

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131714.D
 Acq On : 20 Dec 2022 15:42
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122022

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 03:17:00 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	92933	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	329710	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	190491	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	372895	20.000	ng	0.00
76) Chrysene-d12	14.068	240	222285	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	188397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	439815	79.692	ng	0.00
7) Phenol-d6	6.498	99	592571	79.771	ng	0.00
23) Nitrobenzene-d5	7.439	82	647878	79.771	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	172805	82.880	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1120004	82.362	ng	0.00
79) Terphenyl-d14	13.004	244	1270957	89.112	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	103763	40.233	ng	99
3) Pyridine	3.351	79	296058	40.258	ng	99
4) n-Nitrosodimethylamine	3.322	42	133695	40.183	ng	98
6) Aniline	6.533	93	367585	40.083	ng	98
8) 2-Chlorophenol	6.651	128	236802	39.948	ng	99
9) Benzaldehyde	6.416	77	179718	41.599	ng	97
10) Phenol	6.516	94	356181	40.160	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	251887	39.688	ng	99
12) 1,3-Dichlorobenzene	6.804	146	264675	39.500	ng	100
13) 1,4-Dichlorobenzene	6.886	146	266018	38.839	ng	98
14) 1,2-Dichlorobenzene	7.039	146	252032	39.300	ng	99
15) Benzyl Alcohol	7.016	79	268282	40.435	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	324701	40.123	ng	99
17) 2-Methylphenol	7.128	107	220566	39.415	ng	97
18) Hexachloroethane	7.380	117	108561	39.984	ng	100
19) n-Nitroso-di-n-propyla...	7.286	70	212314	39.630	ng	98
20) 3+4-Methylphenols	7.281	107	290574	40.345	ng	97
22) Acetophenone	7.286	105	380542	39.550	ng	98
24) Nitrobenzene	7.457	77	328298	39.762	ng	95
25) Isophorone	7.698	82	550671	39.925	ng	99
26) 2-Nitrophenol	7.775	139	131169	40.650	ng	97
27) 2,4-Dimethylphenol	7.810	122	184143	40.067	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	293795	40.112	ng	99
29) 2,4-Dichlorophenol	8.016	162	222405	40.085	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	262056	40.177	ng	98
31) Naphthalene	8.180	128	716976	39.818	ng	100
32) Benzoic acid	7.945	122	162181m	44.084	ng	
33) 4-Chloroaniline	8.233	127	283223	40.332	ng	98
34) Hexachlorobutadiene	8.292	225	178291	40.628	ng	99
35) Caprolactam	8.616	113	67548	40.376	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	255865	40.370	ng	98
37) 2-Methylnaphthalene	8.875	142	487348	39.678	ng	100
38) 1-Methylnaphthalene	8.975	142	468387	39.373	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	272898	41.873	ng	100
41) Hexachlorocyclopentadiene	9.022	237	124960	42.321	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	178897	42.021	ng	98

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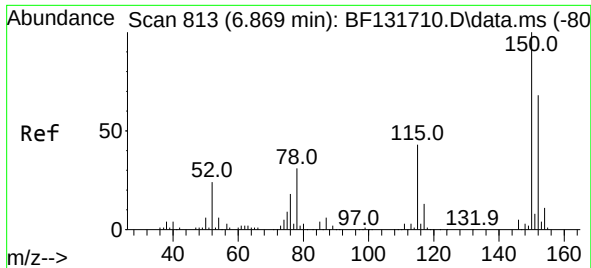
Manual Integrations
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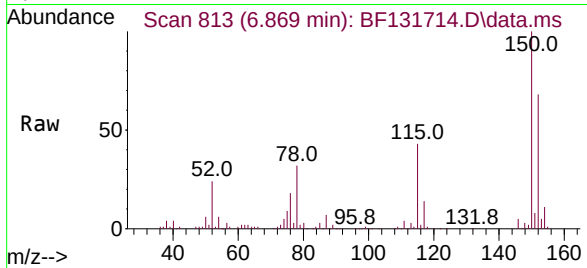
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	194530	42.208	ng	99
46) 1,1'-Biphenyl	9.339	154	598468	41.767	ng	99
47) 2-Chloronaphthalene	9.369	162	490269	41.786	ng	100
48) 2-Nitroaniline	9.469	65	179367	42.414	ng	99
49) Acenaphthylene	9.786	152	737515	41.909	ng	100
50) Dimethylphthalate	9.645	163	598944	41.786	ng	100
51) 2,6-Dinitrotoluene	9.710	165	130196	42.243	ng	96
52) Acenaphthene	9.957	154	447531	41.513	ng	99
53) 3-Nitroaniline	9.880	138	132021	41.864	ng	98
54) 2,4-Dinitrophenol	9.986	184	78061	42.270	ng	98
55) Dibenzofuran	10.127	168	678079	41.019	ng	99
56) 4-Nitrophenol	10.039	139	97590	43.237	ng	95
57) 2,4-Dinitrotoluene	10.116	165	177314	42.814	ng	97
58) Fluorene	10.474	166	560259	41.918	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	161865m	42.069	ng	
60) Diethylphthalate	10.345	149	573082	41.494	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	292562	41.185	ng	100
62) 4-Nitroaniline	10.504	138	133737	42.137	ng	98
63) Azobenzene	10.627	77	631259	41.622	ng	99
65) 4,6-Dinitro-2-methylph...	10.521	198	109542	42.787	ng	98
66) n-Nitrosodiphenylamine	10.586	169	464979	40.210	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	180079	40.888	ng	98
68) Hexachlorobenzene	11.021	284	197081	40.688	ng	# 88
69) Atrazine	11.116	200	157912	40.966	ng	99
70) Pentachlorophenol	11.216	266	109689	42.667	ng	98
71) Phenanthrene	11.439	178	808343	39.754	ng	98
72) Anthracene	11.492	178	807808	40.575	ng	99
73) Carbazole	11.651	167	686050	39.829	ng	99
74) Di-n-butylphthalate	11.974	149	849578	39.611	ng	100
75) Fluoranthene	12.633	202	890526	39.325	ng	99
77) Benzidine	12.757	184	158569	38.903	ng	98
78) Pyrene	12.862	202	897041	44.386	ng	100
80) Butylbenzylphthalate	13.480	149	312129	43.789	ng	98
81) Benzo(a)anthracene	14.057	228	672595	42.013	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	177447	39.701	ng	# 98
83) Chrysene	14.092	228	636503	42.124	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	373481	43.941	ng	100
85) Di-n-octyl phthalate	14.656	149	507311	42.758	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	540205	42.689	ng	99
88) Benzo(b)fluoranthene	15.115	252	507131	38.048	ng	99
89) Benzo(k)fluoranthene	15.151	252	510032	39.215	ng	99
90) Benzo(a)pyrene	15.498	252	420390	39.818	ng	97
91) Dibenzo(a,h)anthracene	17.092	278	450076	43.038	ng	98
92) Benzo(g,h,i)perylene	17.533	276	450264	43.562	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

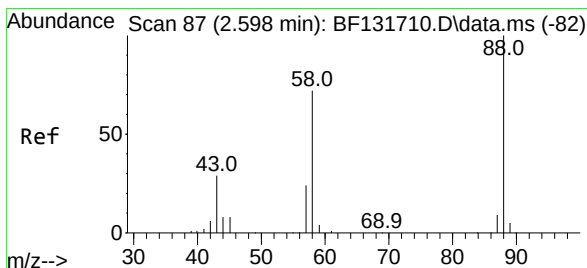
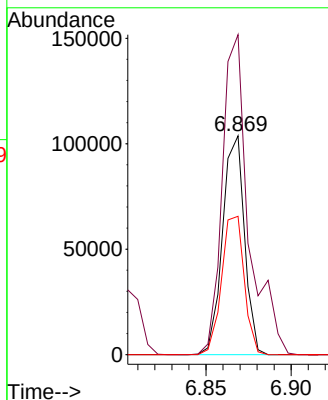
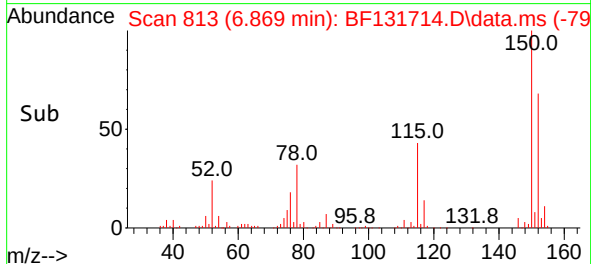
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



Tgt Ion:152 Resp: 92933
Ion Ratio Lower Upper
152 100
150 146.2 117.4 176.0
115 63.2 50.2 75.4

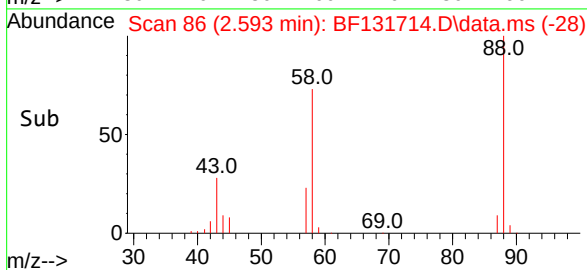
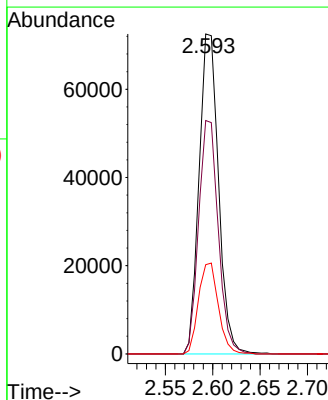
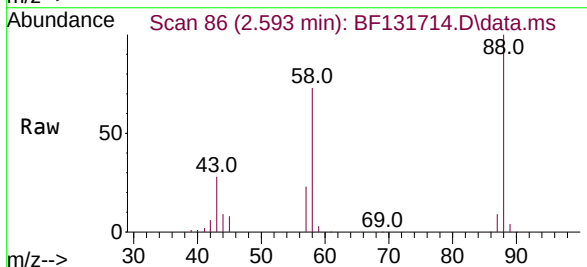
Manual Integrations
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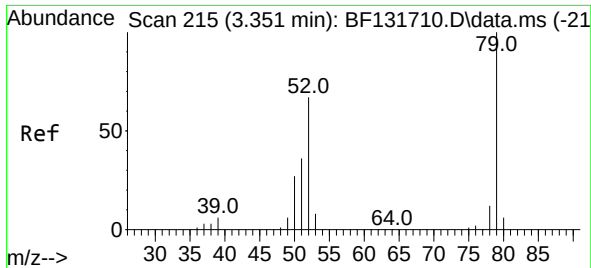
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#2
1,4-Dioxane
Concen: 40.233 ng
RT: 2.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Tgt Ion: 88 Resp: 103763
Ion Ratio Lower Upper
88 100
58 73.4 57.5 86.3
43 28.9 23.3 34.9





#3

Pyridine

Concen: 40.258 ng

RT: 3.351 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

Tgt Ion: 79 Resp: 296058

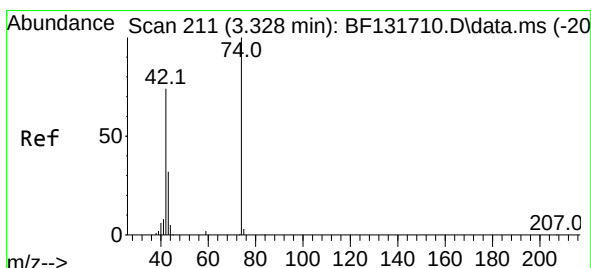
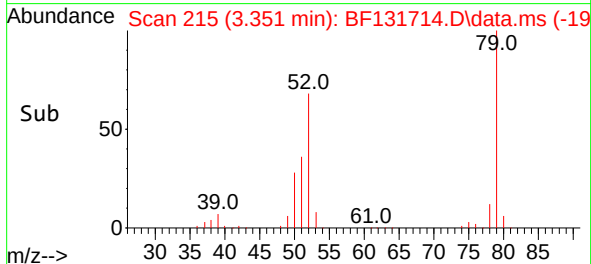
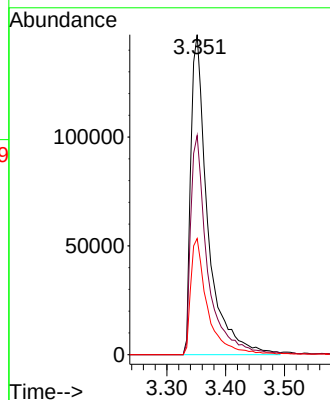
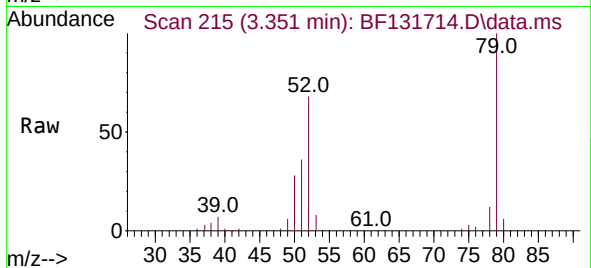
Ion	Ratio	Lower	Upper
79	100		
52	68.5	53.7	80.5
51	36.3	28.6	42.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 40.183 ng

RT: 3.322 min Scan# 210

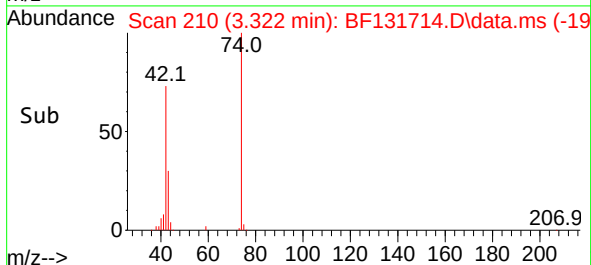
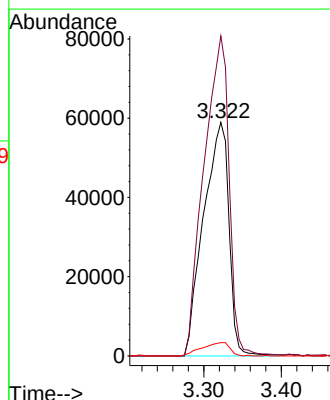
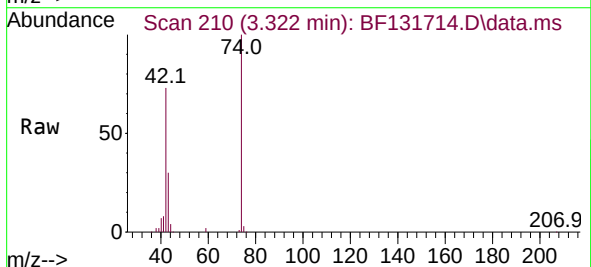
Delta R.T. -0.006 min

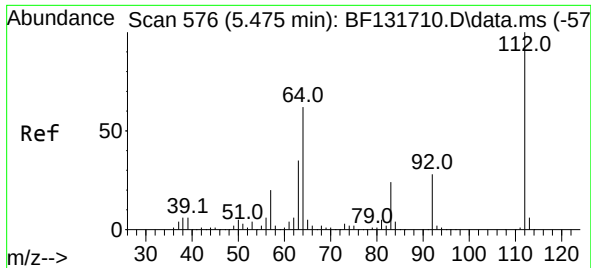
Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

Tgt Ion: 42 Resp: 133695

Ion	Ratio	Lower	Upper
42	100		
74	137.1	107.8	161.8
44	5.7	5.5	8.3





#5
2-Fluorophenol
Concen: 79.692 ng
RT: 5.475 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

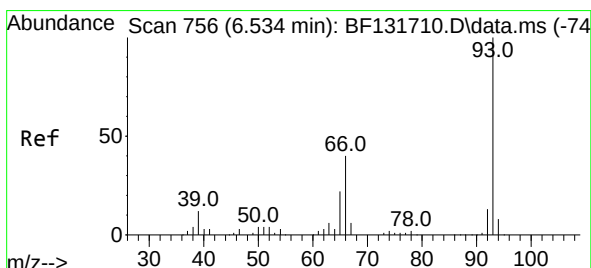
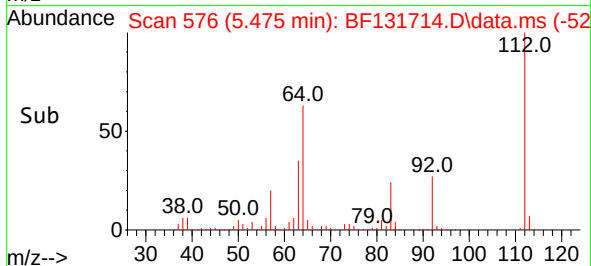
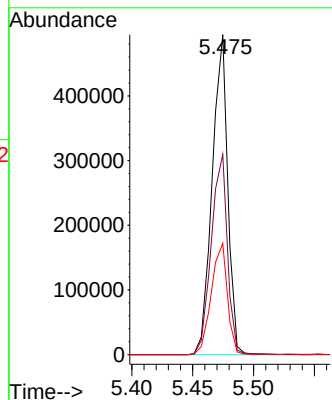
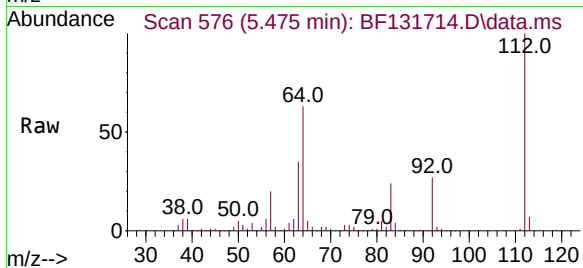
ICVBF122022

Tgt Ion:112 Resp: 439815
Ion Ratio Lower Upper
112 100
64 62.6 49.5 74.3
63 34.8 28.2 42.2

Manual Integrations

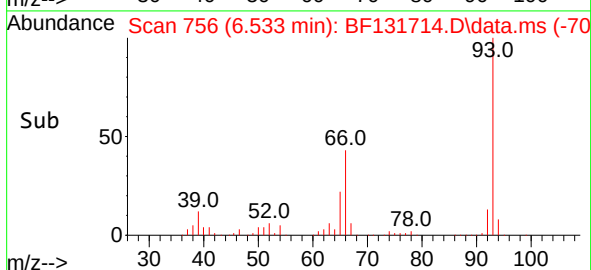
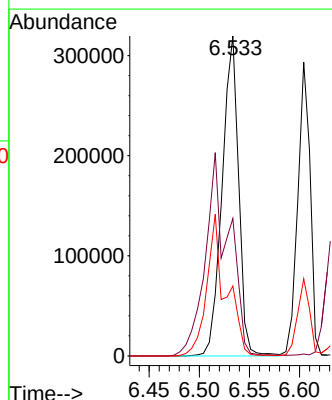
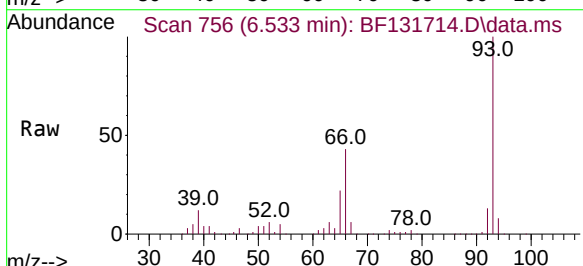
APPROVED

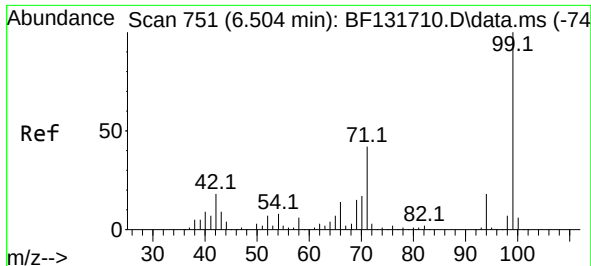
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#6
Aniline
Concen: 40.083 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

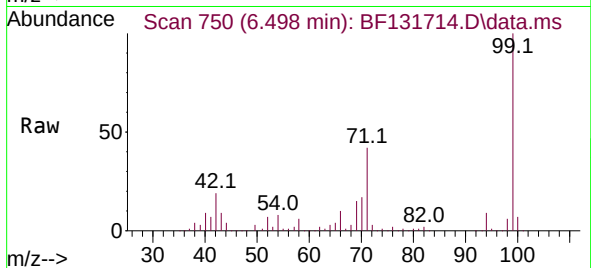
Tgt Ion: 93 Resp: 367585
Ion Ratio Lower Upper
93 100
66 42.9 32.8 49.2
65 21.8 17.4 26.2





#7
Phenol-d6
Concen: 79.771 ng
RT: 6.498 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

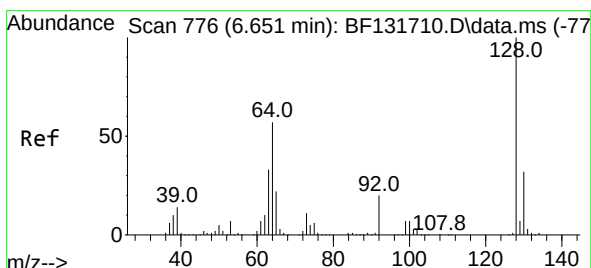
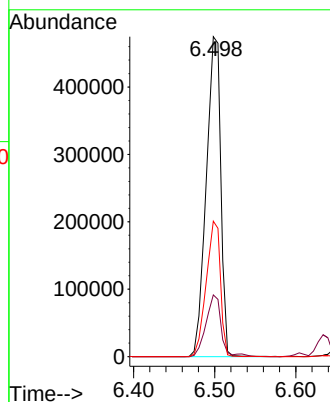
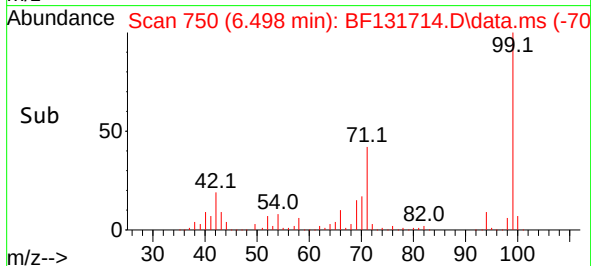
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 59257
Ion Ratio Lower Upper
99 100
42 19.3 14.8 22.2
71 42.3 33.8 50.6

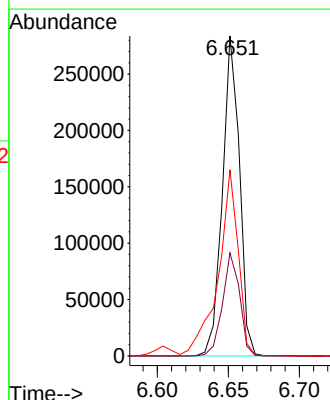
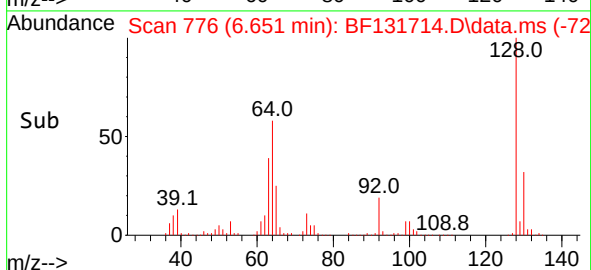
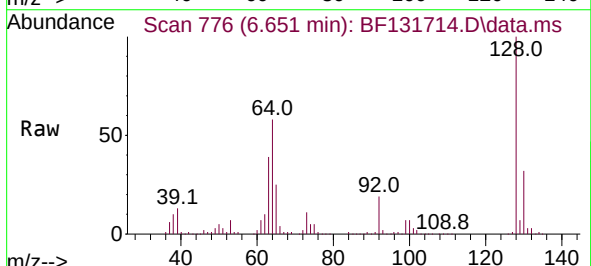
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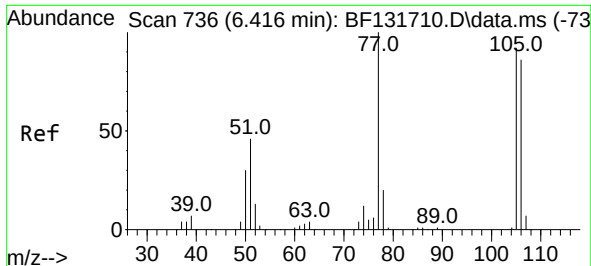
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#8
2-Chlorophenol
Concen: 39.948 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

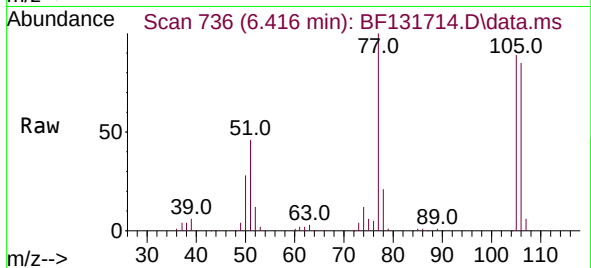
Tgt Ion:128 Resp: 236802
Ion Ratio Lower Upper
128 100
130 32.2 12.0 52.0
64 58.2 37.7 77.7





#9
Benzaldehyde
Concen: 41.599 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

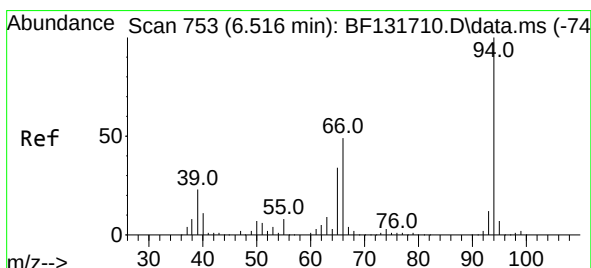
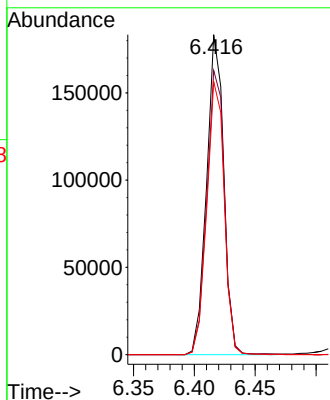
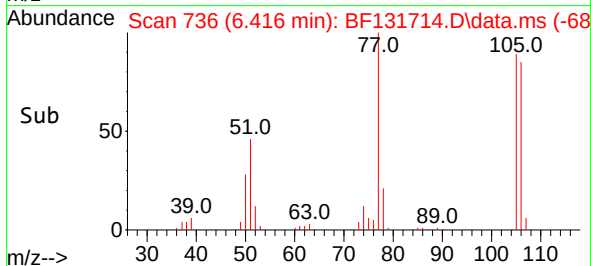
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



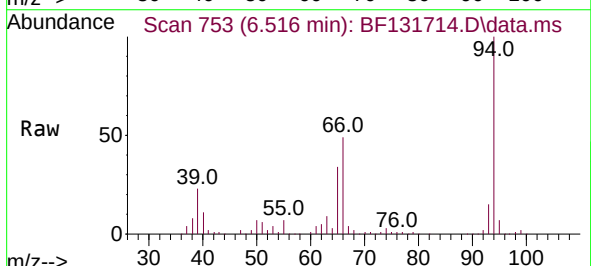
Tgt Ion: 77 Resp: 179718
Ion Ratio Lower Upper
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105 88.8 72.4 112.4
106 85.3 66.5 106.5

Manual Integrations
APPROVED

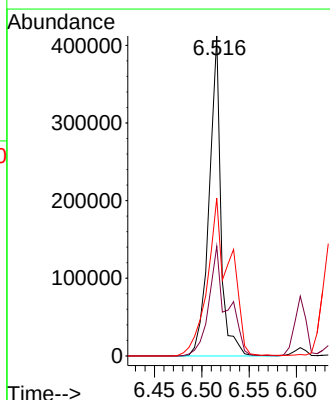
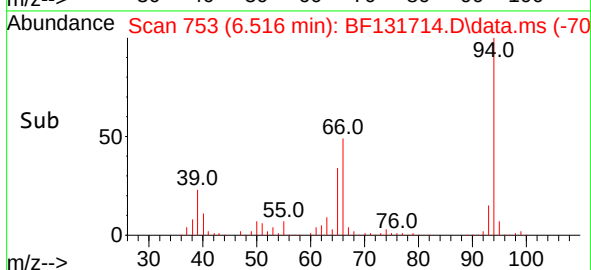
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

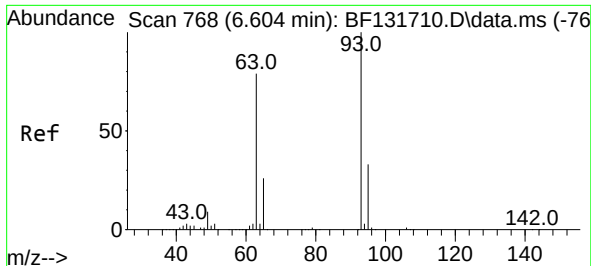


#10
Phenol
Concen: 40.160 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion: 94 Resp: 356181
Ion Ratio Lower Upper
94 100
65 34.3 14.0 54.0
66 49.3 28.8 68.8





#11

bis(2-Chloroethyl)ether

Concen: 39.688 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

Tgt Ion: 93 Resp: 25188

Ion Ratio Lower Upper

93 100

63 78.1 59.0 99.0

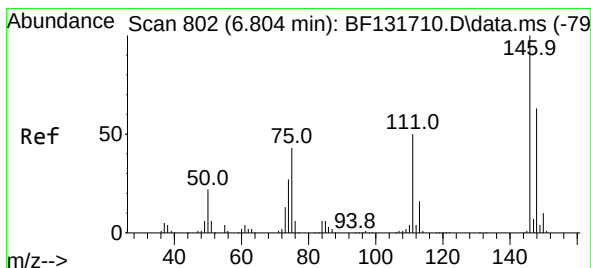
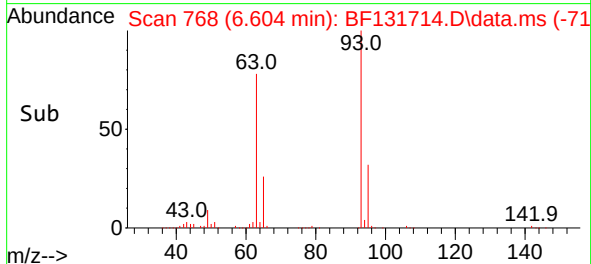
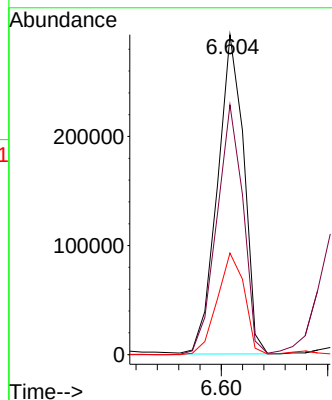
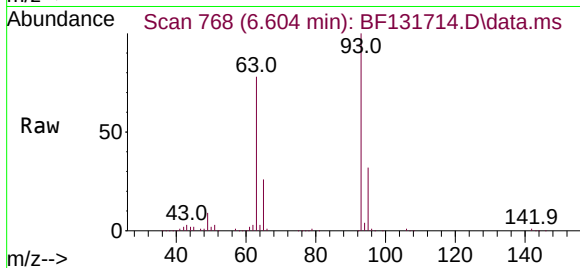
95 31.8 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#12

1,3-Dichlorobenzene

Concen: 39.500 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

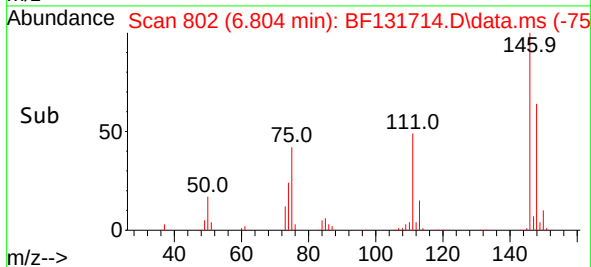
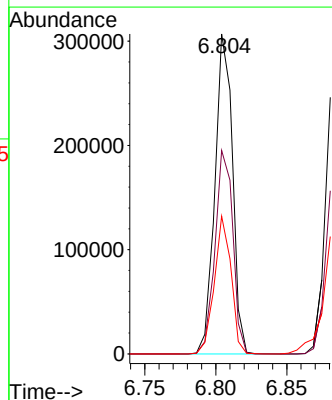
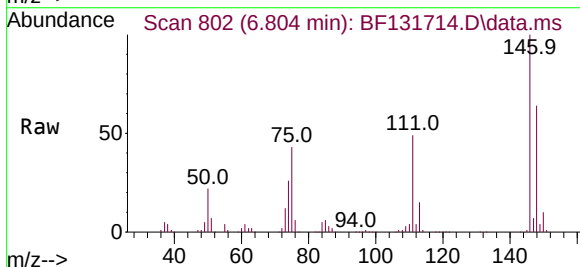
Tgt Ion:146 Resp: 264675

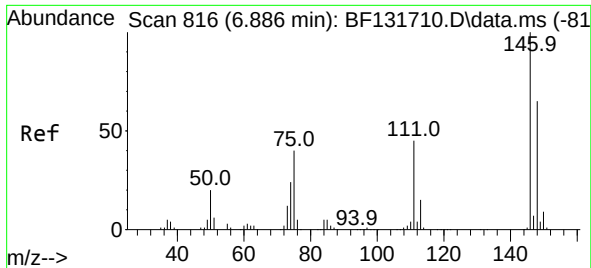
Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

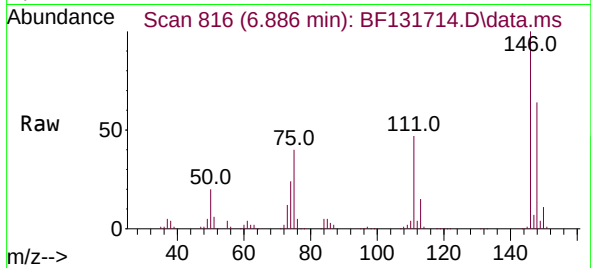
75 43.0 34.3 51.5





#13
1,4-Dichlorobenzene
Concen: 38.839 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

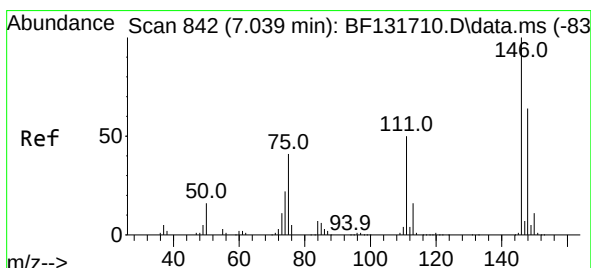
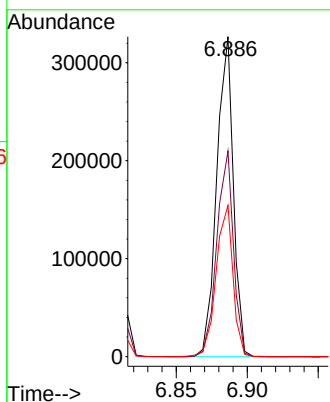
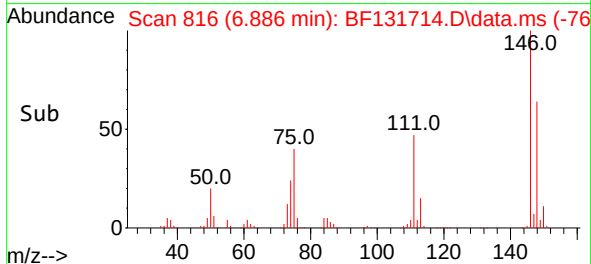
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



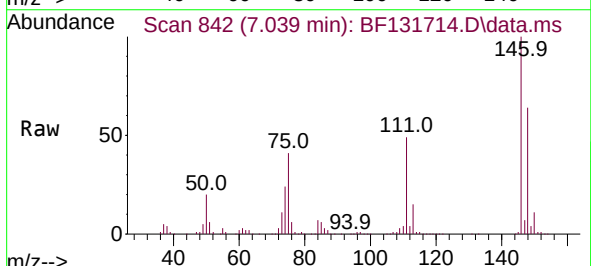
Tgt Ion:146 Resp: 266018
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.4
111 47.2 36.4 54.6

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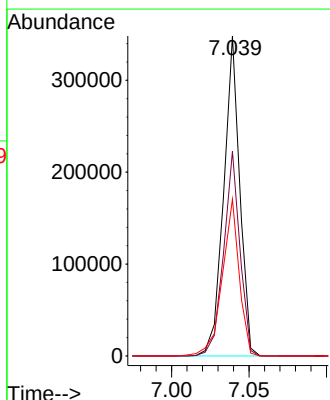
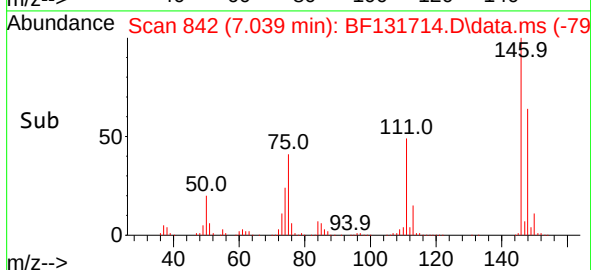
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

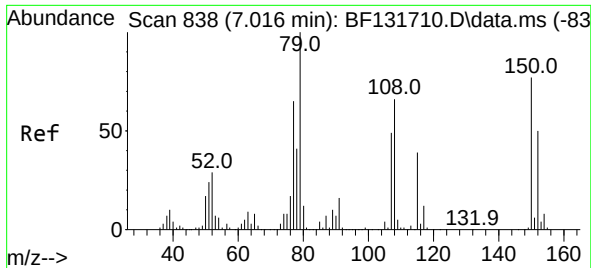


#14
1,2-Dichlorobenzene
Concen: 39.300 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion:146 Resp: 252032
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 49.0 39.8 59.6





#15

Benzyl Alcohol

Concen: 40.435 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

Tgt Ion: 79 Resp: 268282

Ion Ratio Lower Upper

79 100

108 66.5 52.6 78.8

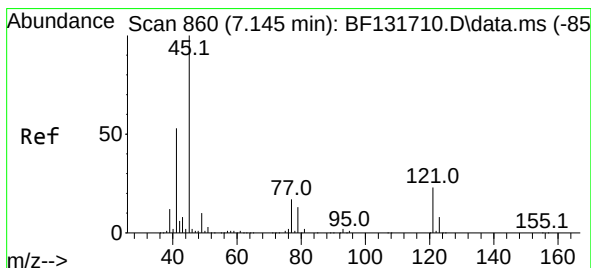
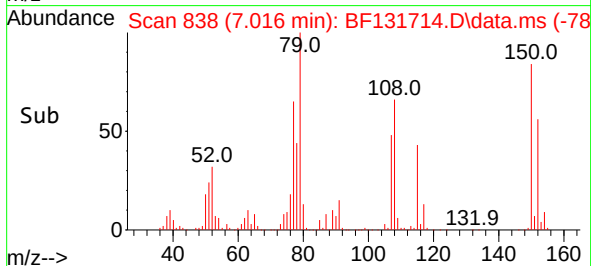
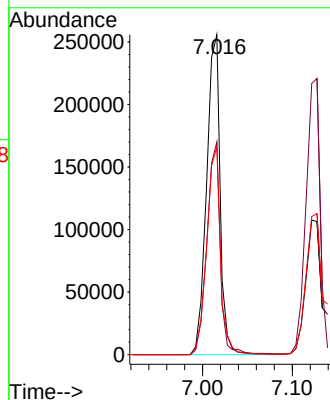
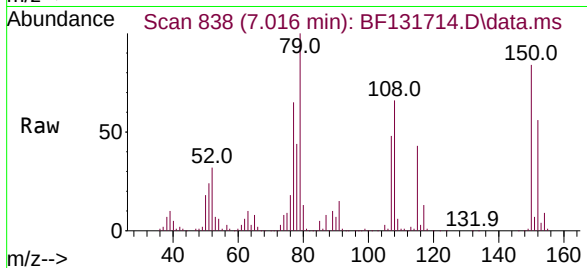
77 64.9 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.123 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

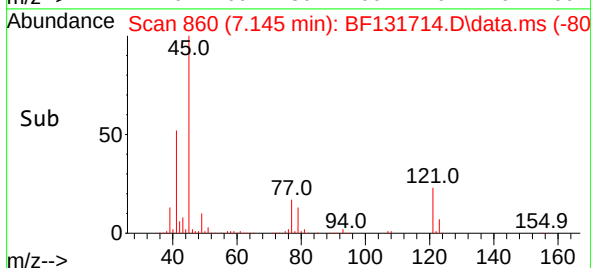
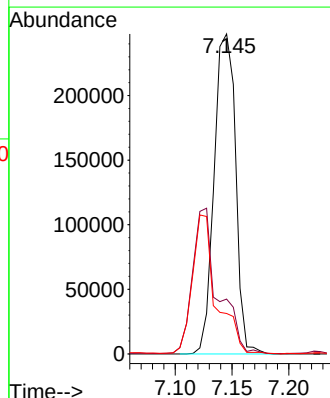
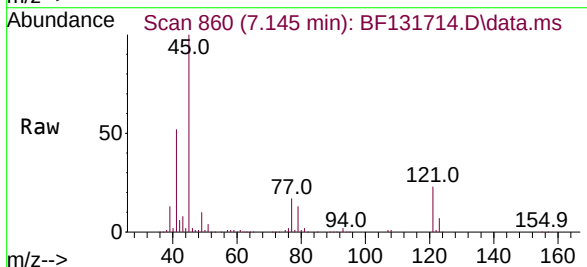
Tgt Ion: 45 Resp: 324701

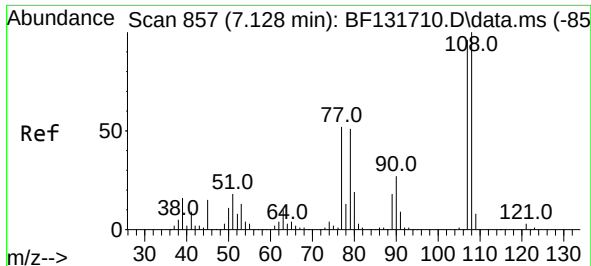
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.8

79 12.6 0.0 33.1





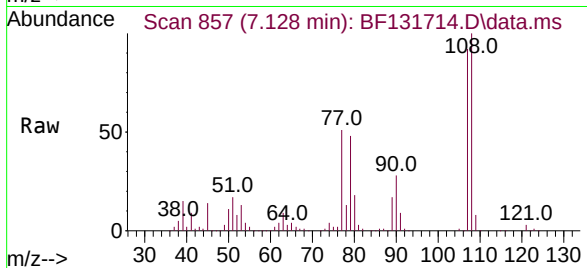
#17
2-Methylphenol
Concen: 39.415 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

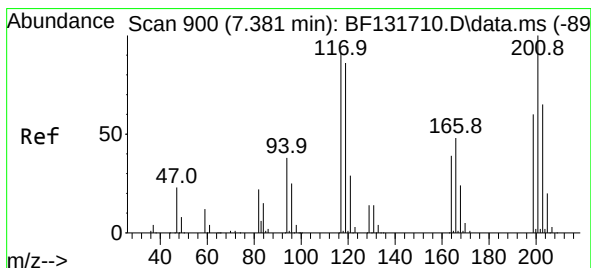
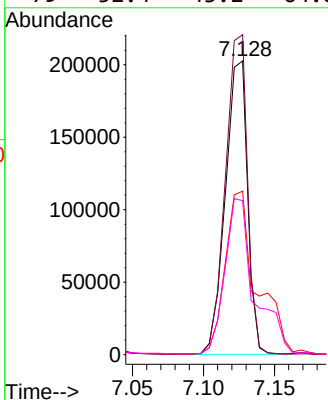
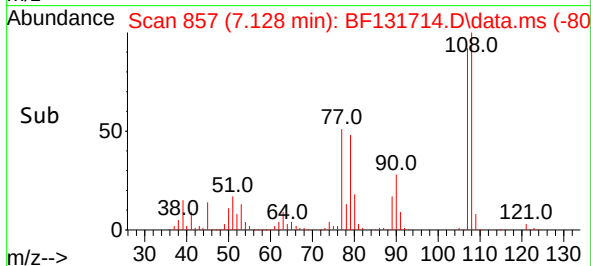


Tgt Ion:107 Resp: 220566
Ion Ratio Lower Upper
107 100
108 108.9 83.8 125.6
77 55.6 43.8 65.8
79 52.4 43.2 64.8

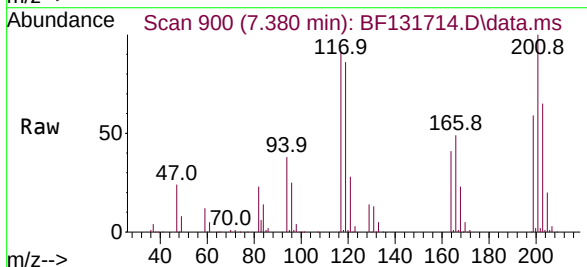
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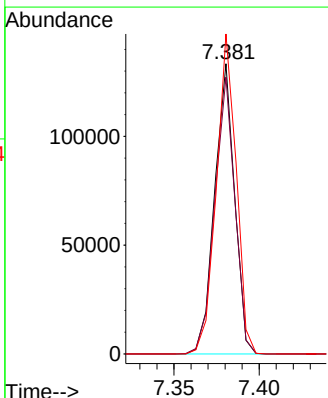
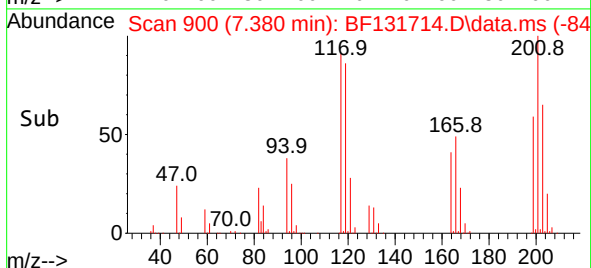
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

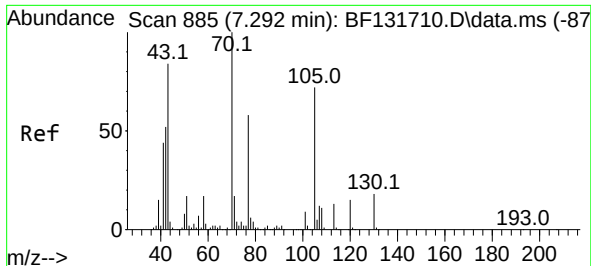


#18
Hexachloroethane
Concen: 39.984 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion:117 Resp: 108561
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
201 110.3 88.2 132.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.630 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

Tgt Ion: 70 Resp: 212314

Ion Ratio Lower Upper

70 100

42 54.3 41.5 62.3

101 9.1 7.3 10.9

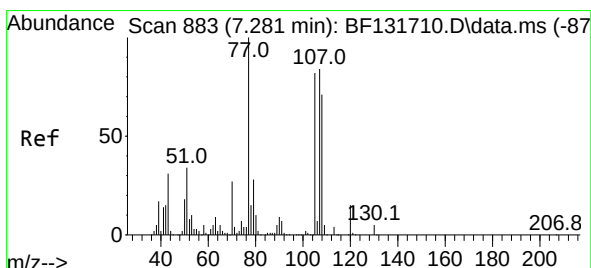
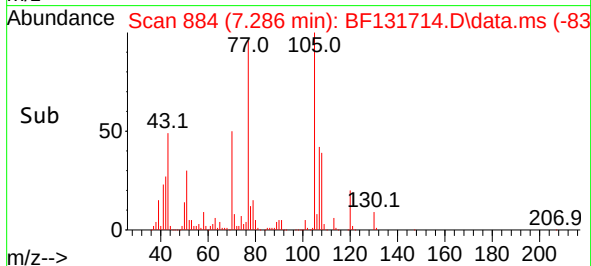
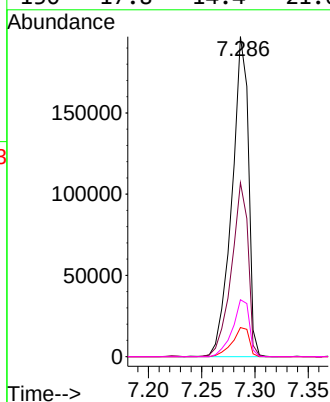
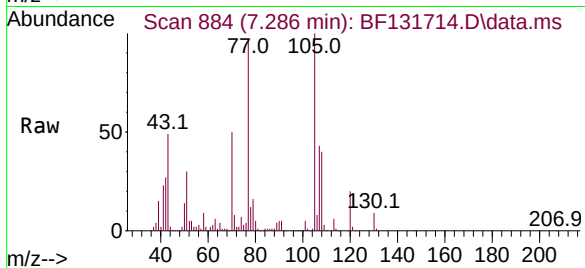
130 17.8 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#20

3+4-Methylphenols

Concen: 40.345 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

Tgt Ion:107 Resp: 290574

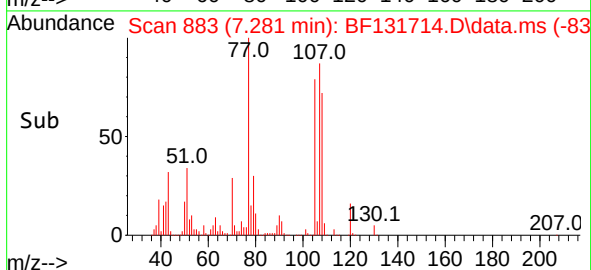
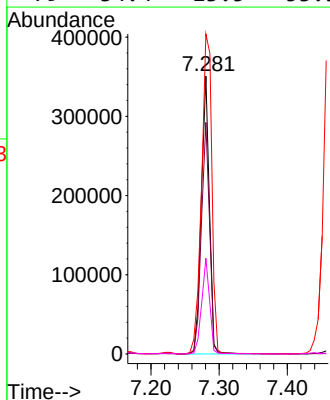
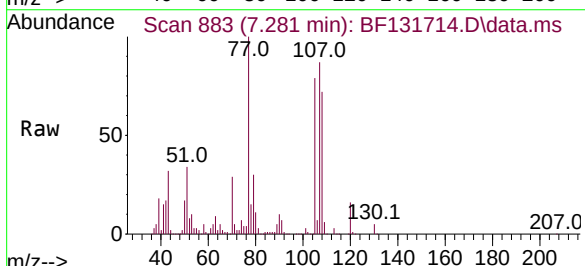
Ion Ratio Lower Upper

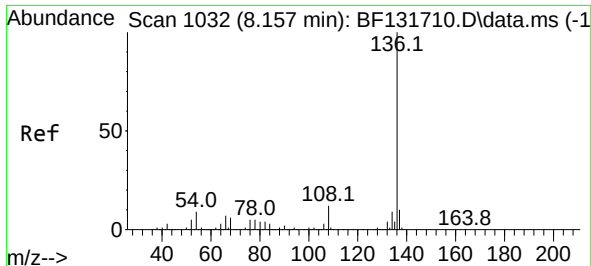
107 100

108 83.3 65.2 105.2

77 115.2 99.6 139.6

79 34.4 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: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

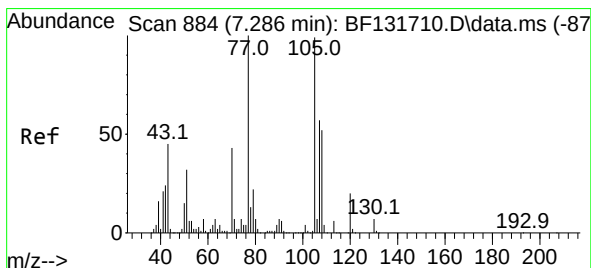
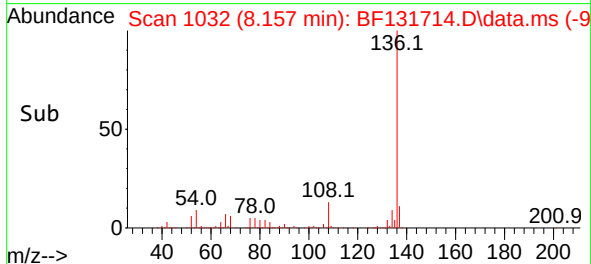
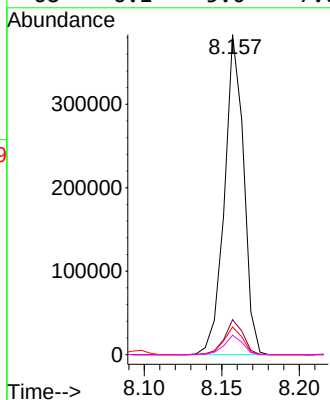
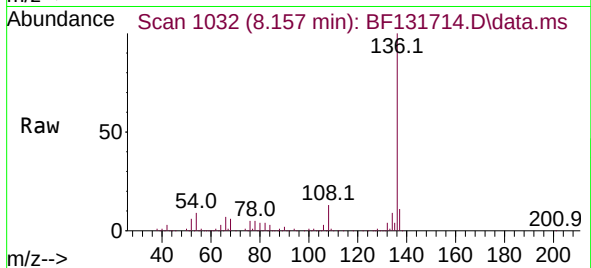
ICVBF122022

Tgt Ion:136 Resp: 329710
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.6 7.2 10.8
68 6.1 5.0 7.6

Manual Integrations

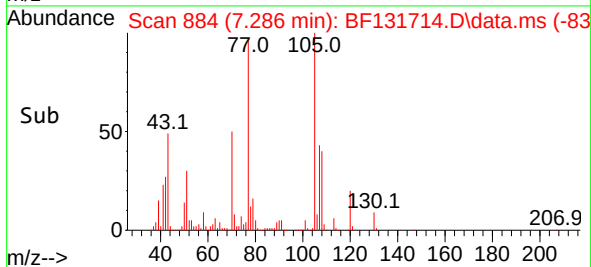
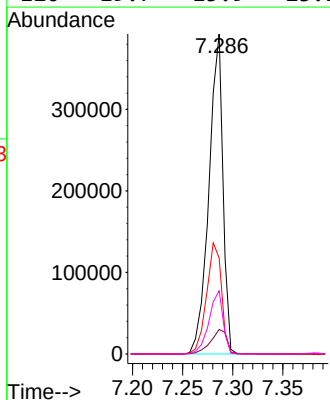
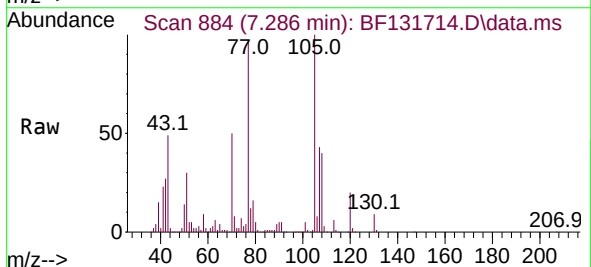
APPROVED

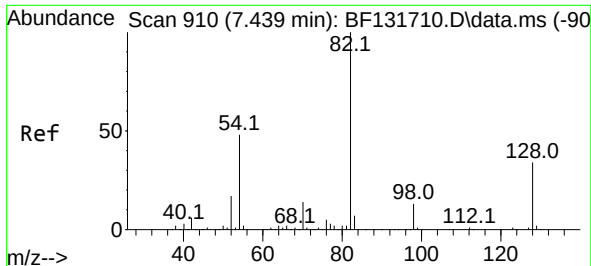
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#22
Acetophenone
Concen: 39.550 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Tgt Ion:105 Resp: 380542
Ion Ratio Lower Upper
105 100
71 7.6 5.5 8.3
51 29.9 25.5 38.3
120 19.7 15.9 23.9





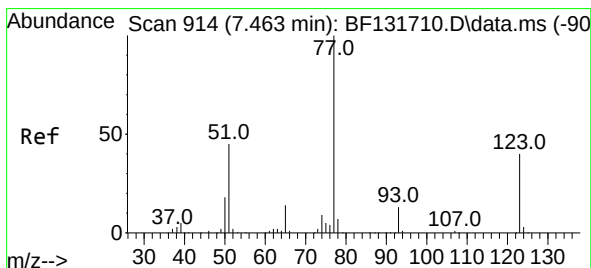
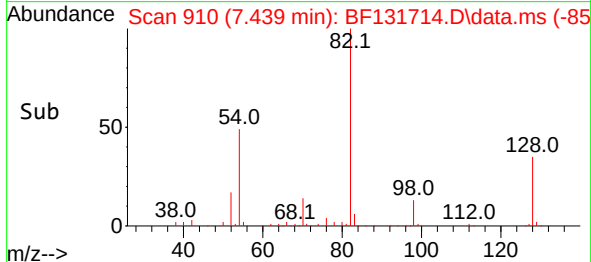
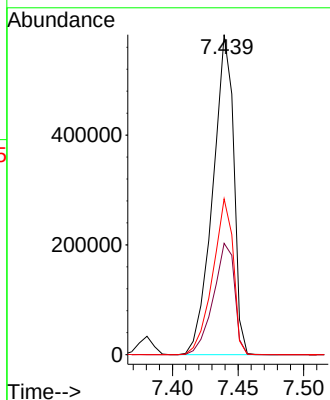
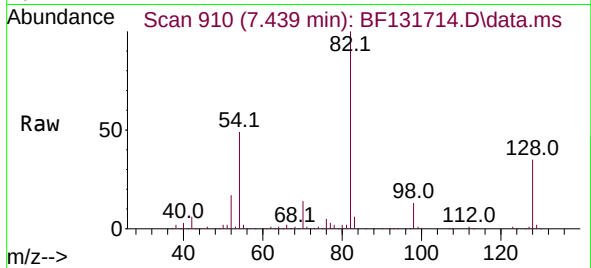
#23
Nitrobenzene-d5
Concen: 79.771 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :
BNA_F
ClientSampleId :
ICVBF122022

Tgt Ion: 82 Resp: 647878
Ion Ratio Lower Upper
82 100
128 34.8 27.3 40.9
54 48.7 38.2 57.2

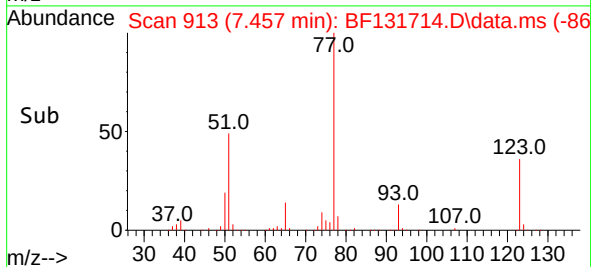
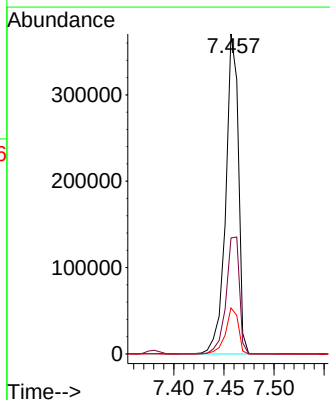
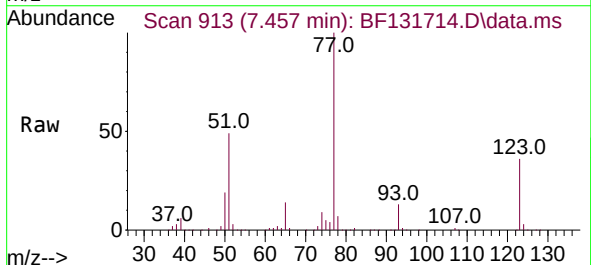
Manual Integrations
APPROVED

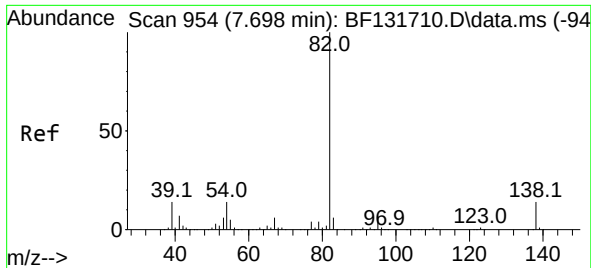
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#24
Nitrobenzene
Concen: 39.762 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

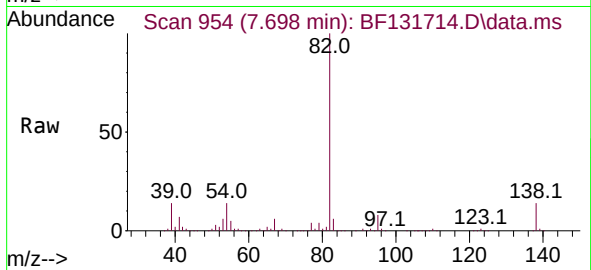
Tgt Ion: 77 Resp: 328298
Ion Ratio Lower Upper
77 100
123 36.2 31.8 47.6
65 14.4 10.9 16.3





#25
Isophorone
Concen: 39.925 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

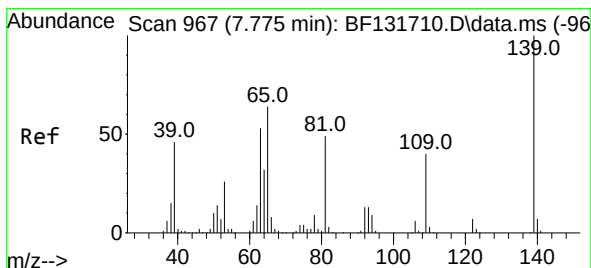
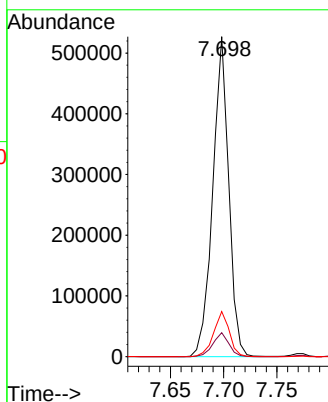
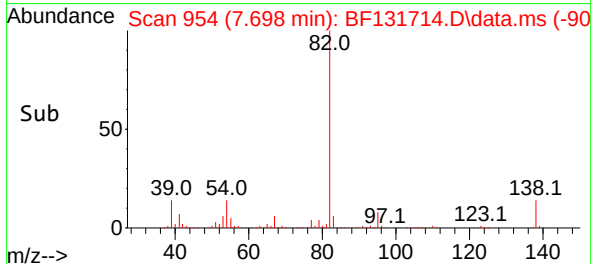
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



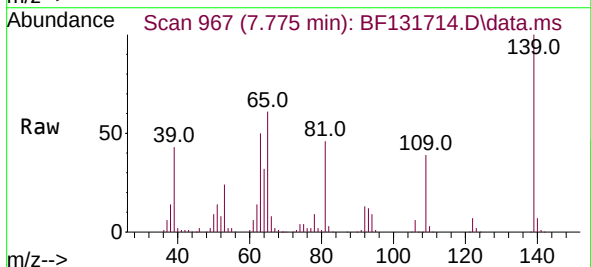
Tgt Ion: 82 Resp: 550671
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 14.1 11.6 17.4

Manual Integrations
APPROVED

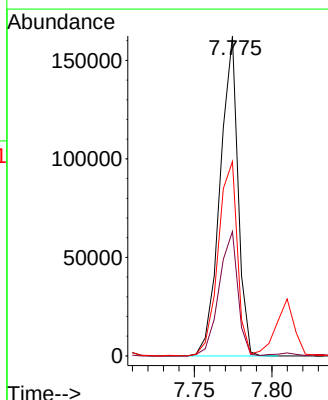
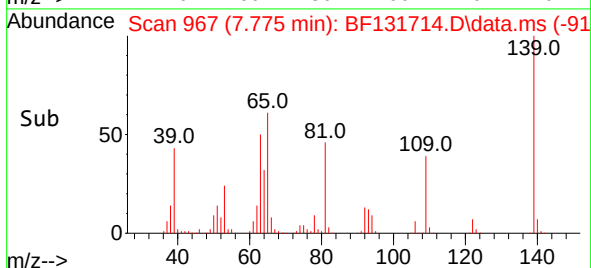
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

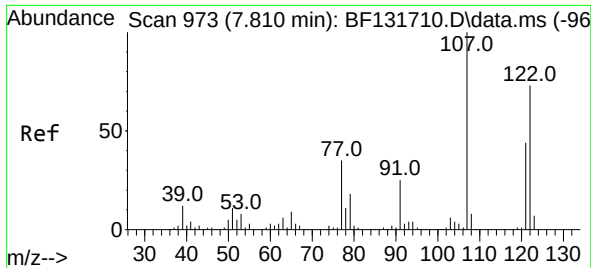


#26
2-Nitrophenol
Concen: 40.650 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion:139 Resp: 131169
Ion Ratio Lower Upper
139 100
109 38.9 31.8 47.6
65 60.7 51.4 77.0





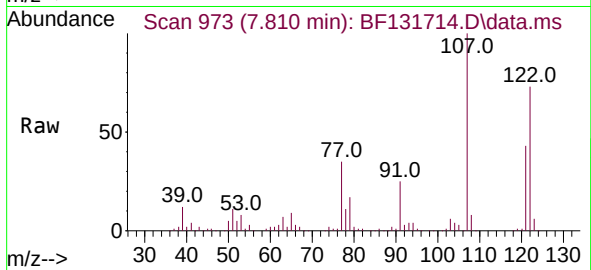
#27
2,4-Dimethylphenol
Concen: 40.067 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

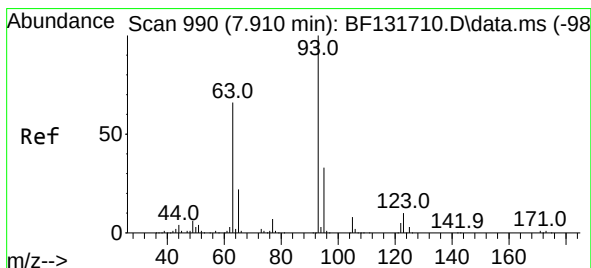
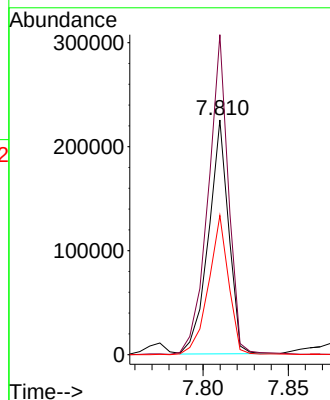
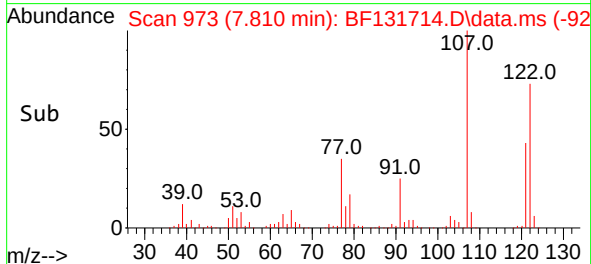


Tgt Ion:122 Resp: 184143
Ion Ratio Lower Upper
122 100
107 136.3 110.1 165.1
121 59.3 47.9 71.9

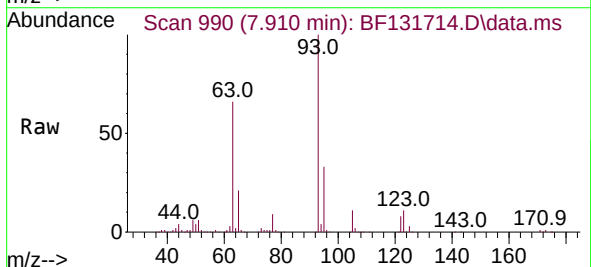
Manual Integrations

APPROVED

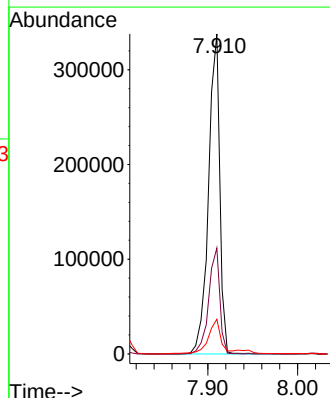
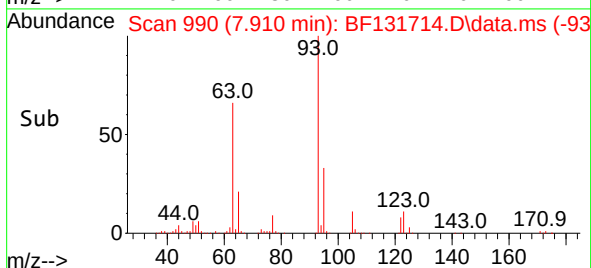
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

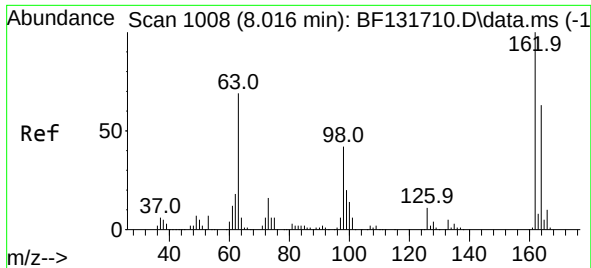


#28
bis(2-Chloroethoxy)methane
Concen: 40.112 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion: 93 Resp: 293795
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 10.8 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 40.085 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF131714.D

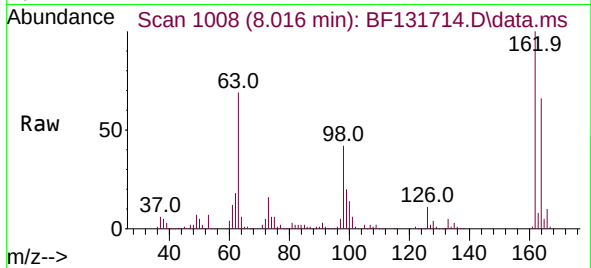
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022



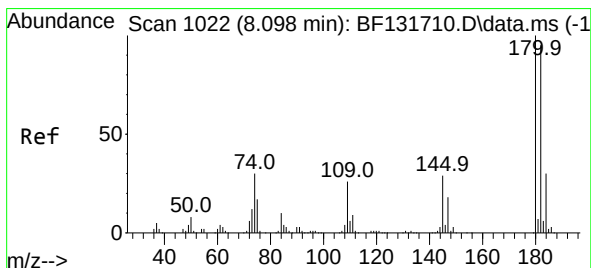
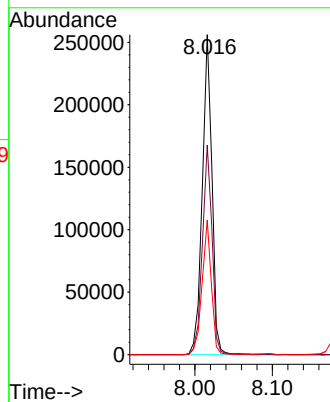
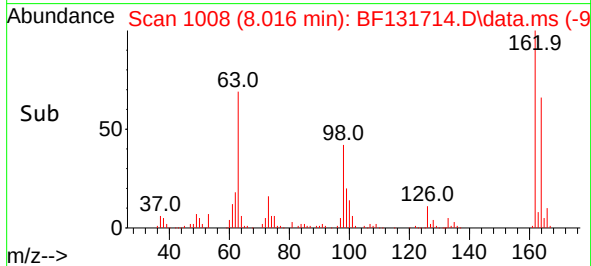
Tgt Ion:	162	Resp:	222405
Ion Ratio	Lower	Upper	
162	100		
164	65.5	42.9	82.9
98	42.0	21.9	61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.177 ng

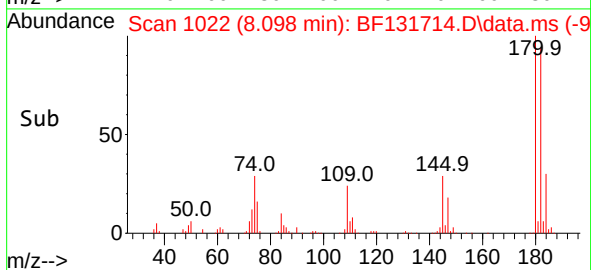
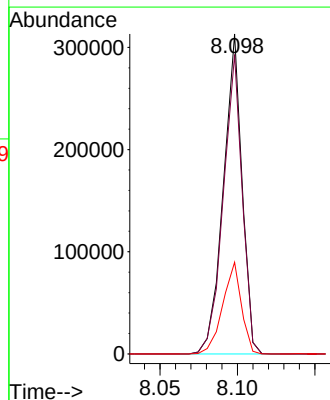
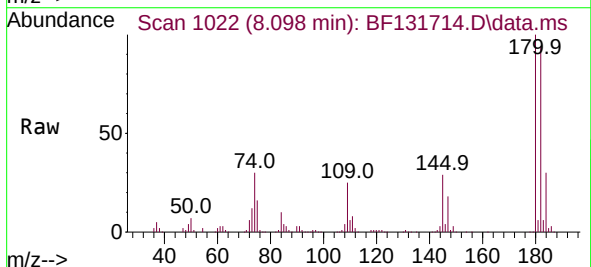
RT: 8.098 min Scan# 1022

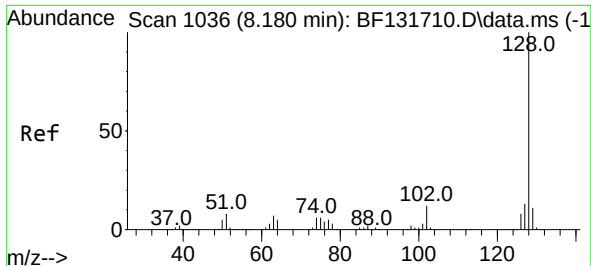
Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

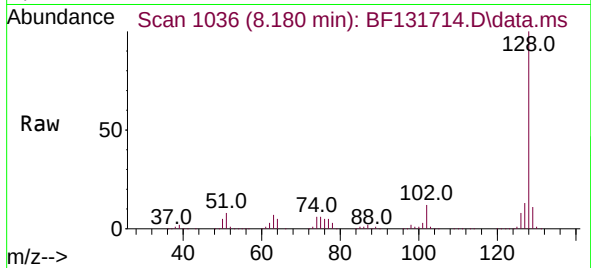
Tgt Ion:	180	Resp:	262056
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.1	114.1
145	28.6	23.4	35.0





#31
Naphthalene
Concen: 39.818 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

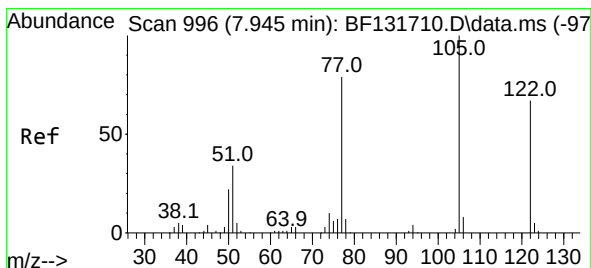
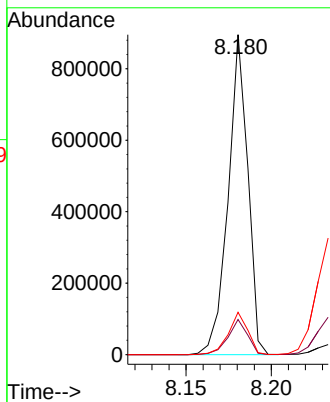
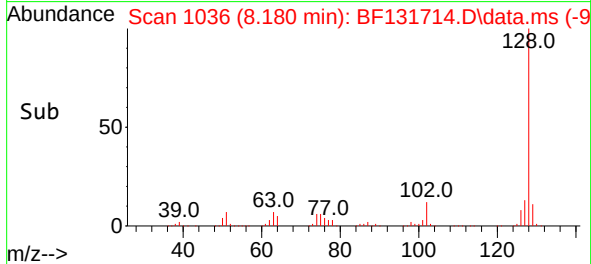
Instrument : BNA_F
ClientSampleId : ICVBF122022



Tgt Ion:128 Resp: 716976
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 15.8

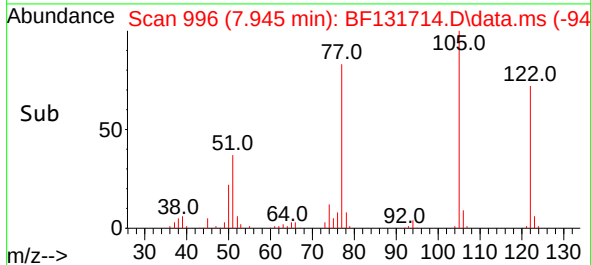
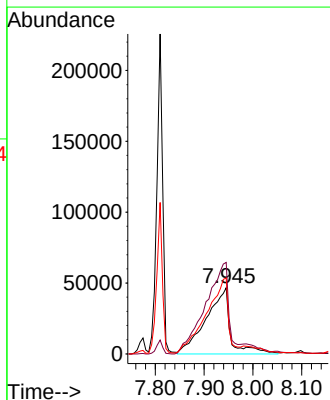
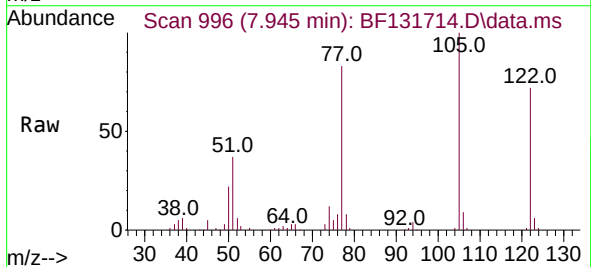
Manual Integrations
APPROVED

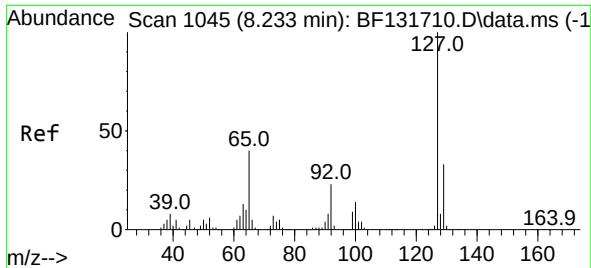
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#32
Benzoic acid
Concen: 44.084 ng m
RT: 7.945 min Scan# 996
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Tgt Ion:122 Resp: 162181
Ion Ratio Lower Upper
122 100
105 138.3 125.1 165.1
77 114.9 95.3 135.3





#33
4-Chloroaniline
Concen: 40.332 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

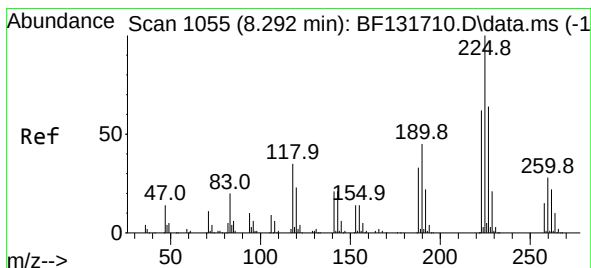
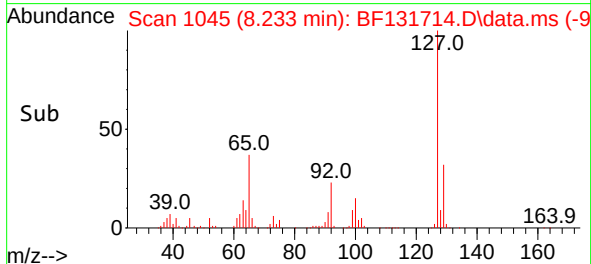
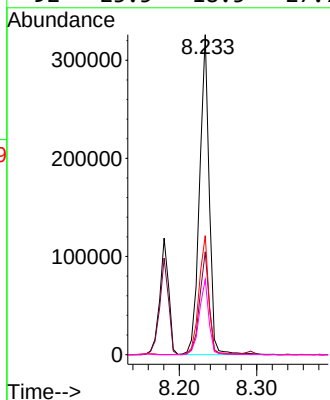
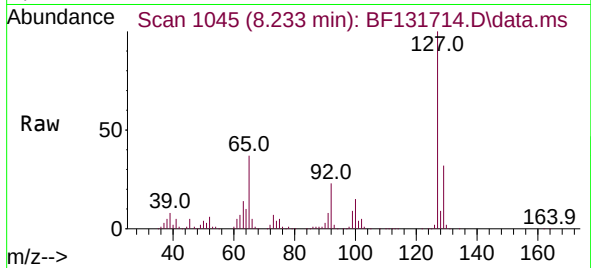
ClientSampleId :

ICVBF122022

Tgt Ion:127 Resp: 283223
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1
65 37.2 31.8 47.6
92 23.5 18.5 27.7

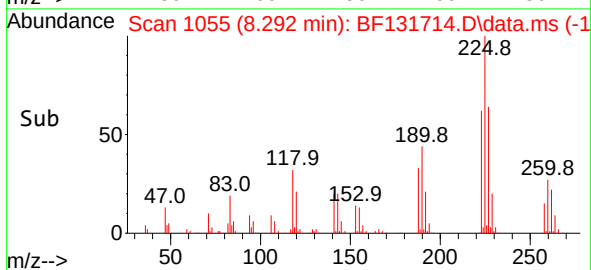
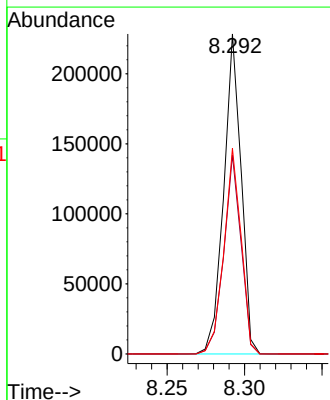
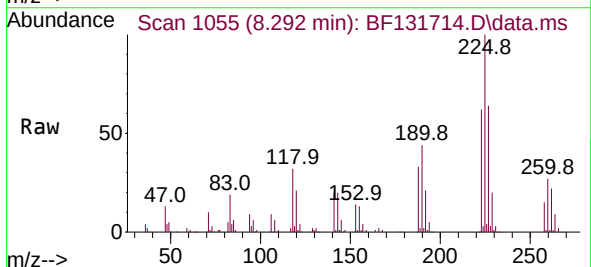
Manual Integrations
APPROVED

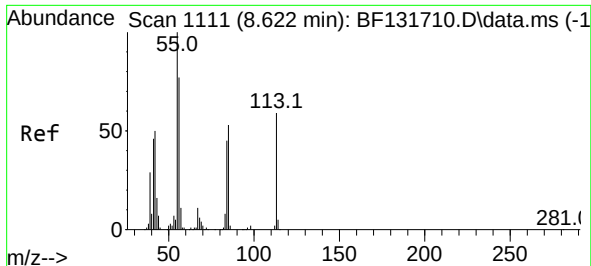
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#34
Hexachlorobutadiene
Concen: 40.628 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

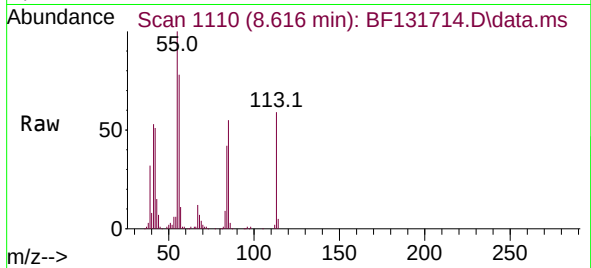
Tgt Ion:225 Resp: 178291
Ion Ratio Lower Upper
225 100
223 62.2 49.5 74.3
227 64.3 51.0 76.4





#35
Caprolactam
Concen: 40.376 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

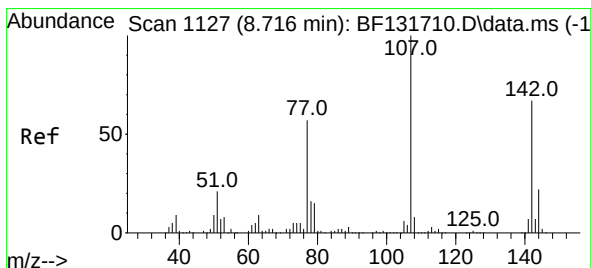
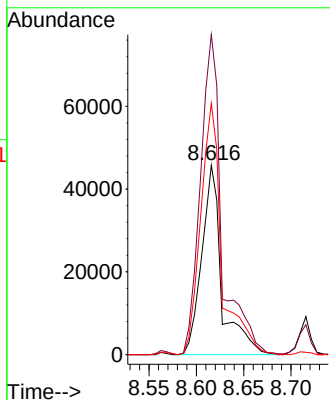
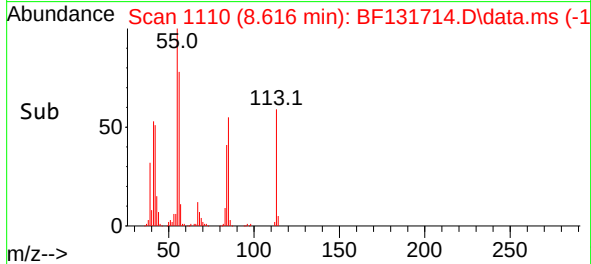
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



Tgt Ion:113 Resp: 67548
Ion Ratio Lower Upper
113 100
55 168.9 149.0 189.0
56 132.5 109.5 149.5

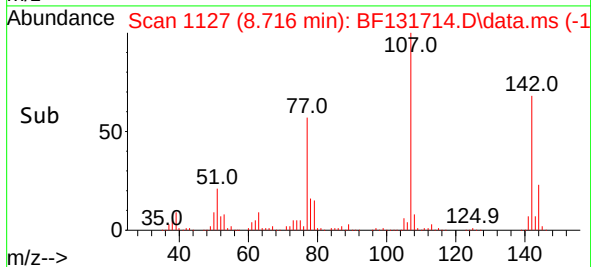
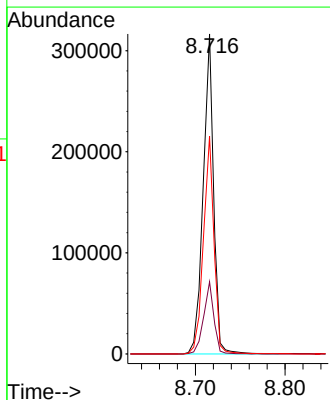
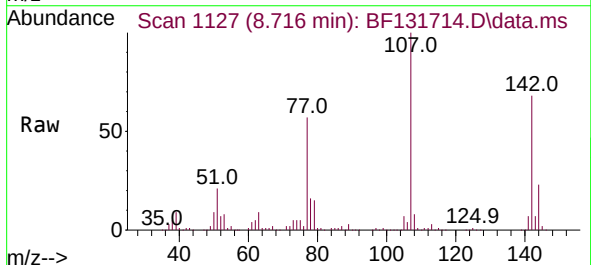
Manual Integrations
APPROVED

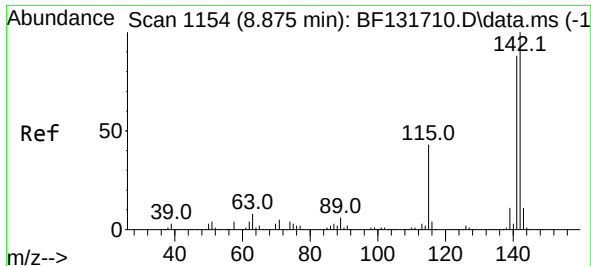
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#36
4-Chloro-3-methylphenol
Concen: 40.370 ng
RT: 8.716 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Tgt Ion:107 Resp: 255865
Ion Ratio Lower Upper
107 100
144 22.5 17.5 26.3
142 68.1 53.4 80.0





#37

2-Methylnaphthalene

Concen: 39.678 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

Tgt Ion:142 Resp: 487348

Ion Ratio Lower Upper

142 100

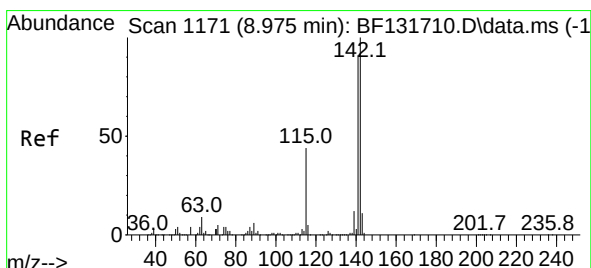
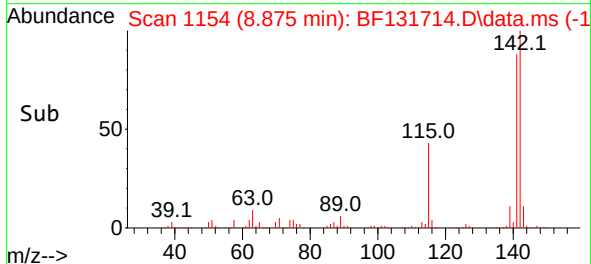
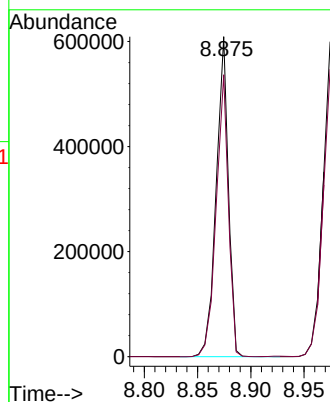
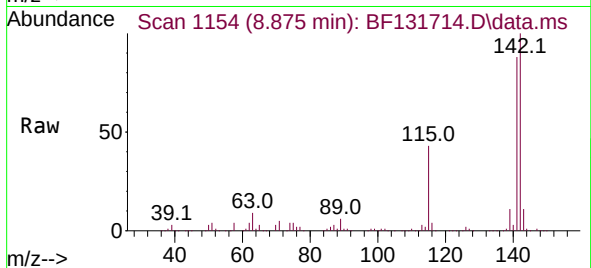
141 88.1 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#38

1-Methylnaphthalene

Concen: 39.373 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF131714.D

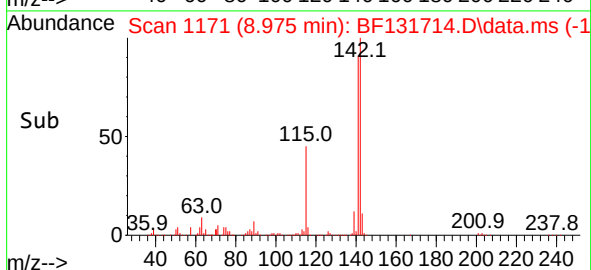
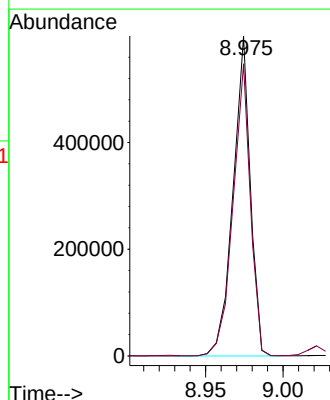
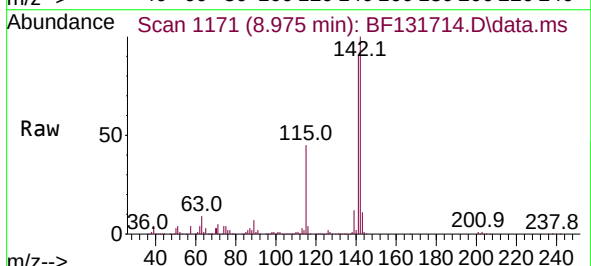
Acq: 20 Dec 2022 15:42

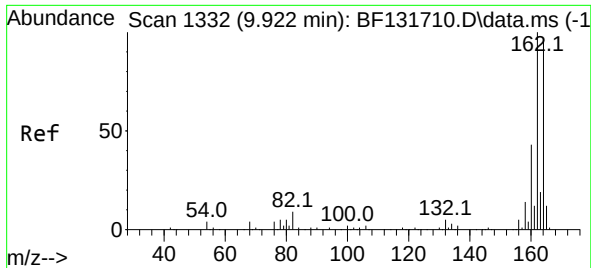
Tgt Ion:142 Resp: 468387

Ion Ratio Lower Upper

142 100

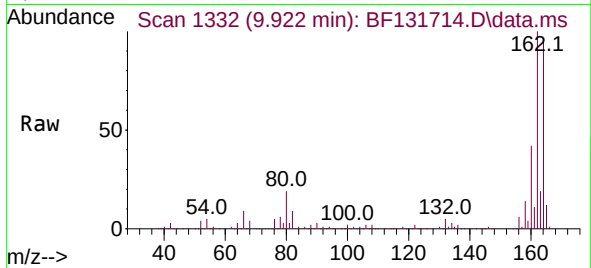
141 91.3 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.001 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

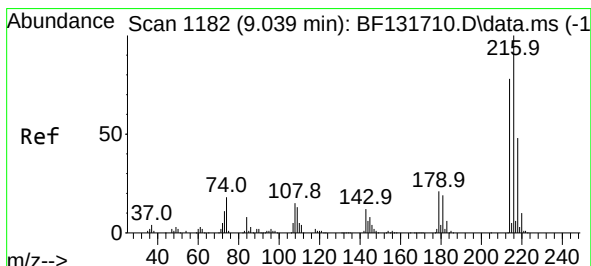
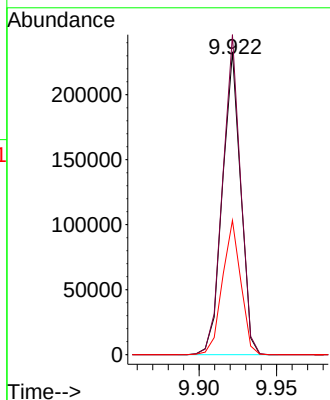
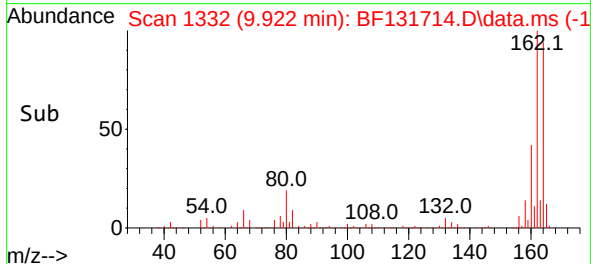
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



Tgt Ion:164 Resp: 190491
Ion Ratio Lower Upper
164 100
162 105.7 83.7 125.5
160 44.3 36.2 54.4

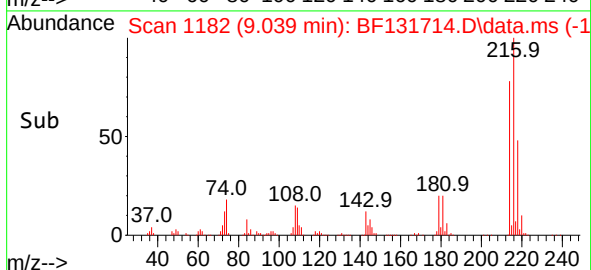
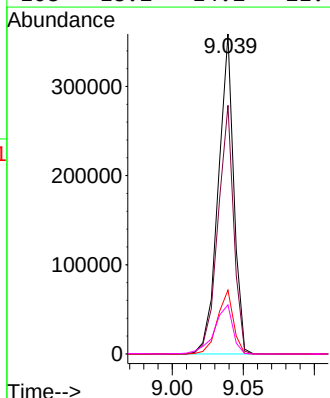
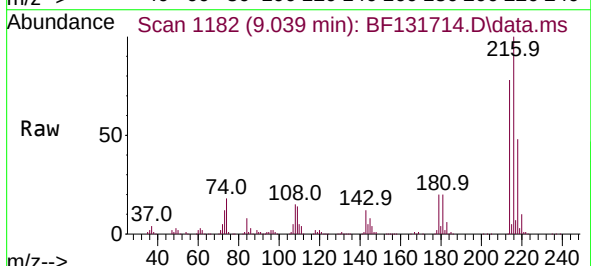
Manual Integrations
APPROVED

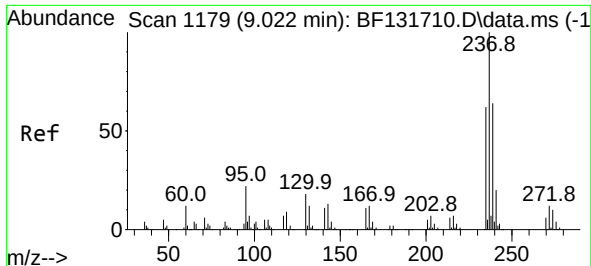
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.873 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

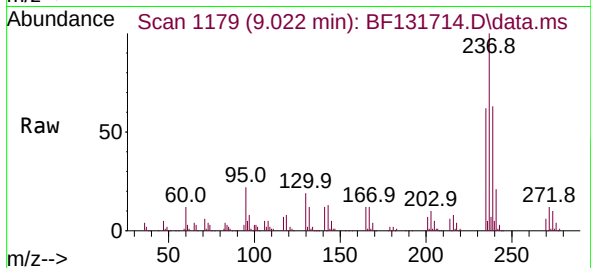
Tgt Ion:216 Resp: 272898
Ion Ratio Lower Upper
216 100
214 78.4 62.9 94.3
179 20.4 16.3 24.5
108 18.2 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 42.321 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

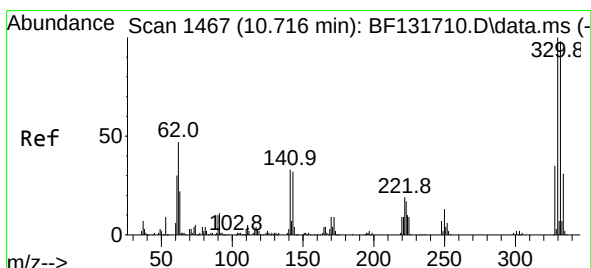
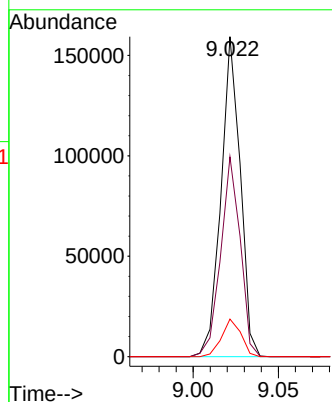
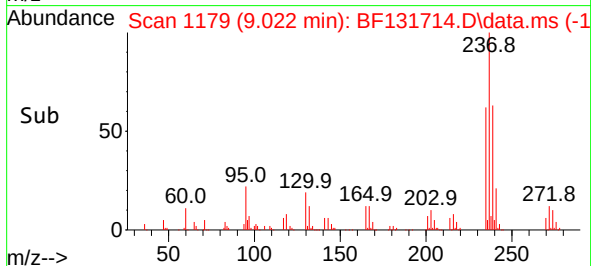
Instrument : BNA_F
ClientSampleId : ICVBF122022



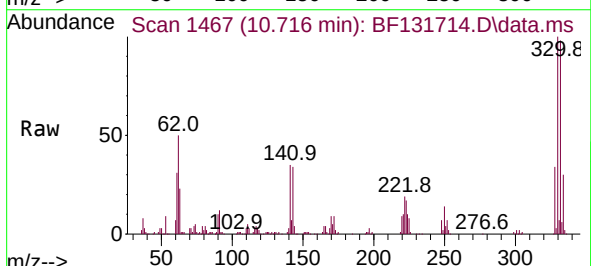
Tgt Ion: 237 Resp: 124960
Ion Ratio Lower Upper
237 100
235 62.4 42.2 82.2
272 11.8 0.0 31.7

Manual Integrations
APPROVED

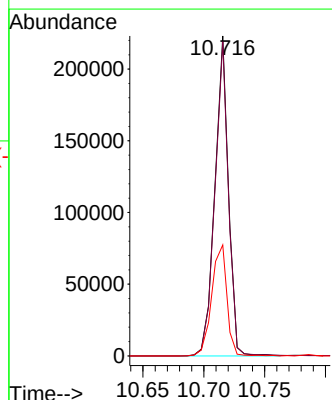
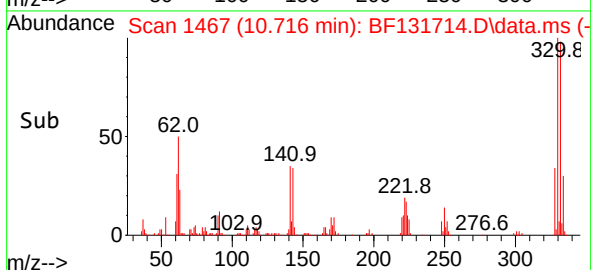
Reviewed By : Christian Giraldo 12/21/2022
Supervised By : Jagrut Upadhyay 12/21/2022

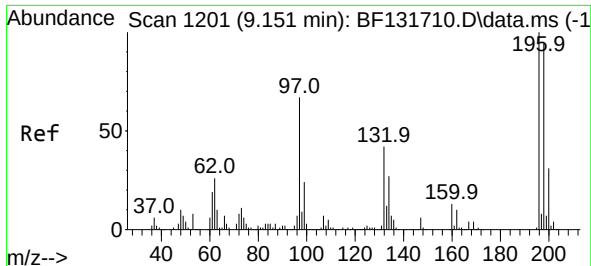


#42
2,4,6-Tribromophenol
Concen: 82.880 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion: 330 Resp: 172805
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 38.9 30.4 45.6





#43
2,4,6-Trichlorophenol
Concen: 42.021 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

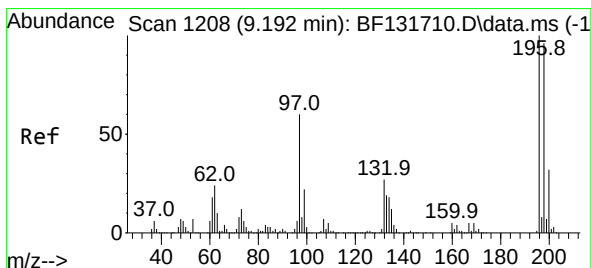
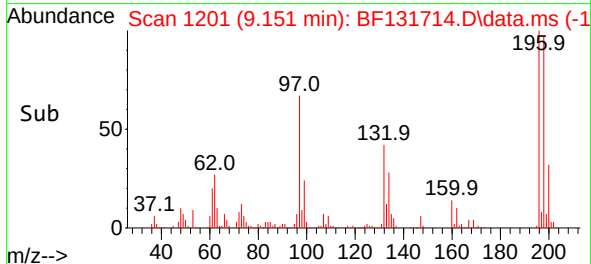
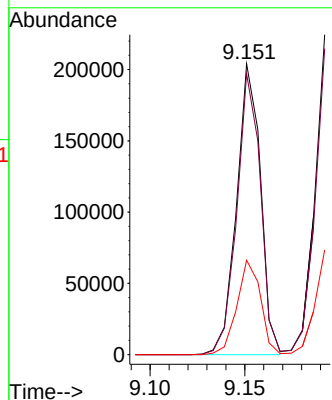
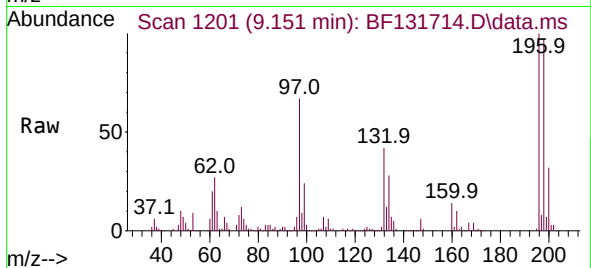
ICVBF122022

Tgt Ion:196 Resp: 178897
Ion Ratio Lower Upper
196 100
198 96.6 75.5 113.3
200 32.4 25.2 37.8

Manual Integrations

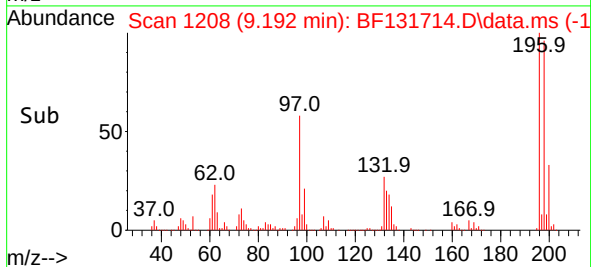
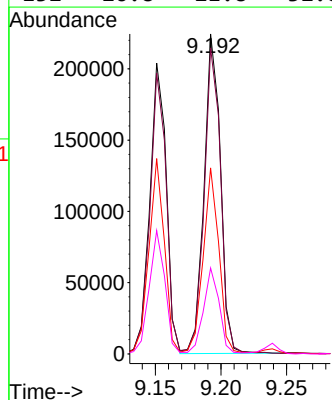
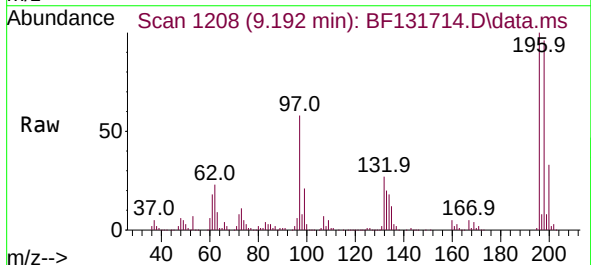
APPROVED

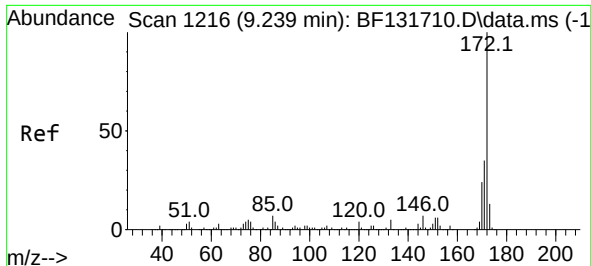
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#44
2,4,5-Trichlorophenol
Concen: 42.208 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Tgt Ion:196 Resp: 194530
Ion Ratio Lower Upper
196 100
198 95.6 76.6 114.8
97 58.1 47.7 71.5
132 26.8 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 82.362 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131714.D

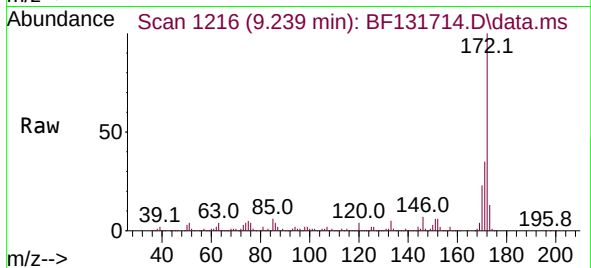
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022



Tgt Ion:172 Resp: 1120004

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

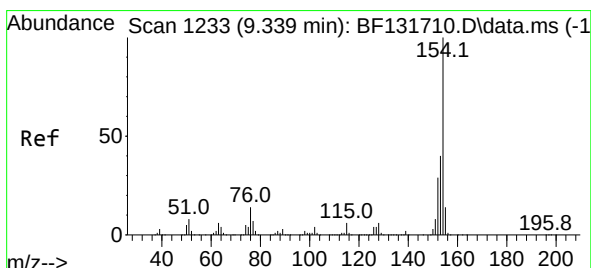
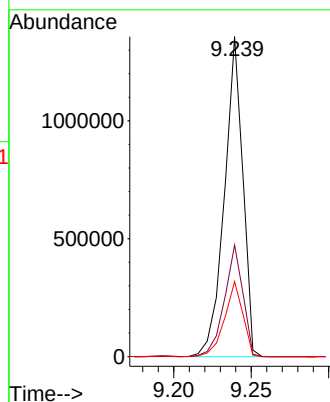
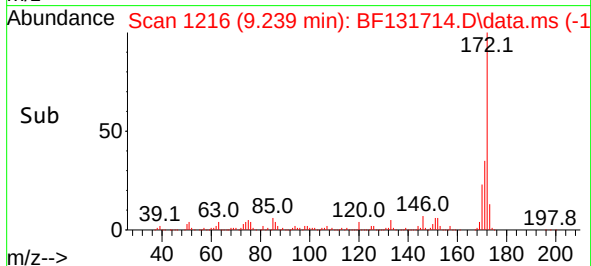
170 23.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#46

1,1'-Biphenyl

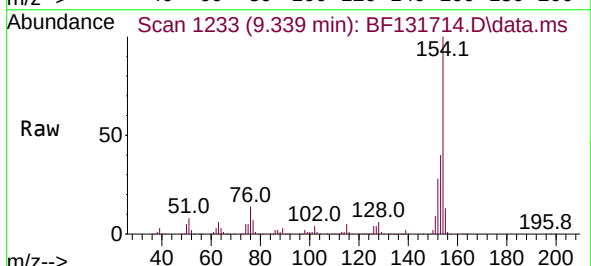
Concen: 41.767 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42



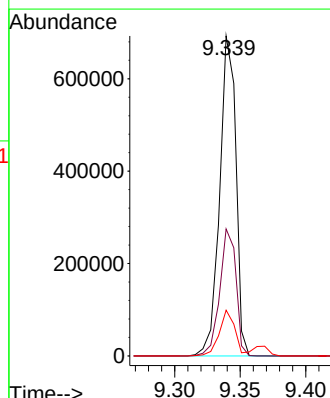
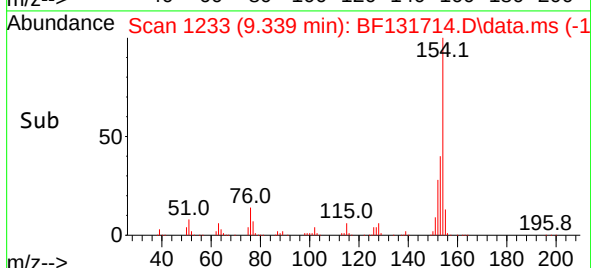
Tgt Ion:154 Resp: 598468

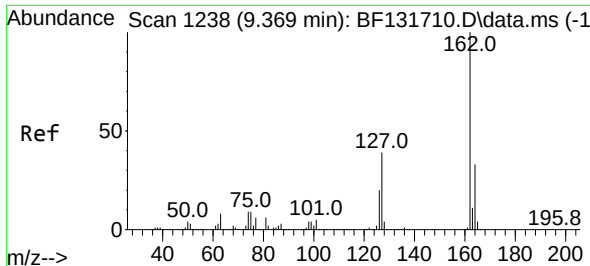
Ion Ratio Lower Upper

154 100

153 39.7 20.1 60.1

76 14.3 0.0 33.6





#47

2-Chloronaphthalene

Concen: 41.786 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF131714.D

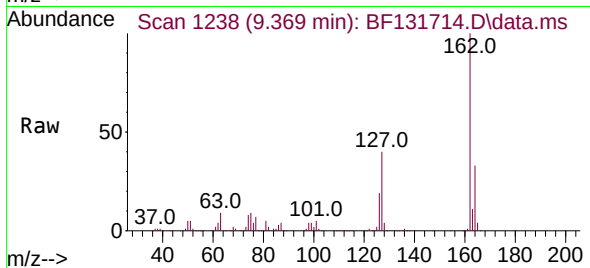
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022



Tgt Ion:162 Resp: 490269

Ion Ratio Lower Upper

162 100

127 39.6 31.4 47.2

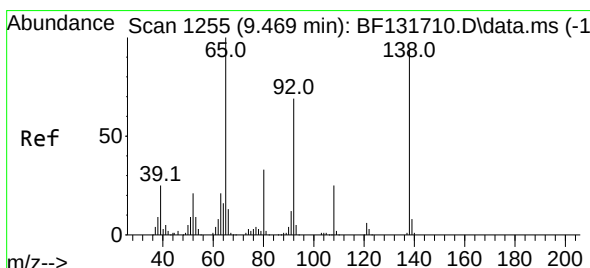
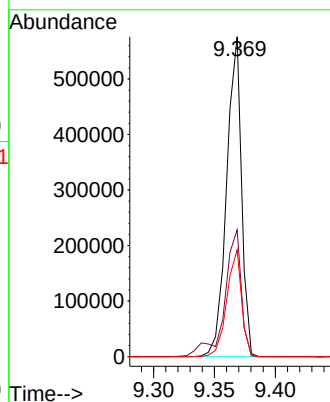
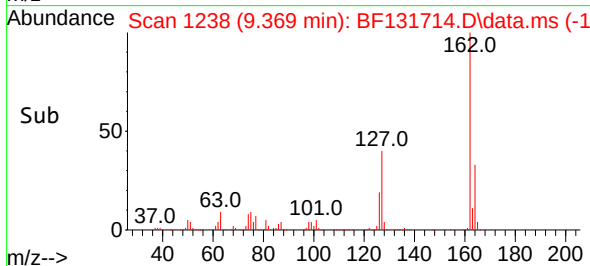
164 33.4 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#48

2-Nitroaniline

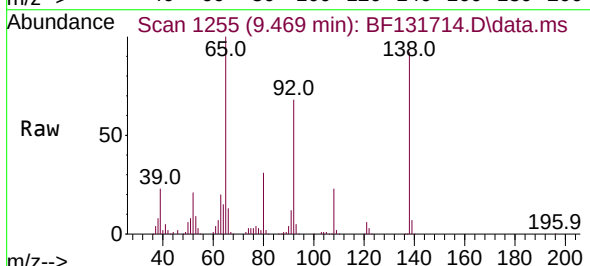
Concen: 42.414 ng

RT: 9.469 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42



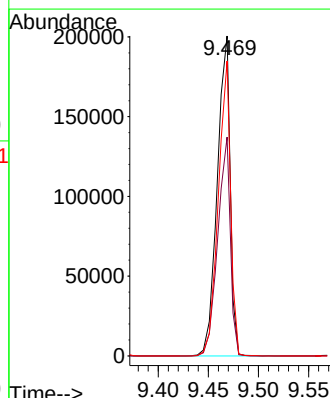
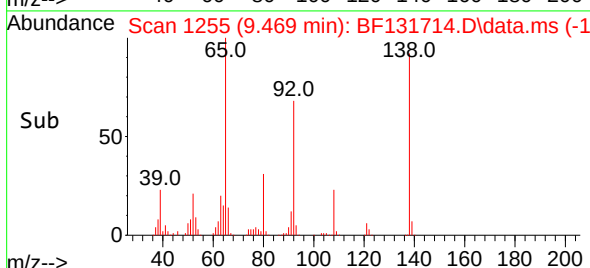
Tgt Ion: 65 Resp: 179367

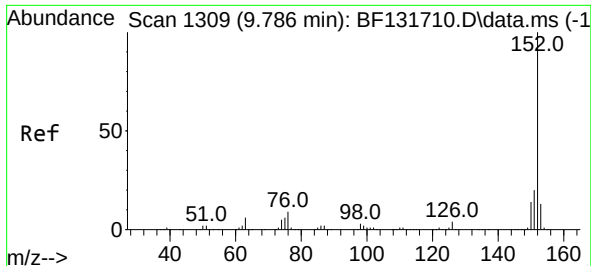
Ion Ratio Lower Upper

65 100

92 68.4 55.5 83.3

138 92.2 74.8 112.2





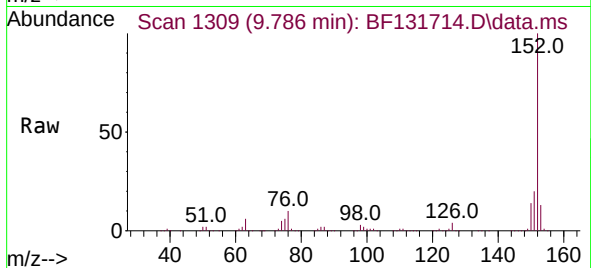
#49
Acenaphthylene
Concen: 41.909 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

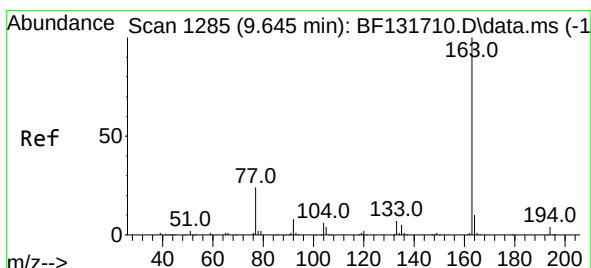
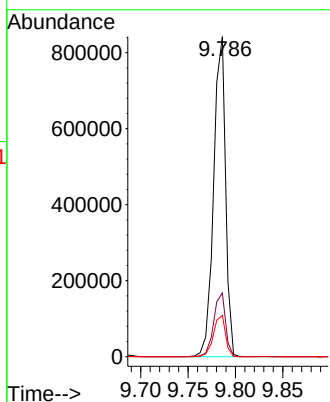
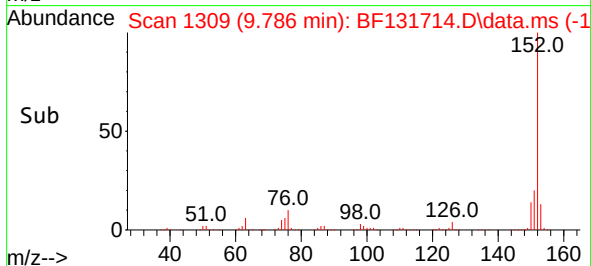


Tgt Ion:152 Resp: 737515
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.9 10.6 15.8

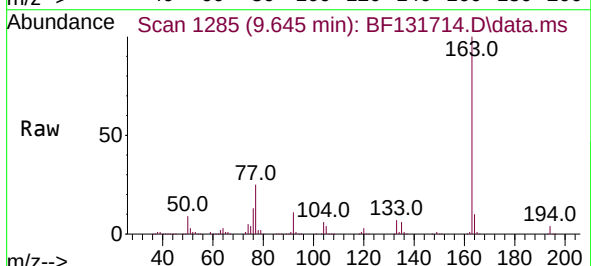
Manual Integrations

APPROVED

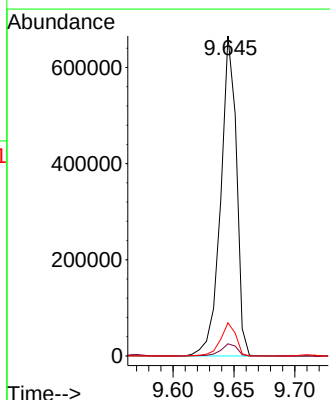
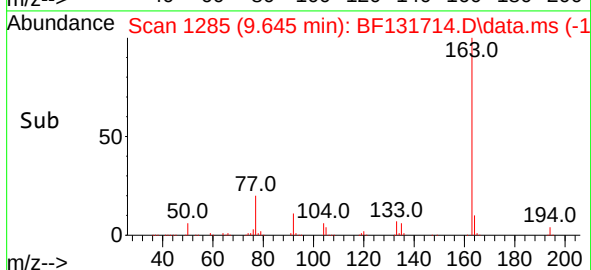
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

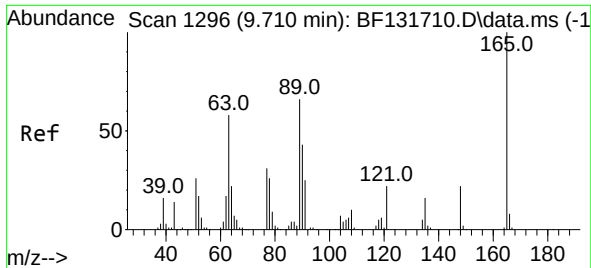


#50
Dimethylphthalate
Concen: 41.786 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



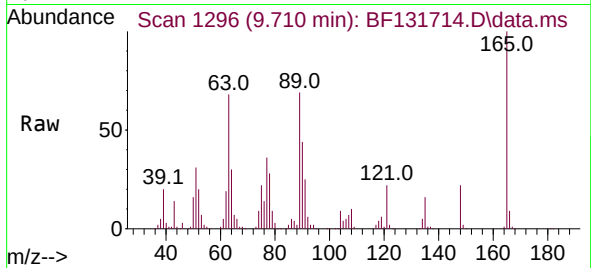
Tgt Ion:163 Resp: 598944
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 42.243 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

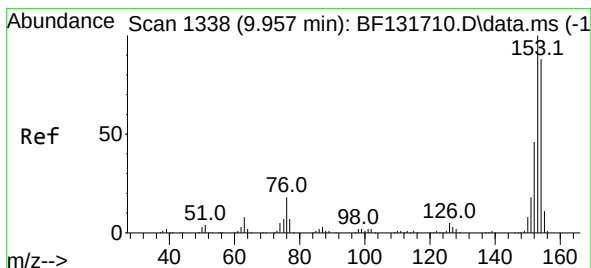
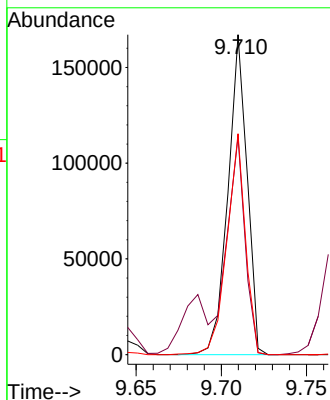
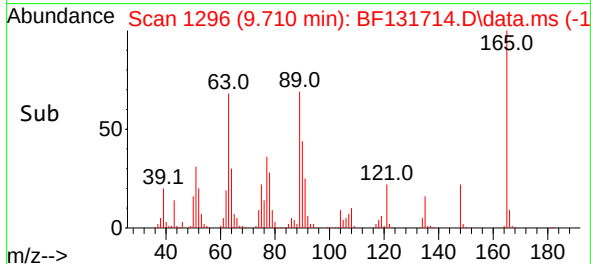
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



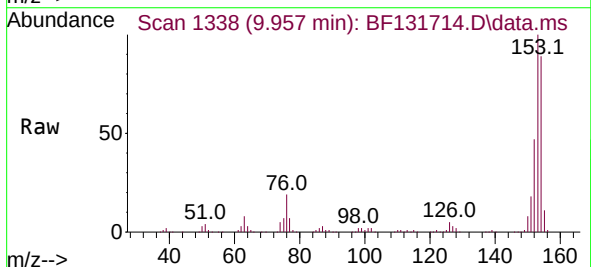
Tgt Ion:165 Resp: 130196
Ion Ratio Lower Upper
165 100
63 68.0 51.8 77.8
89 69.0 53.2 79.8

Manual Integrations
APPROVED

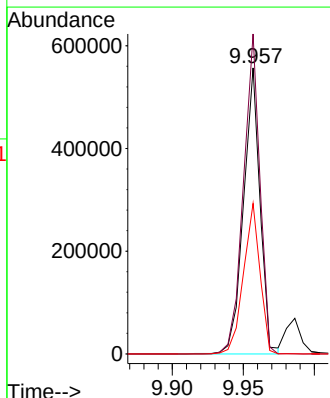
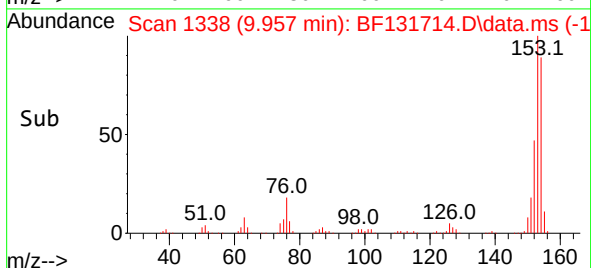
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

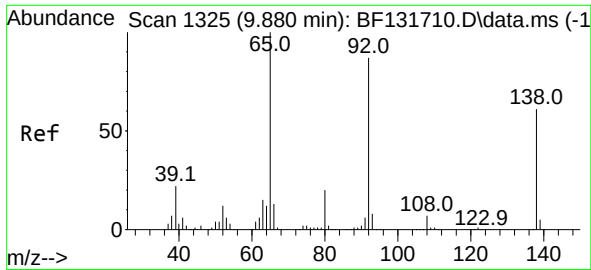


#52
Acenaphthene
Concen: 41.513 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion:154 Resp: 447531
Ion Ratio Lower Upper
154 100
153 111.9 90.4 135.6
152 52.6 42.0 63.0





#53
3-Nitroaniline
Concen: 41.864 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

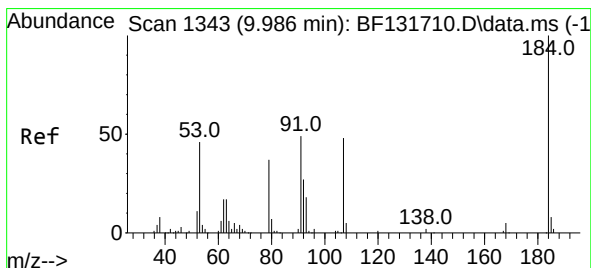
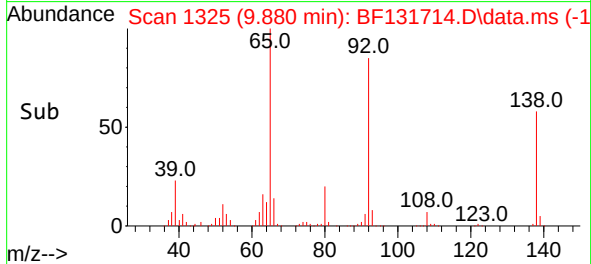
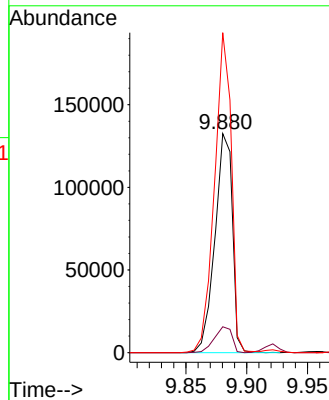
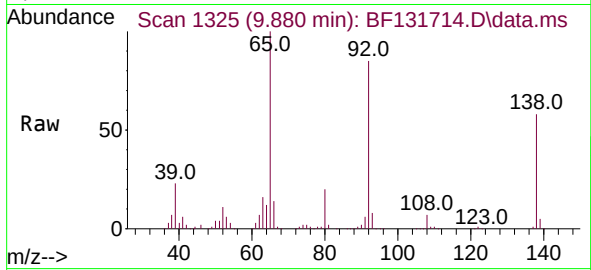
ICVBF122022

Tgt Ion:138 Resp: 132021
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 146.1 114.6 171.8

Manual Integrations

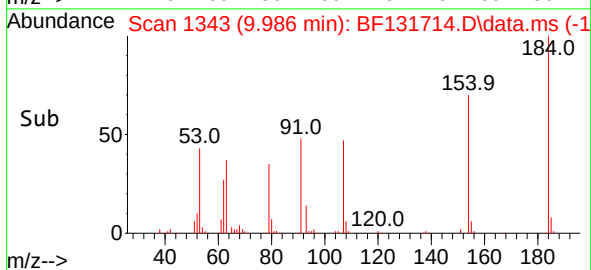
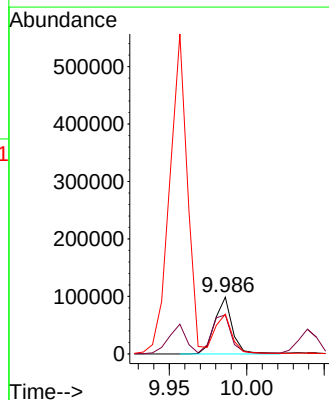
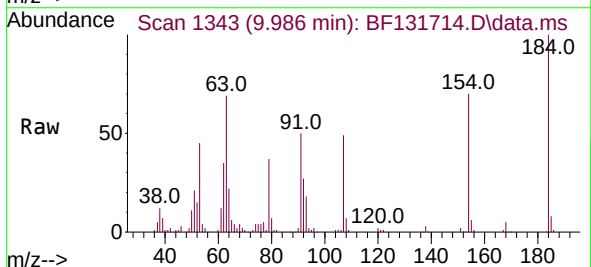
APPROVED

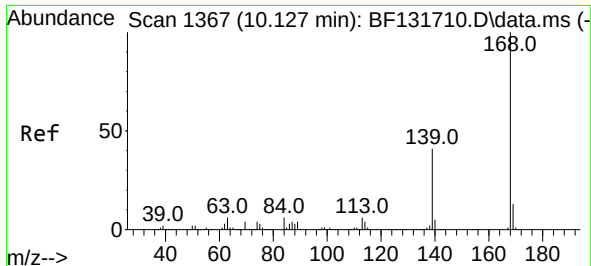
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#54
2,4-Dinitrophenol
Concen: 42.270 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

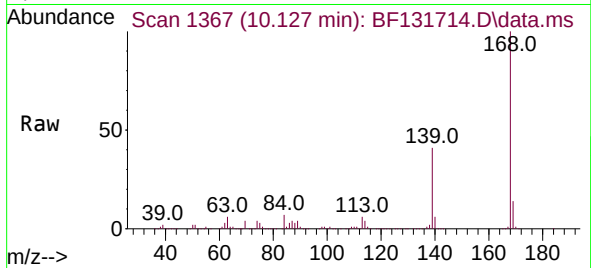
Tgt Ion:184 Resp: 78061
Ion Ratio Lower Upper
184 100
63 68.6 55.8 83.8
154 70.1 57.1 85.7





#55
Dibenzofuran
Concen: 41.019 ng
RT: 10.127 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

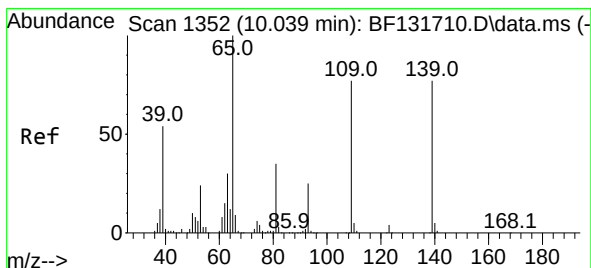
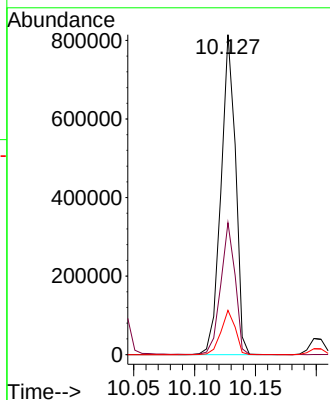
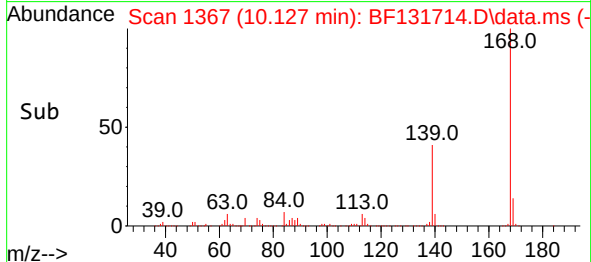
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



Tgt Ion:168 Resp: 678079
Ion Ratio Lower Upper
168 100
139 41.2 32.7 49.1
169 13.9 10.6 16.0

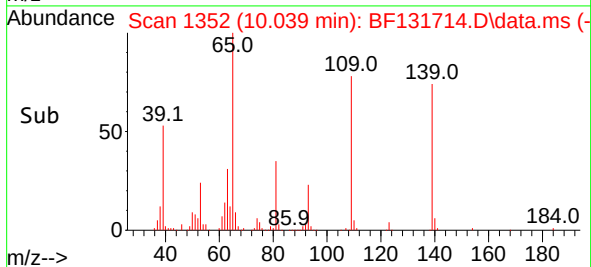
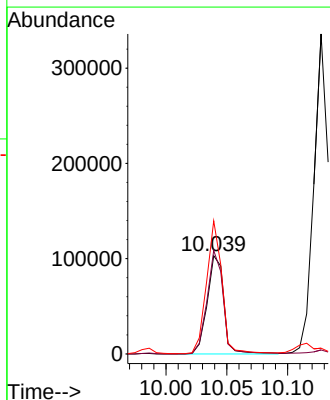
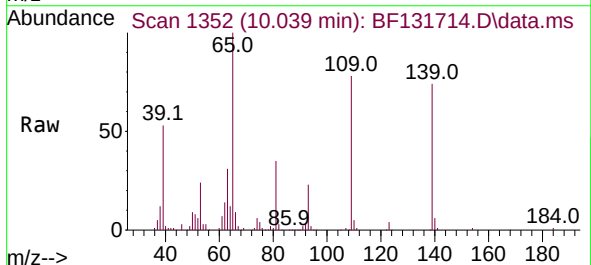
Manual Integrations
APPROVED

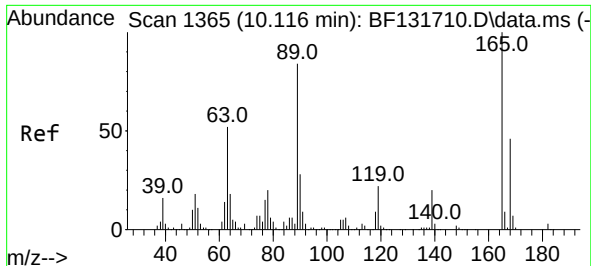
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#56
4-Nitrophenol
Concen: 43.237 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Tgt Ion:139 Resp: 97590
Ion Ratio Lower Upper
139 100
109 105.4 79.9 119.9
65 135.6 110.2 150.2





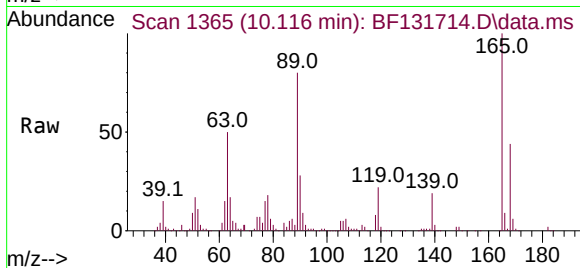
#57
2,4-Dinitrotoluene
Concen: 42.814 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

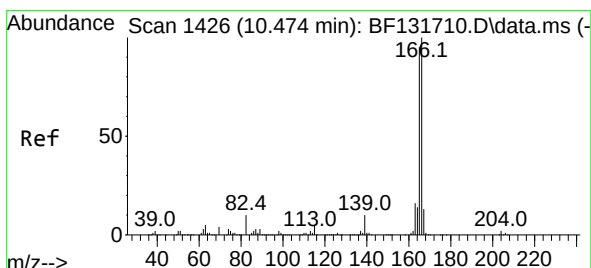
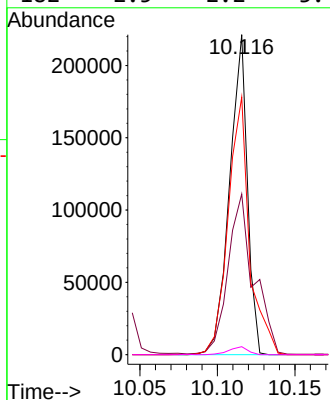
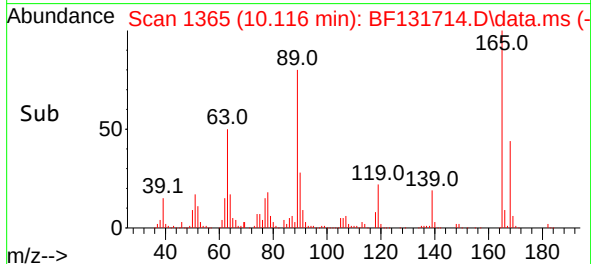


Tgt Ion:165 Resp: 177314
Ion Ratio Lower Upper
165 100
63 50.2 41.5 62.3
89 80.5 67.0 100.4
182 2.5 2.2 3.4

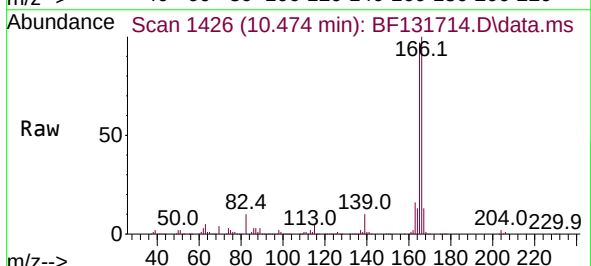
Manual Integrations

APPROVED

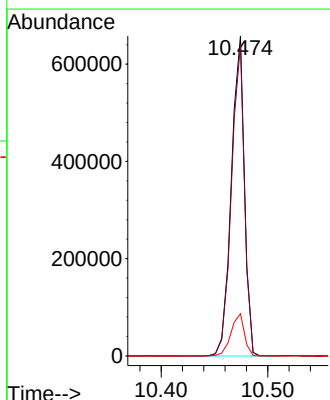
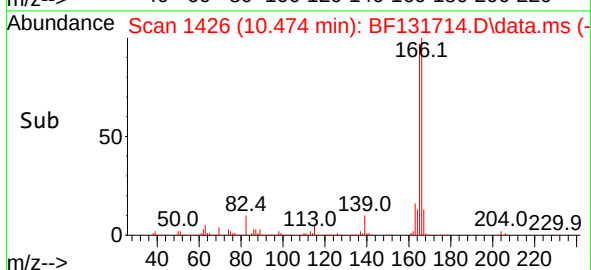
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

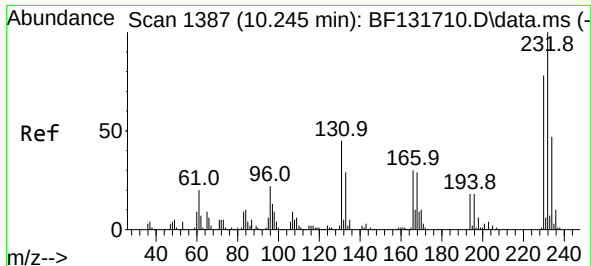


#58
Fluorene
Concen: 41.918 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



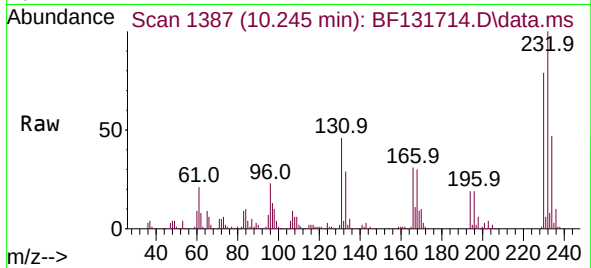
Tgt Ion:166 Resp: 560259
Ion Ratio Lower Upper
166 100
165 97.3 75.8 113.8
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.069 ng m
RT: 10.245 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

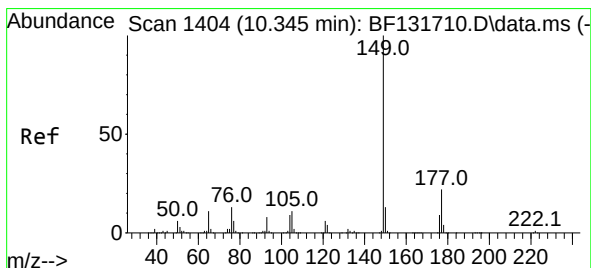
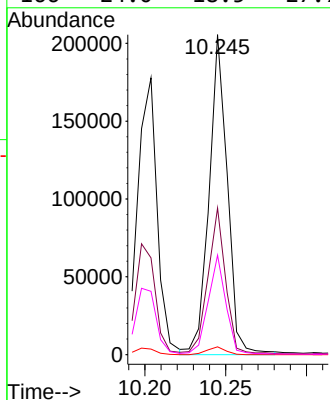
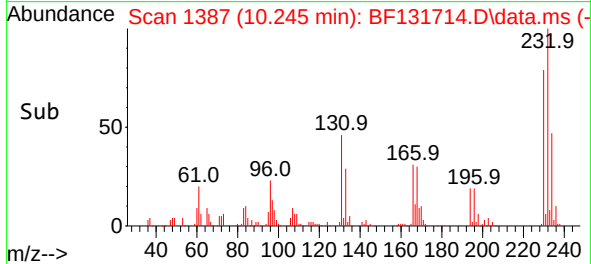
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



Tgt Ion:232 Resp: 161865
Ion Ratio Lower Upper
232 100
131 38.3 29.9 44.9
130 2.3 1.7 2.5
166 24.0 18.5 27.7

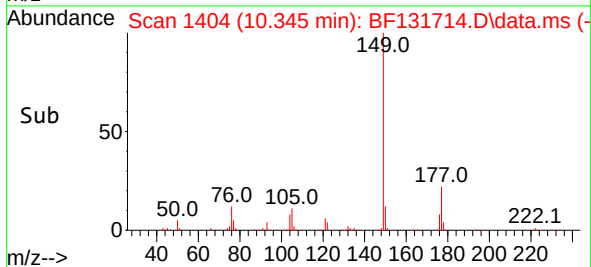
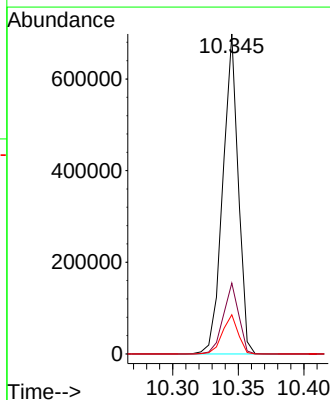
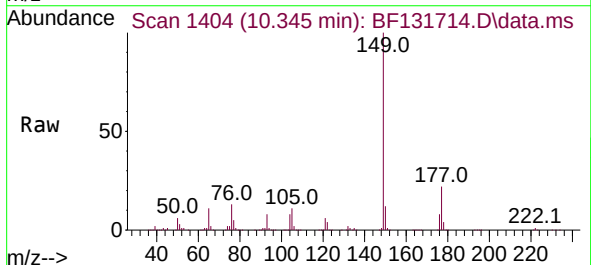
Manual Integrations
APPROVED

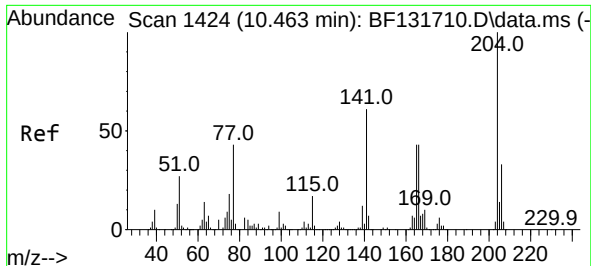
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#60
Diethylphthalate
Concen: 41.494 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

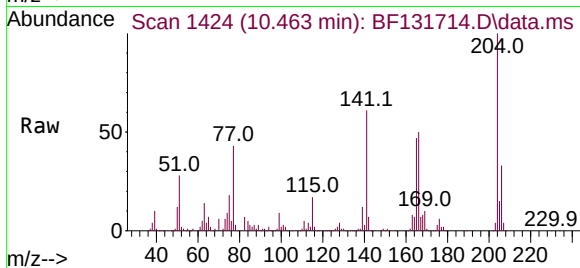
Tgt Ion:149 Resp: 573082
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.0
150 12.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.185 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

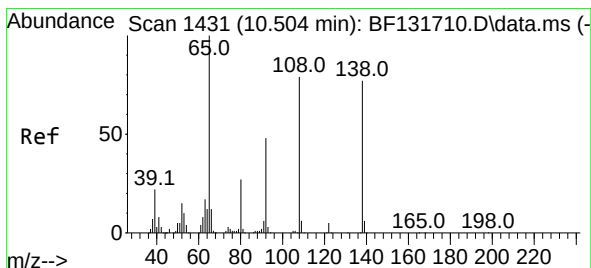
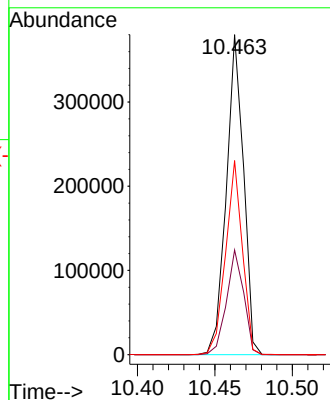
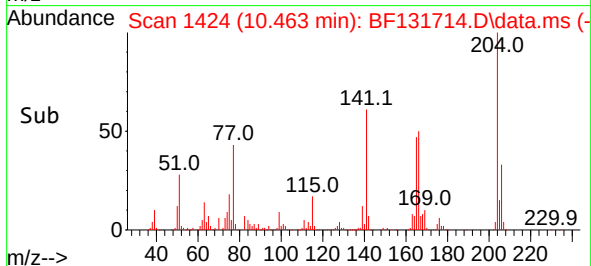
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



Tgt Ion:204 Resp: 292562
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 60.6 48.6 72.8

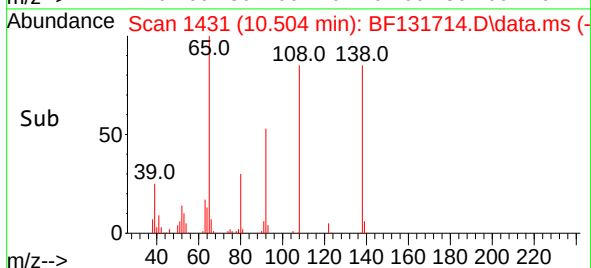
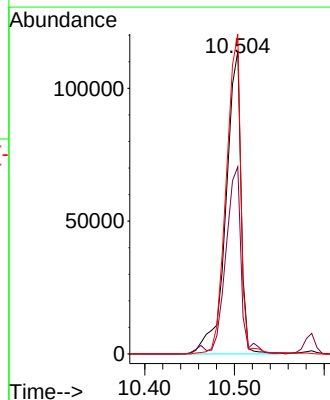
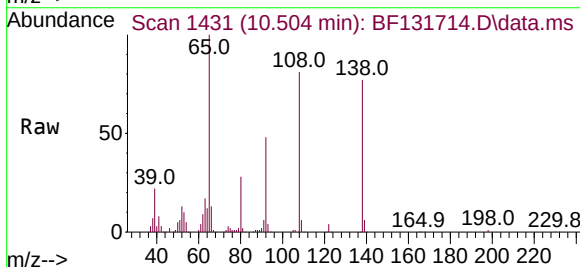
Manual Integrations
APPROVED

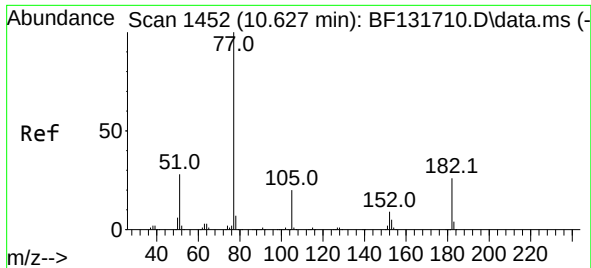
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#62
4-Nitroaniline
Concen: 42.137 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

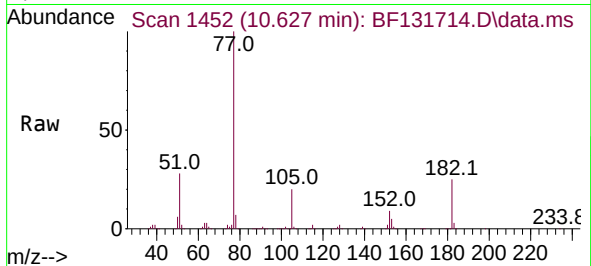
Tgt Ion:138 Resp: 133737
Ion Ratio Lower Upper
138 100
92 61.8 42.1 82.1
108 105.7 83.1 123.1





#63
Azobenzene
Concen: 41.622 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

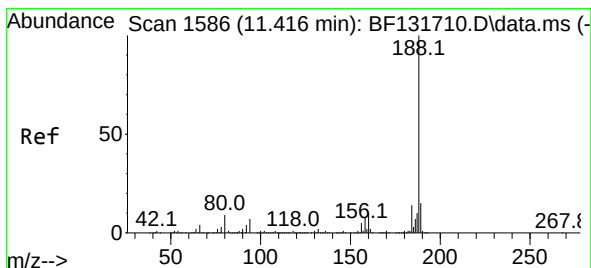
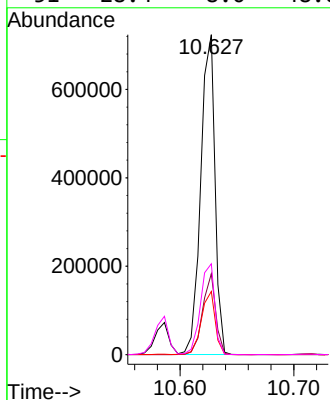
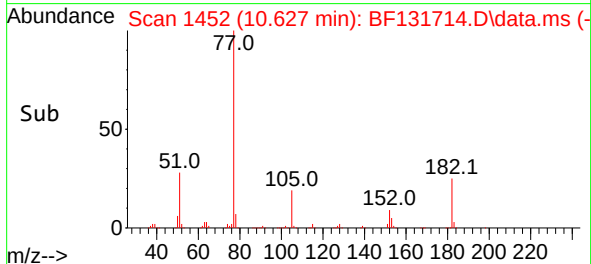
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



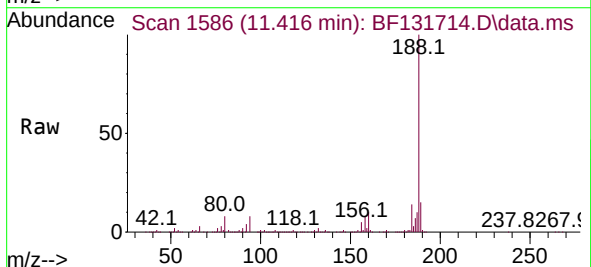
Tgt Ion: 77 Resp: 631259
Ion Ratio Lower Upper
77 100
182 25.3 5.8 45.8
105 19.7 0.0 39.7
51 28.4 8.0 48.0

Manual Integrations
APPROVED

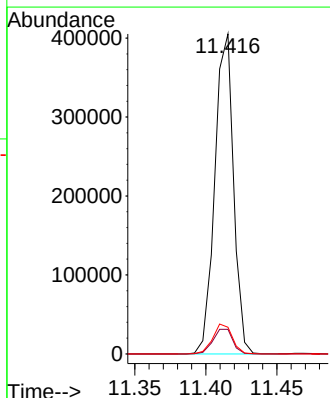
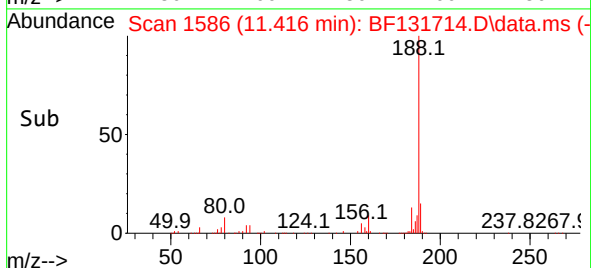
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

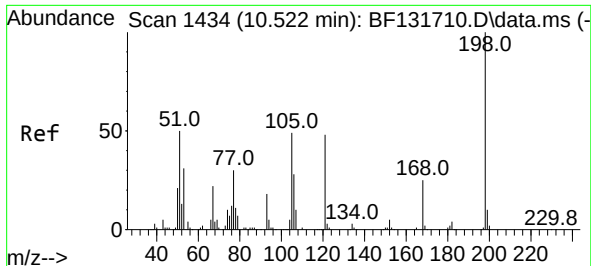


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



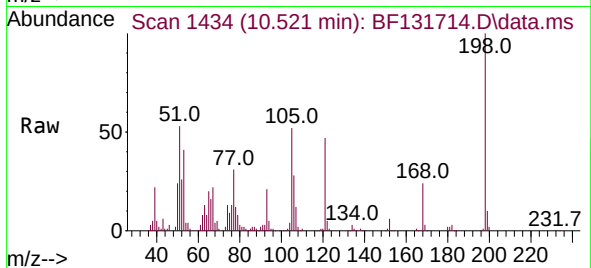
Tgt Ion:188 Resp: 372895
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.3 7.0 10.6





#65
4,6-Dinitro-2-methylphenol
Concen: 42.787 ng
RT: 10.521 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

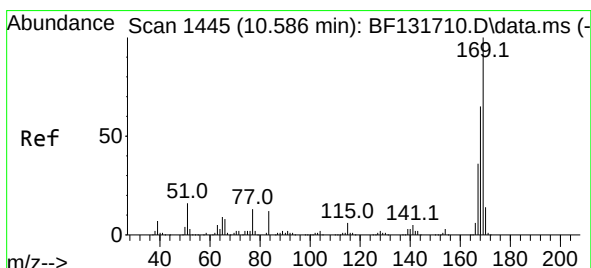
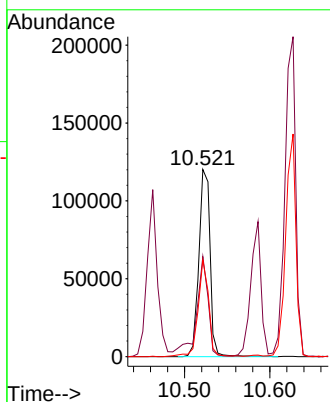
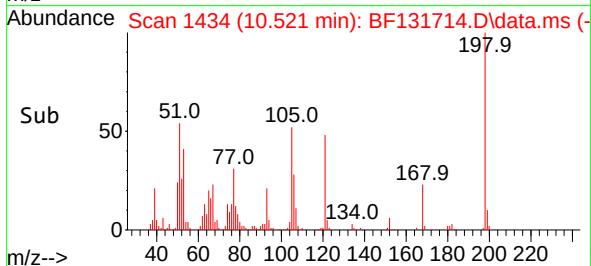
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



Tgt Ion:198 Resp: 109542
Ion Ratio Lower Upper
198 100
51 53.4 34.1 74.1
105 51.7 29.7 69.7

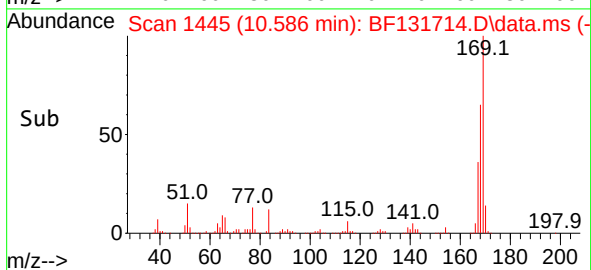
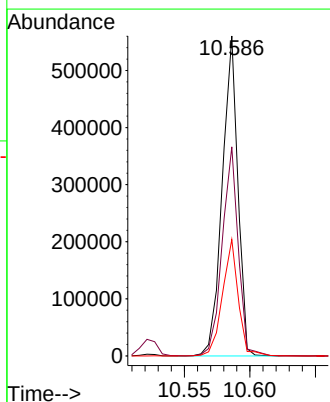
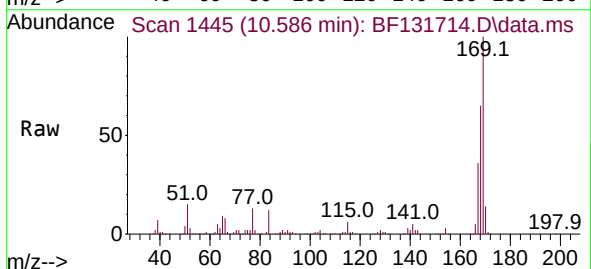
Manual Integrations
APPROVED

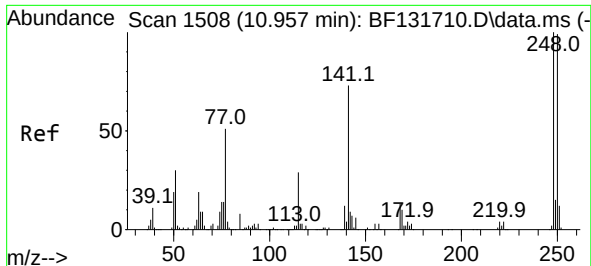
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#66
n-Nitrosodiphenylamine
Concen: 40.210 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

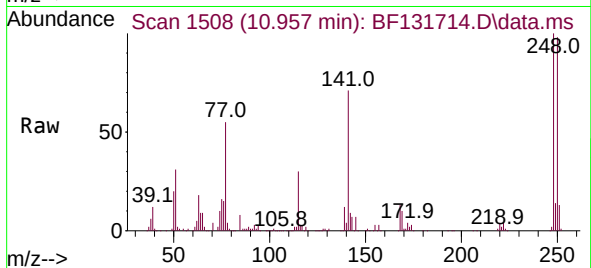
Tgt Ion:169 Resp: 464979
Ion Ratio Lower Upper
169 100
168 65.3 52.4 78.6
167 36.4 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 40.888 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

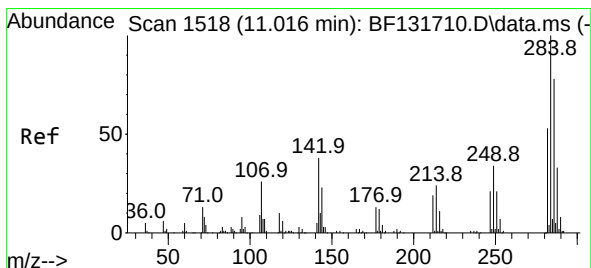
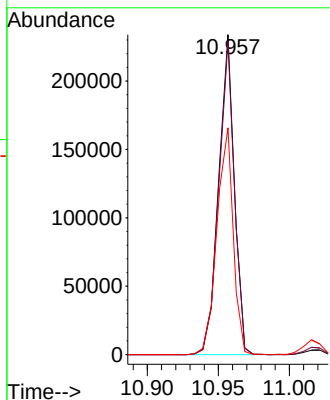
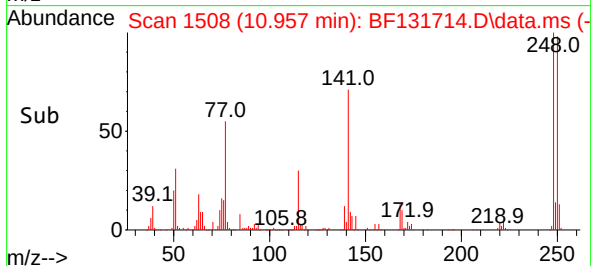
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



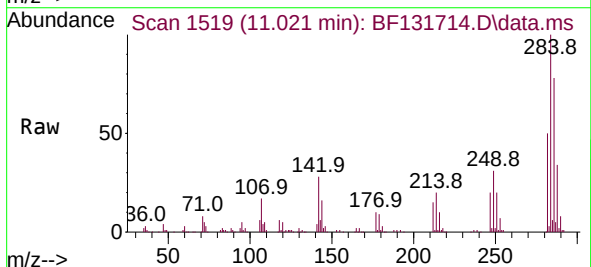
Tgt Ion:248 Resp: 180079
Ion Ratio Lower Upper
248 100
250 97.7 79.4 119.0
141 70.9 58.1 87.1

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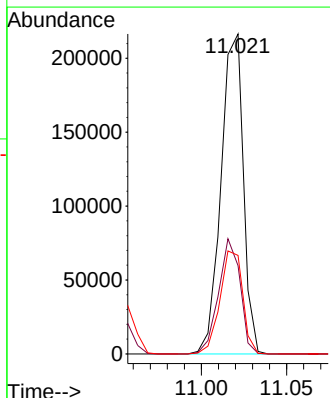
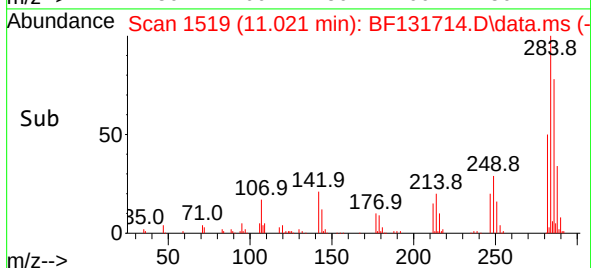
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

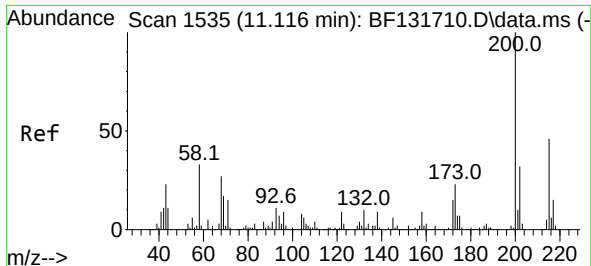


#68
Hexachlorobenzene
Concen: 40.688 ng
RT: 11.021 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



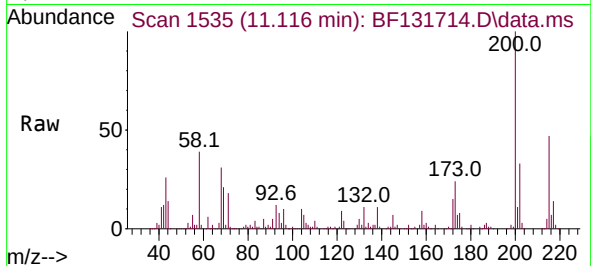
Tgt Ion:284 Resp: 197081
Ion Ratio Lower Upper
284 100
142 27.6 30.2 45.4#
249 30.8 27.2 40.8





#69
Atrazine
Concen: 40.966 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

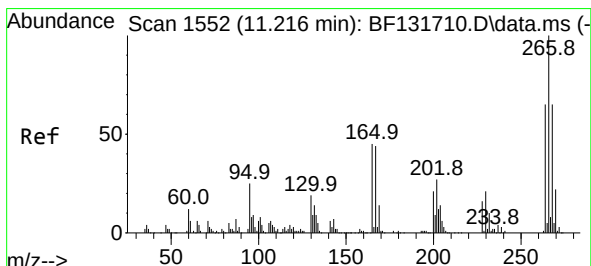
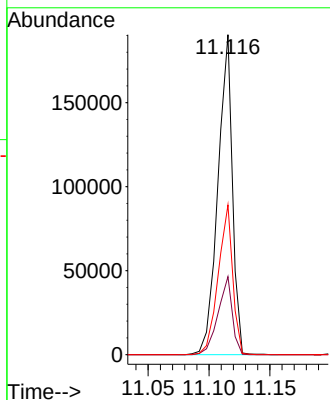
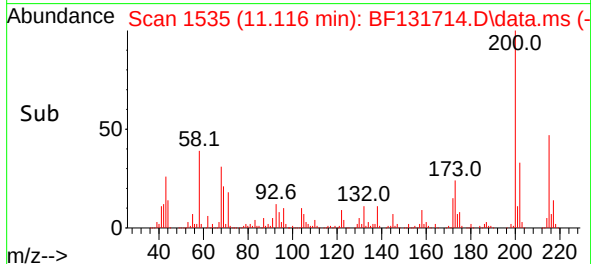
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



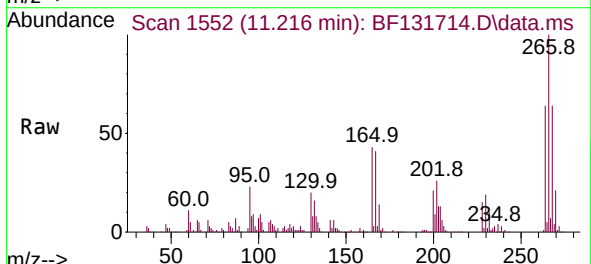
Tgt Ion:200 Resp: 157912
Ion Ratio Lower Upper
200 100
173 24.4 2.7 42.7
215 46.8 26.4 66.4

Manual Integrations
APPROVED

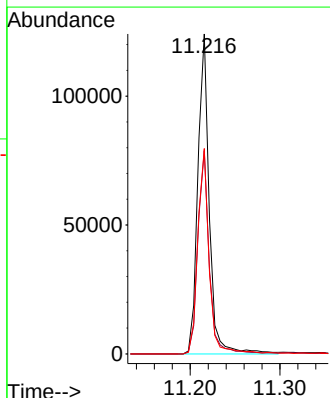
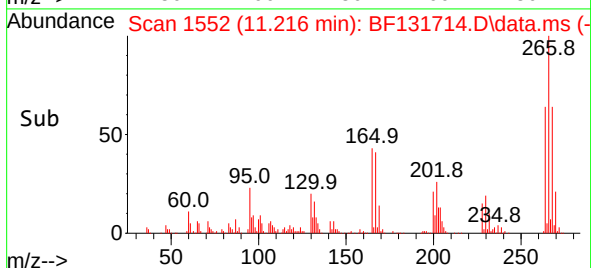
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

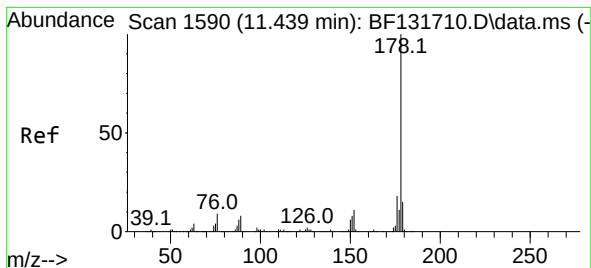


#70
Pentachlorophenol
Concen: 42.667 ng
RT: 11.216 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion:266 Resp: 109689
Ion Ratio Lower Upper
266 100
268 63.5 52.2 78.4
264 64.2 52.0 78.0





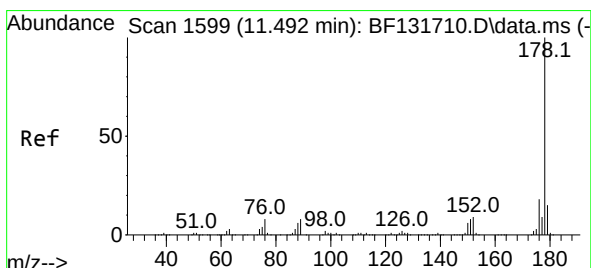
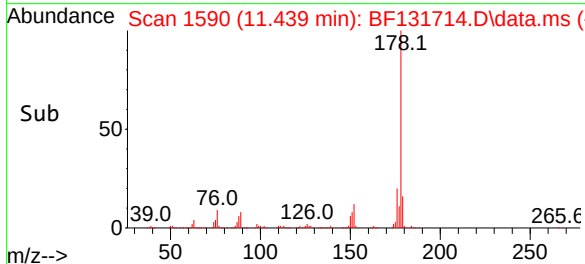
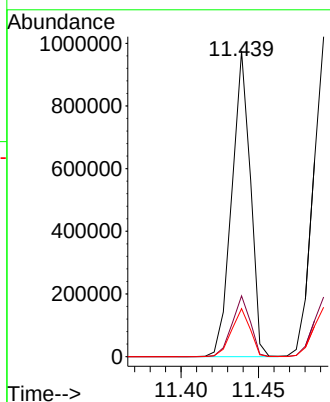
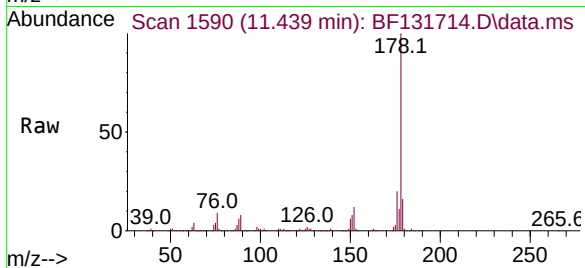
#71
Phenanthrene
Concen: 39.754 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :
BNA_F
ClientSampleId :
ICVBF122022

Tgt Ion:178 Resp: 808343
Ion Ratio Lower Upper
178 100
176 19.9 14.8 22.2
179 15.7 12.2 18.4

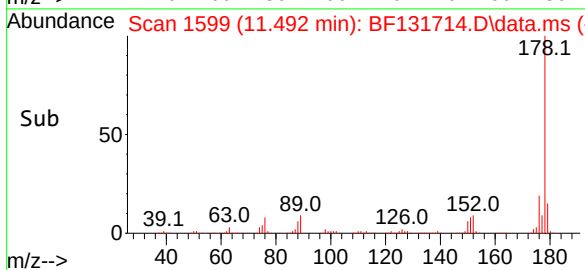
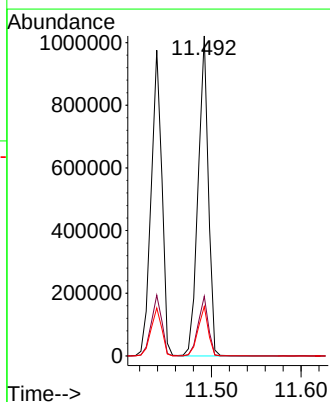
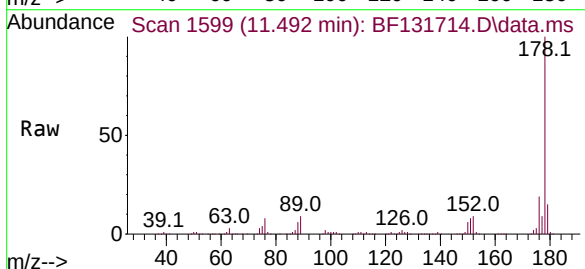
Manual Integrations
APPROVED

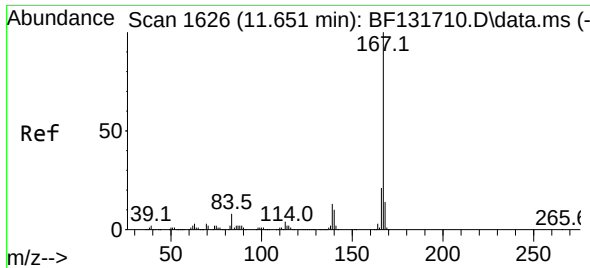
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#72
Anthracene
Concen: 40.575 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

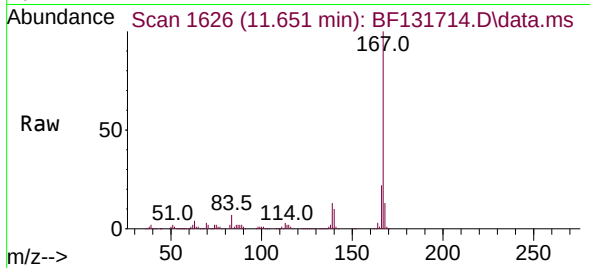
Tgt Ion:178 Resp: 807808
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 39.829 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. -0.000 min
 Lab File: BF131714.D
 Acq: 20 Dec 2022 15:42

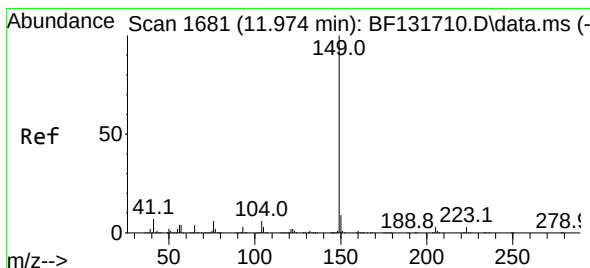
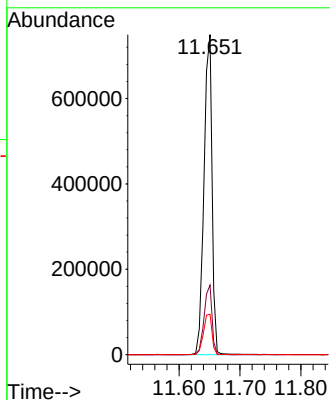
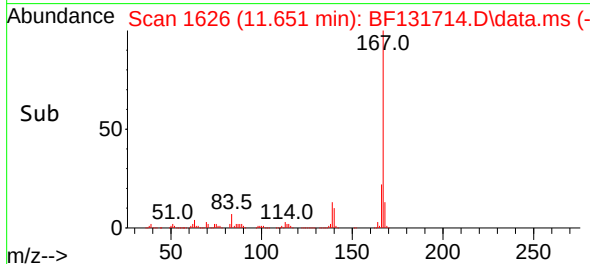
Instrument : BNA_F
 ClientSampleId : ICVBF122022



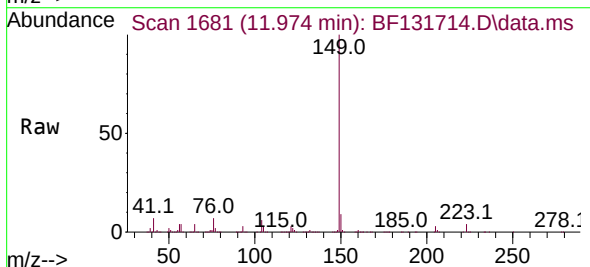
Tgt Ion:167 Resp: 686050
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 12.6 10.5 15.7

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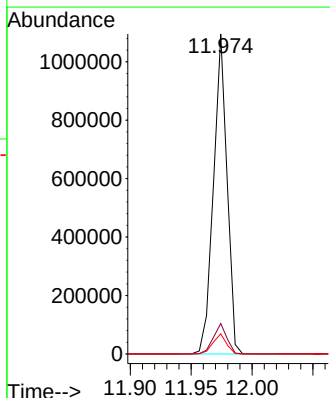
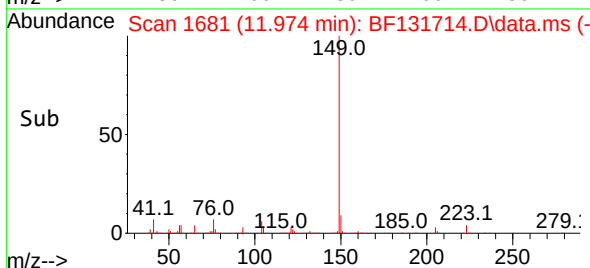
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022

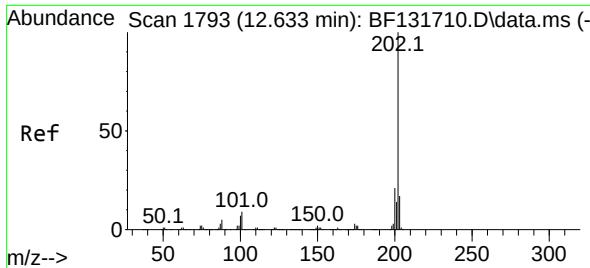


#74
 Di-n-butylphthalate
 Concen: 39.611 ng
 RT: 11.974 min Scan# 1681
 Delta R.T. -0.000 min
 Lab File: BF131714.D
 Acq: 20 Dec 2022 15:42



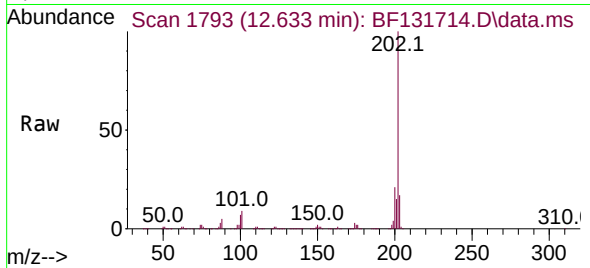
Tgt Ion:149 Resp: 849578
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 6.3 5.0 7.4





#75
Fluoranthene
Concen: 39.325 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

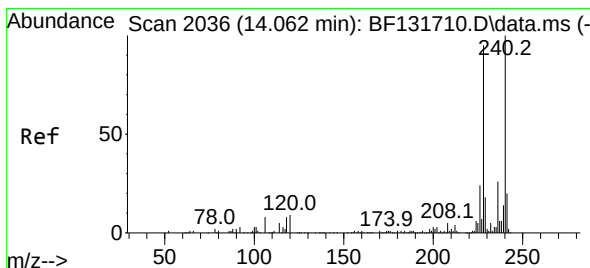
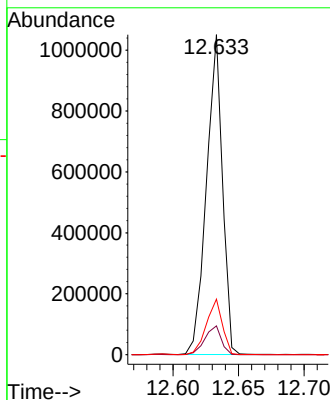
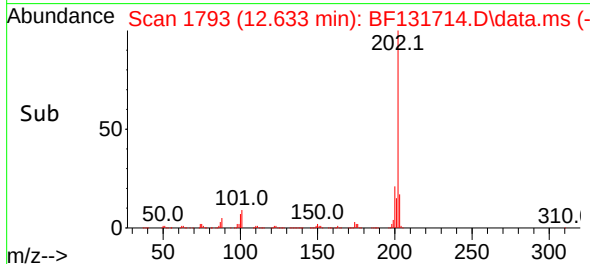
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



Tgt Ion:202 Resp: 890526
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 17.4 0.0 37.1

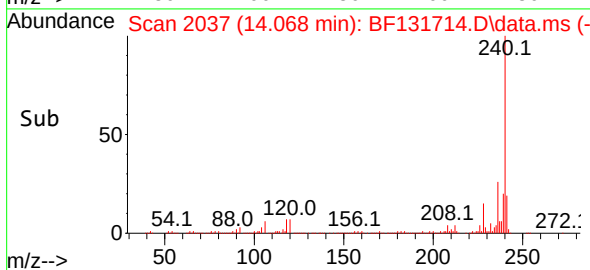
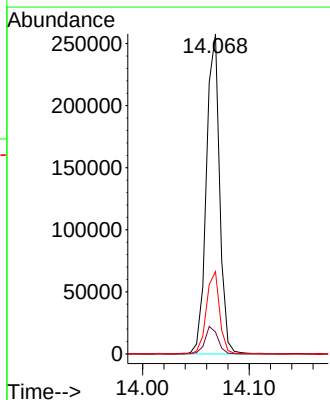
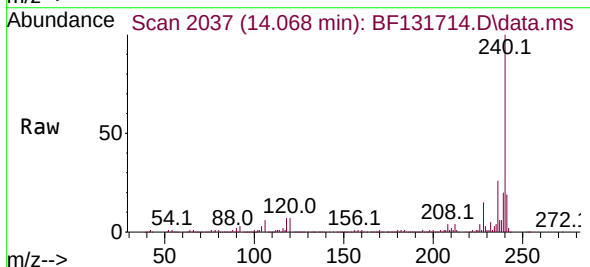
Manual Integrations
APPROVED

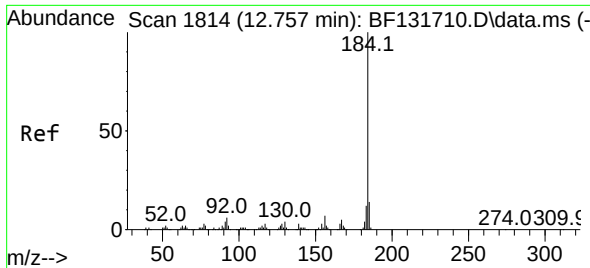
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

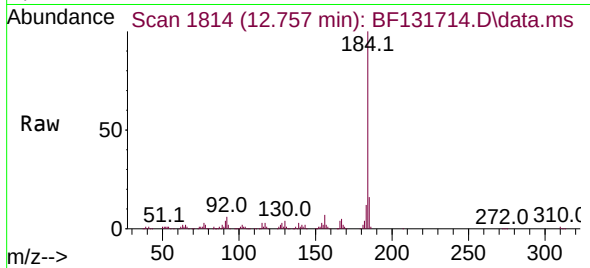
Tgt Ion:240 Resp: 222285
Ion Ratio Lower Upper
240 100
120 6.8 7.6 11.4#
236 25.7 21.2 31.8





#77
Benzidine
Concen: 38.903 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

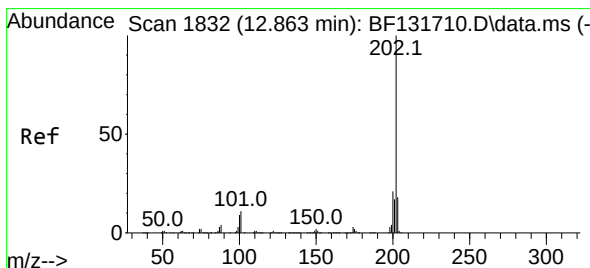
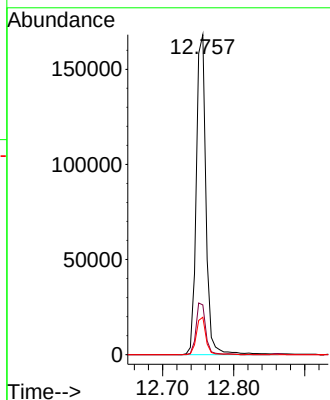
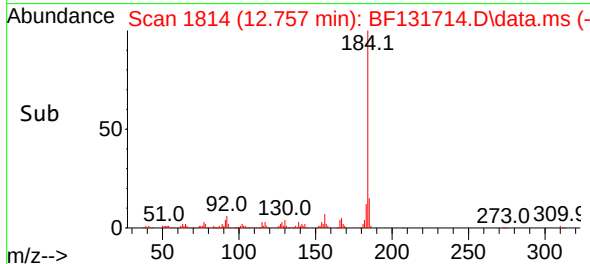
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



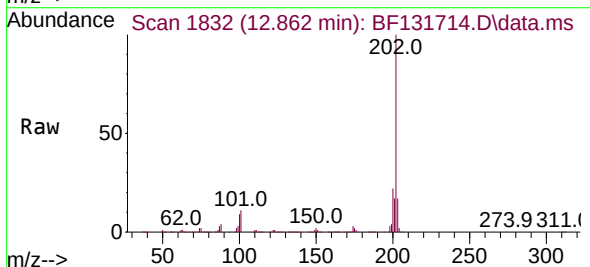
Tgt Ion:184 Resp: 158569
Ion Ratio Lower Upper
184 100
185 15.5 11.3 16.9
183 11.7 9.3 13.9

Manual Integrations
APPROVED

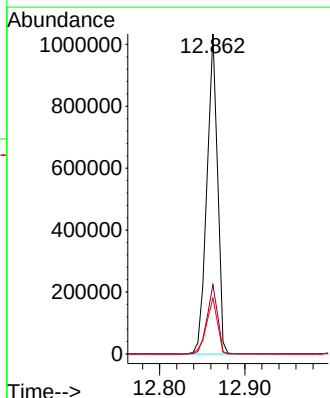
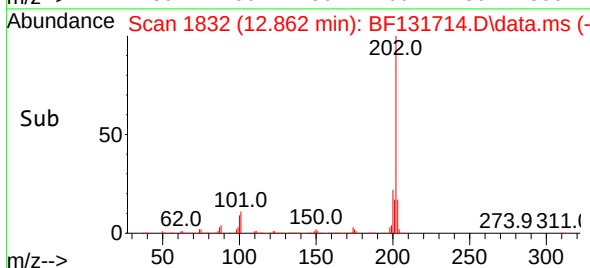
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

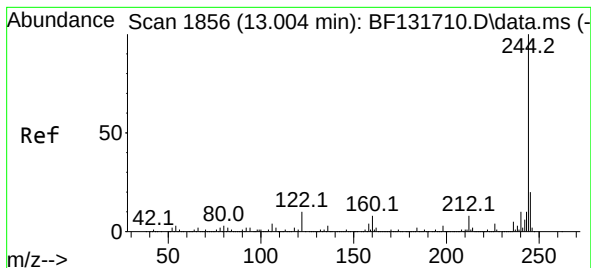


#78
Pyrene
Concen: 44.386 ng
RT: 12.862 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion:202 Resp: 897041
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 89.112 ng

RT: 13.004 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BF131714.D

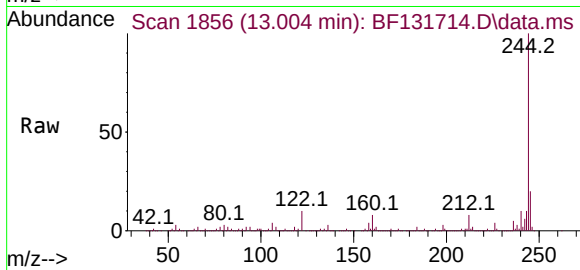
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022



Tgt Ion:244 Resp: 127095

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

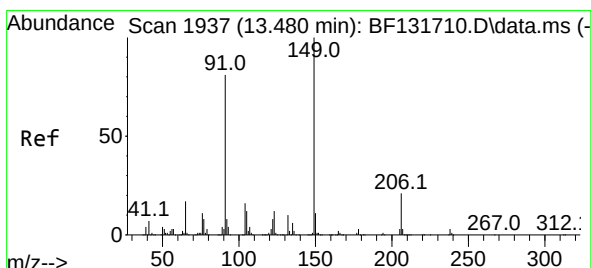
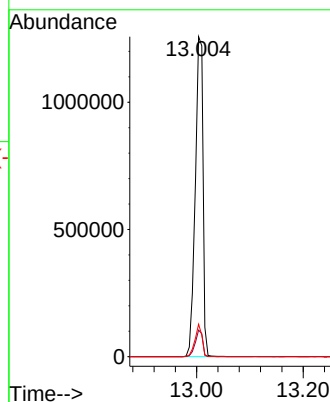
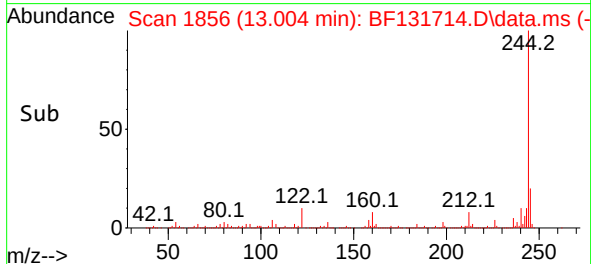
122 10.1 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#80

Butylbenzylphthalate

Concen: 43.789 ng

RT: 13.480 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

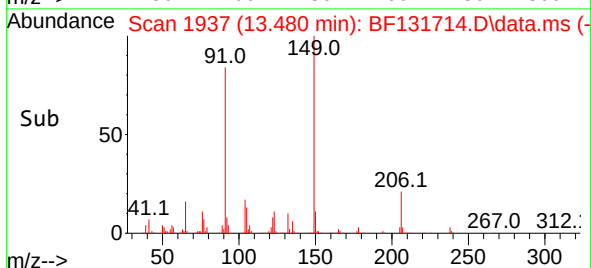
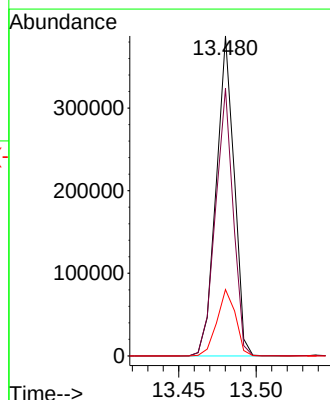
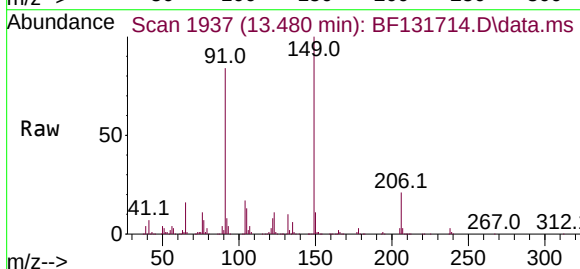
Tgt Ion:149 Resp: 312129

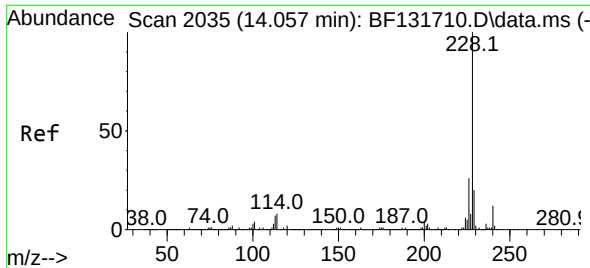
Ion Ratio Lower Upper

149 100

91 83.6 64.9 97.3

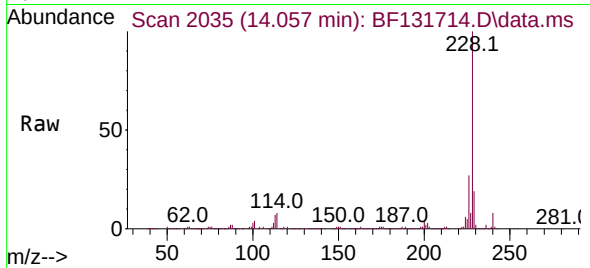
206 20.8 17.0 25.4





#81
Benzo(a)anthracene
Concen: 42.013 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

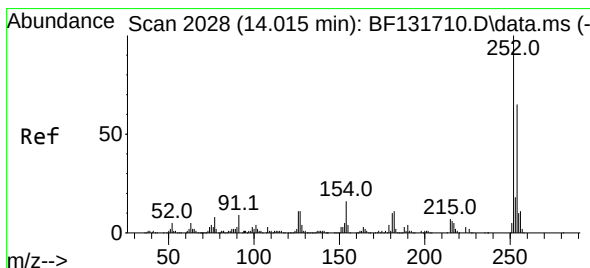
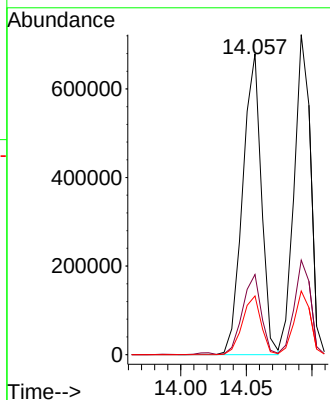
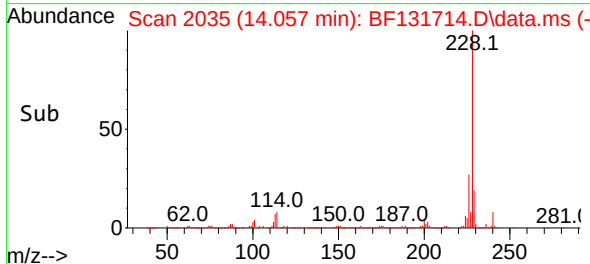
Instrument :
BNA_F
ClientSampleId :
ICVBF122022



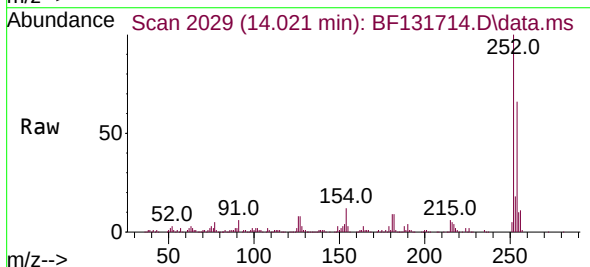
Tgt Ion:228 Resp: 672595
Ion Ratio Lower Upper
228 100
226 26.6 21.0 31.4
229 19.5 15.8 23.8

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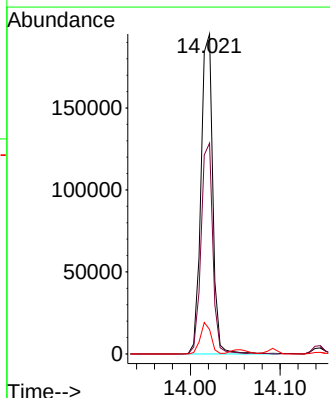
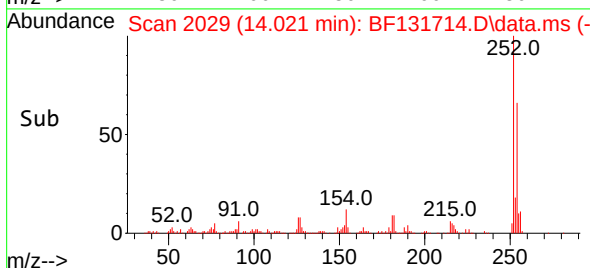
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

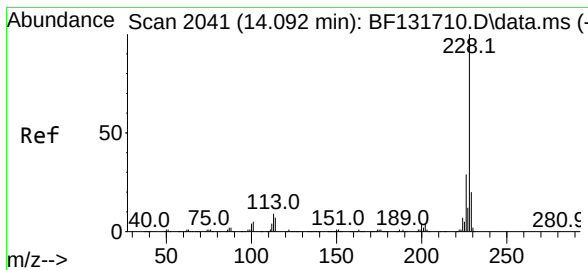


#82
3,3'-Dichlorobenzidine
Concen: 39.701 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion:252 Resp: 177447
Ion Ratio Lower Upper
252 100
254 65.9 52.1 78.1
126 7.6 8.4 12.6





#83

Chrysene

Concen: 42.124 ng

RT: 14.092 min Scan# 2041

Delta R.T. -0.000 min

Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

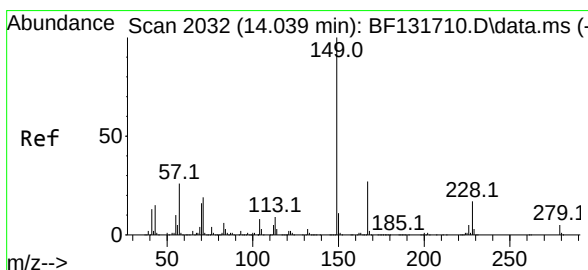
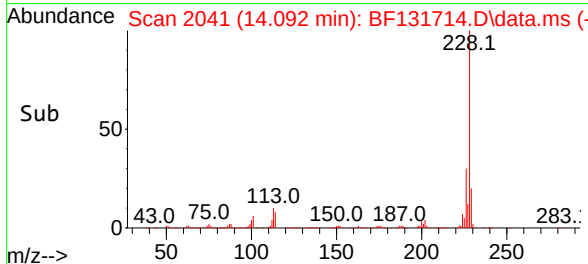
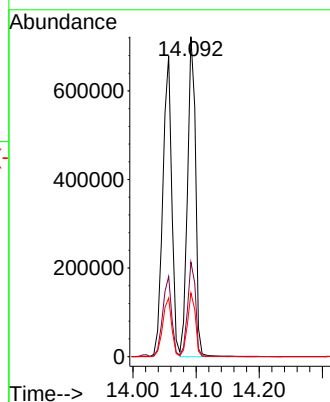
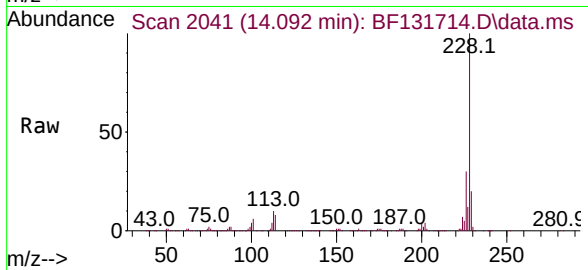
Tgt Ion:228 Resp: 636503

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.5	35.3
229	19.9	15.6	23.4

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.941 ng

RT: 14.039 min Scan# 2032

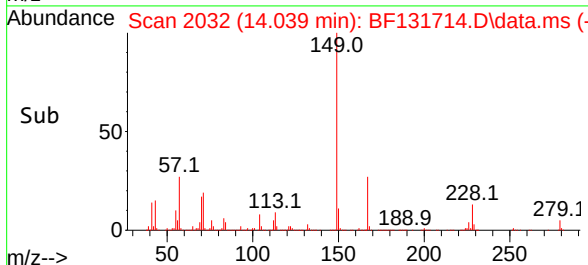
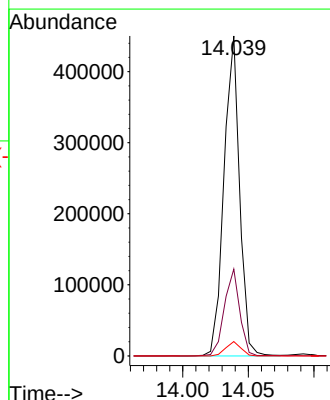
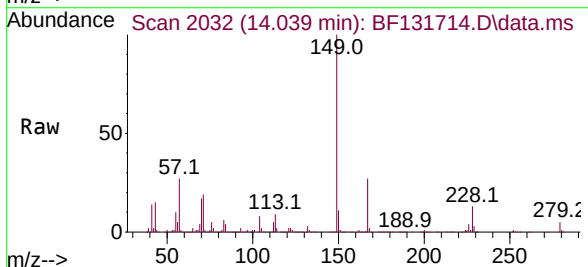
Delta R.T. -0.000 min

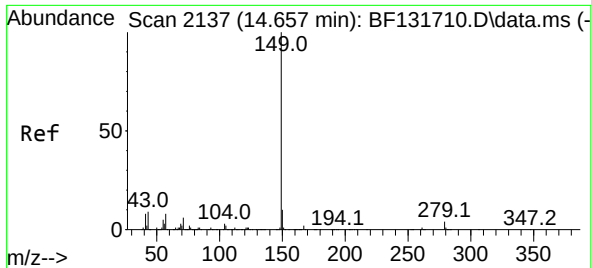
Lab File: BF131714.D

Acq: 20 Dec 2022 15:42

Tgt Ion:149 Resp: 373481

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.7	32.5
279	4.5	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 42.758 ng
RT: 14.656 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

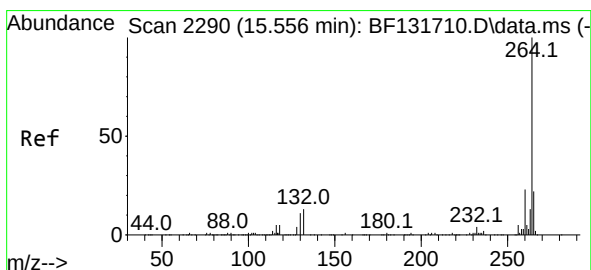
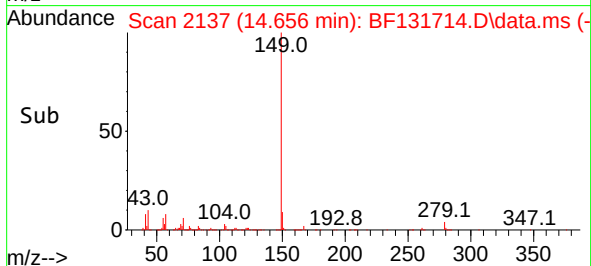
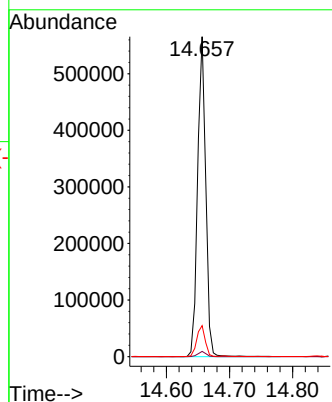
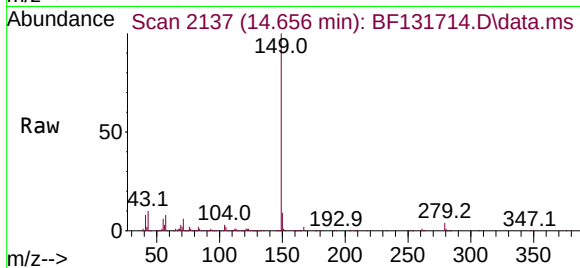
ICVBF122022

Tgt Ion:149 Resp: 507311
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 8.3 12.5

Manual Integrations

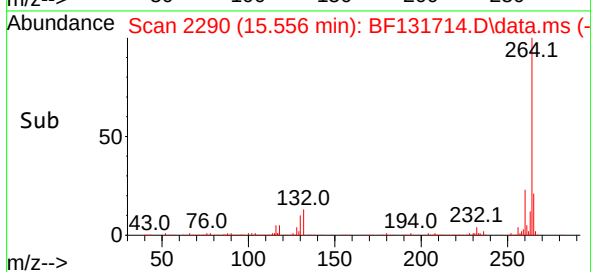
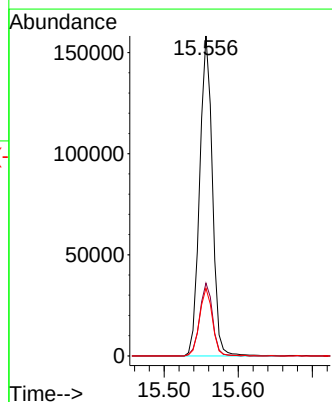
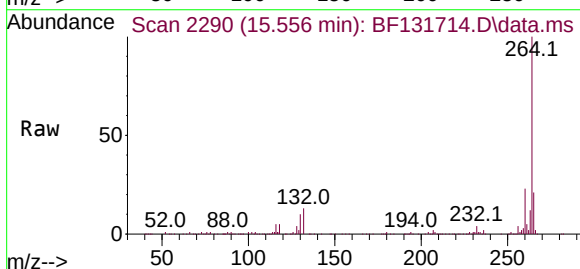
APPROVED

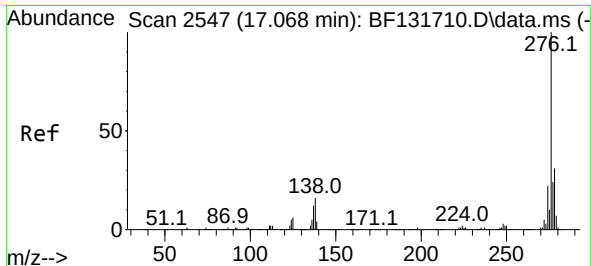
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Tgt Ion:264 Resp: 188397
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.1 17.4 26.2





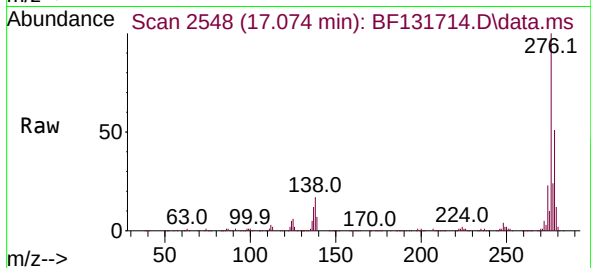
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.689 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

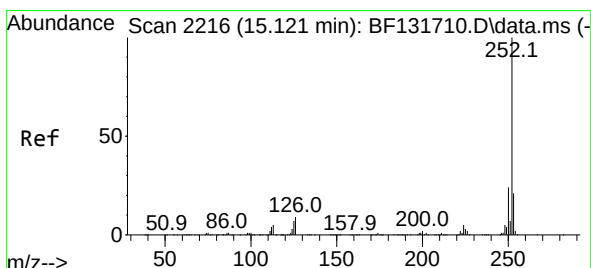
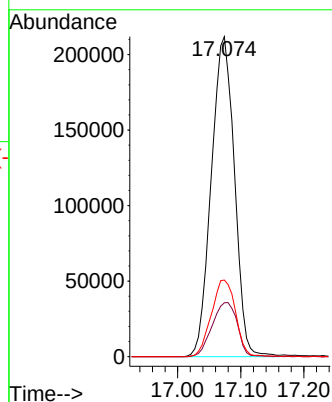
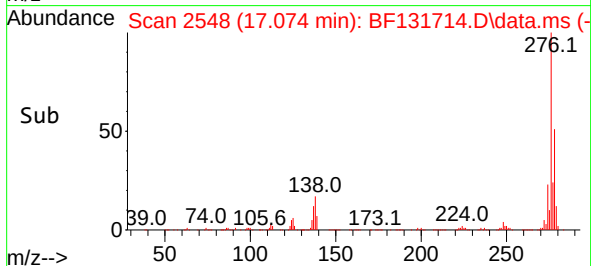


Tgt Ion:276 Resp: 540205
Ion Ratio Lower Upper
276 100
138 18.3 14.4 21.6
277 25.0 19.8 29.8

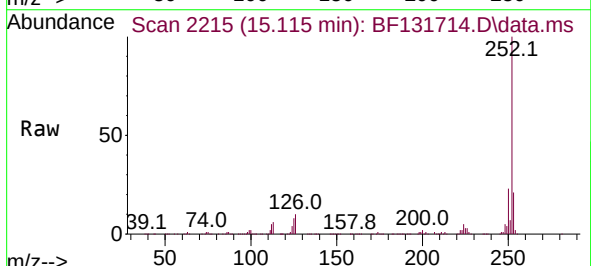
Manual Integrations

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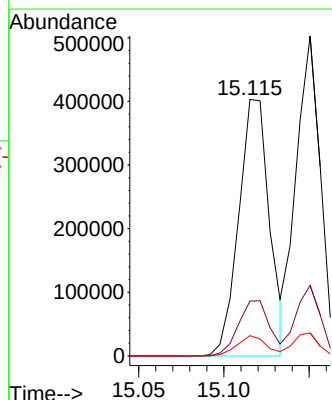
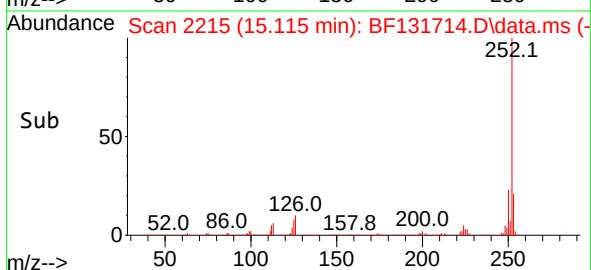
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

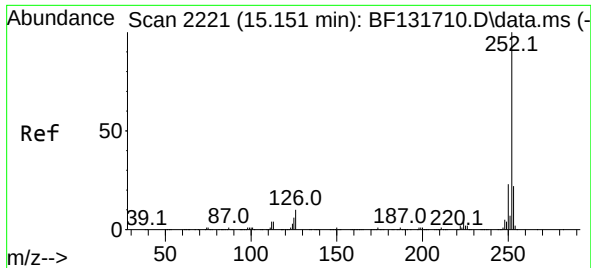


#88
Benzo(b)fluoranthene
Concen: 38.048 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion:252 Resp: 507131
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 7.9 5.5 8.3





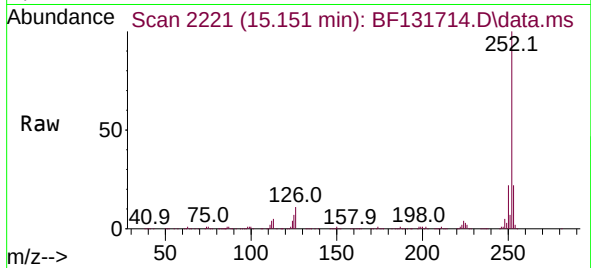
#89
Benzo(k)fluoranthene
Concen: 39.215 ng
RT: 15.151 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

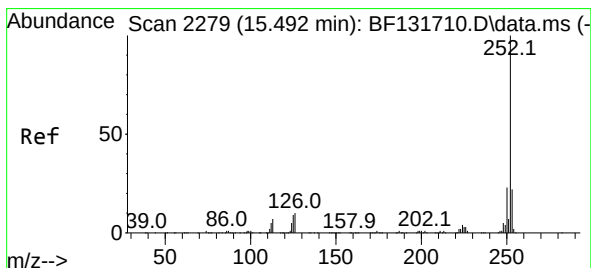
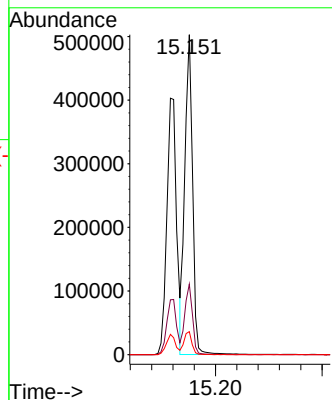
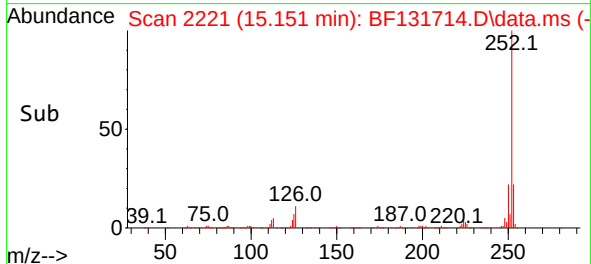


Tgt Ion:252 Resp: 51032
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.2 5.2 7.8

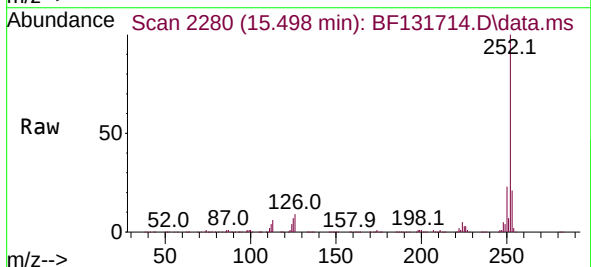
Manual Integrations

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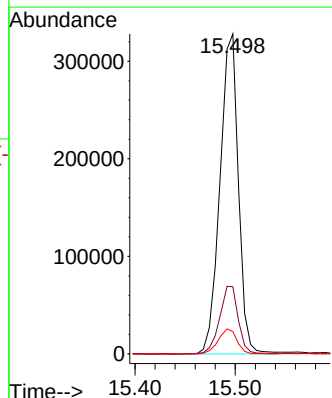
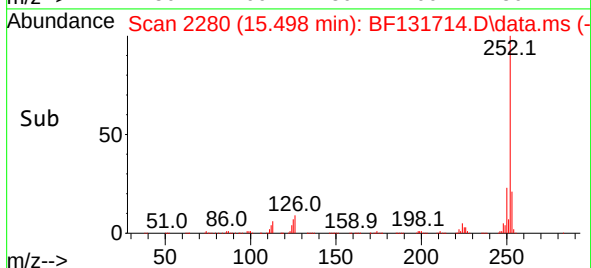
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

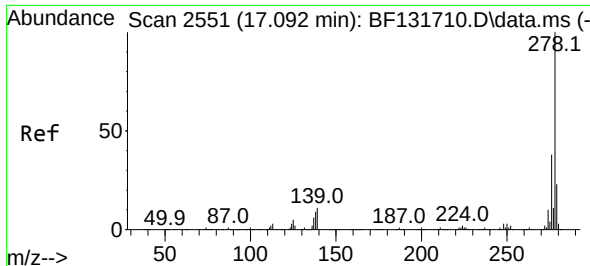


#90
Benzo(a)pyrene
Concen: 39.818 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion:252 Resp: 420390
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 7.0 7.0 10.4





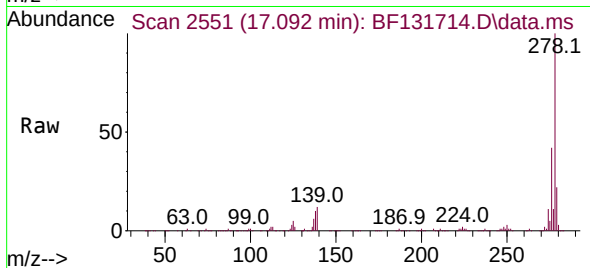
#91
Dibenzo(a,h)anthracene
Concen: 43.038 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42

Instrument :

BNA_F

ClientSampleId :

ICVBF122022

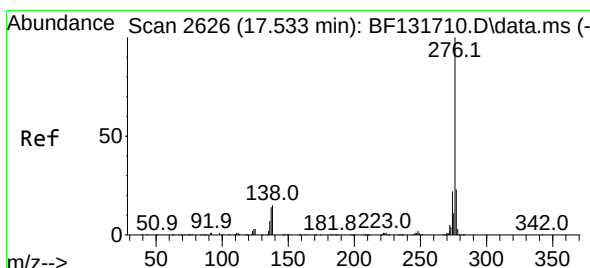
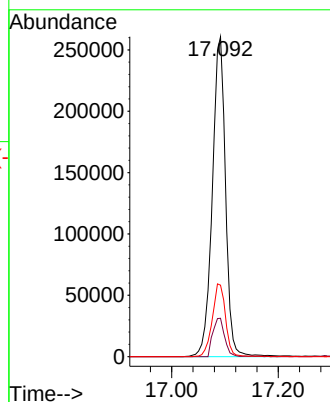
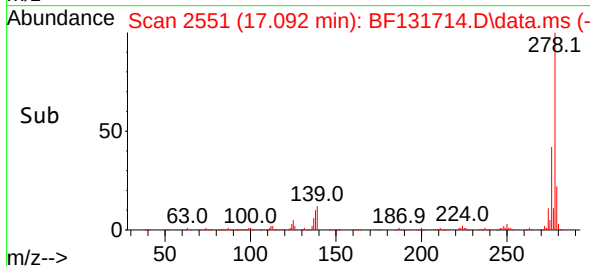


Tgt Ion:278 Resp: 450076
Ion Ratio Lower Upper
278 100
139 12.0 8.7 13.1
279 22.3 18.7 28.1

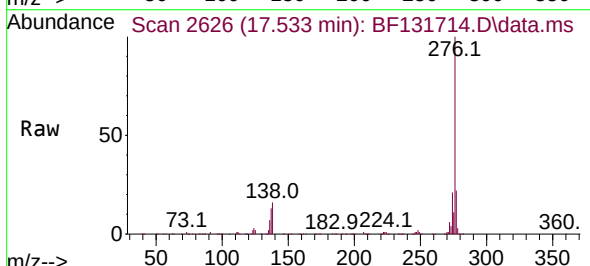
Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 43.562 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.000 min
Lab File: BF131714.D
Acq: 20 Dec 2022 15:42



Tgt Ion:276 Resp: 450264
Ion Ratio Lower Upper
276 100
277 22.3 18.3 27.5
138 15.6 12.3 18.5

