

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130325.D
 Acq On : 19 Sep 2022 17:34
 Operator : CG\JU
 Sample : N4648-01DL2 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48854-1040DL2

Quant Time: Sep 20 02:26:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

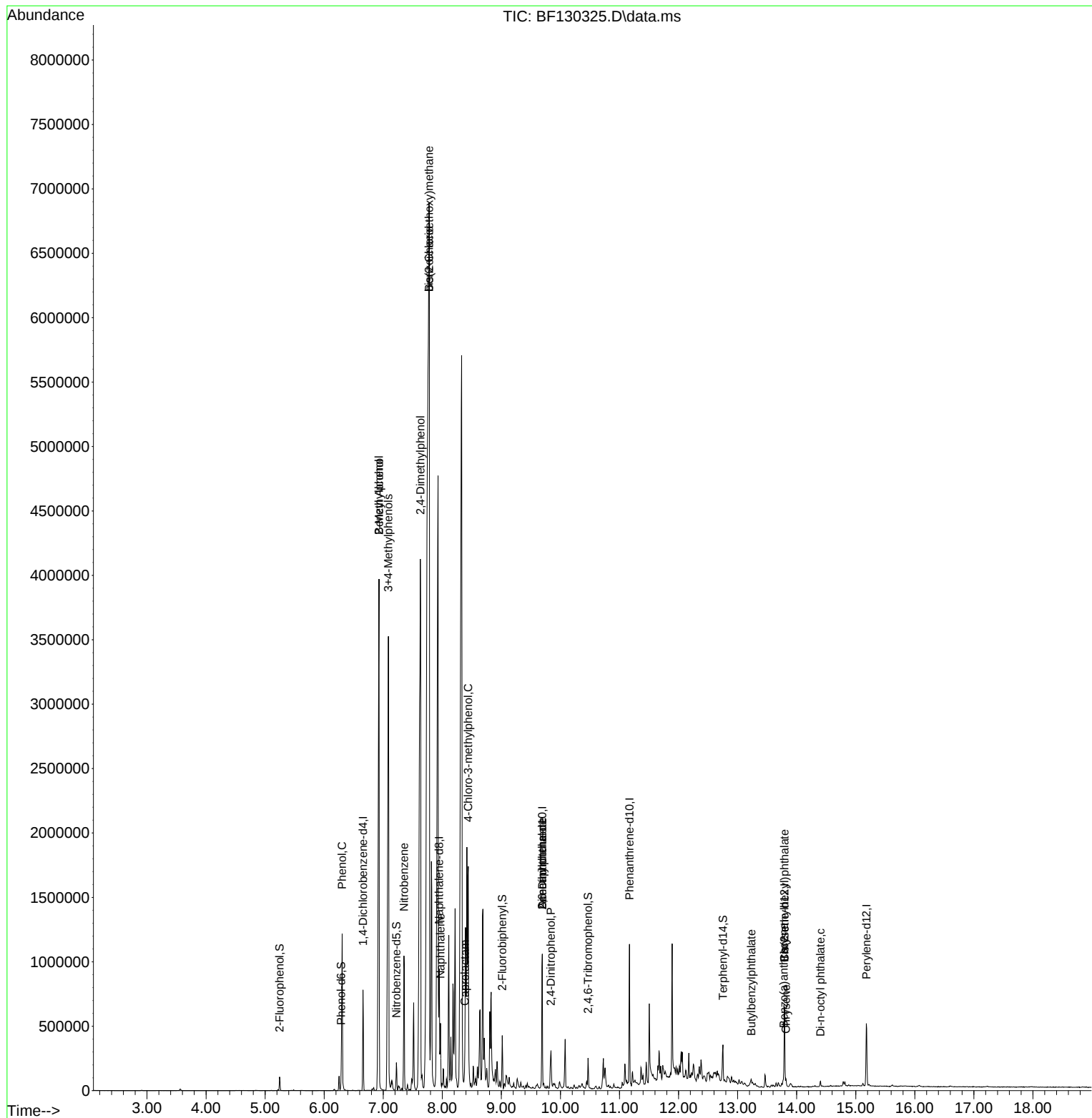
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	106269	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	391268	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	210509	20.000	ng	0.00
64) Phenanthrene-d10	11.168	188	348088	20.000	ng	0.00
76) Chrysene-d12	13.792	240	177860	20.000	ng	-0.01
86) Perylene-d12	15.180	264	200840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	26988	4.405	ng	-0.01
7) Phenol-d6	6.286	99	23061	3.008	ng	-0.01
23) Nitrobenzene-d5	7.222	82	58077	7.583	ng	-0.01
42) 2,4,6-Tribromophenol	10.469	330	18652	9.247	ng	-0.01
45) 2-Fluorobiphenyl	9.016	172	104580	7.234	ng	0.00
79) Terphenyl-d14	12.751	244	85099	7.926	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.304	94	375596	41.807	ng	94
15) Benzyl Alcohol	6.928	79	407325	67.014	ng	# 1
17) 2-Methylphenol	6.928	107	826563	145.687	ng	99
20) 3+4-Methylphenols	7.086	107	1059357	143.734	ng	# 53
24) Nitrobenzene	7.351	77	76154	9.793	ng	# 63
27) 2,4-Dimethylphenol	7.628	122	1287662	262.335	ng	# 88
28) bis(2-Chloroethoxy)met...	7.775	93	179592	25.838	ng	# 1
31) Naphthalene	7.969	128	191124	9.481	ng	99
32) Benzoic acid	7.775	122	3705683	976.248	ng	# 9
35) Caprolactam	8.380	113	3274	2.123	ng	# 53
36) 4-Chloro-3-methylphenol	8.439	107	142497	23.901	ng	# 21
50) Dimethylphthalate	9.692	163	40086	2.757	ng	# 1
51) 2,6-Dinitrotoluene	9.692	165	27541	9.056	ng	# 16
54) 2,4-Dinitrophenol	9.839	184	257	6.398	ng	# 1
80) Butylbenzylphthalate	13.233	149	11547	2.003	ng	97
81) Benzo(a)anthracene	13.780	228	24733	2.090	ng	97
83) Chrysene	13.815	228	23229	2.068	ng	97
84) Bis(2-ethylhexyl)phtha...	13.792	149	16216	2.456	ng	# 96
85) Di-n-octyl phthalate	14.404	149	21382	2.117	ng	# 99

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

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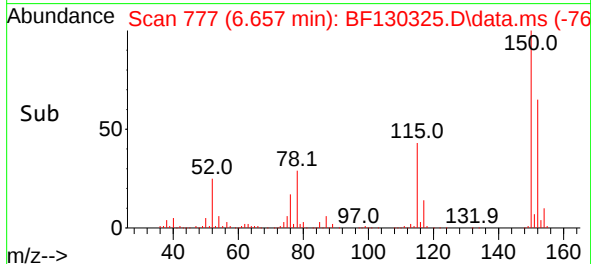
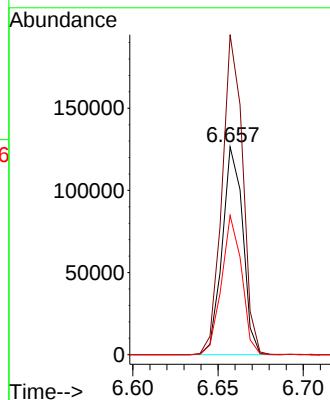
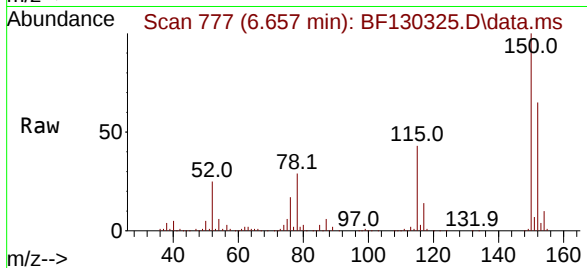




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

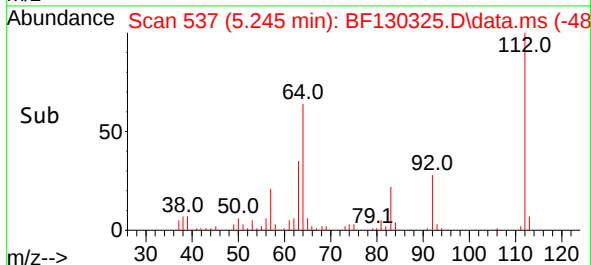
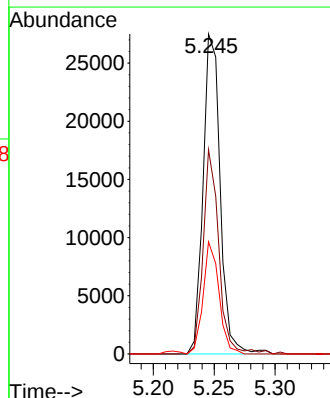
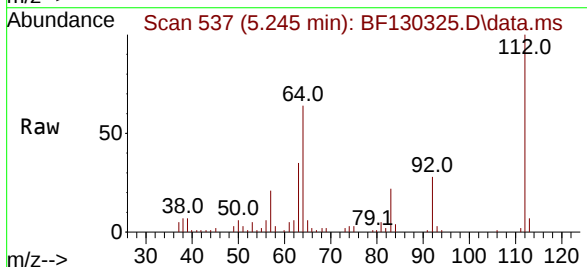
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

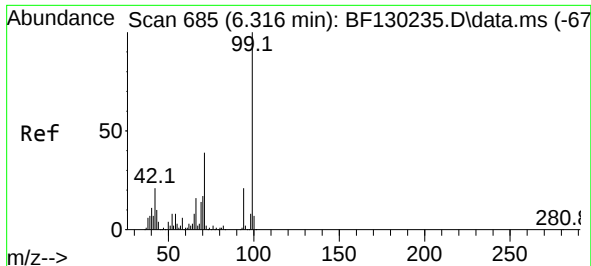
Tgt Ion:152 Resp: 106269
Ion Ratio Lower Upper
152 100
150 153.9 122.8 184.2
115 66.9 53.8 80.8



#5
2-Fluorophenol
Concen: 4.405 ng
RT: 5.245 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion:112 Resp: 26988
Ion Ratio Lower Upper
112 100
64 63.9 51.4 77.0
63 35.0 28.8 43.2

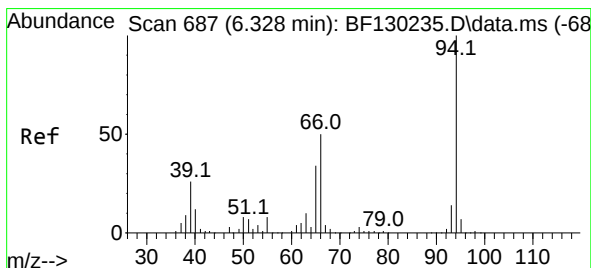
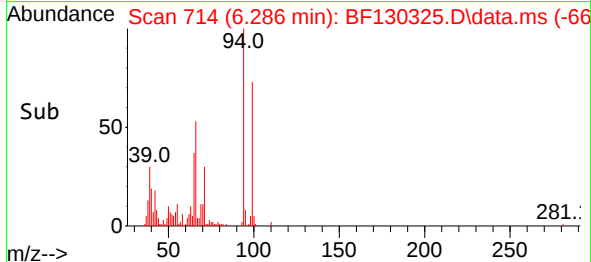
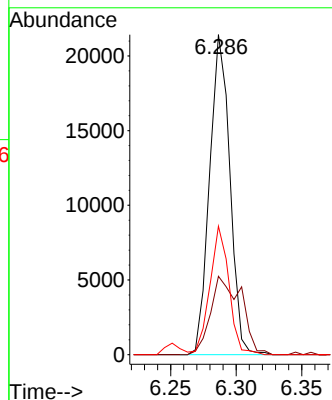
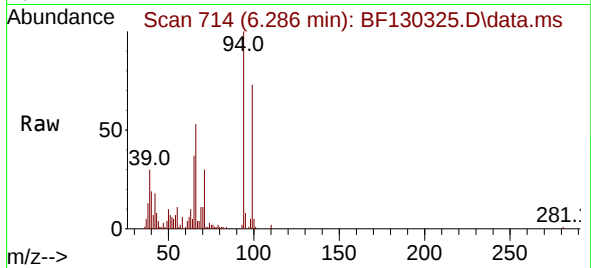




#7
Phenol-d6
Concen: 3.008 ng
RT: 6.286 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

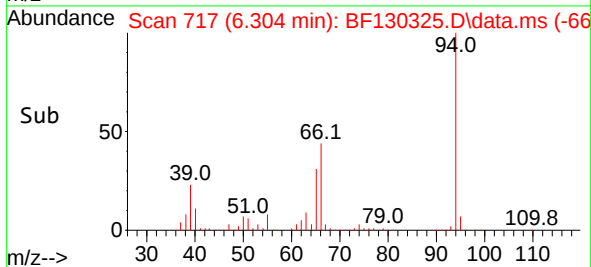
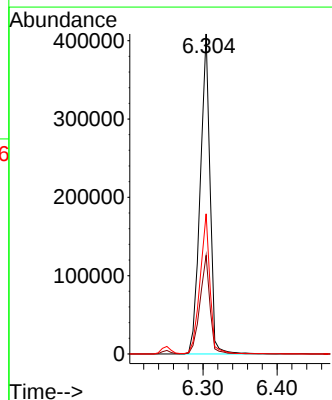
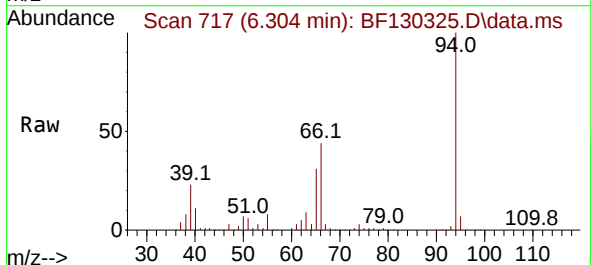
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

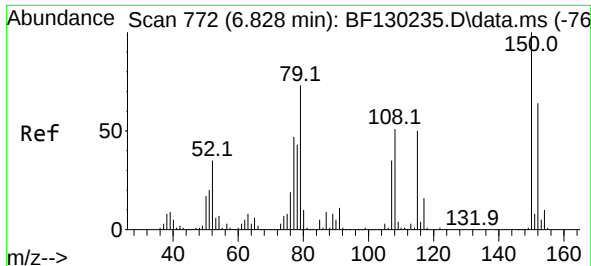
Tgt Ion: 99 Resp: 23061
Ion Ratio Lower Upper
99 100
42 24.5 17.0 25.6
71 40.2 32.3 48.5



#10
Phenol
Concen: 41.807 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion: 94 Resp: 375596
Ion Ratio Lower Upper
94 100
65 30.8 14.1 54.1
66 43.8 28.1 68.1

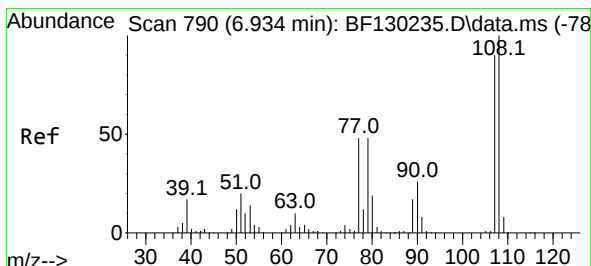
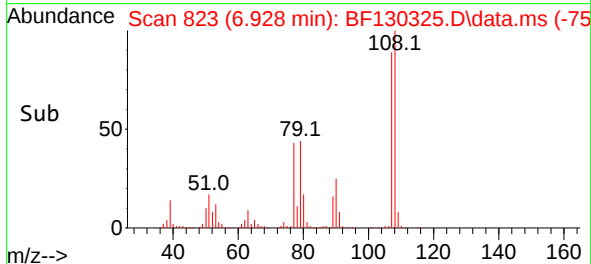
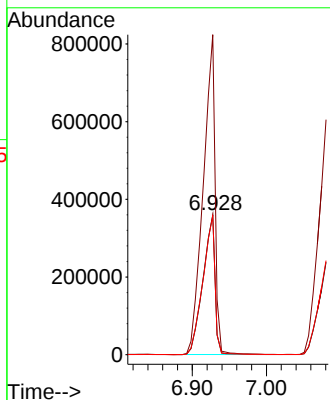
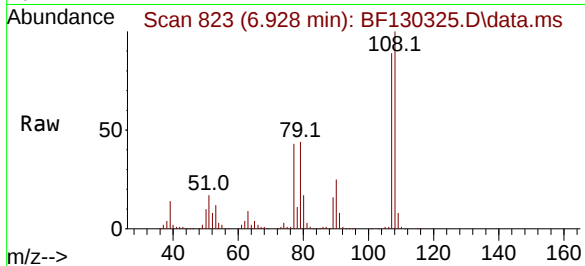




#15
Benzyl Alcohol
Concen: 67.014 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.118 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

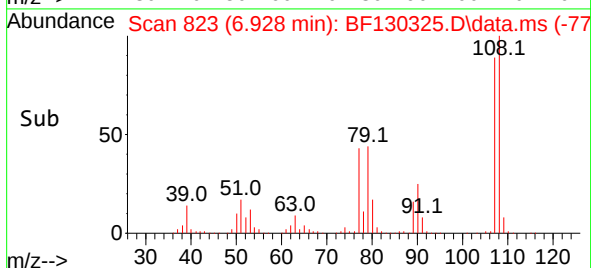
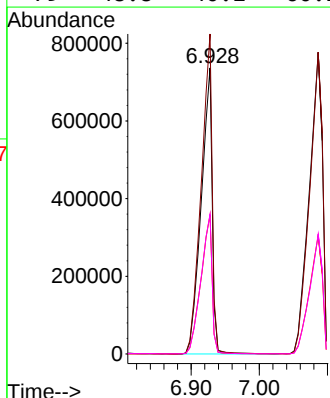
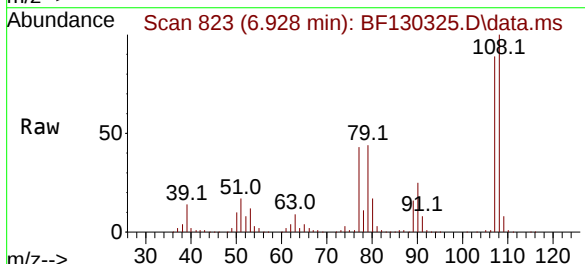
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

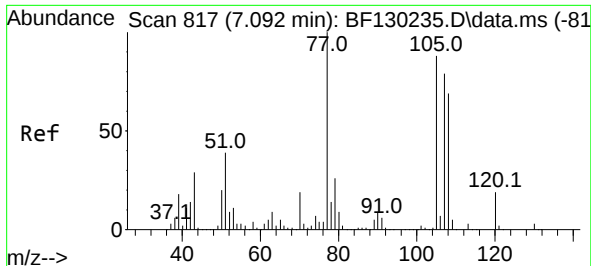
Tgt Ion: 79 Resp: 407325
Ion Ratio Lower Upper
79 100
108 229.0 54.0 81.0#
77 99.5 51.3 76.9#



#17
2-Methylphenol
Concen: 145.687 ng
RT: 6.928 min Scan# 823
Delta R.T. 0.006 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion: 107 Resp: 826563
Ion Ratio Lower Upper
107 100
108 111.9 89.4 134.0
77 48.6 40.6 60.8
79 48.8 40.2 60.2

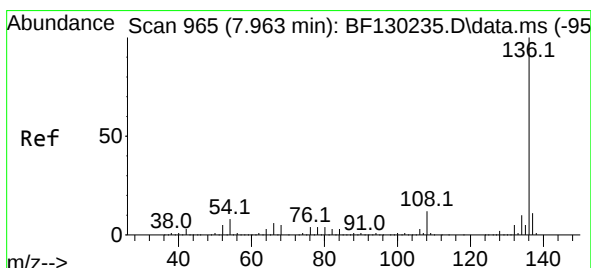
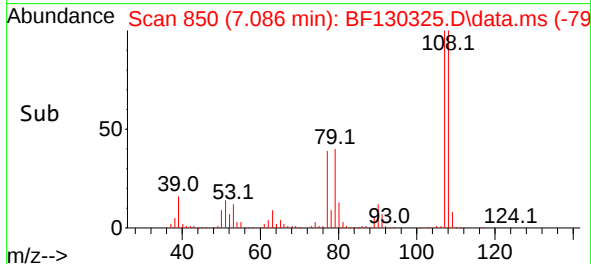
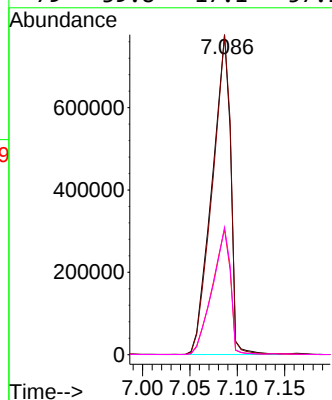
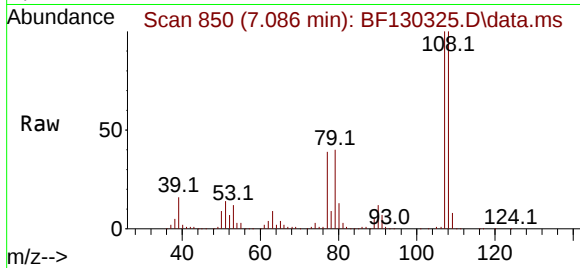




#20
3+4-Methylphenols
Concen: 143.734 ng
RT: 7.086 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

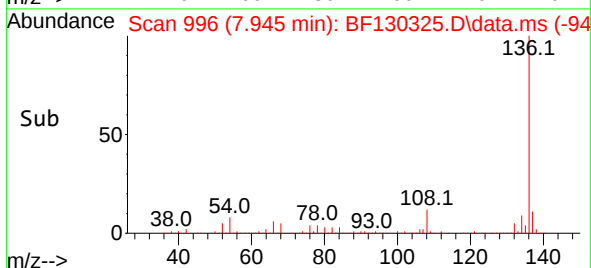
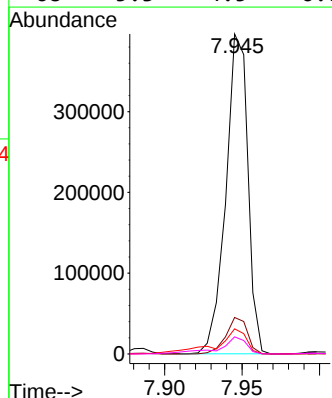
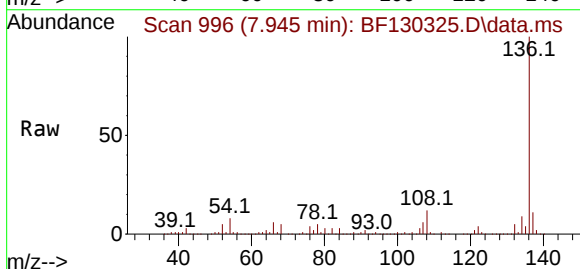
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

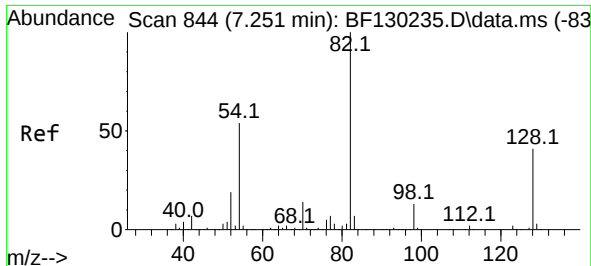
Tgt Ion:107 Resp: 1059357
Ion Ratio Lower Upper
107 100
108 100.1 74.8 114.8
77 39.3 125.8 165.8#
79 39.8 17.1 57.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.000 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion:136 Resp: 391268
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.9 7.1 10.7
68 5.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 7.583 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL2

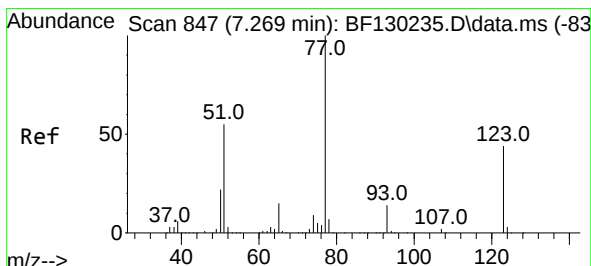
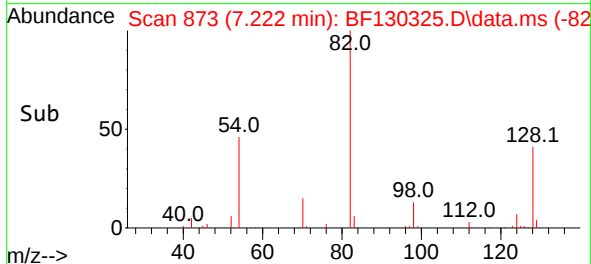
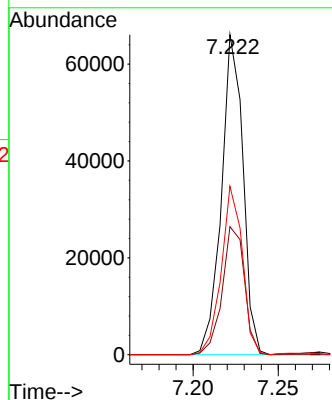
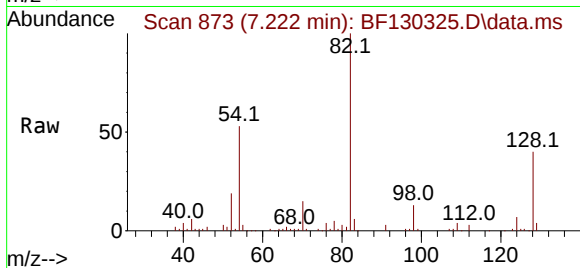
Tgt Ion: 82 Resp: 58077

Ion Ratio Lower Upper

82 100

128 40.0 32.6 49.0

54 52.6 43.8 65.6



#24

Nitrobenzene

Concen: 9.793 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.100 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

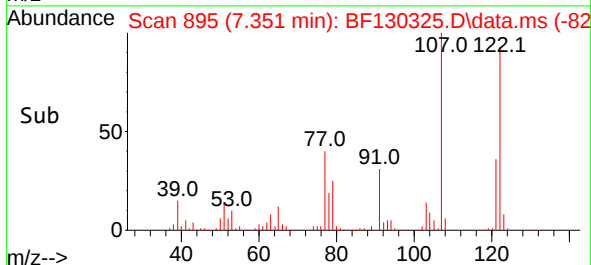
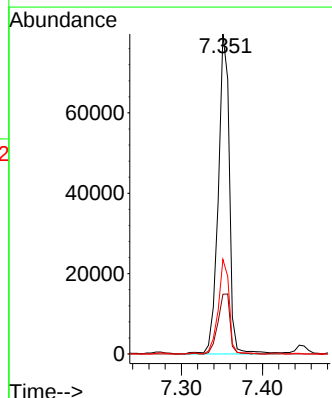
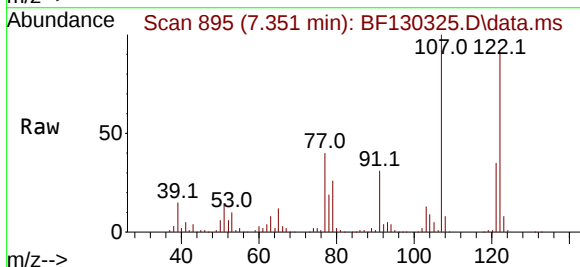
Tgt Ion: 77 Resp: 76154

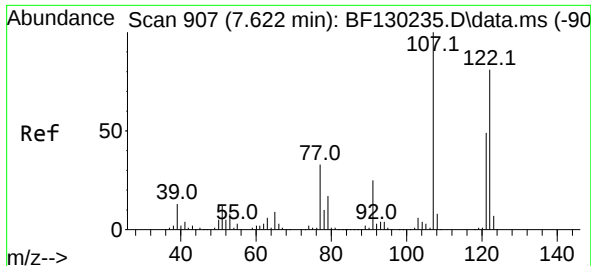
Ion Ratio Lower Upper

77 100

123 18.6 34.3 51.5#

65 29.5 12.0 18.0#





#27

2,4-Dimethylphenol

Concen: 262.335 ng

RT: 7.628 min Scan# 94

Delta R.T. 0.023 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL2

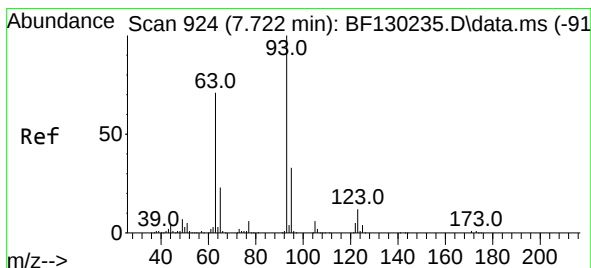
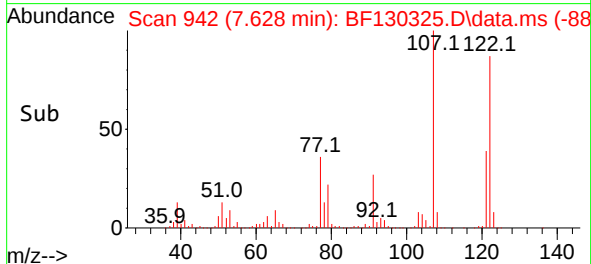
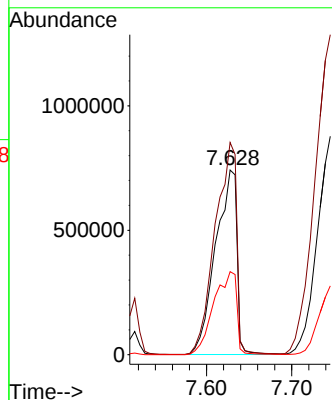
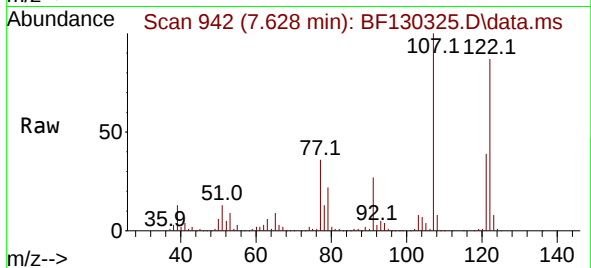
Tgt Ion:122 Resp: 1287662

Ion Ratio Lower Upper

122 100

107 114.9 100.2 150.2

121 45.0 47.8 71.8#



#28

bis(2-Chloroethoxy)methane

Concen: 25.838 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.070 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

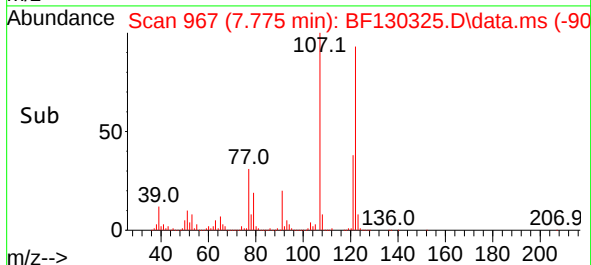
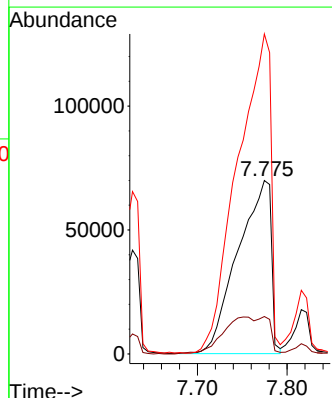
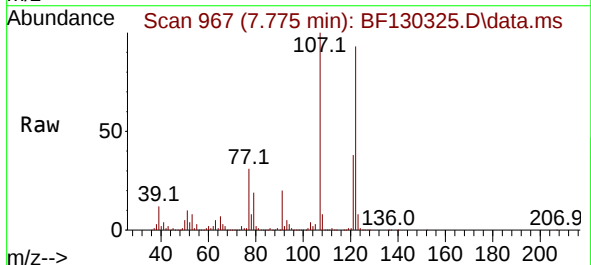
Tgt Ion: 93 Resp: 179592

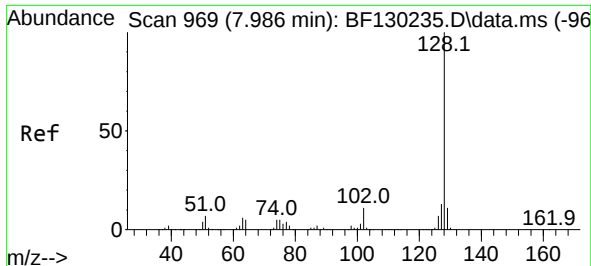
Ion Ratio Lower Upper

93 100

95 21.6 26.3 39.5#

123 184.5 9.4 14.2#

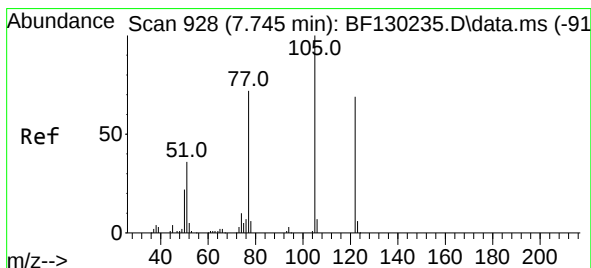
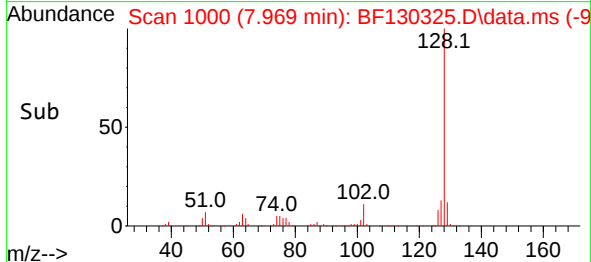
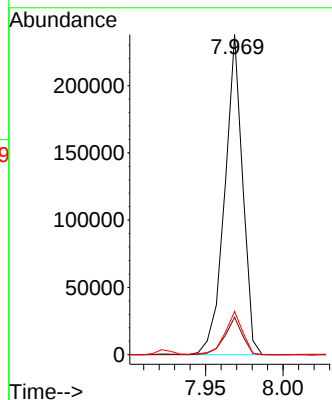
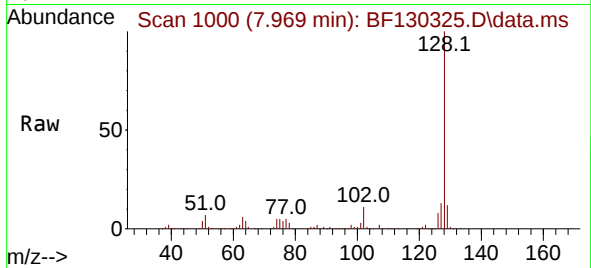




#31
Naphthalene
Concen: 9.481 ng
RT: 7.969 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

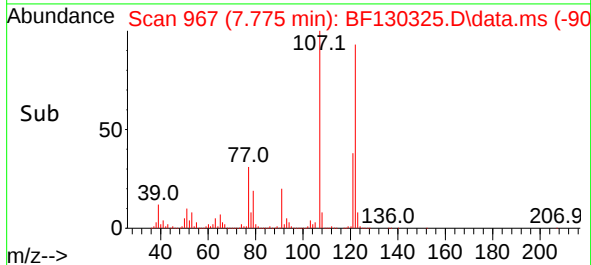
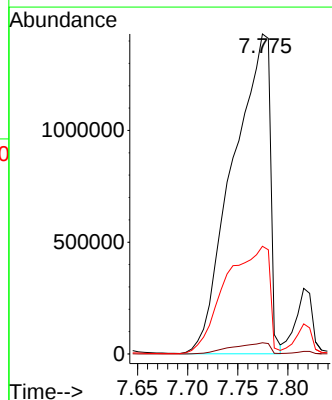
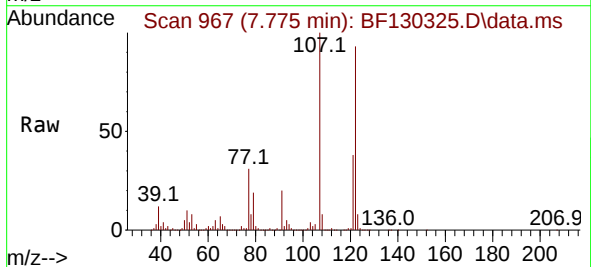
Instrument :
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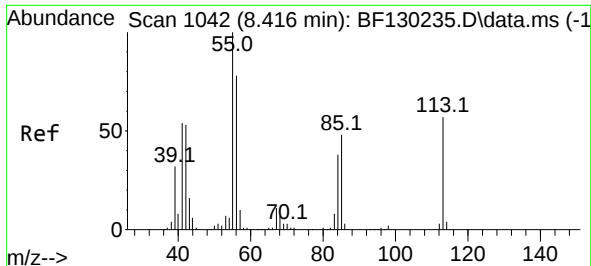
Tgt Ion:128 Resp: 191124
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 976.248 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.041 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion:122 Resp: 3705683
Ion Ratio Lower Upper
122 100
105 3.5 112.9 152.9#
77 33.6 82.8 122.8#

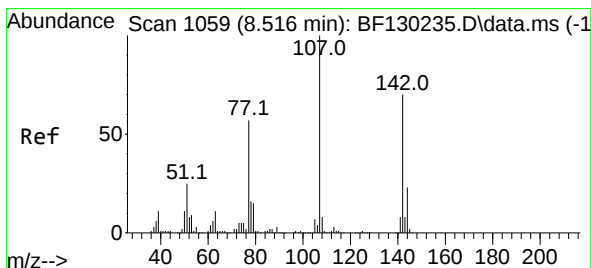
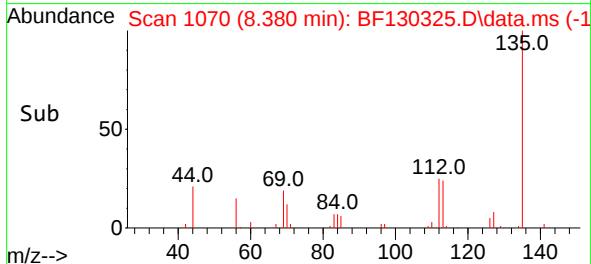
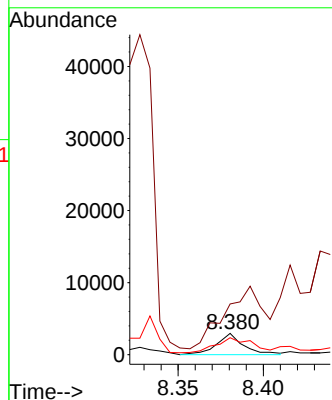
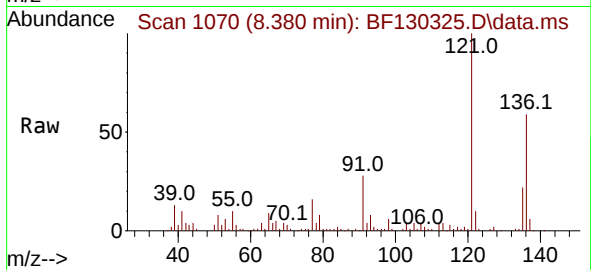




#35
 Caprolactam
 Concen: 2.123 ng
 RT: 8.380 min Scan# 1070
 Delta R.T. -0.024 min
 Lab File: BF130325.D
 Acq: 19 Sep 2022 17:34

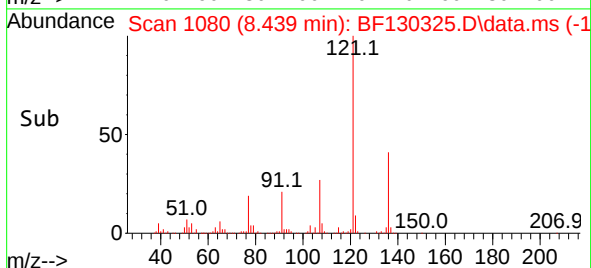
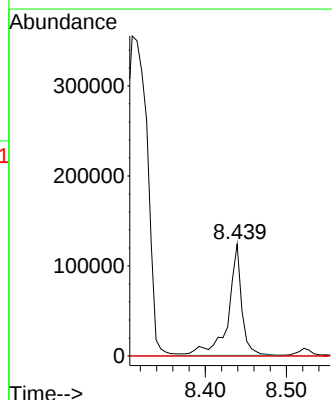
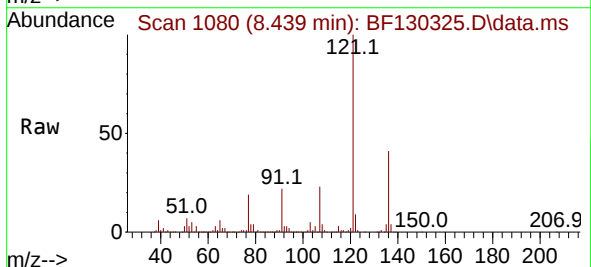
Instrument :
 BNA_F
 ClientSampleId :
 N48854-1040DL2

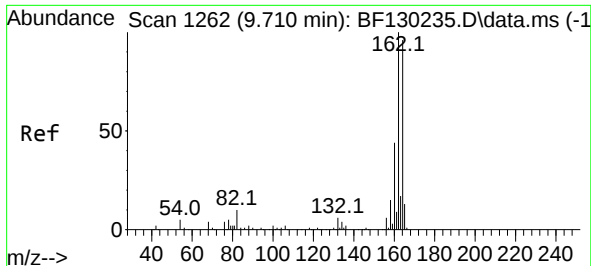
Tgt Ion:113 Resp: 3274
 Ion Ratio Lower Upper
 113 100
 55 238.9 155.4 195.4#
 56 79.9 120.4 160.4#



#36
 4-Chloro-3-methylphenol
 Concen: 23.901 ng
 RT: 8.439 min Scan# 1080
 Delta R.T. -0.065 min
 Lab File: BF130325.D
 Acq: 19 Sep 2022 17:34

Tgt Ion:107 Resp: 142497
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.0 30.0#
 142 0.0 61.3 91.9#

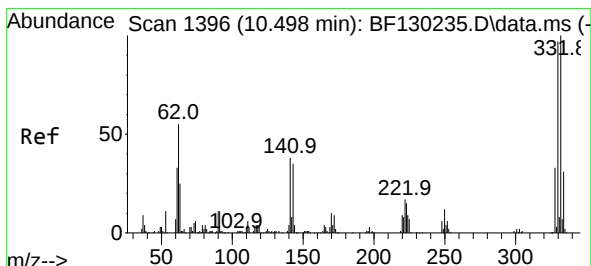
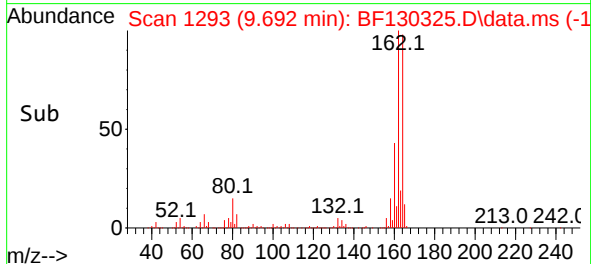
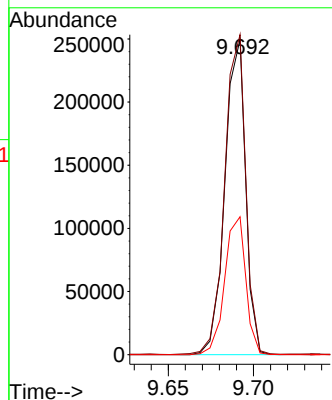
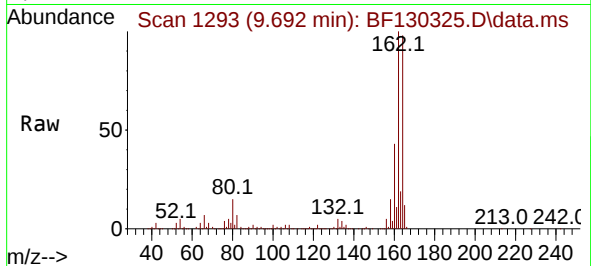




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

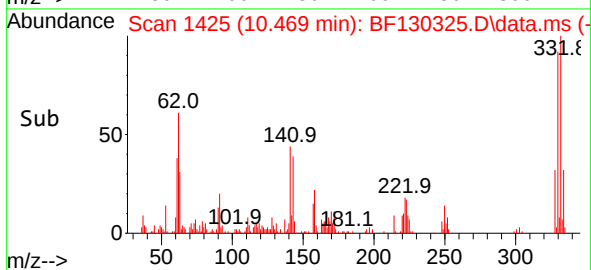
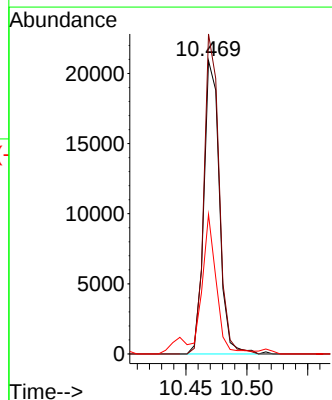
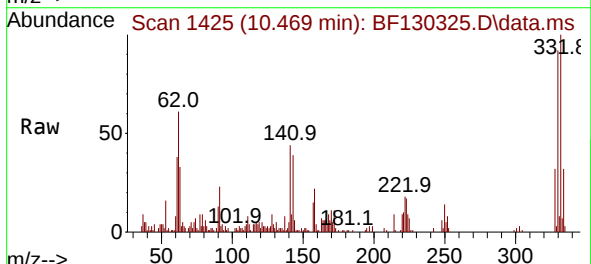
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

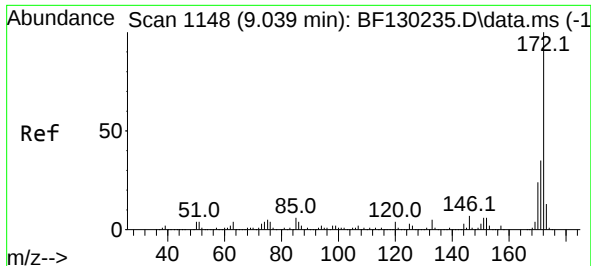
Tgt Ion:164 Resp: 210509
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 43.8 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 9.247 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion:330 Resp: 18652
Ion Ratio Lower Upper
330 100
332 105.6 83.4 125.2
141 48.6 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 7.234 ng

RT: 9.016 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL2

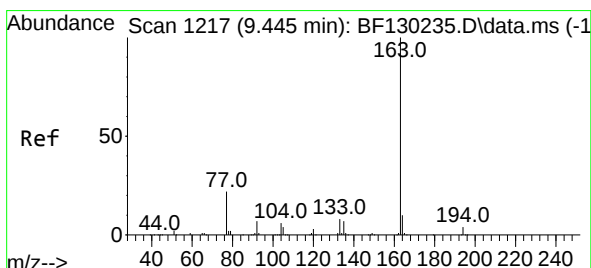
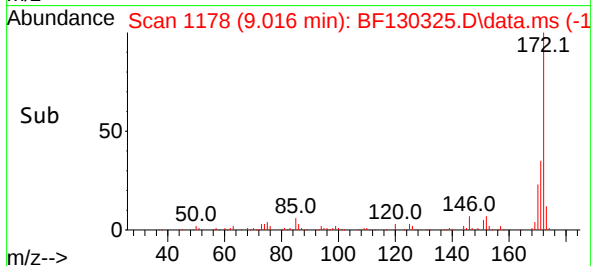
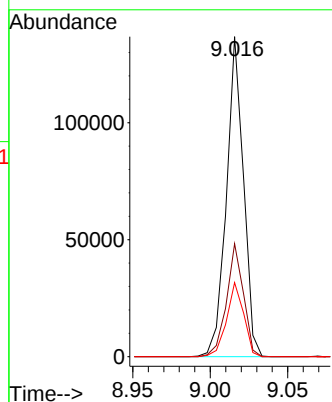
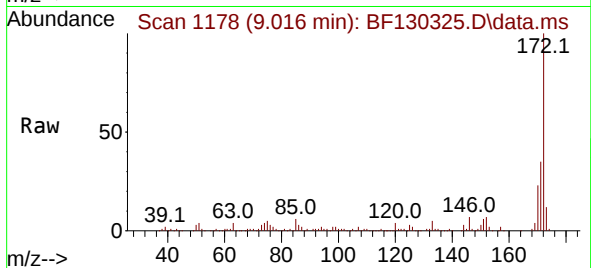
Tgt Ion:172 Resp: 104580

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.1 18.7 28.1



#50

Dimethylphthalate

Concen: 2.757 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.265 min

Lab File: BF130325.D

Acq: 19 Sep 2022 17:34

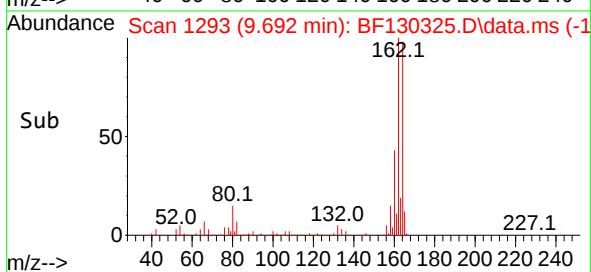
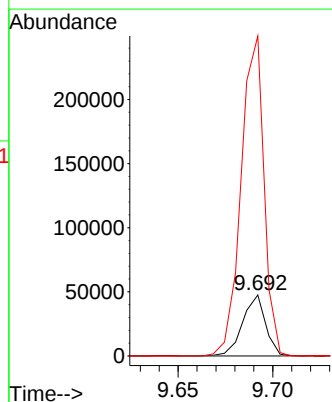
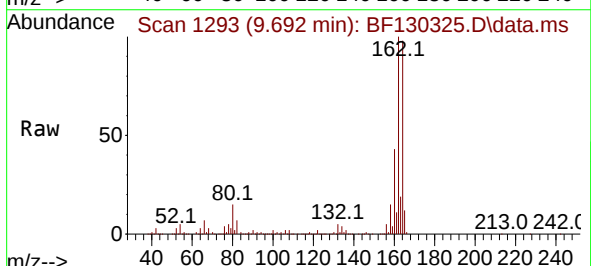
Tgt Ion:163 Resp: 40086

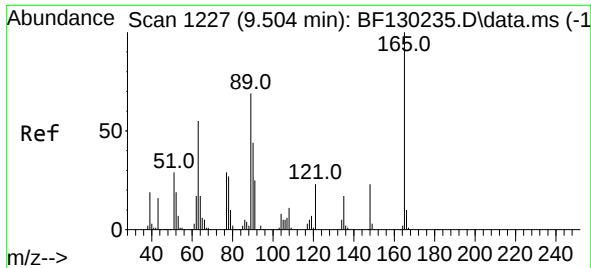
Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

164 524.2 8.2 12.2#

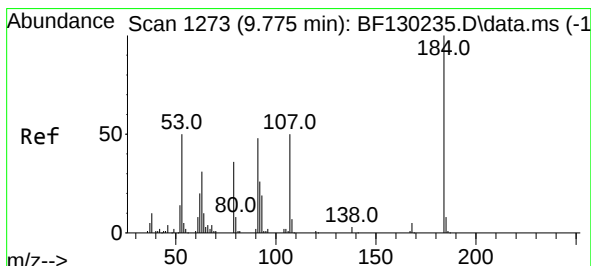
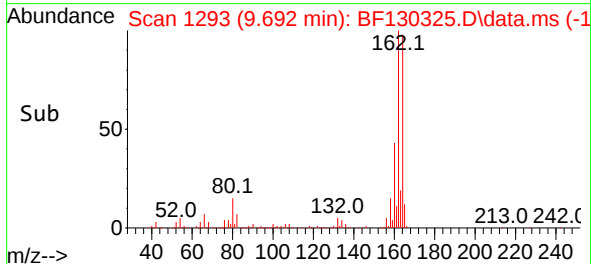
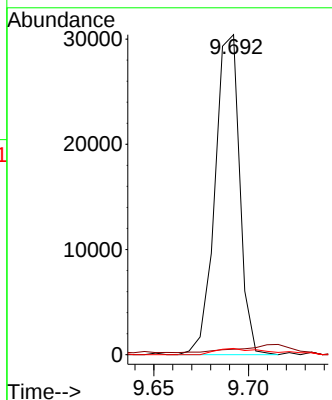
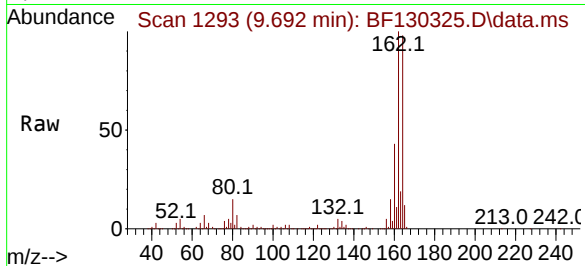




#51
2,6-Dinitrotoluene
Concen: 9.056 ng
RT: 9.692 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

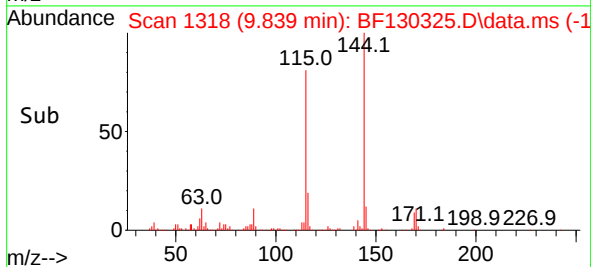
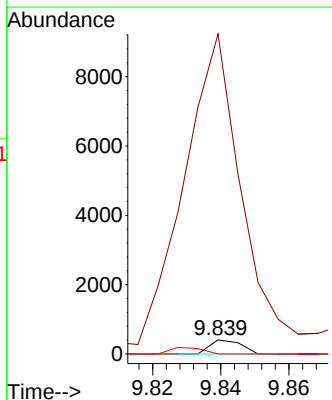
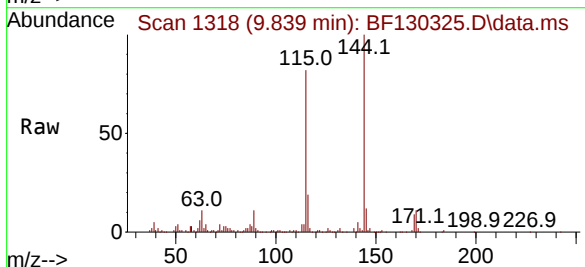
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

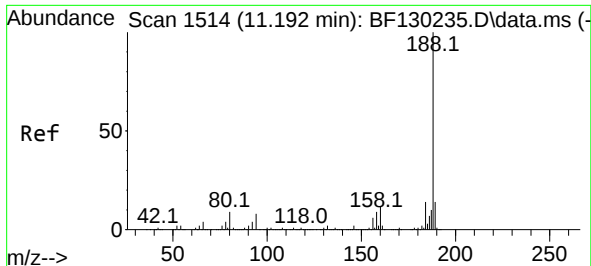
Tgt Ion:165 Resp: 27541
Ion Ratio Lower Upper
165 100
63 1.7 58.8 88.2#
89 2.0 54.5 81.7#



#54
2,4-Dinitrophenol
Concen: 6.398 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.082 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion:184 Resp: 257
Ion Ratio Lower Upper
184 100
63 2279.8 70.0 105.0#
154 0.0 63.0 94.6#

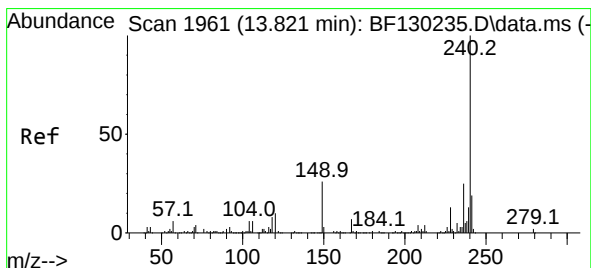
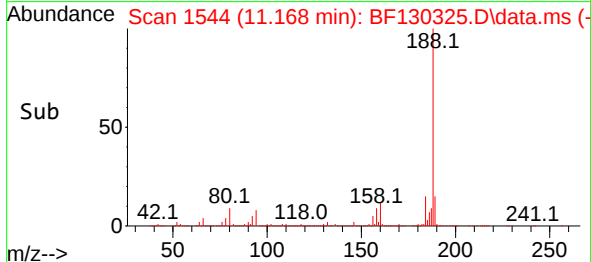
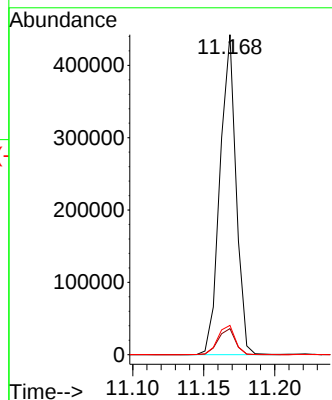
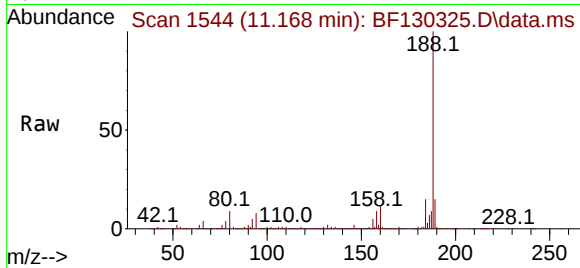




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.168 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

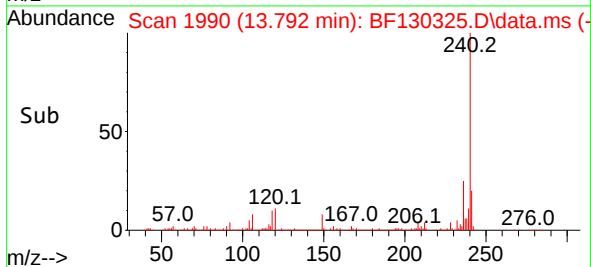
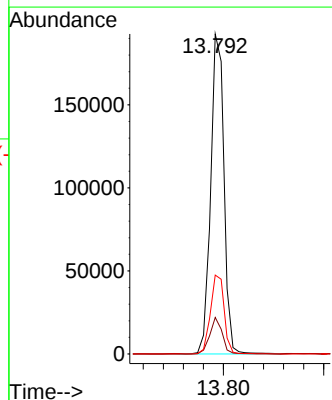
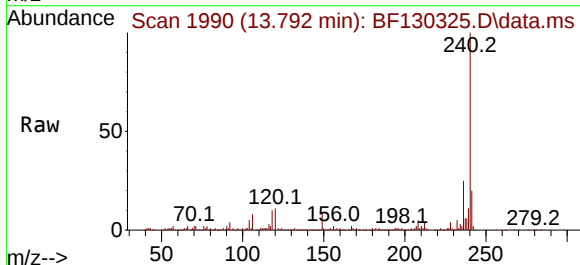
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

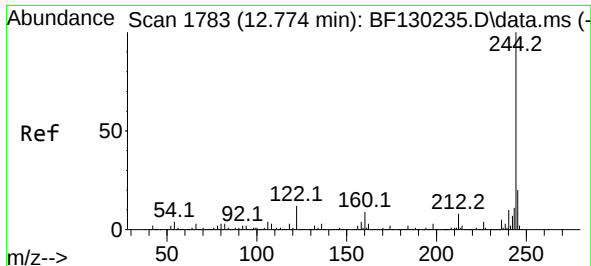
Tgt Ion:188 Resp: 348088
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

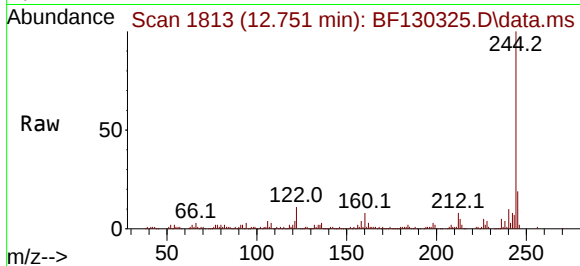
Tgt Ion:240 Resp: 177860
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 24.6 20.9 31.3



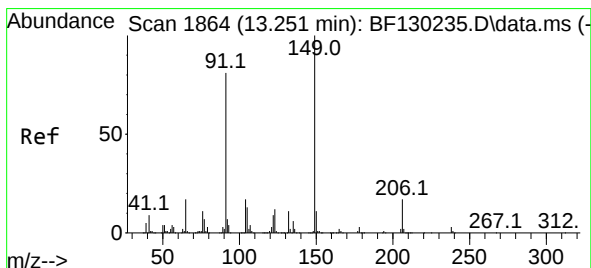
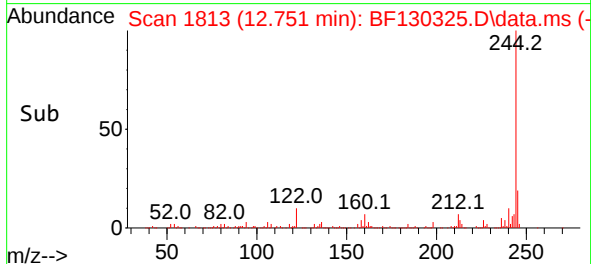
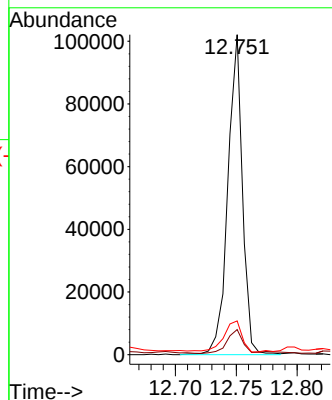


#79
 Terphenyl-d14
 Concen: 7.926 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130325.D
 Acq: 19 Sep 2022 17:34

Instrument :
 BNA_F
 ClientSampleId :
 N48854-1040DL2

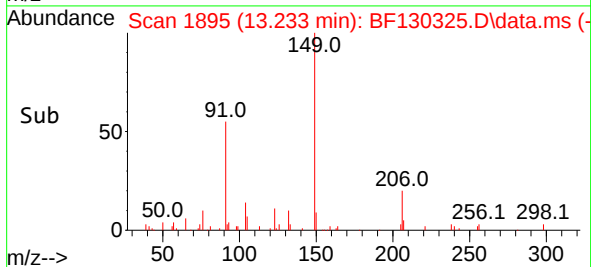
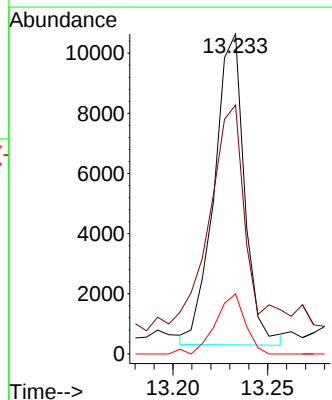
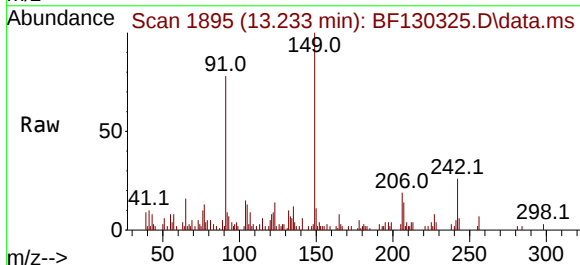


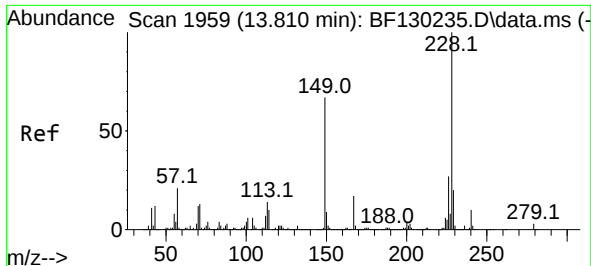
Tgt Ion:244 Resp: 85099
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 10.6 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 2.003 ng
 RT: 13.233 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: BF130325.D
 Acq: 19 Sep 2022 17:34

Tgt Ion:149 Resp: 11547
 Ion Ratio Lower Upper
 149 100
 91 77.8 59.8 89.8
 206 18.8 13.9 20.9

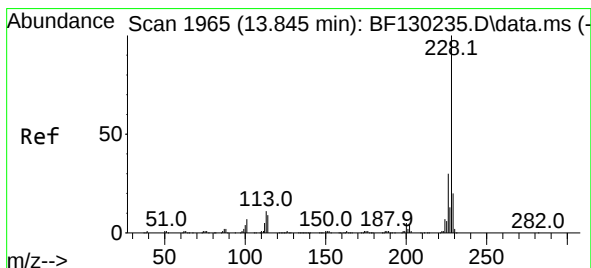
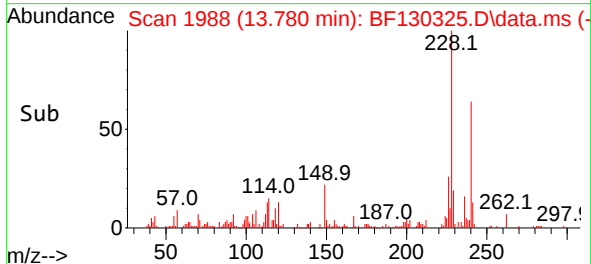
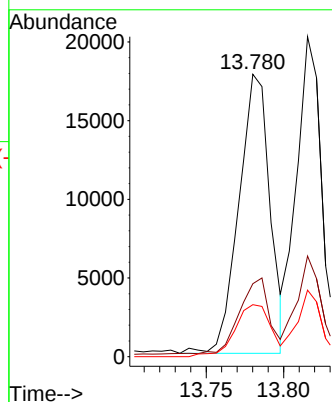
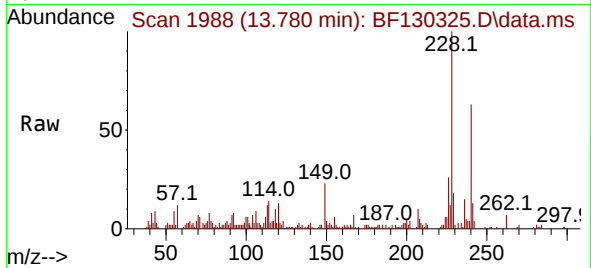




#81
Benzo(a)anthracene
Concen: 2.090 ng
RT: 13.780 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

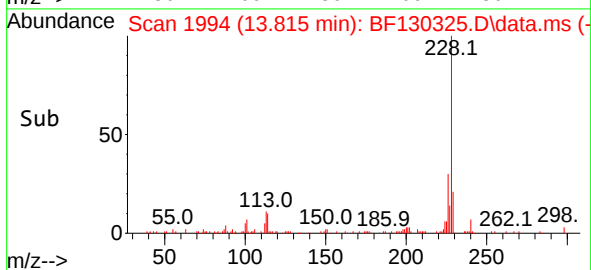
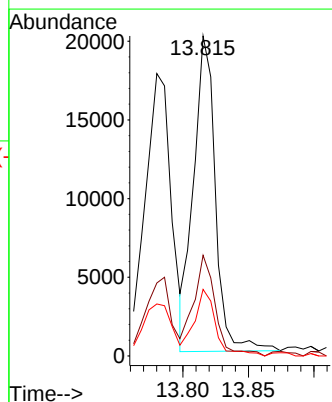
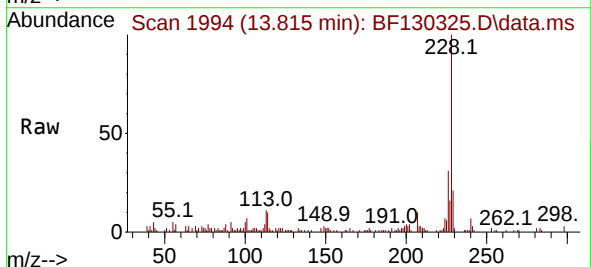
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

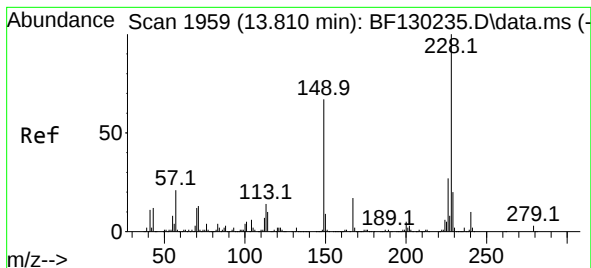
Tgt Ion:228 Resp: 24733
Ion Ratio Lower Upper
228 100
226 25.9 21.9 32.9
229 18.4 16.1 24.1



#83
Chrysene
Concen: 2.068 ng
RT: 13.815 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion:228 Resp: 23229
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.8
229 20.8 15.3 22.9

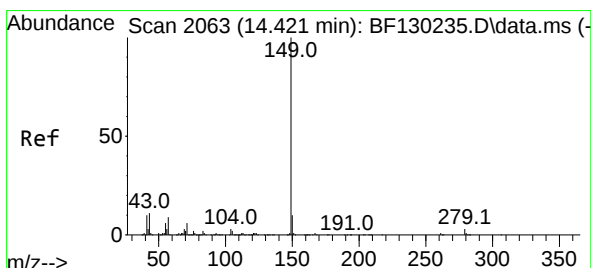
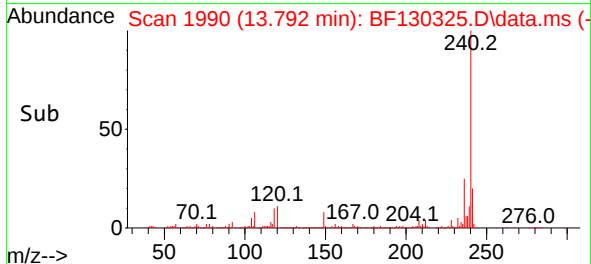
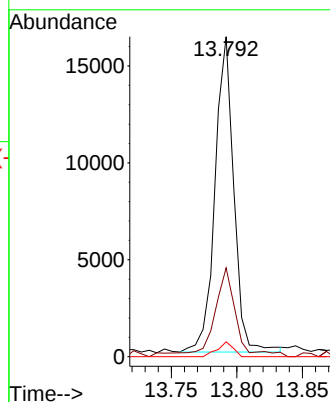
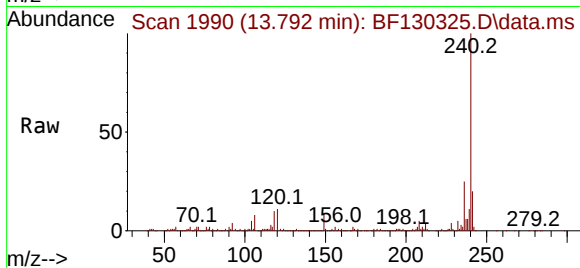




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.456 ng
RT: 13.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

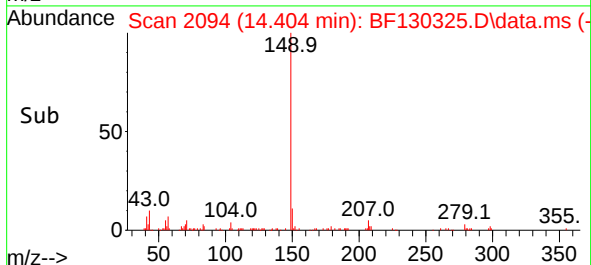
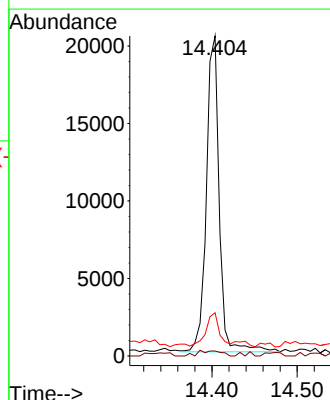
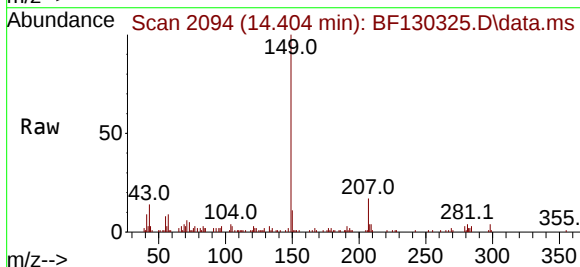
Instrument :
BNA_F
ClientSampleId :
N48854-1040DL2

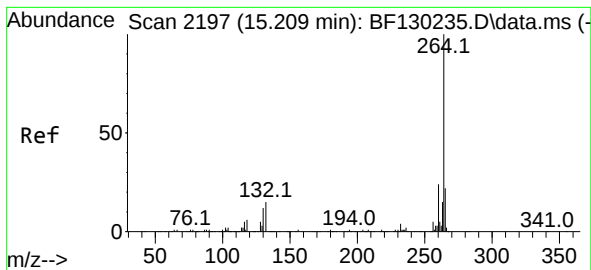
Tgt Ion:149 Resp: 16216
Ion Ratio Lower Upper
149 100
167 27.8 20.5 30.7
279 4.6 2.9 4.3#



#85
Di-n-octyl phthalate
Concen: 2.117 ng
RT: 14.404 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BF130325.D
Acq: 19 Sep 2022 17:34

Tgt Ion:149 Resp: 21382
Ion Ratio Lower Upper
149 100
167 3.0 1.2 1.8#
43 11.3 8.7 13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.180 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130325.D

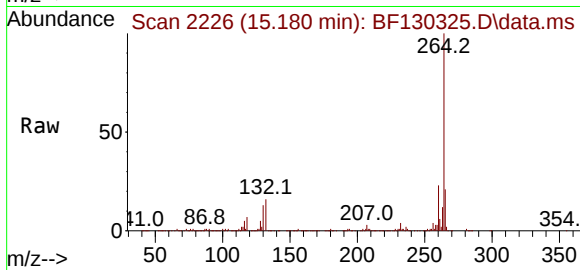
Acq: 19 Sep 2022 17:34

Instrument :

BNA_F

ClientSampleId :

N48854-1040DL2



Tgt Ion:264 Resp: 200840

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 21.2 17.0 25.4

