

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131402.D
 Acq On : 25 Nov 2022 18:43
 Operator : CG\JU
 Sample : N5741-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:11:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

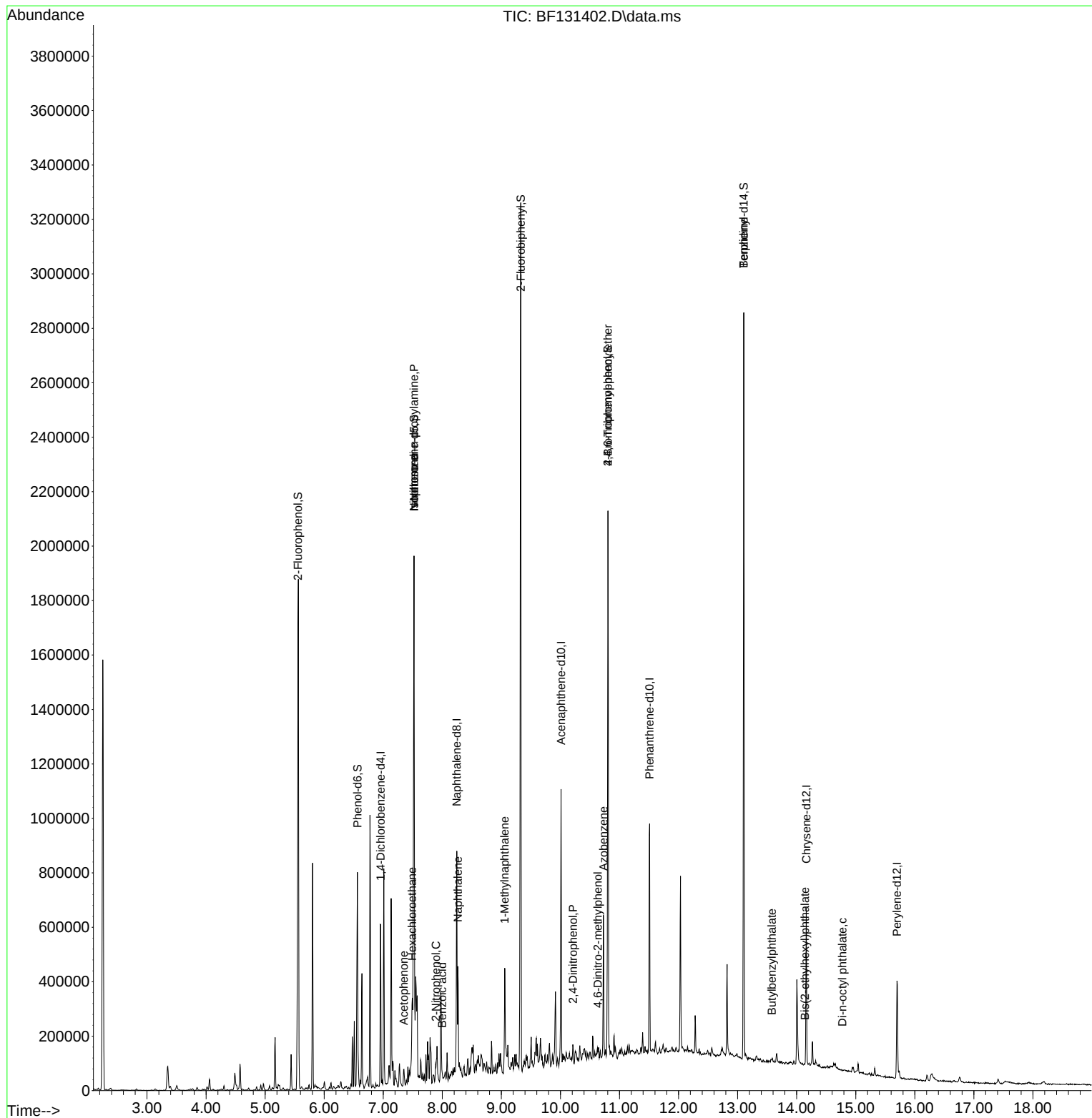
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	90112	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	321332	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	180881	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	317053	20.000	ng	0.00
76) Chrysene-d12	14.162	240	192897	20.000	ng	-0.01
86) Perylene-d12	15.698	264	172339	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	272516	57.557	ng	0.00
7) Phenol-d6	6.563	99	218274	36.132	ng	-0.02
23) Nitrobenzene-d5	7.522	82	511912	80.306	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	232693	152.910	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	938867	75.513	ng	0.00
79) Terphenyl-d14	13.104	244	957786	81.195	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	8889	Below Cal	#	1
18) Hexachloroethane	7.486	117	11606	4.994	ng	# 1
19) n-Nitroso-di-n-propyla...	7.522	70	78813	17.822	ng	# 77
22) Acetophenone	7.345	105	18130	2.217	ng	# 60
25) Isophorone	7.522	82	509090	44.764	ng	# 68
26) 2-Nitrophenol	7.892	139	90	3.625	ng	# 1
31) Naphthalene	8.263	128	128899	7.528	ng	100
32) Benzoic acid	7.998	122	3283	6.527	ng	# 50
38) 1-Methylnaphthalene	9.057	142	43011	3.823	ng	100
54) 2,4-Dinitrophenol	10.216	184	54	4.956	ng	# 1
63) Azobenzene	10.727	77	88779	6.939	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.633	198	231	4.763	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	15738	4.050	ng	# 1
77) Benzidine	13.104	184	14331	4.022	ng	94
80) Butylbenzylphthalate	13.580	149	787	4.269	ng	# 59
84) Bis(2-ethylhexyl)phtha...	14.139	149	2125	4.007	ng	# 78
85) Di-n-octyl phthalate	14.774	149	332	3.937	ng	# 1

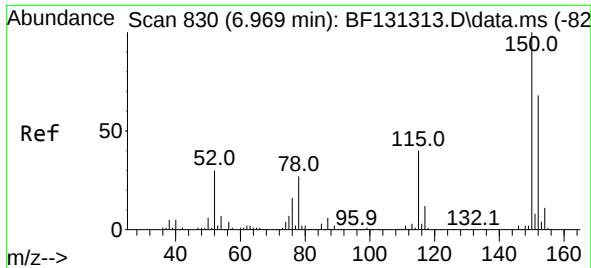
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
Data File : BF131402.D
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Instrument :
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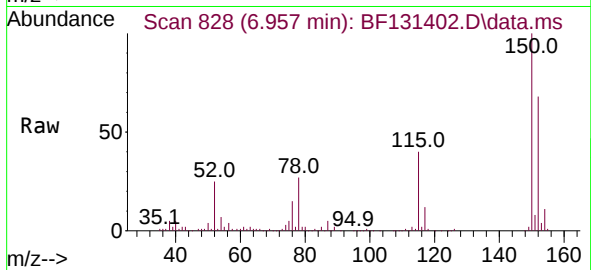
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
Response via : Initial Calibration



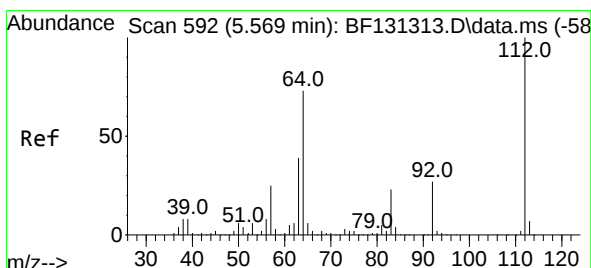
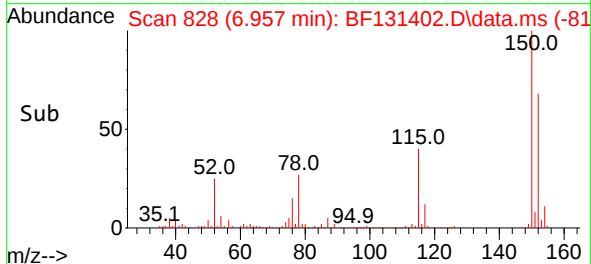
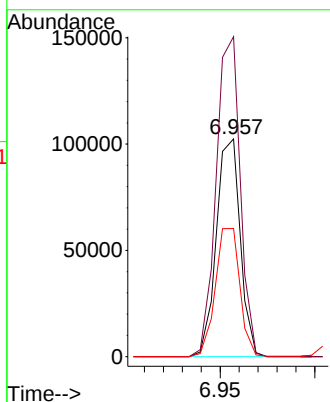


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Instrument :
BNA_F
ClientSampleId :

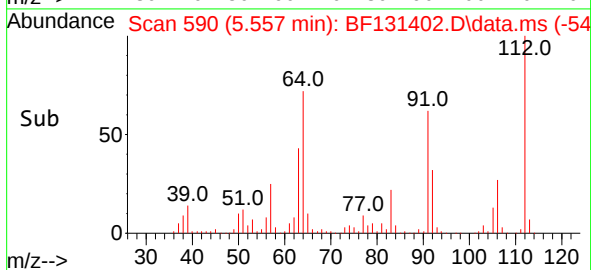
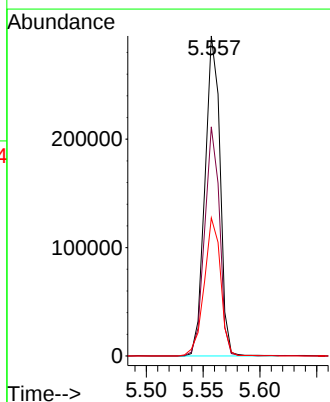
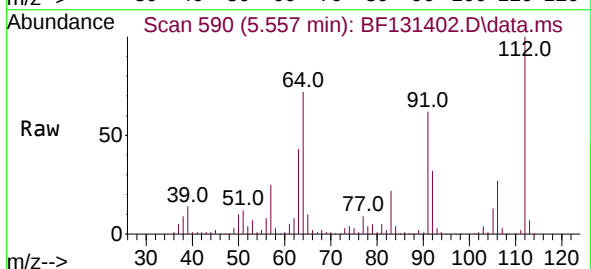


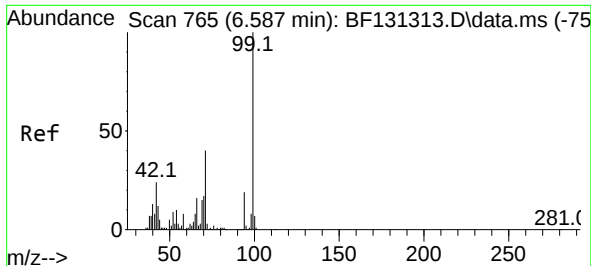
Tgt Ion:152 Resp: 90112
Ion Ratio Lower Upper
152 100
150 146.9 117.8 176.8
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 57.557 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion:112 Resp: 272516
Ion Ratio Lower Upper
112 100
64 71.6 58.6 88.0
63 43.2 31.4 47.0

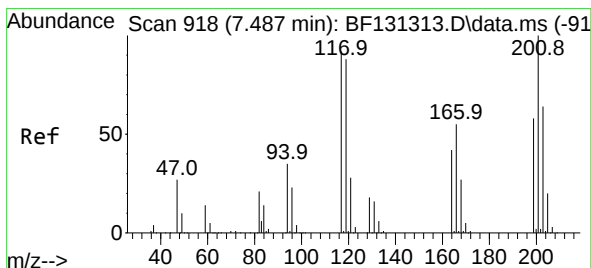
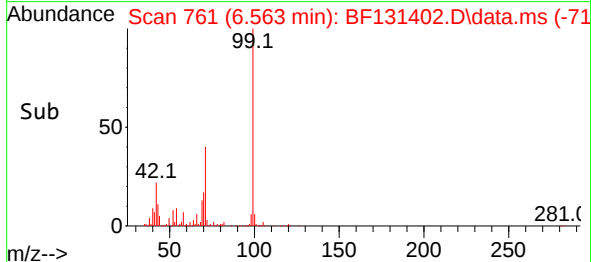
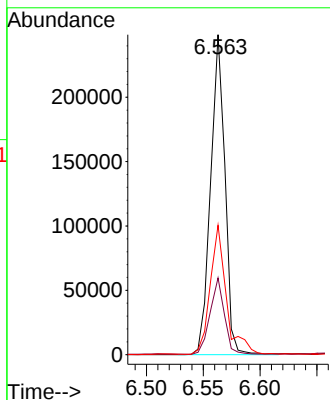
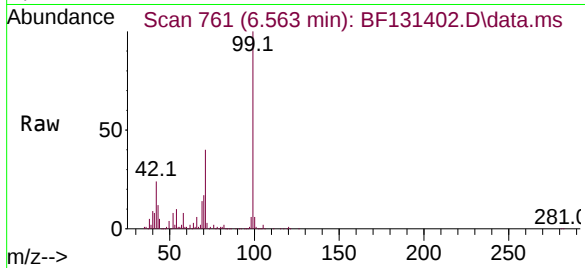




#7
Phenol-d6
Concen: 36.132 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

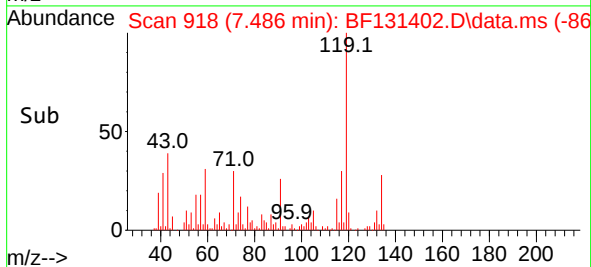
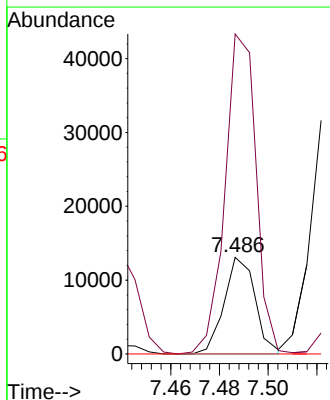
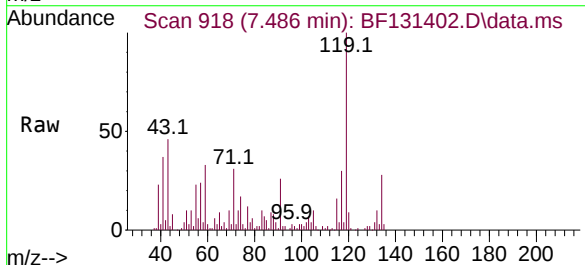
Instrument :
BNA_F
ClientSampleId :

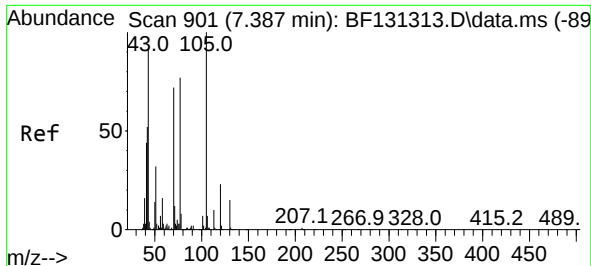
Tgt Ion: 99 Resp: 218274
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 40.5 32.3 48.5



#18
Hexachloroethane
Concen: 4.994 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.012 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

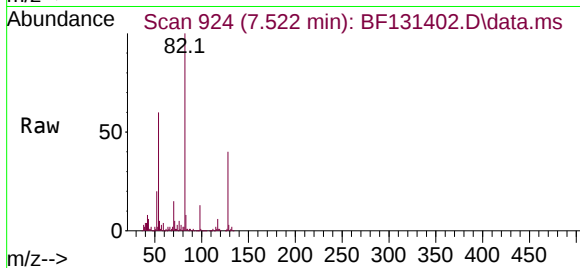
Tgt Ion: 117 Resp: 11606
Ion Ratio Lower Upper
117 100
119 330.8 76.6 115.0#
201 0.0 87.0 130.6#



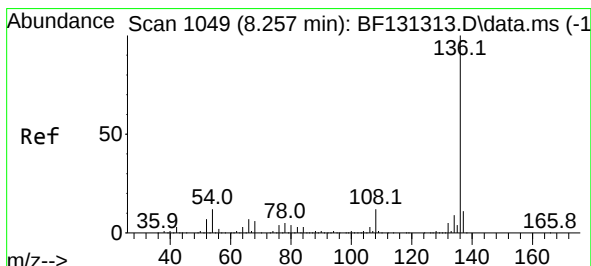
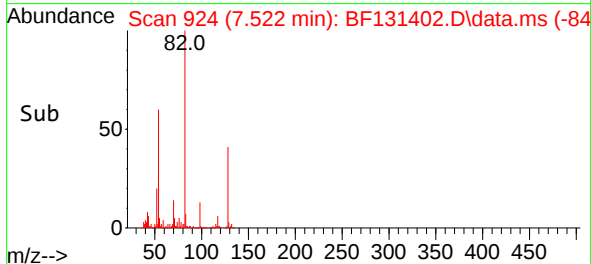
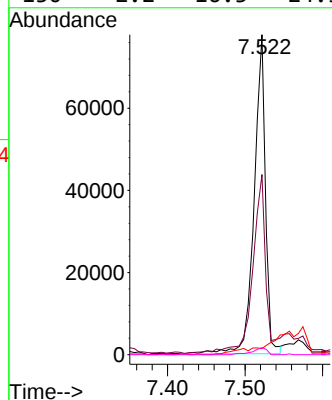


#19
n-Nitroso-di-n-propylamine
Concen: 17.822 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Instrument :
BNA_F
ClientSampleId :

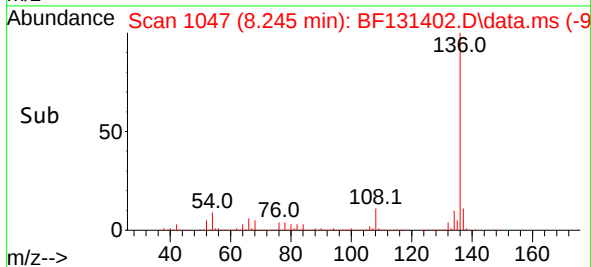
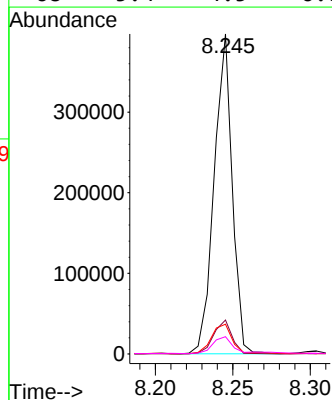
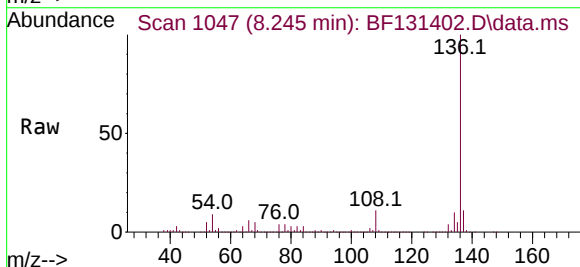


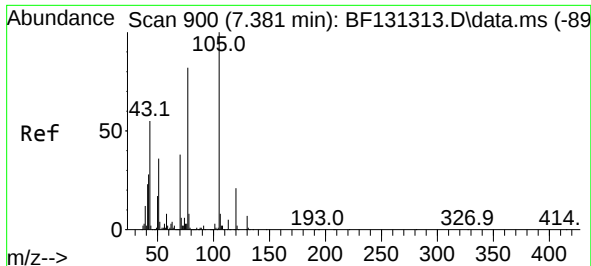
Tgt Ion: 70 Resp: 78813
Ion Ratio Lower Upper
70 100
42 56.3 57.6 86.4#
101 1.9 8.2 12.2#
130 2.2 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

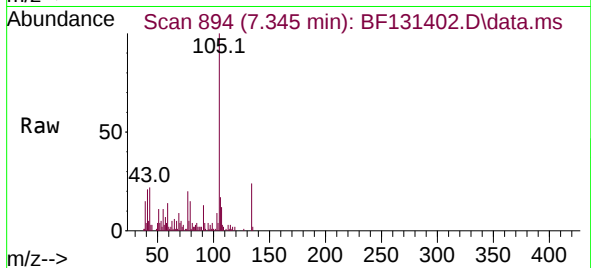
Tgt Ion: 136 Resp: 321332
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.3 9.4 14.0#
68 5.4 4.5 6.7



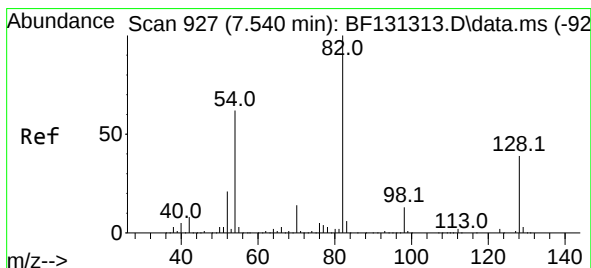
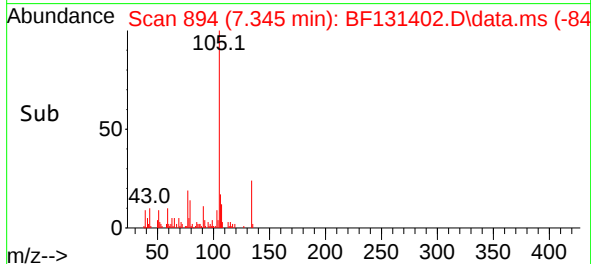
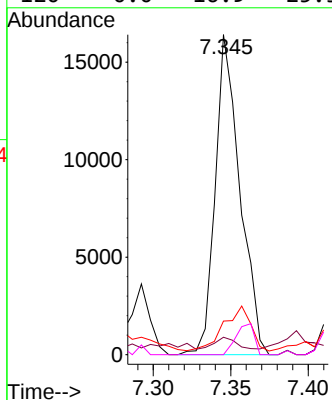


#22
Acetophenone
Concen: 2.217 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.029 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Instrument :
BNA_F
ClientSampleId :

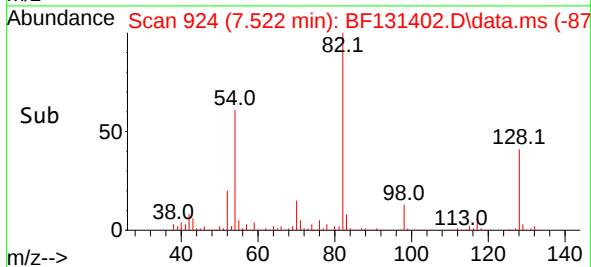
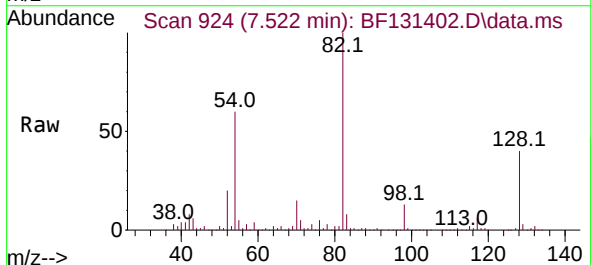
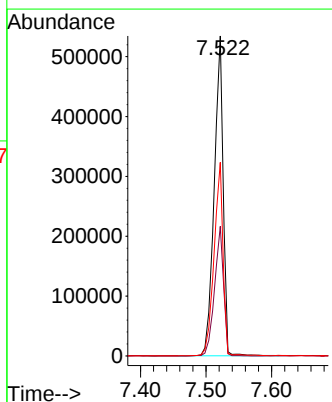


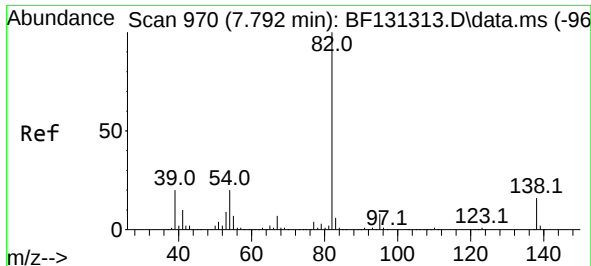
Tgt Ion:	105	Resp:	18130
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.9	7.3
51	10.5	29.0	43.4#
120	0.0	16.9	25.3#



#23
Nitrobenzene-d5
Concen: 80.306 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

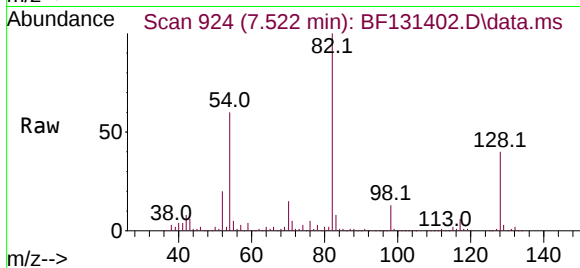
Tgt Ion:	82	Resp:	511912
Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.4	47.0
54	60.5	49.8	74.6



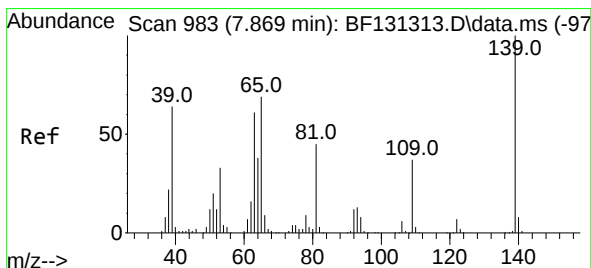
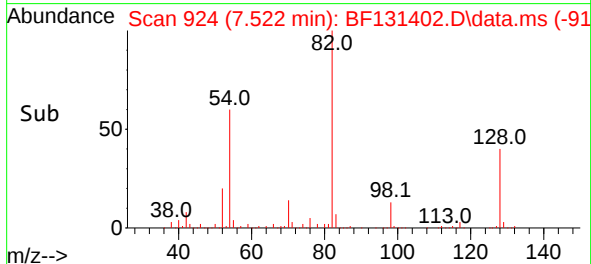
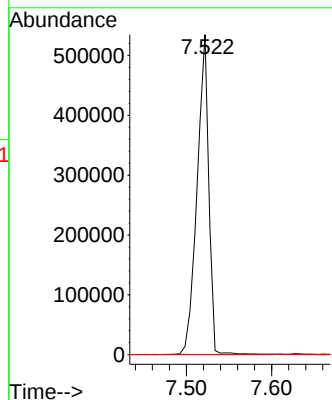


#25
Isophorone
Concen: 44.764 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Instrument :
BNA_F
ClientSampleId :

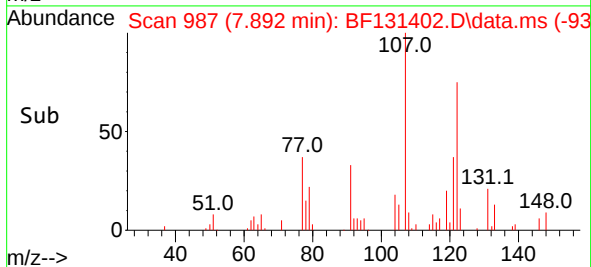
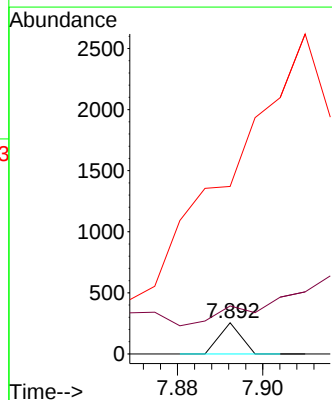
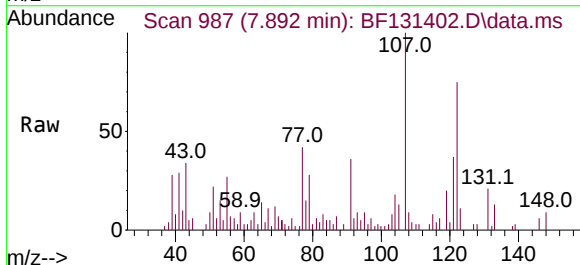


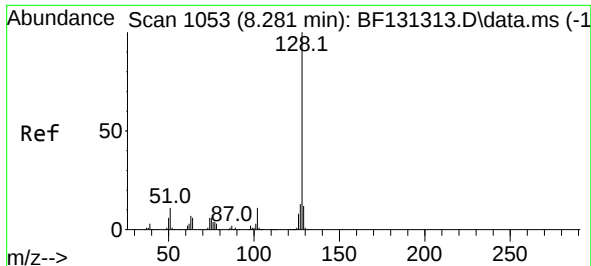
Tgt Ion: 82 Resp: 509090
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.625 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.029 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion:139 Resp: 90
Ion Ratio Lower Upper
139 100
109 154.1 29.9 44.9#
65 537.6 55.7 83.5#

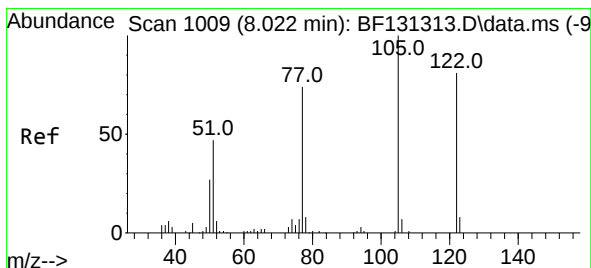
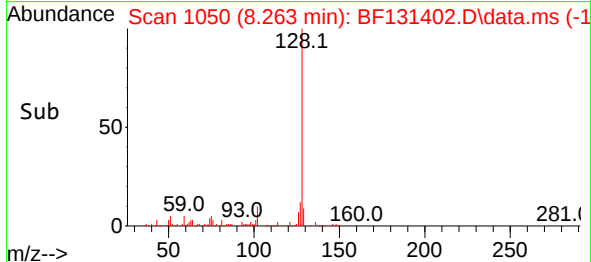
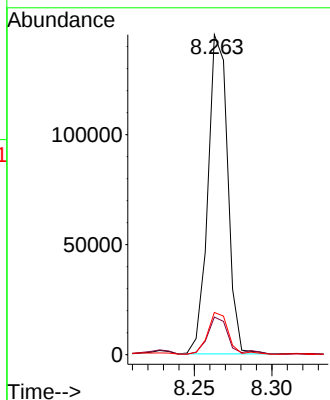
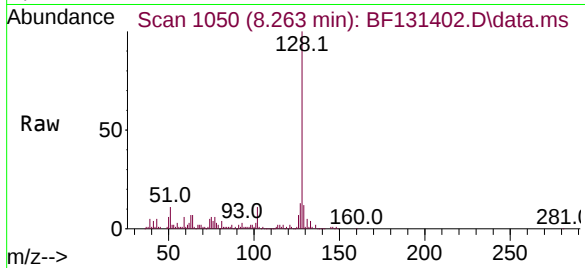




#31
Naphthalene
Concen: 7.528 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.012 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

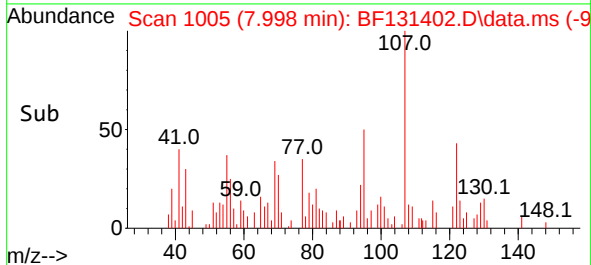
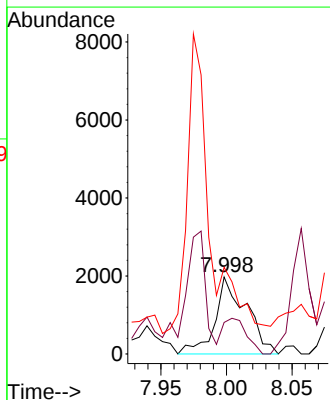
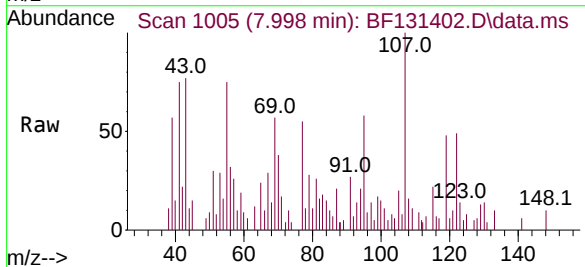
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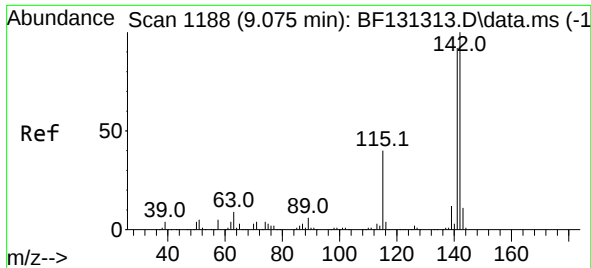
Tgt Ion:128 Resp: 128899
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 6.527 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion:122 Resp: 3283
Ion Ratio Lower Upper
122 100
105 41.0 103.8 143.8#
77 112.5 74.3 114.3

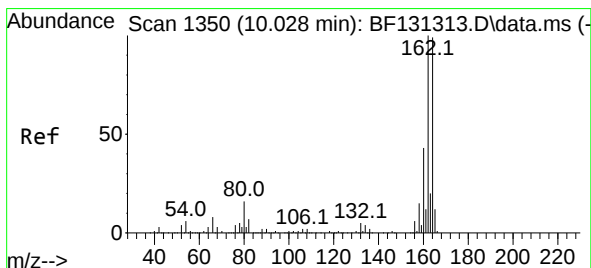
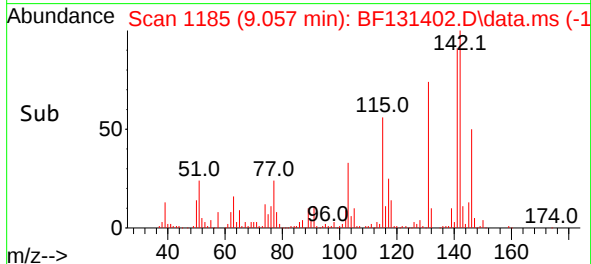
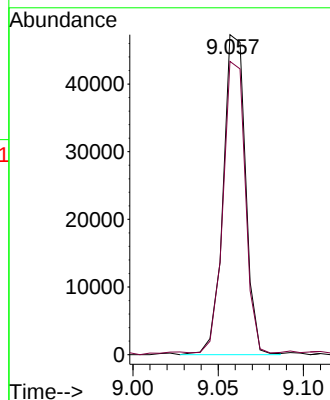
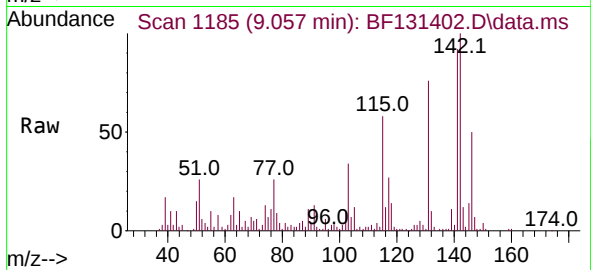




#38
1-Methylnaphthalene
Concen: 3.823 ng
RT: 9.057 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

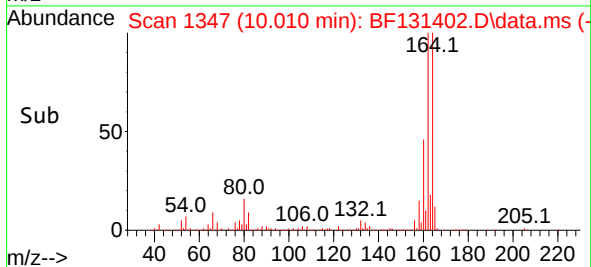
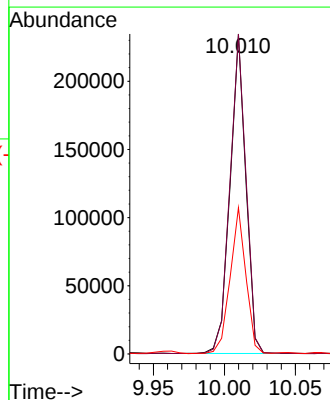
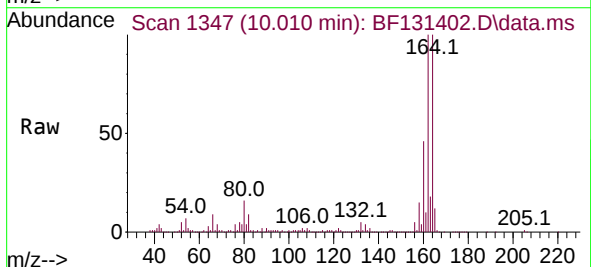
Instrument :
BNA_F
ClientSampleId :

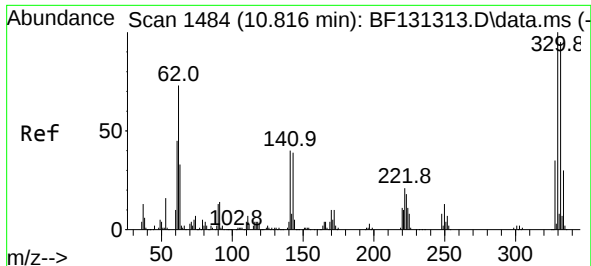
Tgt Ion:142 Resp: 43011
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion:164 Resp: 180881
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 45.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 152.910 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

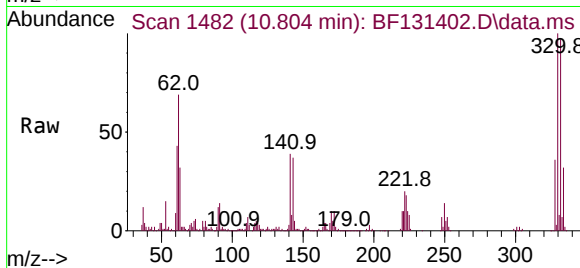
Lab File: BF131402.D

Acq: 25 Nov 2022 18:43

Instrument :

BNA_F

ClientSampleId :



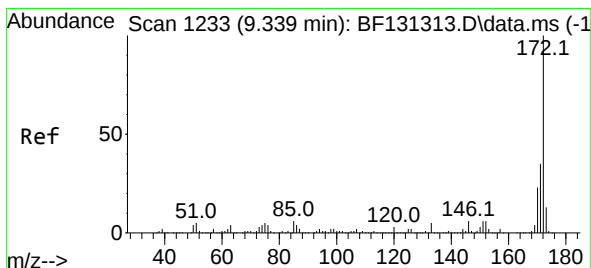
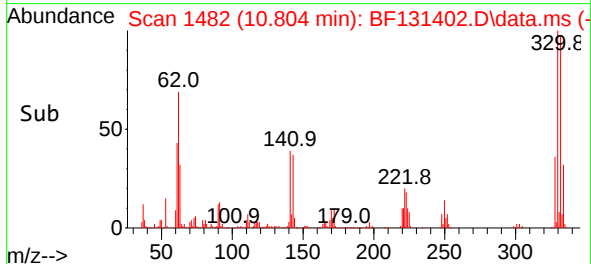
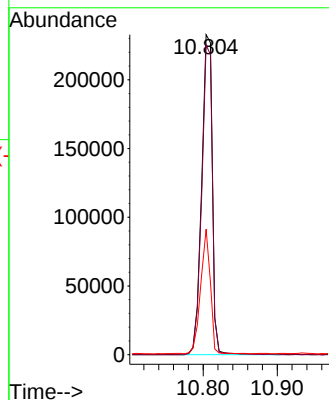
Tgt Ion:330 Resp: 232693

Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 35.7 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 75.513 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131402.D

Acq: 25 Nov 2022 18:43

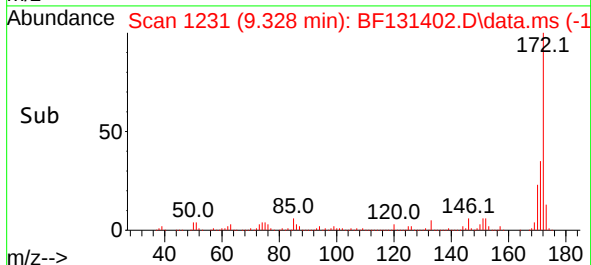
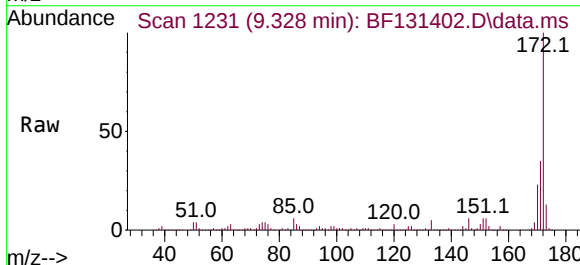
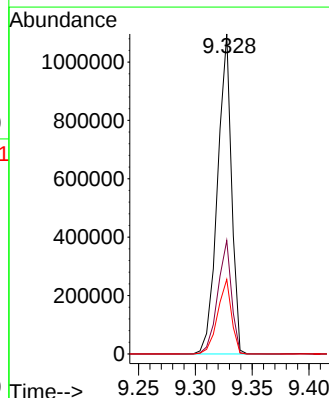
Tgt Ion:172 Resp: 938867

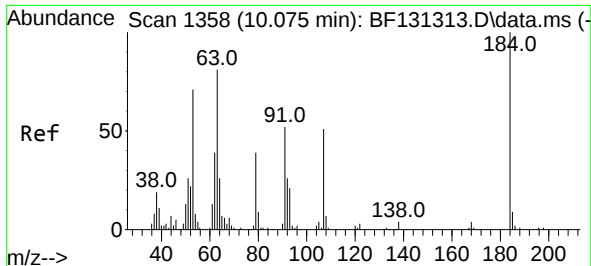
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.3 18.7 28.1

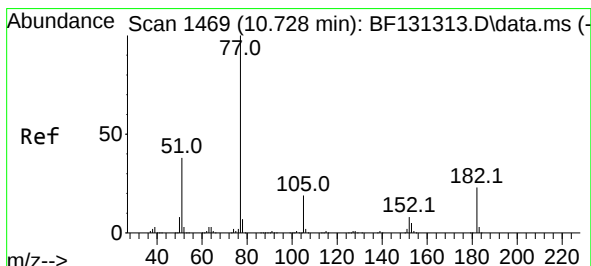
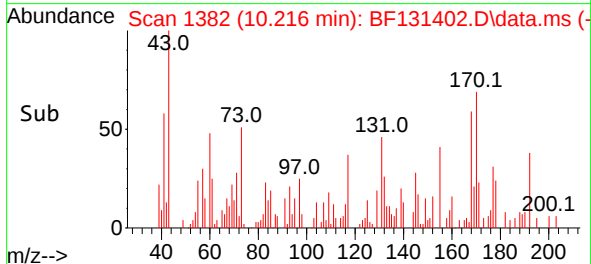
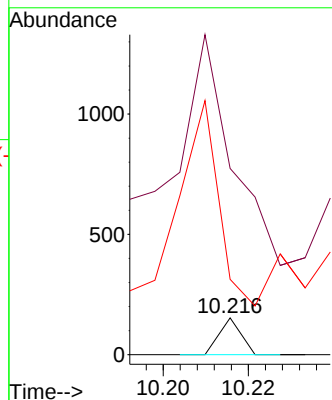
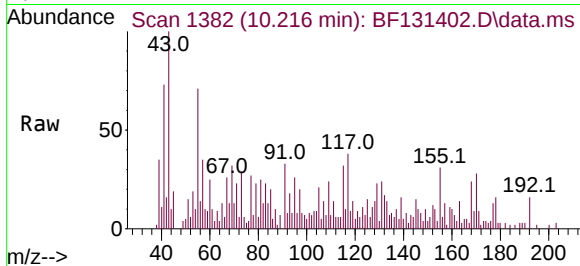




#54
2,4-Dinitrophenol
Concen: 4.956 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

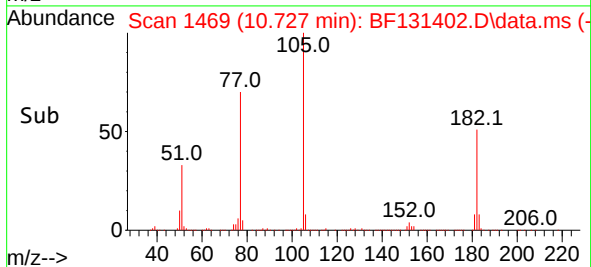
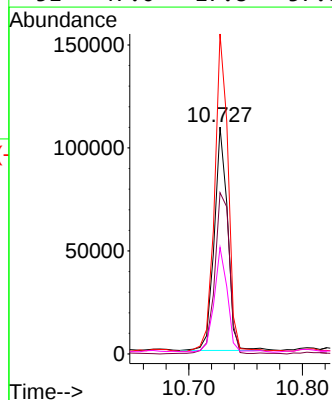
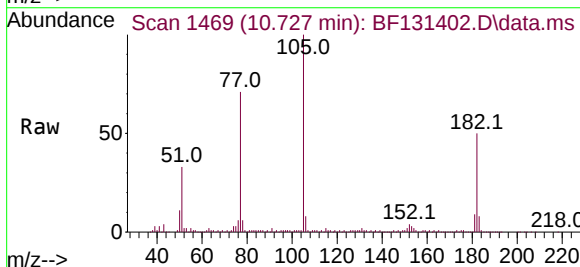
Instrument :
BNA_F
ClientSampleId :

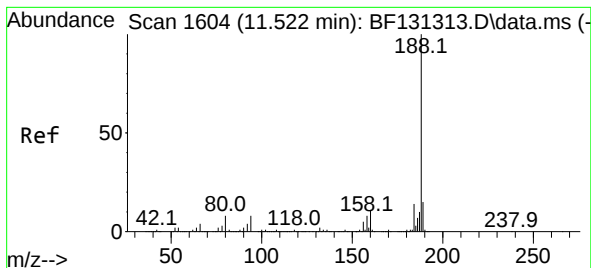
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 505.9 72.1 108.1#
154 204.6 56.3 84.5#



#63
Azobenzene
Concen: 6.939 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion: 77 Resp: 88779
Ion Ratio Lower Upper
77 100
182 71.1 3.1 43.1#
105 141.1 0.0 39.2#
51 47.0 17.8 57.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131402.D

Acq: 25 Nov 2022 18:43

Instrument :

BNA_F

ClientSampleId :

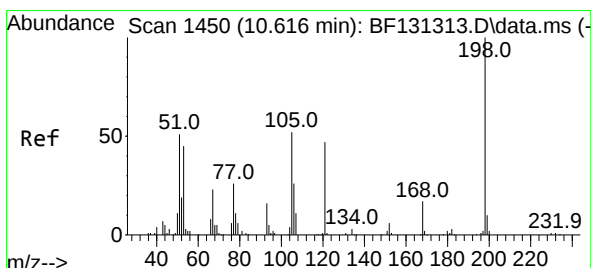
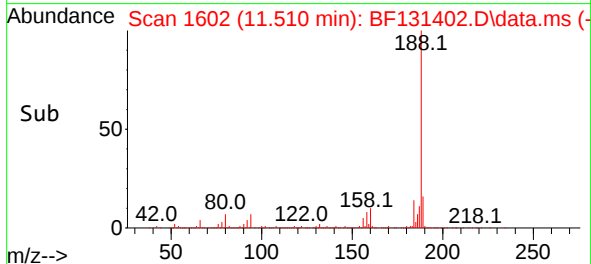
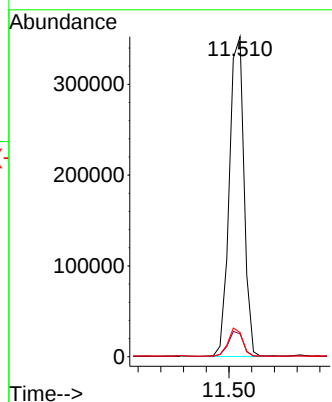
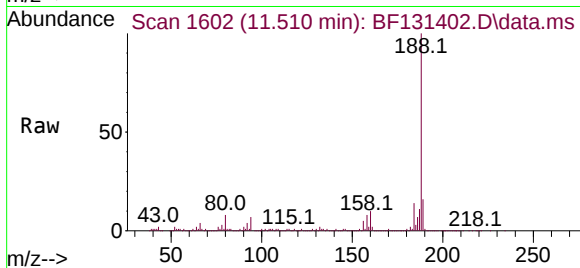
Tgt Ion:188 Resp: 317053

Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

80 7.6 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.763 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.024 min

Lab File: BF131402.D

Acq: 25 Nov 2022 18:43

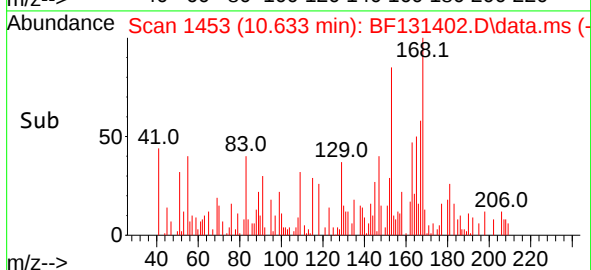
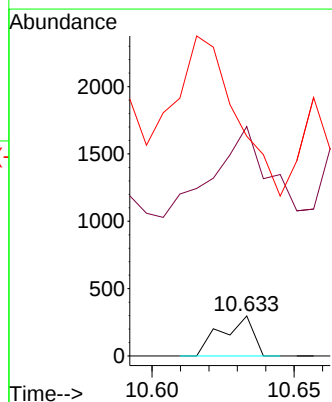
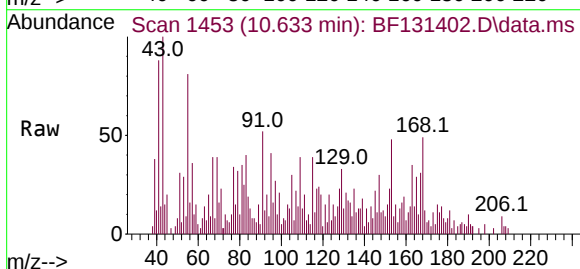
Tgt Ion:198 Resp: 231

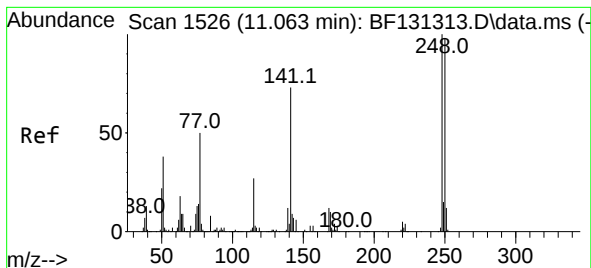
Ion Ratio Lower Upper

198 100

51 573.7 50.1 90.1#

105 549.2 32.5 72.5#

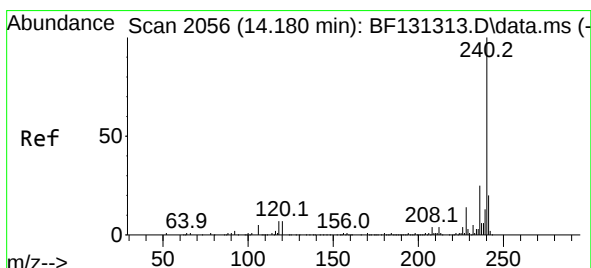
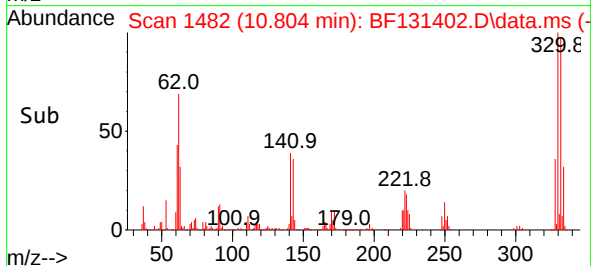
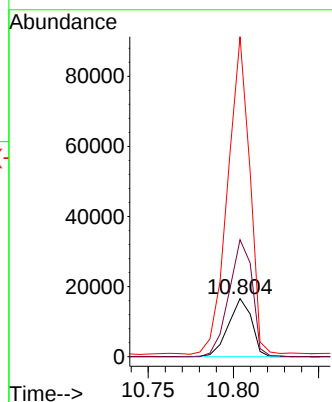
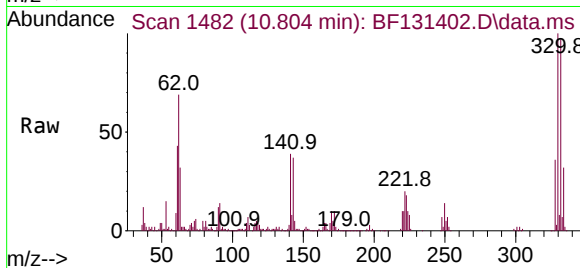




#67
4-Bromophenyl-phenylether
Concen: 4.050 ng
RT: 10.804 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

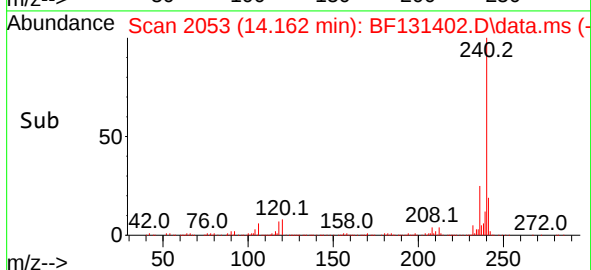
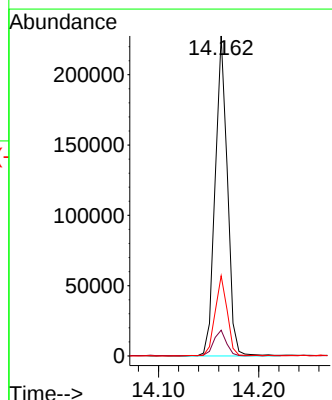
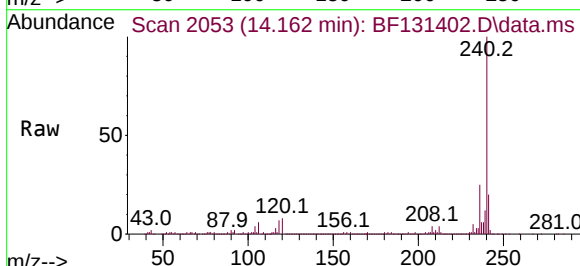
Instrument :
BNA_F
ClientSampleId :

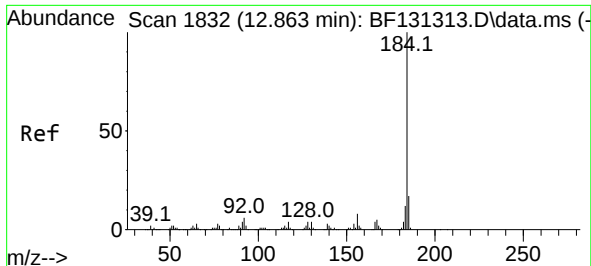
Tgt Ion:248 Resp: 15738
Ion Ratio Lower Upper
248 100
250 201.2 78.3 117.5#
141 550.7 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion:240 Resp: 192897
Ion Ratio Lower Upper
240 100
120 8.0 5.8 8.8
236 25.1 20.3 30.5

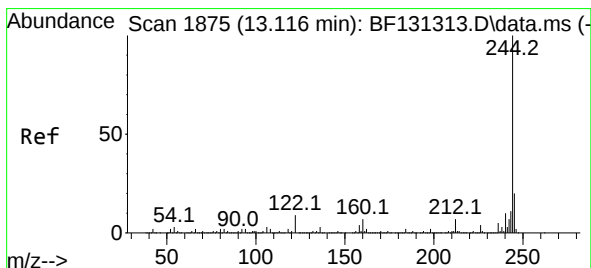
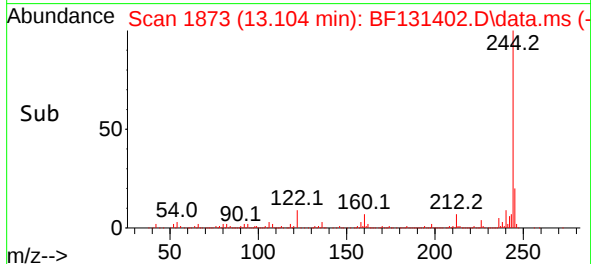
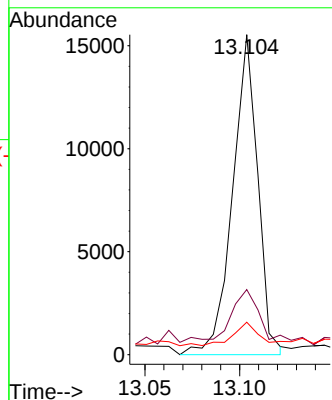
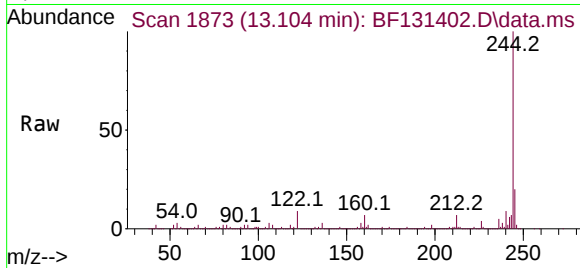




#77
Benzidine
Concen: 4.022 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

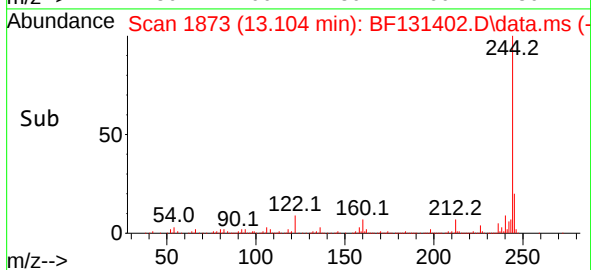
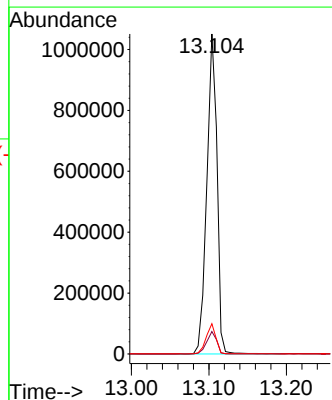
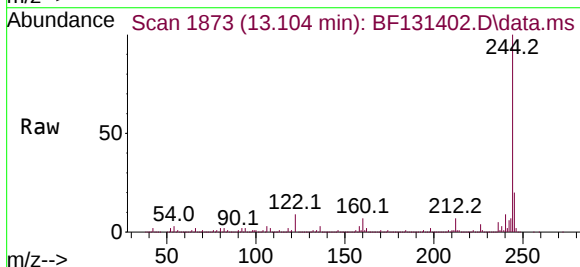
Instrument :
BNA_F
ClientSampleId :

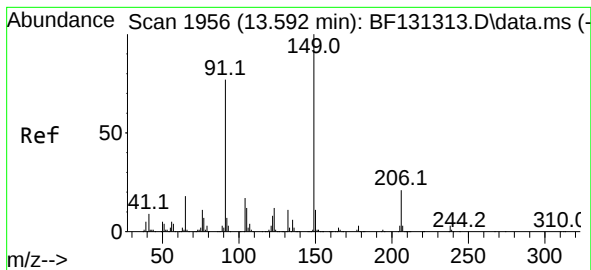
Tgt Ion:184 Resp: 14331
Ion Ratio Lower Upper
184 100
185 20.4 13.8 20.8
183 10.1 9.6 14.4



#79
Terphenyl-d14
Concen: 81.195 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BF131402.D
Acq: 25 Nov 2022 18:43

Tgt Ion:244 Resp: 957786
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.5 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.269 ng

RT: 13.580 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BF131402.D

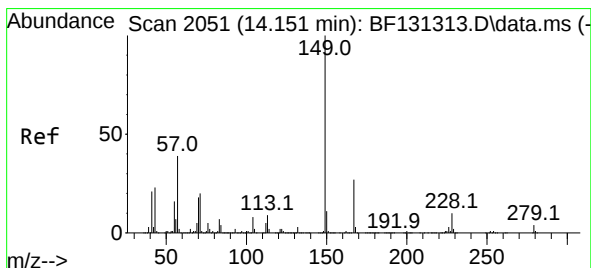
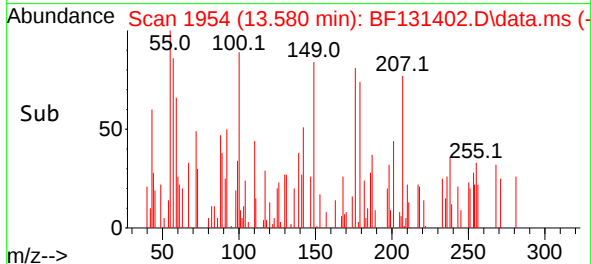
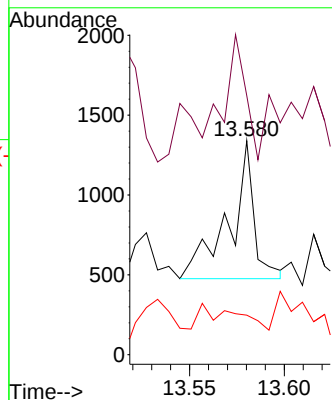
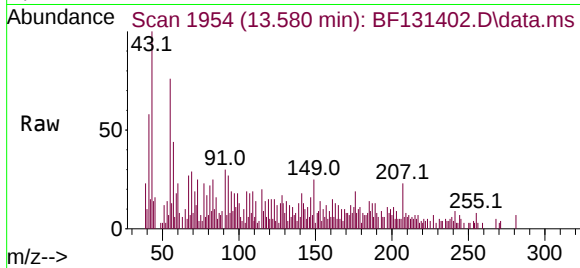
Acq: 25 Nov 2022 18:43

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	787
Ion Ratio	Lower	Upper	
149	100		
91	121.0	61.9	92.9#
206	18.5	16.5	24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.007 ng

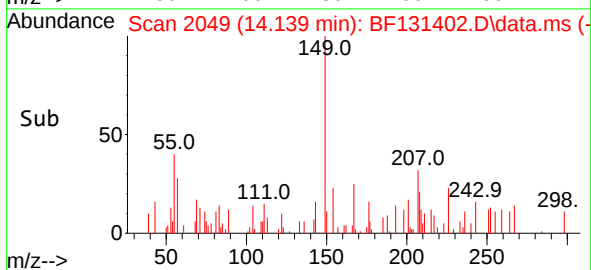
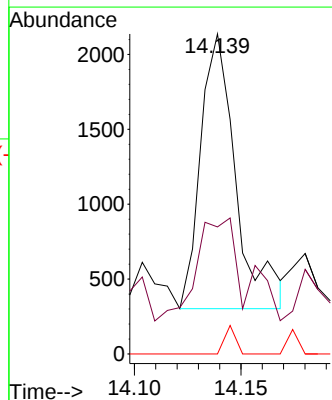
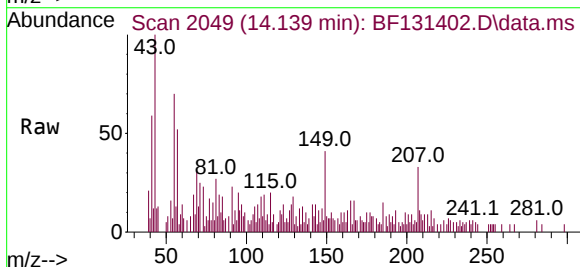
RT: 14.139 min Scan# 2049

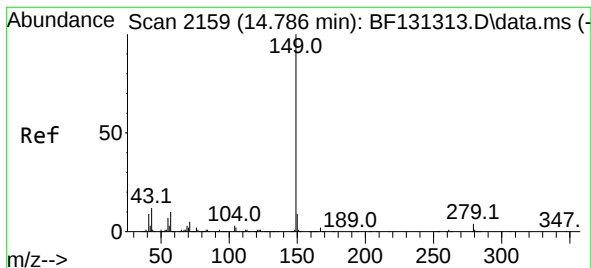
Delta R.T. -0.006 min

Lab File: BF131402.D

Acq: 25 Nov 2022 18:43

Tgt Ion:	149	Resp:	2125
Ion Ratio	Lower	Upper	
149	100		
167	39.7	21.9	32.9#
279	0.0	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 3.937 ng

RT: 14.774 min Scan# 2159

Delta R.T. 0.000 min

Lab File: BF131402.D

Acq: 25 Nov 2022 18:43

Instrument :

BNA_F

ClientSampleId :

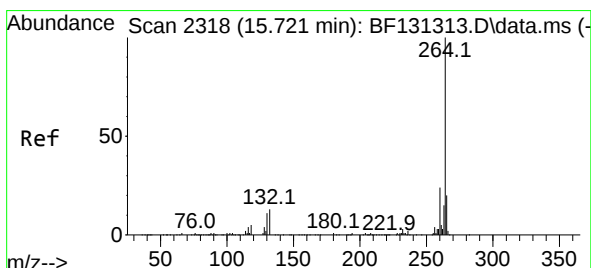
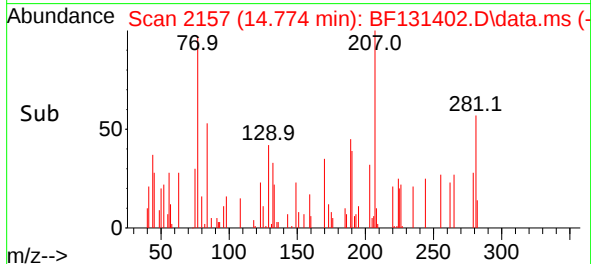
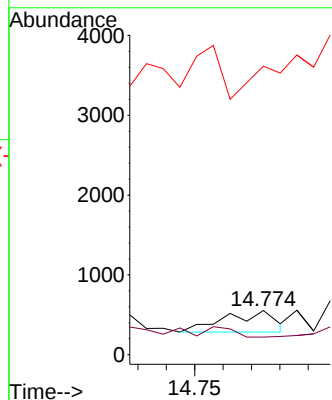
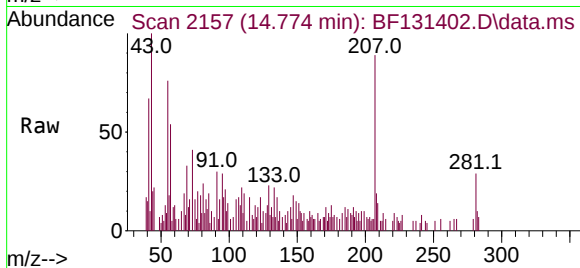
Tgt Ion:149 Resp: 332

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 129.2 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2314

Delta R.T. -0.012 min

Lab File: BF131402.D

Acq: 25 Nov 2022 18:43

Tgt Ion:264 Resp: 172339

Ion Ratio Lower Upper

264 100

260 22.1 19.0 28.4

265 20.9 16.4 24.6

