

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131729.D
 Acq On : 20 Dec 2022 23:48
 Operator : CG\JU
 Sample : N6071-11MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP8-COMP-08MSD

Quant Time: Dec 21 04:50:25 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	6.863	152	77508	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	294249	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	171087	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	326902	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	161232	20.000	ng	0.00
86) Perylene-d12	15.556	264	164963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	595837	129.448	ng	0.01
7) Phenol-d6	6.504	99	801524	129.374	ng	0.00
23) Nitrobenzene-d5	7.439	82	532445	73.459	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	226063	120.721	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	847939	69.427	ng	0.00
79) Terphenyl-d14	13.004	244	876862	84.761	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	98797	45.931	ng	98
3) Pyridine	3.416	79	275114	44.855	ng	100
4) n-Nitrosodimethylamine	3.387	42	138029	49.741	ng	99
6) Aniline	6.528	93	376931	49.281	ng	98
8) 2-Chlorophenol	6.651	128	255161	51.612	ng	98
9) Benzaldehyde	6.416	77	213025	61.288	ng	99
10) Phenol	6.516	94	365708	49.441	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	269714	50.954	ng	98
12) 1,3-Dichlorobenzene	6.804	146	274506	49.120	ng	99
13) 1,4-Dichlorobenzene	6.881	146	276057	48.325	ng	97
14) 1,2-Dichlorobenzene	7.033	146	265133	49.571	ng	99
15) Benzyl Alcohol	7.016	79	279493	50.509	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	342540	50.751	ng	100
17) 2-Methylphenol	7.128	107	231431	49.587	ng	98
18) Hexachloroethane	7.380	117	113408	50.081	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	218665	48.938	ng	99
20) 3+4-Methylphenols	7.280	107	290996	48.444	ng	98
22) Acetophenone	7.280	105	414439	48.264	ng	# 91
24) Nitrobenzene	7.457	77	336658	45.688	ng	98
25) Isophorone	7.698	82	618908	50.280	ng	100
26) 2-Nitrophenol	7.775	139	137464	47.734	ng	96
27) 2,4-Dimethylphenol	7.810	122	228154	55.626	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	347387	53.145	ng	98
29) 2,4-Dichlorophenol	8.016	162	236587	47.780	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	271516	46.644	ng	99
31) Naphthalene	8.180	128	732152	45.561	ng	99
32) Benzoic acid	7.945	122	142181	43.306	ng	95
33) 4-Chloroaniline	8.227	127	234015	37.340	ng	99
34) Hexachlorobutadiene	8.292	225	179486	45.829	ng	99
35) Caprolactam	8.610	113	72162m	48.332	ng	
36) 4-Chloro-3-methylphenol	8.716	107	272294	48.140	ng	99
37) 2-Methylnaphthalene	8.874	142	505406	46.107	ng	100
38) 1-Methylnaphthalene	8.975	142	470747	44.341	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	290912	49.700	ng	99
41) Hexachlorocyclopentadiene	9.022	237	330137	124.490	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	188318	49.250	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	197974	47.827	ng	99
46) 1,1'-Biphenyl	9.339	154	642300	49.910	ng	100
47) 2-Chloronaphthalene	9.369	162	516373	49.002	ng	99
48) 2-Nitroaniline	9.469	65	184049	48.457	ng	98
49) Acenaphthylene	9.786	152	767276	48.545	ng	99
50) Dimethylphthalate	9.645	163	625682	48.603	ng	99
51) 2,6-Dinitrotoluene	9.710	165	134996	48.768	ng	97
52) Acenaphthene	9.957	154	460495	47.560	ng	99
53) 3-Nitroaniline	9.880	138	106655	37.656	ng	99
54) 2,4-Dinitrophenol	9.986	184	124730	75.202	ng	90
55) Dibenzofuran	10.127	168	715979	48.223	ng	100
56) 4-Nitrophenol	10.051	139	181353	89.461	ng	94
57) 2,4-Dinitrotoluene	10.116	165	185302	49.817	ng	99
58) Fluorene	10.474	166	570562	47.531	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	154852m	44.810	ng	
60) Diethylphthalate	10.345	149	599414	48.323	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	309863	48.567	ng	100
62) 4-Nitroaniline	10.504	138	122887	43.110	ng	97
63) Azobenzene	10.627	77	703021	51.610	ng	99
65) 4,6-Dinitro-2-methylph...	10.521	198	95911	42.734	ng	98
66) n-Nitrosodiphenylamine	10.586	169	489304	48.266	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	188261	48.760	ng	98
68) Hexachlorobenzene	11.016	284	204913	48.257	ng	98
69) Atrazine	11.116	200	186119	55.077	ng	98
70) Pentachlorophenol	11.216	266	209467	92.942	ng	97
71) Phenanthrene	11.439	178	828572	46.482	ng	99
72) Anthracene	11.492	178	846040	48.474	ng	99
73) Carbazole	11.651	167	691258	45.778	ng	100
74) Di-n-butylphthalate	11.974	149	907453	48.262	ng	99
75) Fluoranthene	12.633	202	853352	42.985	ng	99
77) Benzidine	12.757	184	316479	107.046	ng	99
78) Pyrene	12.862	202	844916	57.638	ng	100
80) Butylbenzylphthalate	13.480	149	298187	57.674	ng	99
81) Benzo(a)anthracene	14.051	228	560863	48.300	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	143961	44.405	ng	98
83) Chrysene	14.092	228	532853	48.618	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	364500	59.123	ng	100
85) Di-n-octyl phthalate	14.656	149	521413	60.588	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	620105	55.965	ng	99
88) Benzo(b)fluoranthene	15.115	252	520694	44.615	ng	99
89) Benzo(k)fluoranthene	15.151	252	492425	43.239	ng	99
90) Benzo(a)pyrene	15.498	252	462954	50.078	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	515985	56.350	ng	99
92) Benzo(g,h,i)perylene	17.533	276	502147	55.482	ng	99

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

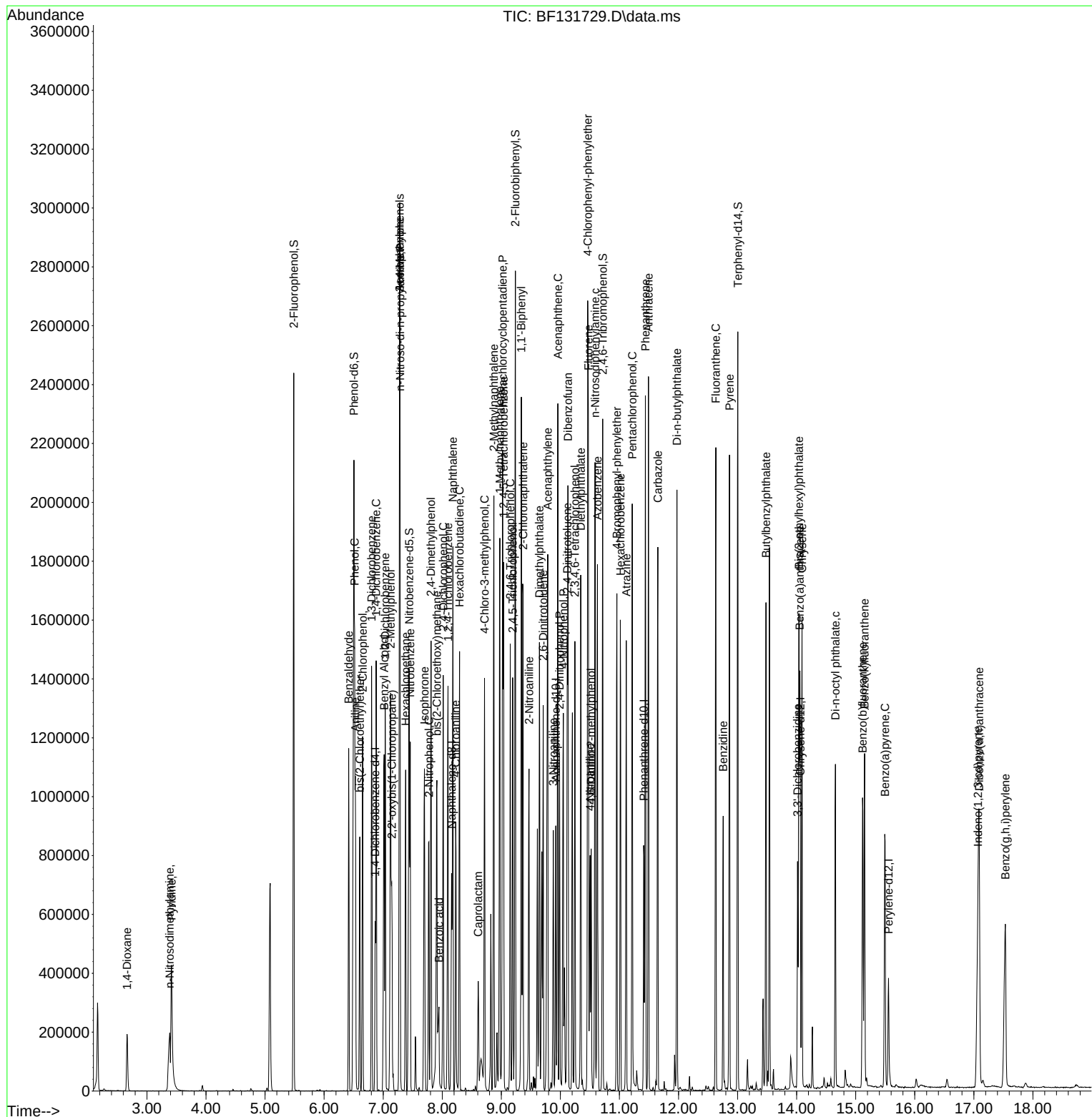
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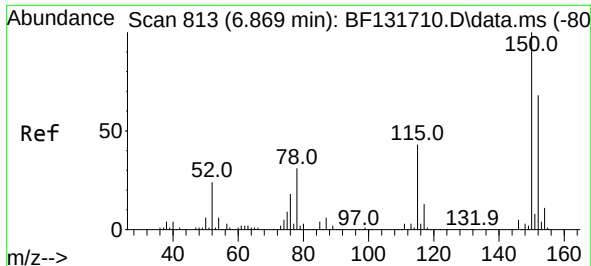
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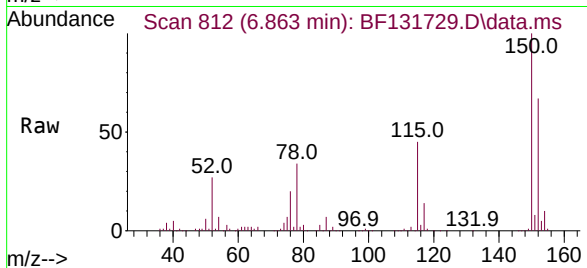
Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131729.D
 Acq: 20 Dec 2022 23:48

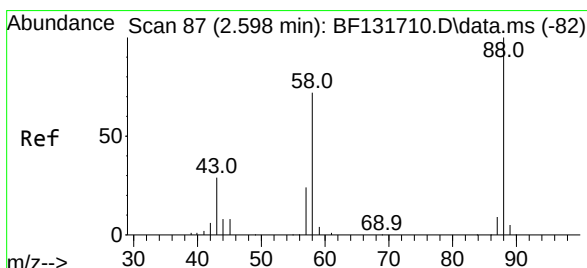
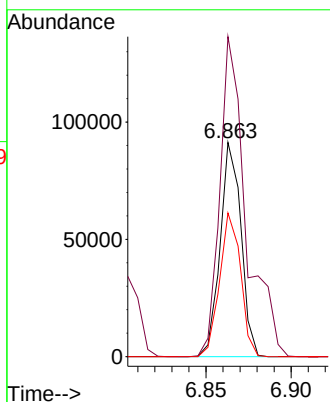
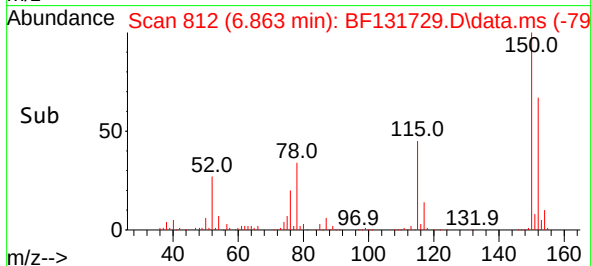
Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP8-COMP-08MSD



Tgt Ion:152 Resp: 77508
 Ion Ratio Lower Upper
 152 100
 150 149.4 117.4 176.0
 115 67.0 50.2 75.4

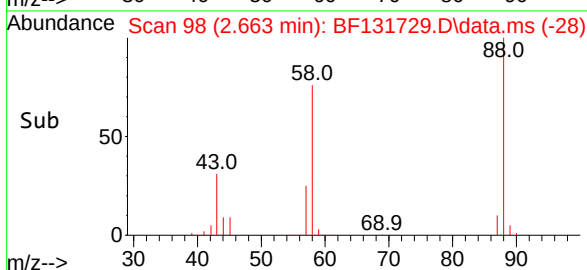
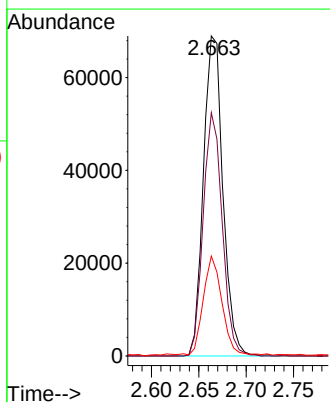
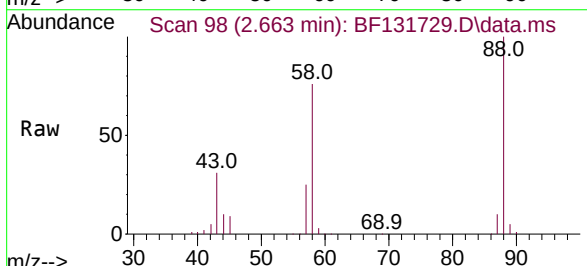
Manual Integrations
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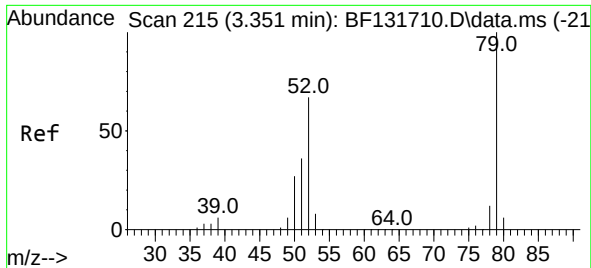
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#2
 1,4-Dioxane
 Concen: 45.931 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.065 min
 Lab File: BF131729.D
 Acq: 20 Dec 2022 23:48

Tgt Ion: 88 Resp: 98797
 Ion Ratio Lower Upper
 88 100
 58 74.1 57.5 86.3
 43 29.2 23.3 34.9





#3

Pyridine

Concen: 44.855 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP8-COMP-08MSD

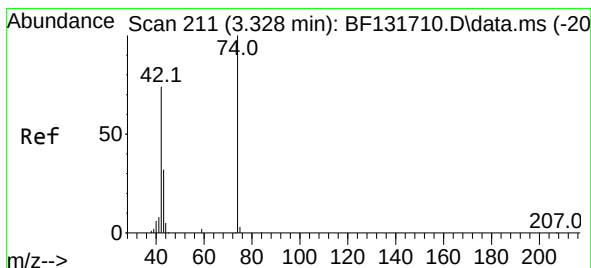
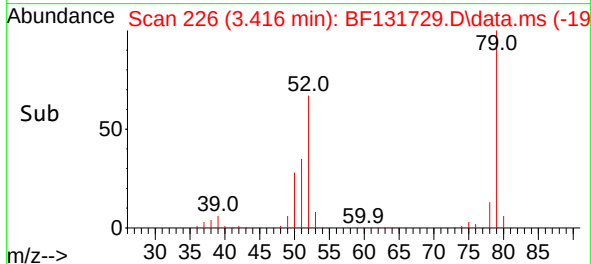
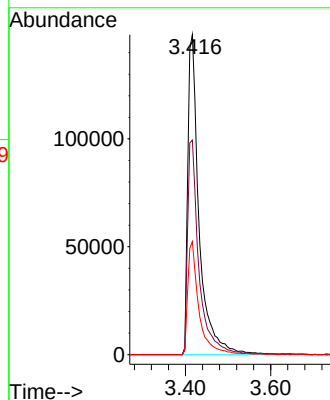
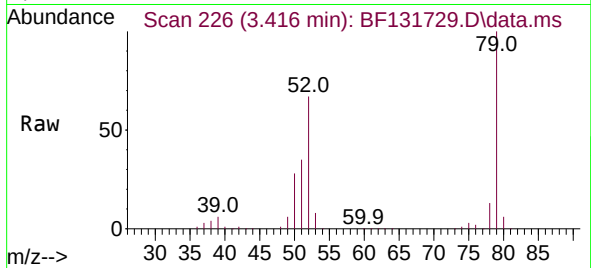
Tgt Ion: 79 Resp: 275114

Ion	Ratio	Lower	Upper
79	100		
52	67.0	53.7	80.5
51	35.3	28.6	42.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 49.741 ng

RT: 3.387 min Scan# 221

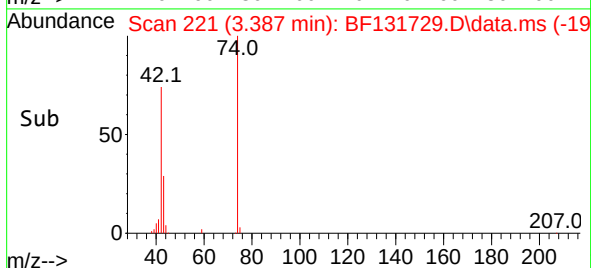
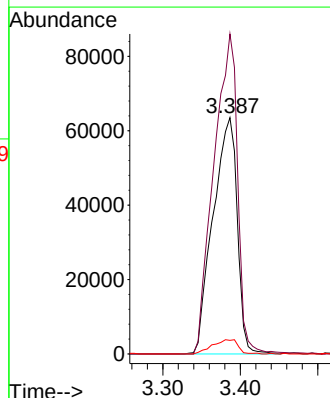
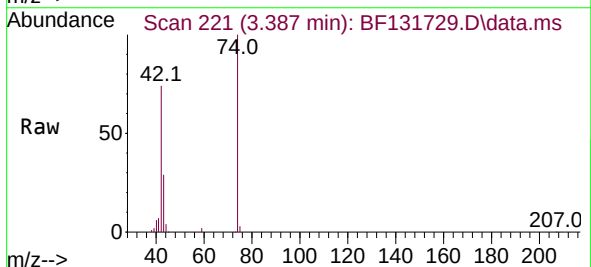
Delta R.T. 0.059 min

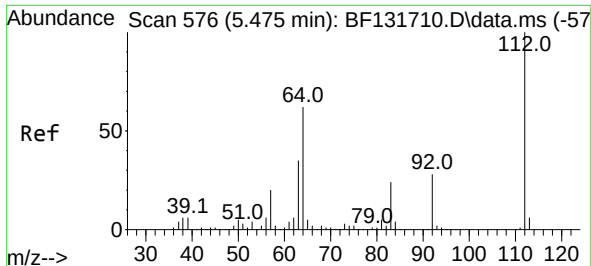
Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Tgt Ion: 42 Resp: 138029

Ion	Ratio	Lower	Upper
42	100		
74	135.5	107.8	161.8
44	5.7	5.5	8.3





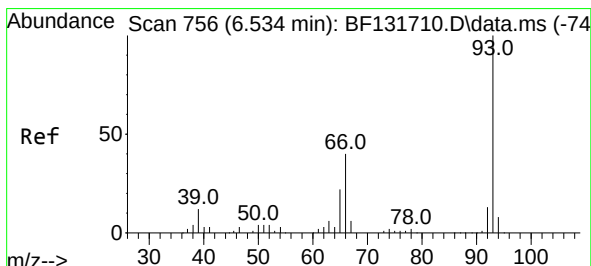
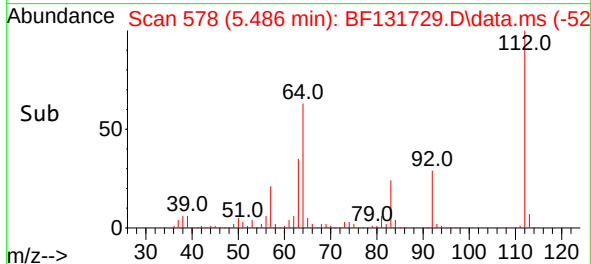
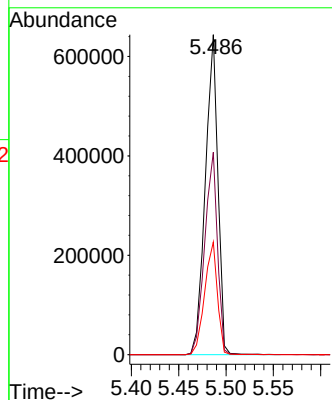
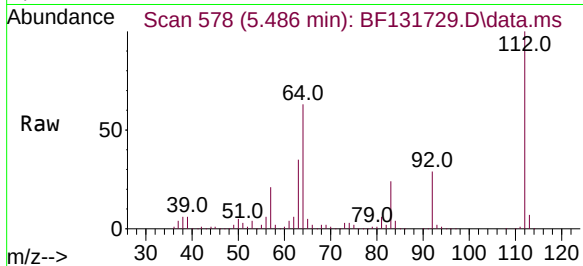
#5
2-Fluorophenol
Concen: 129.448 ng
RT: 5.486 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD

Tgt Ion:112 Resp: 59583
Ion Ratio Lower Upper
112 100
64 63.2 49.5 74.3
63 35.2 28.2 42.2

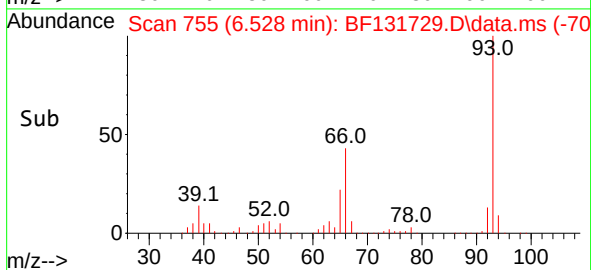
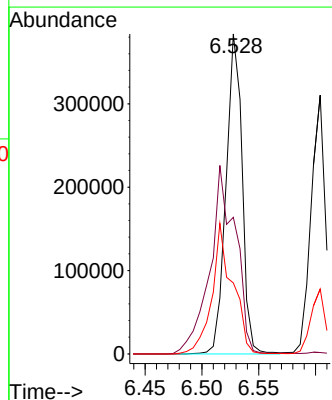
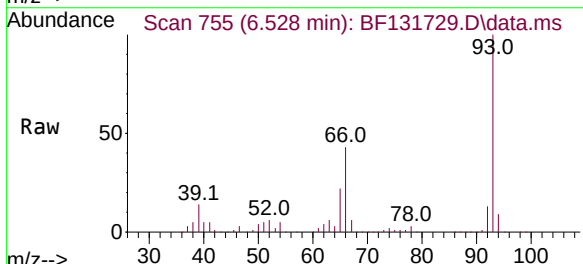
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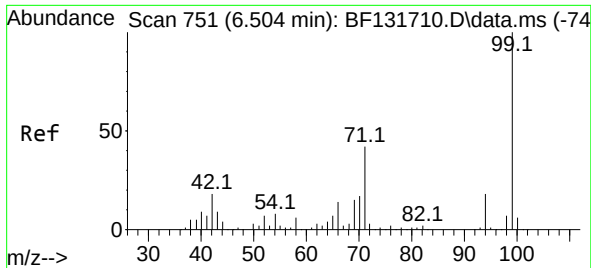
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#6
Aniline
Concen: 49.281 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

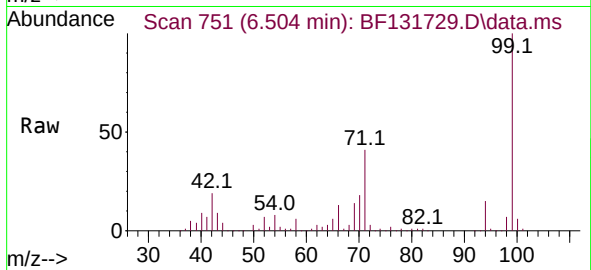
Tgt Ion: 93 Resp: 376931
Ion Ratio Lower Upper
93 100
66 42.7 32.8 49.2
65 22.2 17.4 26.2





#7
Phenol-d6
Concen: 129.374 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

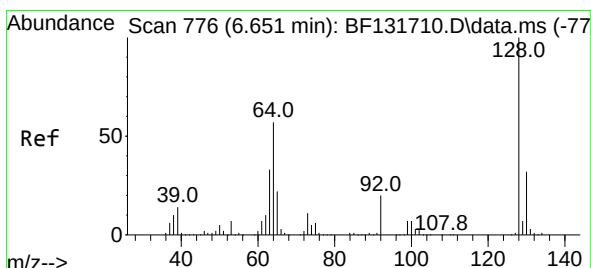
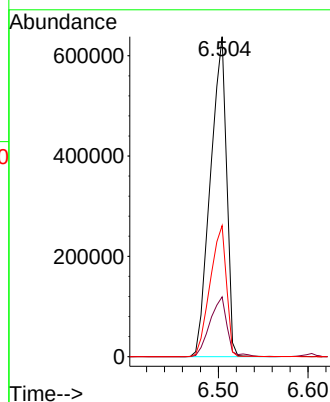
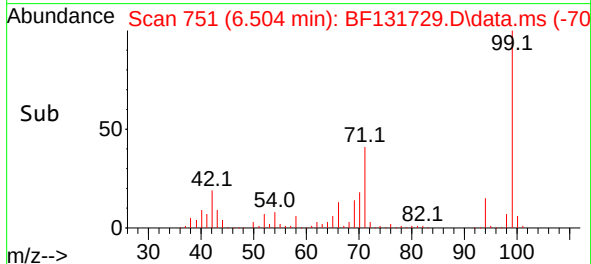
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Tgt Ion: 99 Resp: 801524
Ion Ratio Lower Upper
99 100
42 18.7 14.8 22.2
71 40.9 33.8 50.6

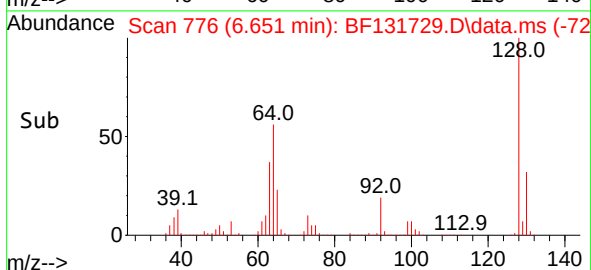
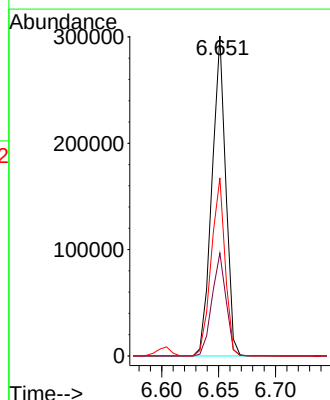
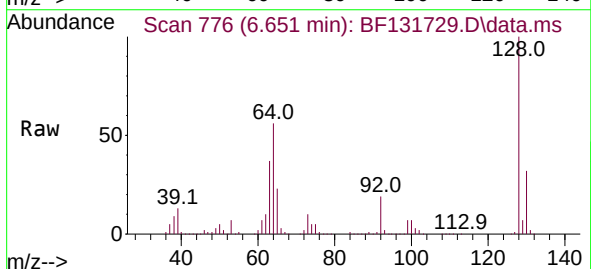
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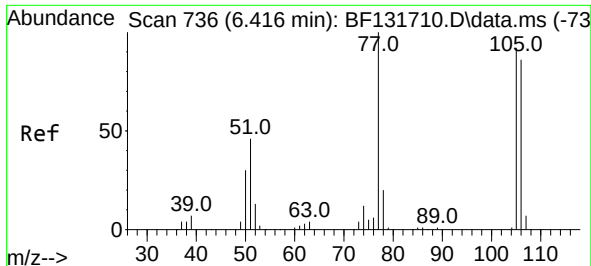
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#8
2-Chlorophenol
Concen: 51.612 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

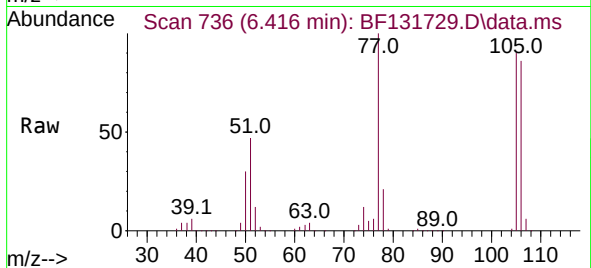
Tgt Ion:128 Resp: 255161
Ion Ratio Lower Upper
128 100
130 32.1 12.0 52.0
64 55.6 37.7 77.7





#9
Benzaldehyde
Concen: 61.288 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

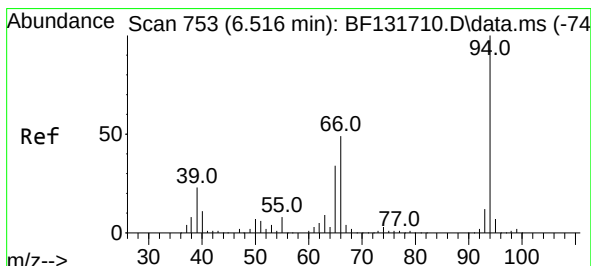
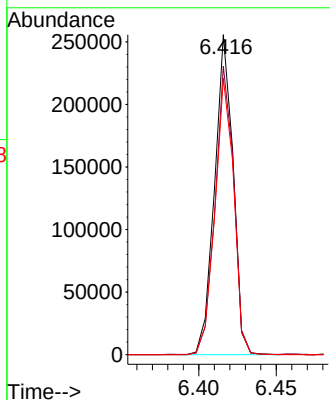
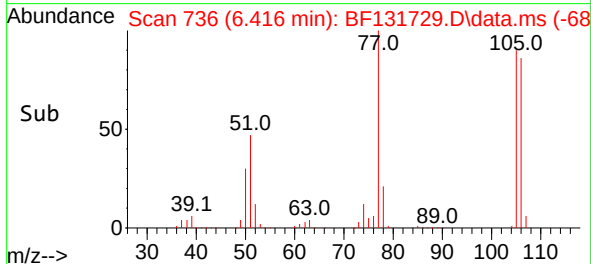
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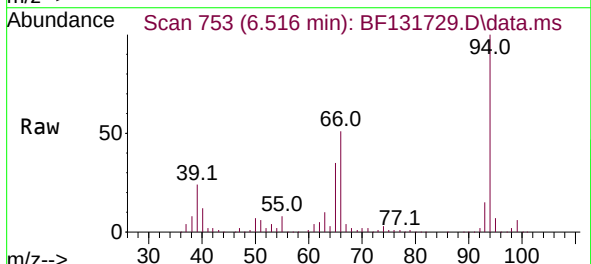
Tgt Ion: 77 Resp: 213025
Ion Ratio Lower Upper
77 100
105 90.2 72.4 112.4
106 86.3 66.5 106.5

Manual Integrations
APPROVED

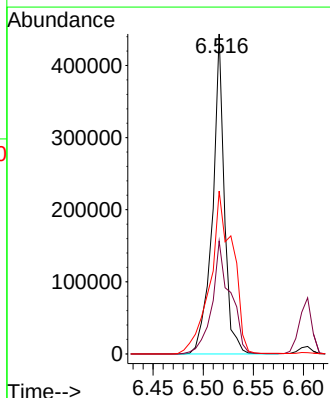
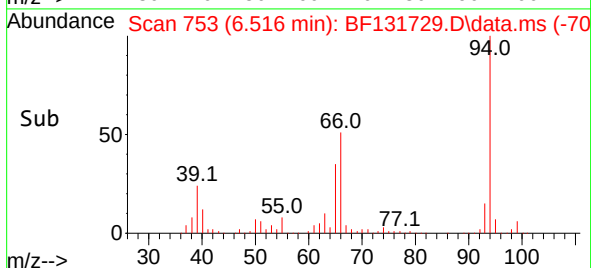
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

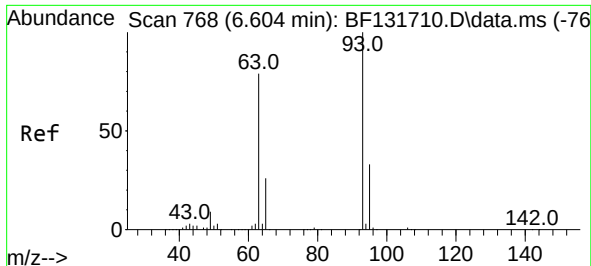


#10
Phenol
Concen: 49.441 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



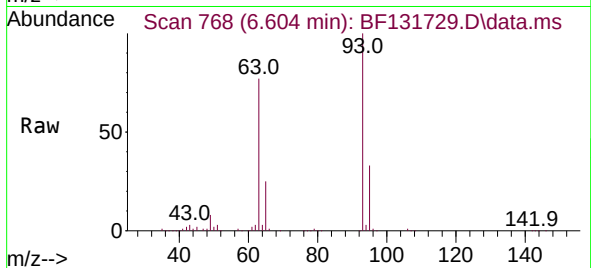
Tgt Ion: 94 Resp: 365708
Ion Ratio Lower Upper
94 100
65 35.3 14.0 54.0
66 50.9 28.8 68.8





#11
bis(2-Chloroethyl)ether
Concen: 50.954 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

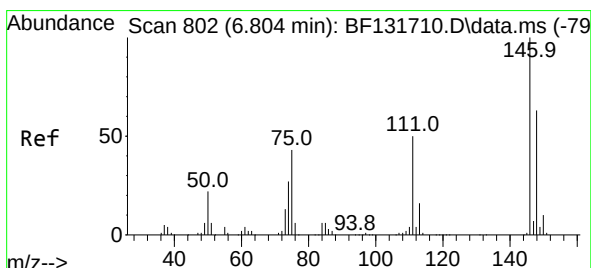
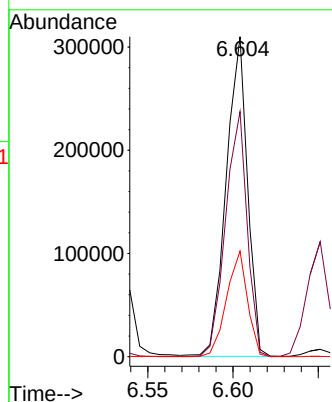
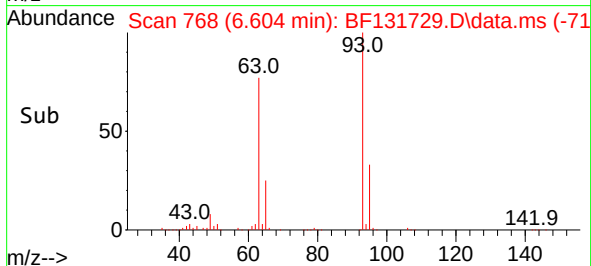
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



Tgt Ion: 93 Resp: 269714
Ion Ratio Lower Upper
93 100
63 76.6 59.0 99.0
95 33.0 12.6 52.6

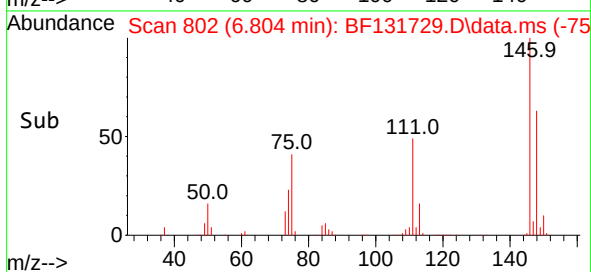
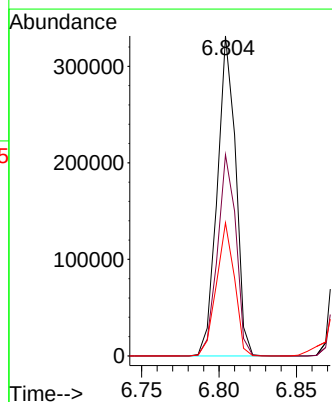
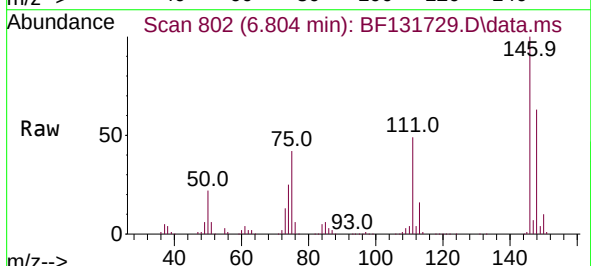
Manual Integrations
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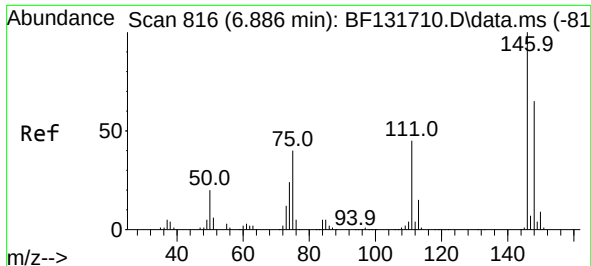
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#12
1,3-Dichlorobenzene
Concen: 49.120 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

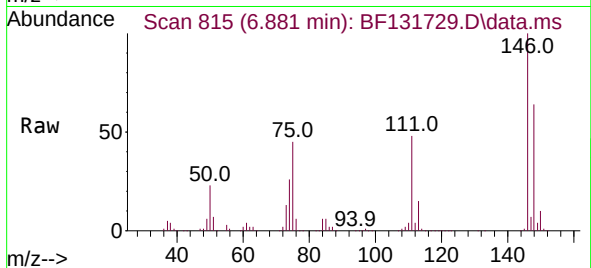
Tgt Ion:146 Resp: 274506
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 41.6 34.3 51.5





#13
1,4-Dichlorobenzene
Concen: 48.325 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

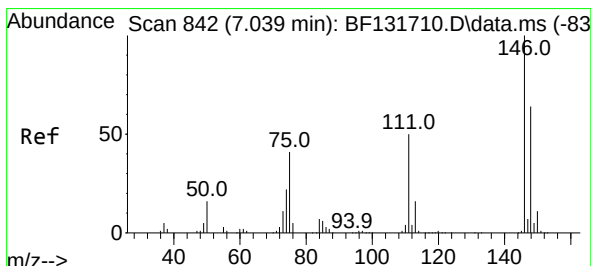
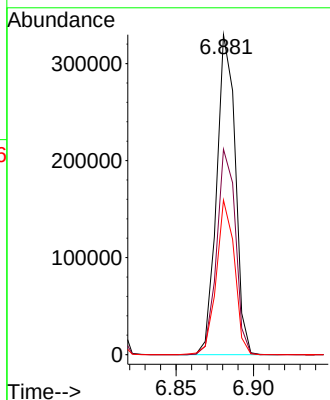
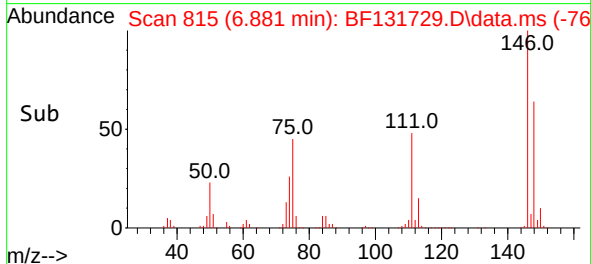
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



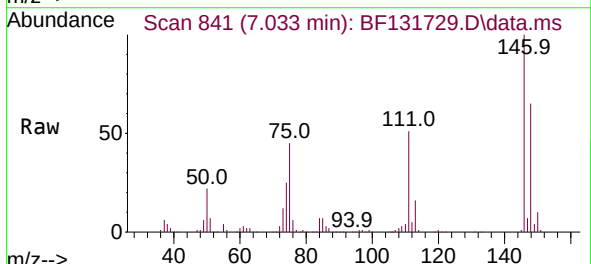
Tgt Ion:146 Resp: 276052
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.4
111 48.3 36.4 54.6

Manual Integrations
APPROVED

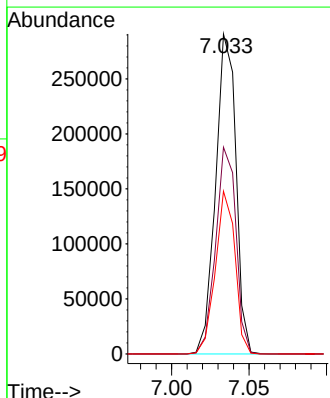
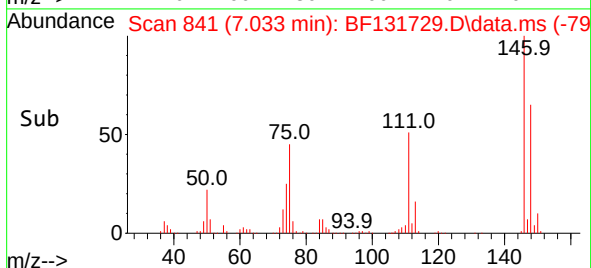
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

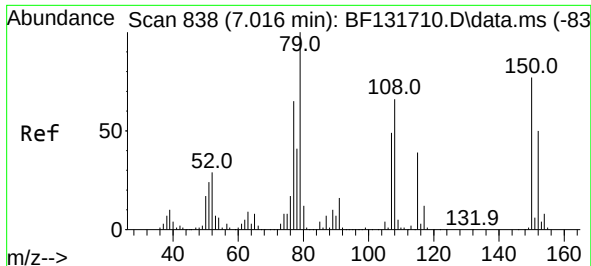


#14
1,2-Dichlorobenzene
Concen: 49.571 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



Tgt Ion:146 Resp: 265133
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
111 50.8 39.8 59.6





#15

Benzyl Alcohol

Concen: 50.509 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF131729.D

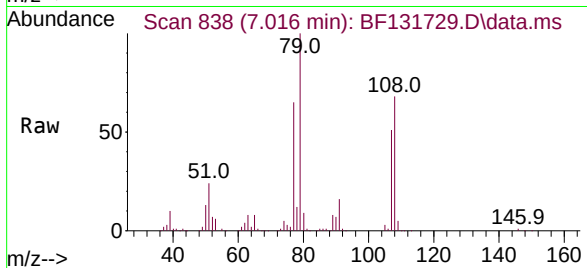
Acq: 20 Dec 2022 23:48

Instrument :

BNA_F

ClientSampleId :

FVSub-TP8-COMP-08MSD

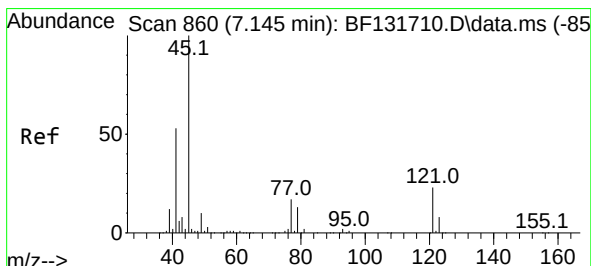
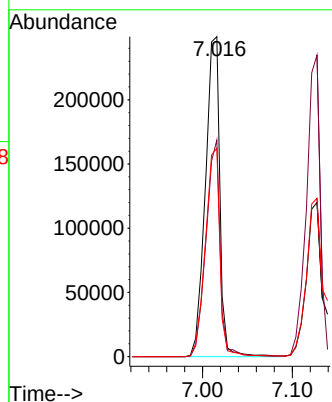


Tgt Ion: 79 Resp: 279493

Ion	Ratio	Lower	Upper
79	100		
108	67.7	52.6	78.8
77	65.2	51.7	77.5

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.751 ng

RT: 7.145 min Scan# 860

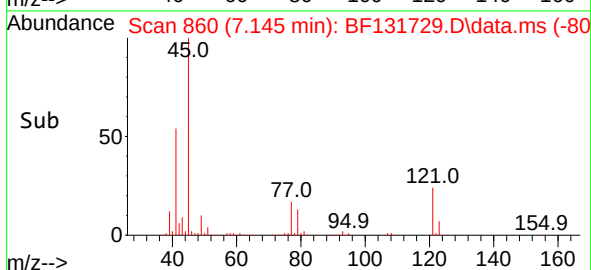
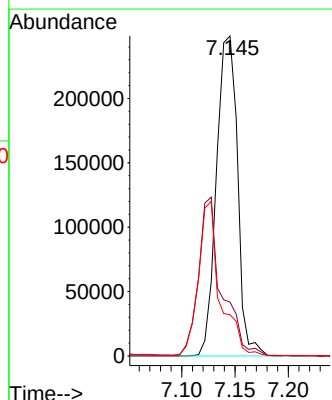
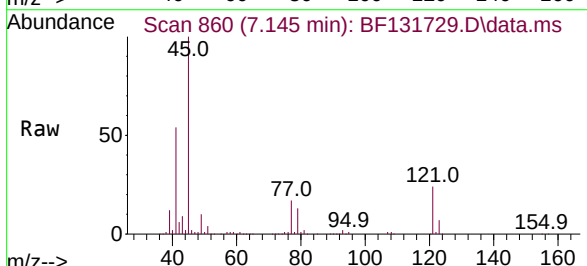
Delta R.T. -0.000 min

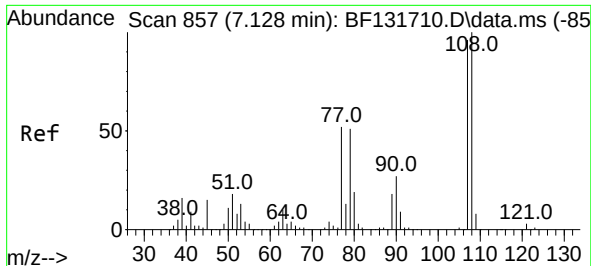
Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Tgt Ion: 45 Resp: 342540

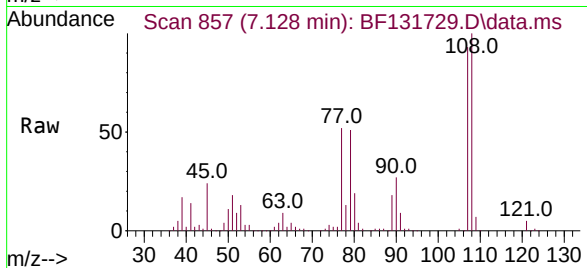
Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.8
79	12.9	0.0	33.1





#17
2-Methylphenol
Concen: 49.587 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

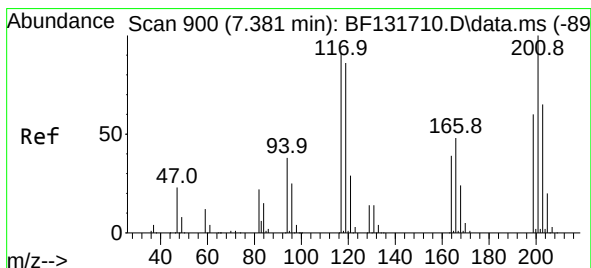
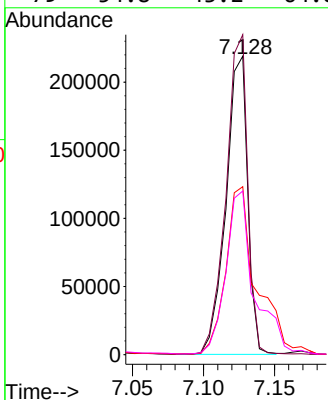
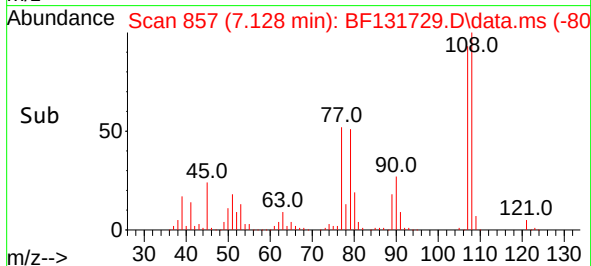
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



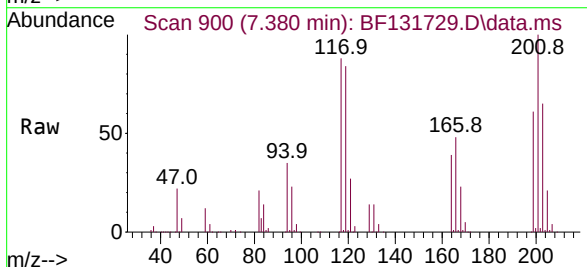
Tgt Ion:107 Resp: 231431
Ion Ratio Lower Upper
107 100
108 107.2 83.8 125.6
77 56.3 43.8 65.8
79 54.8 43.2 64.8

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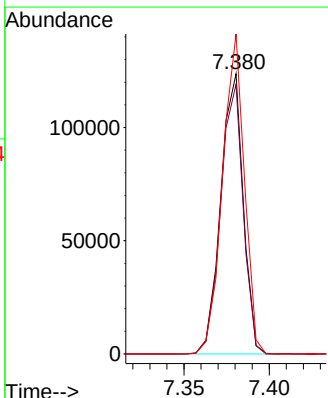
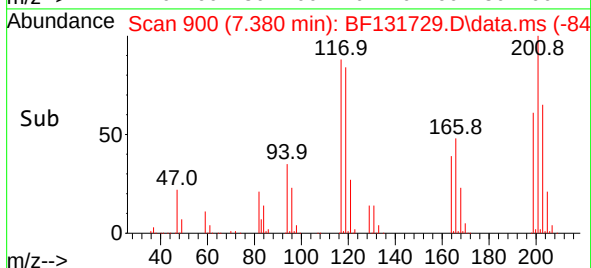
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

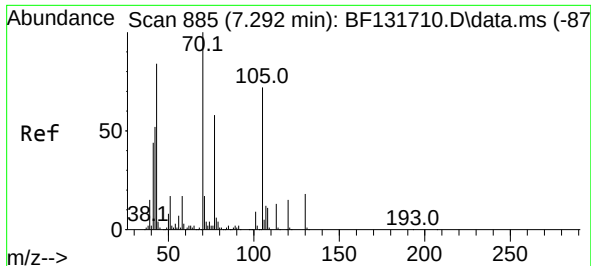


#18
Hexachloroethane
Concen: 50.081 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



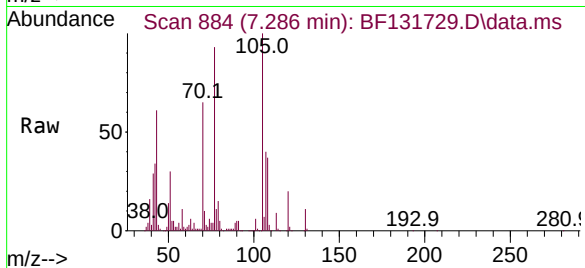
Tgt Ion:117 Resp: 113408
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 114.3 88.2 132.4





#19
n-Nitroso-di-n-propylamine
Concen: 48.938 ng
RT: 7.286 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

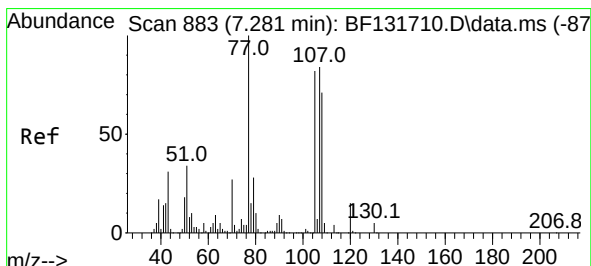
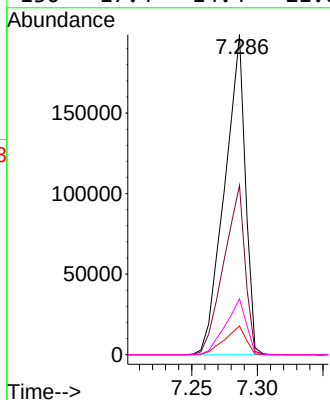
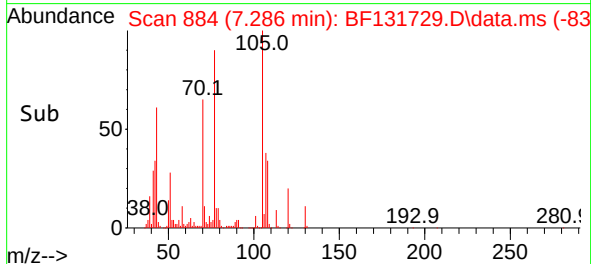
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



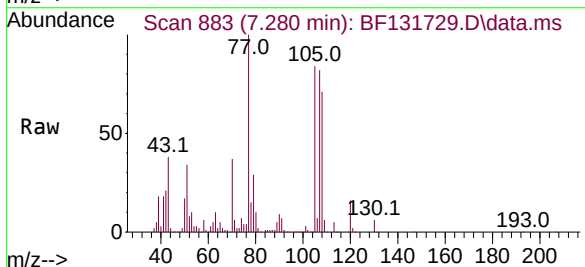
Tgt Ion: 70 Resp: 21865
Ion Ratio Lower Upper
70 100
42 52.9 41.5 62.3
101 8.9 7.3 10.9
130 17.4 14.4 21.6

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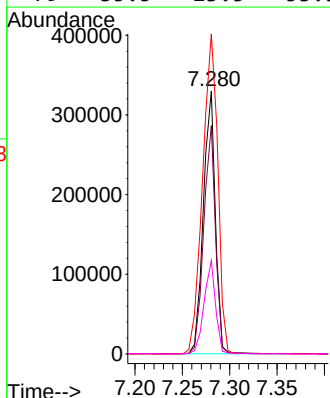
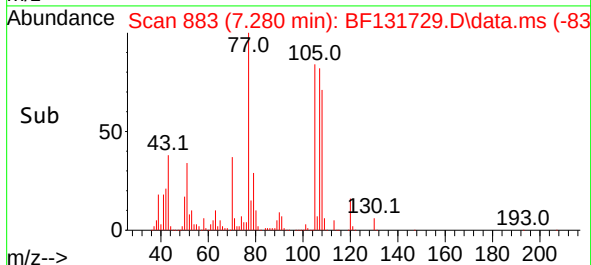
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

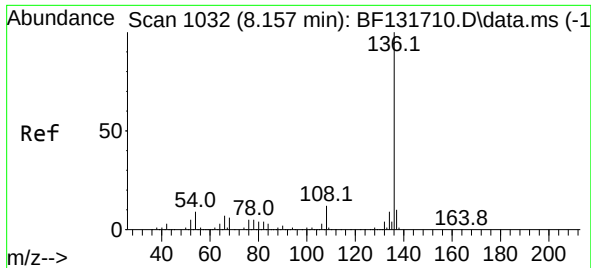


#20
3+4-Methylphenols
Concen: 48.444 ng
RT: 7.280 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



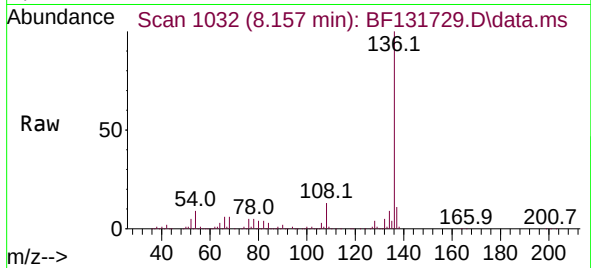
Tgt Ion:107 Resp: 290996
Ion Ratio Lower Upper
107 100
108 86.9 65.2 105.2
77 121.8 99.6 139.6
79 35.5 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

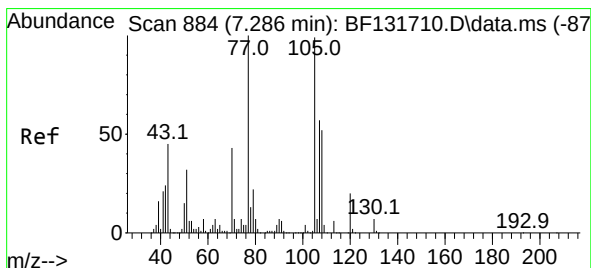
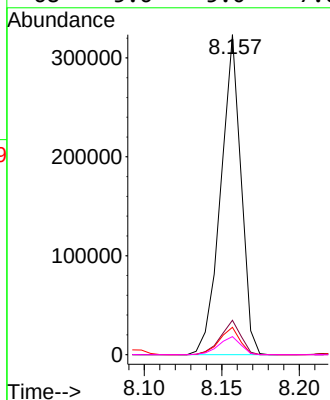
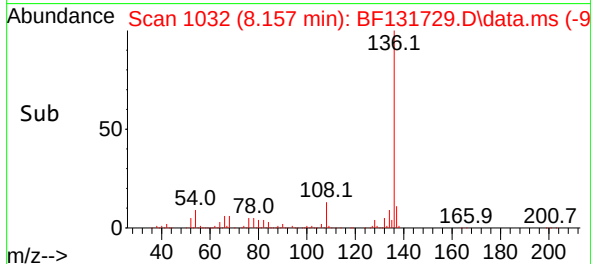
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



Tgt Ion:136 Resp: 294249
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.5 7.2 10.8
68 5.6 5.0 7.6

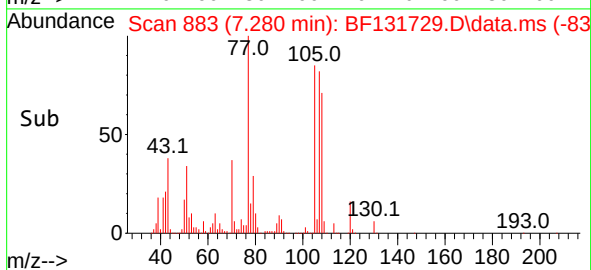
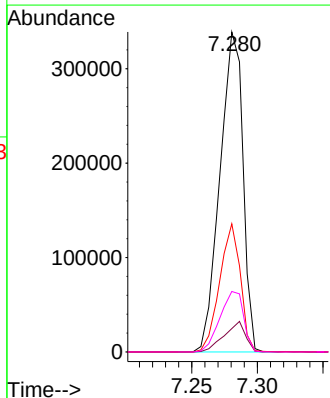
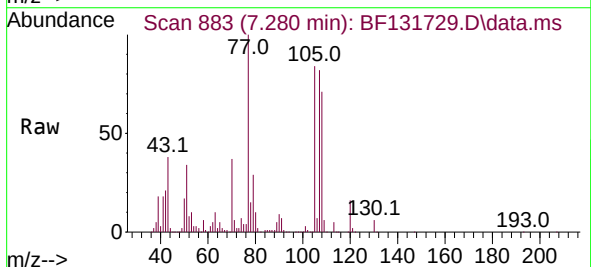
Manual Integrations
APPROVED

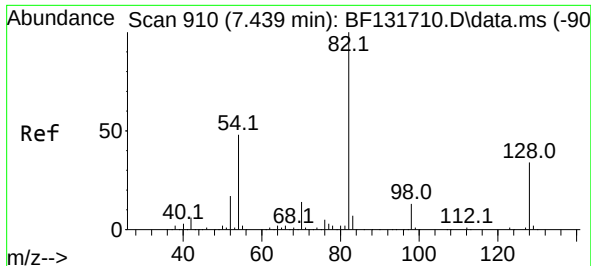
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#22
Acetophenone
Concen: 48.264 ng
RT: 7.280 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

Tgt Ion:105 Resp: 414439
Ion Ratio Lower Upper
105 100
71 7.3 5.5 8.3
51 40.0 25.5 38.3#
120 18.9 15.9 23.9





#23

Nitrobenzene-d5

Concen: 73.459 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Instrument :

BNA_F

ClientSampleId :

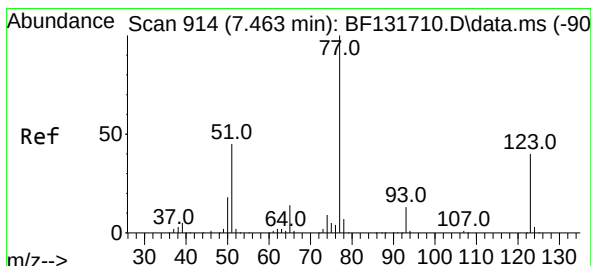
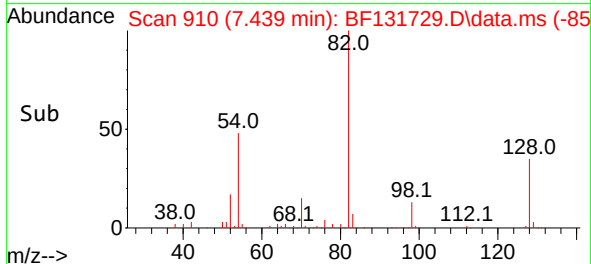
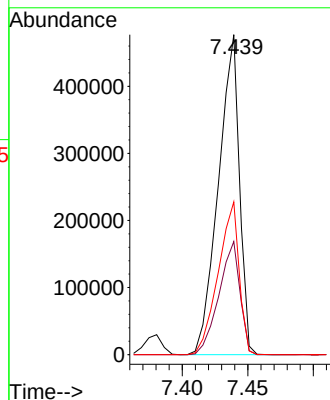
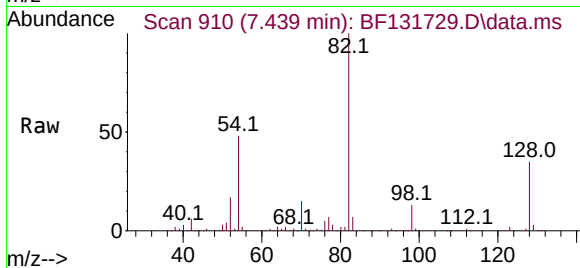
FVSUB-TP8-COMP-08MSD

Tgt Ion: 82 Resp: 532445
 Ion Ratio Lower Upper
 82 100
 128 35.3 27.3 40.9
 54 47.7 38.2 57.2

Manual Integrations

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



#24

Nitrobenzene

Concen: 45.688 ng

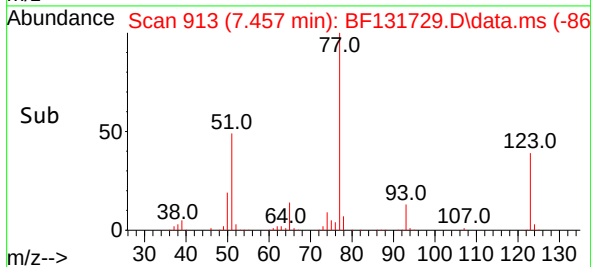
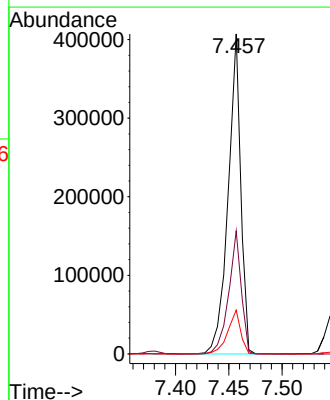
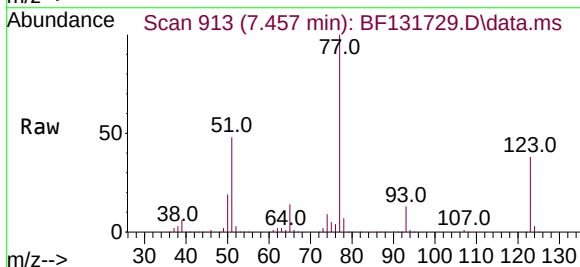
RT: 7.457 min Scan# 913

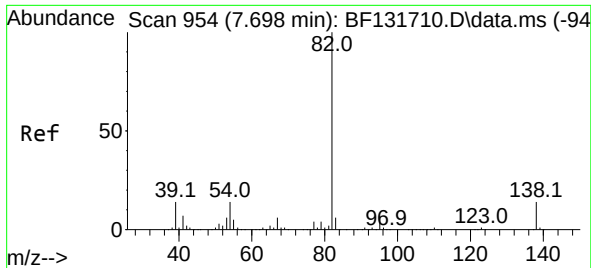
Delta R.T. -0.006 min

Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

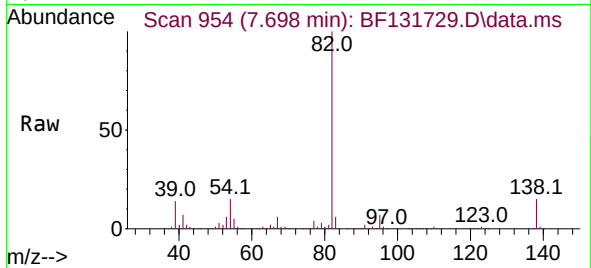
Tgt Ion: 77 Resp: 336658
 Ion Ratio Lower Upper
 77 100
 123 38.4 31.8 47.6
 65 13.7 10.9 16.3





#25
Isophorone
Concen: 50.280 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

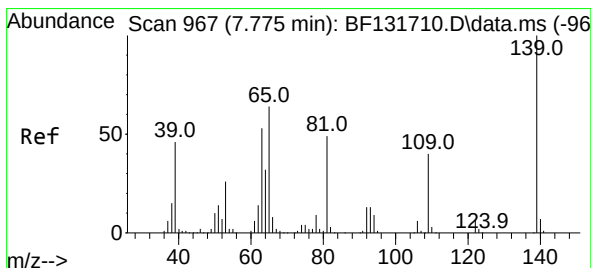
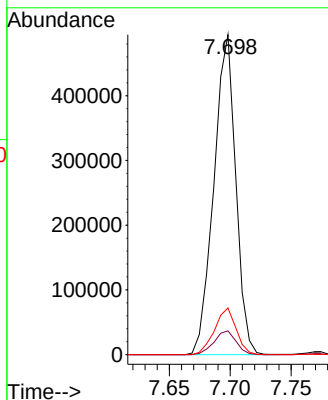
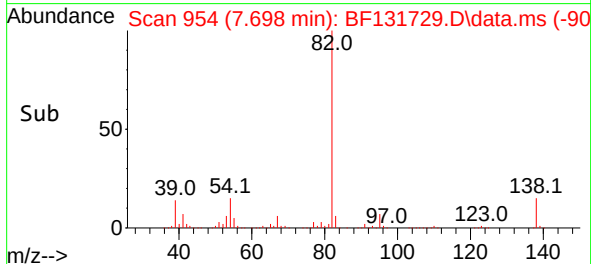
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



Tgt Ion: 82 Resp: 618908
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 14.6 11.6 17.4

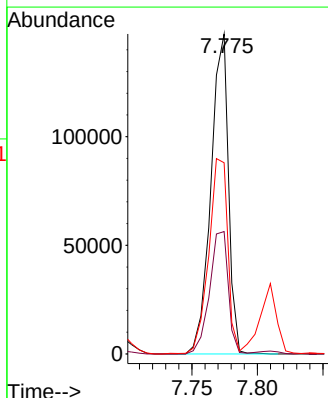
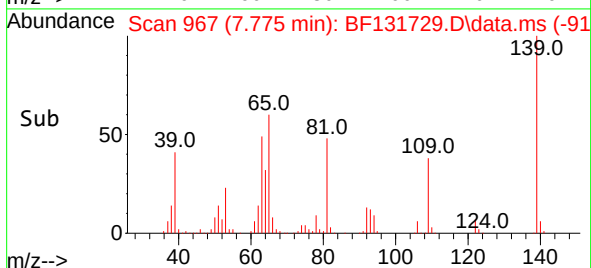
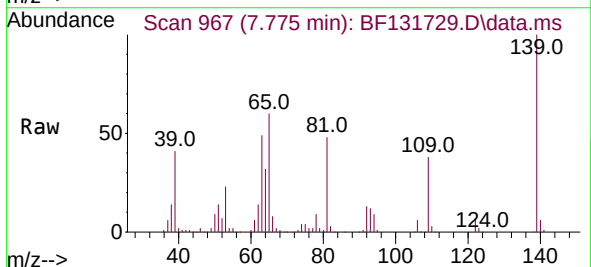
Manual Integrations
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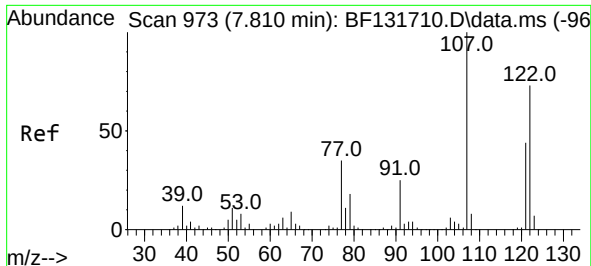
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#26
2-Nitrophenol
Concen: 47.734 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

Tgt Ion:139 Resp: 137464
Ion Ratio Lower Upper
139 100
109 38.2 31.8 47.6
65 59.7 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 55.626 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131729.D

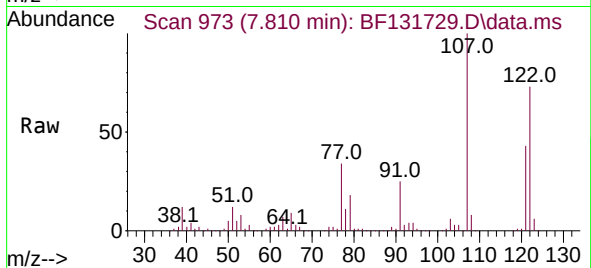
Acq: 20 Dec 2022 23:48

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP8-COMP-08MSD



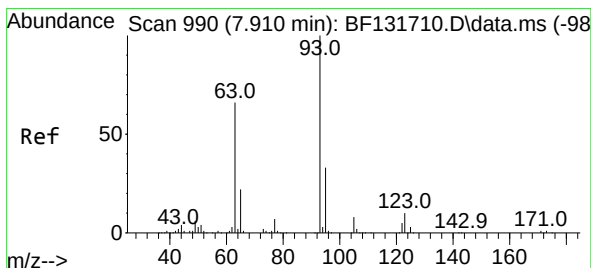
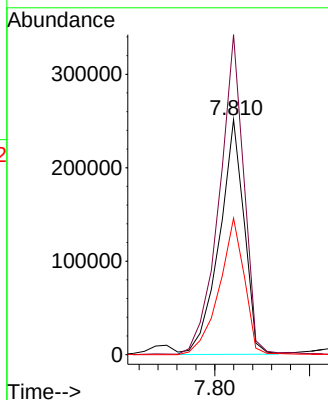
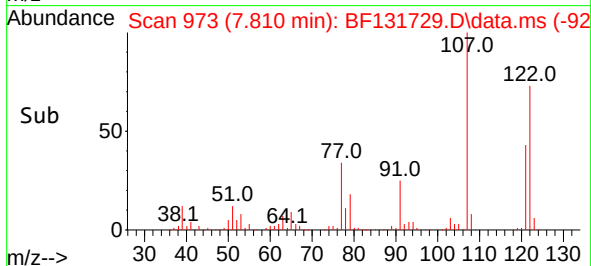
Tgt Ion:122 Resp: 228154

Ion	Ratio	Lower	Upper
122	100		
107	136.1	110.1	165.1
121	58.0	47.9	71.9

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 53.145 ng

RT: 7.910 min Scan# 990

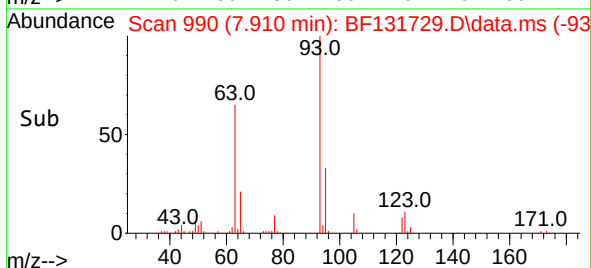
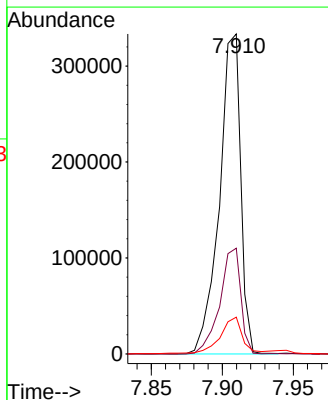
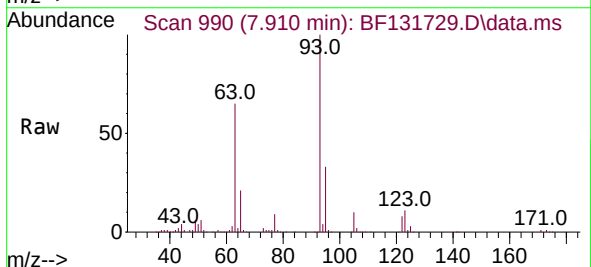
Delta R.T. -0.000 min

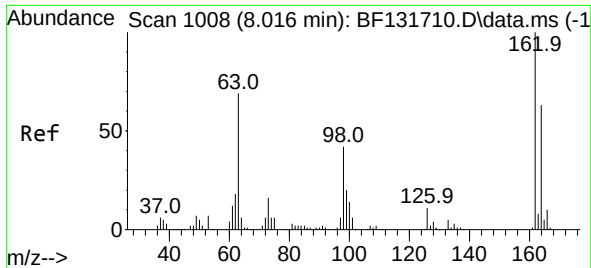
Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Tgt Ion: 93 Resp: 347387

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.0	39.0
123	11.5	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 47.780 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF131729.D

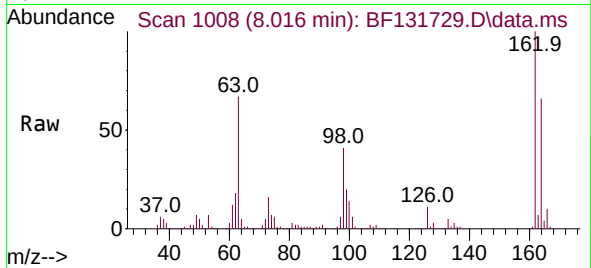
Acq: 20 Dec 2022 23:48

Instrument :

BNA_F

ClientSampleId :

FVSub-TP8-COMP-08MSD

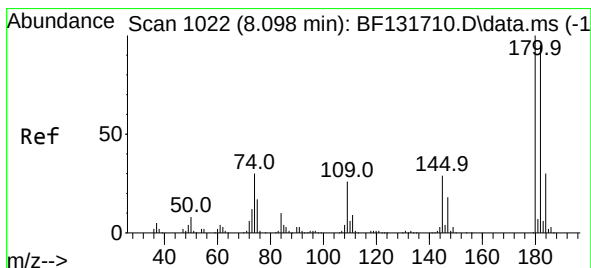
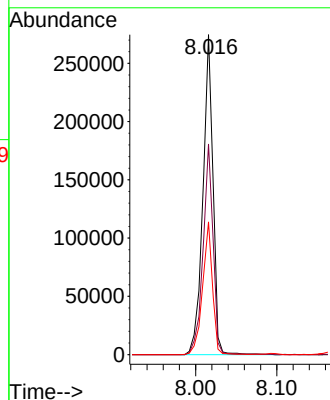
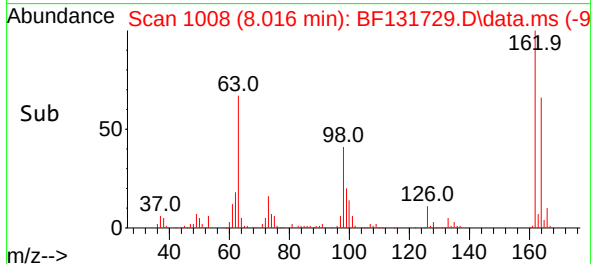


Tgt Ion:	162	Resp:	23658
Ion Ratio	Lower	Upper	
162	100		
164	65.8	42.9	82.9
98	41.5	21.9	61.9

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 46.644 ng

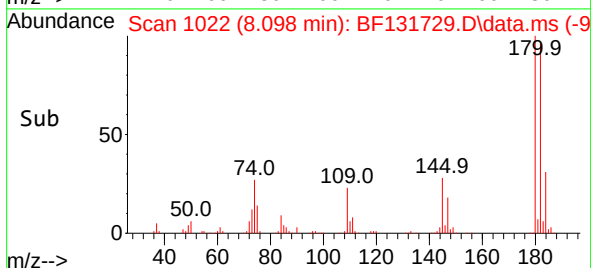
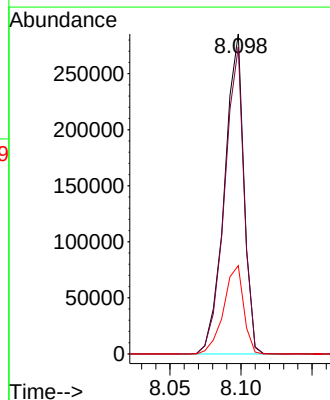
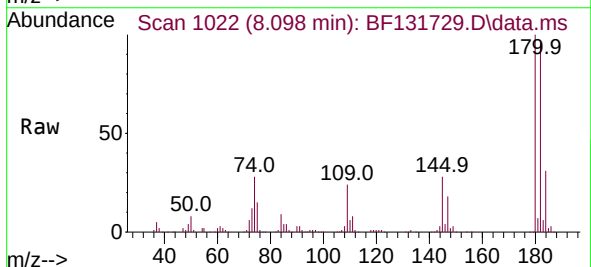
RT: 8.098 min Scan# 1022

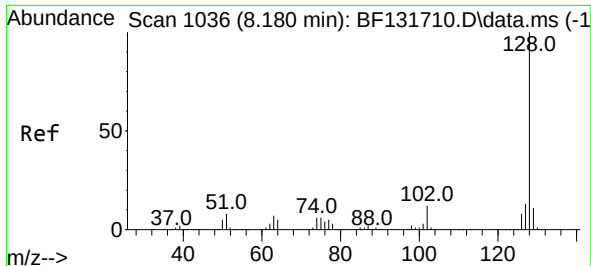
Delta R.T. -0.000 min

Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

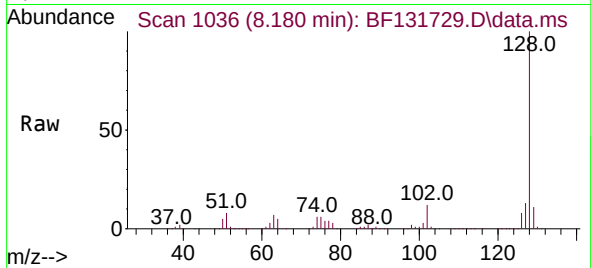
Tgt Ion:	180	Resp:	271516
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.1	114.1
145	27.6	23.4	35.0





#31
Naphthalene
Concen: 45.561 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

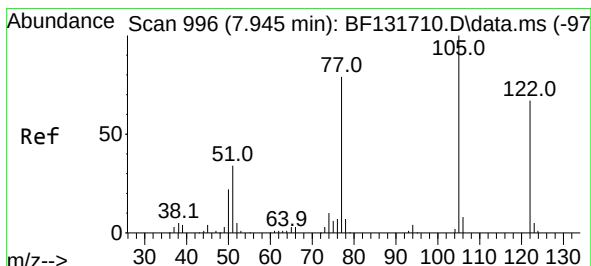
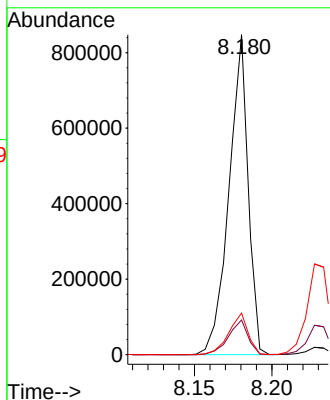
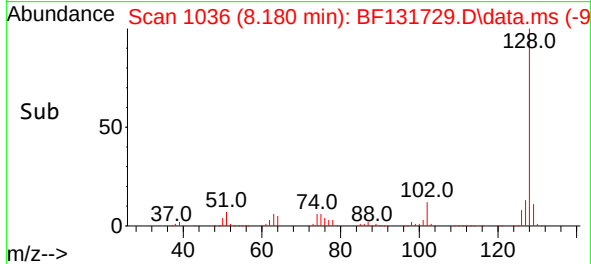
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



Tgt Ion:128 Resp: 732152
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.6 15.8

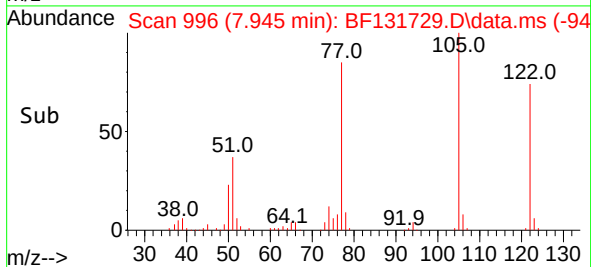
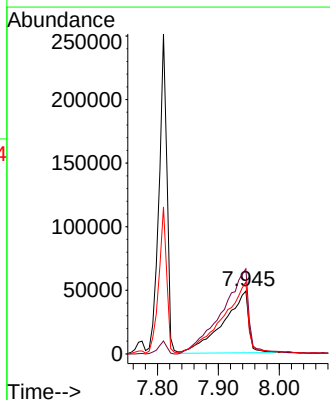
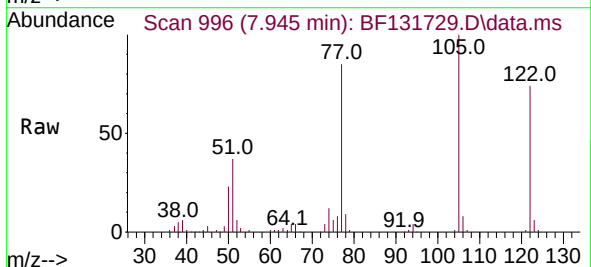
Manual Integrations
APPROVED

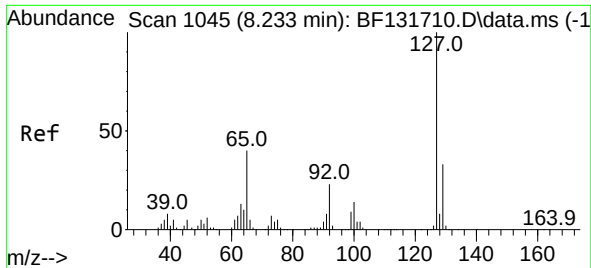
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#32
Benzoic acid
Concen: 43.306 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

Tgt Ion:122 Resp: 142181
Ion Ratio Lower Upper
122 100
105 135.6 125.1 165.1
77 114.7 95.3 135.3





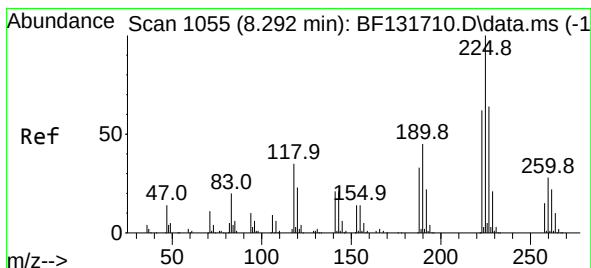
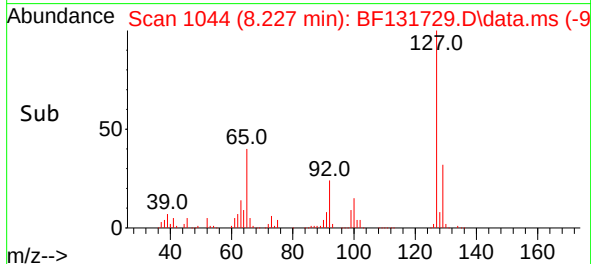
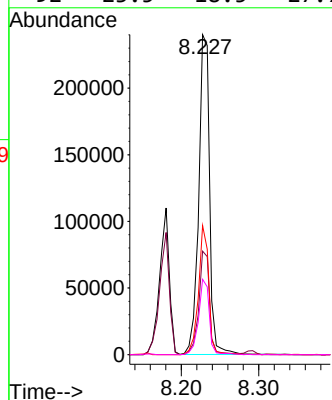
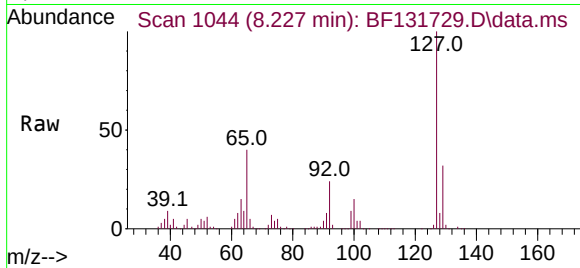
#33
4-Chloroaniline
Concen: 37.340 ng
RT: 8.227 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD

Tgt Ion:	127	Resp:	234015
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.1	39.1
65	40.3	31.8	47.6
92	23.5	18.5	27.7

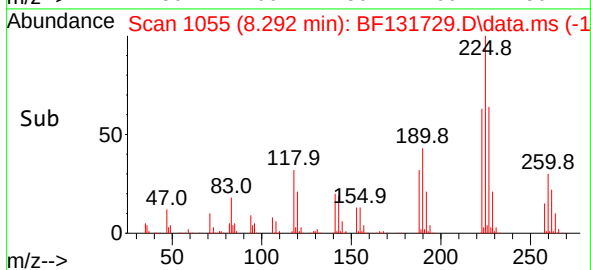
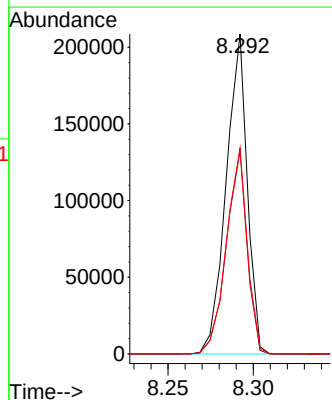
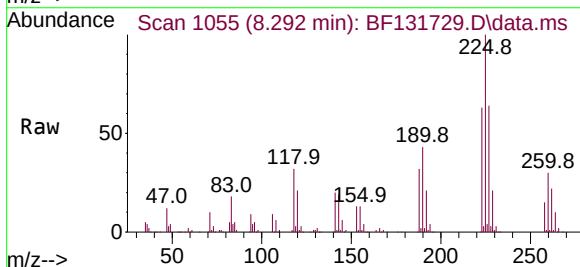
Manual Integrations
APPROVED

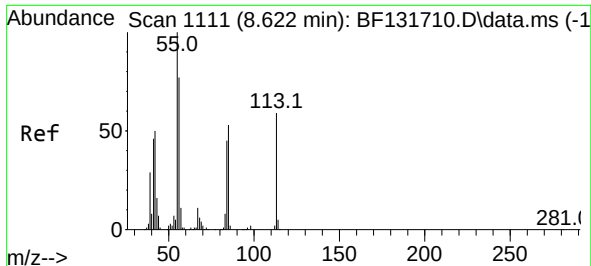
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#34
Hexachlorobutadiene
Concen: 45.829 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

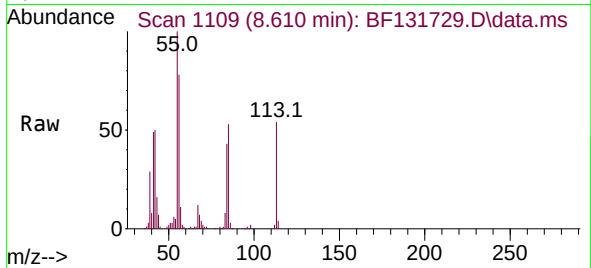
Tgt Ion:	225	Resp:	179486
Ion Ratio	Lower	Upper	
225	100		
223	63.4	49.5	74.3
227	64.3	51.0	76.4





#35
Caprolactam
Concen: 48.332 ng m
RT: 8.610 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

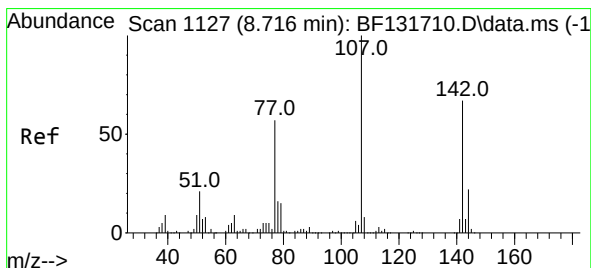
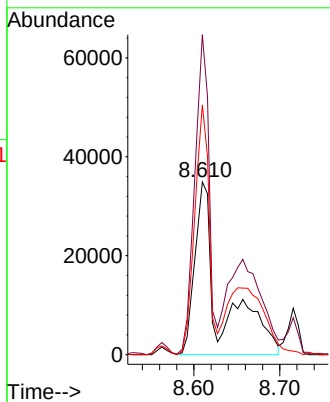
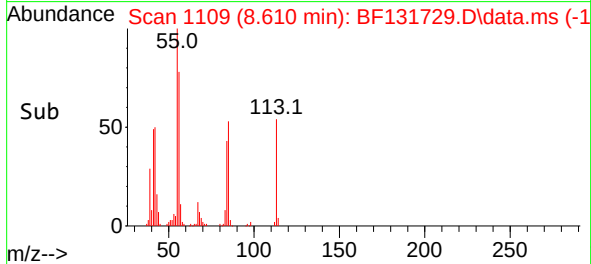
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



Tgt Ion:113 Resp: 72162
Ion Ratio Lower Upper
113 100
55 185.3 149.0 189.0
56 144.6 109.5 149.5

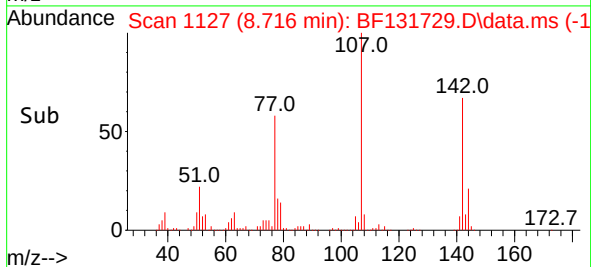
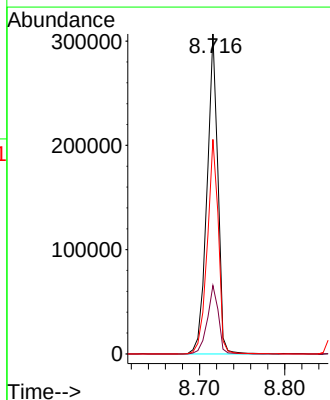
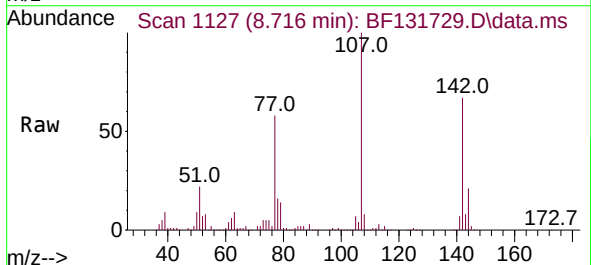
Manual Integrations
APPROVED

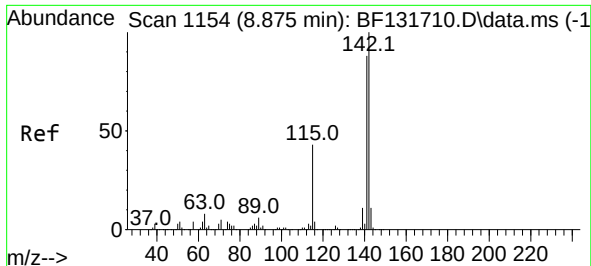
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#36
4-Chloro-3-methylphenol
Concen: 48.140 ng
RT: 8.716 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

Tgt Ion:107 Resp: 272294
Ion Ratio Lower Upper
107 100
144 21.4 17.5 26.3
142 67.0 53.4 80.0





#37

2-Methylnaphthalene

Concen: 46.107 ng

RT: 8.874 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Instrument :

BNA_F

ClientSampleId :

FVSub-TP8-COMP-08MSD

Tgt Ion:142 Resp: 505406

Ion Ratio Lower Upper

142 100

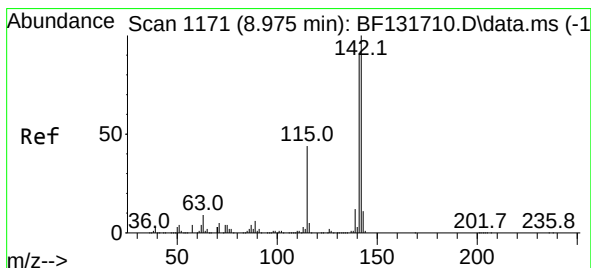
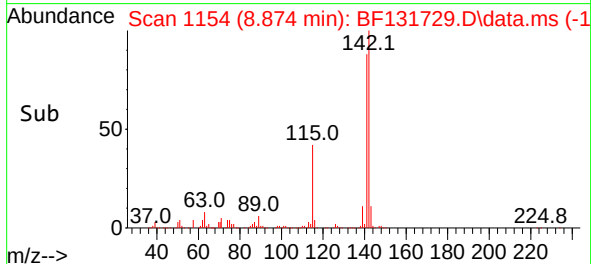
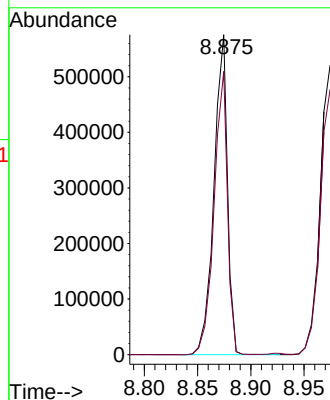
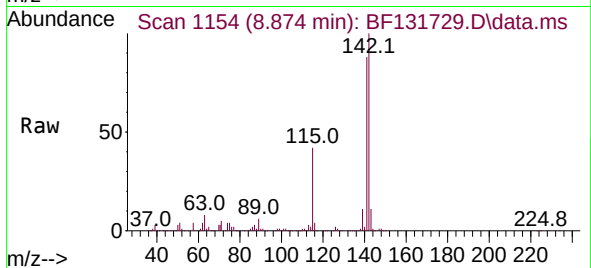
141 88.5 70.4 105.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#38

1-Methylnaphthalene

Concen: 44.341 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF131729.D

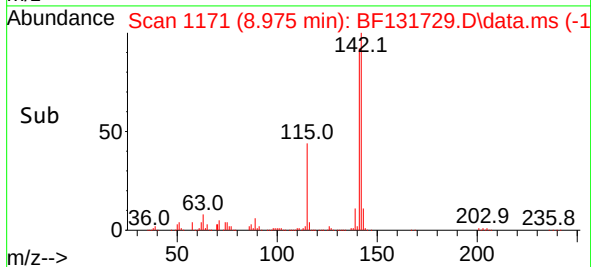
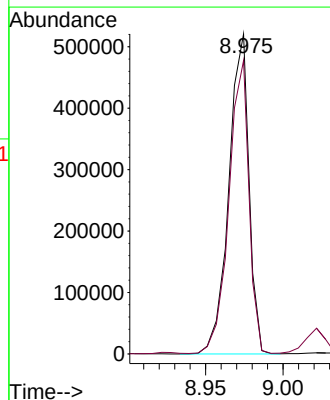
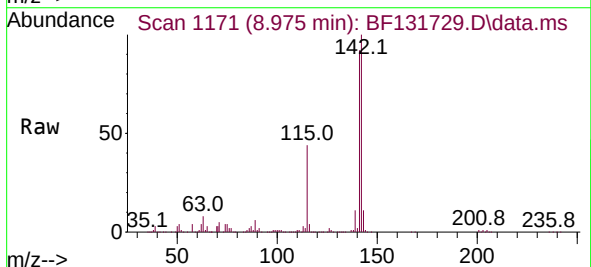
Acq: 20 Dec 2022 23:48

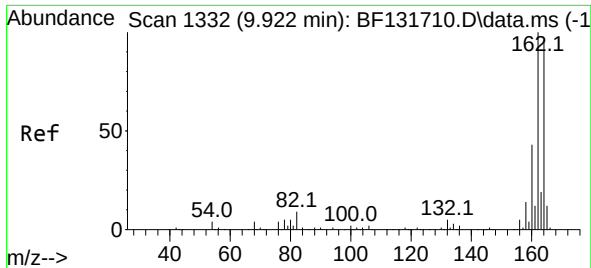
Tgt Ion:142 Resp: 470747

Ion Ratio Lower Upper

142 100

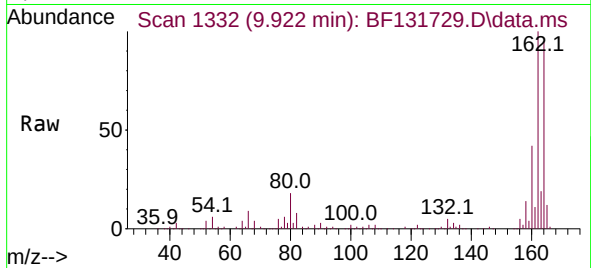
141 91.7 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.001 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

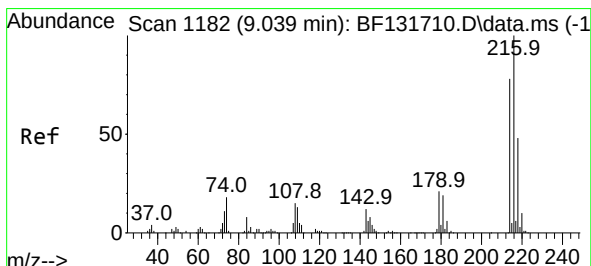
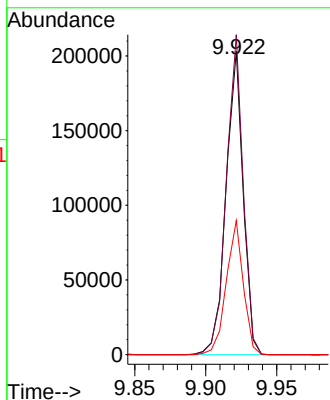
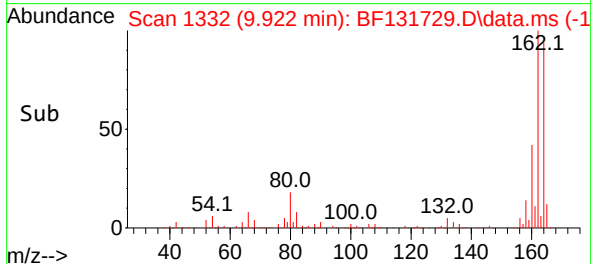
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



Tgt Ion:164 Resp: 171087
Ion Ratio Lower Upper
164 100
162 105.4 83.7 125.5
160 44.1 36.2 54.4

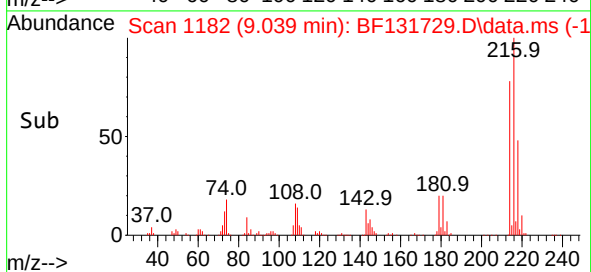
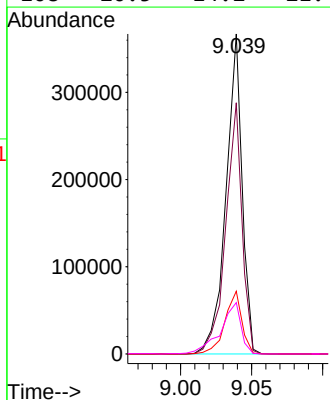
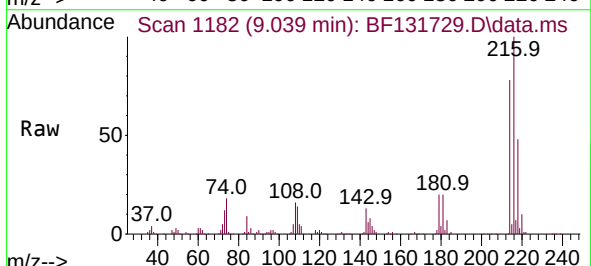
Manual Integrations
APPROVED

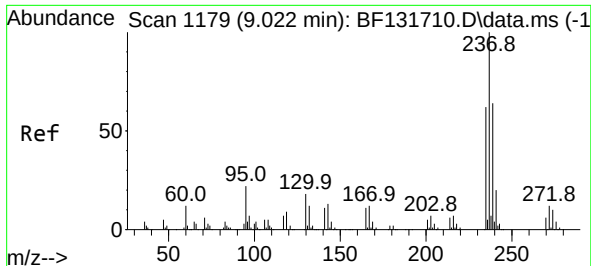
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.700 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

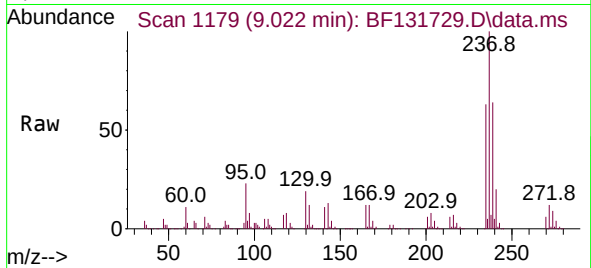
Tgt Ion:216 Resp: 290912
Ion Ratio Lower Upper
216 100
214 78.9 62.9 94.3
179 20.4 16.3 24.5
108 20.5 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 124.490 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

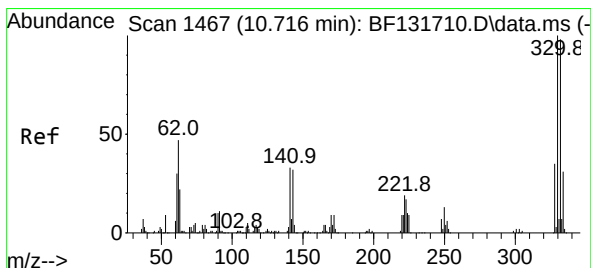
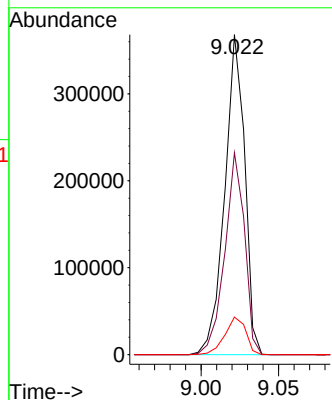
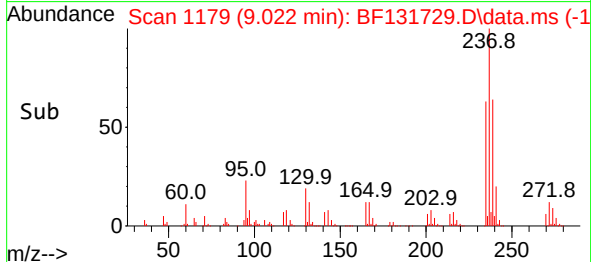
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



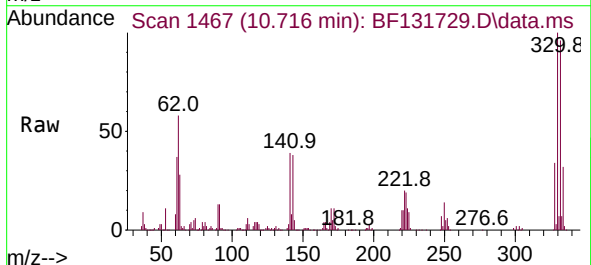
Tgt Ion: 237 Resp: 330137
Ion Ratio Lower Upper
237 100
235 63.1 42.2 82.2
272 11.7 0.0 31.7

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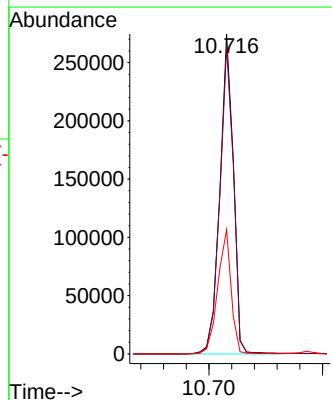
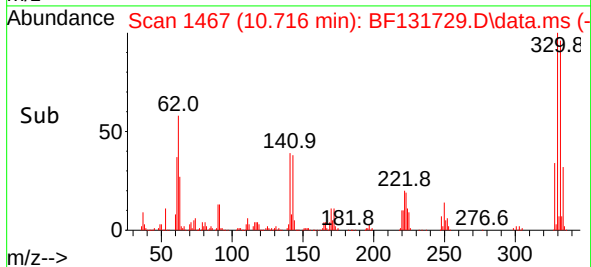
Reviewed By : Christian Giraldo 12/21/2022
Supervised By : Jagrut Upadhyay 12/21/2022

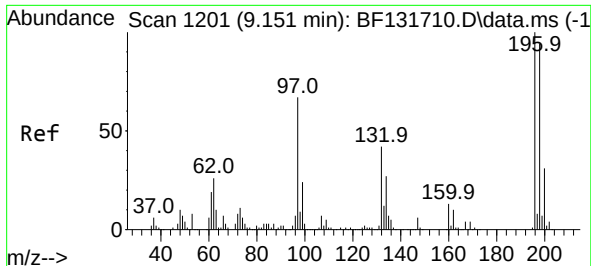


#42
2,4,6-Tribromophenol
Concen: 120.721 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



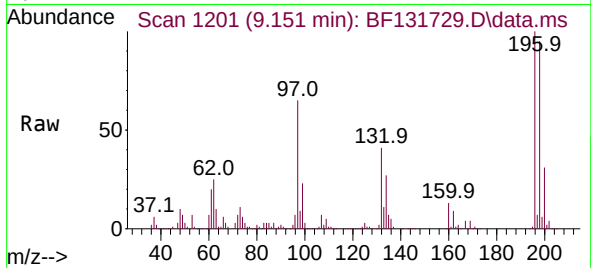
Tgt Ion: 330 Resp: 226063
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 38.7 30.4 45.6





#43
2,4,6-Trichlorophenol
Concen: 49.250 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

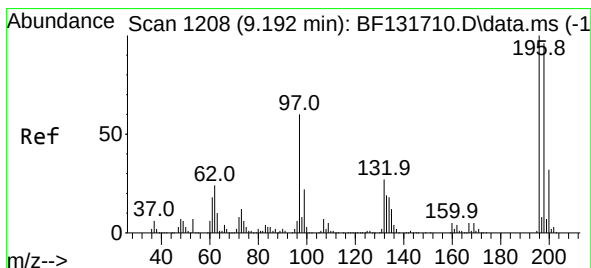
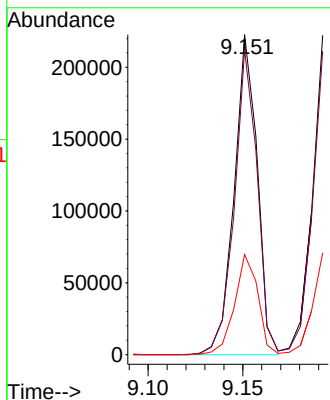
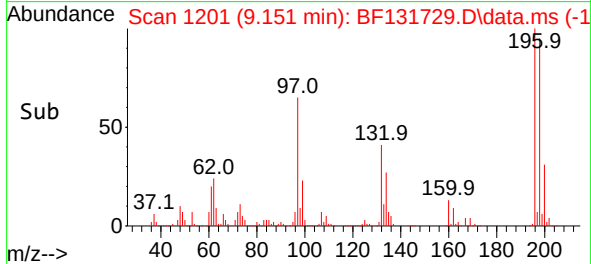
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



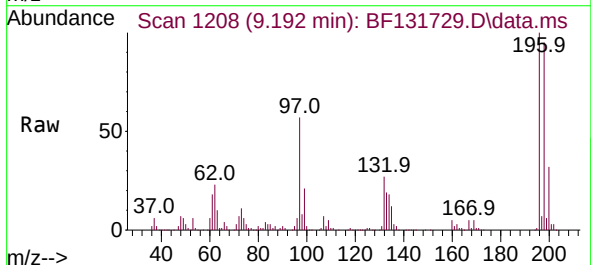
Tgt Ion:196 Resp: 188318
Ion Ratio Lower Upper
196 100
198 95.3 75.5 113.3
200 31.3 25.2 37.8

Manual Integrations
APPROVED

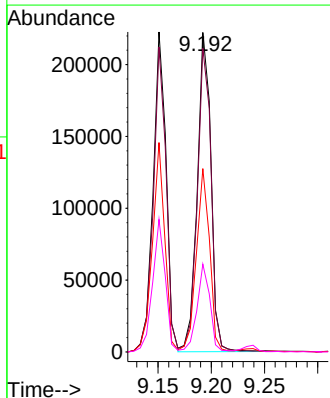
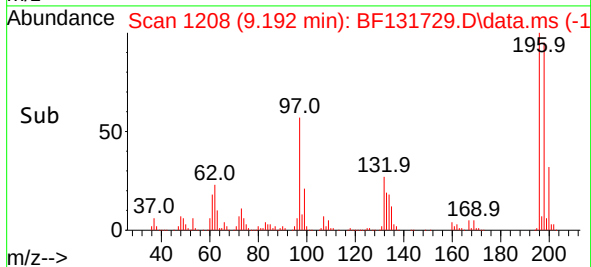
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

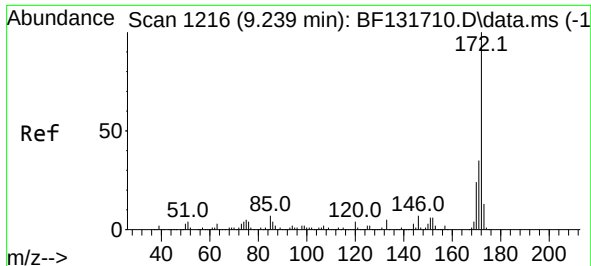


#44
2,4,5-Trichlorophenol
Concen: 47.827 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



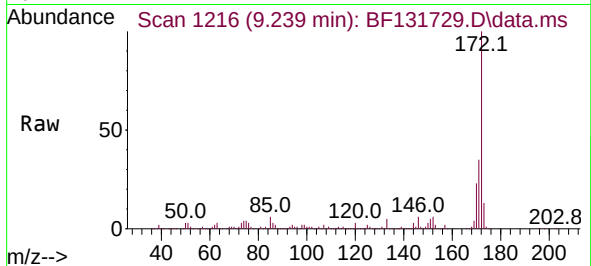
Tgt Ion:196 Resp: 197974
Ion Ratio Lower Upper
196 100
198 95.0 76.6 114.8
97 57.4 47.7 71.5
132 27.5 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 69.427 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

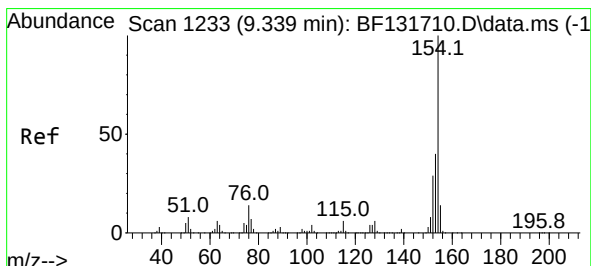
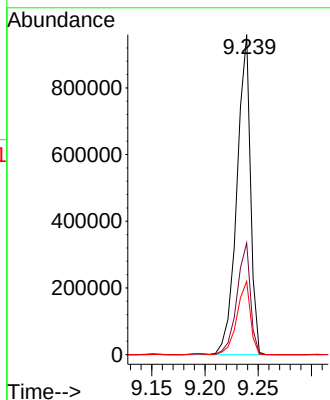
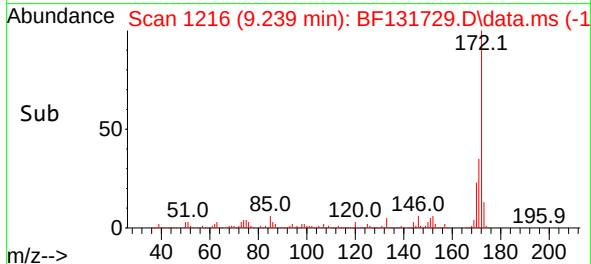
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



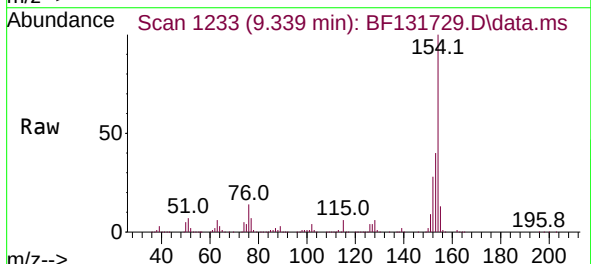
Tgt Ion:172 Resp: 847939
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 22.9 19.0 28.4

Manual Integrations
APPROVED

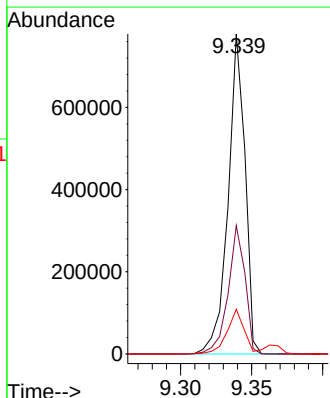
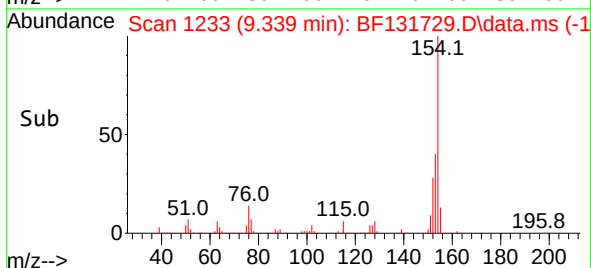
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

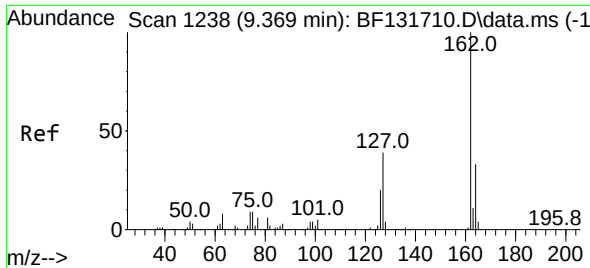


#46
1,1'-Biphenyl
Concen: 49.910 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



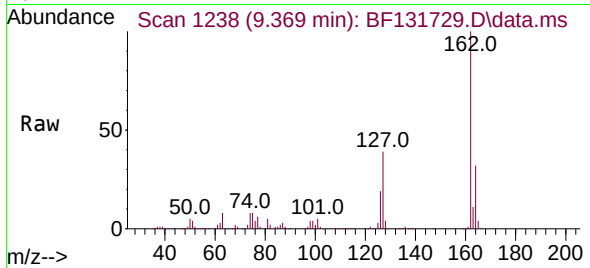
Tgt Ion:154 Resp: 642300
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 13.9 0.0 33.6





#47
2-Chloronaphthalene
Concen: 49.002 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

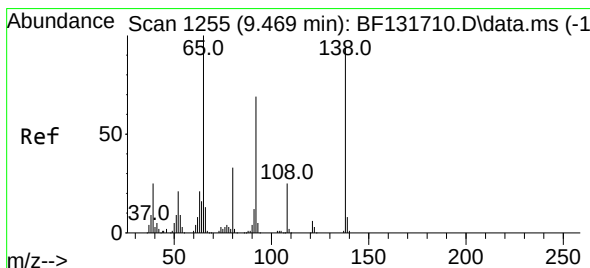
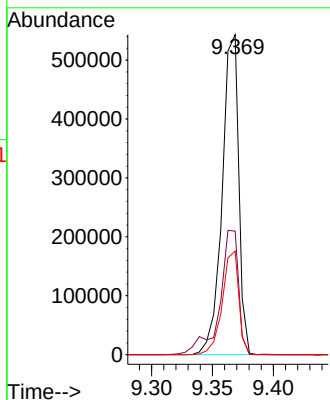
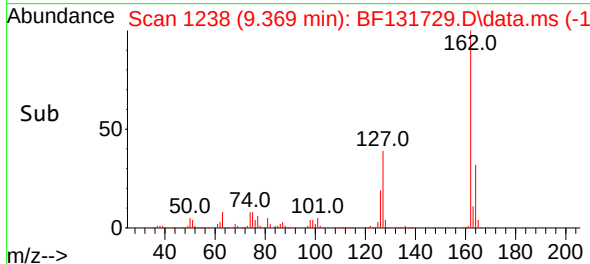
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



Tgt Ion:162 Resp: 516373
Ion Ratio Lower Upper
162 100
127 38.6 31.4 47.2
164 32.3 26.6 39.8

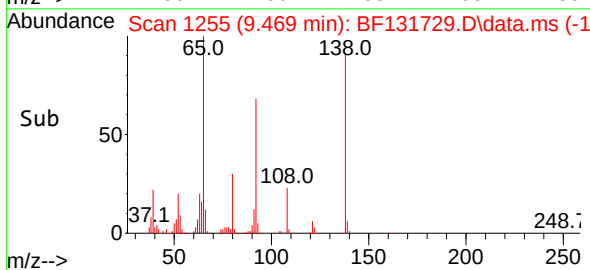
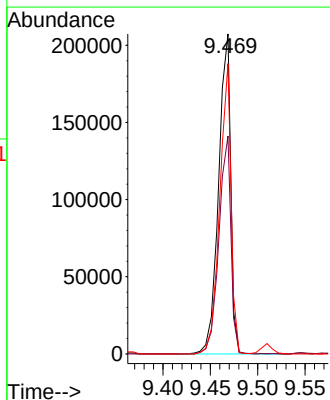
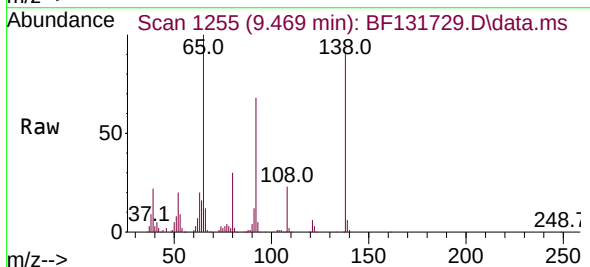
Manual Integrations
APPROVED

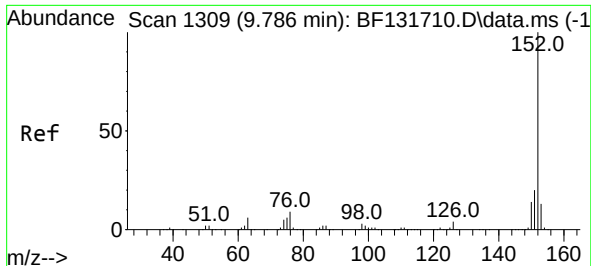
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#48
2-Nitroaniline
Concen: 48.457 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

Tgt Ion: 65 Resp: 184049
Ion Ratio Lower Upper
65 100
92 68.1 55.5 83.3
138 90.7 74.8 112.2





#49

Acenaphthylene

Concen: 48.545 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF131729.D

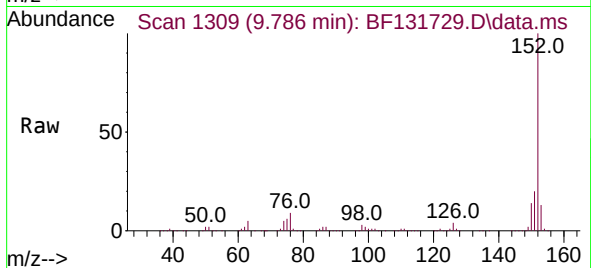
Acq: 20 Dec 2022 23:48

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP8-COMP-08MSD



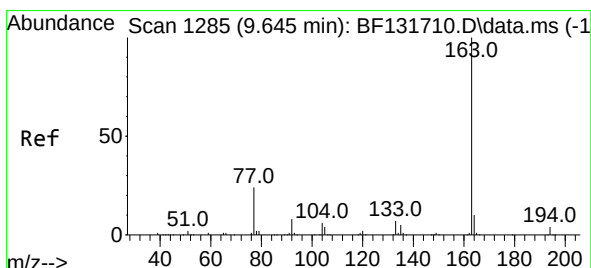
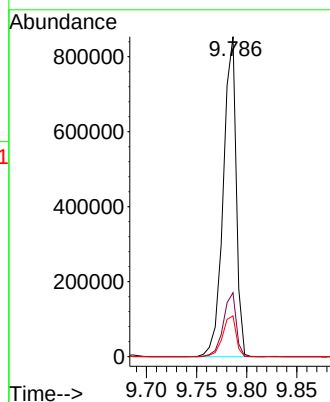
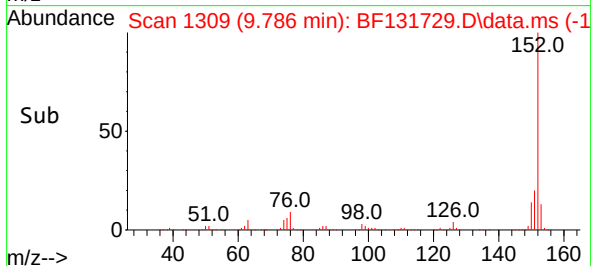
Tgt Ion:152 Resp: 767276

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.7	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

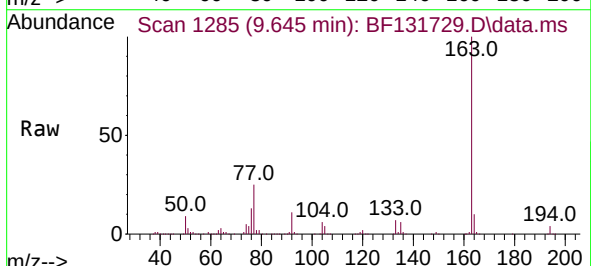
Concen: 48.603 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.000 min

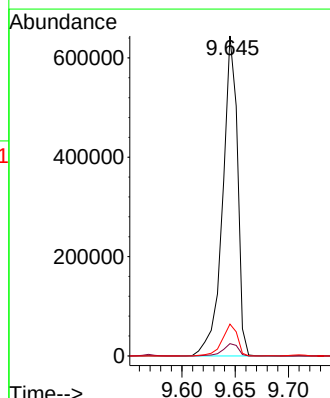
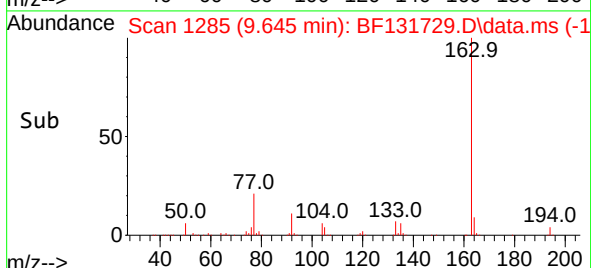
Lab File: BF131729.D

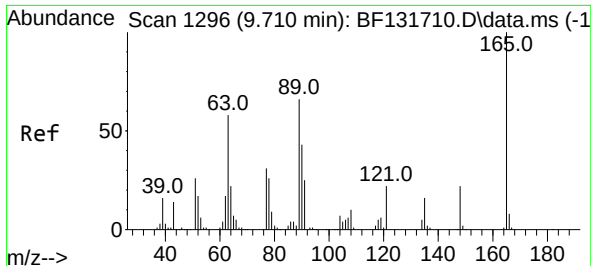
Acq: 20 Dec 2022 23:48



Tgt Ion:163 Resp: 625682

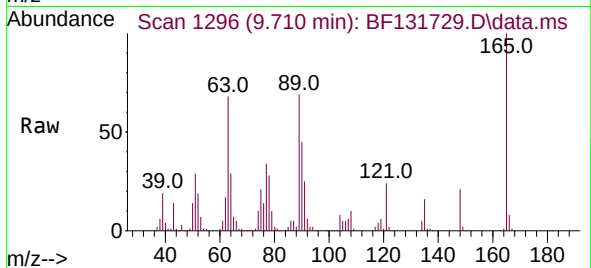
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.9	8.2	12.4





#51
2,6-Dinitrotoluene
Concen: 48.768 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

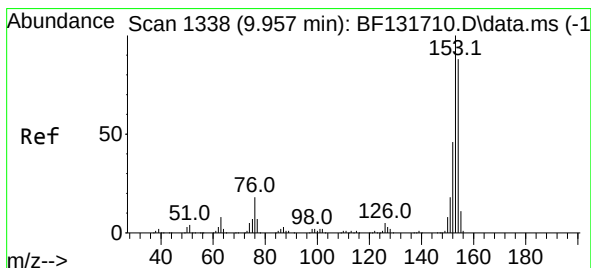
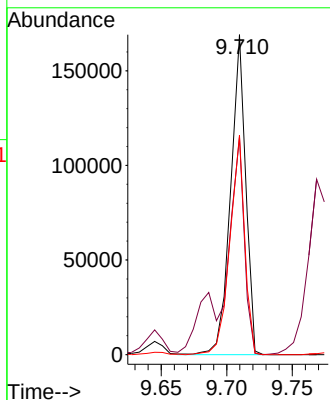
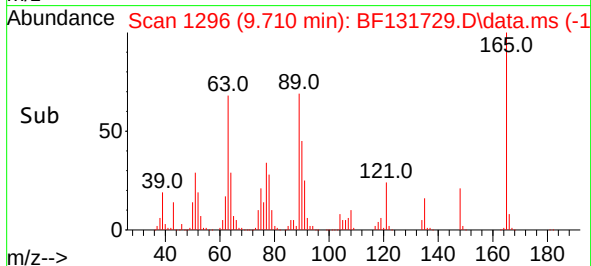
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



Tgt Ion:165 Resp: 134996
Ion Ratio Lower Upper
165 100
63 68.0 51.8 77.8
89 68.6 53.2 79.8

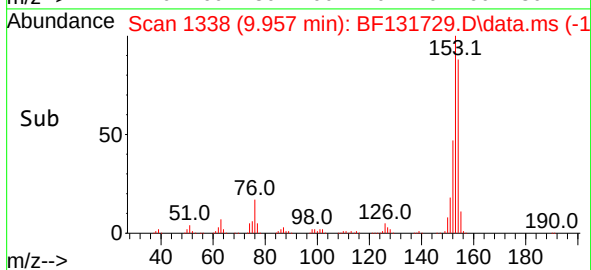
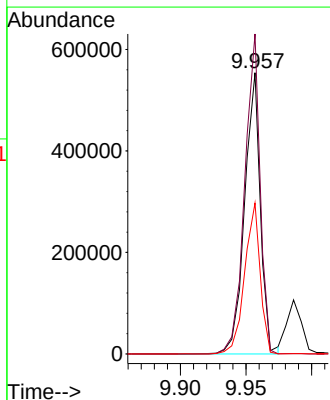
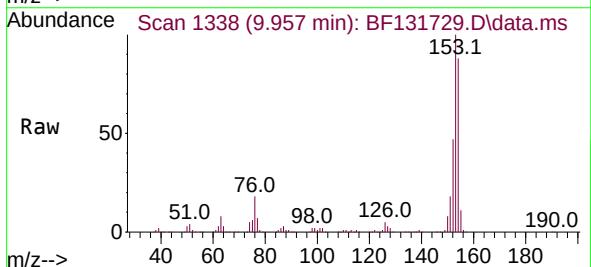
Manual Integrations
APPROVED

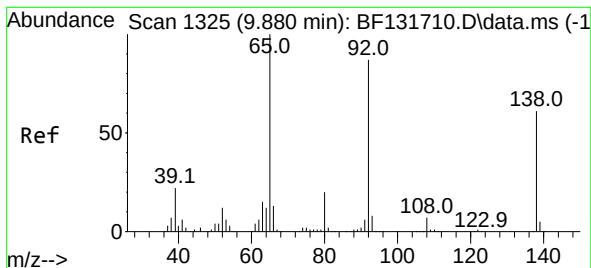
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#52
Acenaphthene
Concen: 47.560 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

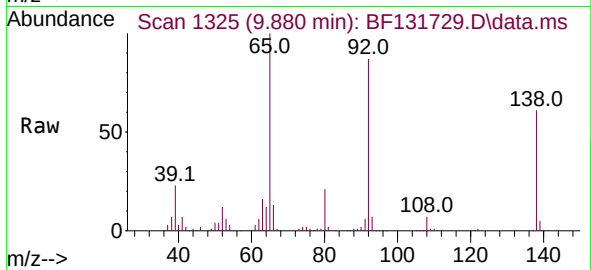
Tgt Ion:154 Resp: 460495
Ion Ratio Lower Upper
154 100
153 113.8 90.4 135.6
152 53.7 42.0 63.0





#53
3-Nitroaniline
Concen: 37.656 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

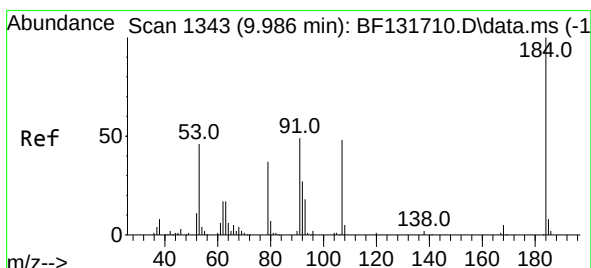
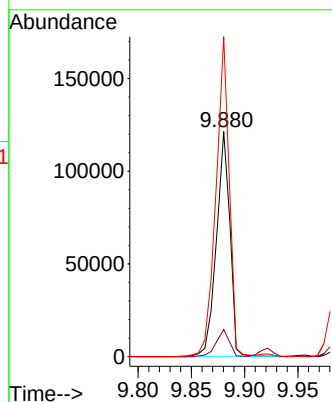
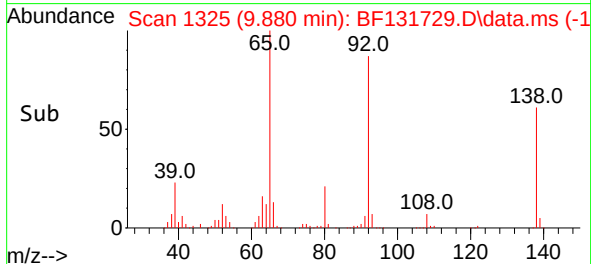
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



Tgt Ion:138 Resp: 106655
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 142.2 114.6 171.8

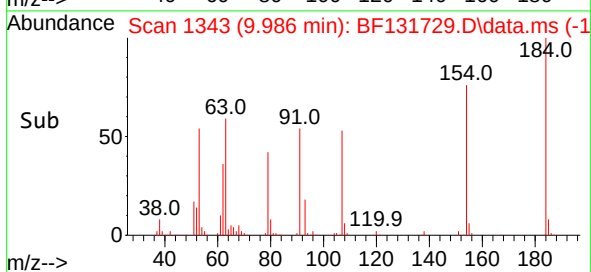
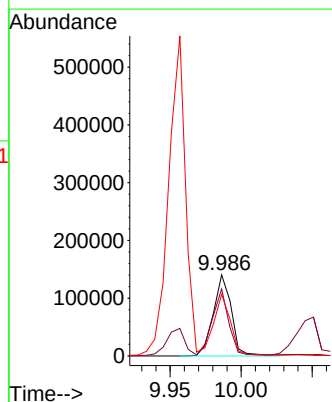
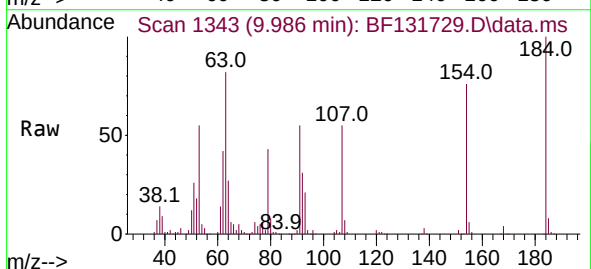
Manual Integrations
APPROVED

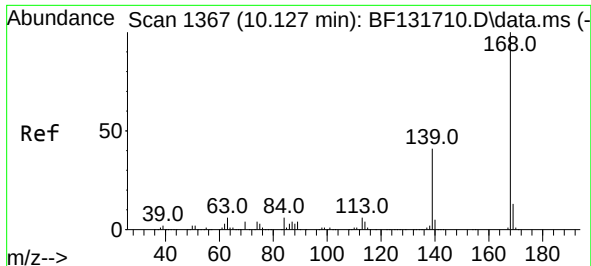
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#54
2,4-Dinitrophenol
Concen: 75.202 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

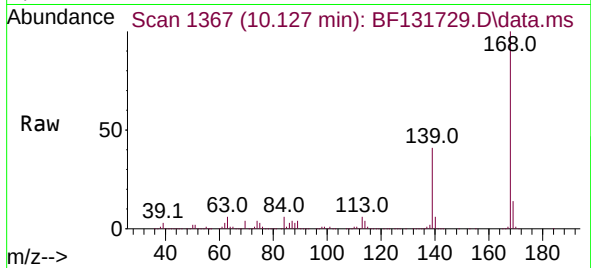
Tgt Ion:184 Resp: 124730
Ion Ratio Lower Upper
184 100
63 82.5 55.8 83.8
154 75.8 57.1 85.7





#55
Dibenzofuran
Concen: 48.223 ng
RT: 10.127 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

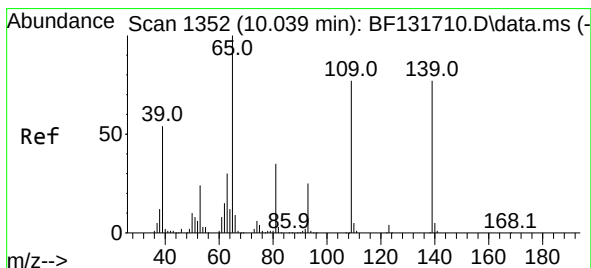
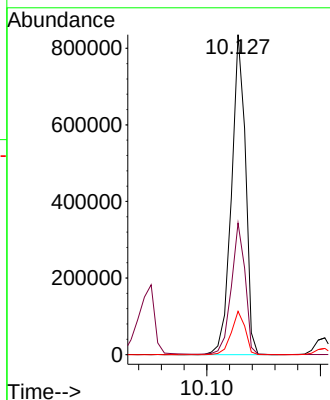
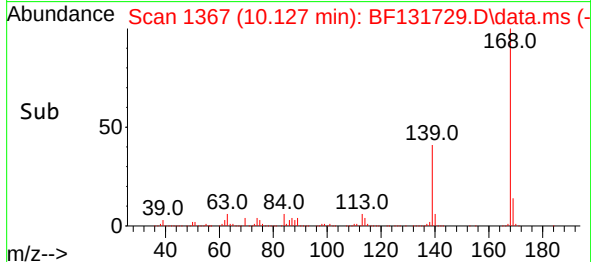
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



Tgt Ion:168 Resp: 715979
Ion Ratio Lower Upper
168 100
139 41.1 32.7 49.1
169 13.5 10.6 16.0

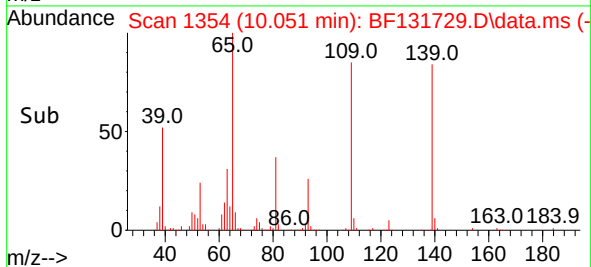
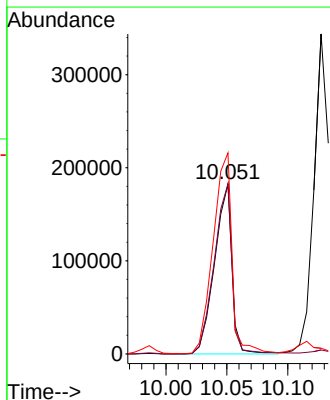
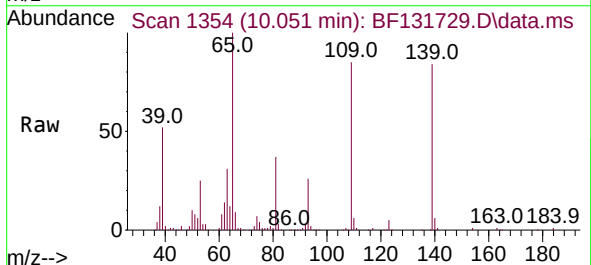
Manual Integrations
APPROVED

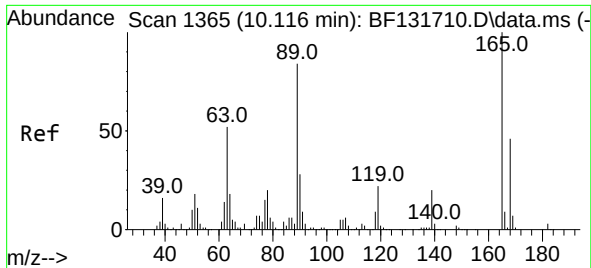
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#56
4-Nitrophenol
Concen: 89.461 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

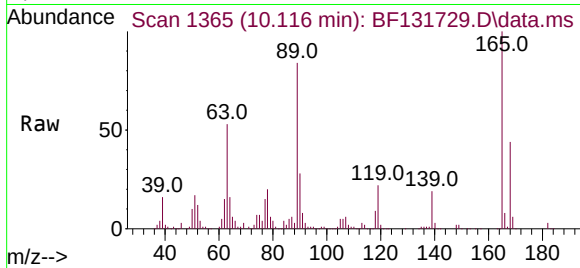
Tgt Ion:139 Resp: 181353
Ion Ratio Lower Upper
139 100
109 100.3 79.9 119.9
65 118.5 110.2 150.2





#57
2,4-Dinitrotoluene
Concen: 49.817 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

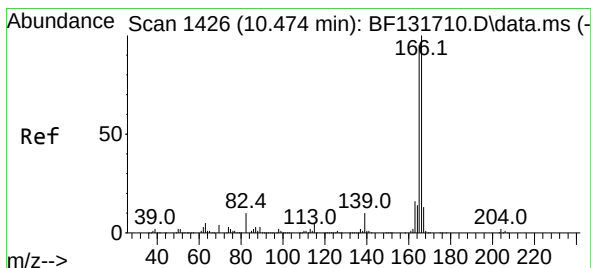
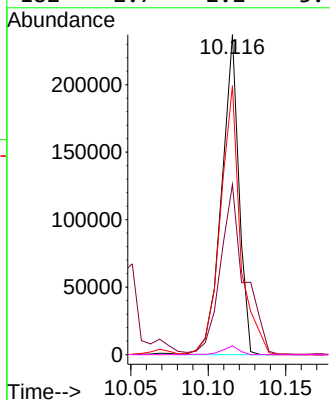
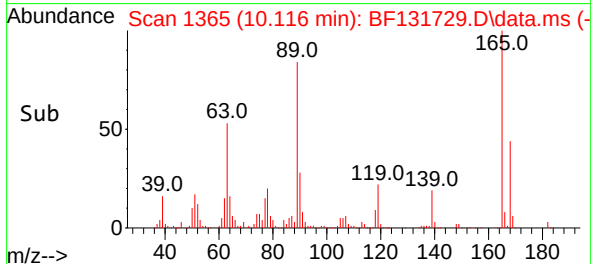
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



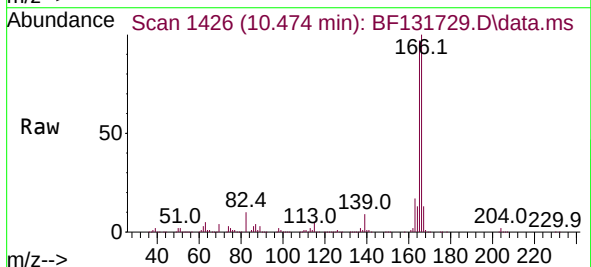
Tgt Ion:165 Resp: 185302
Ion Ratio Lower Upper
165 100
63 53.2 41.5 62.3
89 84.0 67.0 100.4
182 2.7 2.2 3.4

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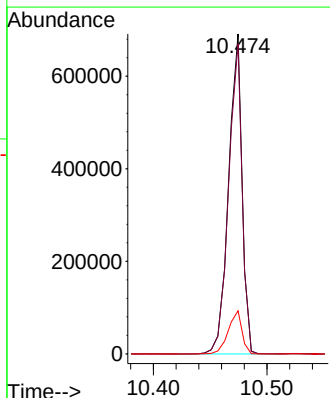
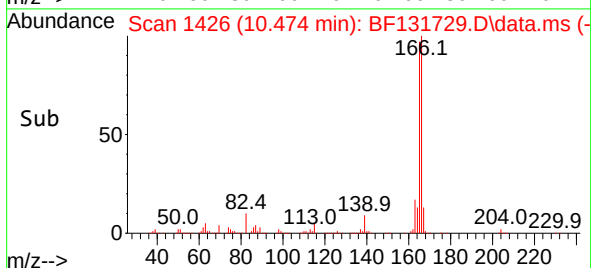
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

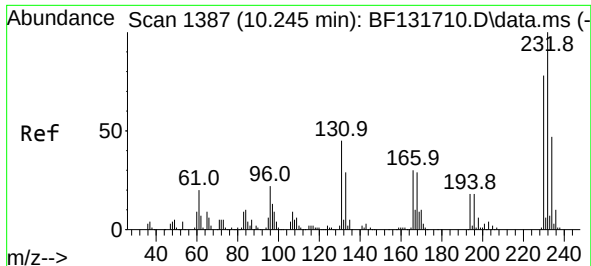


#58
Fluorene
Concen: 47.531 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



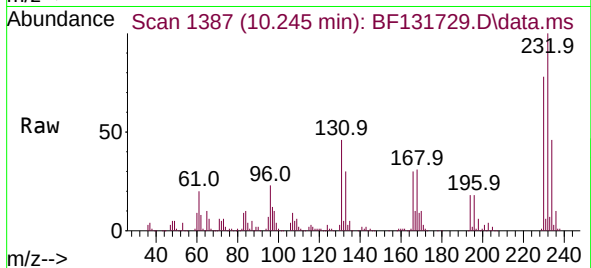
Tgt Ion:166 Resp: 570562
Ion Ratio Lower Upper
166 100
165 96.9 75.8 113.8
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.810 ng m
RT: 10.245 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

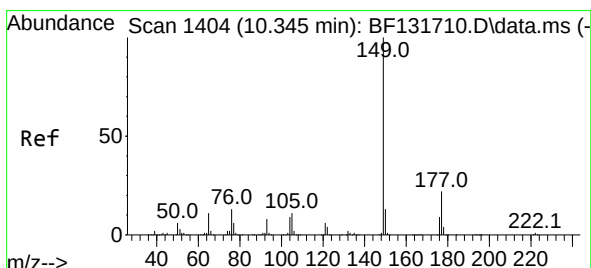
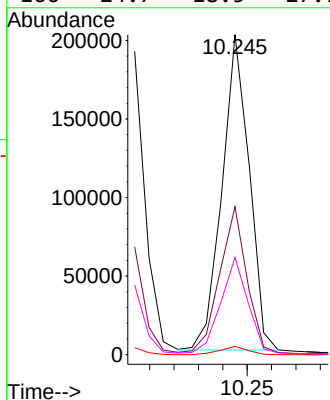
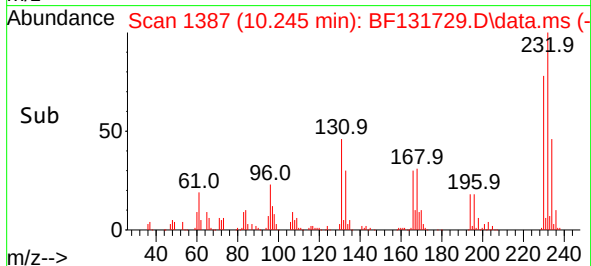
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



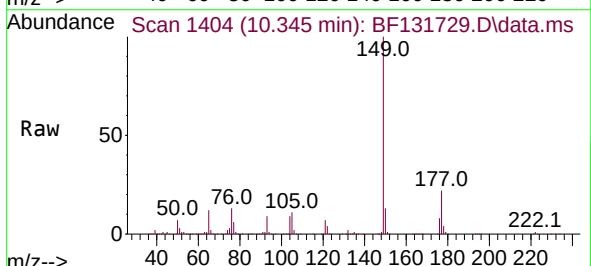
Tgt Ion:232 Resp: 154852
Ion Ratio Lower Upper
232 100
131 40.9 29.9 44.9
130 2.4 1.7 2.5
166 24.7 18.5 27.7

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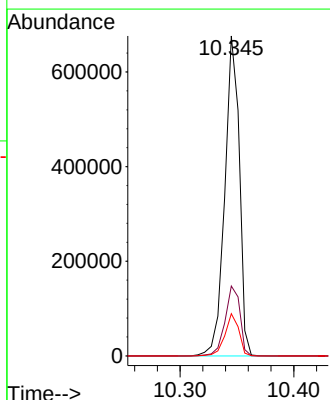
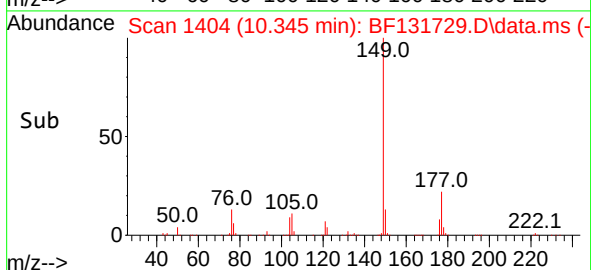
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

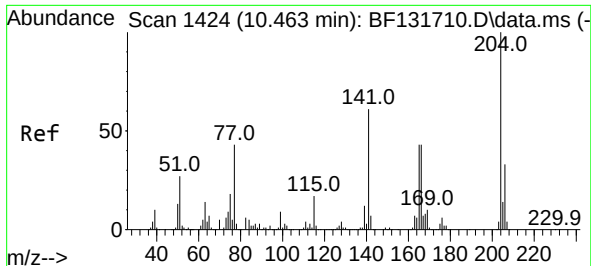


#60
Diethylphthalate
Concen: 48.323 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



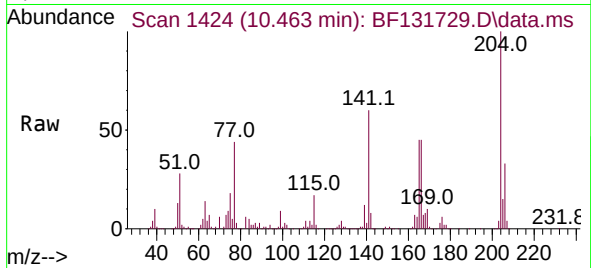
Tgt Ion:149 Resp: 599414
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 13.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.567 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

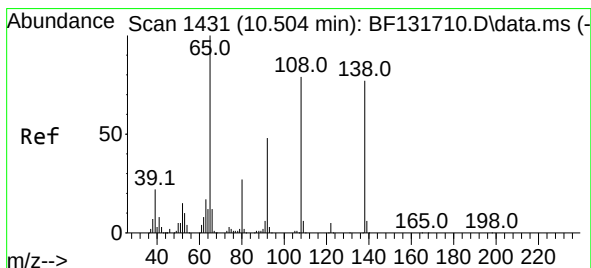
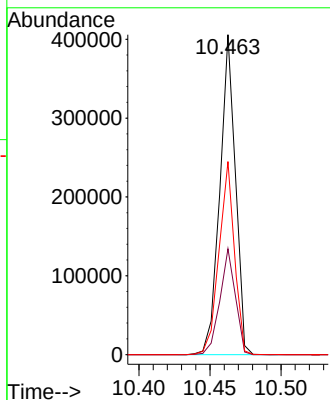
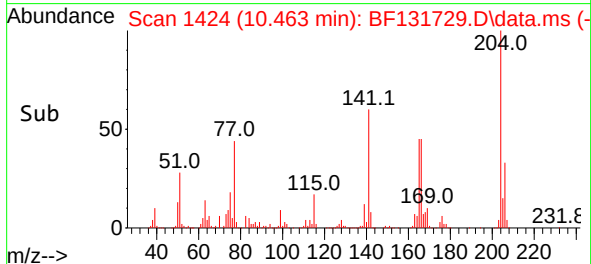
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



Tgt Ion:204 Resp: 309863
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 60.3 48.6 72.8

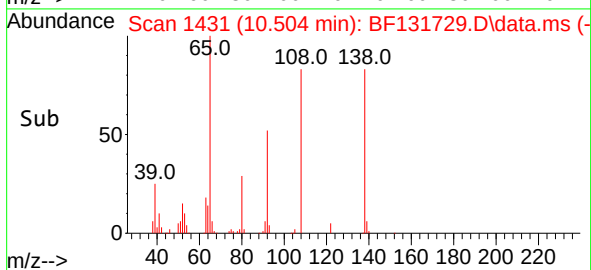
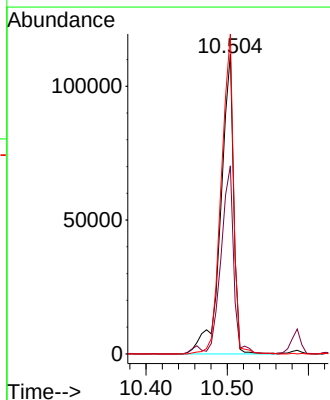
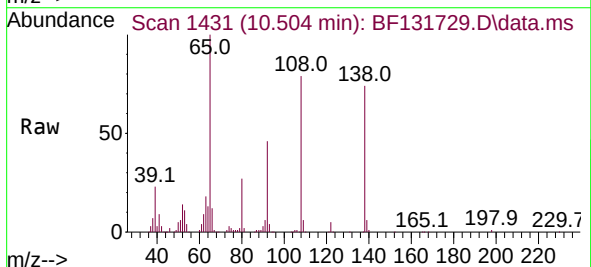
Manual Integrations
APPROVED

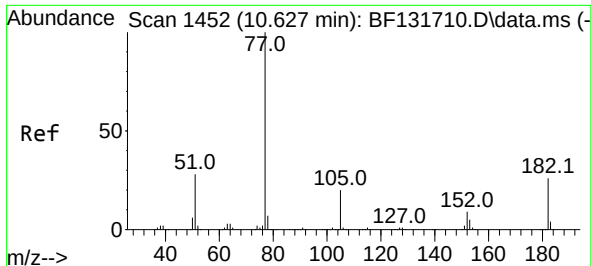
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#62
4-Nitroaniline
Concen: 43.110 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

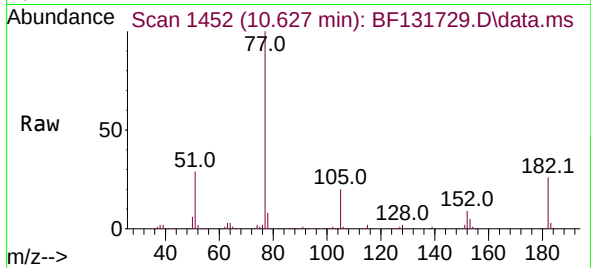
Tgt Ion:138 Resp: 122887
Ion Ratio Lower Upper
138 100
92 62.7 42.1 82.1
108 106.7 83.1 123.1





#63
Azobenzene
Concen: 51.610 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

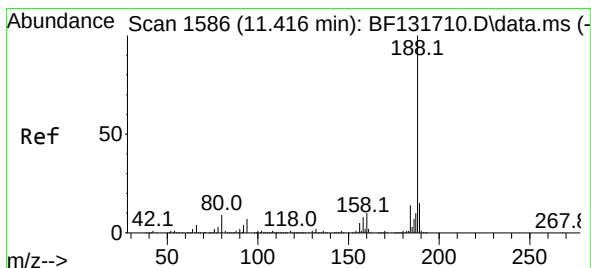
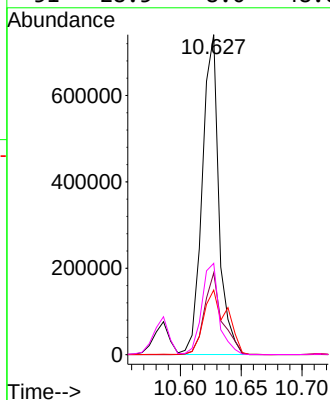
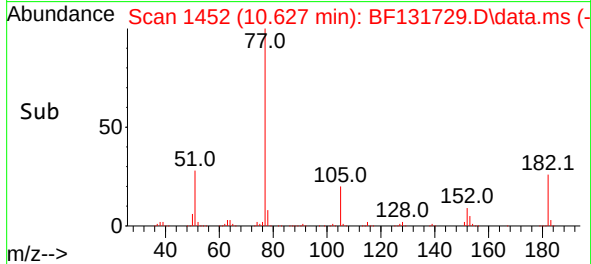
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



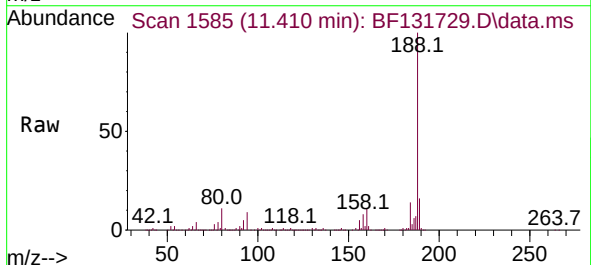
Tgt Ion: 77 Resp: 703021
Ion Ratio Lower Upper
77 100
182 25.5 5.8 45.8
105 20.2 0.0 39.7
51 28.5 8.0 48.0

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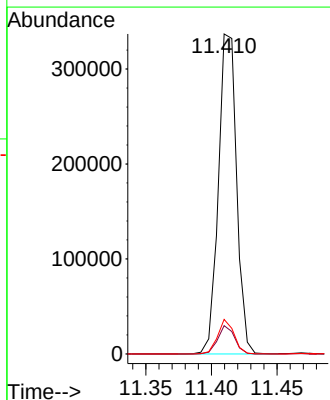
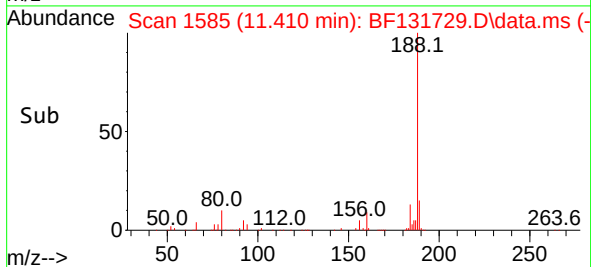
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

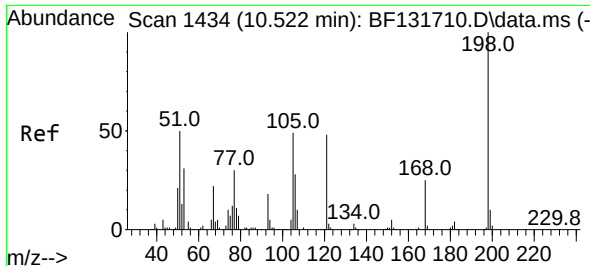


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



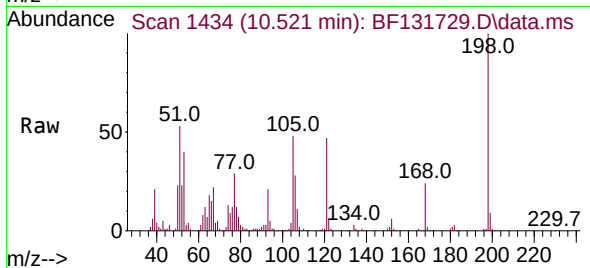
Tgt Ion:188 Resp: 326902
Ion Ratio Lower Upper
188 100
94 8.8 5.9 8.9
80 10.8 7.0 10.6





#65
4,6-Dinitro-2-methylphenol
Concen: 42.734 ng
RT: 10.521 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

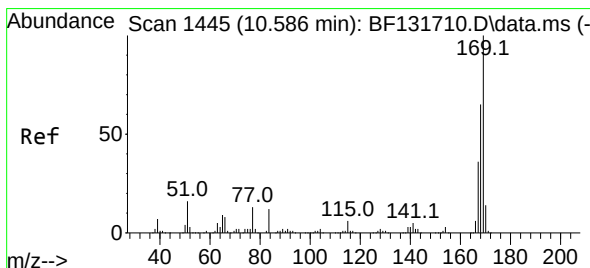
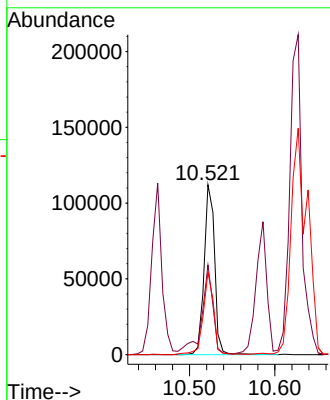
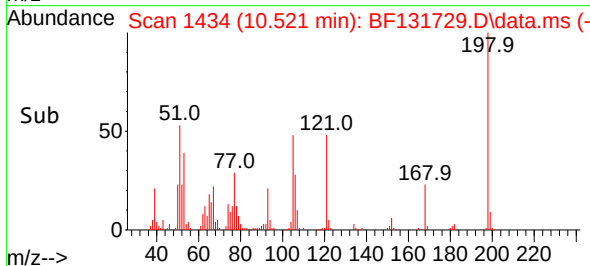
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



Tgt Ion:198 Resp: 95911
Ion Ratio Lower Upper
198 100
51 52.7 34.1 74.1
105 48.4 29.7 69.7

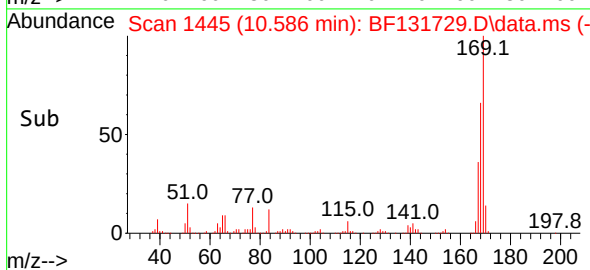
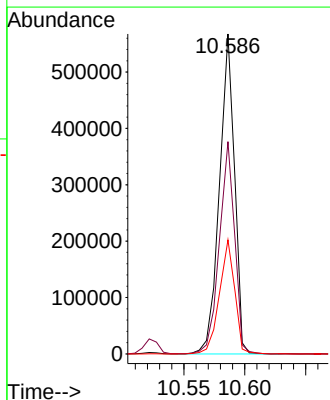
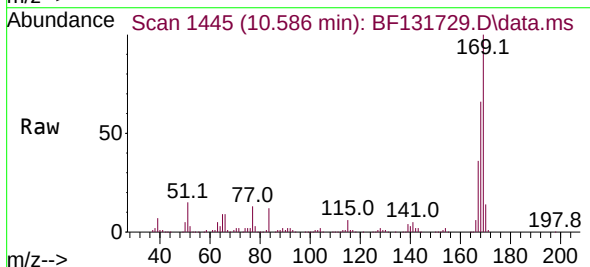
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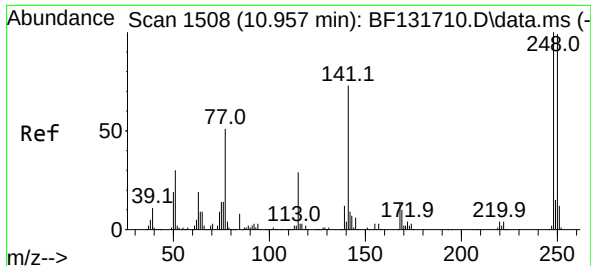
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#66
n-Nitrosodiphenylamine
Concen: 48.266 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

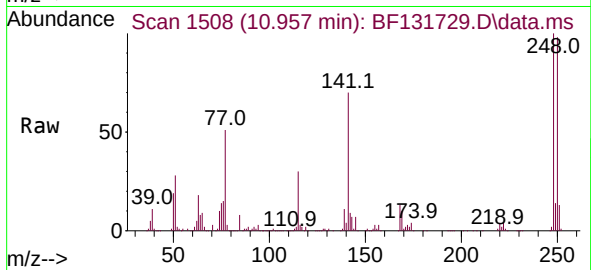
Tgt Ion:169 Resp: 489304
Ion Ratio Lower Upper
169 100
168 66.3 52.4 78.6
167 35.6 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 48.760 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

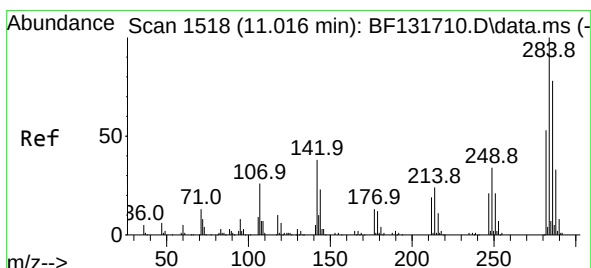
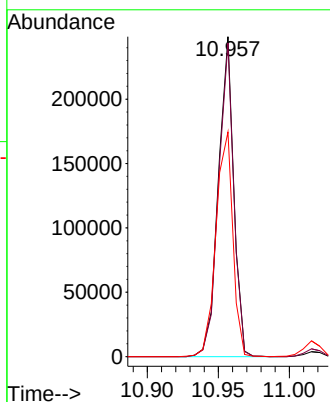
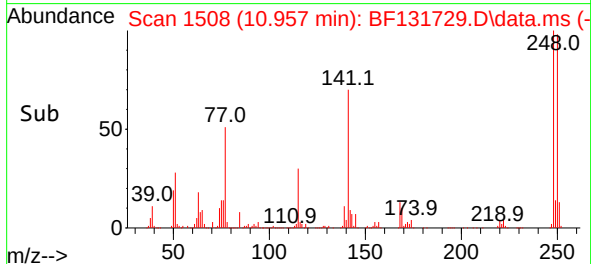
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



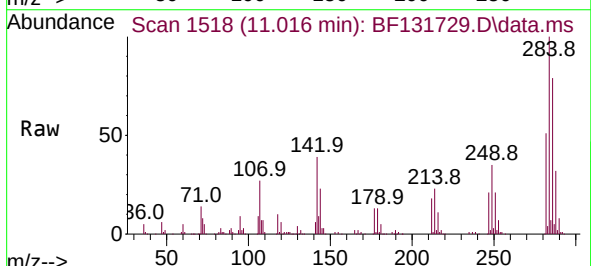
Tgt Ion:248 Resp: 188263
Ion Ratio Lower Upper
248 100
250 98.0 79.4 119.0
141 70.2 58.1 87.1

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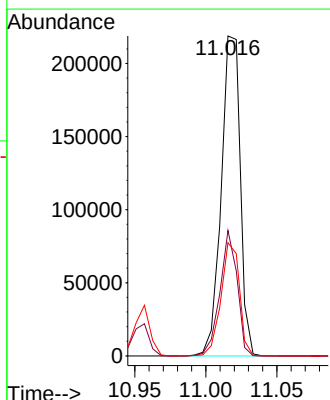
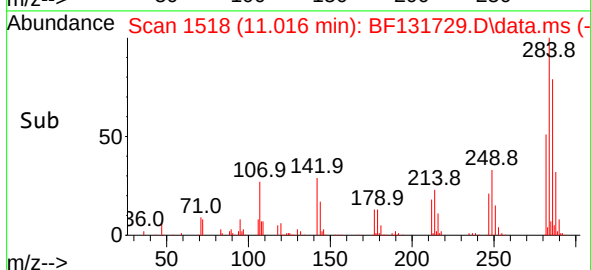
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

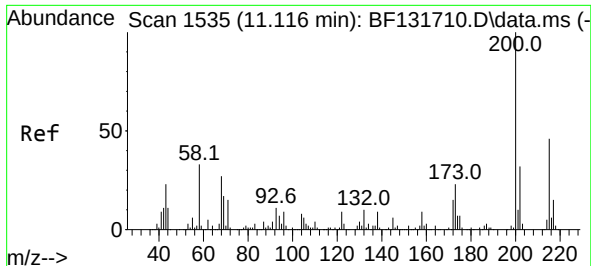


#68
Hexachlorobenzene
Concen: 48.257 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



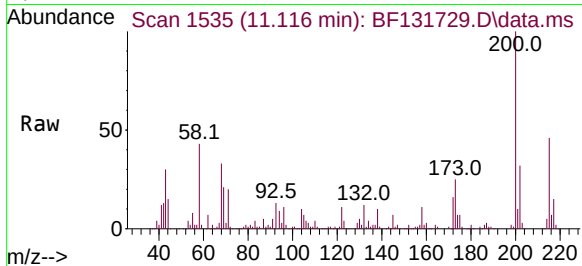
Tgt Ion:284 Resp: 204913
Ion Ratio Lower Upper
284 100
142 39.2 30.2 45.4
249 35.4 27.2 40.8





#69
 Atrazine
 Concen: 55.077 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. -0.000 min
 Lab File: BF131729.D
 Acq: 20 Dec 2022 23:48

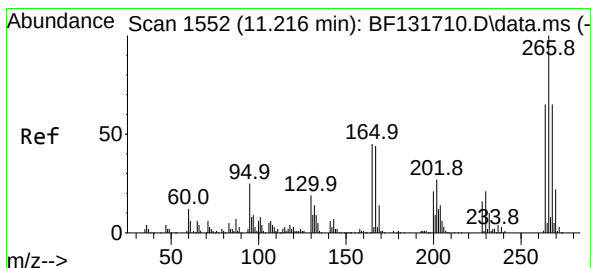
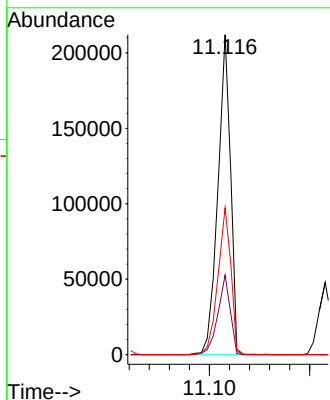
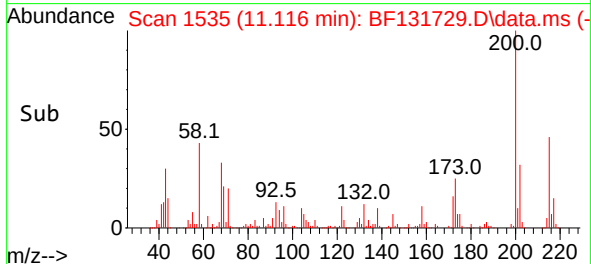
Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP8-COMP-08MSD



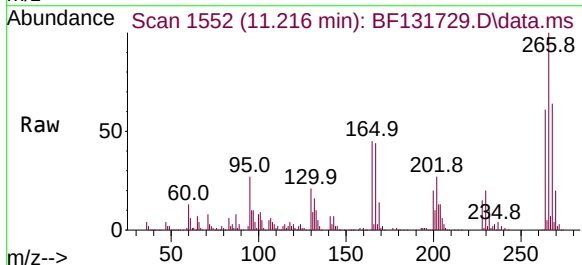
Tgt Ion:200 Resp: 186119
 Ion Ratio Lower Upper
 200 100
 173 24.8 2.7 42.7
 215 45.9 26.4 66.4

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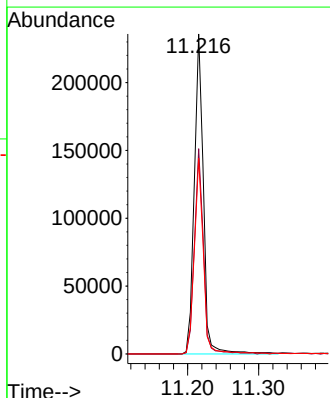
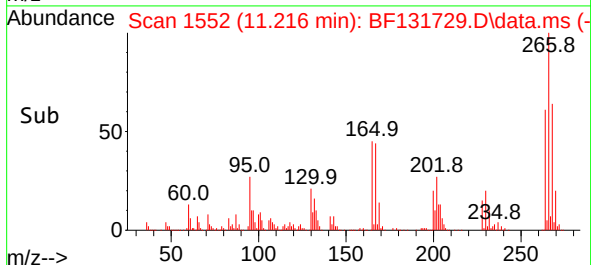
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022

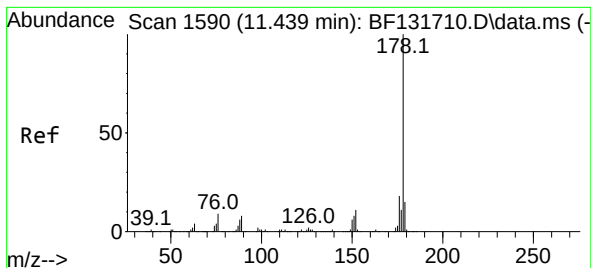


#70
 Pentachlorophenol
 Concen: 92.942 ng
 RT: 11.216 min Scan# 1552
 Delta R.T. -0.000 min
 Lab File: BF131729.D
 Acq: 20 Dec 2022 23:48



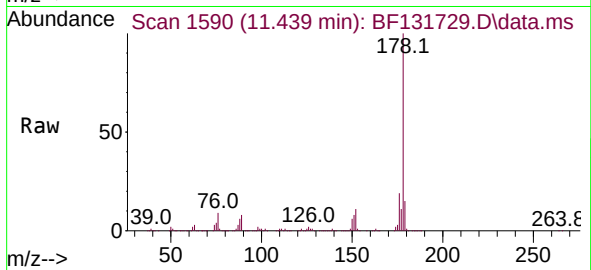
Tgt Ion:266 Resp: 209467
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.2 78.4
 264 61.2 52.0 78.0





#71
Phenanthrene
Concen: 46.482 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

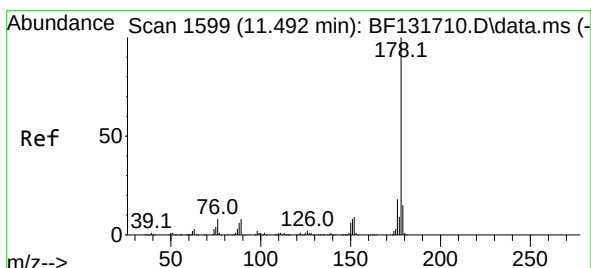
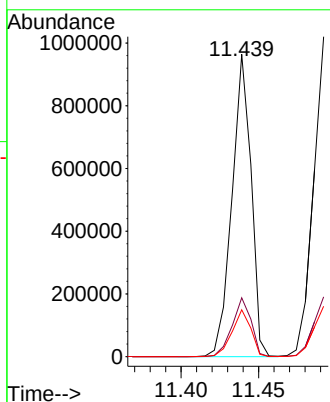
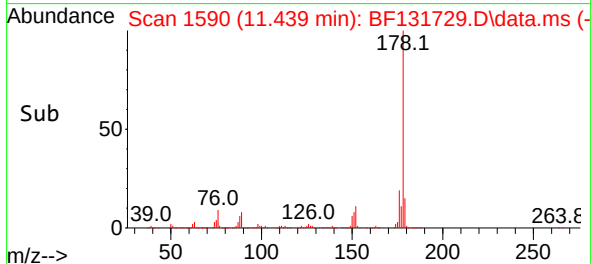
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



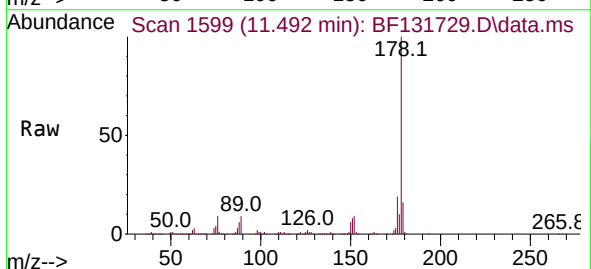
Tgt Ion:178 Resp: 828572
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 15.5 12.2 18.4

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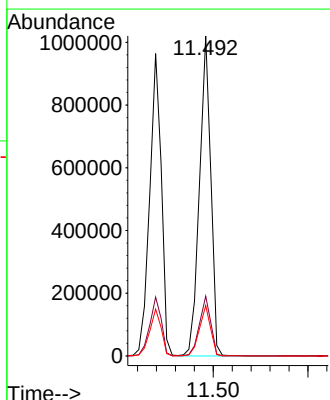
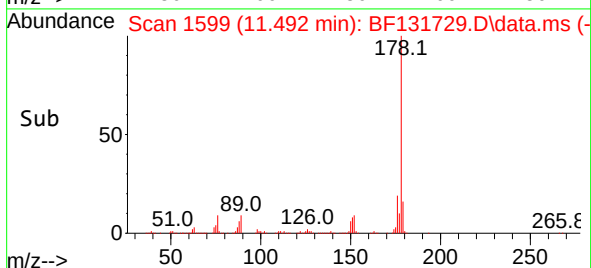
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

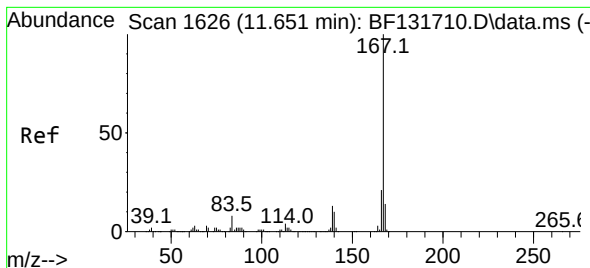


#72
Anthracene
Concen: 48.474 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



Tgt Ion:178 Resp: 846040
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.7 12.2 18.4





#73

Carbazole

Concen: 45.778 ng

RT: 11.651 min Scan# 1626

Delta R.T. -0.000 min

Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP8-COMP-08MSD

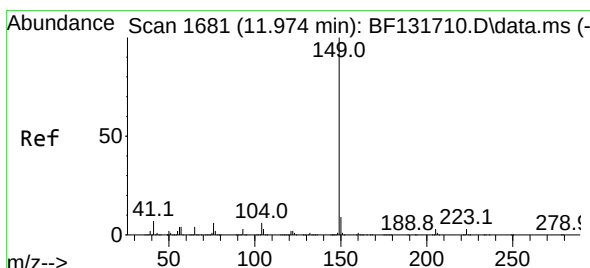
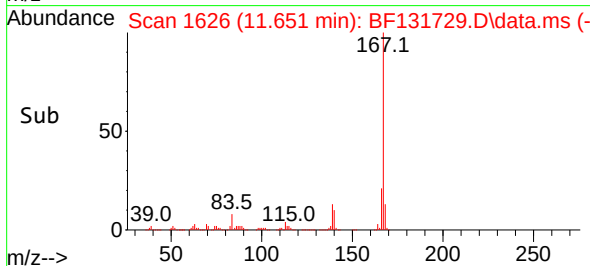
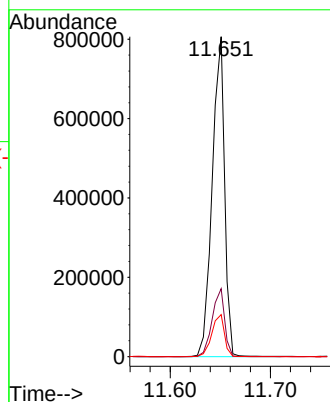
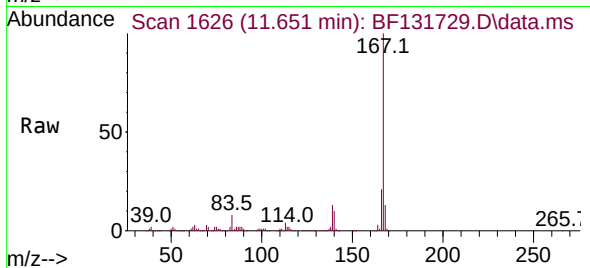
Tgt Ion:167 Resp: 691258

Ion	Ratio	Lower	Upper
167	100		
166	21.2	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: 48.262 ng

RT: 11.974 min Scan# 1681

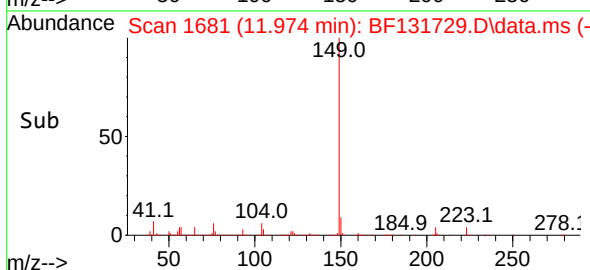
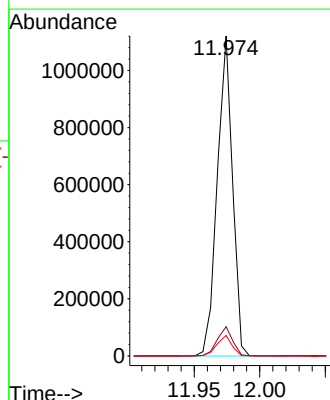
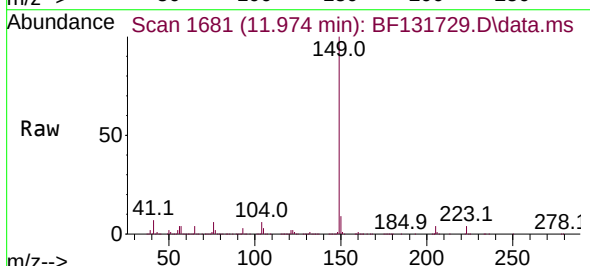
Delta R.T. -0.000 min

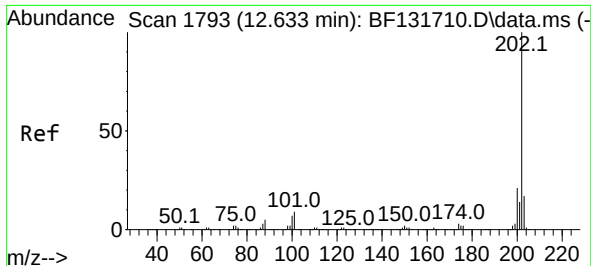
Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Tgt Ion:149 Resp: 907453

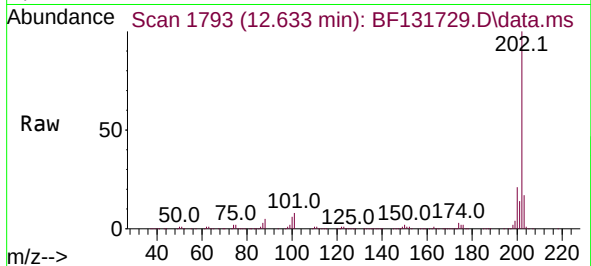
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	6.4	5.0	7.4





#75
Fluoranthene
Concen: 42.985 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

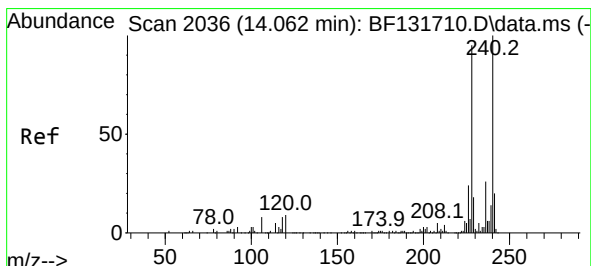
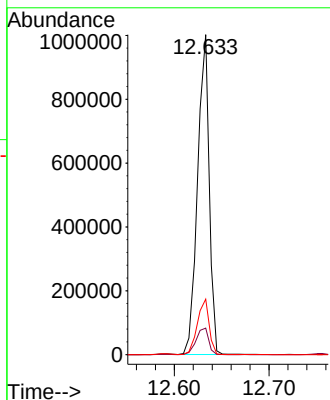
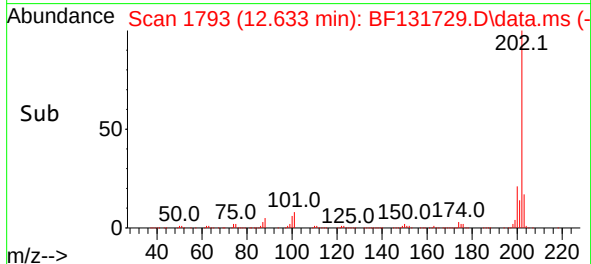
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



Tgt Ion:202 Resp: 853352
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.8
203 17.3 0.0 37.1

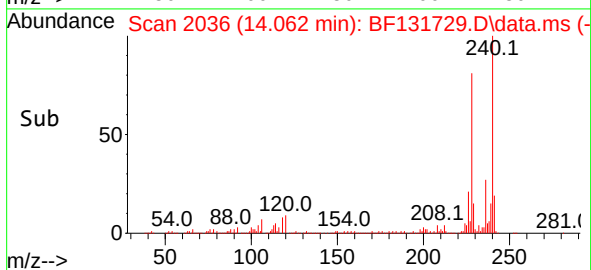
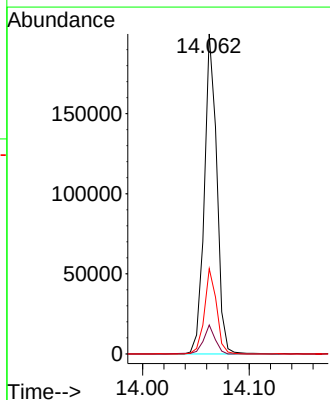
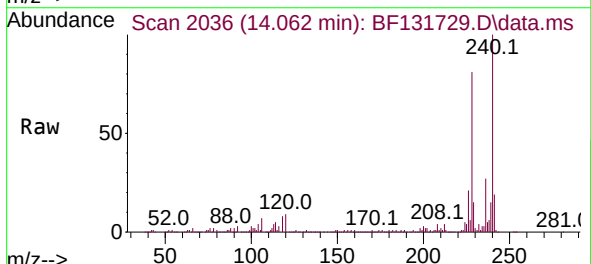
Manual Integrations
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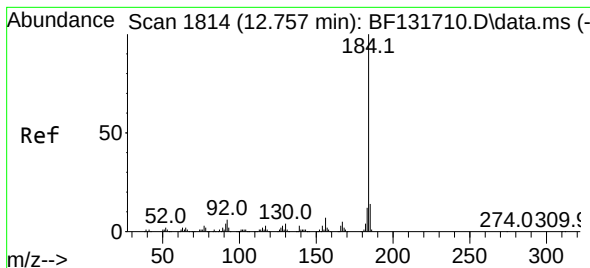
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

Tgt Ion:240 Resp: 161232
Ion Ratio Lower Upper
240 100
120 9.0 7.6 11.4
236 26.6 21.2 31.8





#77

Benzidine

Concen: 107.046 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Instrument :

BNA_F

ClientSampleId :

FVSub-TP8-COMP-08MSD

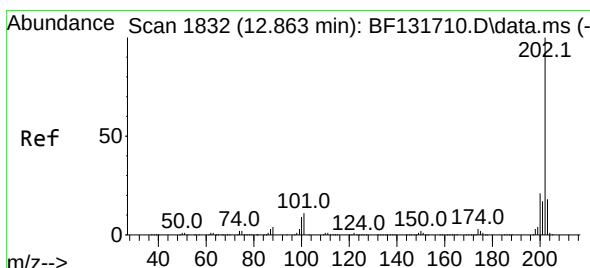
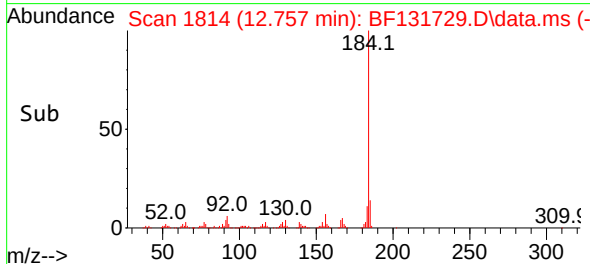
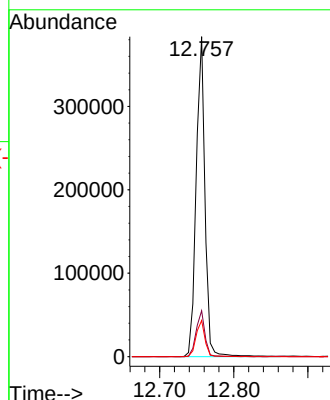
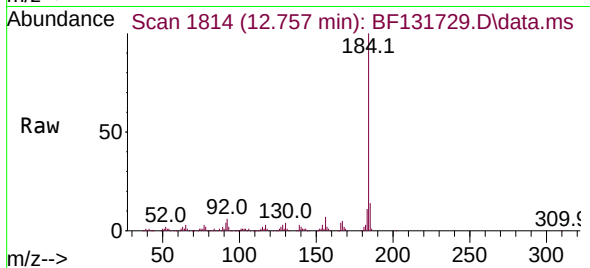
Tgt Ion:184 Resp: 316479

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.3	9.3	13.9

Manual Integrations

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



#78

Pyrene

Concen: 57.638 ng

RT: 12.862 min Scan# 1832

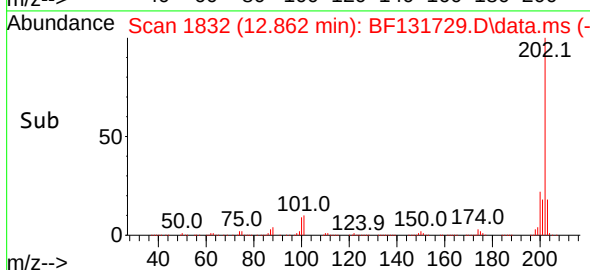
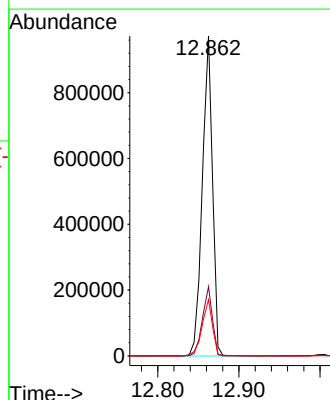
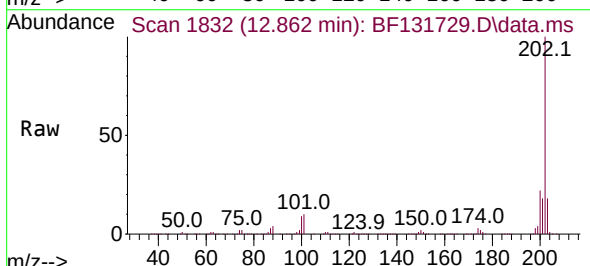
Delta R.T. -0.000 min

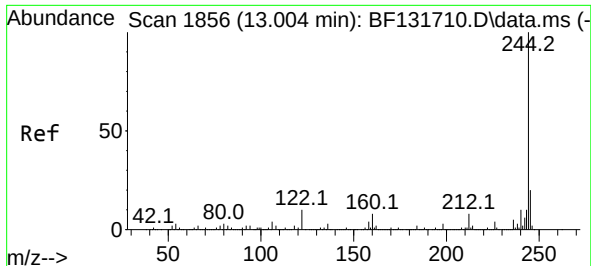
Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Tgt Ion:202 Resp: 844916

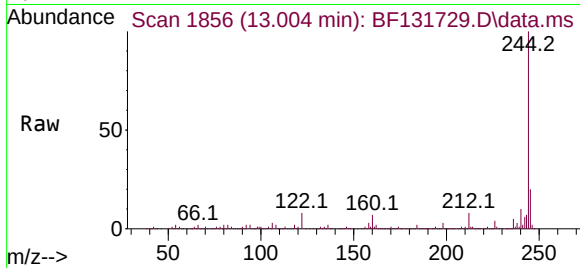
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	17.6	14.1	21.1





#79
Terphenyl-d14
Concen: 84.761 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

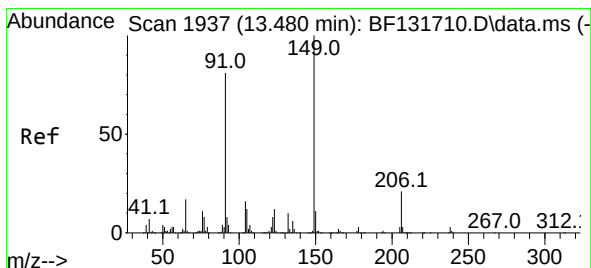
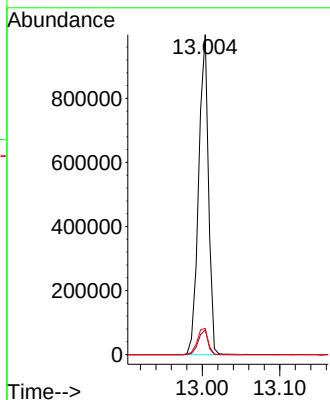
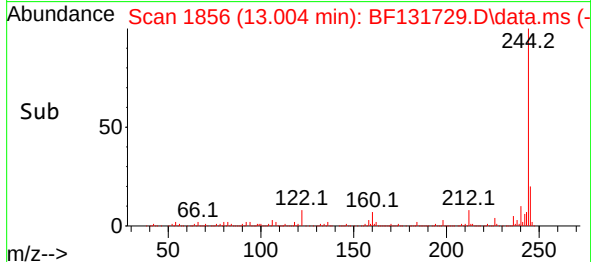
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



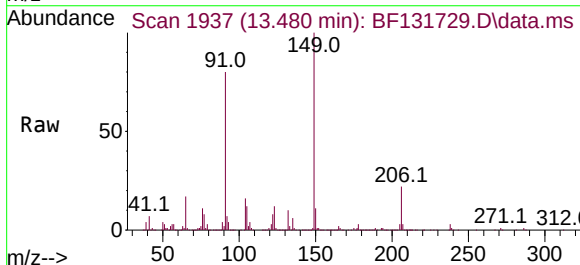
Tgt Ion:244 Resp: 876862
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 8.2 7.7 11.5

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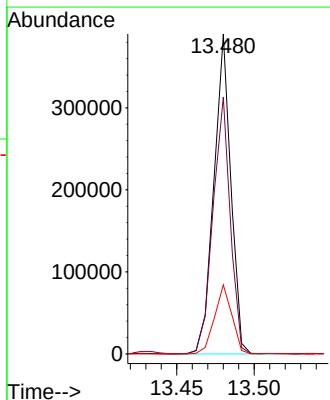
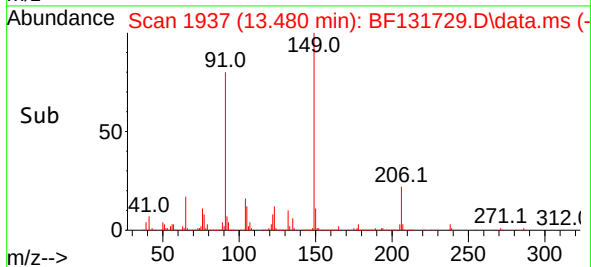
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

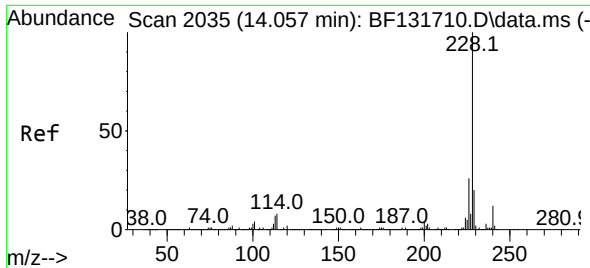


#80
Butylbenzylphthalate
Concen: 57.674 ng
RT: 13.480 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



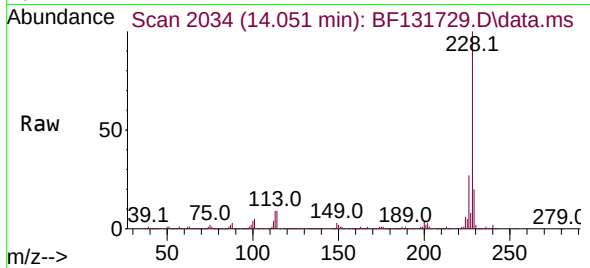
Tgt Ion:149 Resp: 298187
Ion Ratio Lower Upper
149 100
91 80.3 64.9 97.3
206 21.6 17.0 25.4





#81
Benzo(a)anthracene
Concen: 48.300 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

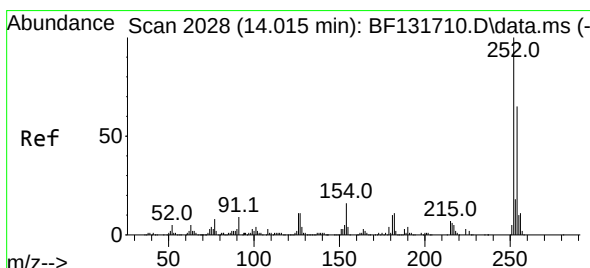
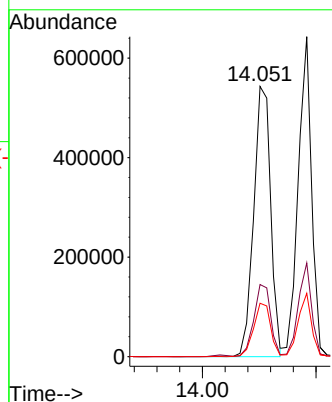
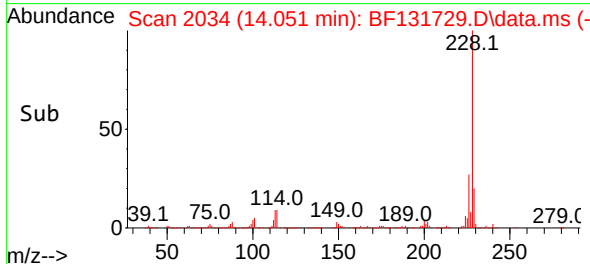
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



Tgt Ion:228 Resp: 560863
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.4
229 19.8 15.8 23.8

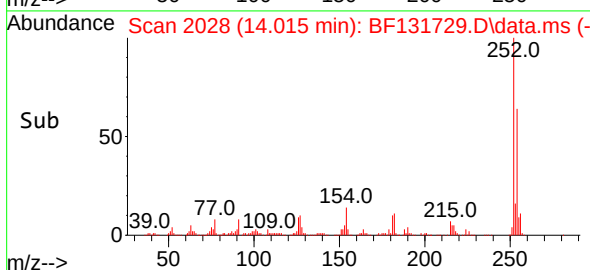
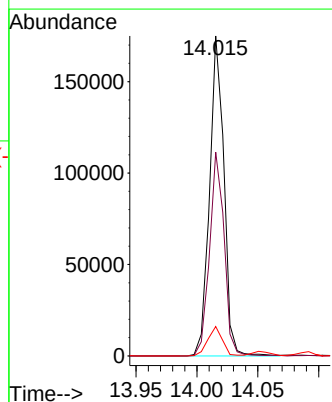
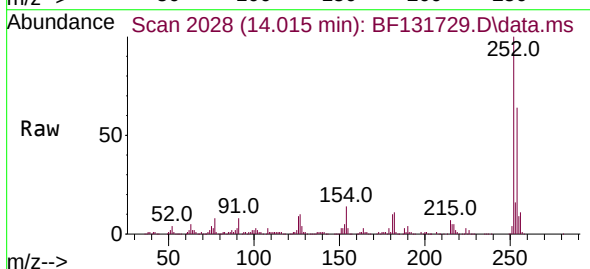
Manual Integrations
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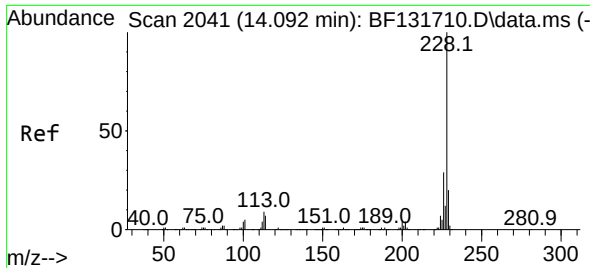
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#82
3,3'-Dichlorobenzidine
Concen: 44.405 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

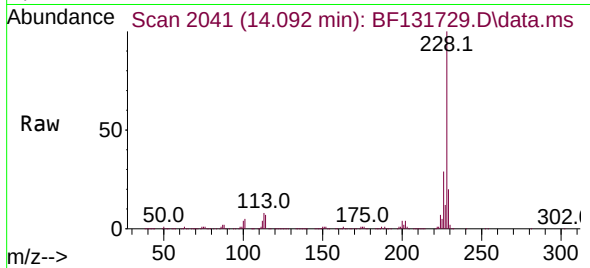
Tgt Ion:252 Resp: 143961
Ion Ratio Lower Upper
252 100
254 63.7 52.1 78.1
126 9.2 8.4 12.6





#83
Chrysene
Concen: 48.618 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

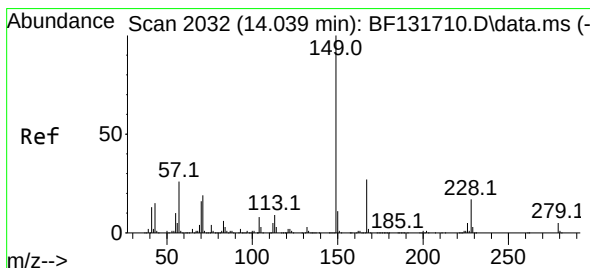
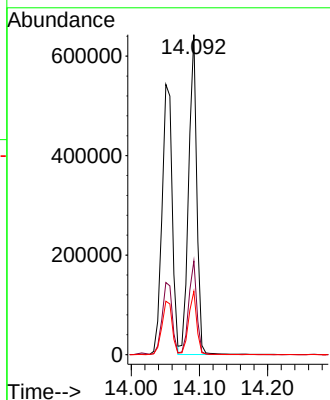
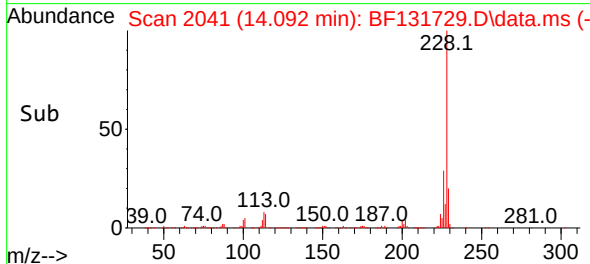
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



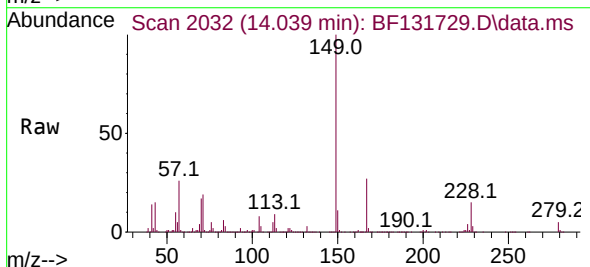
Tgt Ion:228 Resp: 53285
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 19.8 15.6 23.4

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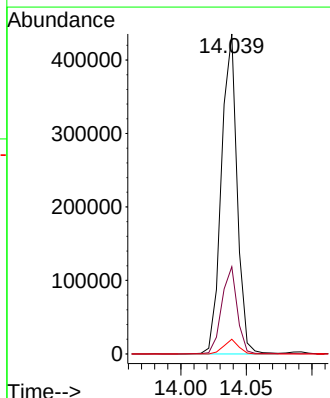
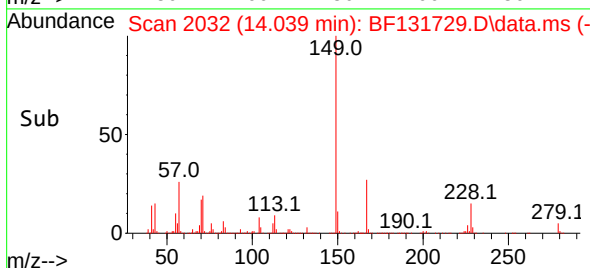
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

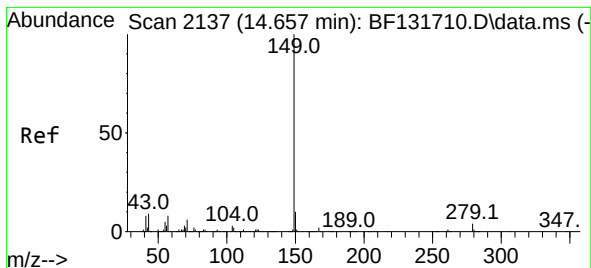


#84
Bis(2-ethylhexyl)phthalate
Concen: 59.123 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



Tgt Ion:149 Resp: 364500
Ion Ratio Lower Upper
149 100
167 27.2 21.7 32.5
279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 60.588 ng

RT: 14.656 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

Instrument :

BNA_F

ClientSampleId :

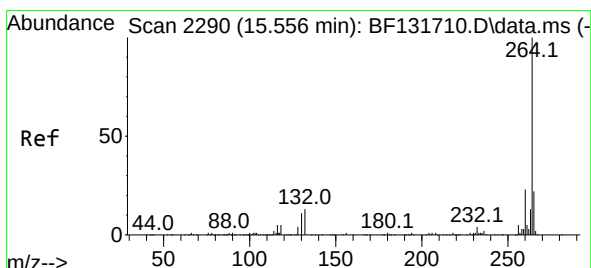
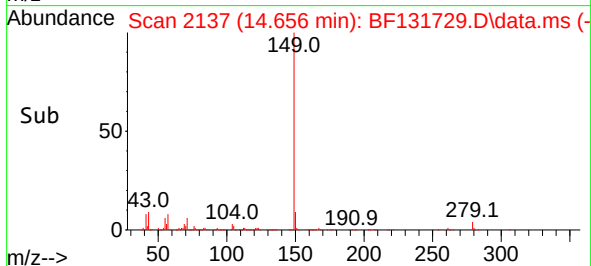
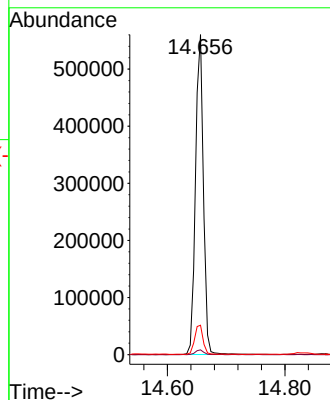
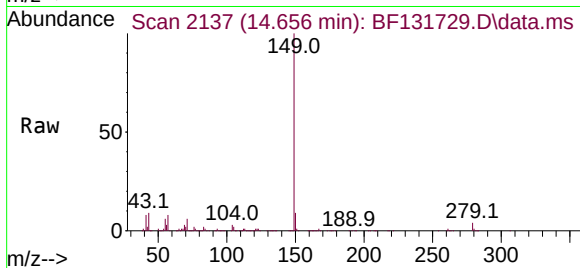
FVSUB-TP8-COMP-08MSD

Tgt Ion:149 Resp: 521413
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 9.8 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

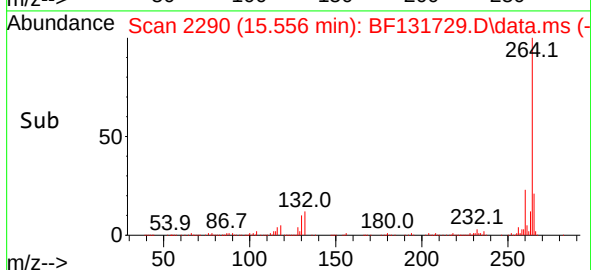
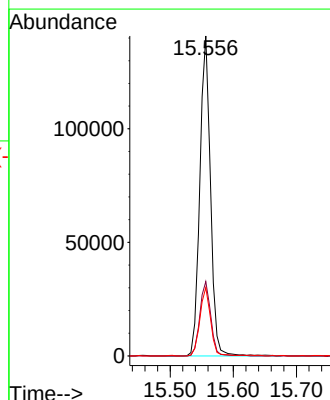
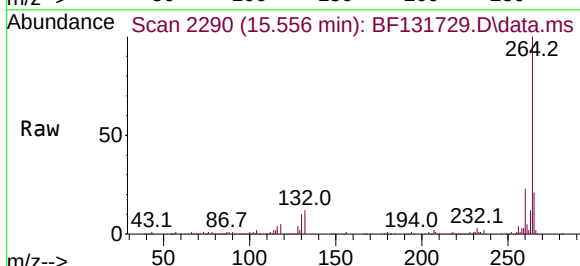
RT: 15.556 min Scan# 2290

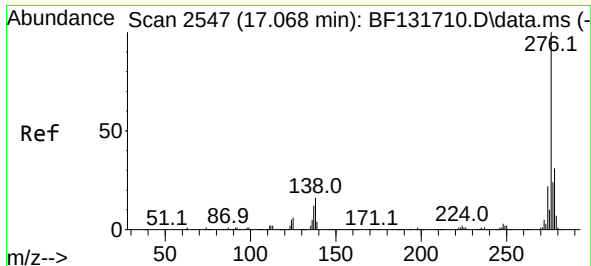
Delta R.T. -0.000 min

Lab File: BF131729.D

Acq: 20 Dec 2022 23:48

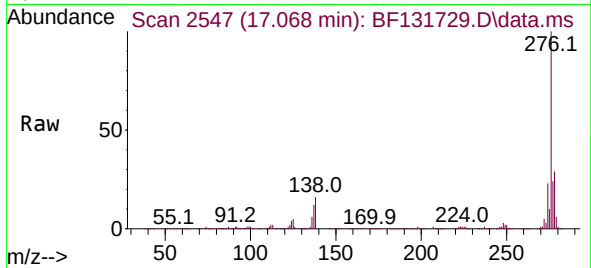
Tgt Ion:264 Resp: 164963
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.965 ng
RT: 17.068 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

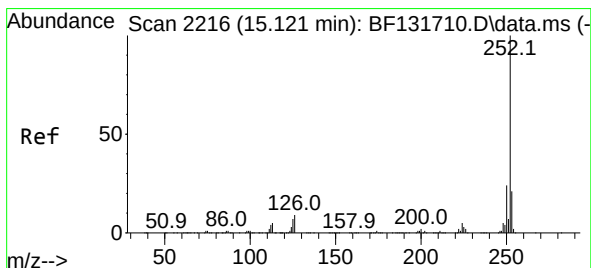
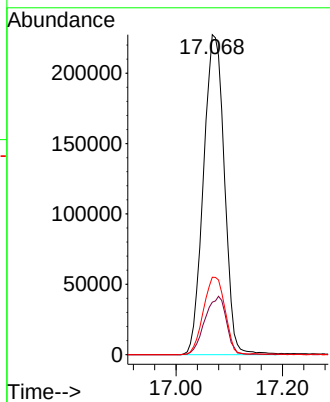
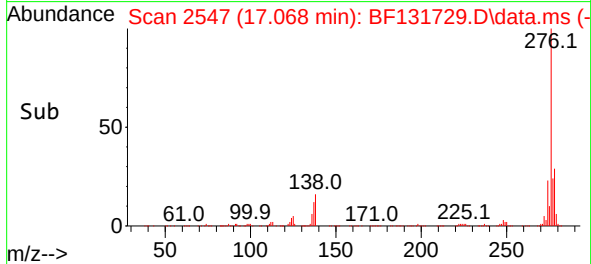
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP8-COMP-08MSD



Tgt Ion: 276 Resp: 620105
Ion Ratio Lower Upper
276 100
138 18.8 14.4 21.6
277 24.9 19.8 29.8

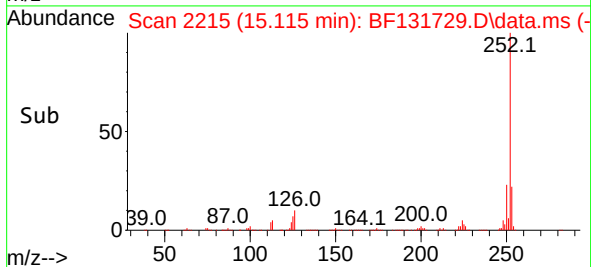
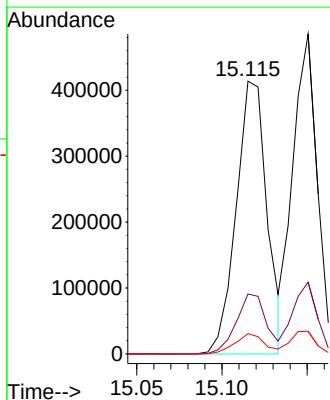
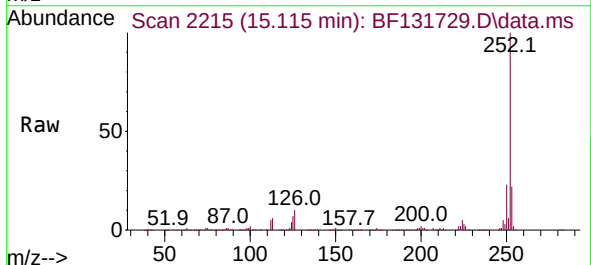
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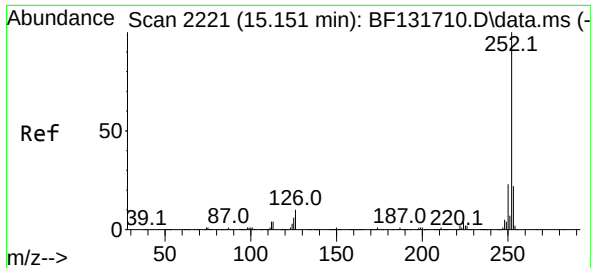
Reviewed By : Christian Giraldo 12/21/2022
Supervised By : Jagrut Upadhyay 12/21/2022



#88
Benzo(b)fluoranthene
Concen: 44.615 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

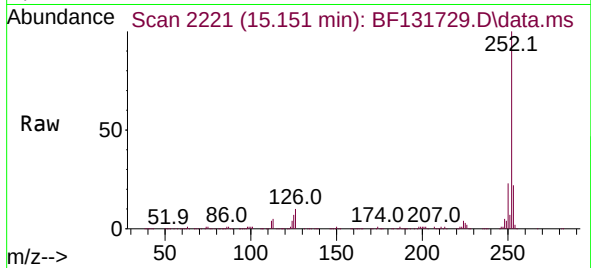
Tgt Ion: 252 Resp: 520694
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 7.4 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 43.239 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

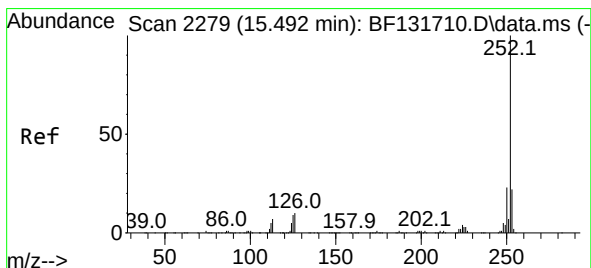
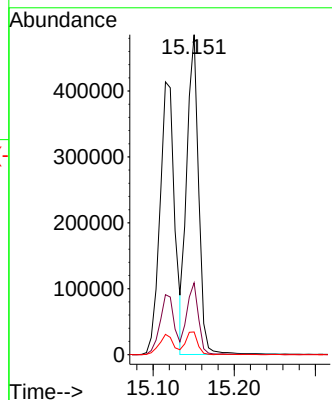
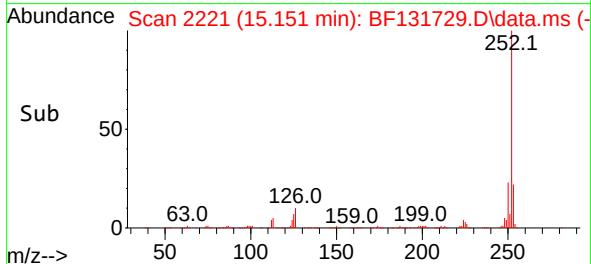
Instrument :
BNA_F
ClientSampleId :
FVSub-TP8-COMP-08MSD



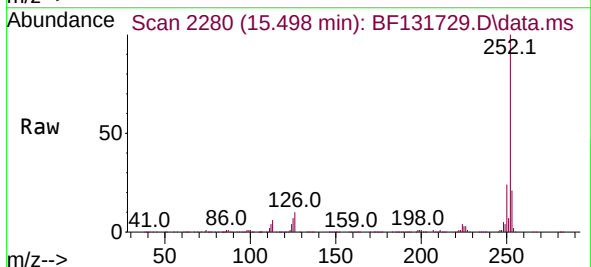
Tgt Ion:252 Resp: 492425
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 7.1 5.2 7.8

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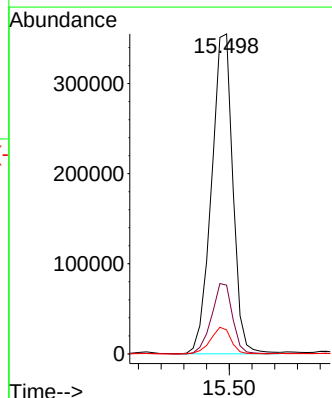
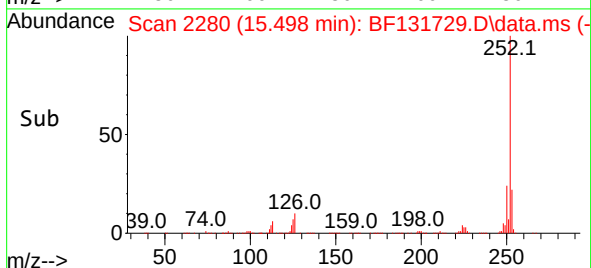
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

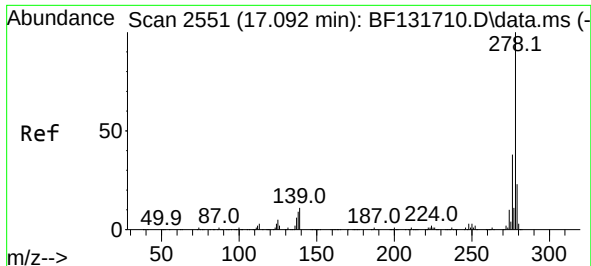


#90
Benzo(a)pyrene
Concen: 50.078 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



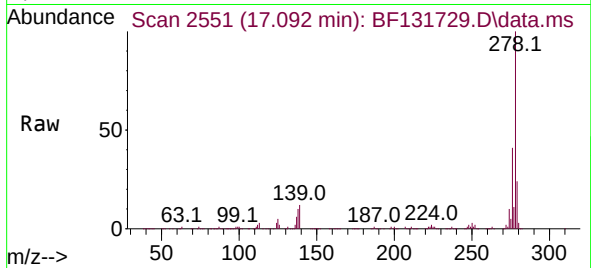
Tgt Ion:252 Resp: 462954
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 7.5 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 56.350 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48

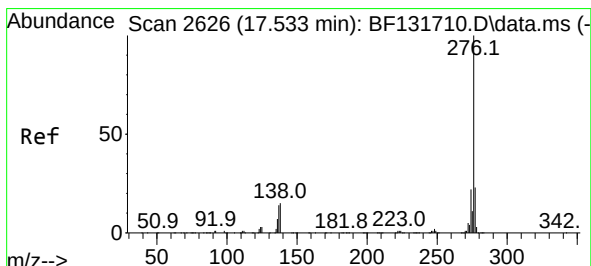
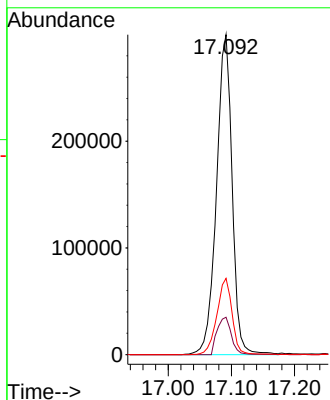
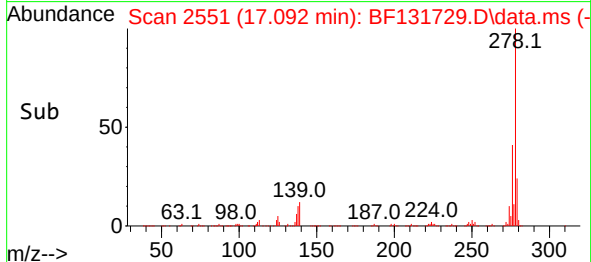
Instrument : BNA_F
ClientSampleId : FVSUB-TP8-COMP-08MSD



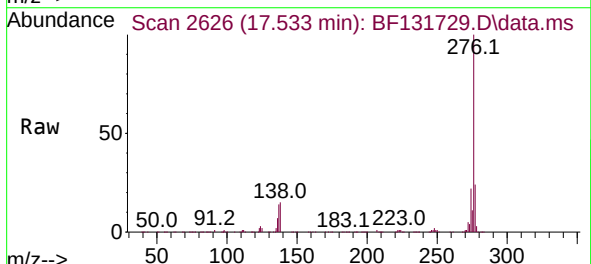
Tgt Ion: 278 Resp: 515985
Ion Ratio Lower Upper
278 100
139 11.7 8.7 13.1
279 23.8 18.7 28.1

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 55.482 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.000 min
Lab File: BF131729.D
Acq: 20 Dec 2022 23:48



Tgt Ion: 276 Resp: 502147
Ion Ratio Lower Upper
276 100
277 23.7 18.3 27.5
138 15.4 12.3 18.5

