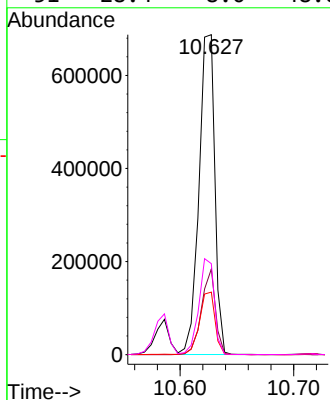
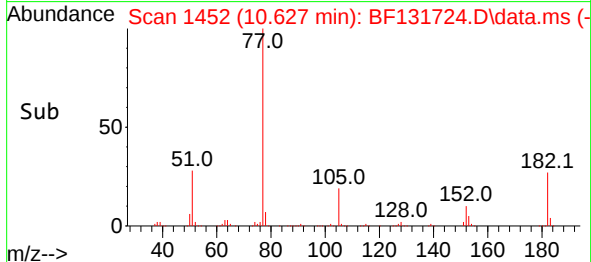
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



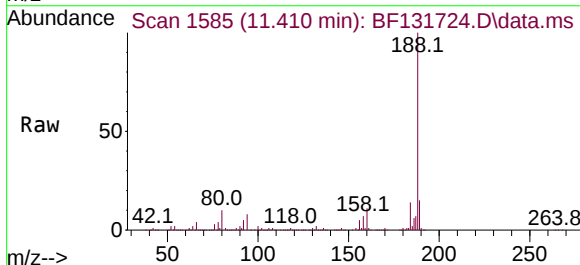
Tgt Ion: 77 Resp: 666223
Ion Ratio Lower Upper
77 100
182 26.7 5.8 45.8
105 19.5 0.0 39.7
51 28.4 8.0 48.0

Manual Integrations
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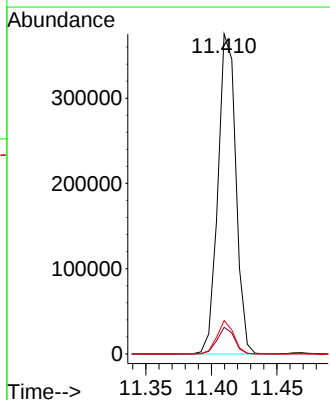
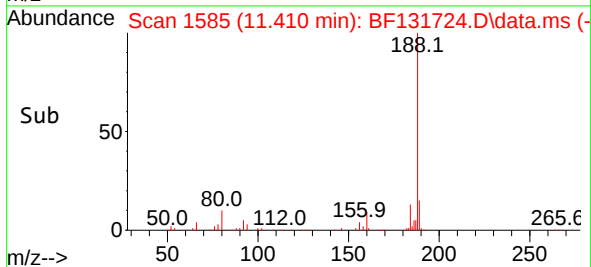
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

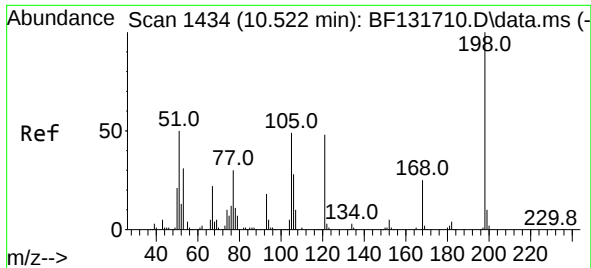


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11



Tgt Ion:188 Resp: 358391
Ion Ratio Lower Upper
188 100
94 8.3 5.9 8.9
80 10.4 7.0 10.6





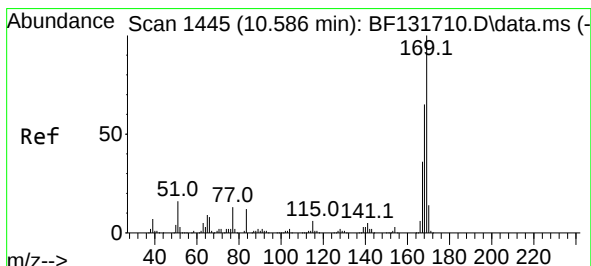
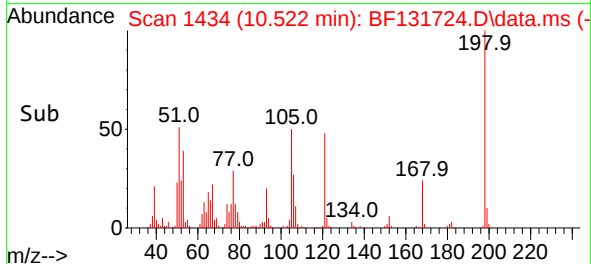
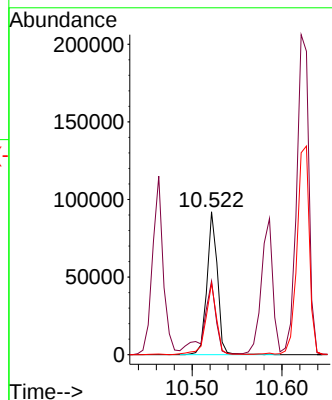
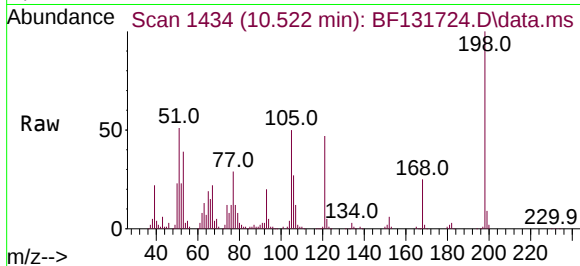
#65
4,6-Dinitro-2-methylphenol
Concen: 30.236 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01MSD

Tgt Ion:198 Resp: 74399
Ion Ratio Lower Upper
198 100
51 51.5 34.1 74.1
105 50.1 29.7 69.7

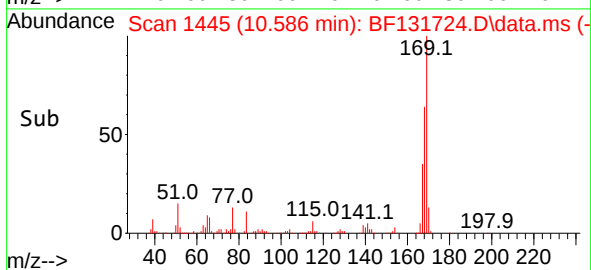
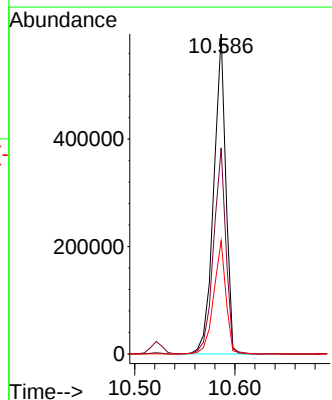
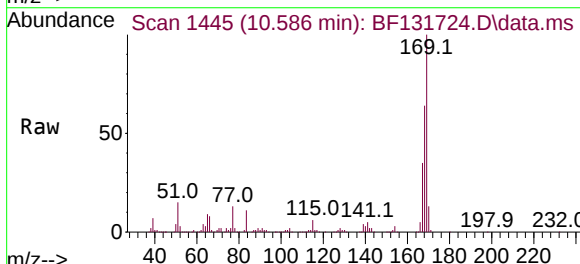
Manual Integrations
APPROVED

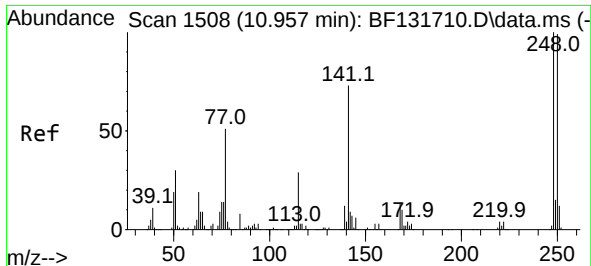
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#66
n-Nitrosodiphenylamine
Concen: 44.758 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

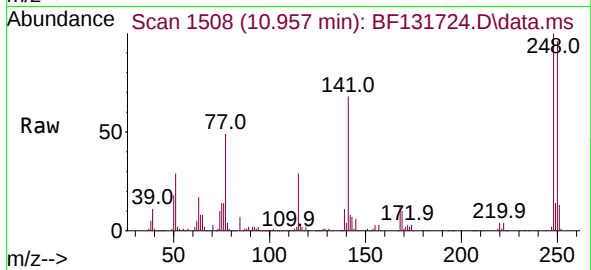
Tgt Ion:169 Resp: 497444
Ion Ratio Lower Upper
169 100
168 64.4 52.4 78.6
167 35.4 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 45.733 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

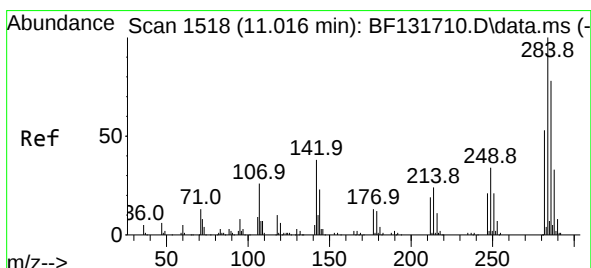
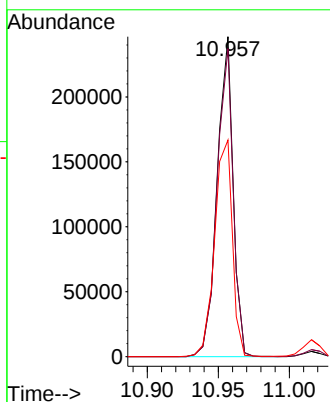
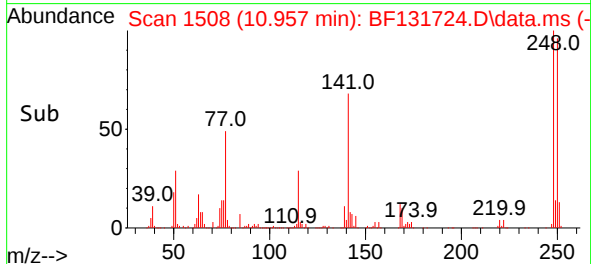
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



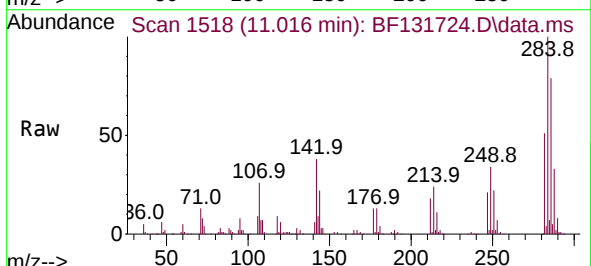
Tgt Ion:248 Resp: 193582
Ion Ratio Lower Upper
248 100
250 96.3 79.4 119.0
141 67.7 58.1 87.1

Manual Integrations
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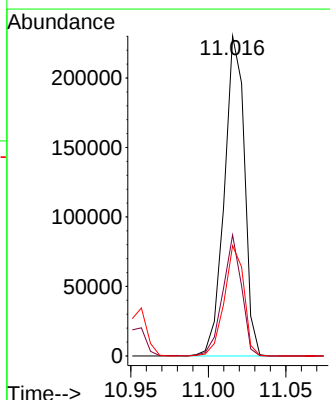
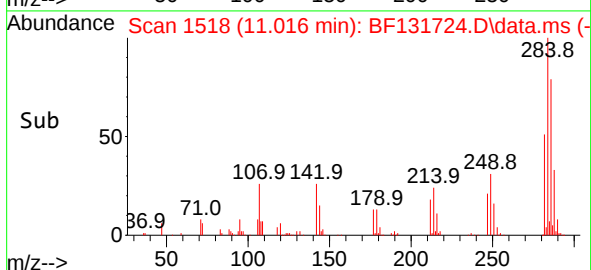
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

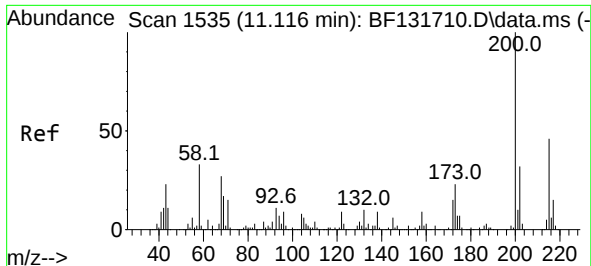


#68
Hexachlorobenzene
Concen: 44.851 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11



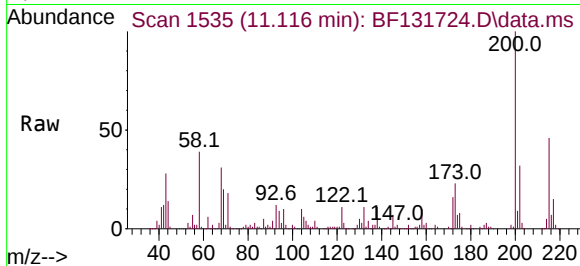
Tgt Ion:284 Resp: 208799
Ion Ratio Lower Upper
284 100
142 37.8 30.2 45.4
249 34.4 27.2 40.8





#69
 Atrazine
 Concen: 50.455 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. 0.000 min
 Lab File: BF131724.D
 Acq: 20 Dec 2022 21:11

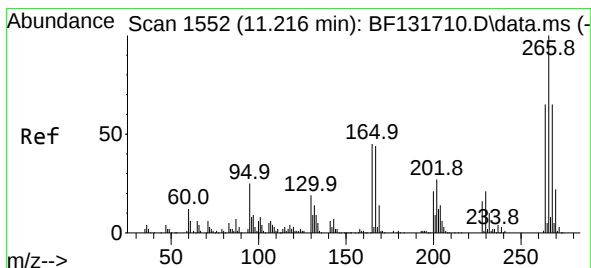
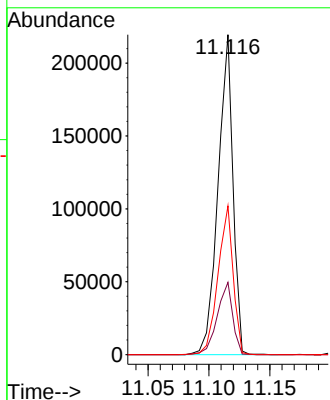
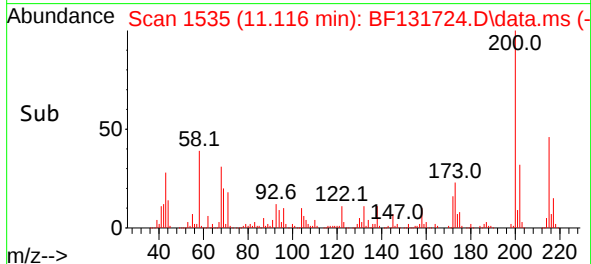
Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP1-COMP-01MSD



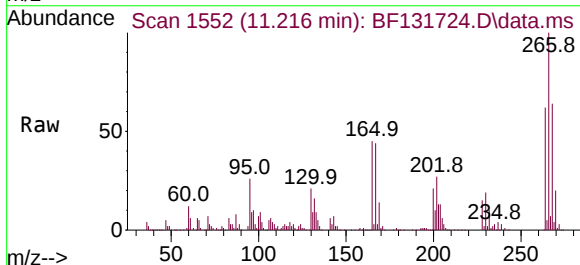
Tgt Ion:200 Resp: 186924
 Ion Ratio Lower Upper
 200 100
 173 22.6 2.7 42.7
 215 46.5 26.4 66.4

Manual Integrations
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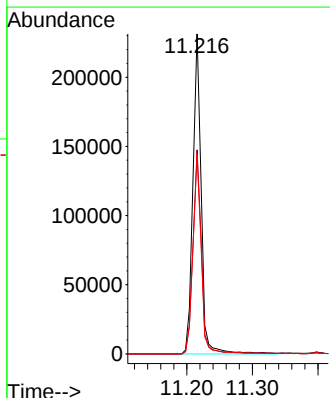
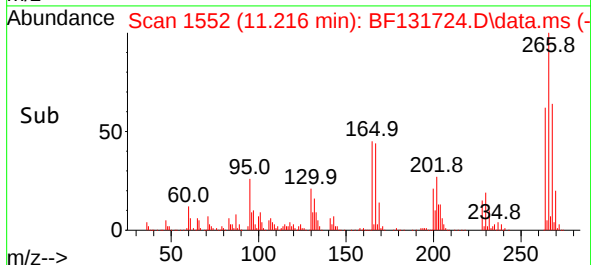
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022

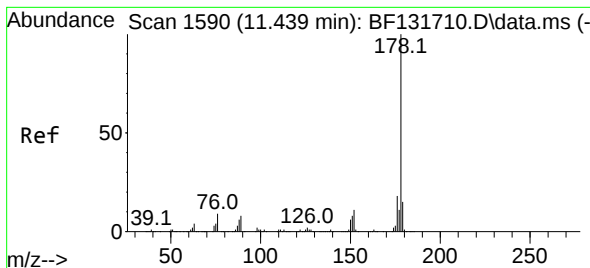


#70
 Pentachlorophenol
 Concen: 83.021 ng
 RT: 11.216 min Scan# 1552
 Delta R.T. 0.000 min
 Lab File: BF131724.D
 Acq: 20 Dec 2022 21:11



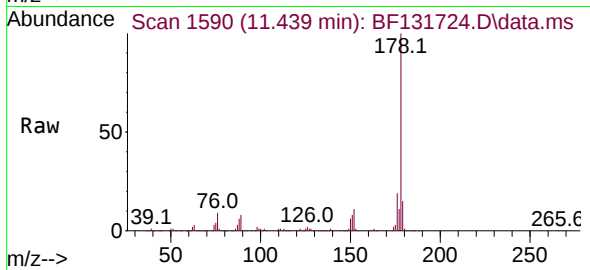
Tgt Ion:266 Resp: 205132
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.2 78.4
 264 62.5 52.0 78.0





#71
Phenanthrene
Concen: 42.997 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

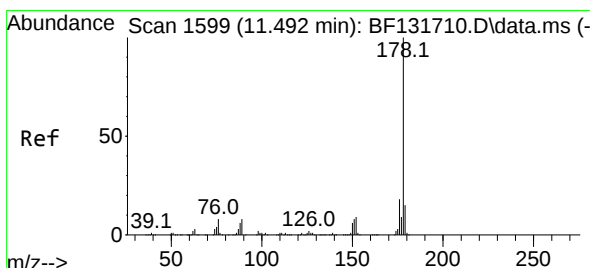
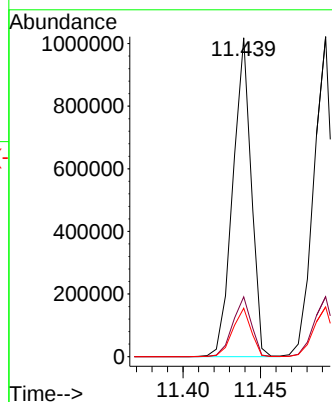
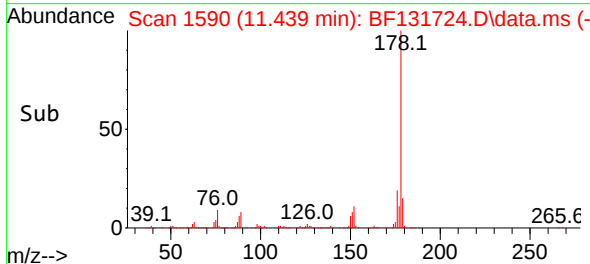
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



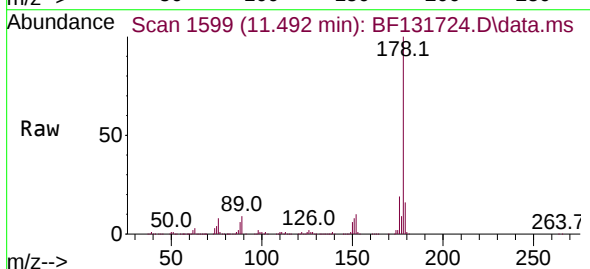
Tgt Ion:178 Resp: 840281
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.2 12.2 18.4

Manual Integrations
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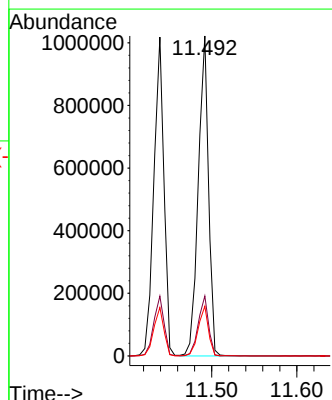
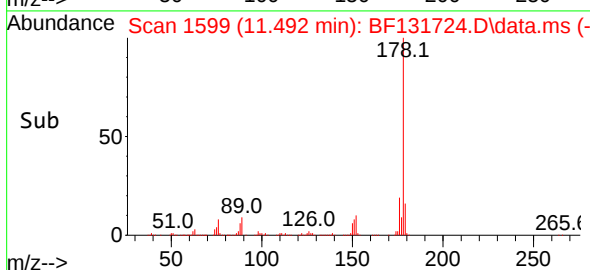
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

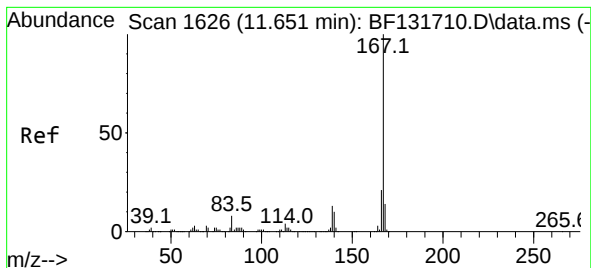


#72
Anthracene
Concen: 44.697 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11



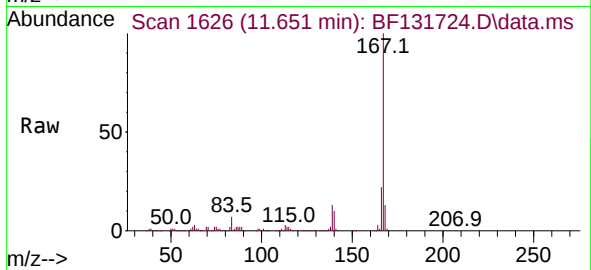
Tgt Ion:178 Resp: 855268
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 42.327 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BF131724.D
 Acq: 20 Dec 2022 21:11

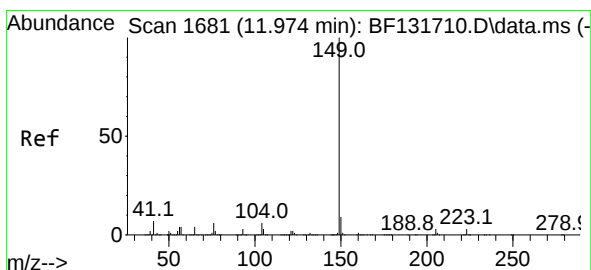
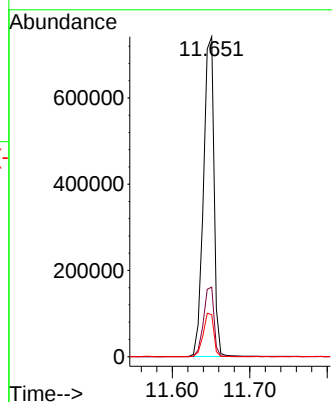
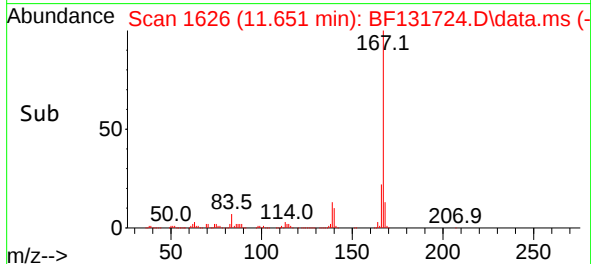
Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP1-COMP-01MSD



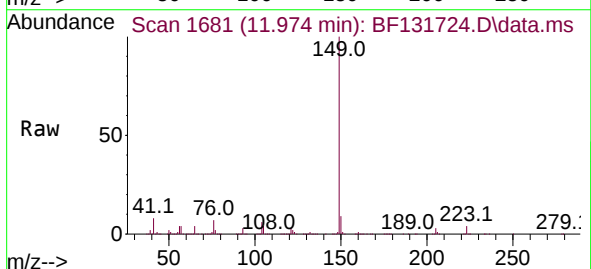
Tgt Ion:167 Resp: 700722
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.1 10.5 15.7

Manual Integrations
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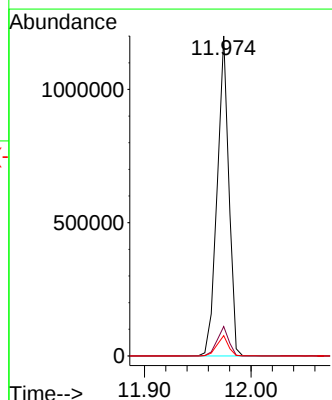
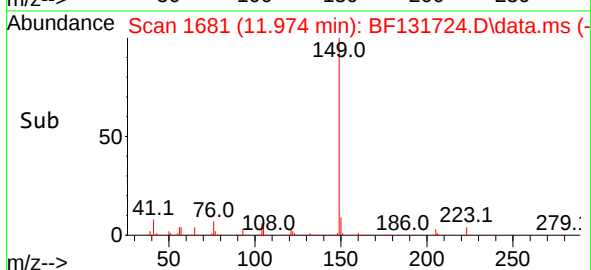
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022

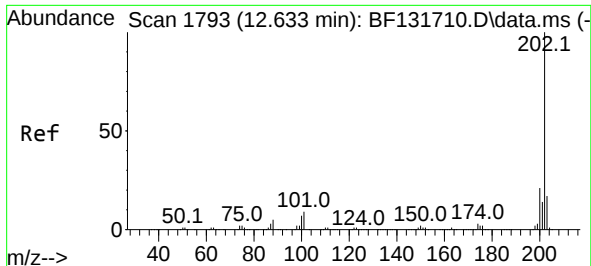


#74
 Di-n-butylphthalate
 Concen: 44.322 ng
 RT: 11.974 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131724.D
 Acq: 20 Dec 2022 21:11



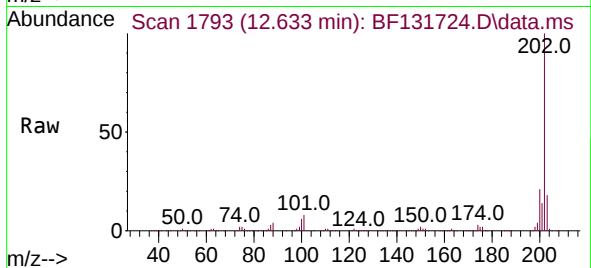
Tgt Ion:149 Resp: 913644
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 6.4 5.0 7.4





#75
Fluoranthene
Concen: 40.039 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

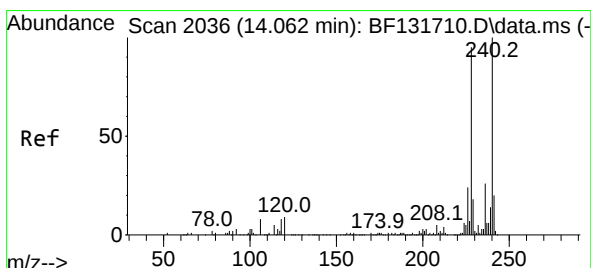
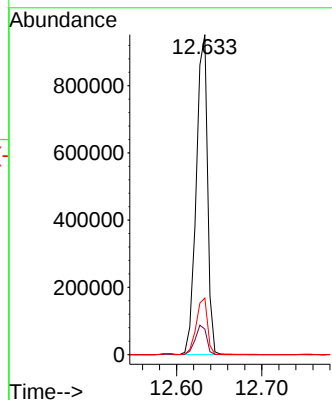
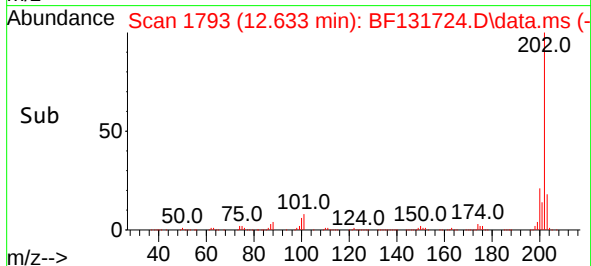
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:202 Resp: 871437
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.8
203 17.7 0.0 37.1

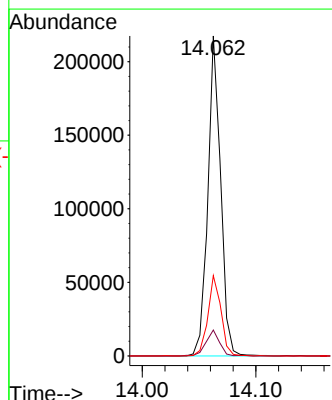
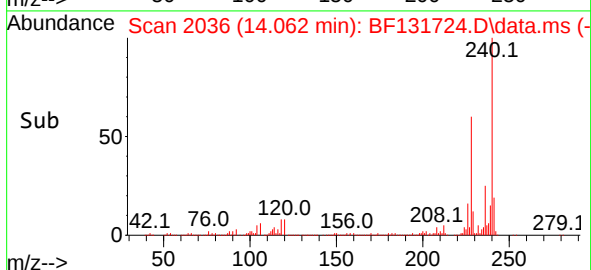
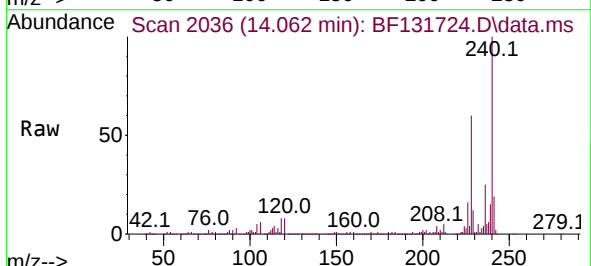
Manual Integrations
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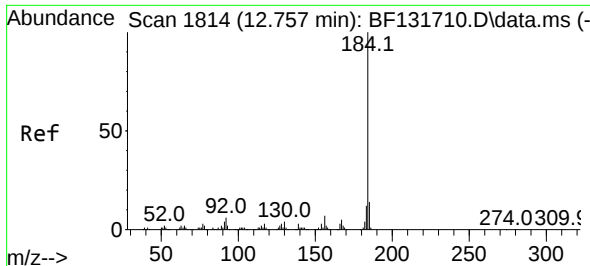
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion:240 Resp: 170061
Ion Ratio Lower Upper
240 100
120 8.1 7.6 11.4
236 25.1 21.2 31.8





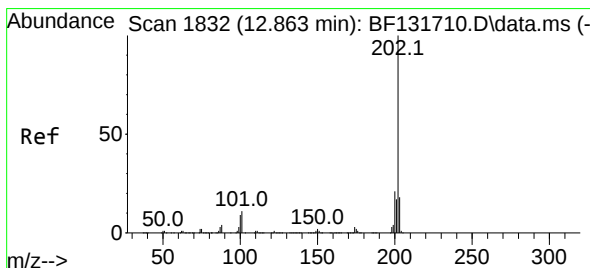
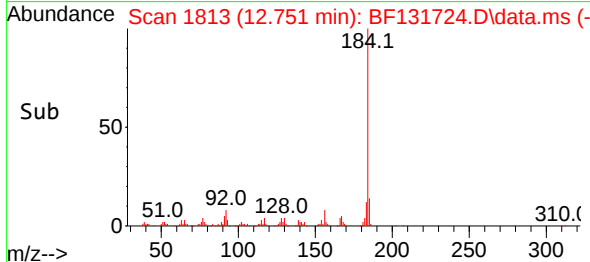
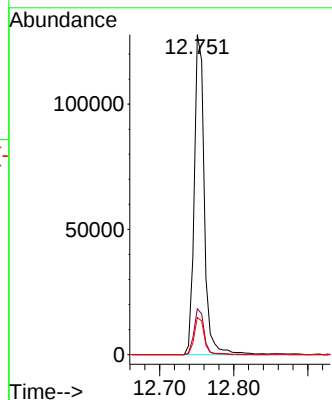
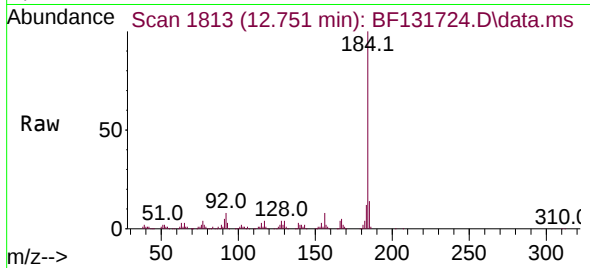
#77
Benzidine
Concen: 38.696 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD

Tgt Ion:184 Resp: 120662
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.6 9.3 13.9

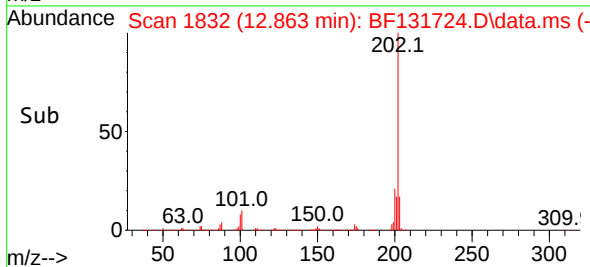
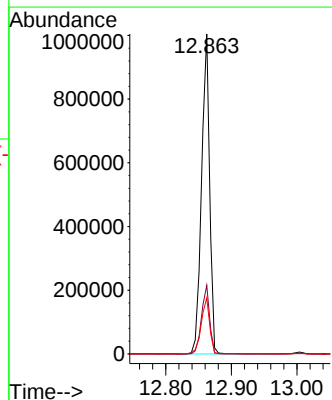
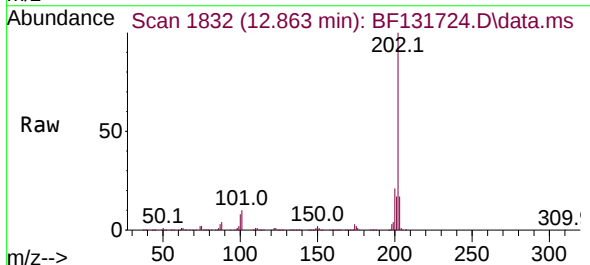
Manual Integrations
APPROVED

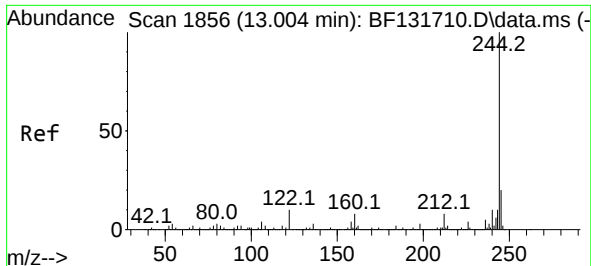
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#78
Pyrene
Concen: 55.071 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

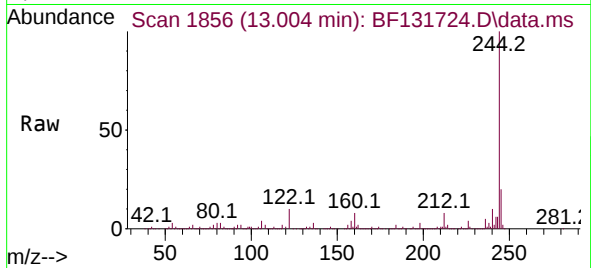
Tgt Ion:202 Resp: 851490
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.5 14.1 21.1





#79
 Terphenyl-d14
 Concen: 119.657 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131724.D
 Acq: 20 Dec 2022 21:11

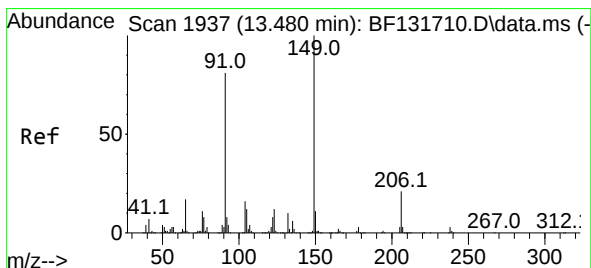
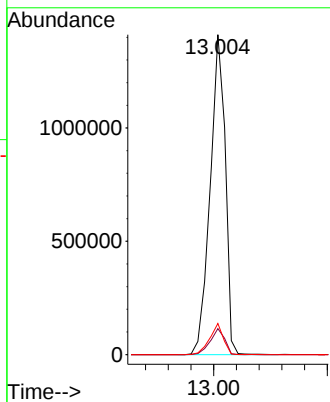
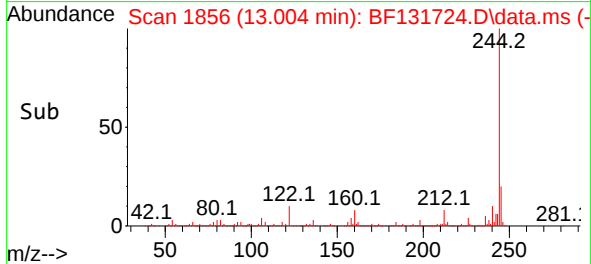
Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP1-COMP-01MSD



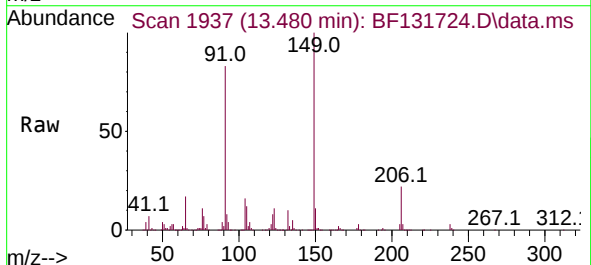
Tgt Ion:244 Resp: 1305660
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.7 7.7 11.5

Manual Integrations
 APPROVED

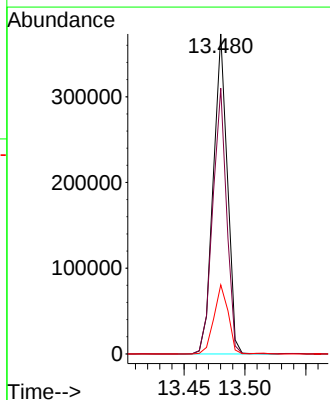
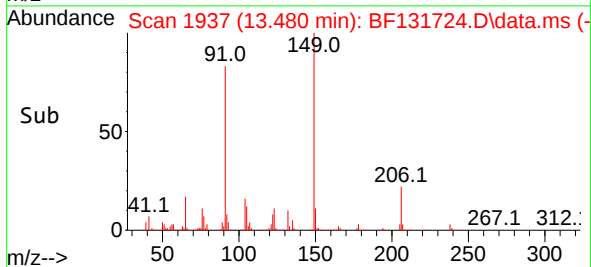
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022

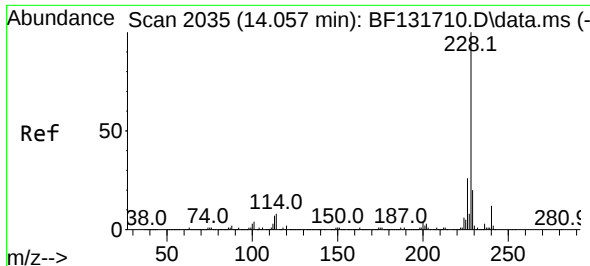


#80
 Butylbenzylphthalate
 Concen: 54.811 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: BF131724.D
 Acq: 20 Dec 2022 21:11



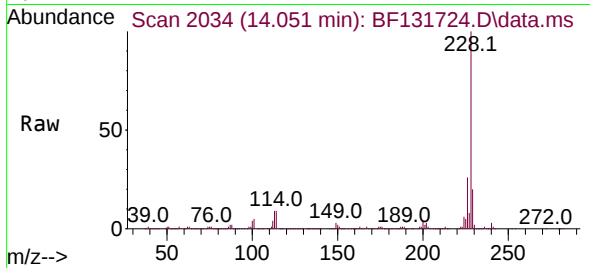
Tgt Ion:149 Resp: 298903
 Ion Ratio Lower Upper
 149 100
 91 83.0 64.9 97.3
 206 21.6 17.0 25.4





#81
Benzo(a)anthracene
Concen: 45.523 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

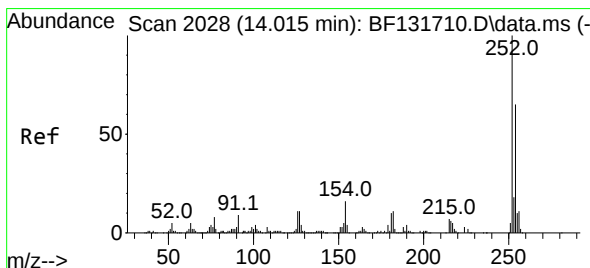
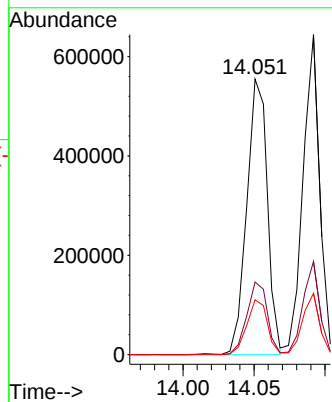
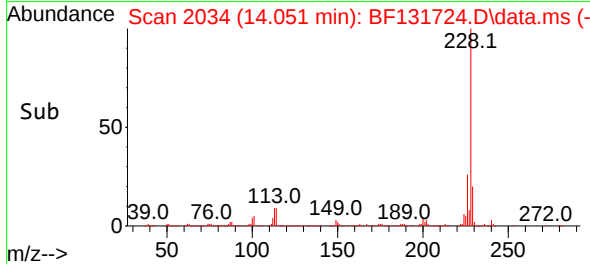
Instrument : BNA_F
ClientSampleId : FVSUB-TP1-COMP-01MSD



Tgt Ion:228 Resp: 557558
Ion Ratio Lower Upper
228 100
226 26.4 21.0 31.4
229 19.9 15.8 23.8

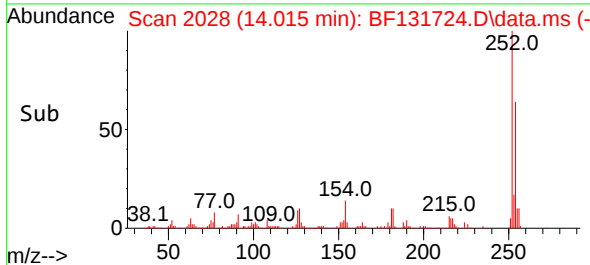
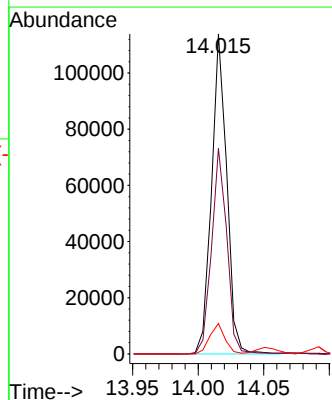
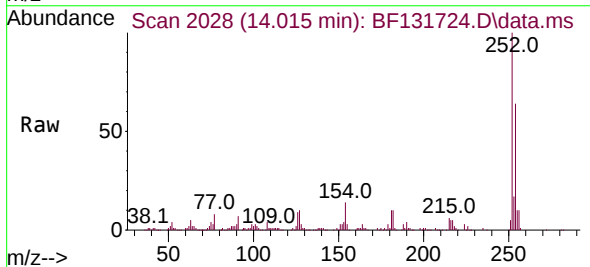
Manual Integrations
APPROVED

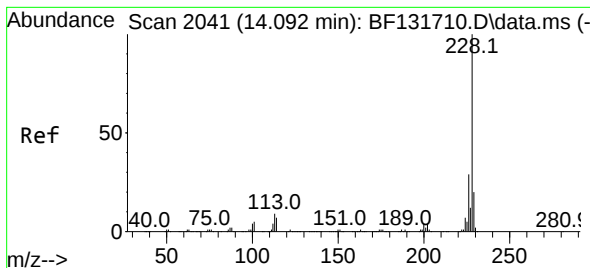
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#82
3,3'-Dichlorobenzidine
Concen: 26.908 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion:252 Resp: 92014
Ion Ratio Lower Upper
252 100
254 64.2 52.1 78.1
126 9.5 8.4 12.6





#83

Chrysene

Concen: 45.865 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131724.D

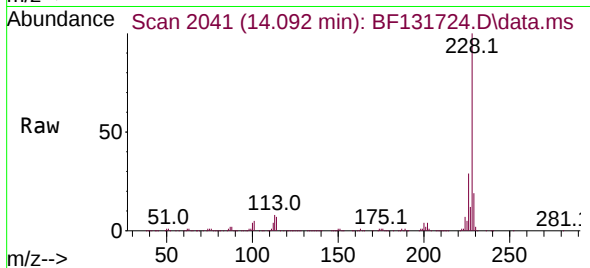
Acq: 20 Dec 2022 21:11

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP1-COMP-01MSD



Tgt Ion:228 Resp: 530209

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

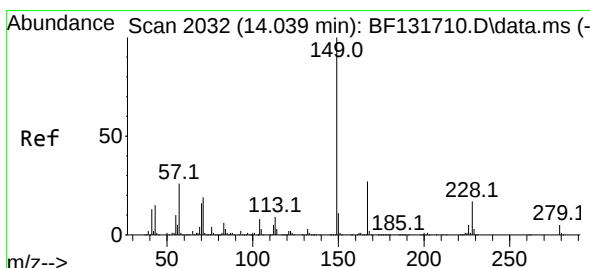
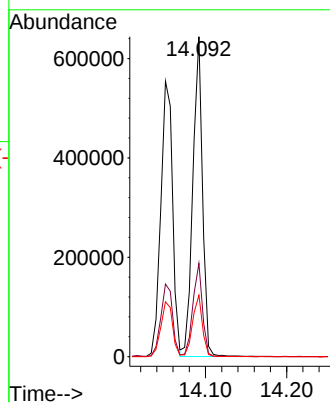
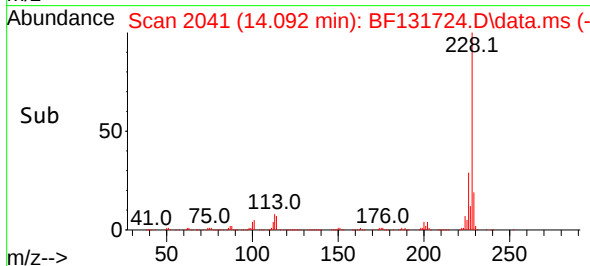
229 19.2 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.233 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131724.D

Acq: 20 Dec 2022 21:11

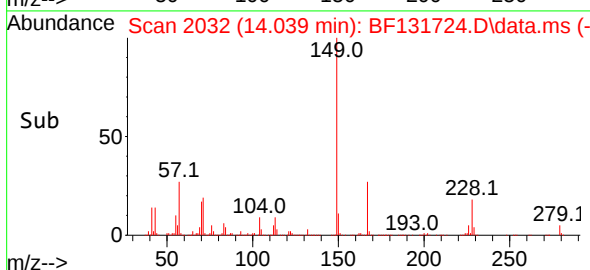
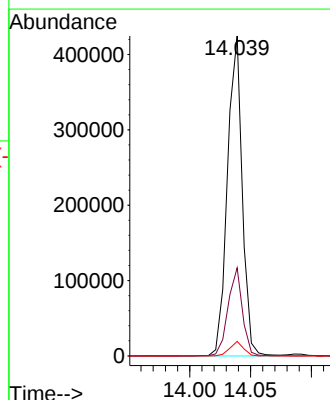
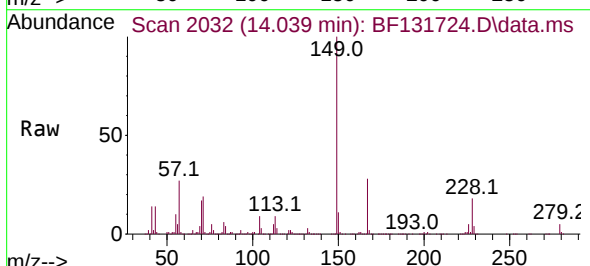
Tgt Ion:149 Resp: 359161

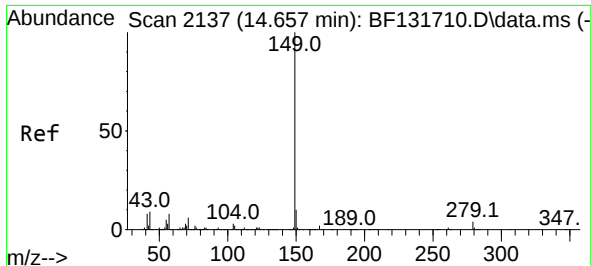
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

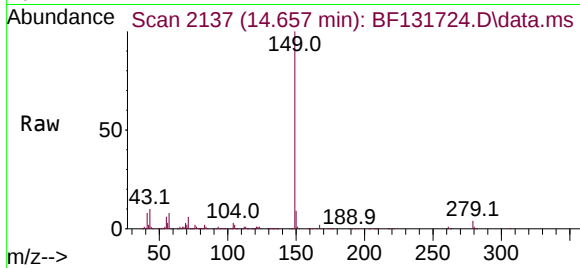
279 4.5 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 55.515 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

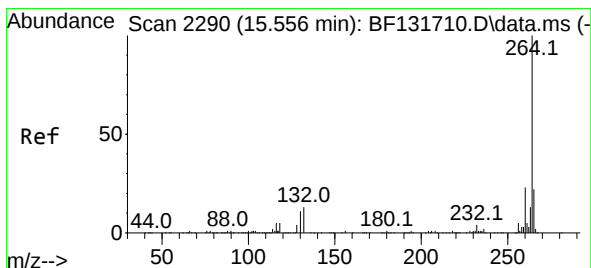
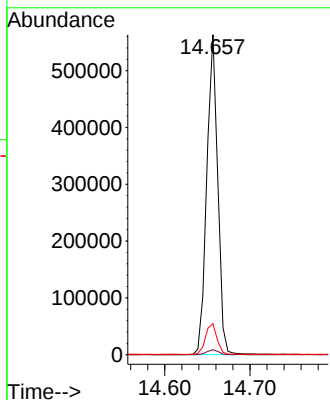
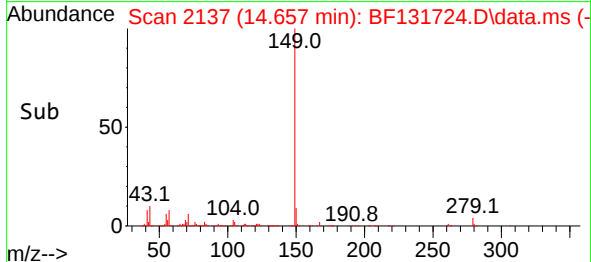
Instrument :
BNA_F
ClientSampleId :
FVSub-TP1-COMP-01MSD



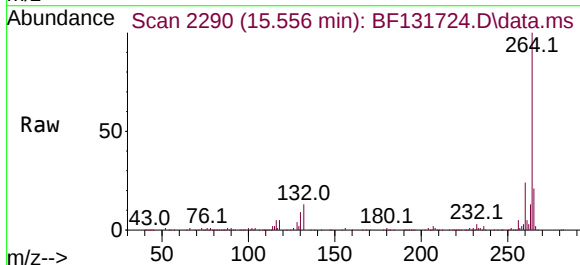
Tgt Ion:149 Resp: 503918
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.0 8.3 12.5

Manual Integrations
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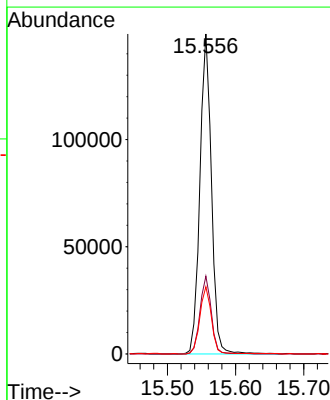
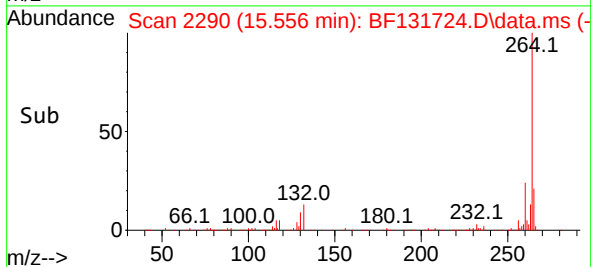
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

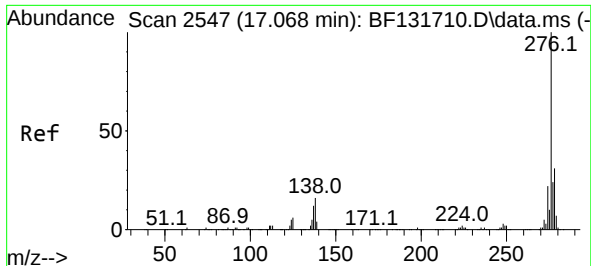


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11



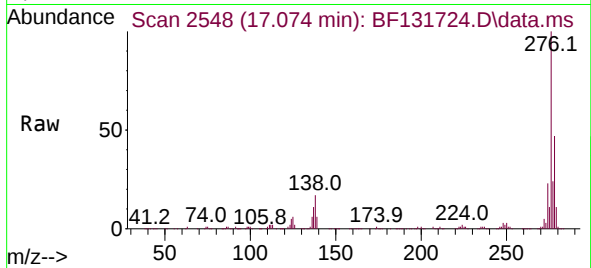
Tgt Ion:264 Resp: 175449
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 21.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.655 ng
RT: 17.074 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

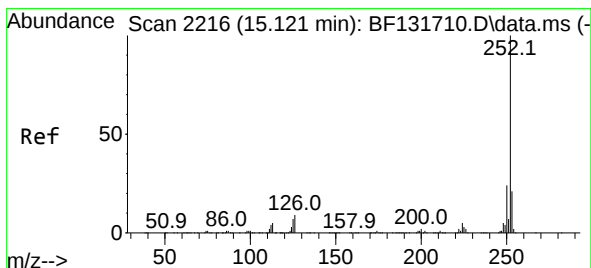
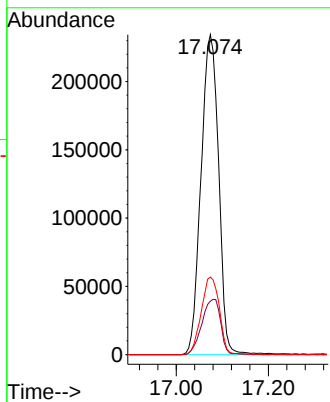
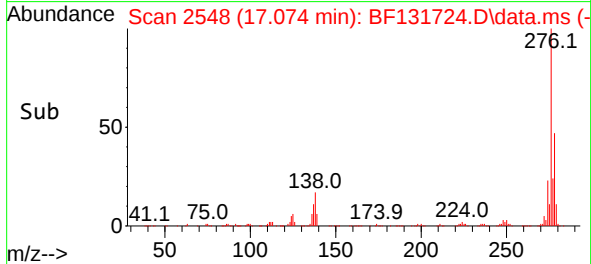
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:276 Resp: 620519
Ion Ratio Lower Upper
276 100
138 18.3 14.4 21.6
277 24.8 19.8 29.8

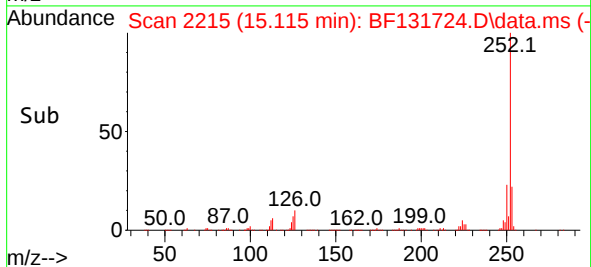
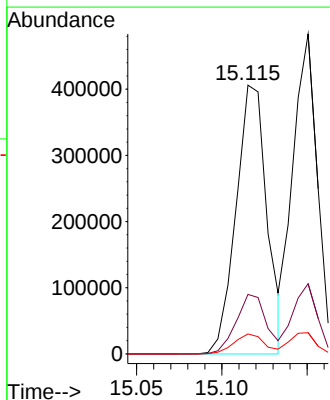
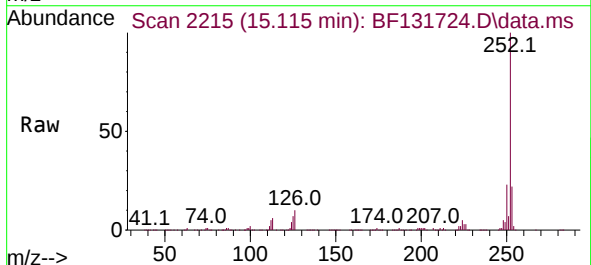
Manual Integrations
APPROVED

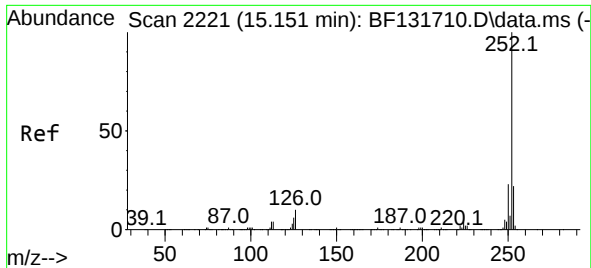
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#88
Benzo(b)fluoranthene
Concen: 41.332 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

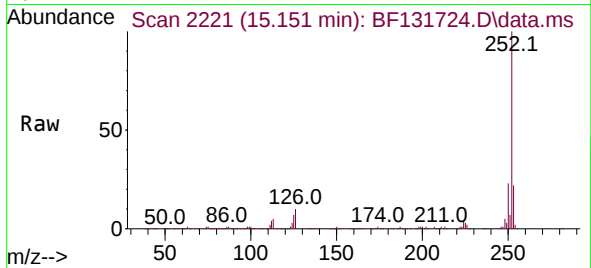
Tgt Ion:252 Resp: 513047
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 7.4 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 40.817 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

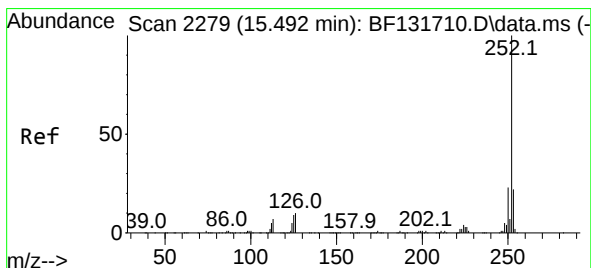
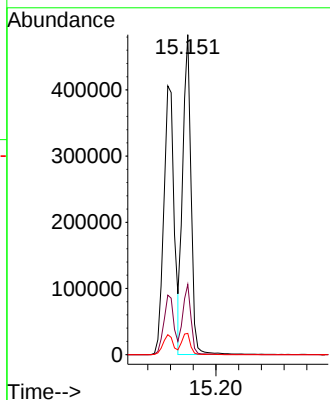
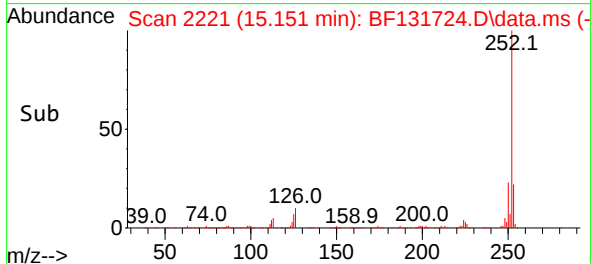
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:252 Resp: 494383
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 6.6 5.2 7.8

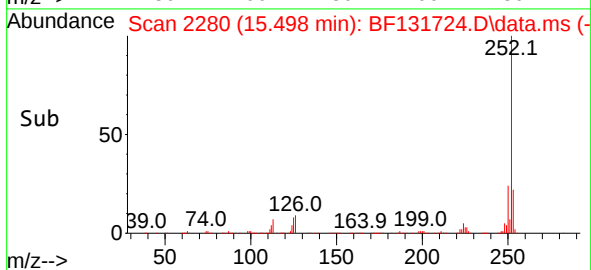
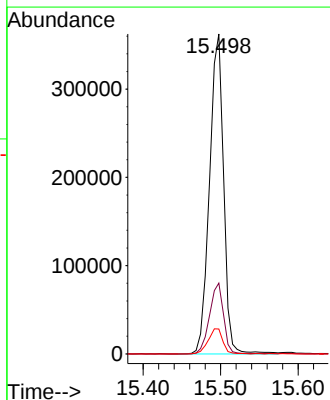
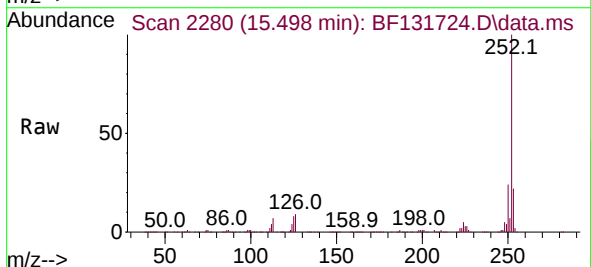
Manual Integrations
APPROVED

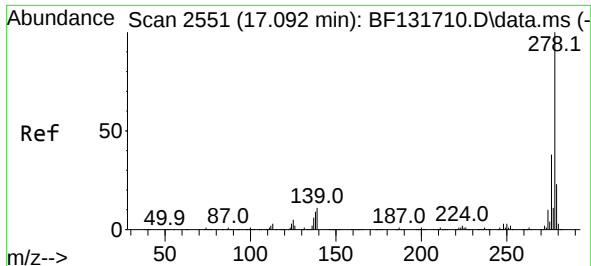
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#90
Benzo(a)pyrene
Concen: 46.650 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

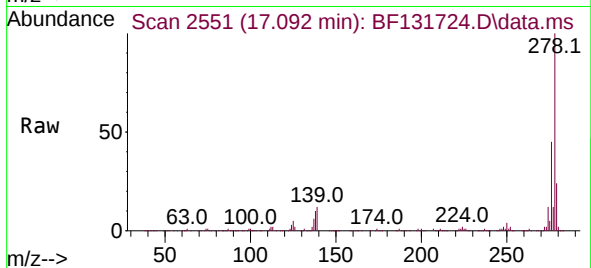
Tgt Ion:252 Resp: 458677
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 7.8 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 52.983 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

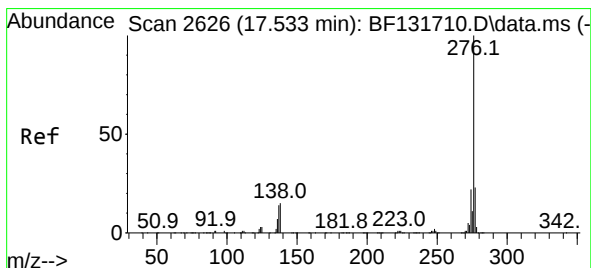
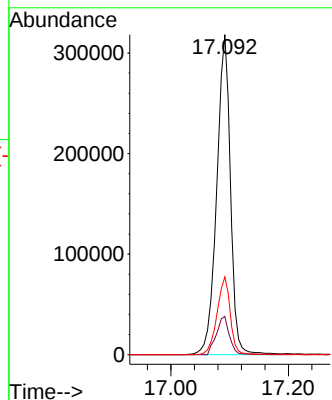
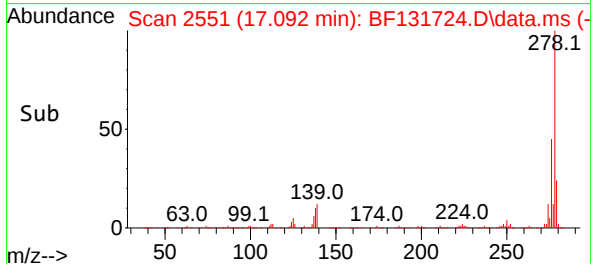
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP1-COMP-01MSD



Tgt Ion:278 Resp: 515996
Ion Ratio Lower Upper
278 100
139 11.9 8.7 13.1
279 24.3 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#92
Benzo(g,h,i)perylene
Concen: 52.065 ng
RT: 17.533 min Scan# 2626
Delta R.T. 0.000 min
Lab File: BF131724.D
Acq: 20 Dec 2022 21:11

Tgt Ion:276 Resp: 501173
Ion Ratio Lower Upper
276 100
277 22.6 18.3 27.5
138 15.4 12.3 18.5

