

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122422\
 Data File : BF131828.D
 Acq On : 24 Dec 2022 16:36
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122422

Quant Time: Dec 26 05:16:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Yogesh Patel 12/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	73474	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	252211	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	146742	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	293807	20.000	ng	0.00
76) Chrysene-d12	14.039	240	212533	20.000	ng	0.00
86) Perylene-d12	15.521	264	153916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	365934	82.537	ng	0.00
7) Phenol-d6	6.469	99	473466	81.283	ng	0.00
23) Nitrobenzene-d5	7.410	82	521099	82.491	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	133959	84.021	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	872266	81.420	ng	0.00
79) Terphenyl-d14	12.980	244	1091473	86.869	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	84051	40.882	ng	98
3) Pyridine	3.275	79	244231	42.255	ng	96
4) n-Nitrosodimethylamine	3.246	42	112423	41.367	ng	97
6) Aniline	6.498	93	290647	41.143	ng	99
8) 2-Chlorophenol	6.622	128	191515	41.001	ng	98
9) Benzaldehyde	6.387	77	145127	38.830	ng	97
10) Phenol	6.481	94	285065	41.096	ng	99
11) bis(2-Chloroethyl)ether	6.575	93	201274	40.576	ng	99
12) 1,3-Dichlorobenzene	6.775	146	218174	40.872	ng	100
13) 1,4-Dichlorobenzene	6.851	146	220132	40.920	ng	98
14) 1,2-Dichlorobenzene	7.004	146	206153	40.783	ng	98
15) Benzyl Alcohol	6.981	79	211915	41.487	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	258643	40.859	ng	98
17) 2-Methylphenol	7.092	107	174640	40.897	ng	99
18) Hexachloroethane	7.345	117	89366	41.140	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	164885	40.081	ng	98
20) 3+4-Methylphenols	7.251	107	226800	40.705	ng	96
22) Acetophenone	7.251	105	299017	40.440	ng	98
24) Nitrobenzene	7.428	77	260632	41.169	ng	99
25) Isophorone	7.669	82	421939	40.901	ng	99
26) 2-Nitrophenol	7.745	139	102389	41.597	ng	99
27) 2,4-Dimethylphenol	7.781	122	144265	41.089	ng	95
28) bis(2-Chloroethoxy)met...	7.881	93	225337	40.715	ng	99
29) 2,4-Dichlorophenol	7.987	162	174745	41.310	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	206179	41.110	ng	99
31) Naphthalene	8.151	128	568107	41.130	ng	100
32) Benzoic acid	7.910	122	113591m	44.263	ng	
33) 4-Chloroaniline	8.204	127	219046	41.331	ng	99
34) Hexachlorobutadiene	8.263	225	140561	40.965	ng	100
35) Caprolactam	8.586	113	51742	41.313	ng	97
36) 4-Chloro-3-methylphenol	8.686	107	198198	41.457	ng	99
37) 2-Methylnaphthalene	8.845	142	381663	41.171	ng	100
38) 1-Methylnaphthalene	8.945	142	368683	40.945	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	212242	41.192	ng	99
41) Hexachlorocyclopentadiene	8.992	237	85006	40.059	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	137657	41.714	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	149534	41.919	ng	96
46) 1,1'-Biphenyl	9.310	154	455349	40.531	ng	99
47) 2-Chloronaphthalene	9.339	162	384007	41.315	ng	98
48) 2-Nitroaniline	9.439	65	141740	41.605	ng	99
49) Acenaphthylene	9.751	152	569981	41.184	ng	99
50) Dimethylphthalate	9.616	163	460243	41.458	ng	99
51) 2,6-Dinitrotoluene	9.681	165	101245	42.129	ng	98
52) Acenaphthene	9.928	154	347380	41.589	ng	98
53) 3-Nitroaniline	9.851	138	102097	41.694	ng	97
54) 2,4-Dinitrophenol	9.957	184	59118	42.747	ng	97
55) Dibenzofuran	10.098	168	532719	41.396	ng	99
56) 4-Nitrophenol	10.016	139	74674	43.532	ng	98
57) 2,4-Dinitrotoluene	10.086	165	139266	42.374	ng	96
58) Fluorene	10.445	166	431242	41.048	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	125427m	42.847	ng	
60) Diethylphthalate	10.316	149	444134	41.567	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	224803	41.161	ng	100
62) 4-Nitroaniline	10.475	138	108184	42.392	ng	96
63) Azobenzene	10.598	77	485284	40.924	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	86396	43.189	ng	99
66) n-Nitrosodiphenylamine	10.557	169	363948	40.608	ng	98
67) 4-Bromophenyl-phenylether	10.928	248	139136	40.859	ng	99
68) Hexachlorobenzene	10.986	284	151702	40.554	ng	99
69) Atrazine	11.086	200	123959	42.012	ng	98
70) Pentachlorophenol	11.186	266	81460	44.009	ng	98
71) Phenanthrene	11.410	178	653890	40.471	ng	100
72) Anthracene	11.463	178	641561	40.591	ng	100
73) Carbazole	11.622	167	570026	40.853	ng	99
74) Di-n-butylphthalate	11.945	149	685486	40.645	ng	99
75) Fluoranthene	12.604	202	761503	40.464	ng	100
77) Benzidine	12.727	184	114056	32.656	ng	97
78) Pyrene	12.833	202	783121	43.962	ng	100
80) Butylbenzylphthalate	13.457	149	289286	43.783	ng	98
81) Benzo(a)anthracene	14.027	228	662746	43.069	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	183699	41.303	ng	99
83) Chrysene	14.068	228	627708	43.410	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	353740	43.970	ng	# 97
85) Di-n-octyl phthalate	14.633	149	463895	42.835	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	403704	41.285	ng	99
88) Benzo(b)fluoranthene	15.086	252	465788	41.272	ng	100
89) Benzo(k)fluoranthene	15.121	252	441002	40.443	ng	99
90) Benzo(a)pyrene	15.463	252	346950	39.708	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	330844	41.306	ng	98
92) Benzo(g,h,i)perylene	17.474	276	340434	37.254	ng	97

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

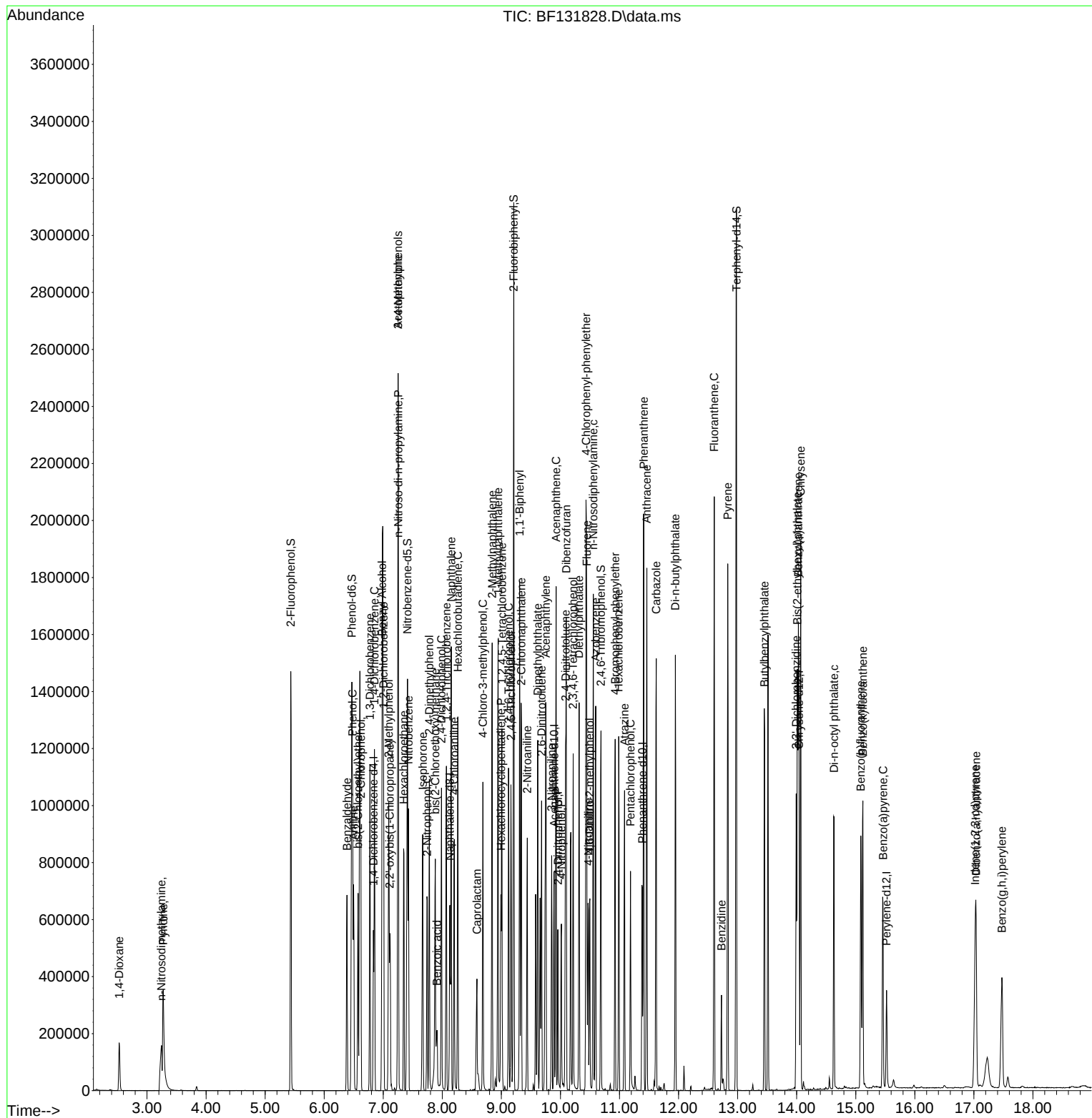
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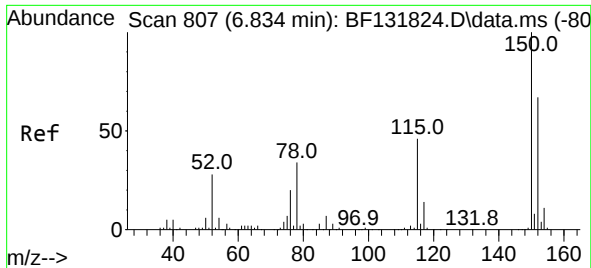
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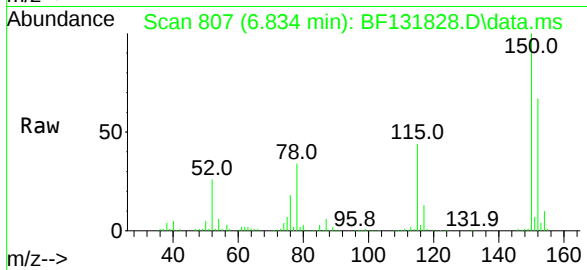
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

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ClientSampleId :

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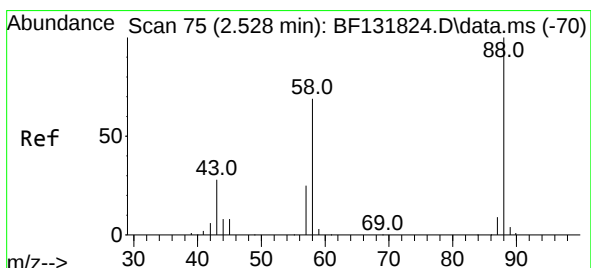
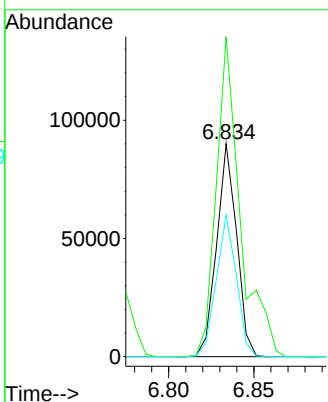
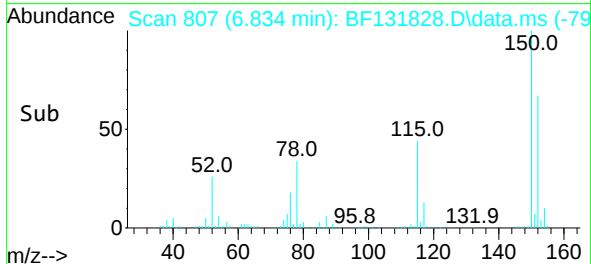


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Ion Ratio Lower Upper
152 100
150 150.2 120.0 180.0
115 66.5 55.1 82.7

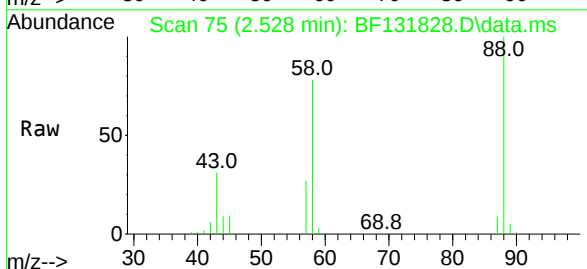
Manual Integrations

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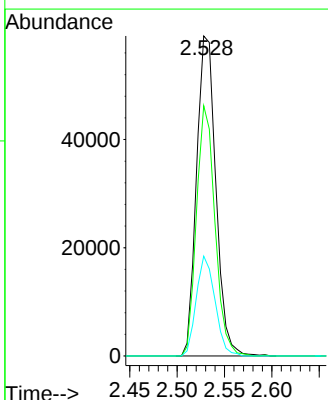
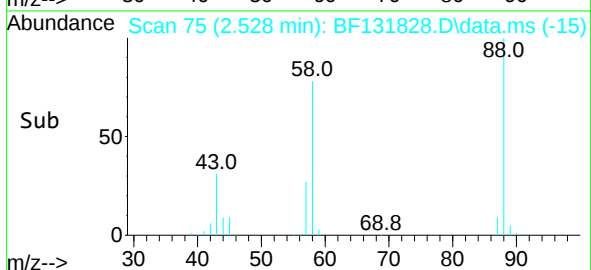
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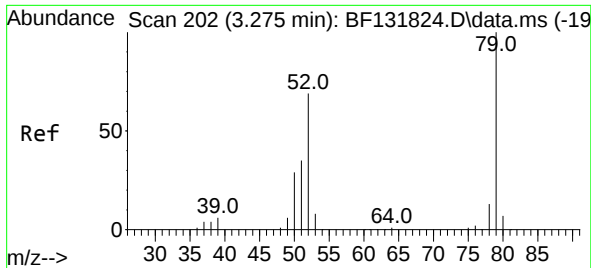


#2
1,4-Dioxane
Concen: 40.882 ng
RT: 2.528 min Scan# 75
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion: 88 Resp: 84051
Ion Ratio Lower Upper
88 100
58 74.7 58.2 87.2
43 30.2 24.2 36.4





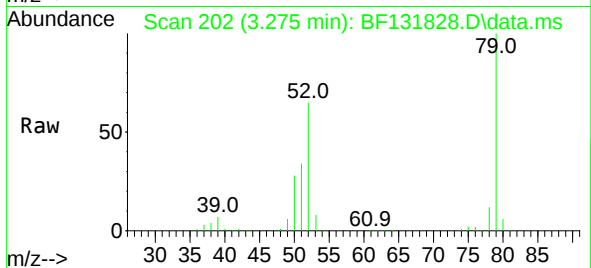
#3
Pyridine
Concen: 42.255 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

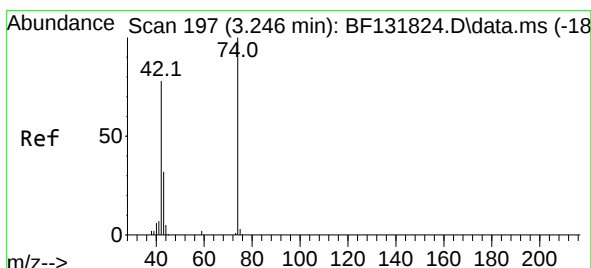
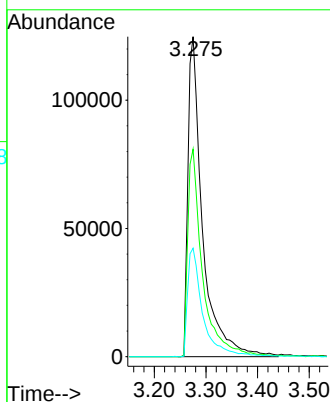
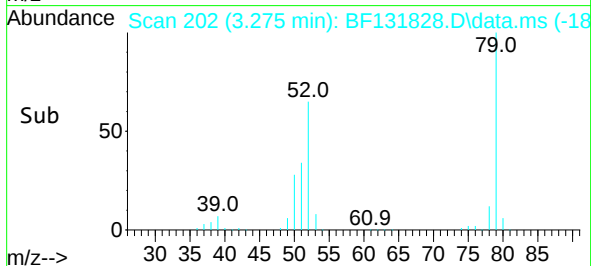
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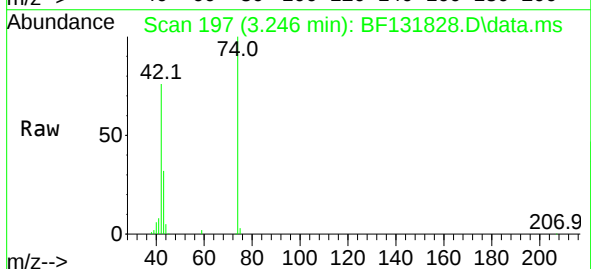
Tgt Ion: 79 Resp: 24423
Ion Ratio Lower Upper
79 100
52 64.9 55.4 83.2
51 33.9 27.8 41.8

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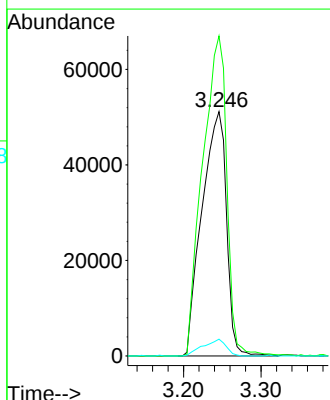
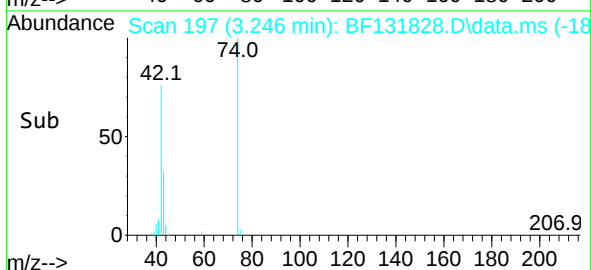
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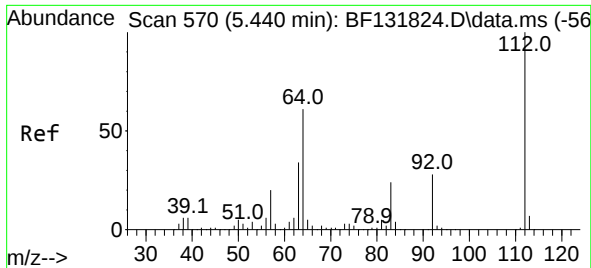


#4
n-Nitrosodimethylamine
Concen: 41.367 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion: 42 Resp: 112423
Ion Ratio Lower Upper
42 100
74 130.9 102.0 153.0
44 6.9 4.6 7.0





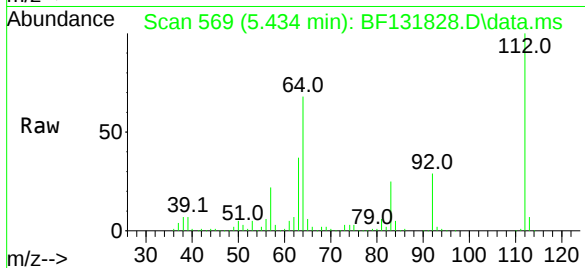
#5
2-Fluorophenol
Concen: 82.537 ng
RT: 5.434 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

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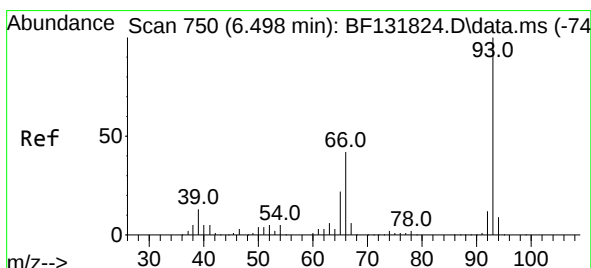
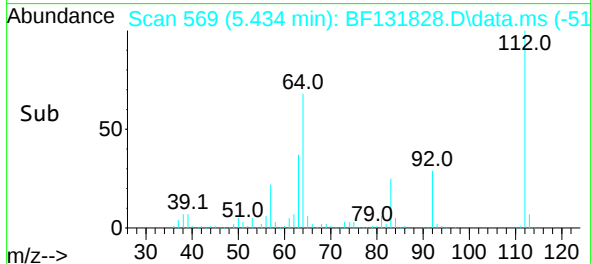
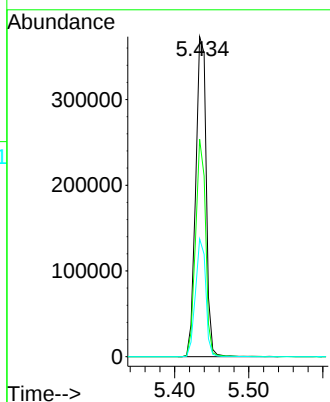


Tgt Ion:112 Resp: 365934
Ion Ratio Lower Upper
112 100
64 68.0 49.2 73.8
63 36.8 27.5 41.3

Manual Integrations

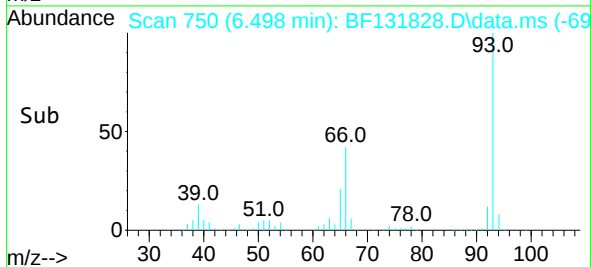
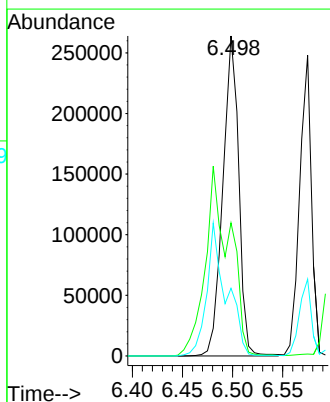
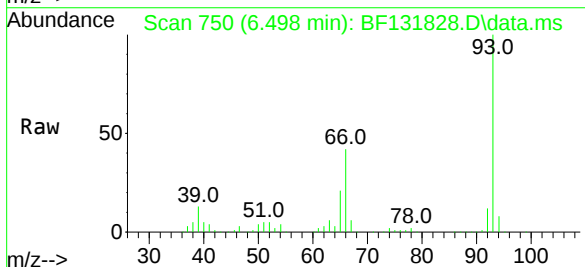
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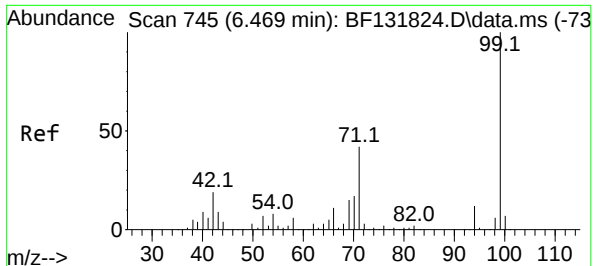
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#6
Aniline
Concen: 41.143 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

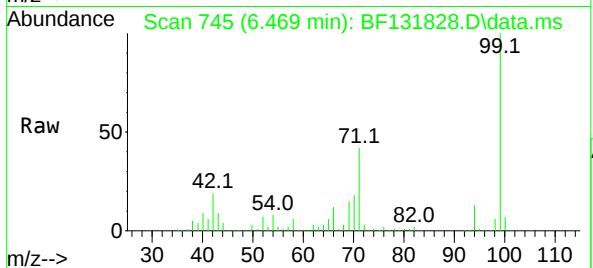
Tgt Ion: 93 Resp: 290647
Ion Ratio Lower Upper
93 100
66 41.6 33.9 50.9
65 21.1 17.4 26.0





#7
Phenol-d6
Concen: 81.283 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131828.D
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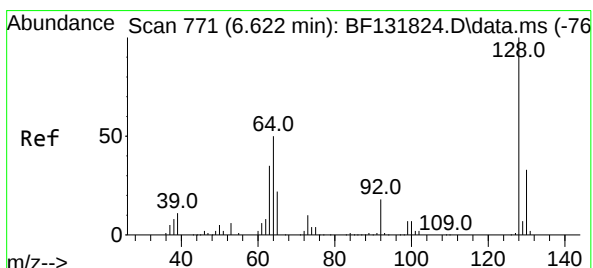
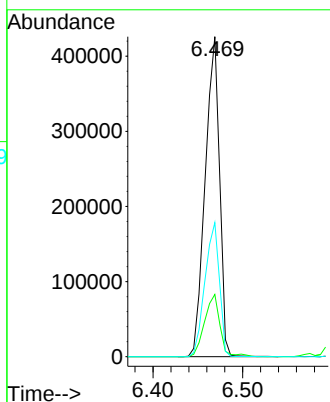
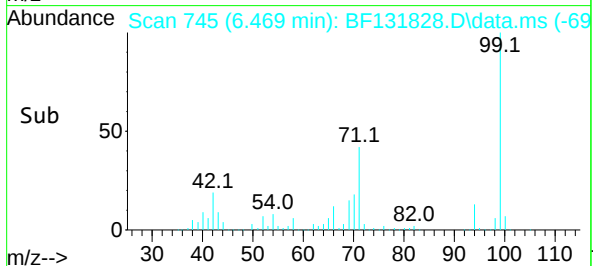
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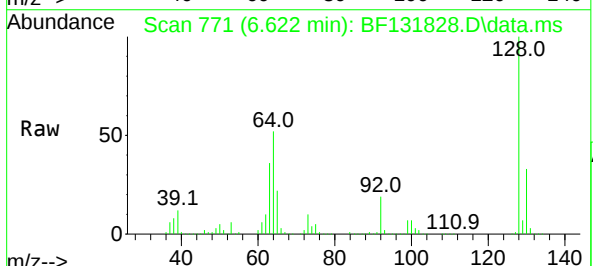
Tgt Ion: 99 Resp: 473460
Ion Ratio Lower Upper
99 100
42 19.5 15.3 22.9
71 41.9 33.5 50.3

Manual Integrations
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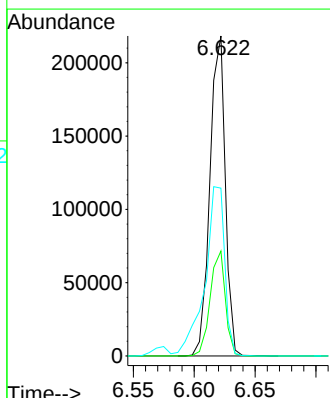
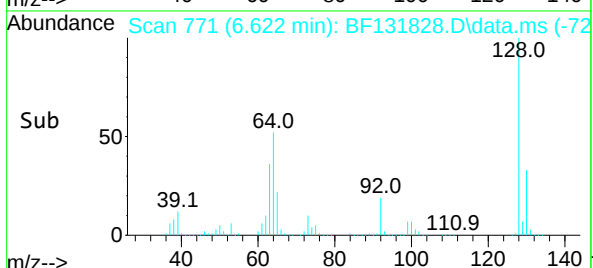
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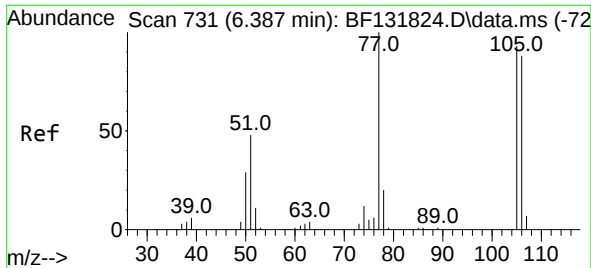


#8
2-Chlorophenol
Concen: 41.001 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF131828.D
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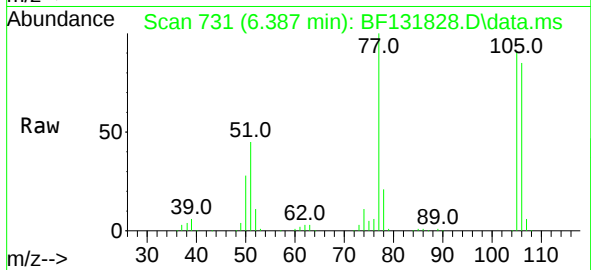
Tgt Ion:128 Resp: 191515
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 52.4 30.7 70.7





#9
Benzaldehyde
Concen: 38.830 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF131828.D
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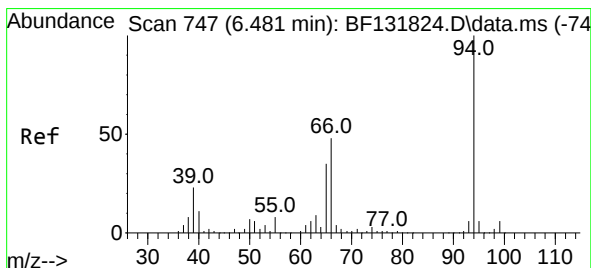
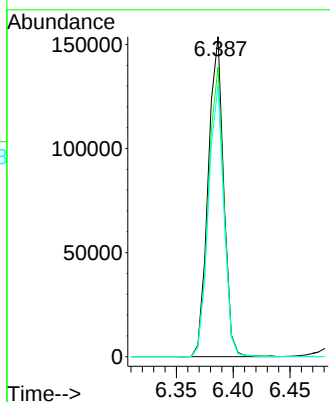
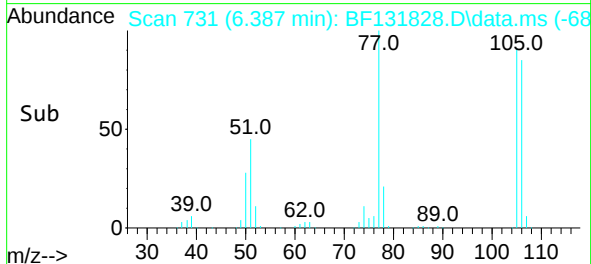
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Tgt Ion: 77 Resp: 145127
Ion Ratio Lower Upper
77 100
105 90.5 72.9 112.9
106 84.8 68.5 108.5

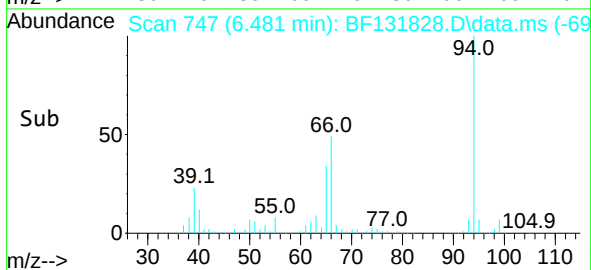
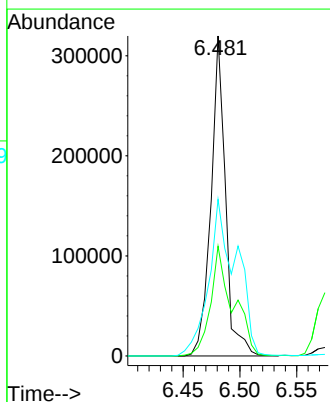
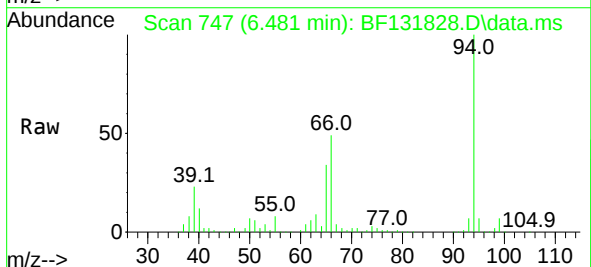
Manual Integrations
APPROVED

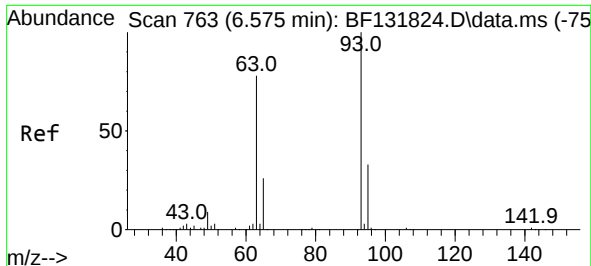
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#10
Phenol
Concen: 41.096 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Tgt Ion: 94 Resp: 285065
Ion Ratio Lower Upper
94 100
65 34.3 14.6 54.6
66 48.9 28.2 68.2





#11

bis(2-Chloroethyl)ether

Concen: 40.576 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF131828.D

Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

Tgt Ion: 93 Resp: 201274

Ion Ratio Lower Upper

93 100

63 76.9 57.6 97.6

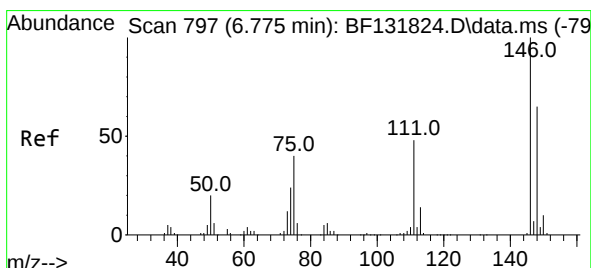
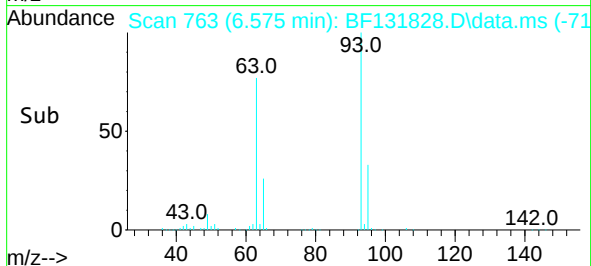
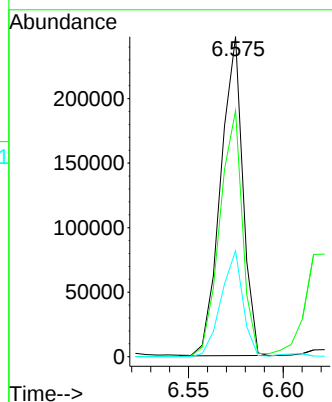
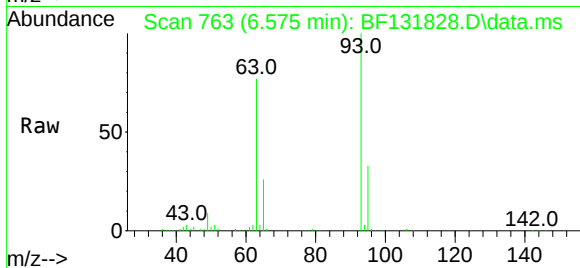
95 33.1 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Yogesh Patel 12/28/2022



#12

1,3-Dichlorobenzene

Concen: 40.872 ng

RT: 6.775 min Scan# 797

Delta R.T. 0.000 min

Lab File: BF131828.D

Acq: 24 Dec 2022 16:36

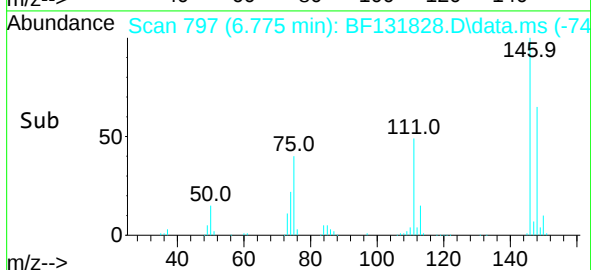
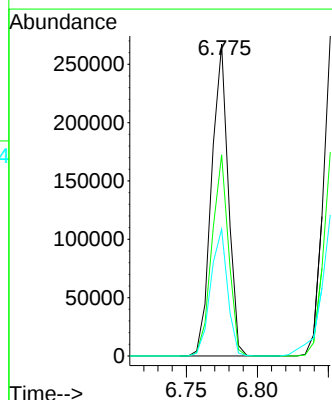
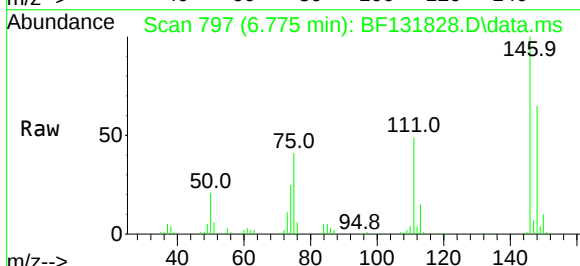
Tgt Ion:146 Resp: 218174

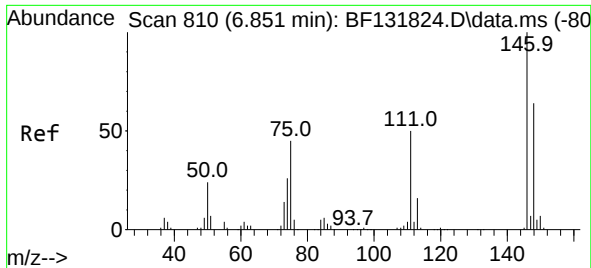
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

75 40.7 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 40.920 ng

RT: 6.851 min Scan# 810

Delta R.T. 0.000 min

Lab File: BF131828.D

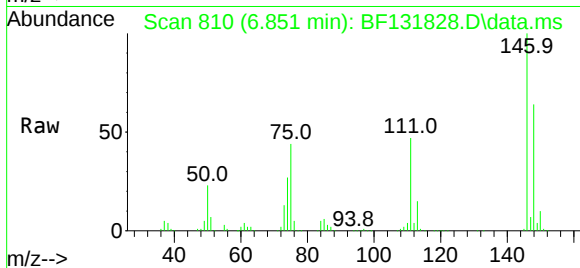
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422



Tgt Ion:146 Resp: 22013

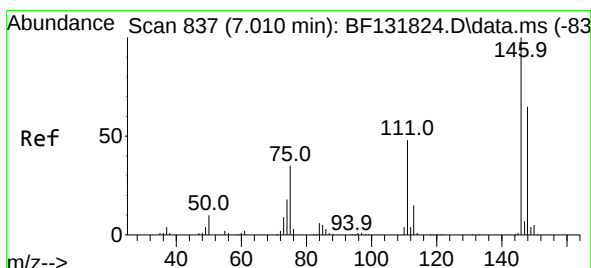
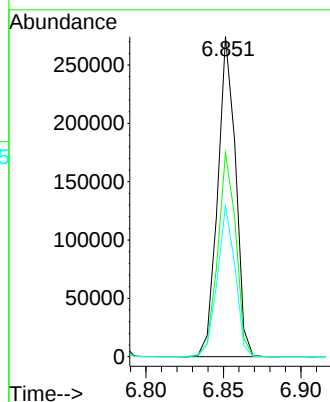
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
111	47.2	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Yogesh Patel 12/28/2022



#14

1,2-Dichlorobenzene

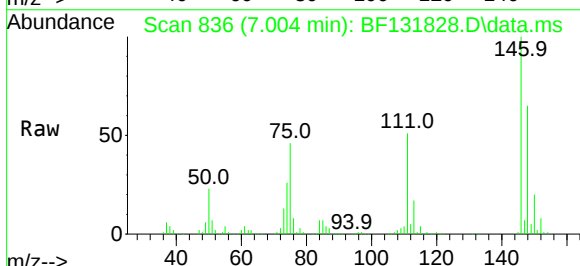
Concen: 40.783 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

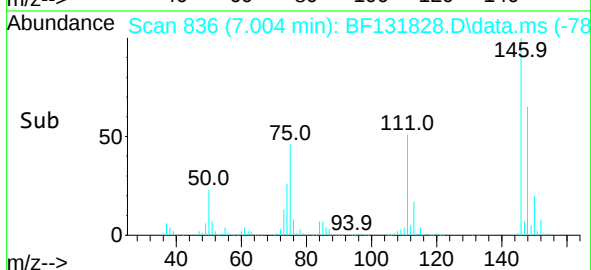
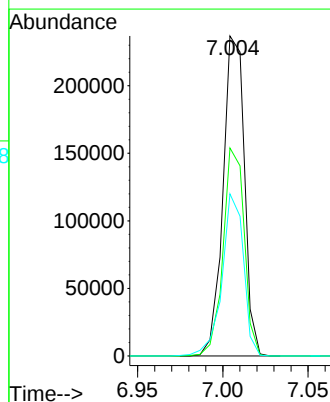
Lab File: BF131828.D

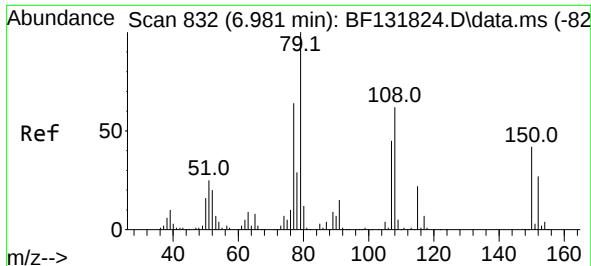
Acq: 24 Dec 2022 16:36



Tgt Ion:146 Resp: 206153

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.4
111	50.7	38.2	57.4





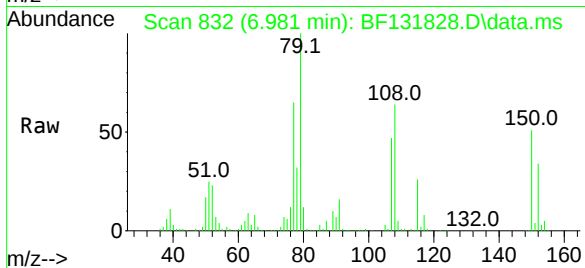
#15
Benzyl Alcohol
Concen: 41.487 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

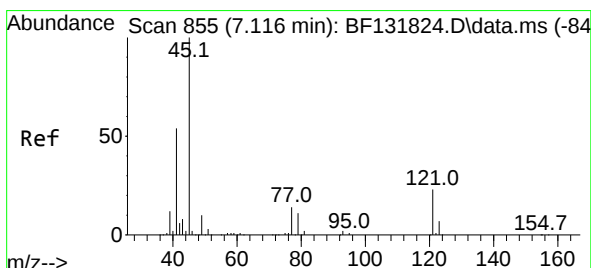
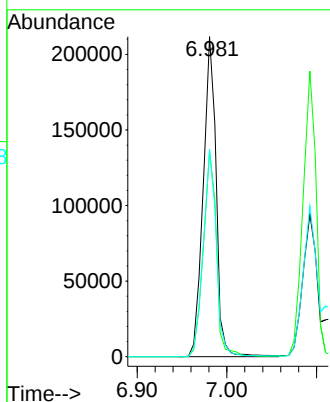
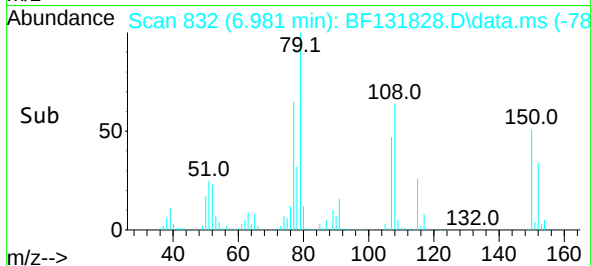
ICVBF122422



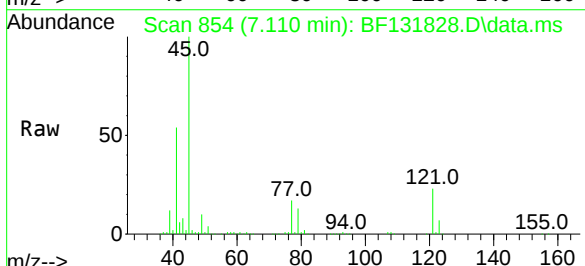
Tgt Ion: 79 Resp: 211915
Ion Ratio Lower Upper
79 100
108 64.3 49.8 74.8
77 64.8 51.4 77.0

Manual Integrations
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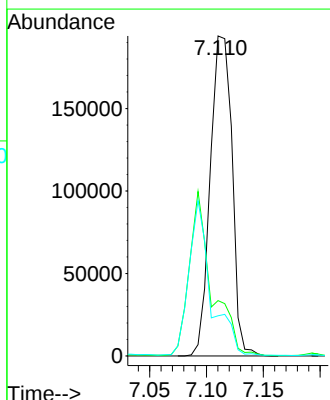
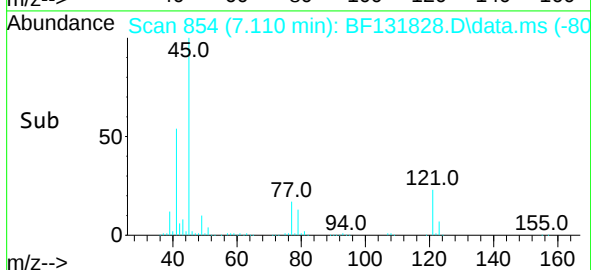
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

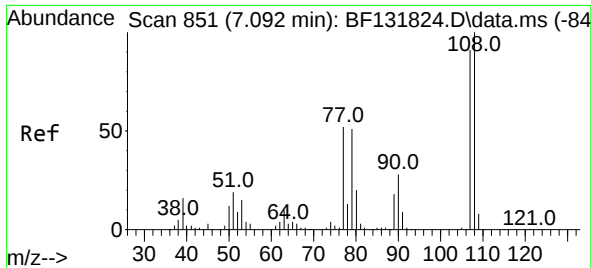


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.859 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion: 45 Resp: 258643
Ion Ratio Lower Upper
45 100
77 17.3 0.0 36.1
79 12.5 0.0 33.3





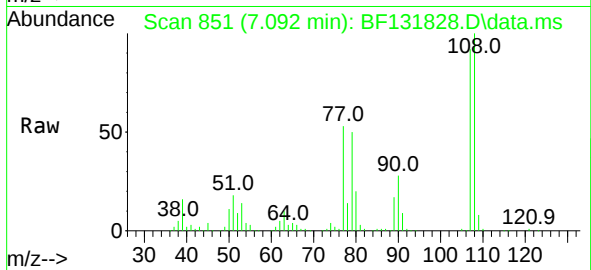
#17
2-Methylphenol
Concen: 40.897 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

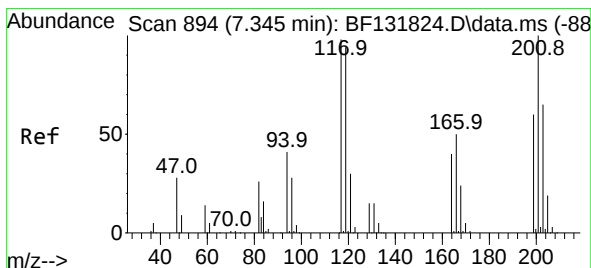
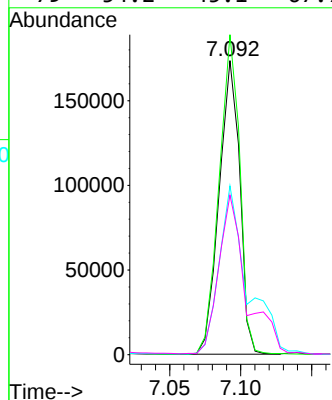


Tgt Ion:107 Resp: 174640
Ion Ratio Lower Upper
107 100
108 108.8 87.6 131.4
77 57.4 45.8 68.8
79 54.2 45.1 67.7

Manual Integrations

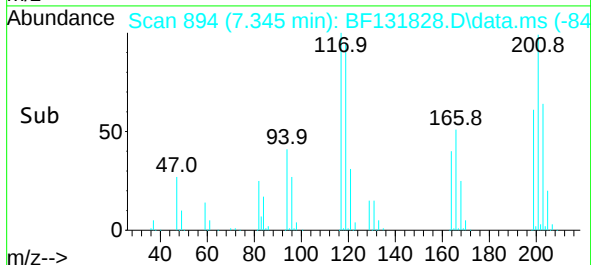
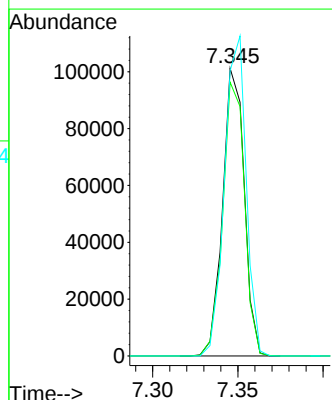
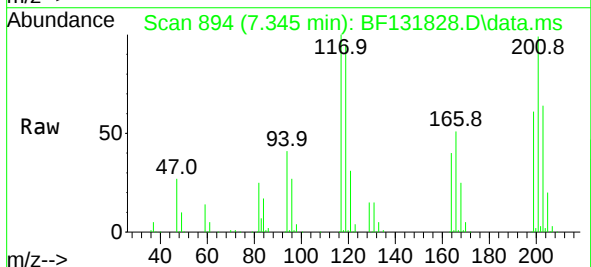
APPROVED

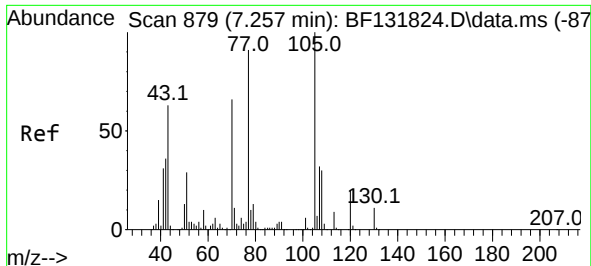
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#18
Hexachloroethane
Concen: 41.140 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Tgt Ion:117 Resp: 89366
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7
201 99.2 81.7 122.5





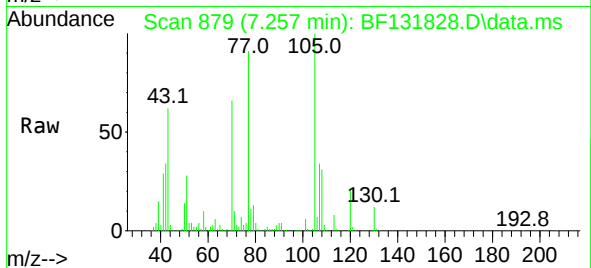
#19
n-Nitroso-di-n-propylamine
Concen: 40.081 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

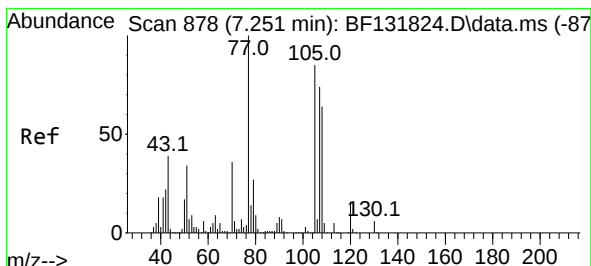
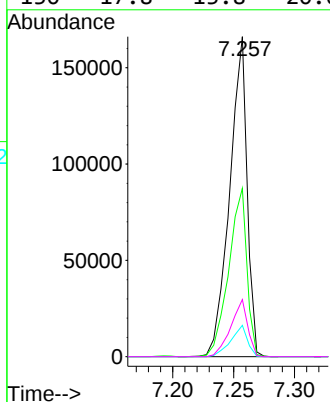
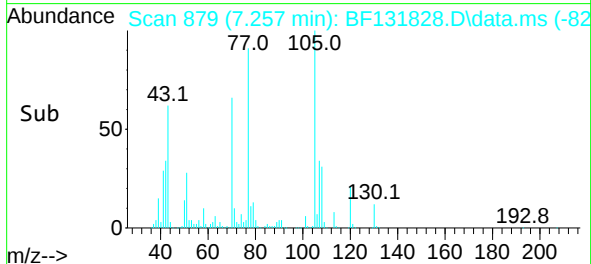


Tgt Ion: 70 Resp: 16488
Ion Ratio Lower Upper
70 100
42 52.6 43.8 65.6
101 9.8 7.4 11.0
130 17.8 13.8 20.6

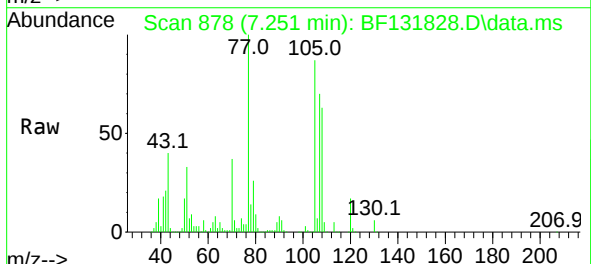
Manual Integrations

APPROVED

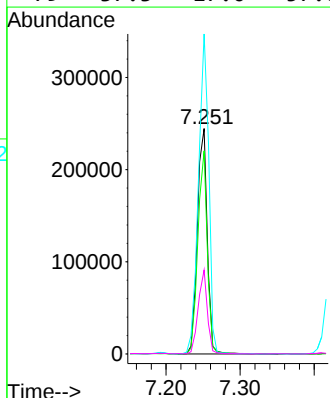
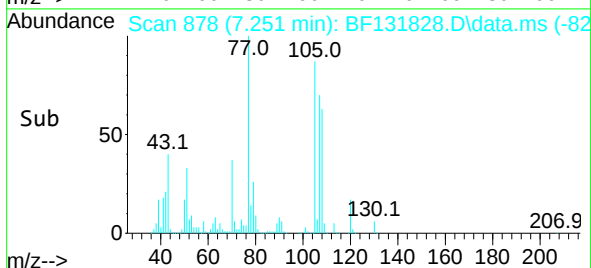
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

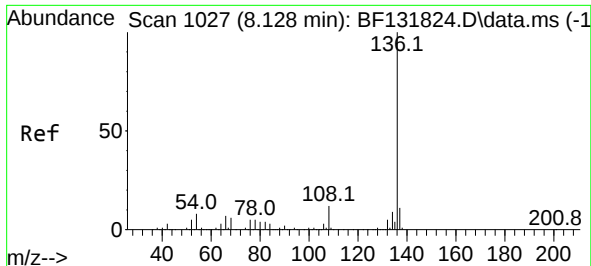


#20
3+4-Methylphenols
Concen: 40.705 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion:107 Resp: 226800
Ion Ratio Lower Upper
107 100
108 90.1 67.1 107.1
77 142.0 114.9 154.9
79 37.3 17.0 57.0





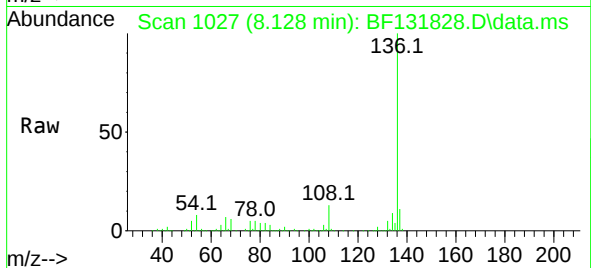
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

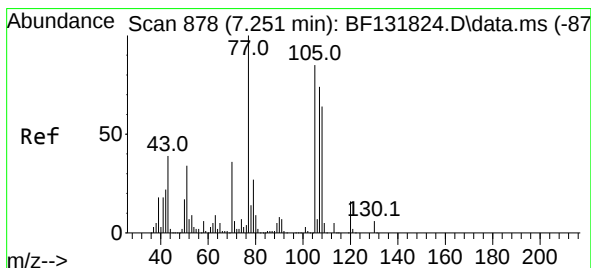
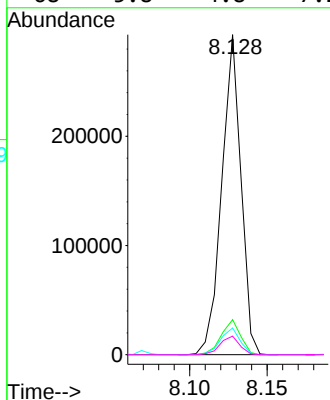
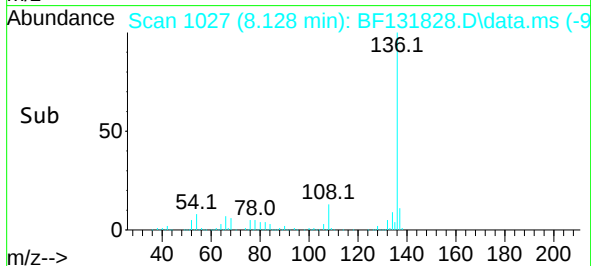


Tgt Ion:136 Resp: 25221
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.4 6.7 10.1
68 5.8 4.8 7.2

Manual Integrations

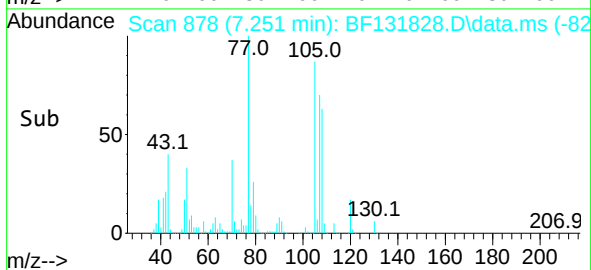
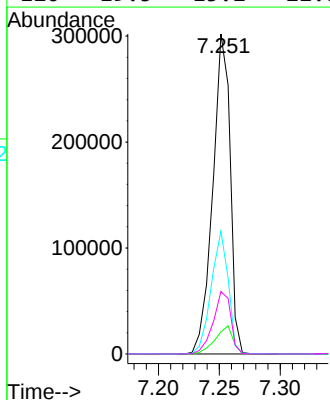
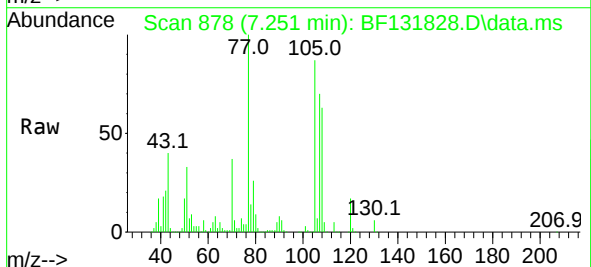
APPROVED

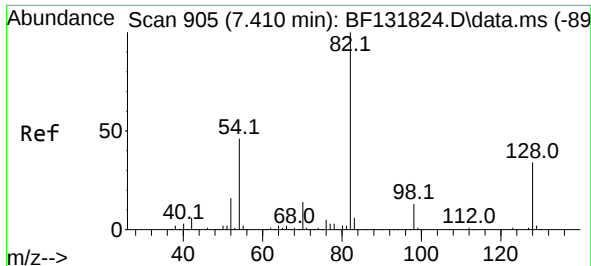
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#22
Acetophenone
Concen: 40.440 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Tgt Ion:105 Resp: 299017
Ion Ratio Lower Upper
105 100
71 6.9 5.4 8.0
51 38.4 31.9 47.9
120 19.5 15.2 22.8





#23

Nitrobenzene-d5

Concen: 82.491 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF131828.D

Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

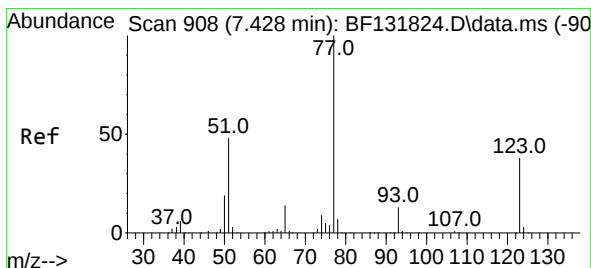
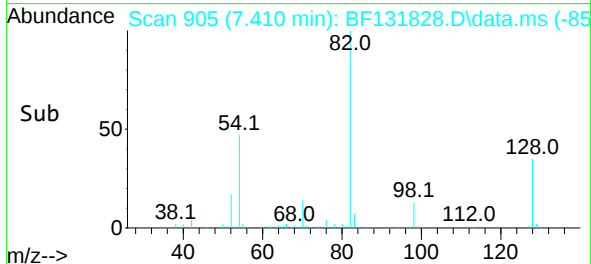
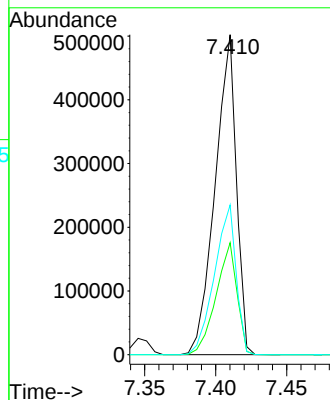
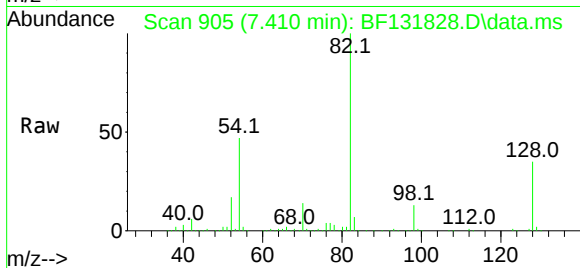
Tgt Ion: 82 Resp: 521099

Ion	Ratio	Lower	Upper
82	100		
128	35.0	27.1	40.7
54	46.8	37.0	55.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#24

Nitrobenzene

Concen: 41.169 ng

RT: 7.428 min Scan# 908

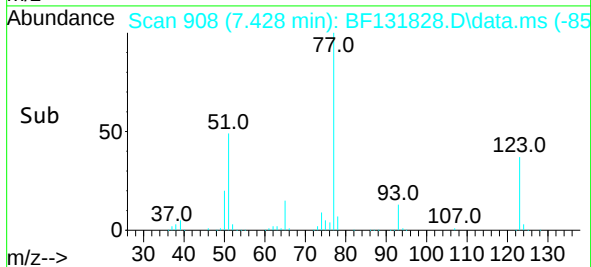
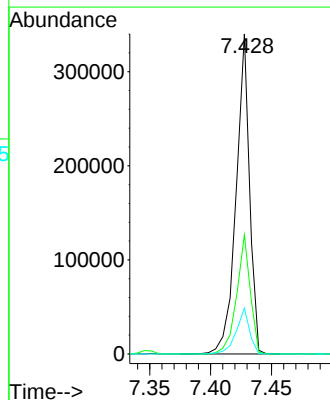
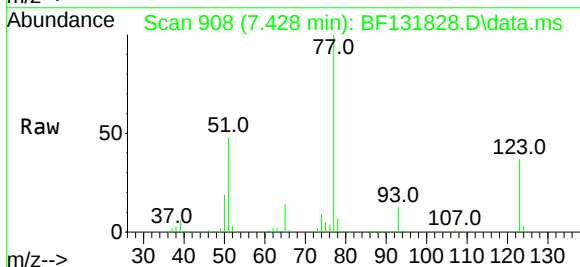
Delta R.T. 0.000 min

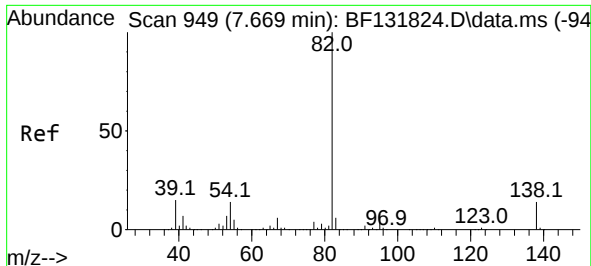
Lab File: BF131828.D

Acq: 24 Dec 2022 16:36

Tgt Ion: 77 Resp: 260632

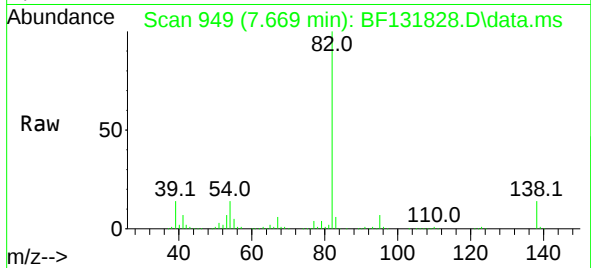
Ion	Ratio	Lower	Upper
77	100		
123	37.2	30.4	45.6
65	14.4	11.1	16.7





#25
Isophorone
Concen: 40.901 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

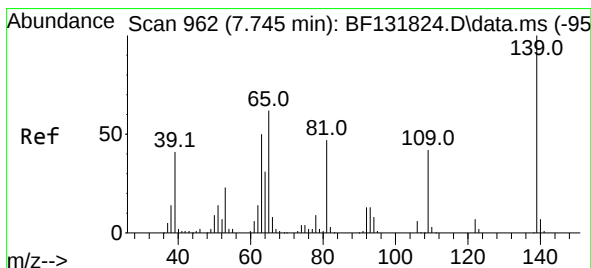
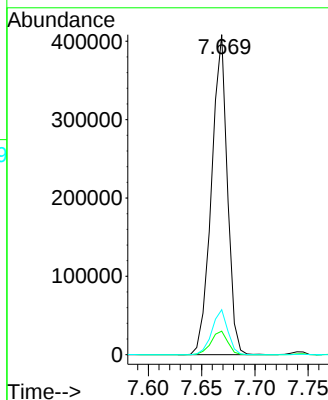
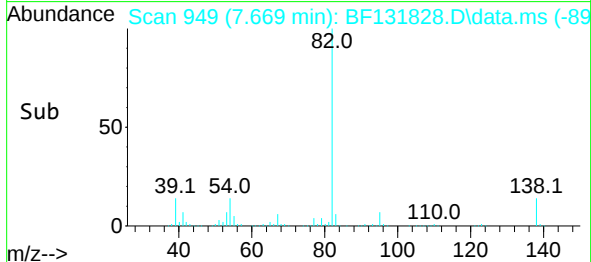
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



Tgt Ion: 82 Resp: 421939
Ion Ratio Lower Upper
82 100
95 7.3 6.2 9.4
138 14.1 11.5 17.3

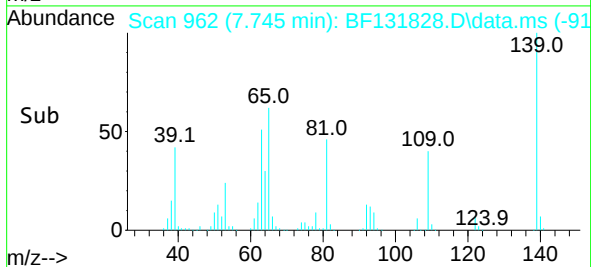
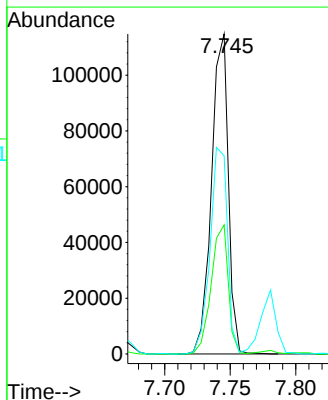
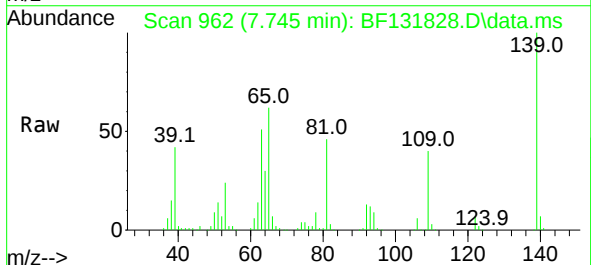
Manual Integrations
APPROVED

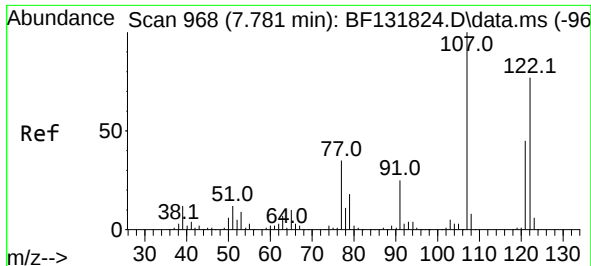
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#26
2-Nitrophenol
Concen: 41.597 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Tgt Ion:139 Resp: 102389
Ion Ratio Lower Upper
139 100
109 40.4 33.7 50.5
65 61.9 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 41.089 ng

RT: 7.781 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF131828.D

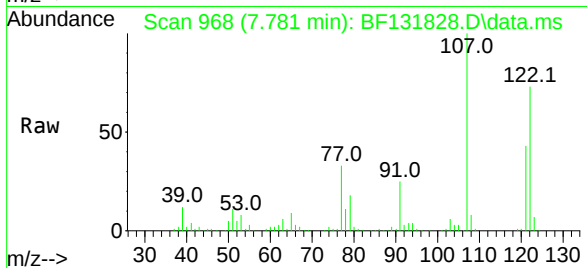
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422



Tgt Ion:122 Resp: 14426

Ion Ratio Lower Upper

122 100

107 137.5 104.4 156.6

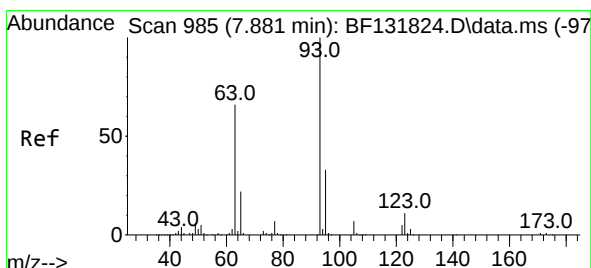
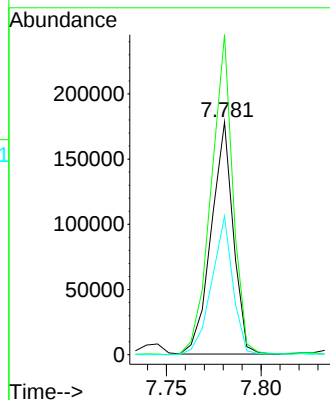
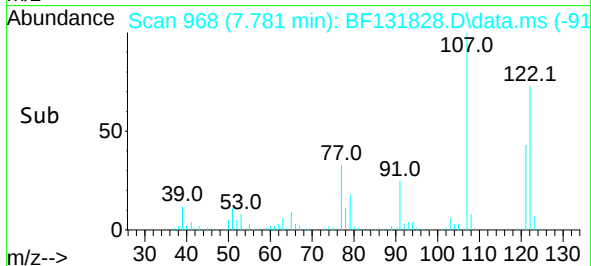
121 59.5 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Yogesh Patel 12/28/2022



#28

bis(2-Chloroethoxy)methane

Concen: 40.715 ng

RT: 7.881 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF131828.D

Acq: 24 Dec 2022 16:36

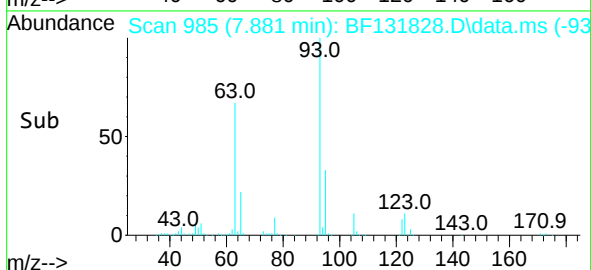
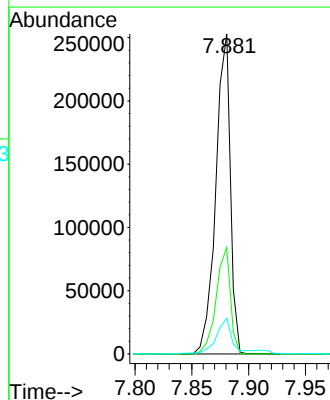
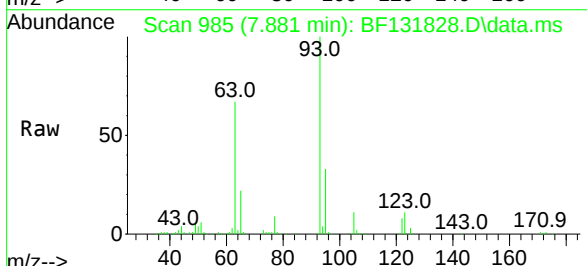
Tgt Ion: 93 Resp: 225337

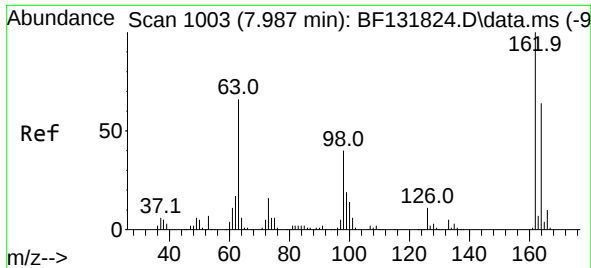
Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

123 11.2 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 41.310 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF131828.D

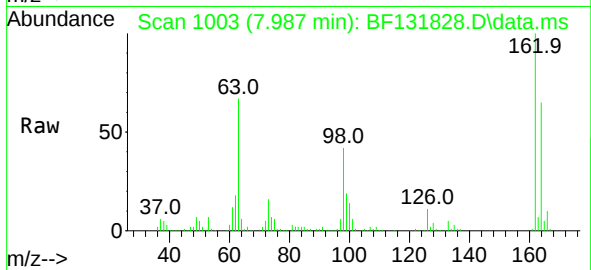
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422



Tgt Ion:162 Resp: 17474

Ion Ratio Lower Upper

162 100

164 64.9 44.1 84.1

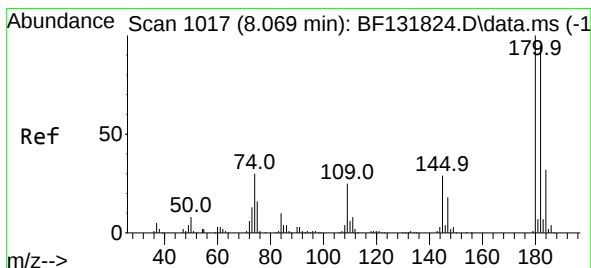
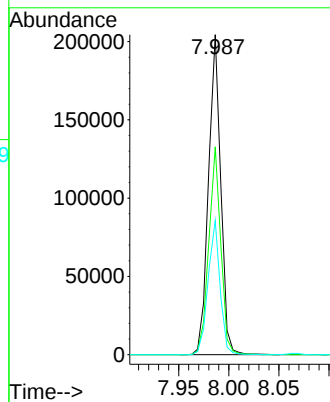
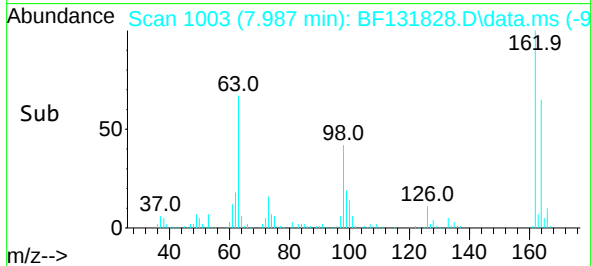
98 41.9 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Yogesh Patel 12/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.110 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF131828.D

Acq: 24 Dec 2022 16:36

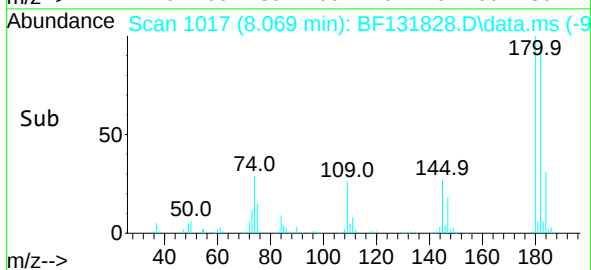
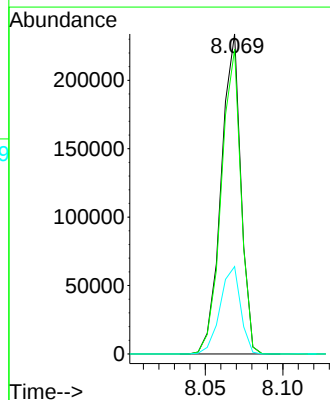
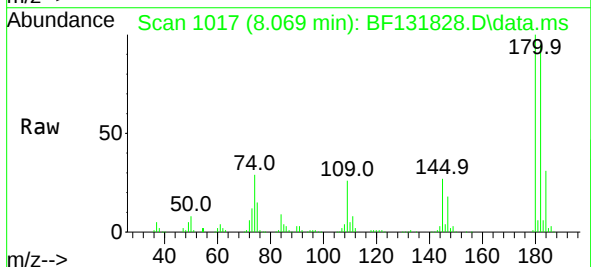
Tgt Ion:180 Resp: 206179

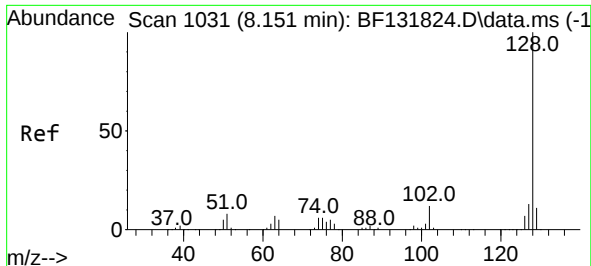
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.4

145 27.3 23.3 34.9





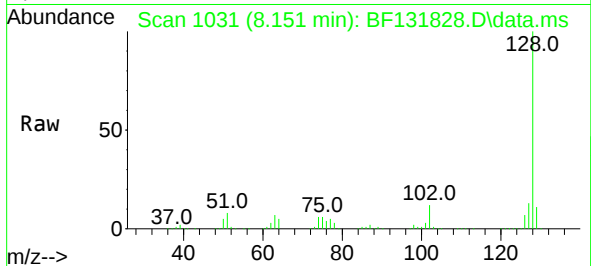
#31
Naphthalene
Concen: 41.130 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

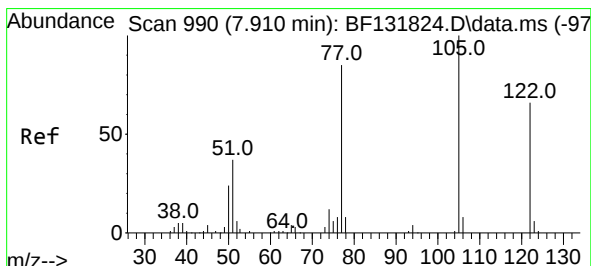
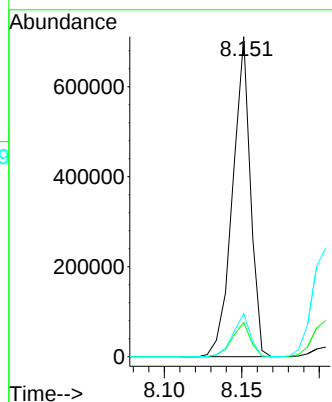


Tgt Ion:128 Resp: 56810
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.5 10.6 15.8

Manual Integrations

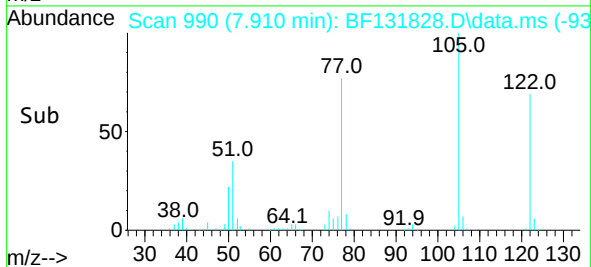
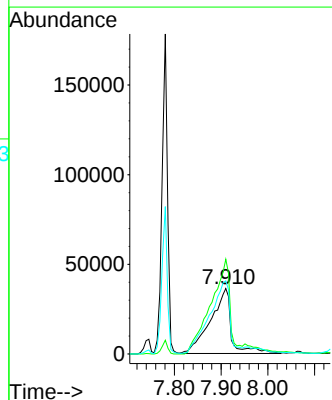
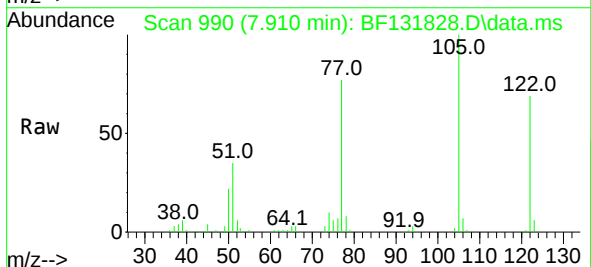
APPROVED

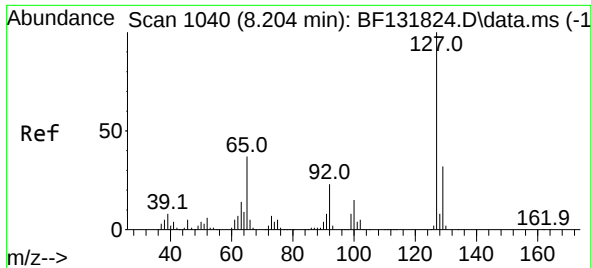
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#32
Benzoic acid
Concen: 44.263 ng m
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Tgt Ion:122 Resp: 113591
Ion Ratio Lower Upper
122 100
105 144.8 127.9 167.9
77 111.9 106.9 146.9





#33
4-Chloroaniline
Concen: 41.331 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

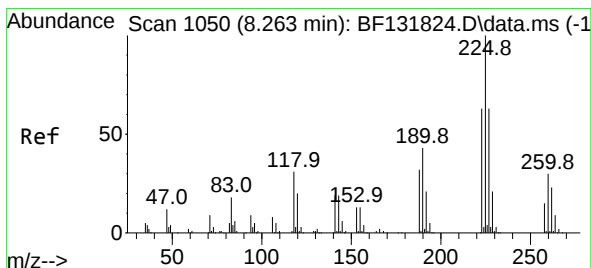
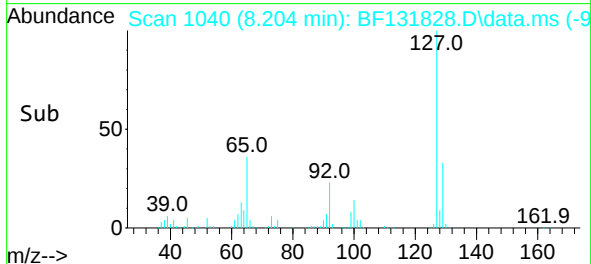
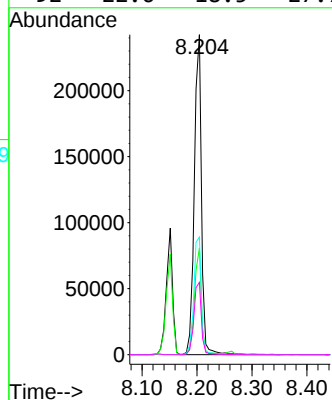
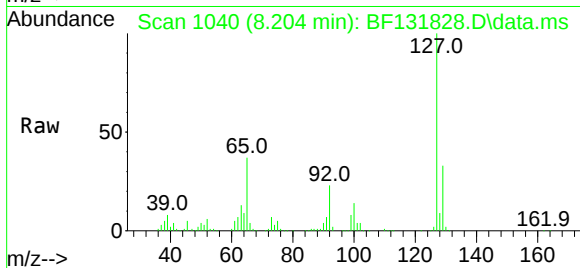
ClientSampleId :

ICVBF122422

Tgt Ion:127 Resp: 219040
Ion Ratio Lower Upper
127 100
129 33.3 25.8 38.8
65 36.8 29.7 44.5
92 22.6 18.5 27.7

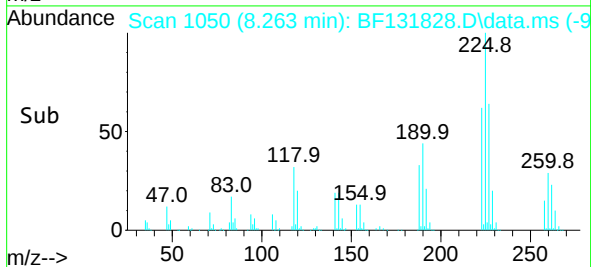
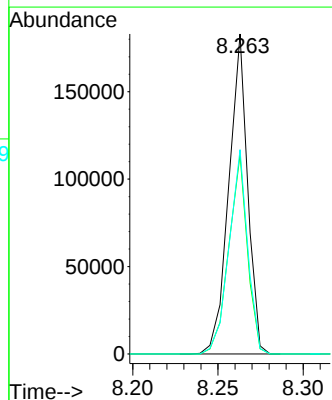
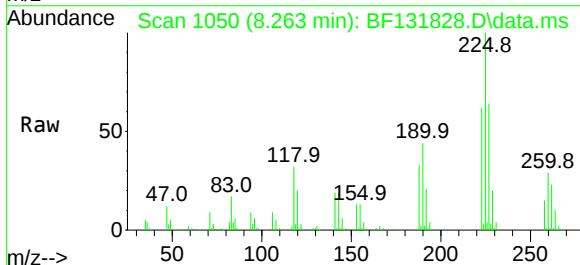
Manual Integrations
APPROVED

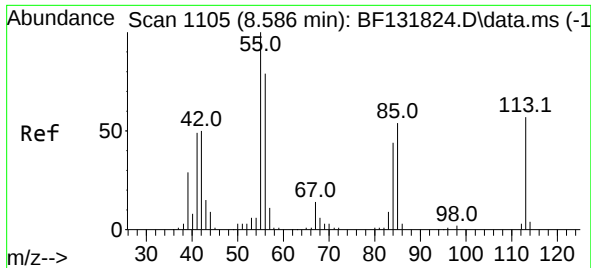
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#34
Hexachlorobutadiene
Concen: 40.965 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Tgt Ion:225 Resp: 140561
Ion Ratio Lower Upper
225 100
223 62.2 50.0 75.0
227 63.9 50.8 76.2





#35
Caprolactam
Concen: 41.313 ng
RT: 8.586 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

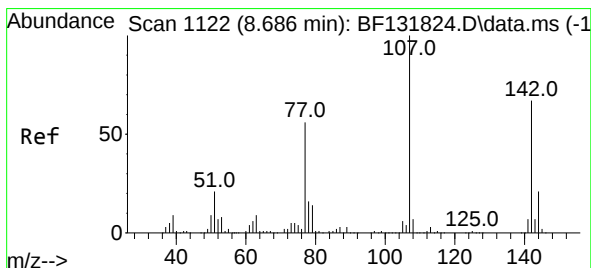
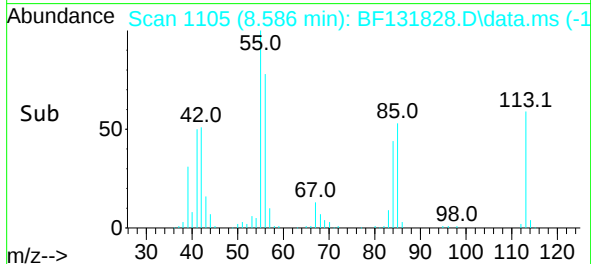
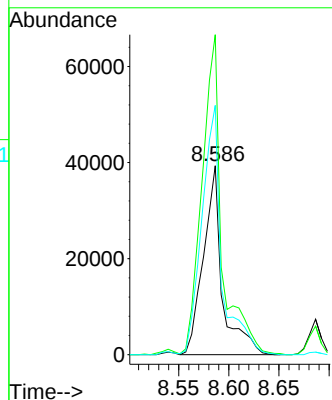
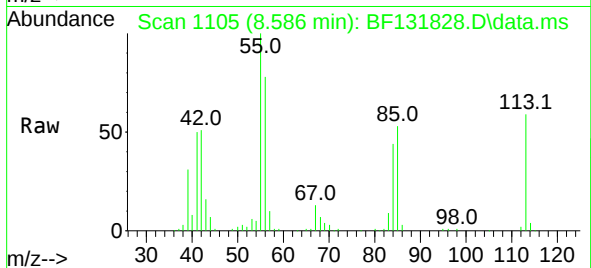
ClientSampleId :

ICVBF122422

Tgt Ion:113 Resp: 5174
Ion Ratio Lower Upper
113 100
55 169.4 153.3 193.3
56 132.0 116.3 156.3

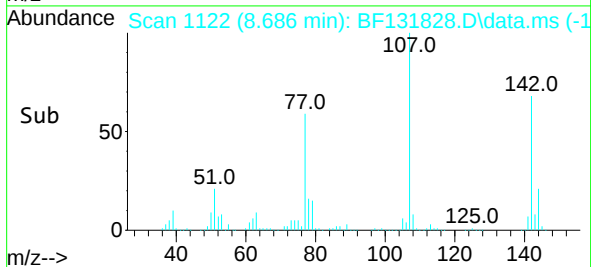
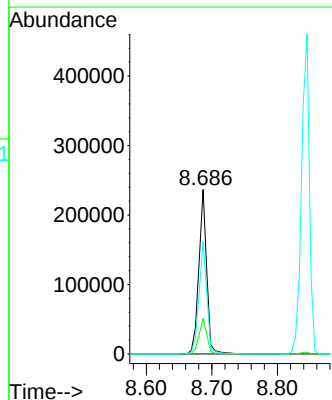
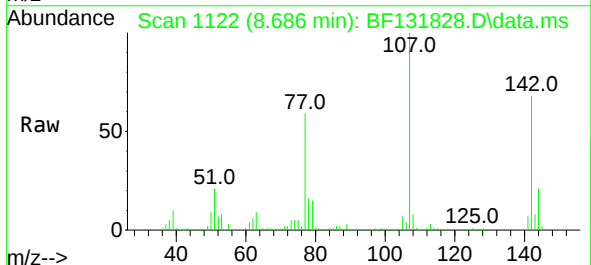
Manual Integrations
APPROVED

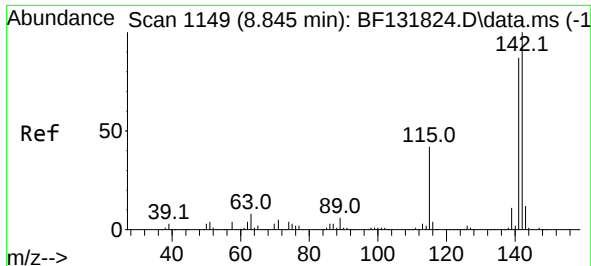
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#36
4-Chloro-3-methylphenol
Concen: 41.457 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Tgt Ion:107 Resp: 198198
Ion Ratio Lower Upper
107 100
144 21.3 16.8 25.2
142 68.2 53.8 80.8





#37

2-Methylnaphthalene

Concen: 41.171 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF131828.D

Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

Tgt Ion:142 Resp: 38166

Ion Ratio Lower Upper

142 100

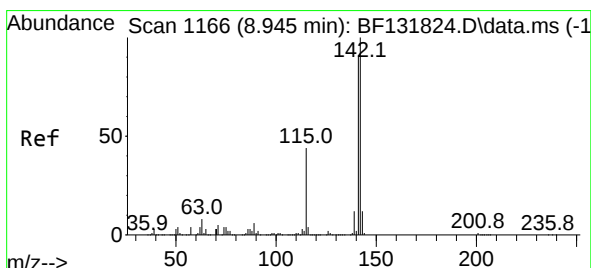
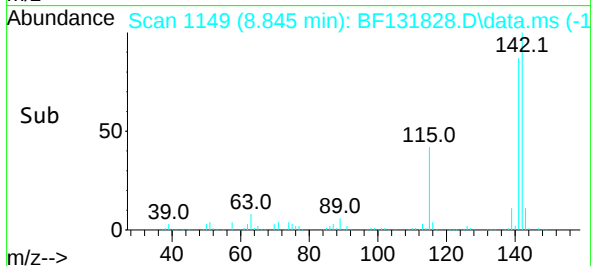
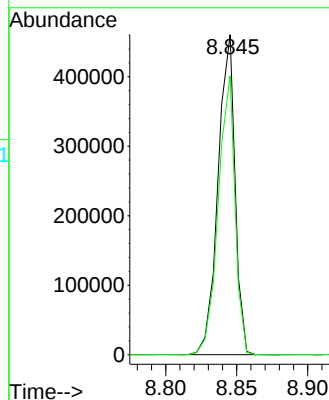
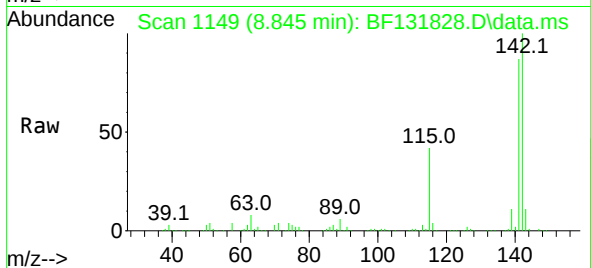
141 87.2 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Yogesh Patel 12/28/2022



#38

1-Methylnaphthalene

Concen: 40.945 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF131828.D

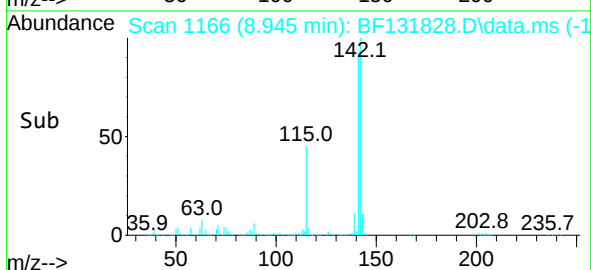
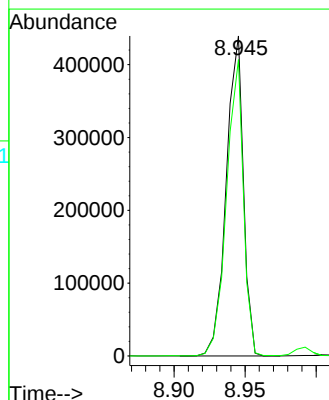
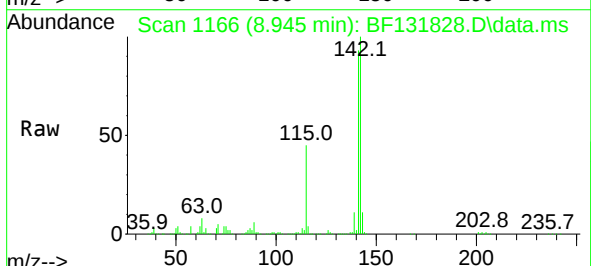
Acq: 24 Dec 2022 16:36

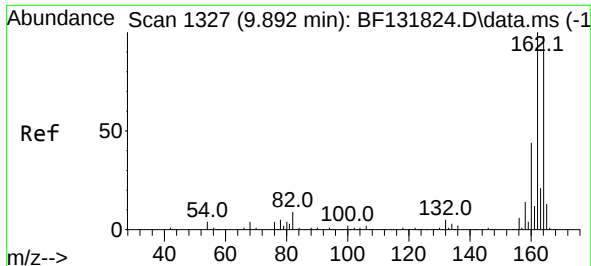
Tgt Ion:142 Resp: 368683

Ion Ratio Lower Upper

142 100

141 92.6 73.0 109.6





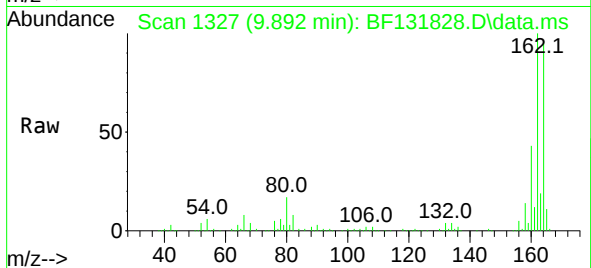
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

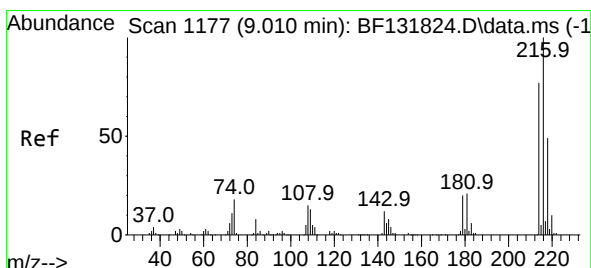
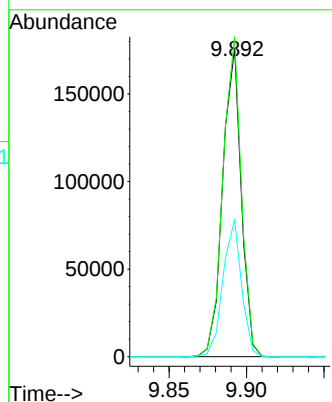
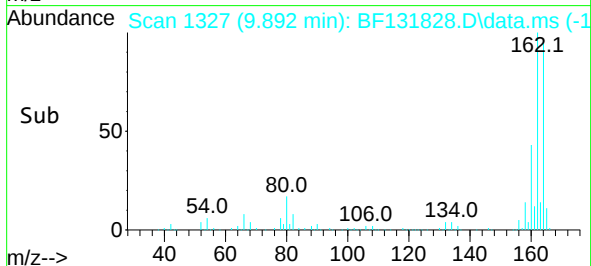


Tgt Ion:164 Resp: 146742
Ion Ratio Lower Upper
164 100
162 103.7 81.8 122.6
160 44.3 35.7 53.5

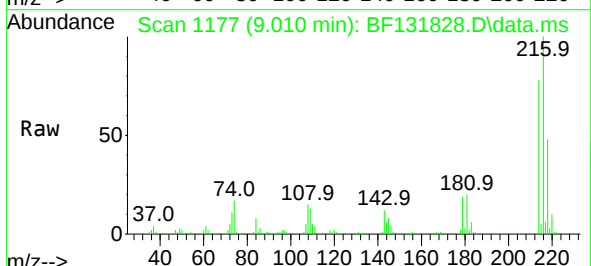
Manual Integrations

APPROVED

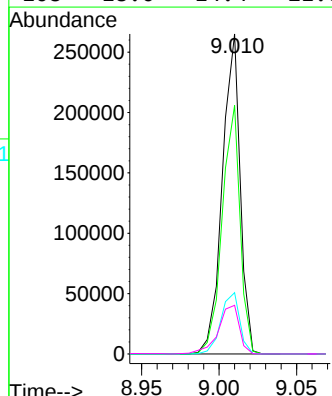
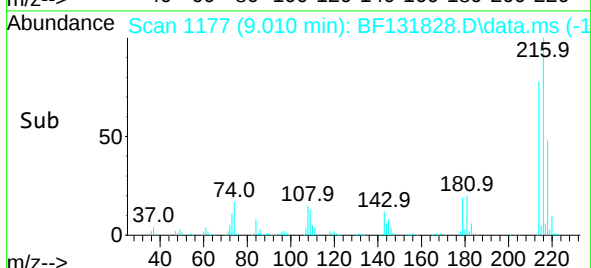
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

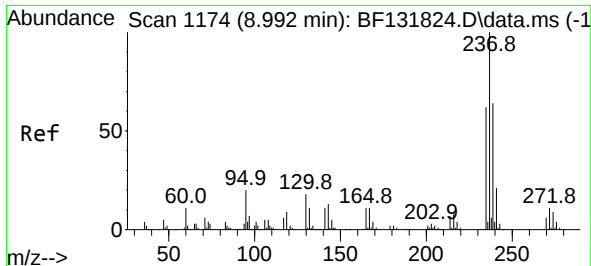


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.192 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



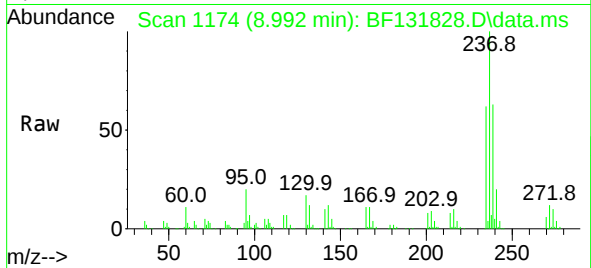
Tgt Ion:216 Resp: 212242
Ion Ratio Lower Upper
216 100
214 77.7 63.0 94.4
179 20.2 16.4 24.6
108 18.0 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 40.059 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

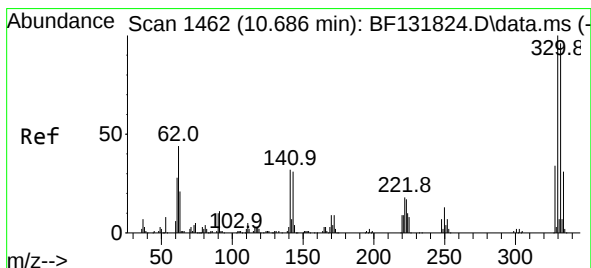
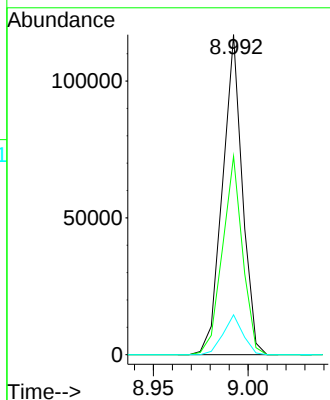
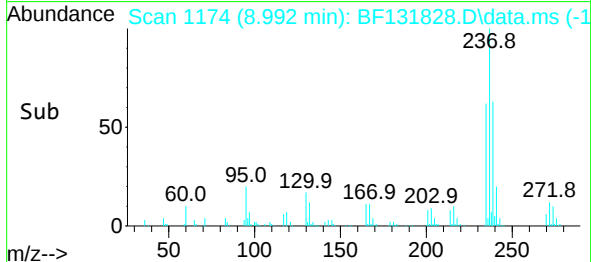
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



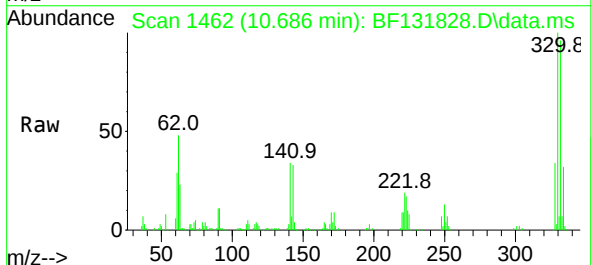
Tgt Ion: 237 Resp: 85000
Ion Ratio Lower Upper
237 100
235 62.0 42.3 82.3
272 12.4 0.0 31.4

Manual Integrations
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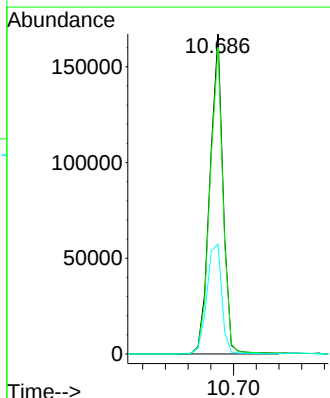
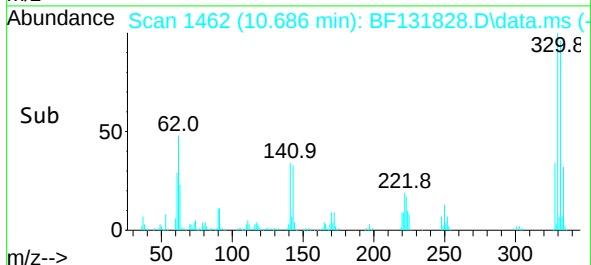
Reviewed By : Christian Giraldo 12/28/2022
Supervised By : Yogesh Patel 12/28/2022

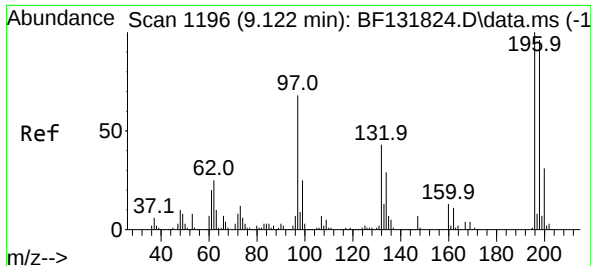


#42
2,4,6-Tribromophenol
Concen: 84.021 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion: 330 Resp: 133959
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 39.1 31.0 46.4





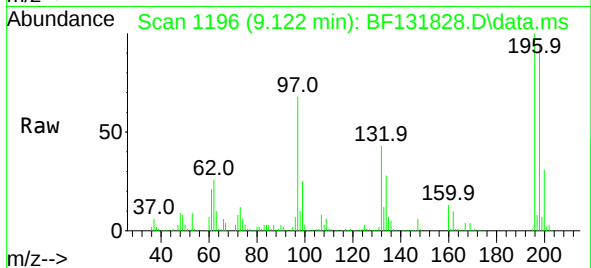
#43
2,4,6-Trichlorophenol
Concen: 41.714 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

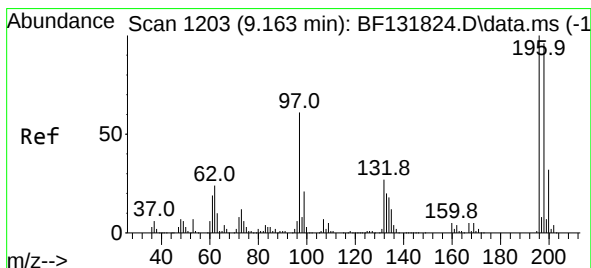
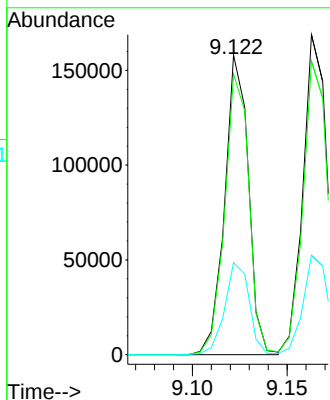
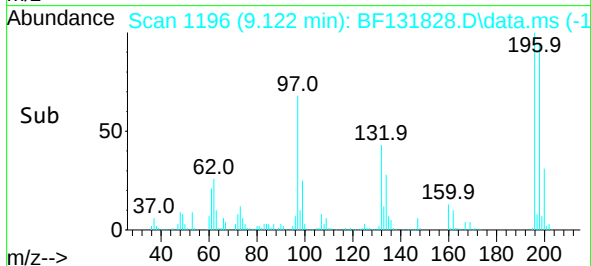


Tgt Ion:196 Resp: 13765
Ion Ratio Lower Upper
196 100
198 93.6 76.5 114.7
200 30.8 24.5 36.7

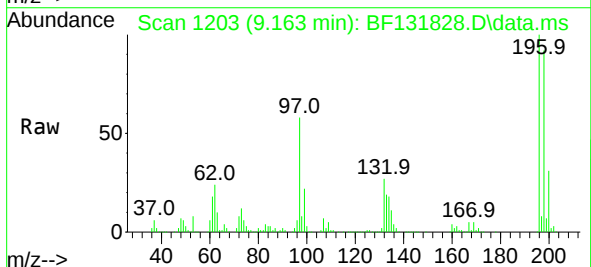
Manual Integrations

APPROVED

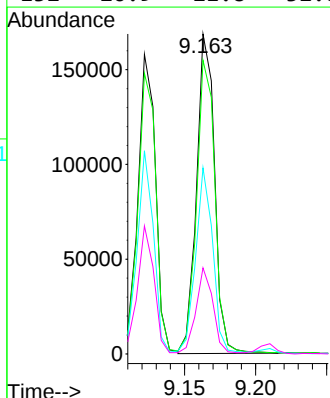
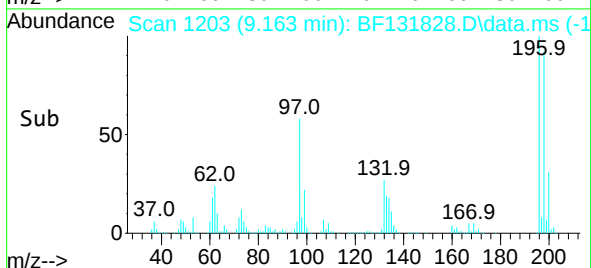
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

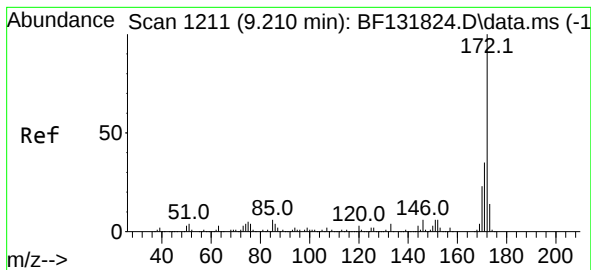


#44
2,4,5-Trichlorophenol
Concen: 41.919 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion:196 Resp: 149534
Ion Ratio Lower Upper
196 100
198 91.8 76.6 115.0
97 58.1 49.3 73.9
132 26.9 21.8 32.8





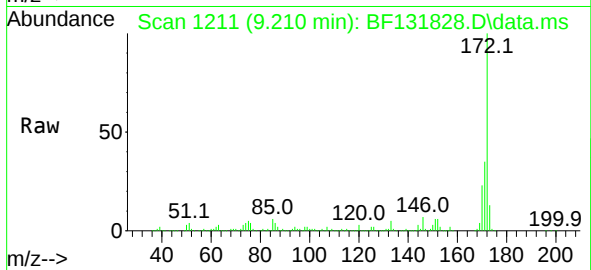
#45
2-Fluorobiphenyl
Concen: 81.420 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

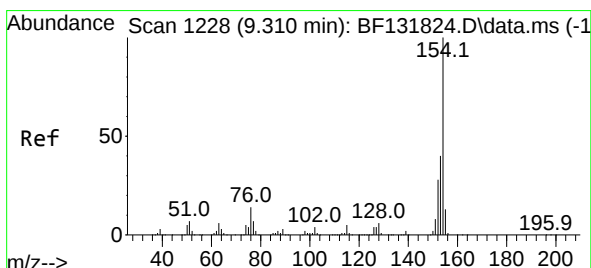
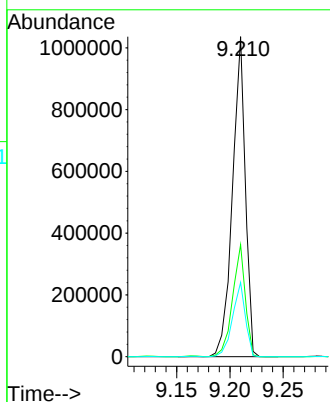
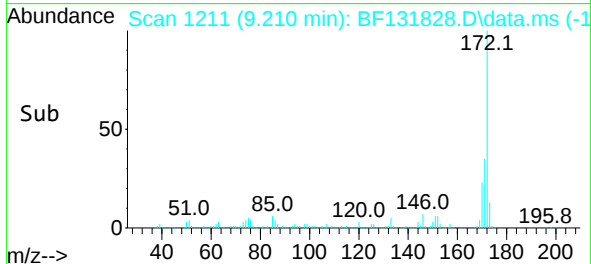
ICVBF122422



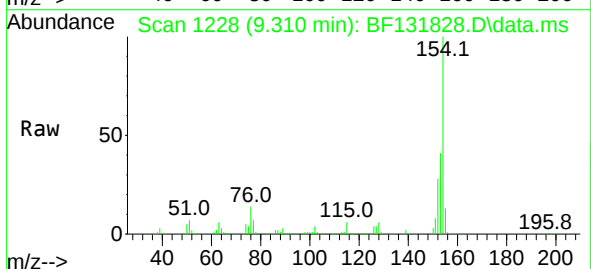
Tgt Ion:172 Resp: 872260
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.2 18.7 28.1

Manual Integrations
APPROVED

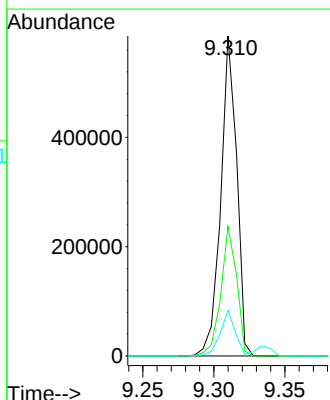
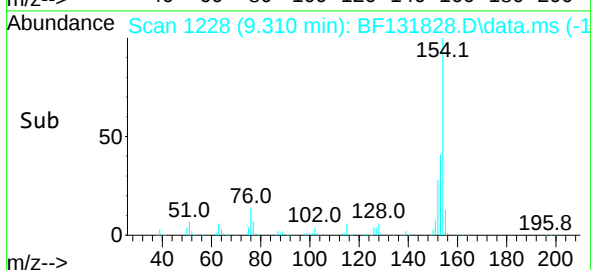
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

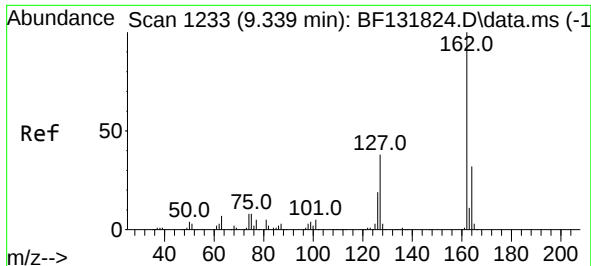


#46
1,1'-Biphenyl
Concen: 40.531 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion:154 Resp: 455349
Ion Ratio Lower Upper
154 100
153 40.5 19.8 59.8
76 14.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 41.315 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131828.D

Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

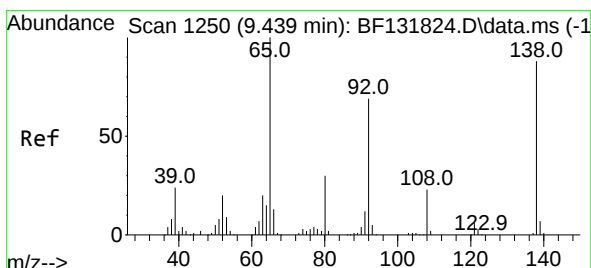
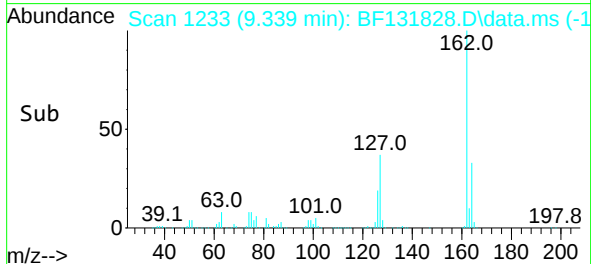
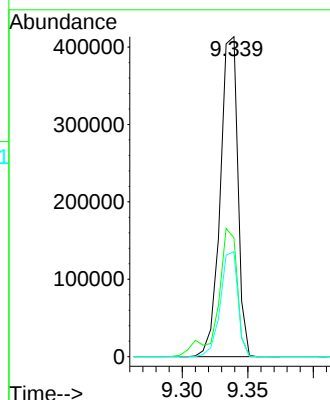
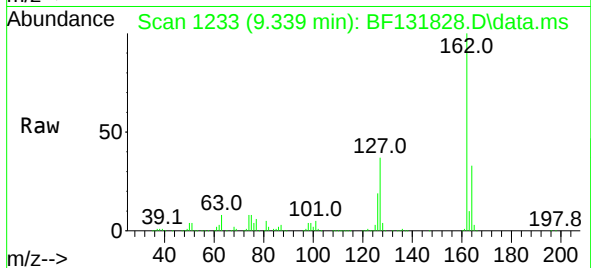
Tgt Ion:162 Resp: 38400

Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.6
164	32.8	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#48

2-Nitroaniline

Concen: 41.605 ng

RT: 9.439 min Scan# 1250

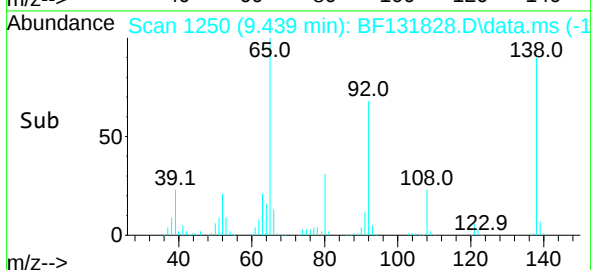
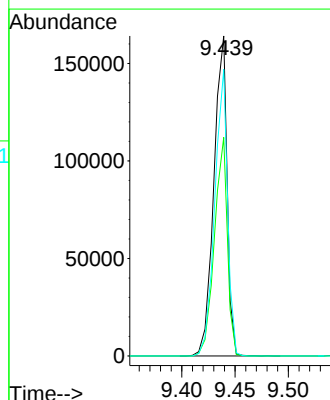
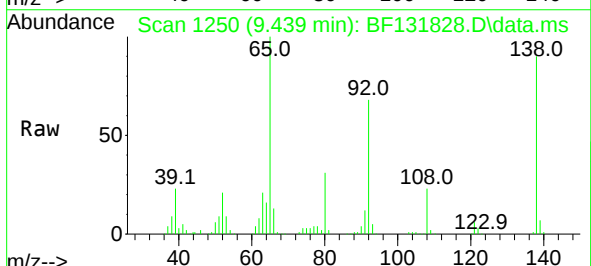
Delta R.T. 0.000 min

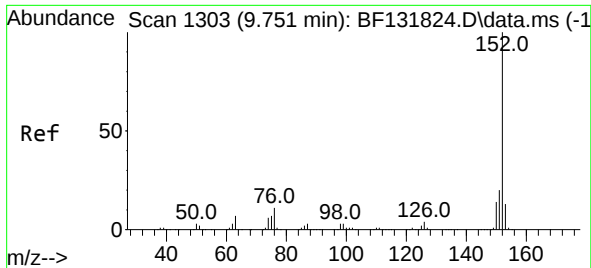
Lab File: BF131828.D

Acq: 24 Dec 2022 16:36

Tgt Ion: 65 Resp: 141740

Ion	Ratio	Lower	Upper
65	100		
92	68.3	55.0	82.6
138	89.5	70.4	105.6





#49
Acenaphthylene
Concen: 41.184 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

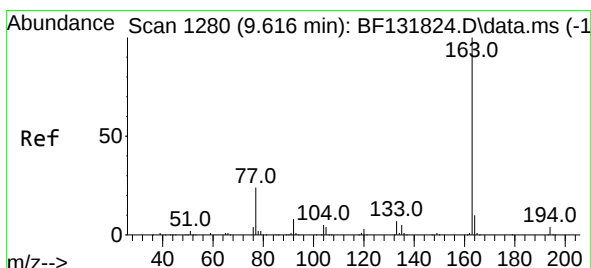
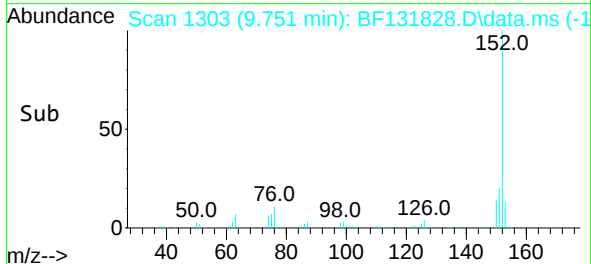
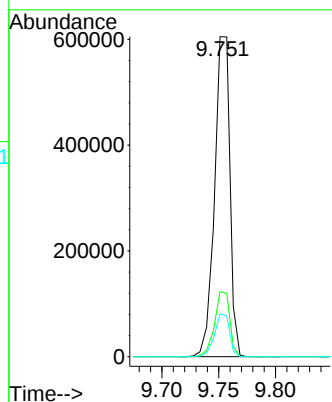
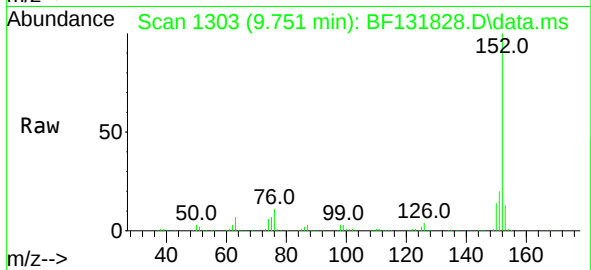
ClientSampleId :

ICVBF122422

Tgt Ion:152 Resp: 56998
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 13.4 10.2 15.4

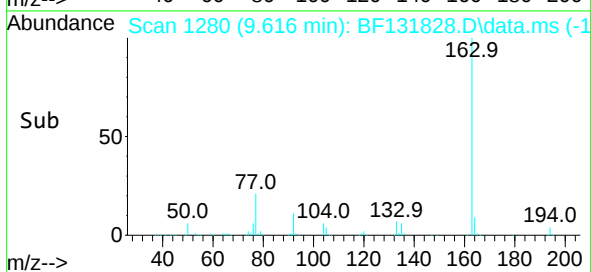
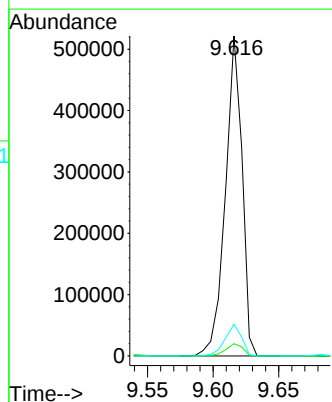
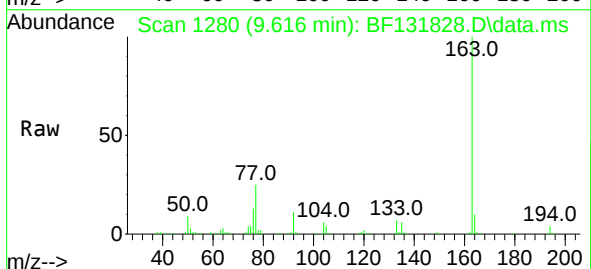
Manual Integrations
APPROVED

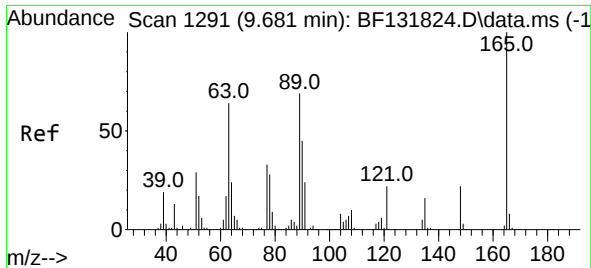
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#50
Dimethylphthalate
Concen: 41.458 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Tgt Ion:163 Resp: 460243
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 42.129 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

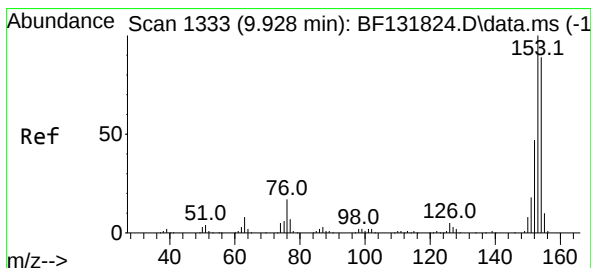
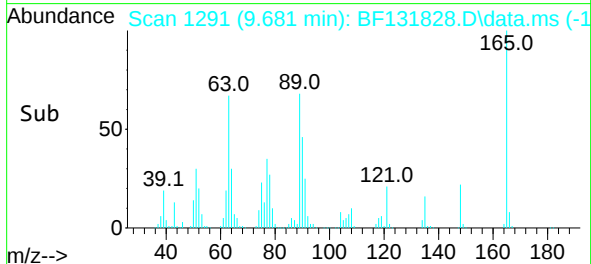
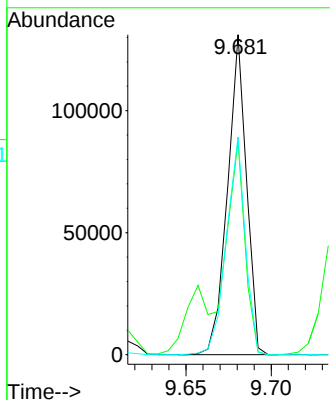
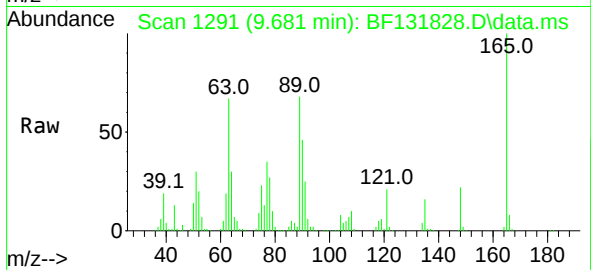
ClientSampleId :

ICVBF122422

Tgt Ion:165 Resp: 101249
Ion Ratio Lower Upper
165 100
63 66.7 55.1 82.7
89 68.0 55.0 82.4

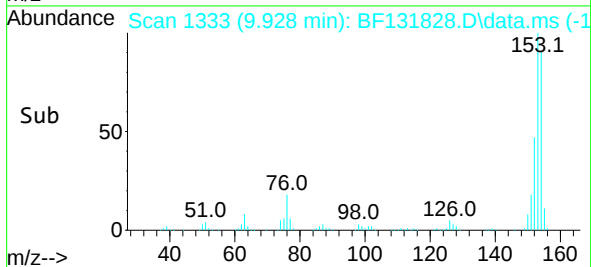
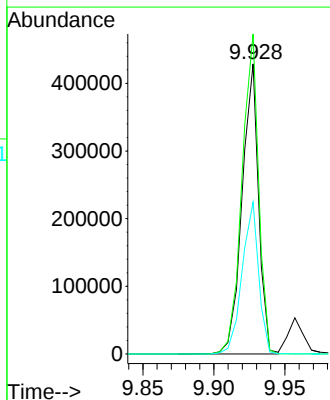
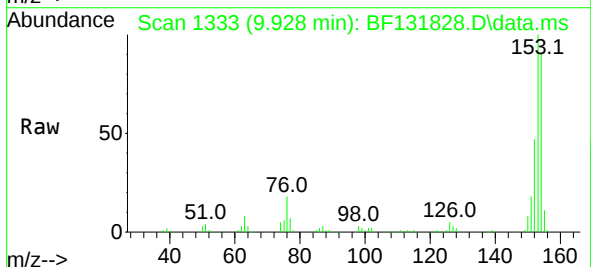
Manual Integrations
APPROVED

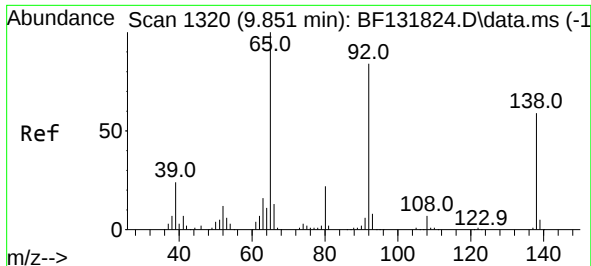
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#52
Acenaphthene
Concen: 41.589 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Tgt Ion:154 Resp: 347380
Ion Ratio Lower Upper
154 100
153 110.3 90.2 135.2
152 52.3 42.5 63.7





#53
3-Nitroaniline
Concen: 41.694 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

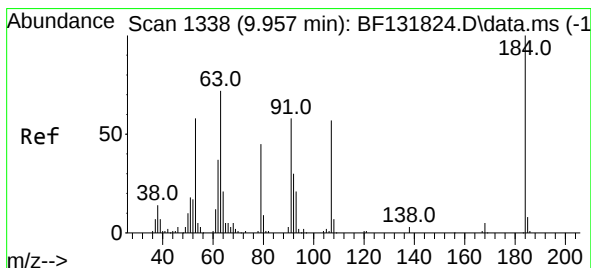
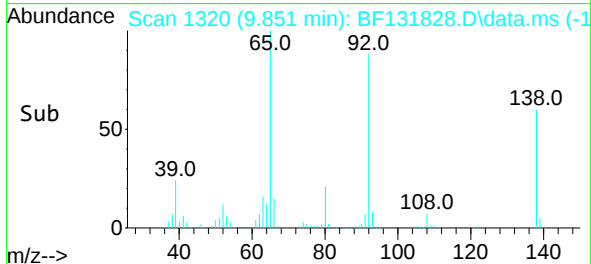
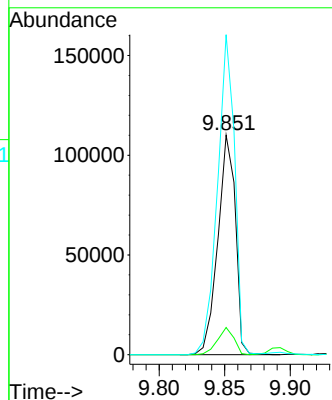
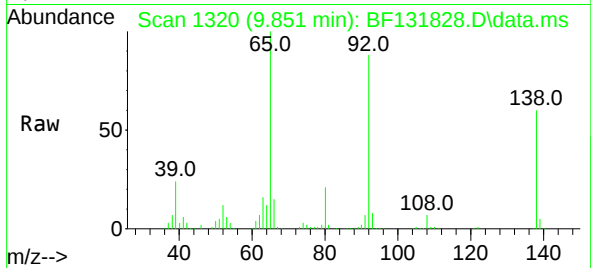
ClientSampleId :

ICVBF122422

Tgt Ion:138 Resp: 10209
Ion Ratio Lower Upper
138 100
108 12.4 9.3 13.9
92 145.8 113.9 170.9

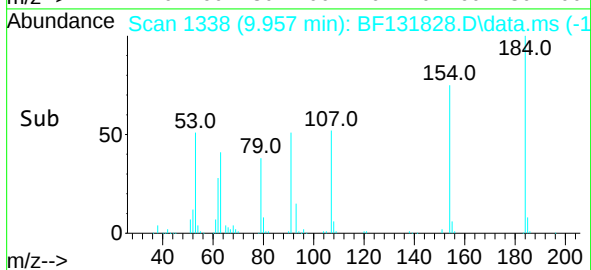
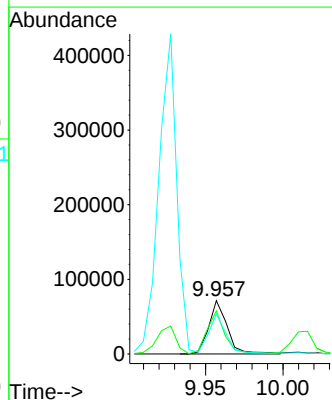
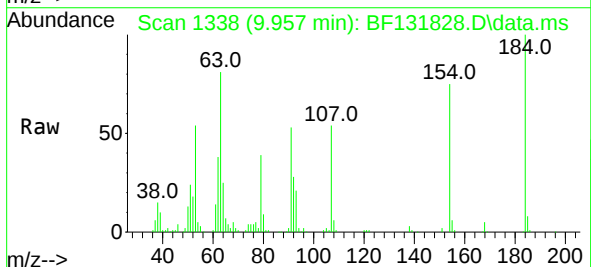
Manual Integrations
APPROVED

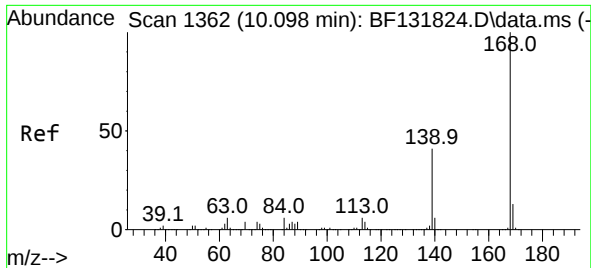
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#54
2,4-Dinitrophenol
Concen: 42.747 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

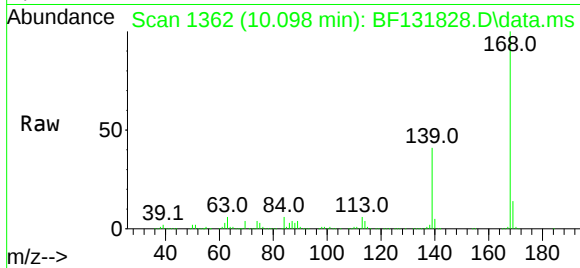
Tgt Ion:184 Resp: 59118
Ion Ratio Lower Upper
184 100
63 80.8 66.8 100.2
154 75.0 61.6 92.4





#55
Dibenzofuran
Concen: 41.396 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

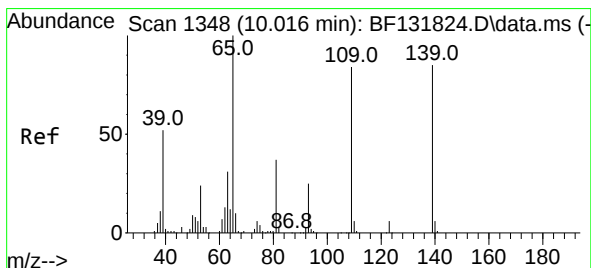
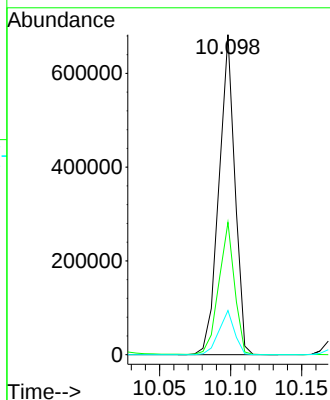
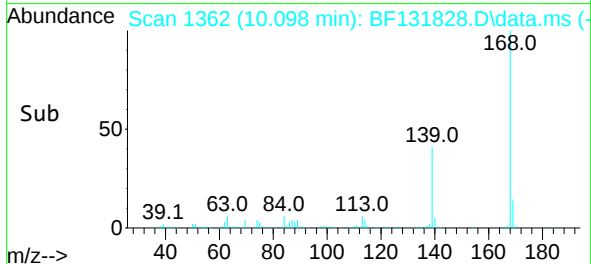
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



Tgt Ion:168 Resp: 532719
Ion Ratio Lower Upper
168 100
139 41.4 32.6 49.0
169 13.8 10.5 15.7

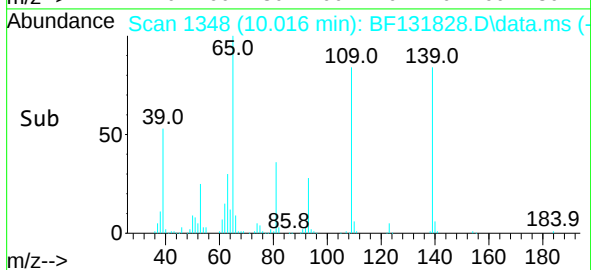
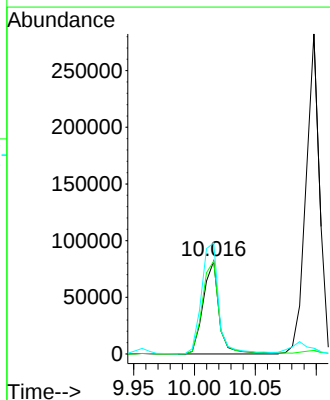
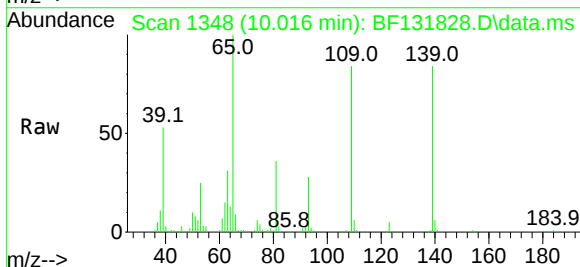
Manual Integrations
APPROVED

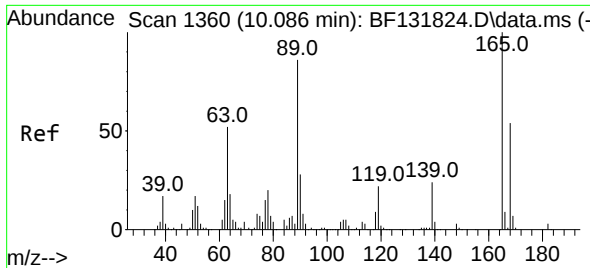
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#56
4-Nitrophenol
Concen: 43.532 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Tgt Ion:139 Resp: 74674
Ion Ratio Lower Upper
139 100
109 100.0 78.5 118.5
65 119.7 97.5 137.5





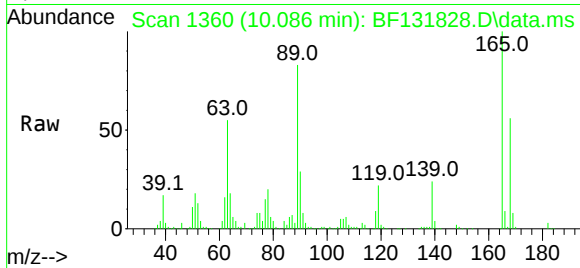
#57
2,4-Dinitrotoluene
Concen: 42.374 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

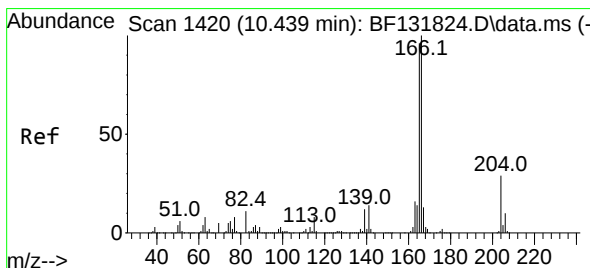
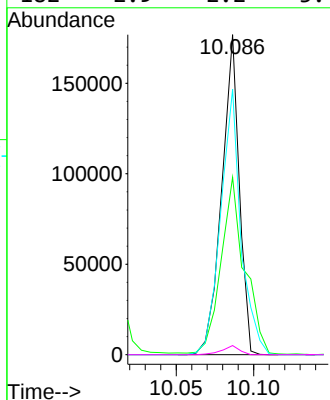
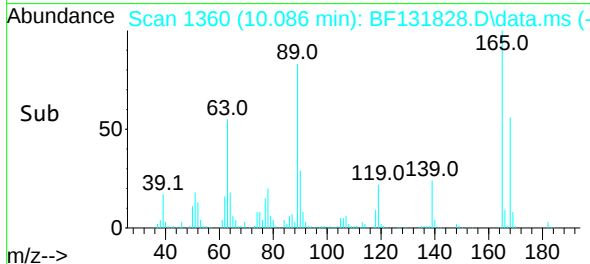


Tgt Ion:165 Resp: 139260
Ion Ratio Lower Upper
165 100
63 55.4 42.1 63.1
89 83.0 69.1 103.7
182 2.9 2.2 3.4

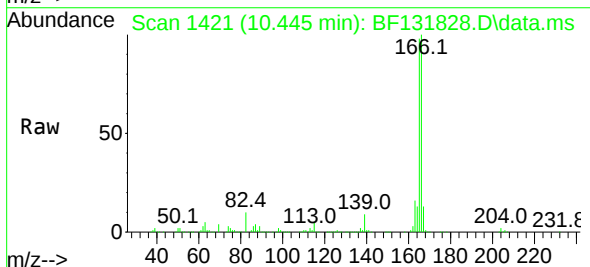
Manual Integrations

APPROVED

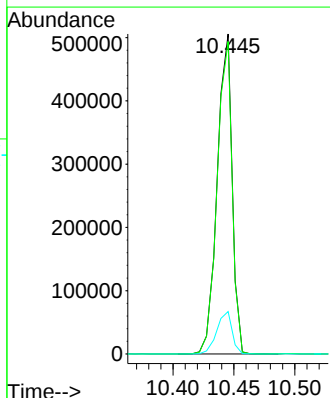
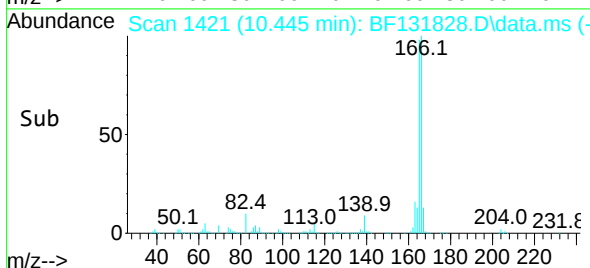
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

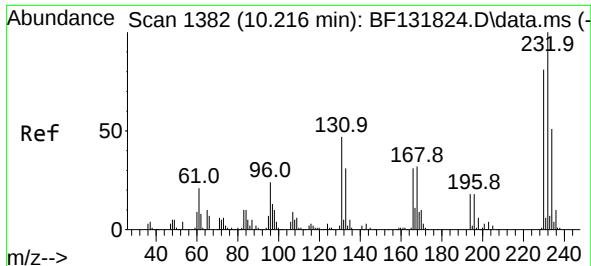


#58
Fluorene
Concen: 41.048 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



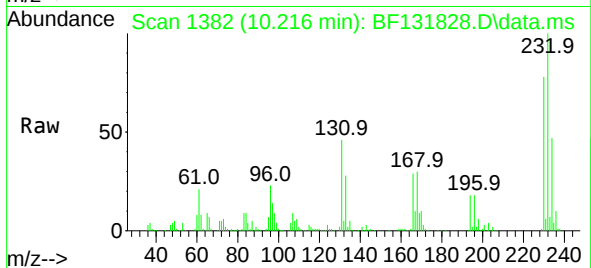
Tgt Ion:166 Resp: 431242
Ion Ratio Lower Upper
166 100
165 97.7 77.0 115.4
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.847 ng m
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

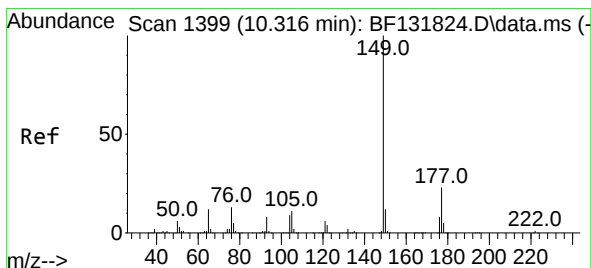
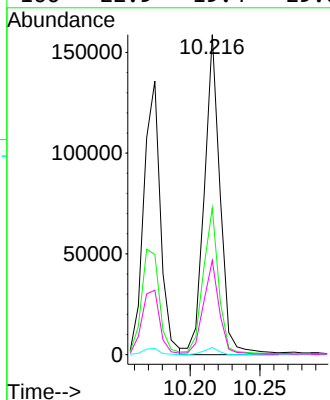
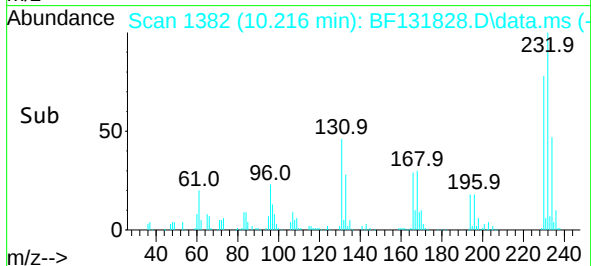
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



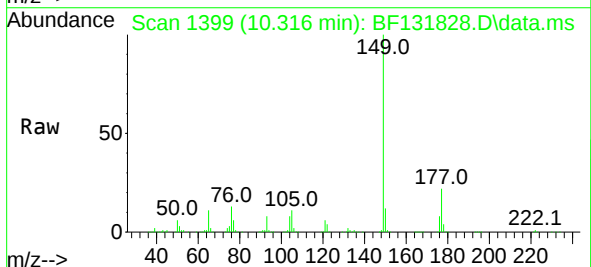
Tgt Ion:232 Resp: 125421
Ion Ratio Lower Upper
232 100
131 37.5 30.1 45.1
130 2.1 1.8 2.6
166 22.9 19.4 29.0

Manual Integrations
APPROVED

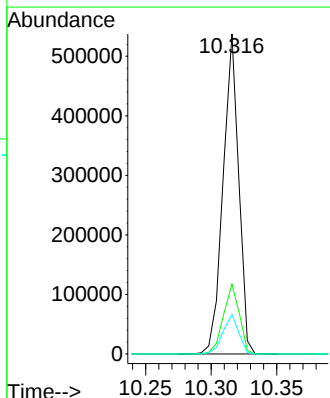
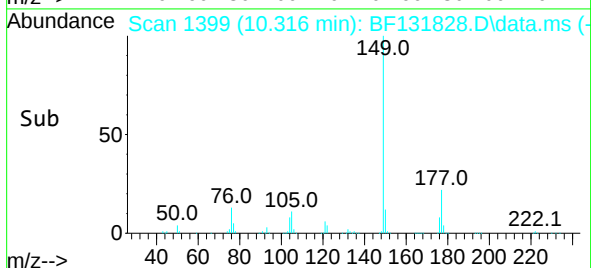
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

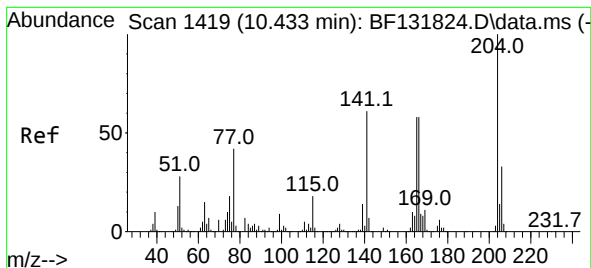


#60
Diethylphthalate
Concen: 41.567 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



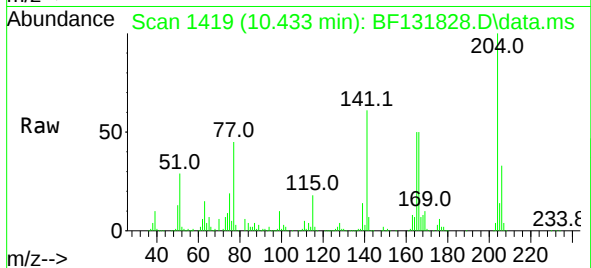
Tgt Ion:149 Resp: 444134
Ion Ratio Lower Upper
149 100
177 21.8 18.1 27.1
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 41.161 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

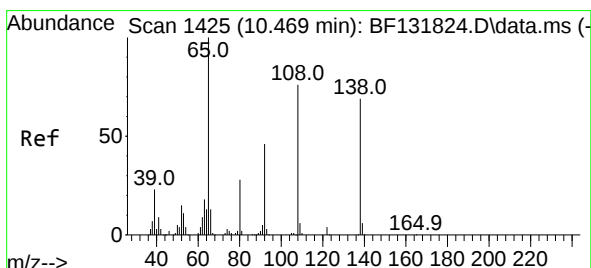
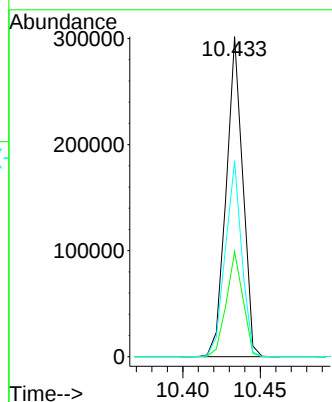
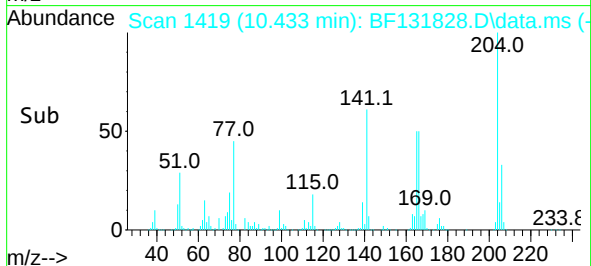
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



Tgt Ion:204 Resp: 224800
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.2 49.0 73.4

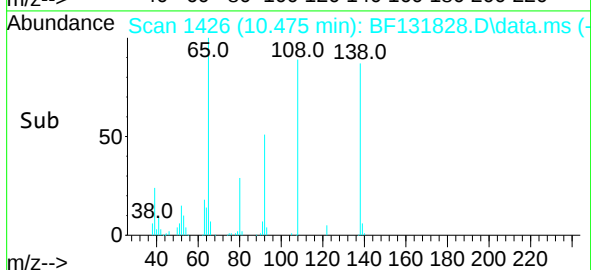
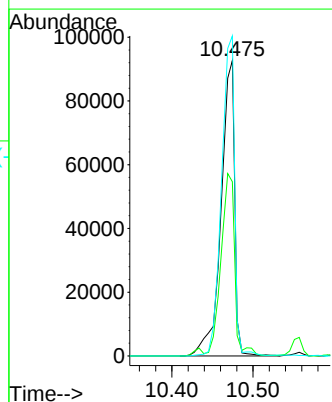
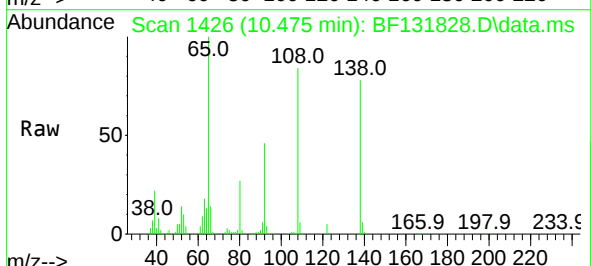
Manual Integrations
APPROVED

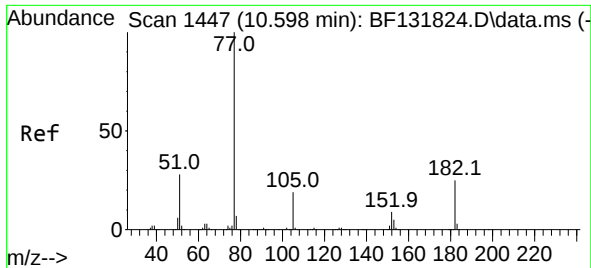
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#62
4-Nitroaniline
Concen: 42.392 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

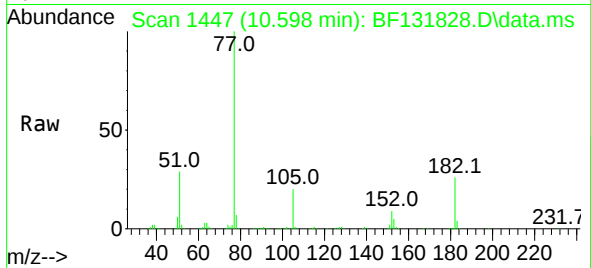
Tgt Ion:138 Resp: 108184
Ion Ratio Lower Upper
138 100
92 59.0 47.2 87.2
108 108.3 89.2 129.2





#63
Azobenzene
Concen: 40.924 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

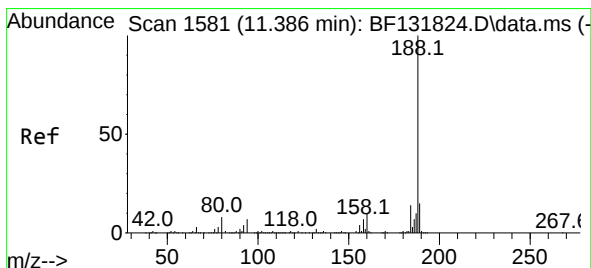
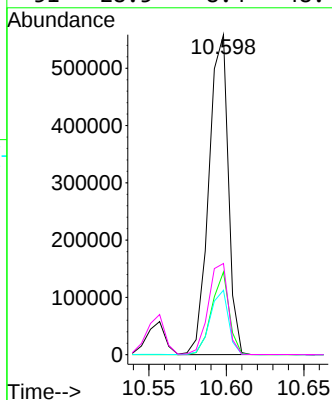
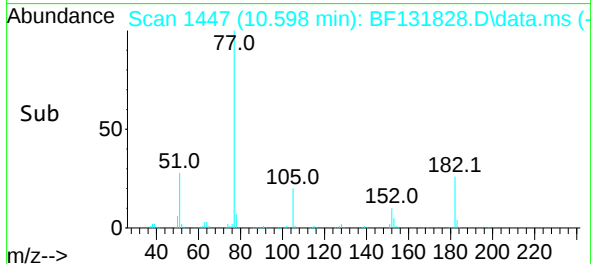
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



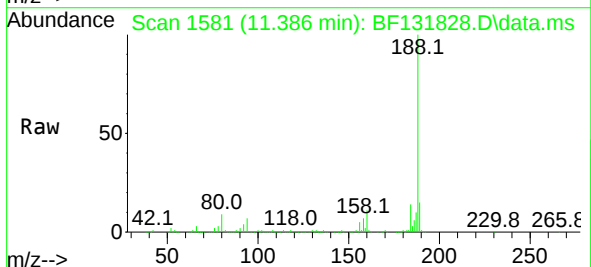
Tgt Ion: 77 Resp: 485284
Ion Ratio Lower Upper
77 100
182 25.9 5.0 45.0
105 20.1 0.0 39.4
51 28.5 8.4 48.4

Manual Integrations
APPROVED

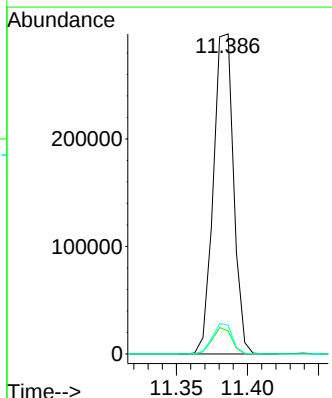
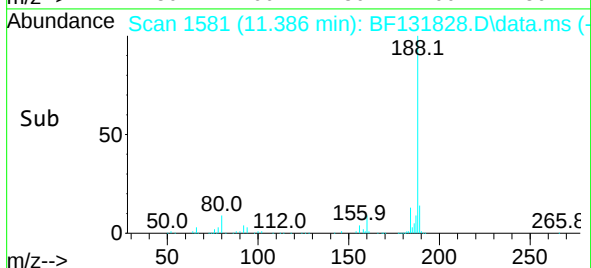
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

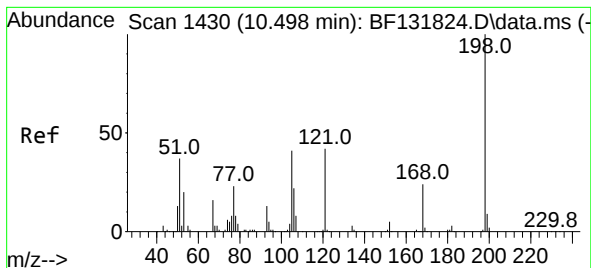


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion:188 Resp: 293807
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 9.0 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 43.189 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

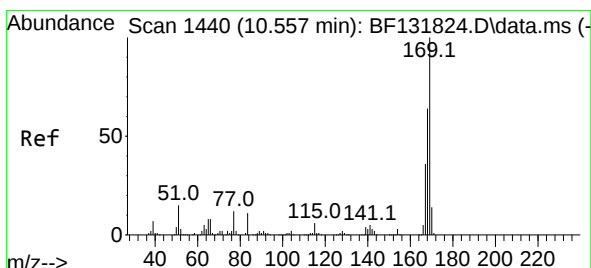
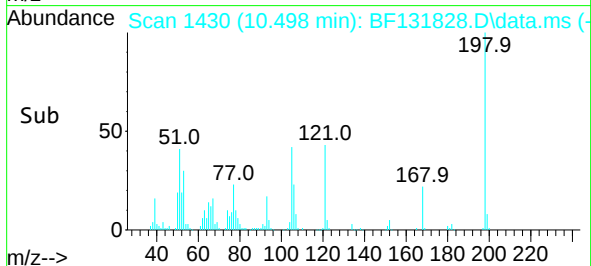
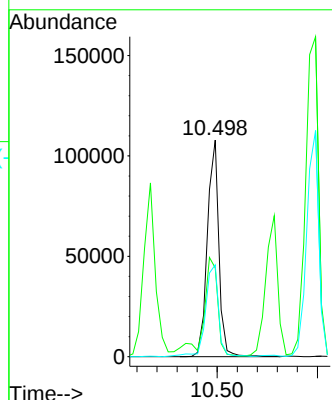
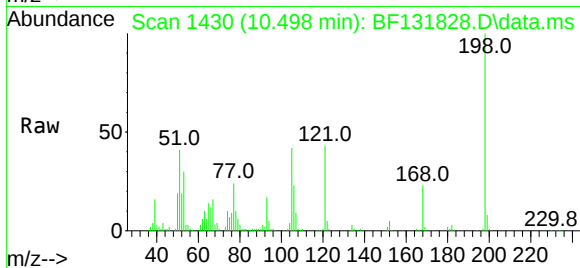
ICVBF122422

Tgt Ion:198 Resp: 86390
Ion Ratio Lower Upper
198 100
51 41.0 21.6 61.6
105 42.4 22.0 62.0

Manual Integrations

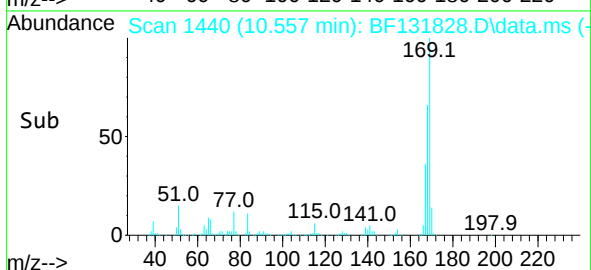
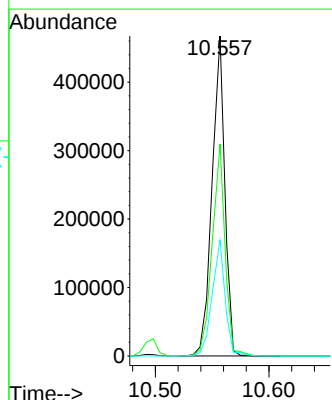
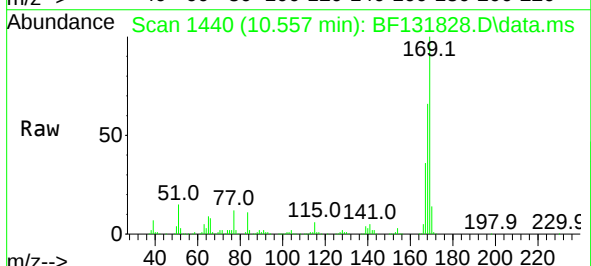
APPROVED

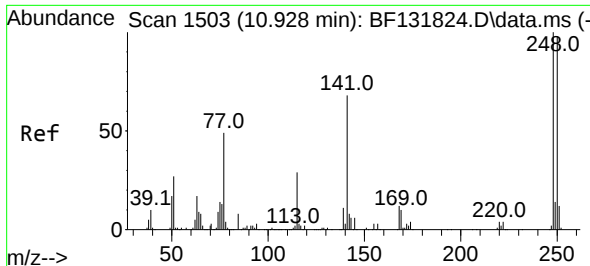
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#66
n-Nitrosodiphenylamine
Concen: 40.608 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

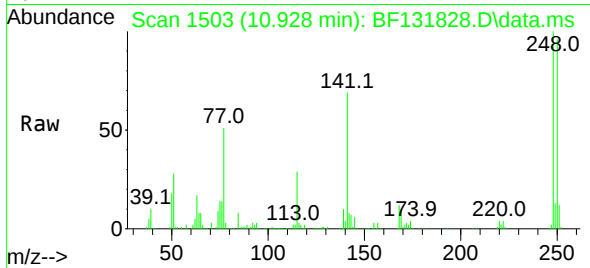
Tgt Ion:169 Resp: 363948
Ion Ratio Lower Upper
169 100
168 66.2 51.5 77.3
167 36.3 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 40.859 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

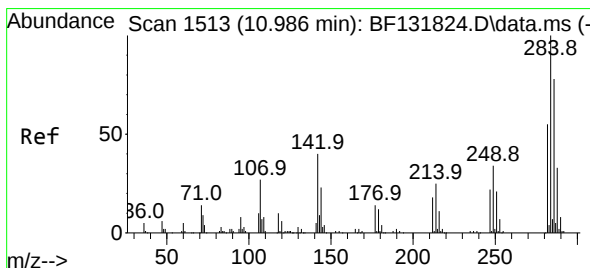
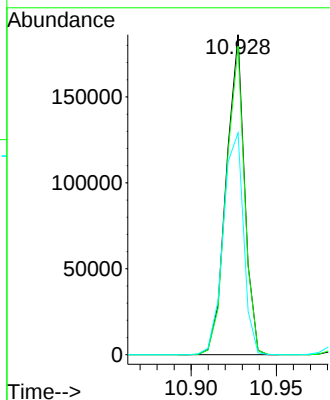
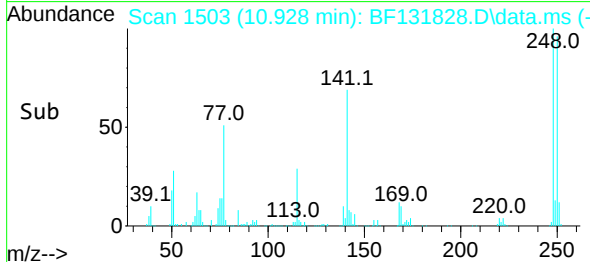
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



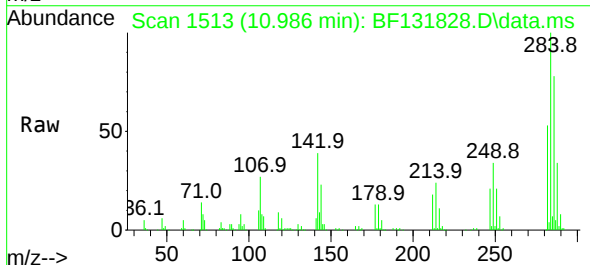
Tgt Ion:248 Resp: 139130
Ion Ratio Lower Upper
248 100
250 96.4 78.0 117.0
141 69.3 54.8 82.2

Manual Integrations
APPROVED

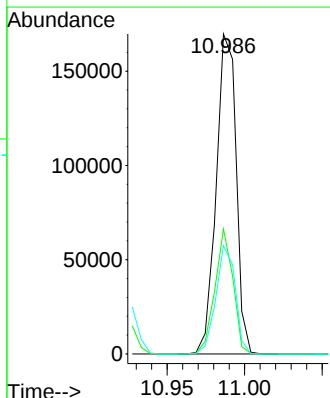
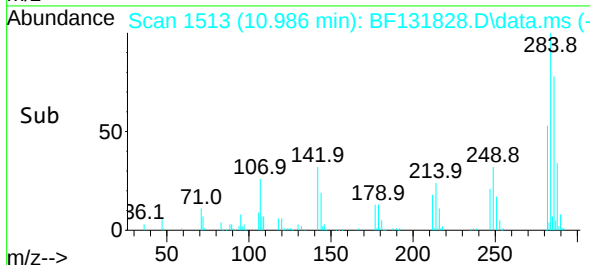
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

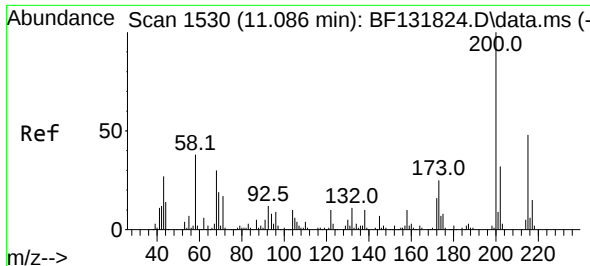


#68
Hexachlorobenzene
Concen: 40.554 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion:284 Resp: 151702
Ion Ratio Lower Upper
284 100
142 39.0 31.6 47.4
249 33.9 26.9 40.3





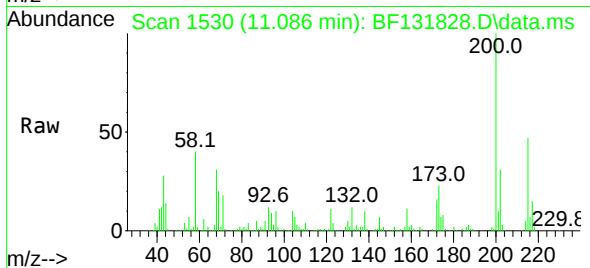
#69
 Atrazine
 Concen: 42.012 ng
 RT: 11.086 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BF131828.D
 Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

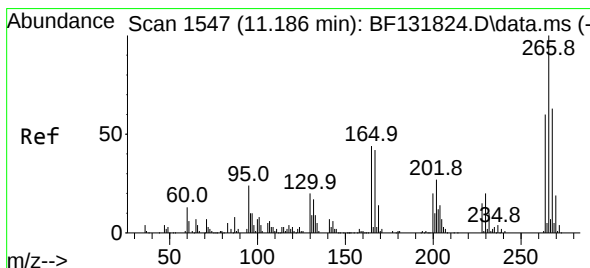
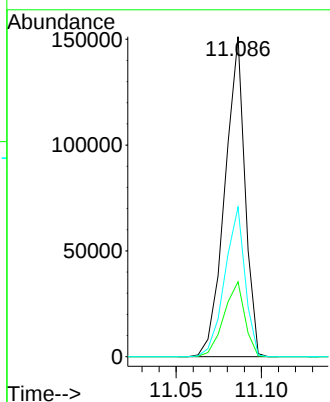
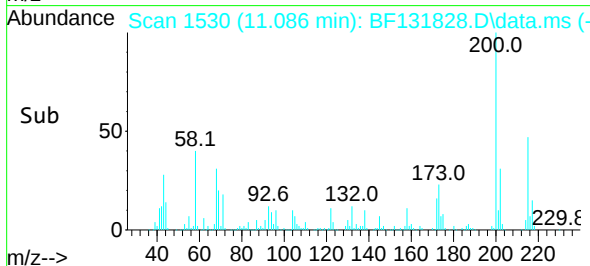


Tgt Ion:200 Resp: 123959
 Ion Ratio Lower Upper
 200 100
 173 23.4 4.5 44.5
 215 46.8 28.5 68.5

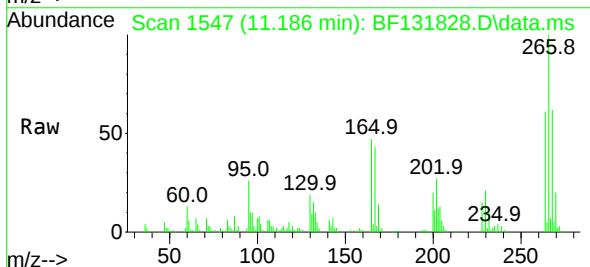
Manual Integrations

APPROVED

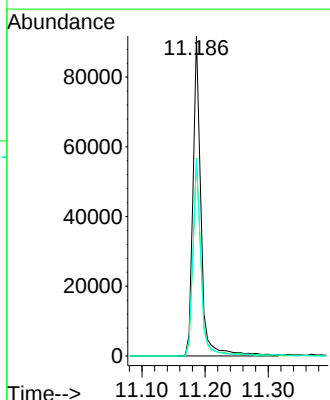
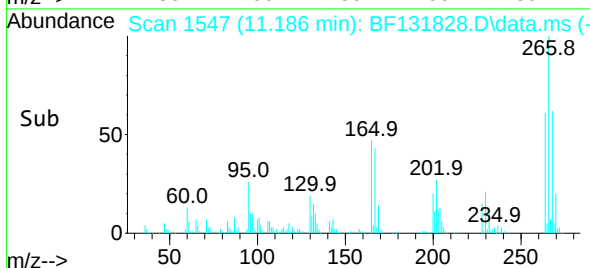
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Yogesh Patel 12/28/2022

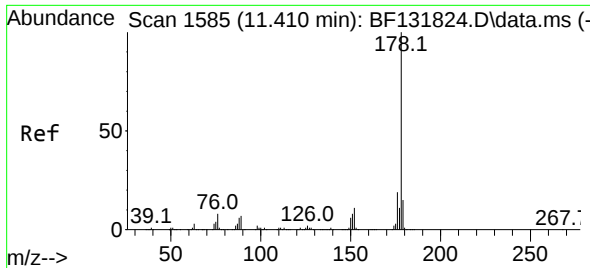


#70
 Pentachlorophenol
 Concen: 44.009 ng
 RT: 11.186 min Scan# 1547
 Delta R.T. 0.000 min
 Lab File: BF131828.D
 Acq: 24 Dec 2022 16:36



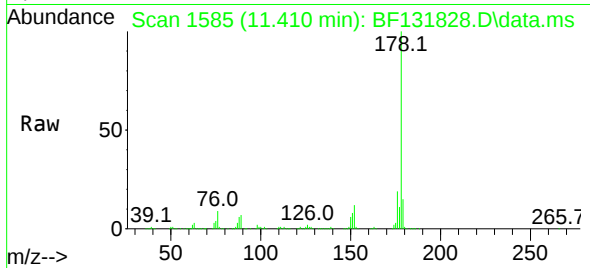
Tgt Ion:266 Resp: 81460
 Ion Ratio Lower Upper
 266 100
 268 61.8 50.5 75.7
 264 61.5 48.3 72.5





#71
Phenanthrene
Concen: 40.471 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

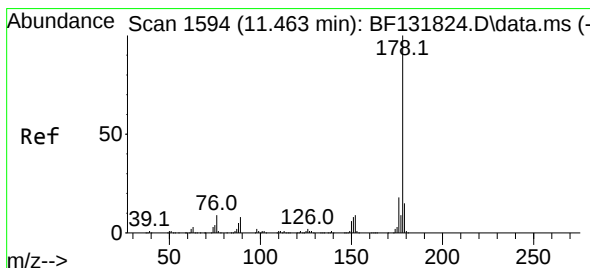
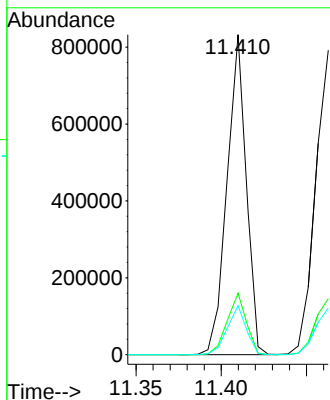
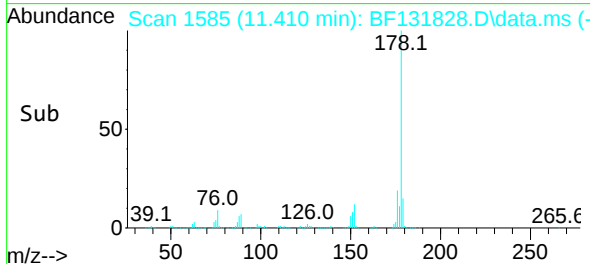
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



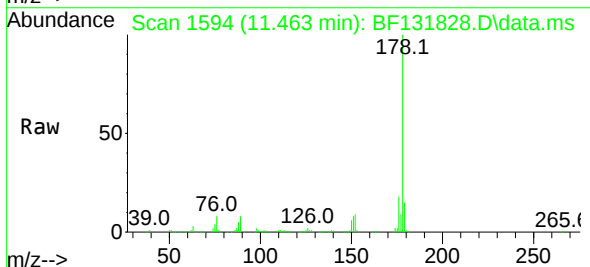
Tgt Ion:178 Resp: 653890
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.2 18.4

Manual Integrations
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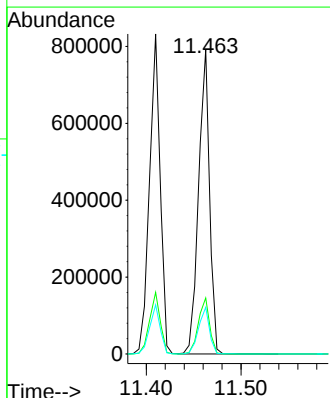
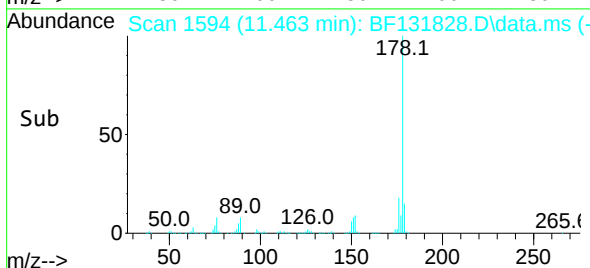
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

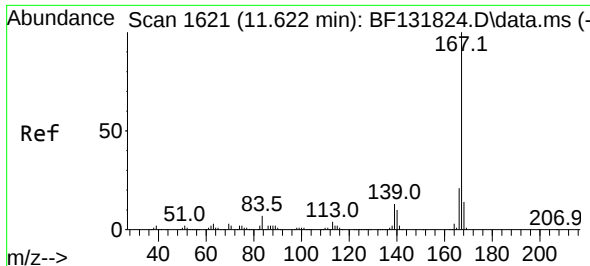


#72
Anthracene
Concen: 40.591 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion:178 Resp: 641561
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.3 12.2 18.2





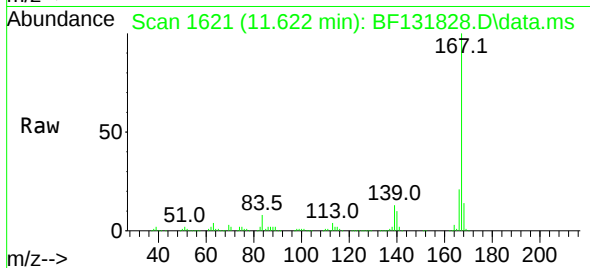
#73
 Carbazole
 Concen: 40.853 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF131828.D
 Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

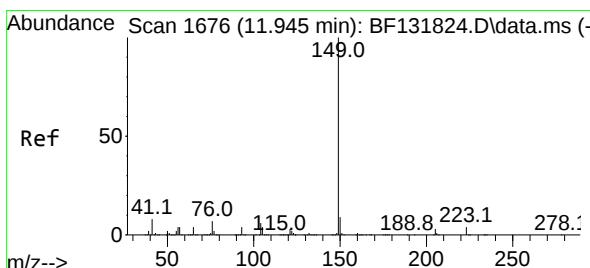
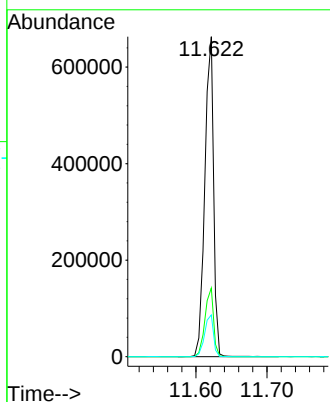
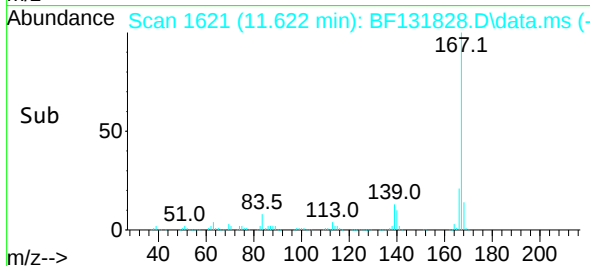


Tgt Ion:167 Resp: 570020
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.6 24.8
 139 13.1 10.6 15.8

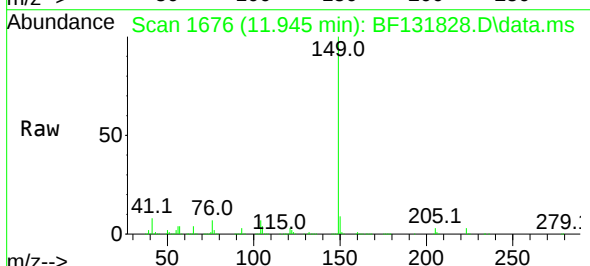
Manual Integrations

APPROVED

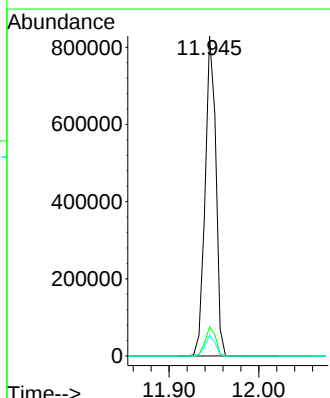
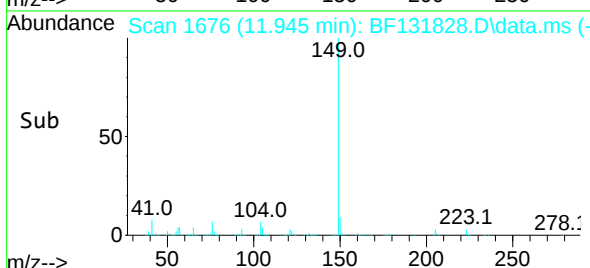
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Yogesh Patel 12/28/2022

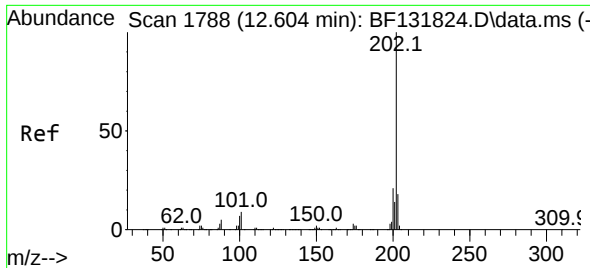


#74
 Di-n-butylphthalate
 Concen: 40.645 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF131828.D
 Acq: 24 Dec 2022 16:36



Tgt Ion:149 Resp: 685486
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 6.6 5.1 7.7





#75
Fluoranthene
Concen: 40.464 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

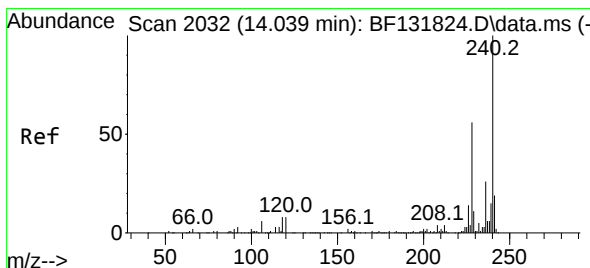
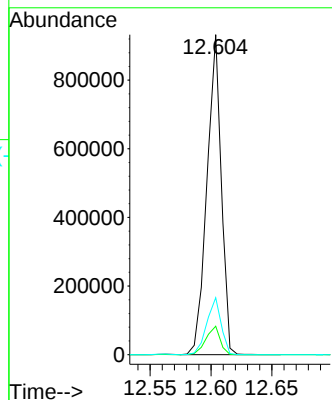
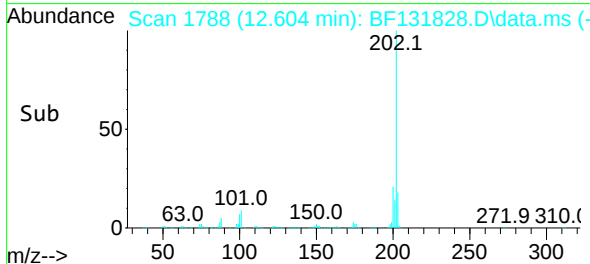
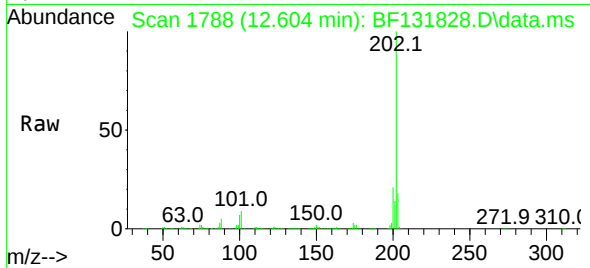
ICVBF122422

Tgt Ion:202 Resp: 761500
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.6
203 17.8 0.0 37.8

Manual Integrations

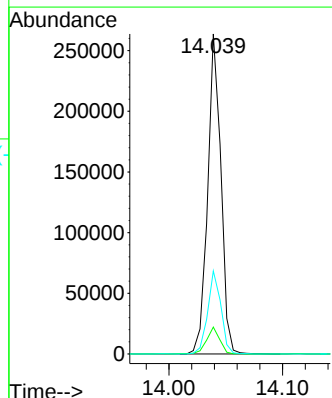
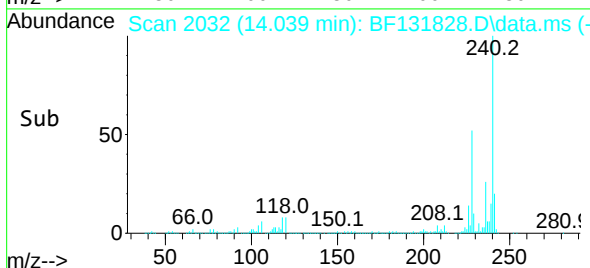
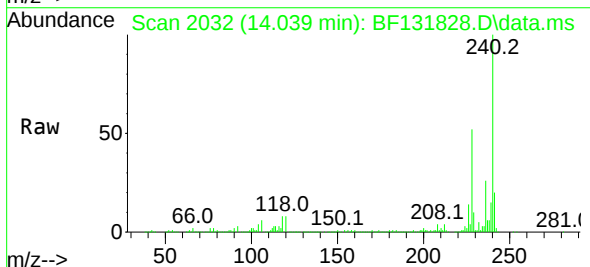
APPROVED

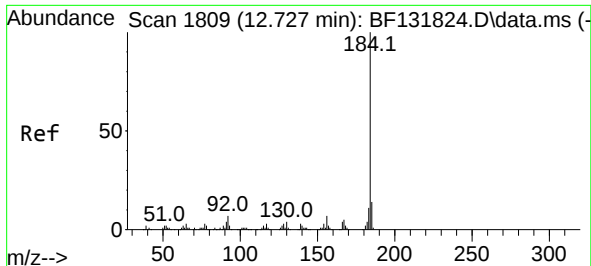
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

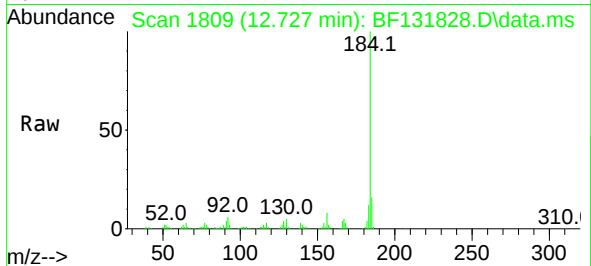
Tgt Ion:240 Resp: 212533
Ion Ratio Lower Upper
240 100
120 8.4 6.7 10.1
236 26.0 20.6 31.0





#77
Benzidine
Concen: 32.656 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

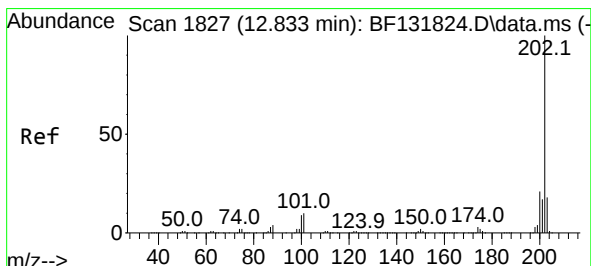
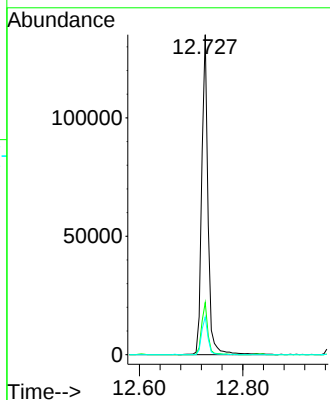
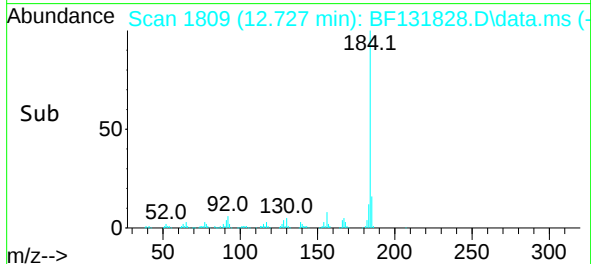
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



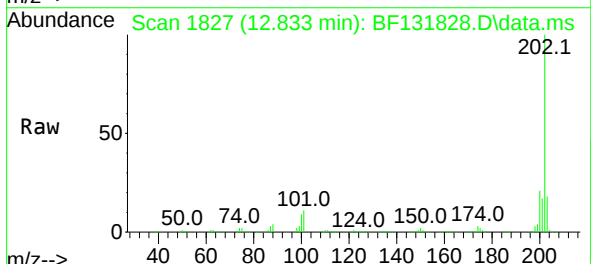
Tgt Ion:184 Resp: 114050
Ion Ratio Lower Upper
184 100
185 16.3 11.6 17.4
183 11.8 9.0 13.4

Manual Integrations
APPROVED

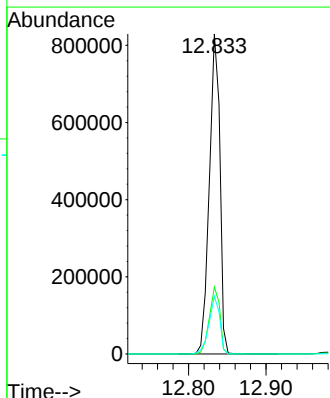
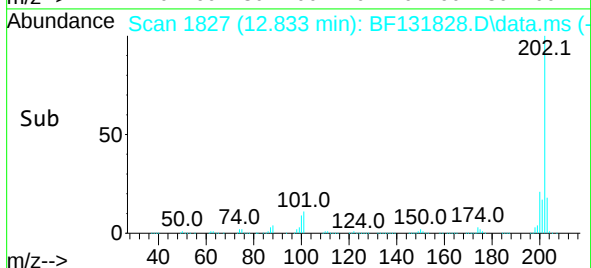
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

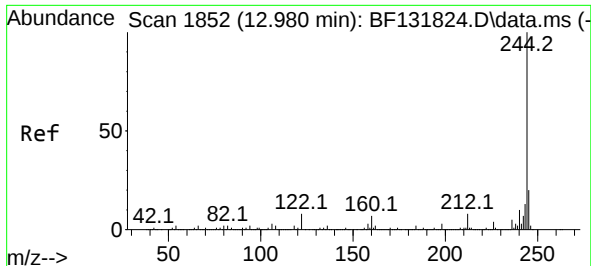


#78
Pyrene
Concen: 43.962 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion:202 Resp: 783121
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 18.1 14.4 21.6





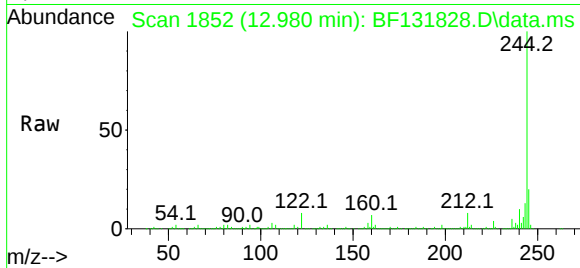
#79
 Terphenyl-d14
 Concen: 86.869 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131828.D
 Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

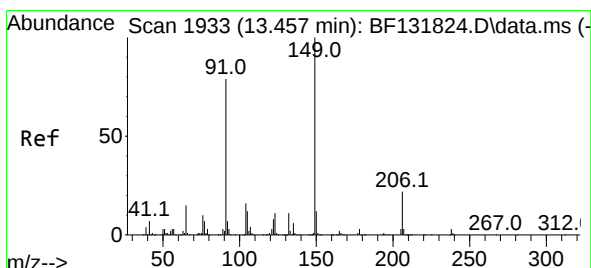
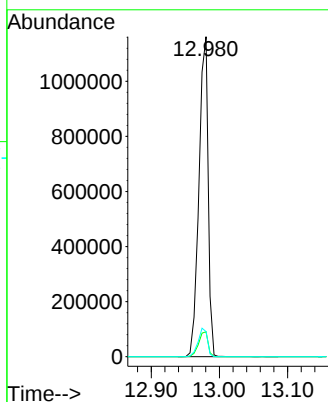
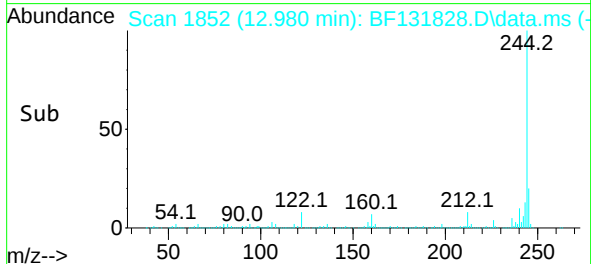


Tgt Ion:244 Resp: 109147
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 7.9 6.4 9.6

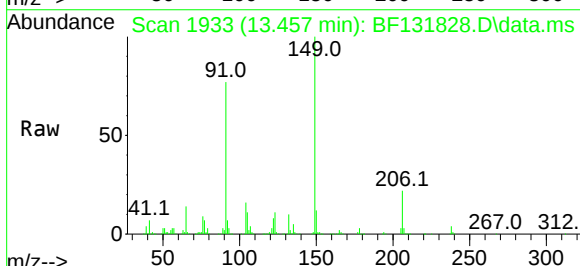
Manual Integrations

APPROVED

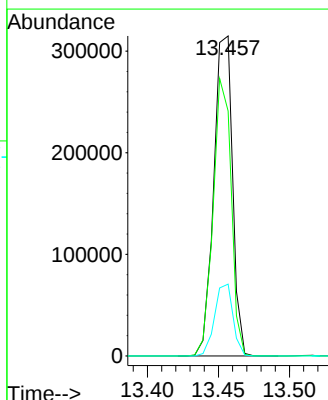
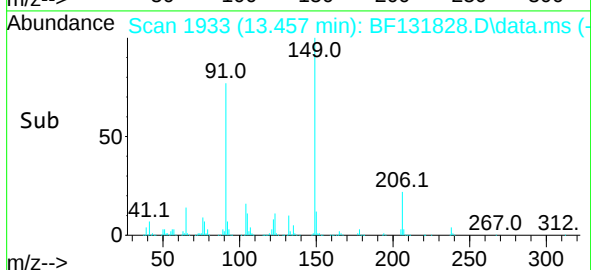
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Yogesh Patel 12/28/2022

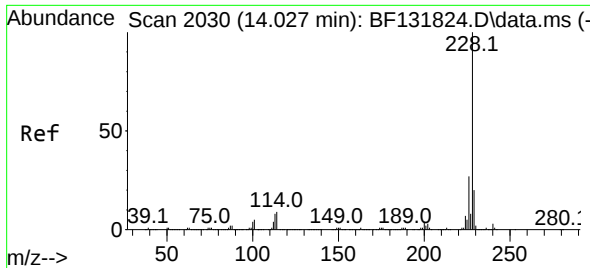


#80
 Butylbenzylphthalate
 Concen: 43.783 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF131828.D
 Acq: 24 Dec 2022 16:36



Tgt Ion:149 Resp: 289286
 Ion Ratio Lower Upper
 149 100
 91 76.6 63.2 94.8
 206 22.5 17.9 26.9





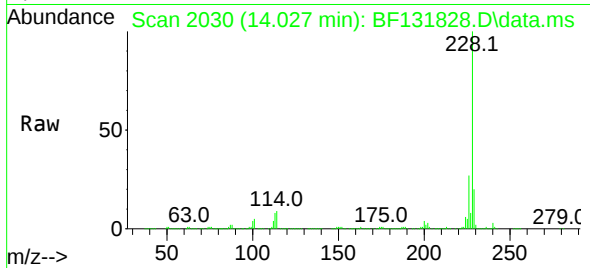
#81
Benzo(a)anthracene
Concen: 43.069 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF122422

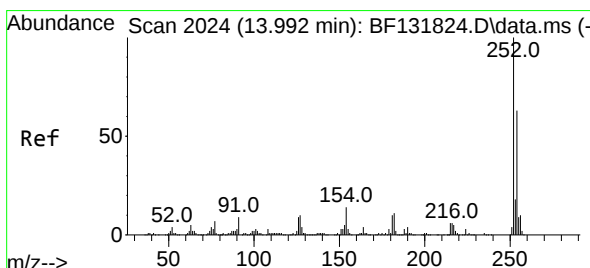
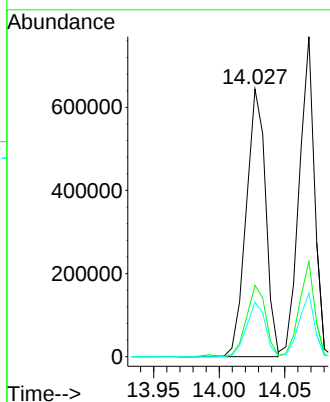
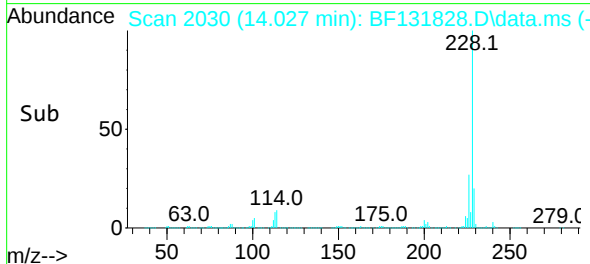


Tgt Ion:228 Resp: 662740
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 20.4 16.0 24.0

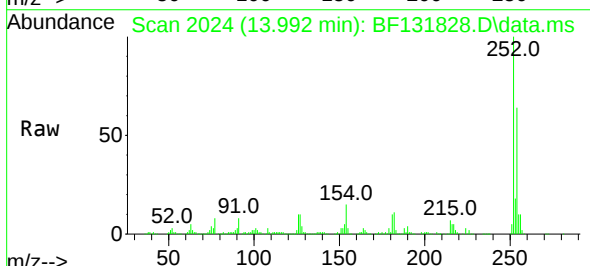
Manual Integrations

APPROVED

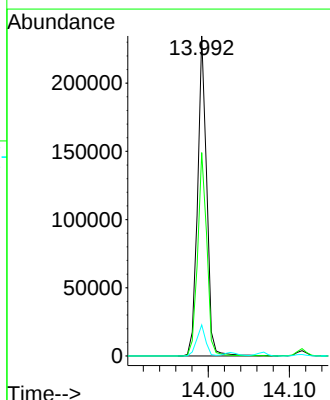
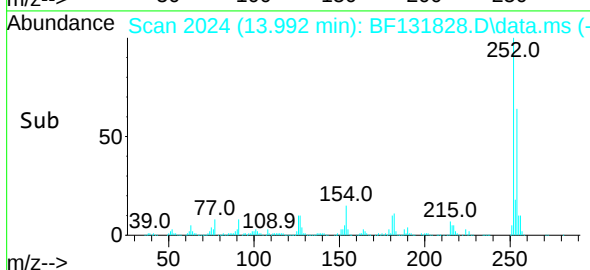
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

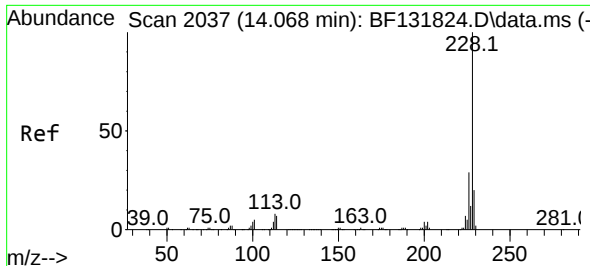


#82
3,3'-Dichlorobenzidine
Concen: 41.303 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



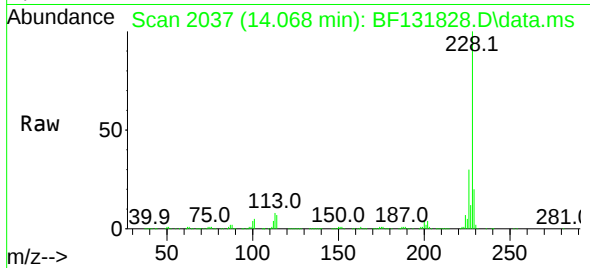
Tgt Ion:252 Resp: 183699
Ion Ratio Lower Upper
252 100
254 63.5 50.4 75.6
126 9.7 7.5 11.3





#83
Chrysene
Concen: 43.410 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

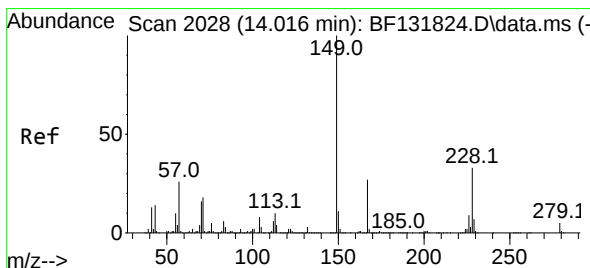
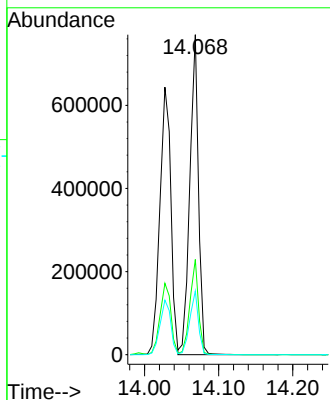
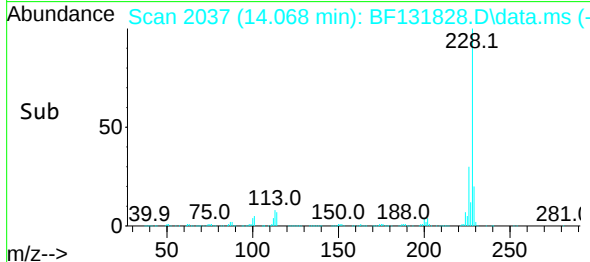
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



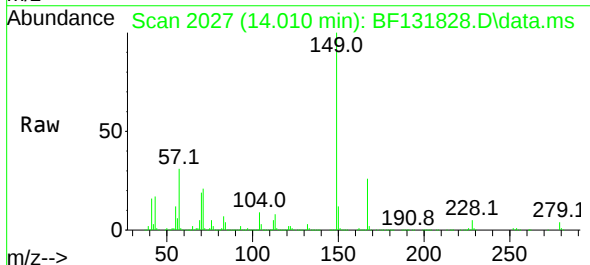
Tgt Ion:228 Resp: 627708
Ion Ratio Lower Upper
228 100
226 29.8 23.5 35.3
229 19.9 16.2 24.2

Manual Integrations
APPROVED

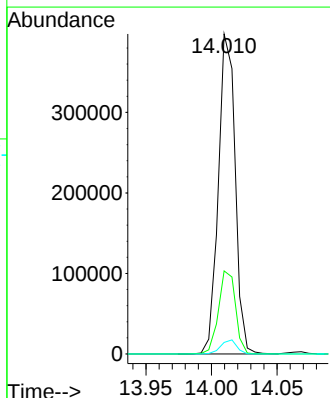
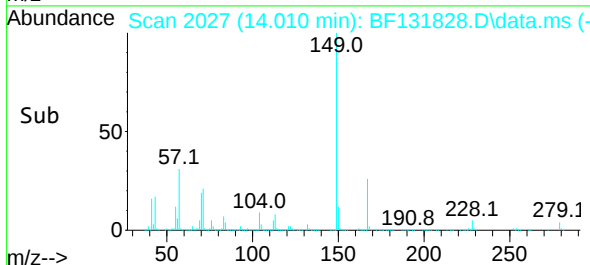
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

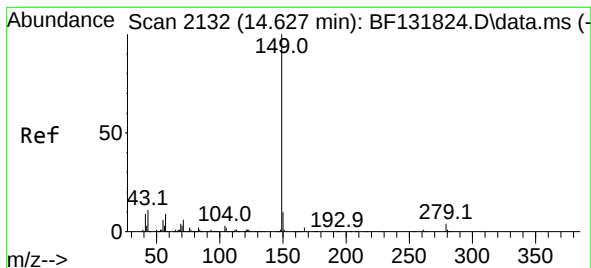


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.970 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



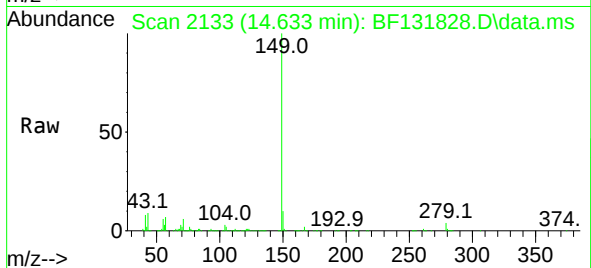
Tgt Ion:149 Resp: 353740
Ion Ratio Lower Upper
149 100
167 26.0 21.8 32.6
279 3.6 3.9 5.9#





#85
Di-n-octyl phthalate
Concen: 42.835 ng
RT: 14.633 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

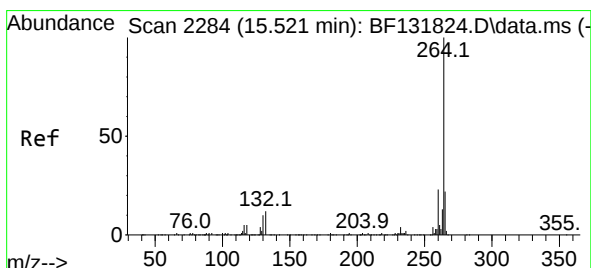
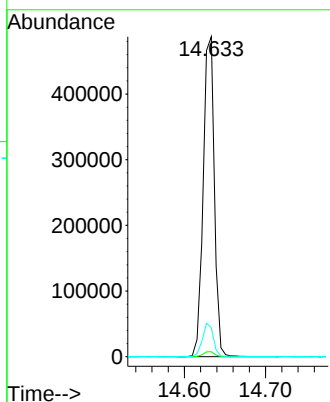
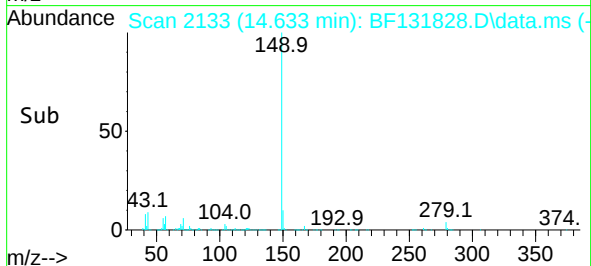
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



Tgt Ion:149 Resp: 46389
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 8.1 12.1

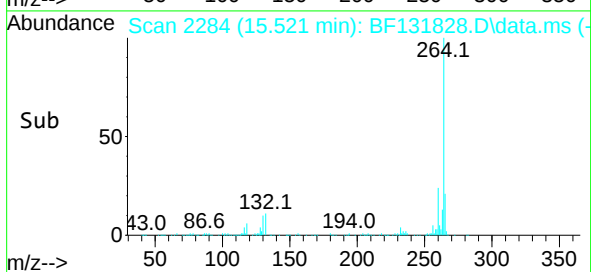
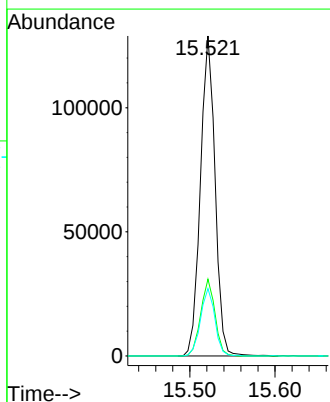
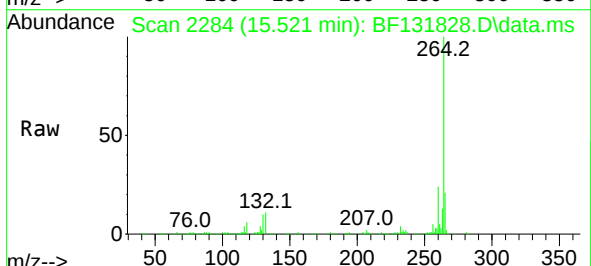
Manual Integrations
APPROVED

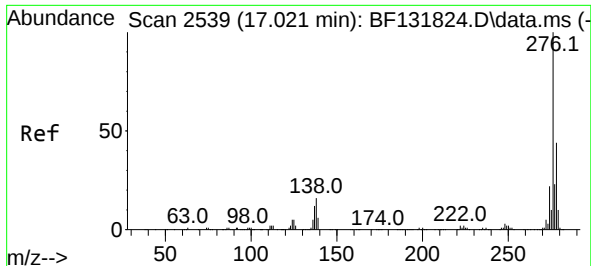
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

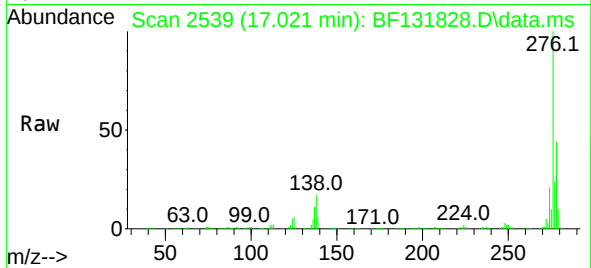
Tgt Ion:264 Resp: 153916
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.0 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.285 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

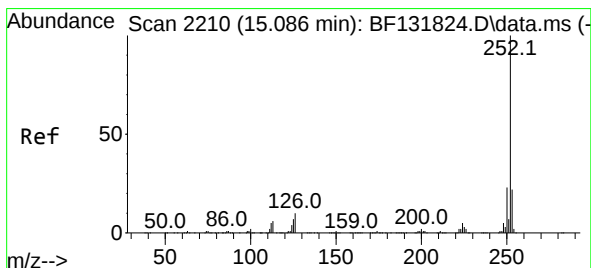
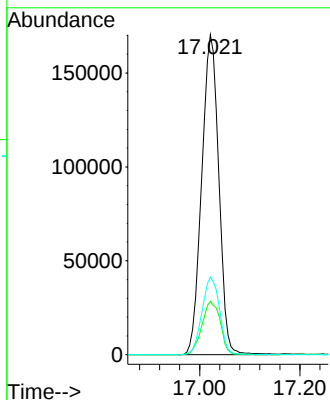
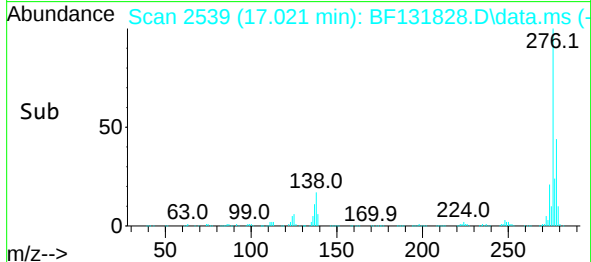
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



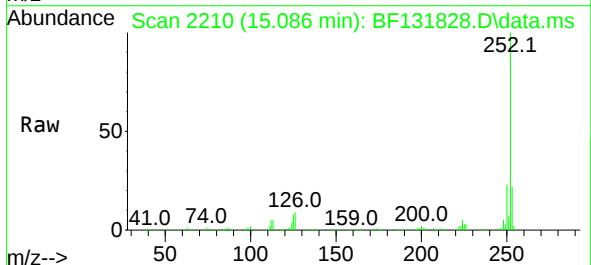
Tgt Ion:276 Resp: 403704
Ion Ratio Lower Upper
276 100
138 17.8 14.5 21.7
277 24.9 19.7 29.5

Manual Integrations
APPROVED

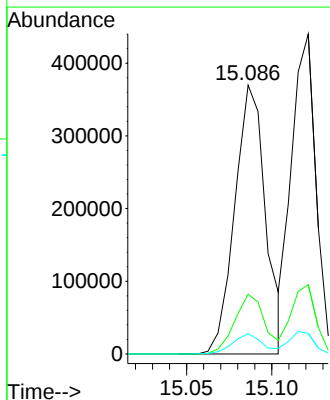
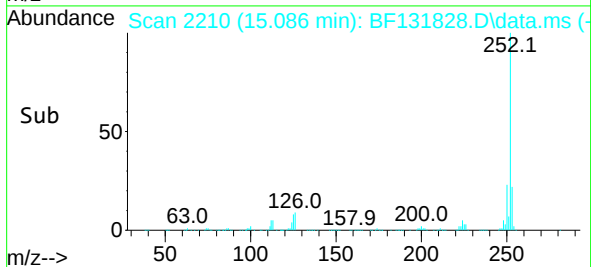
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

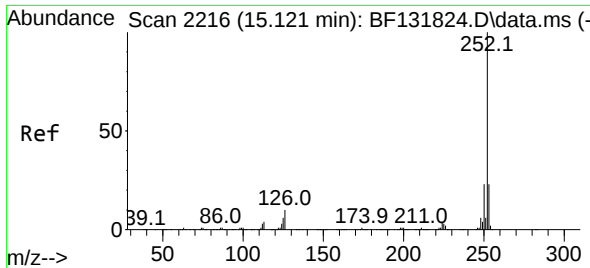


#88
Benzo(b)fluoranthene
Concen: 41.272 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



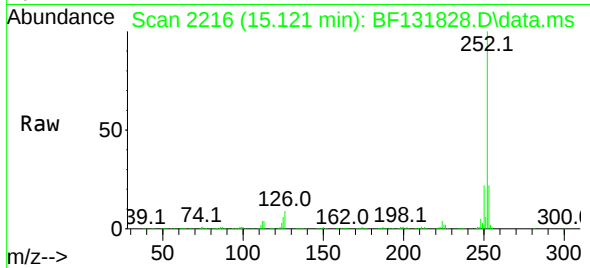
Tgt Ion:252 Resp: 465788
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 7.6 5.8 8.8





#89
Benzo(k)fluoranthene
Concen: 40.443 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

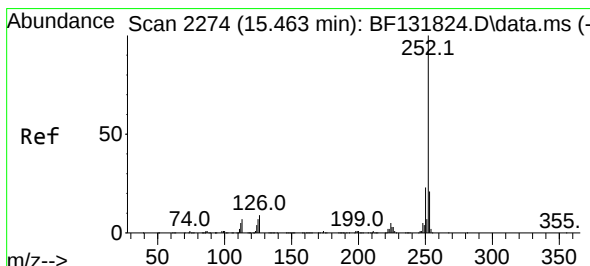
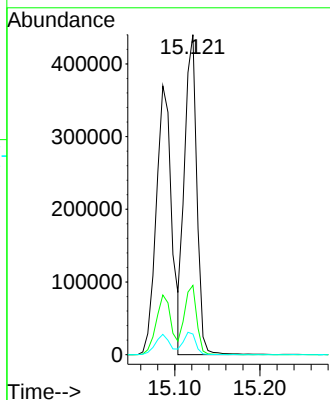
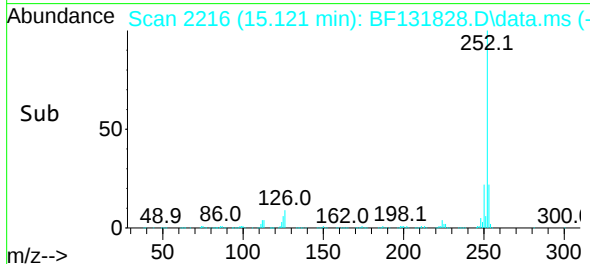
Instrument :
BNA_F
ClientSampleId :
ICVBF122422



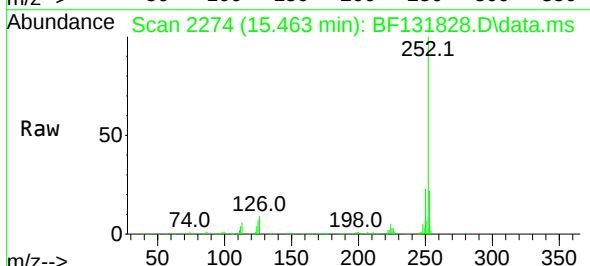
Tgt Ion:252 Resp: 441002
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 6.4 5.4 8.0

Manual Integrations
APPROVED

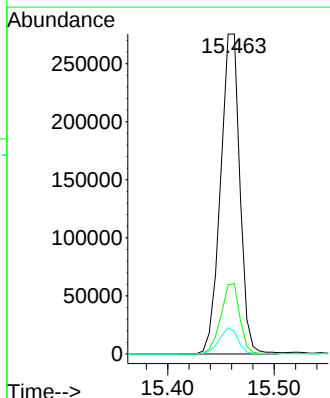
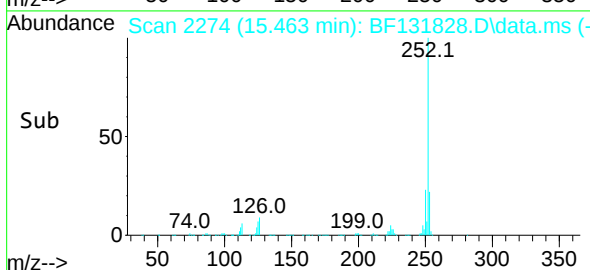
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

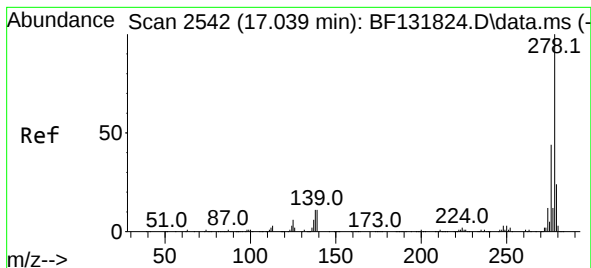


#90
Benzo(a)pyrene
Concen: 39.708 ng
RT: 15.463 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion:252 Resp: 346950
Ion Ratio Lower Upper
252 100
253 22.0 16.6 24.8
125 7.1 5.8 8.8





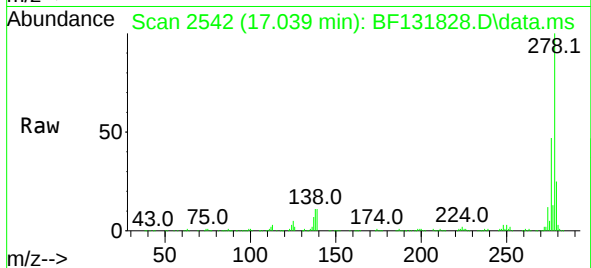
#91
Dibenzo(a,h)anthracene
Concen: 41.306 ng
RT: 17.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36

Instrument :

BNA_F

ClientSampleId :

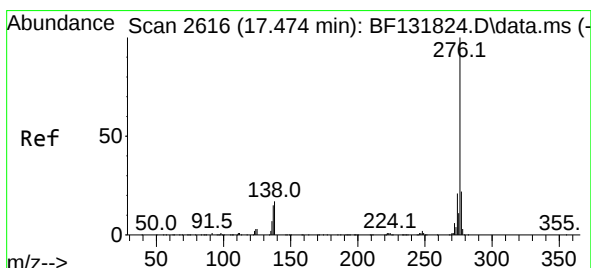
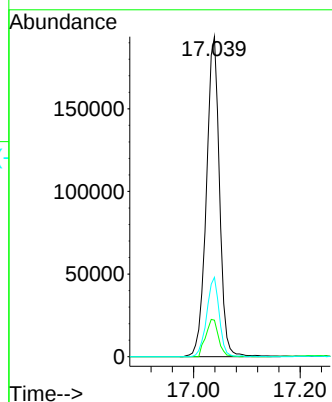
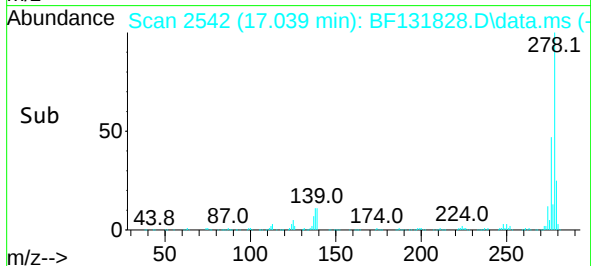
ICVBF122422



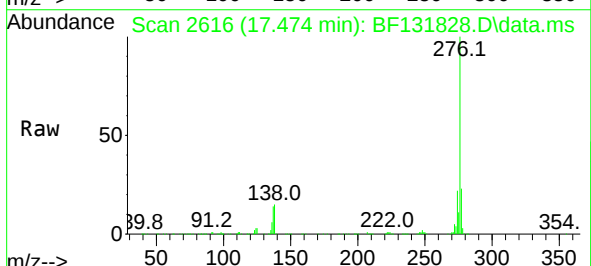
Tgt Ion:278 Resp: 330844
Ion Ratio Lower Upper
278 100
139 11.4 8.6 12.8
279 24.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#92
Benzo(g,h,i)perylene
Concen: 37.254 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF131828.D
Acq: 24 Dec 2022 16:36



Tgt Ion:276 Resp: 340434
Ion Ratio Lower Upper
276 100
277 23.0 17.9 26.9
138 15.0 13.7 20.5

