

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131442.D
 Acq On : 28 Nov 2022 22:05
 Operator : CG\JU
 Sample : N5752-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-9S

Quant Time: Nov 29 00:59:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

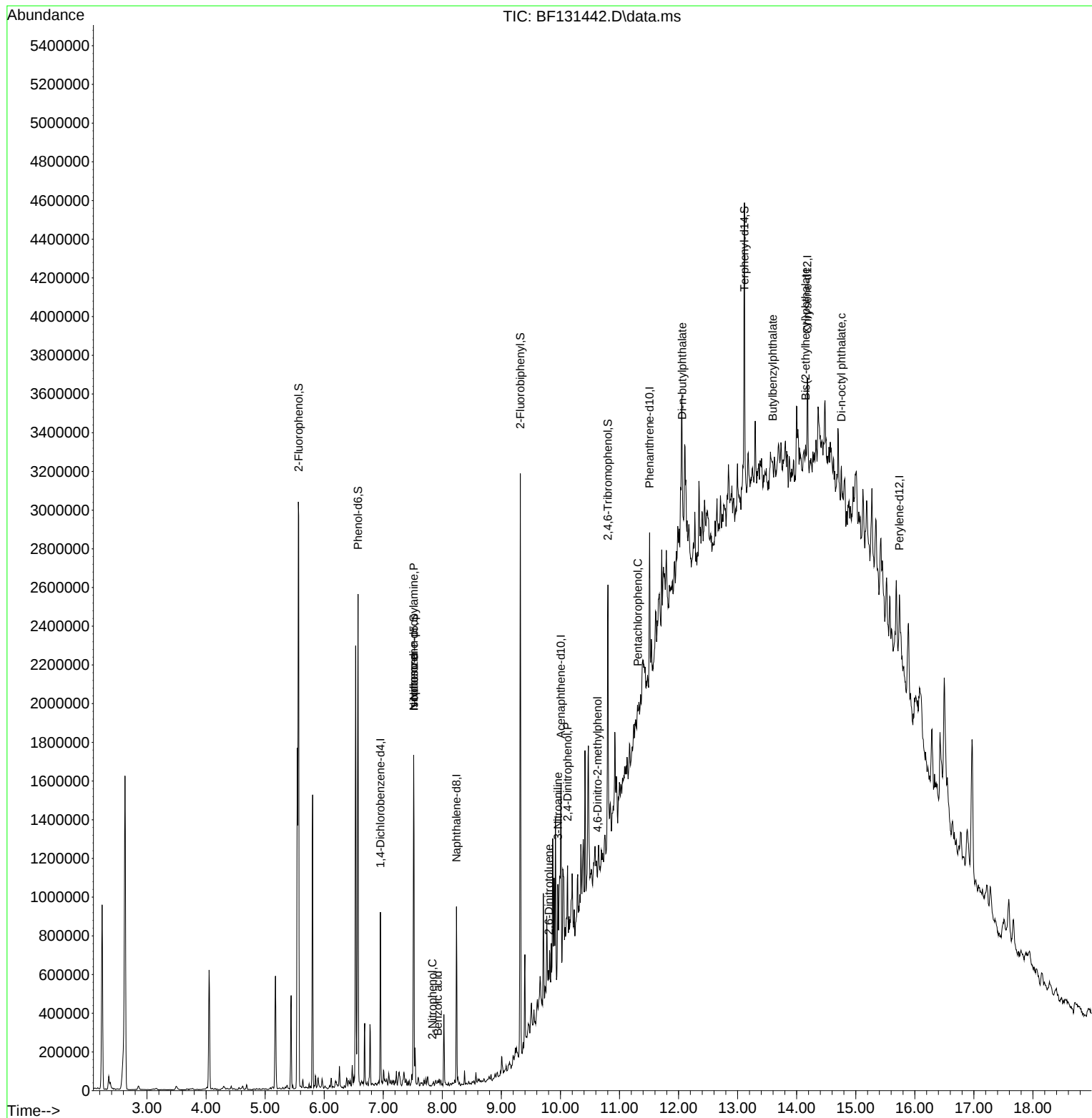
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	108324	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	359565	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	165241	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	237325	20.000	ng	# 0.00
76) Chrysene-d12	14.180	240	186187	20.000	ng	# 0.01
86) Perylene-d12	15.739	264	149129	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	675943	118.761	ng	0.01
7) Phenol-d6	6.575	99	842990	116.084	ng	0.00
23) Nitrobenzene-d5	7.516	82	530708	74.402	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	173994	125.159	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	854853	75.263	ng	0.00
79) Terphenyl-d14	13.115	244	637295	55.973	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	4325	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.516	70	72804	13.695	ng	# 73
25) Isophorone	7.516	82	529700	41.624	ng	# 68
26) 2-Nitrophenol	7.833	139	70	3.613	ng	# 1
32) Benzoic acid	7.928	122	6494	7.582	ng	91
51) 2,6-Dinitrotoluene	9.804	165	4736	2.057	ng	# 20
53) 3-Nitroaniline	9.957	138	11573	4.892	ng	# 10
54) 2,4-Dinitrophenol	10.121	184	57	4.967	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.627	198	750	5.399	ng	# 1
70) Pentachlorophenol	11.310	266	705	5.247	ng	# 1
74) Di-n-butylphthalate	12.063	149	44544	3.516	ng	# 57
80) Butylbenzylphthalate	13.598	149	1302	4.359	ng	# 44
84) Bis(2-ethylhexyl)phtha...	14.151	149	36769	8.371	ng	# 96
85) Di-n-octyl phthalate	14.756	149	3420	4.277	ng	# 1

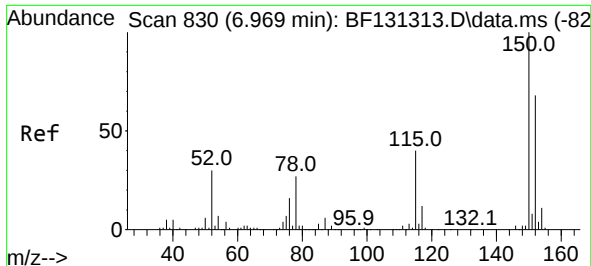
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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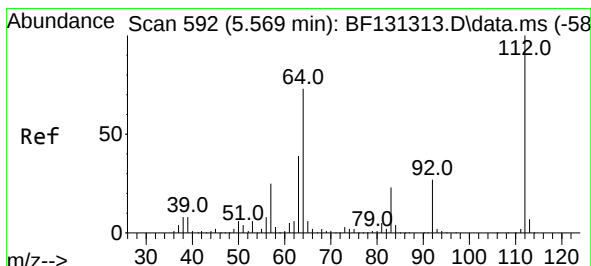
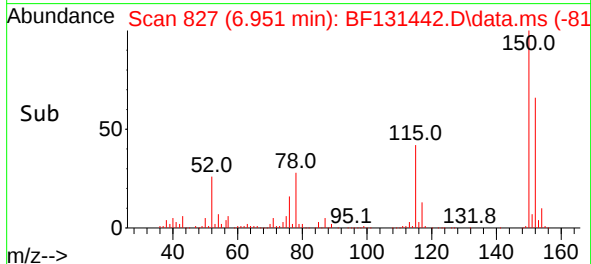
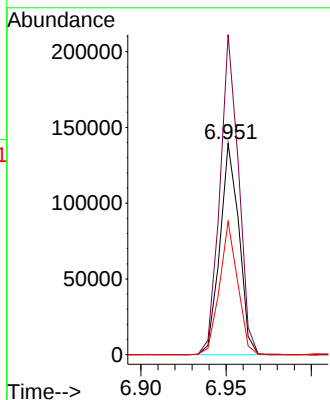
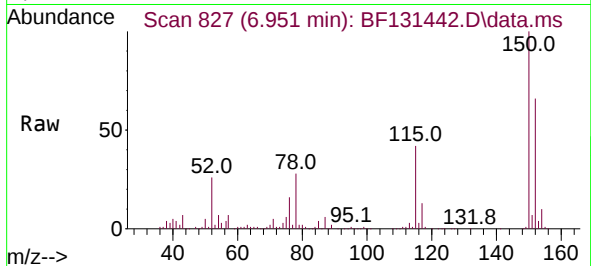




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

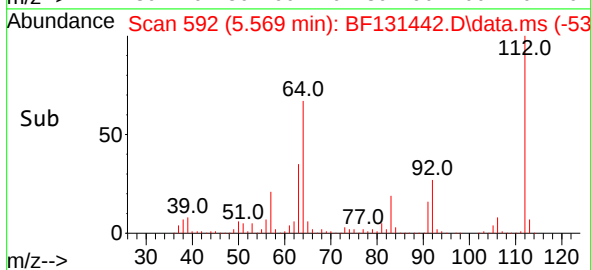
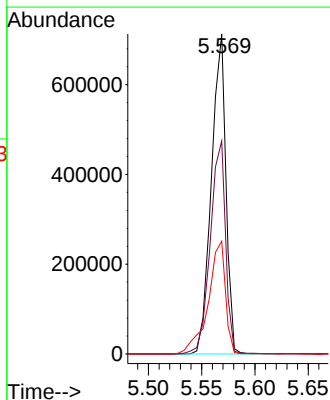
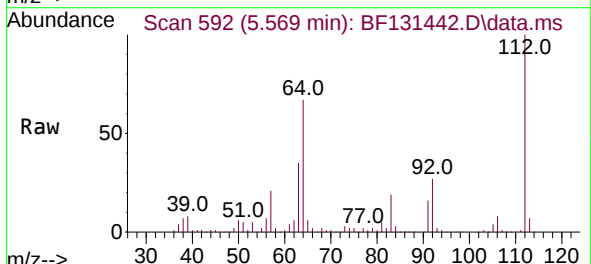
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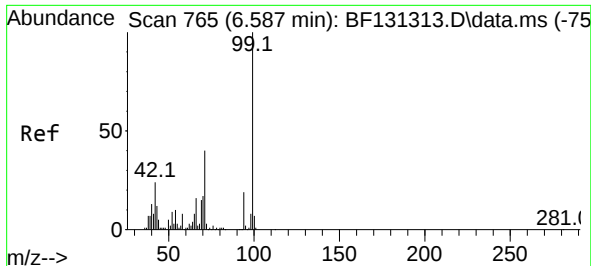
Tgt Ion:152 Resp: 108324
Ion Ratio Lower Upper
152 100
150 151.5 117.8 176.8
115 63.0 47.1 70.7



#5
2-Fluorophenol
Concen: 118.761 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

Tgt Ion:112 Resp: 675943
Ion Ratio Lower Upper
112 100
64 66.6 58.6 88.0
63 35.2 31.4 47.0

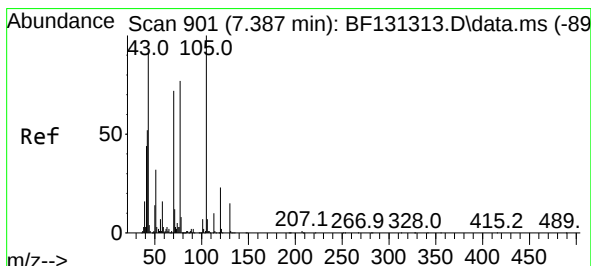
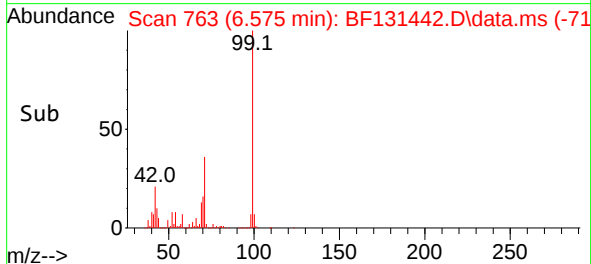
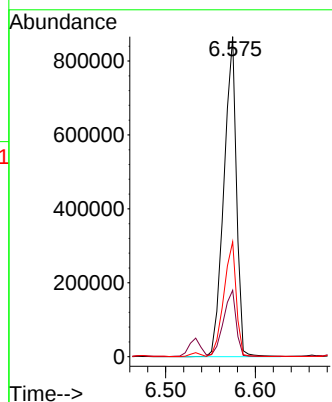
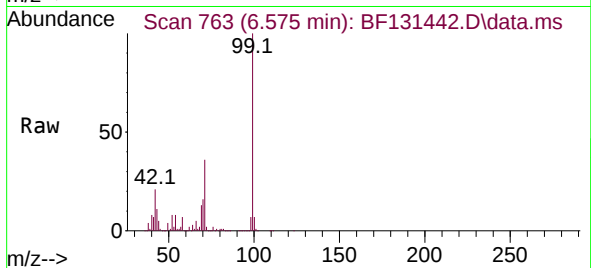




#7
Phenol-d6
Concen: 116.084 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

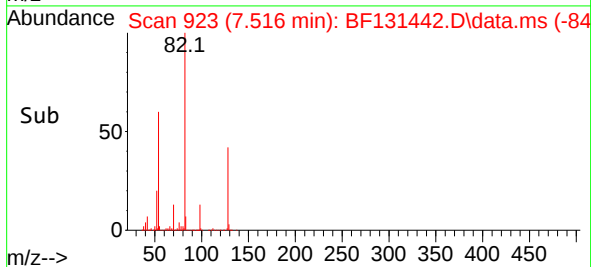
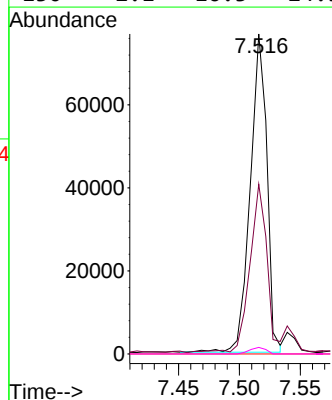
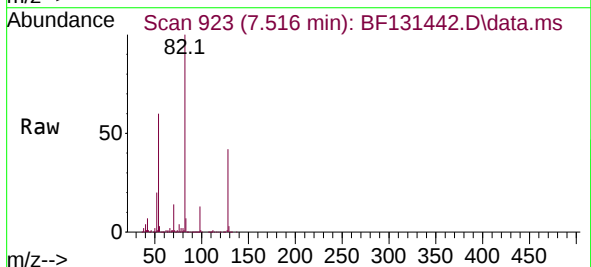
Instrument :
BNA_F
ClientSampleId :
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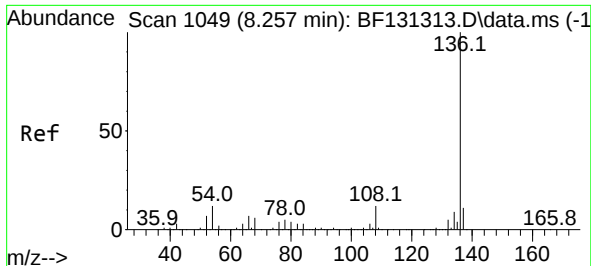
Tgt Ion: 99 Resp: 842990
Ion Ratio Lower Upper
99 100
42 20.7 19.4 29.2
71 35.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.695 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

Tgt Ion: 70 Resp: 72804
Ion Ratio Lower Upper
70 100
42 53.1 57.6 86.4#
101 0.0 8.2 12.2#
130 2.1 16.3 24.5#

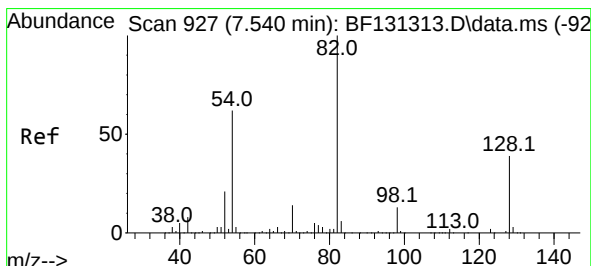
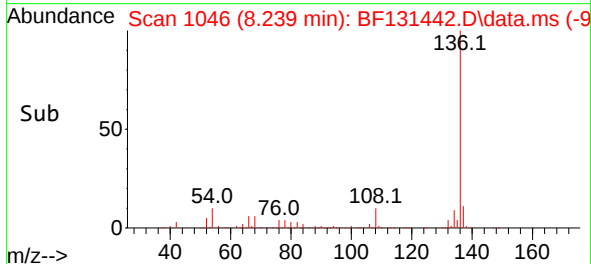
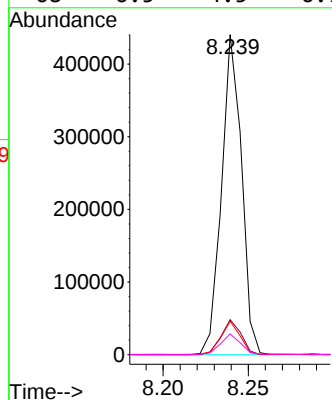
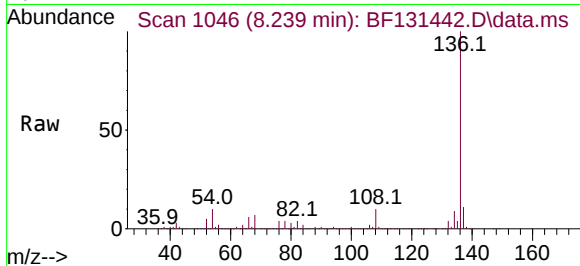




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

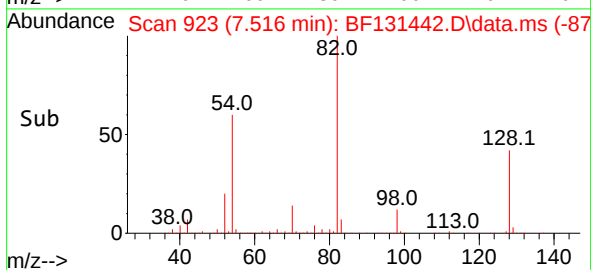
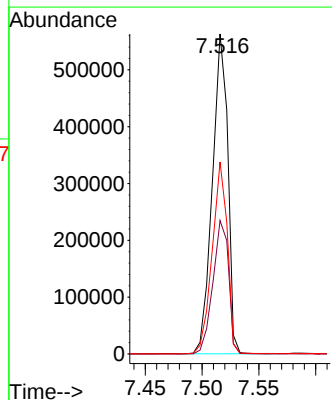
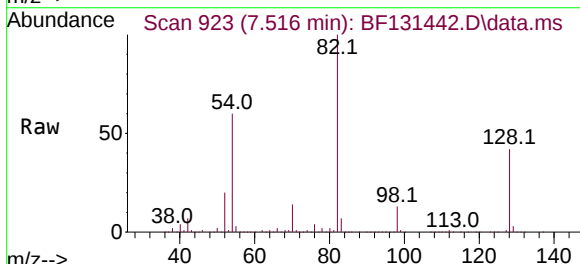
Instrument :
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ClientSampleId :
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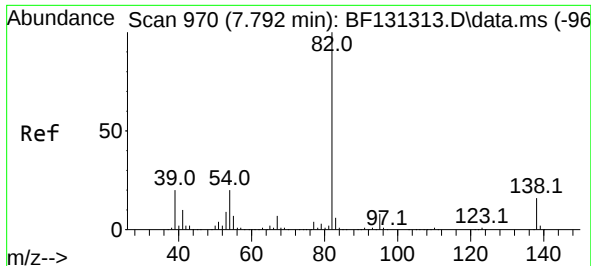
Tgt Ion:	136	Resp:	359565
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.5	9.4	14.0
68	6.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 74.402 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

Tgt Ion:	82	Resp:	530708
Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.4	47.0
54	60.0	49.8	74.6

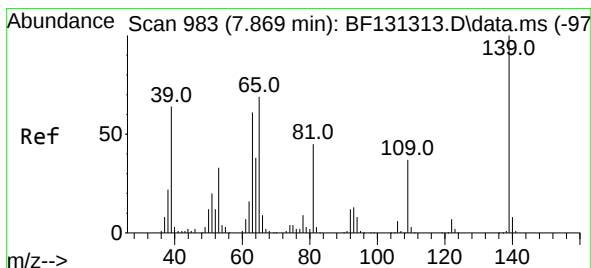
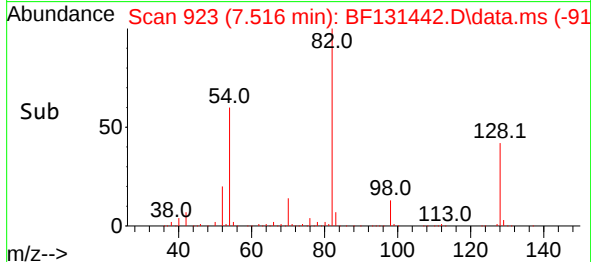
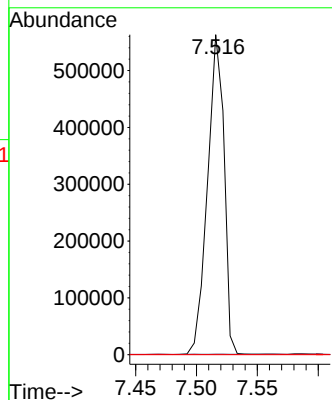
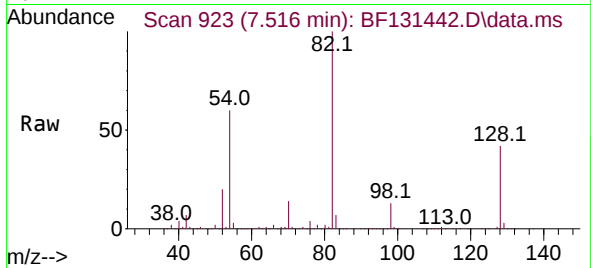




#25
Isophorone
Concen: 41.624 ng
RT: 7.516 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

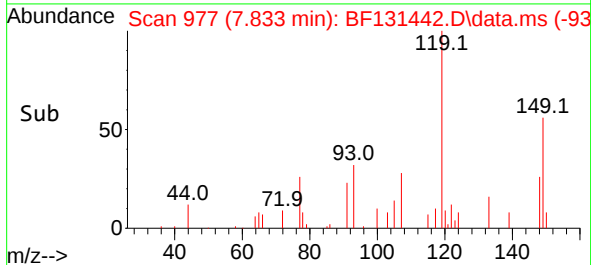
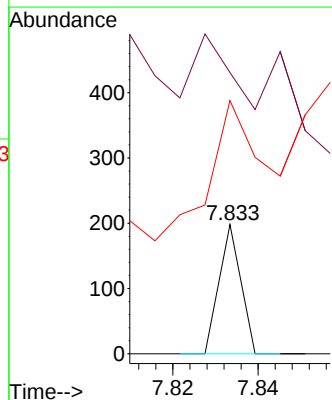
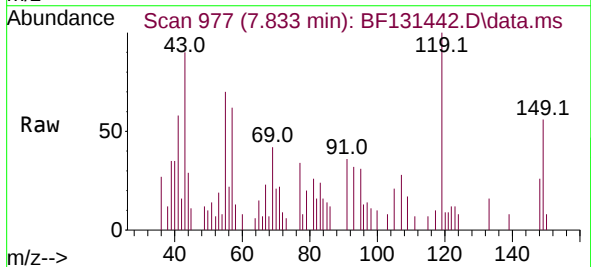
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ClientSampleId :
B-9S

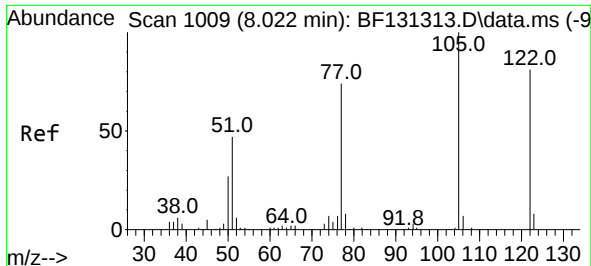
Tgt Ion: 82 Resp: 529700
Ion Ratio Lower Upper
82 100
95 0.2 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.613 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.024 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

Tgt Ion: 139 Resp: 70
Ion Ratio Lower Upper
139 100
109 217.7 29.9 44.9#
65 196.0 55.7 83.5#

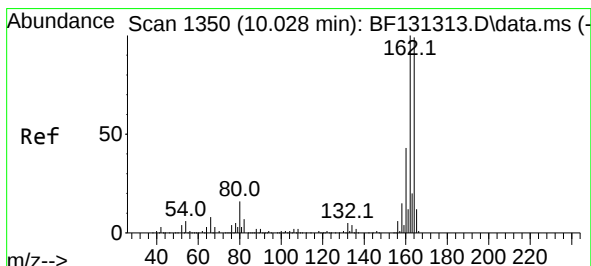
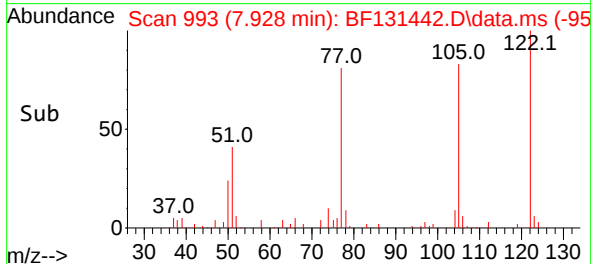
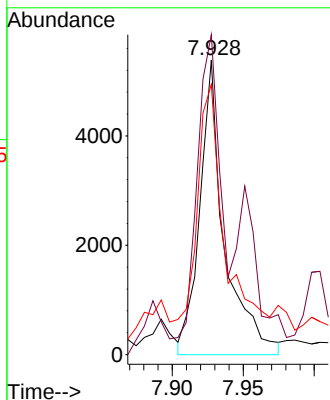
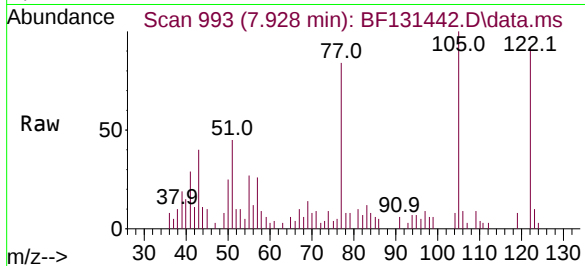




#32
Benzoic acid
Concen: 7.582 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.077 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

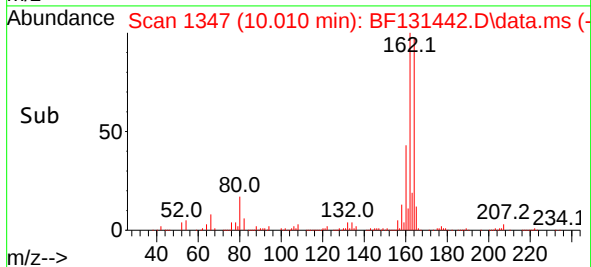
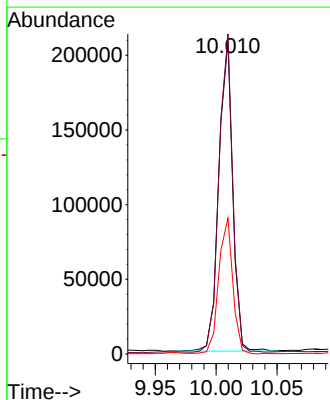
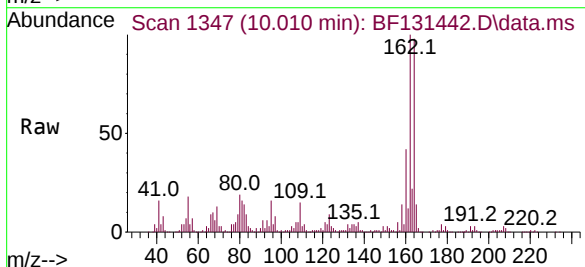
Instrument :
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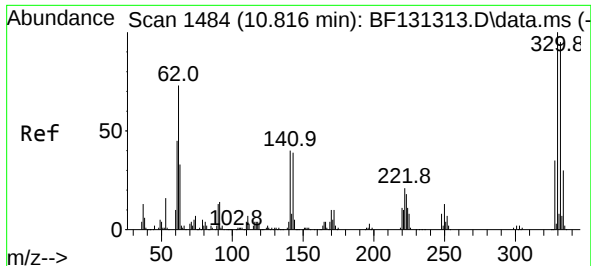
Tgt Ion:122 Resp: 6494
Ion Ratio Lower Upper
122 100
105 108.6 103.8 143.8
77 91.7 74.3 114.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

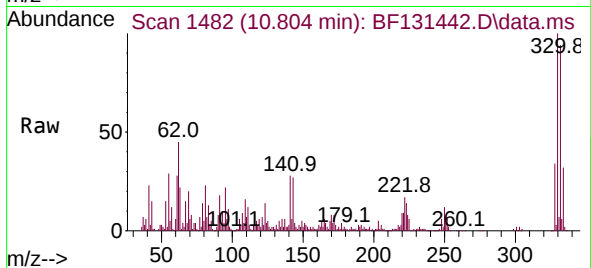
Tgt Ion:164 Resp: 165241
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 43.4 34.4 51.6



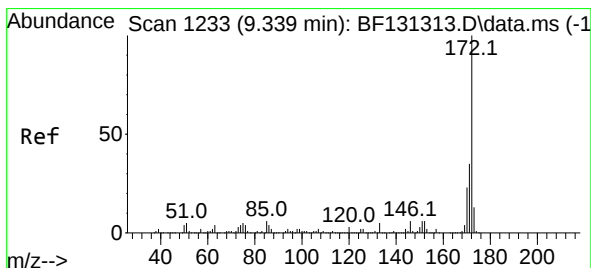
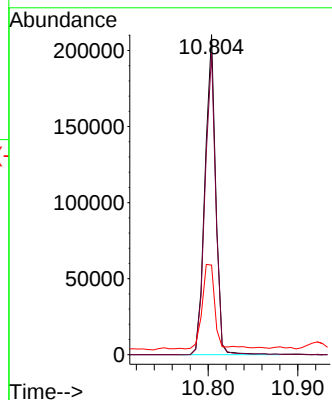
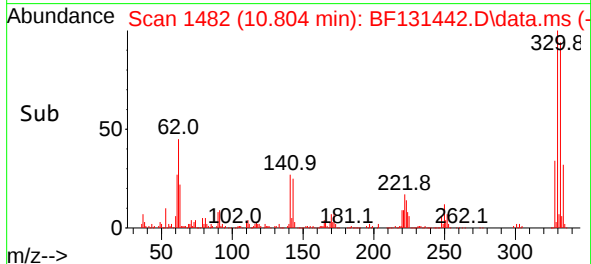


#42
2,4,6-Tribromophenol
Concen: 125.159 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

Instrument :
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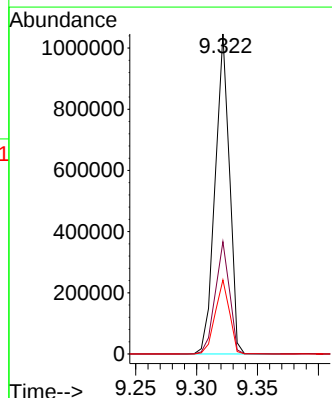
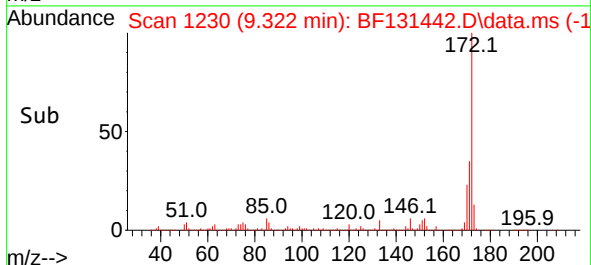
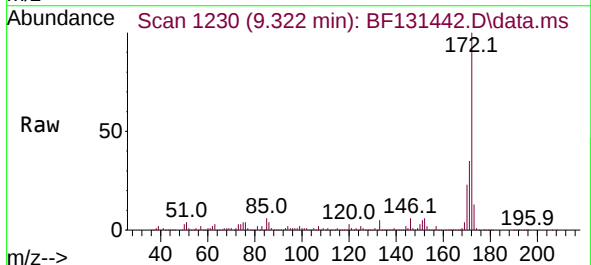


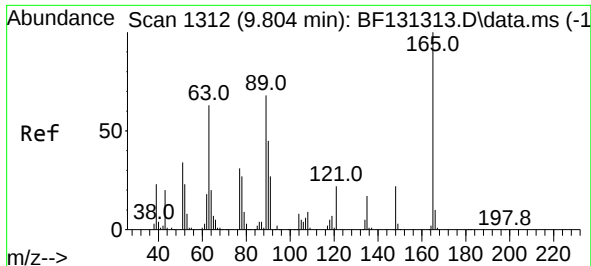
Tgt Ion:330 Resp: 173994
Ion Ratio Lower Upper
330 100
332 94.8 77.5 116.3
141 30.5 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 75.263 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

Tgt Ion:172 Resp: 854853
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.1 18.7 28.1

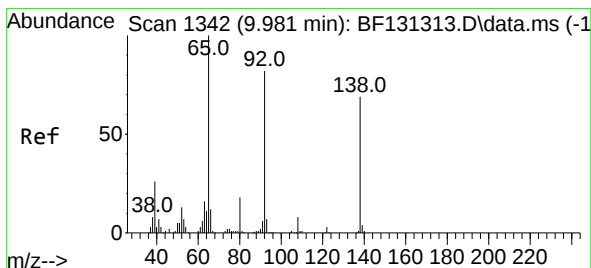
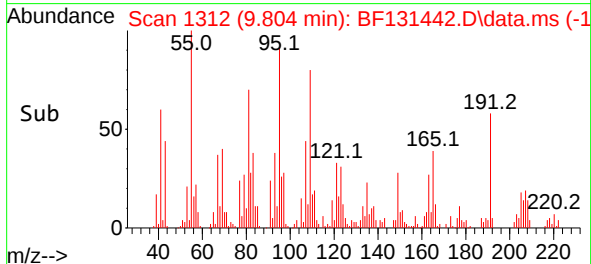
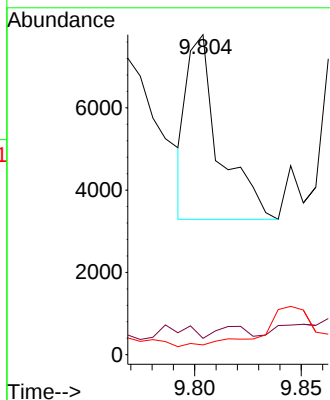
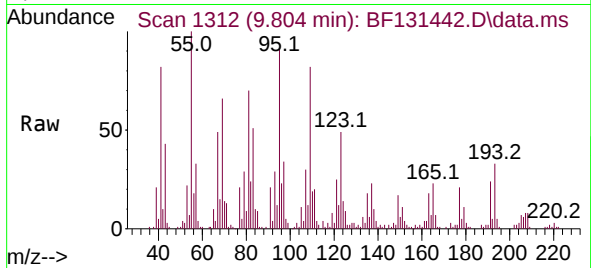




#51
2,6-Dinitrotoluene
Concen: 2.057 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

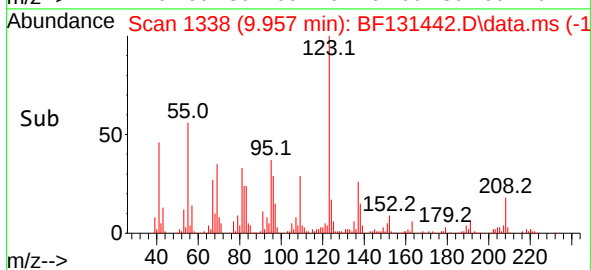
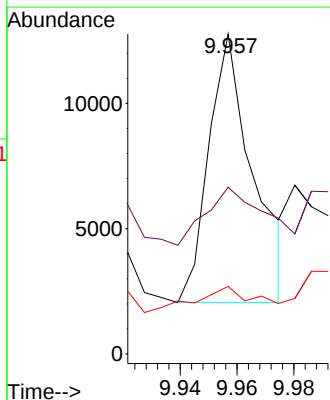
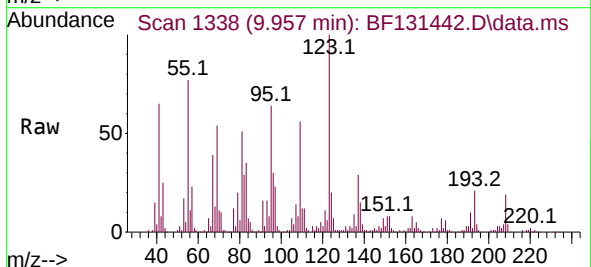
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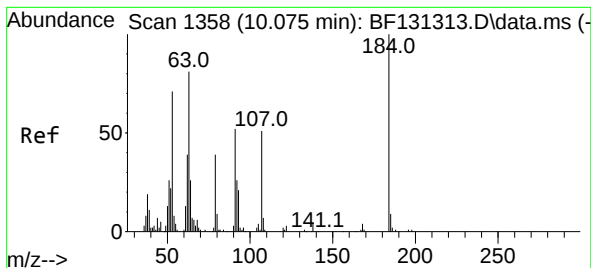
Tgt Ion:165 Resp: 4736
Ion Ratio Lower Upper
165 100
63 8.4 62.0 93.0#
89 3.1 54.4 81.6#



#53
3-Nitroaniline
Concen: 4.892 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

Tgt Ion:138 Resp: 11573
Ion Ratio Lower Upper
138 100
108 52.1 8.9 13.3#
92 21.1 95.3 142.9#





#54

2,4-Dinitrophenol

Concen: 4.967 ng

RT: 10.121 min Scan# 11

Delta R.T. 0.059 min

Lab File: BF131442.D

Acq: 28 Nov 2022 22:05

Instrument :

BNA_F

ClientSampleId :

B-9S

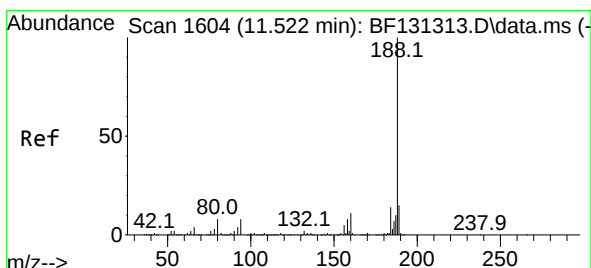
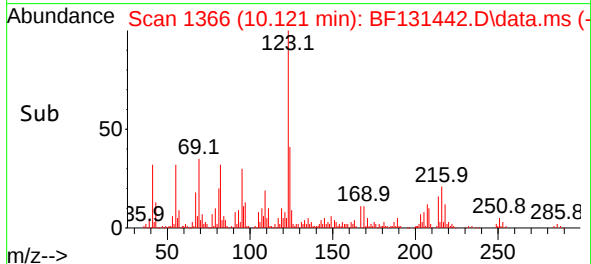
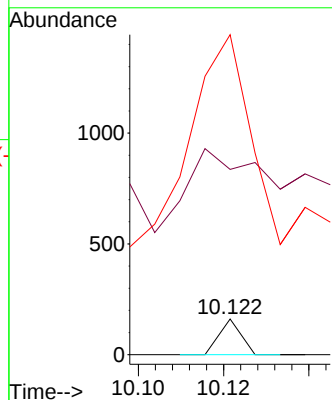
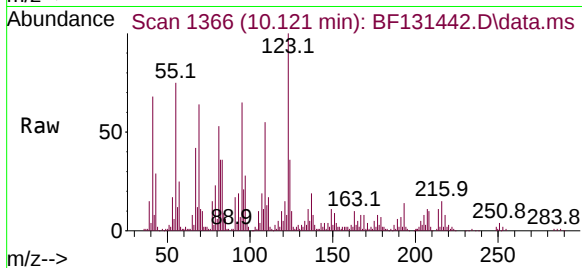
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 519.3 72.1 108.1#

154 896.9 56.3 84.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 1602

Delta R.T. 0.006 min

Lab File: BF131442.D

Acq: 28 Nov 2022 22:05

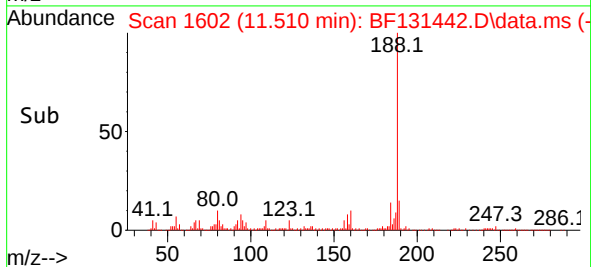
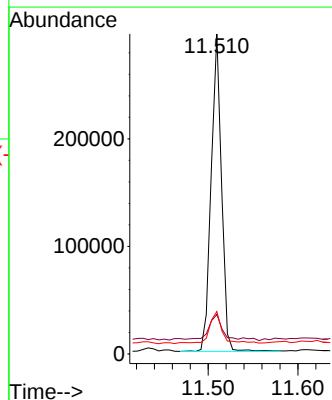
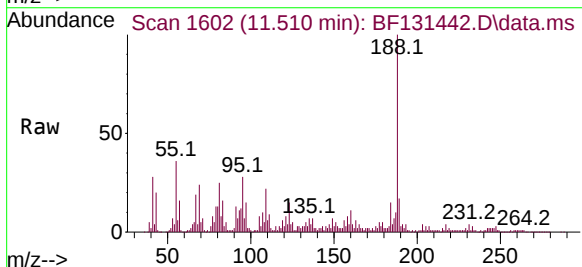
Tgt Ion:188 Resp: 237325

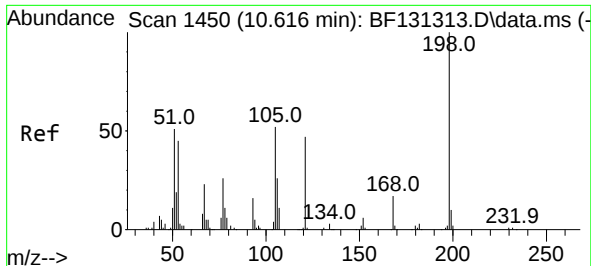
Ion Ratio Lower Upper

188 100

94 12.4 6.3 9.5#

80 13.2 6.8 10.2#

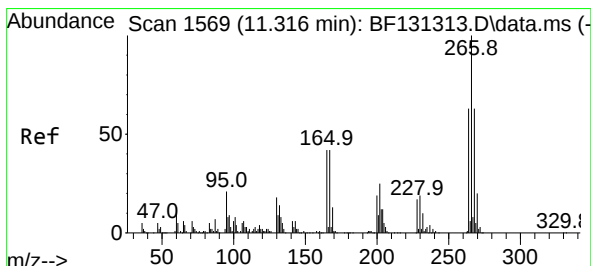
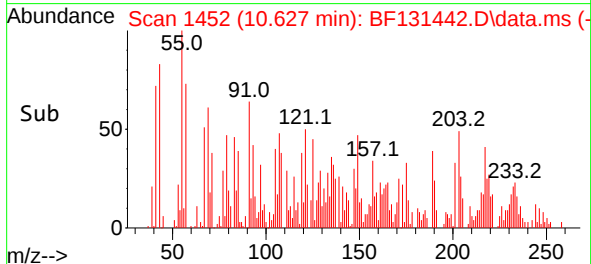
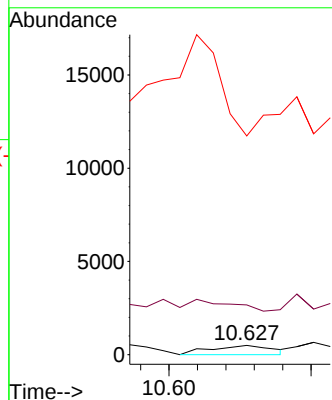
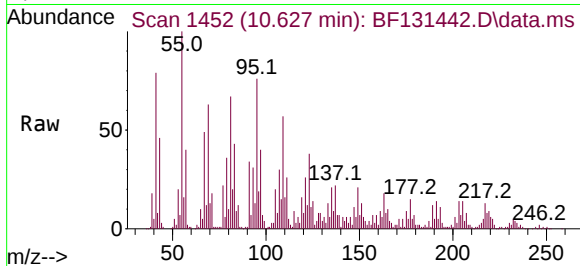




#65
4,6-Dinitro-2-methylphenol
Concen: 5.399 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.023 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

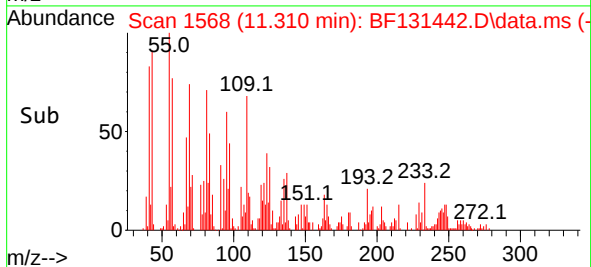
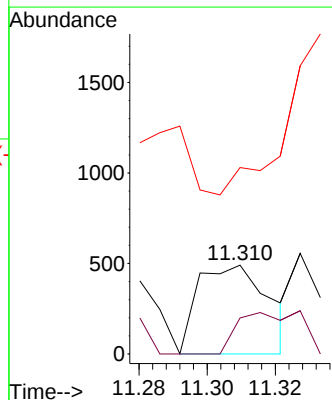
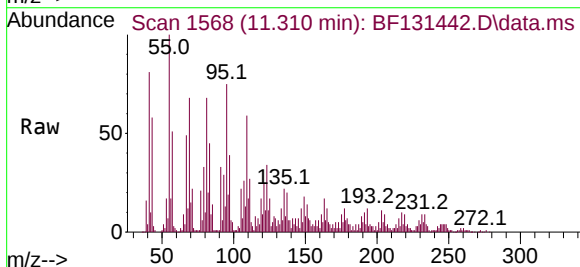
Instrument :
BNA_F
ClientSampleId :
B-9S

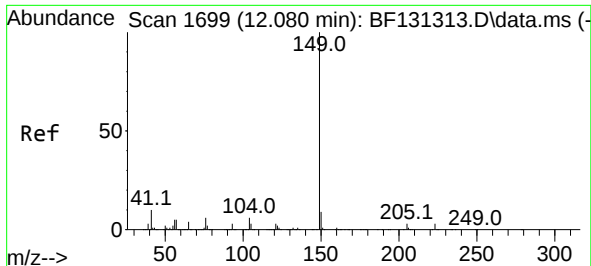
Tgt Ion:198 Resp: 750
Ion Ratio Lower Upper
198 100
51 532.9 50.1 90.1#
105 2341.9 32.5 72.5#



#70
Pentachlorophenol
Concen: 5.247 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.006 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

Tgt Ion:266 Resp: 705
Ion Ratio Lower Upper
266 100
268 40.5 50.6 75.8#
264 209.8 50.4 75.6#

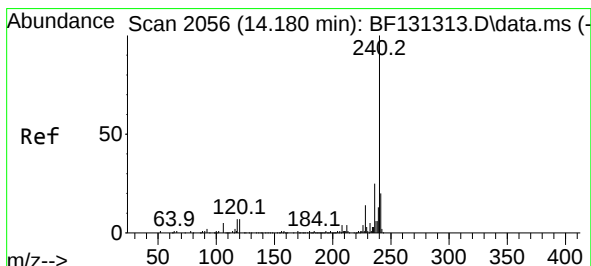
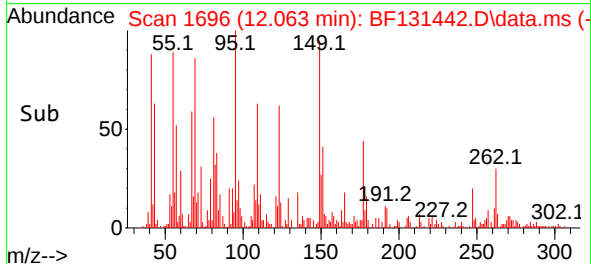
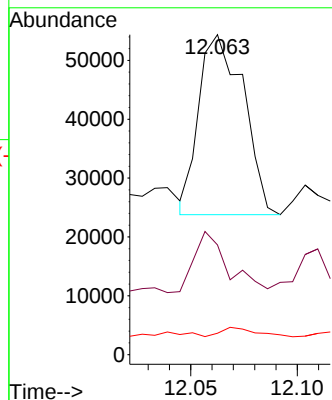
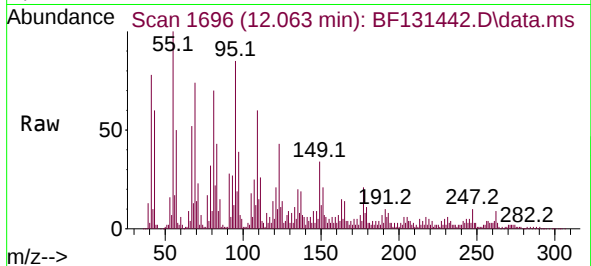




#74
Di-n-butylphthalate
Concen: 3.516 ng
RT: 12.063 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

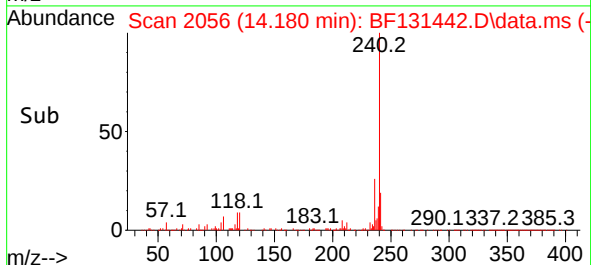
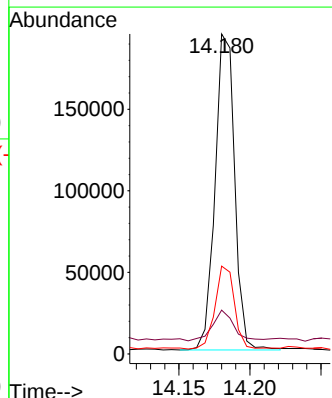
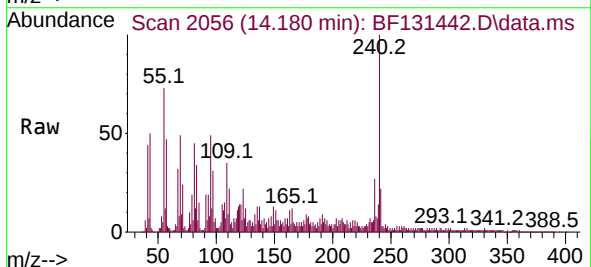
Instrument :
BNA_F
ClientSampleId :
B-9S

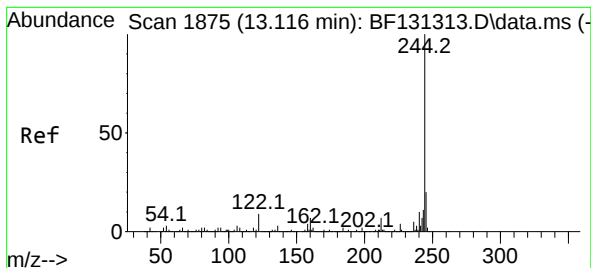
Tgt Ion:149 Resp: 44544
Ion Ratio Lower Upper
149 100
150 34.3 7.3 10.9#
104 6.7 4.7 7.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.011 min
Lab File: BF131442.D
Acq: 28 Nov 2022 22:05

Tgt Ion:240 Resp: 186187
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 27.5 20.3 30.5





#79

Terphenyl-d14

Concen: 55.973 ng

RT: 13.115 min Scan# 1875

Delta R.T. 0.011 min

Lab File: BF131442.D

Acq: 28 Nov 2022 22:05

Instrument :

BNA_F

ClientSampleId :

B-9S

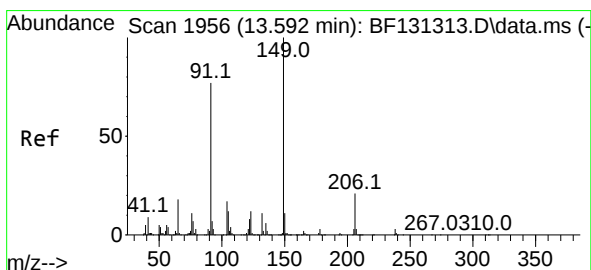
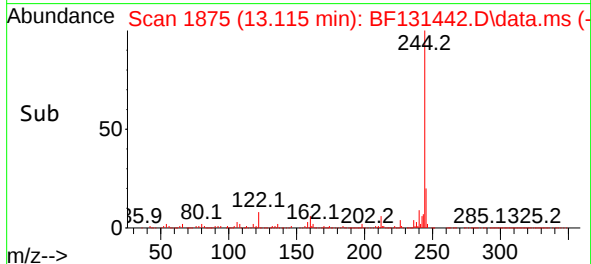
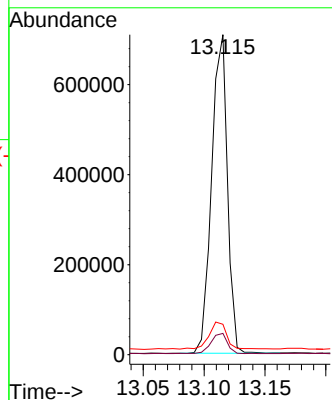
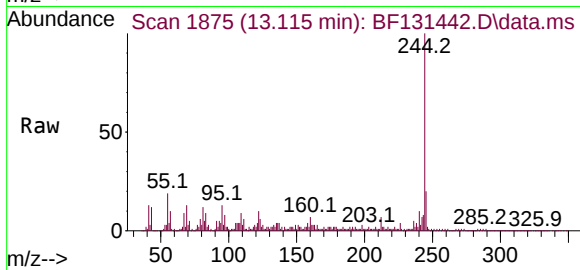
Tgt Ion:244 Resp: 637295

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 9.5 7.5 11.3



#80

Butylbenzylphthalate

Concen: 4.359 ng

RT: 13.598 min Scan# 1957

Delta R.T. 0.017 min

Lab File: BF131442.D

Acq: 28 Nov 2022 22:05

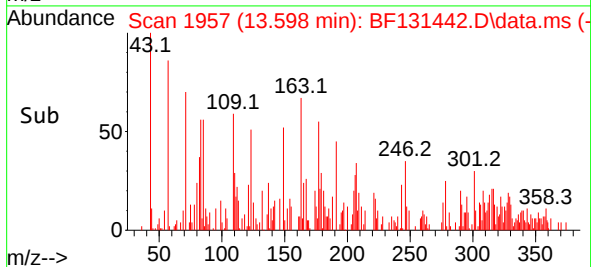
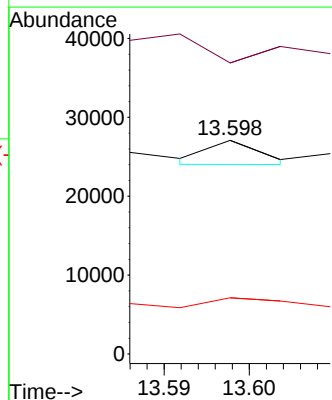
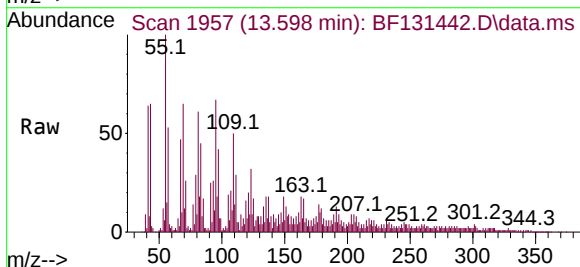
Tgt Ion:149 Resp: 1302

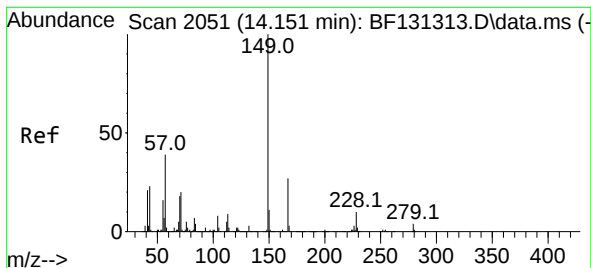
Ion Ratio Lower Upper

149 100

91 136.2 61.9 92.9#

206 26.3 16.5 24.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.371 ng

RT: 14.151 min Scan# 2051

Delta R.T. 0.012 min

Lab File: BF131442.D

Acq: 28 Nov 2022 22:05

Instrument :

BNA_F

ClientSampleId :

B-9S

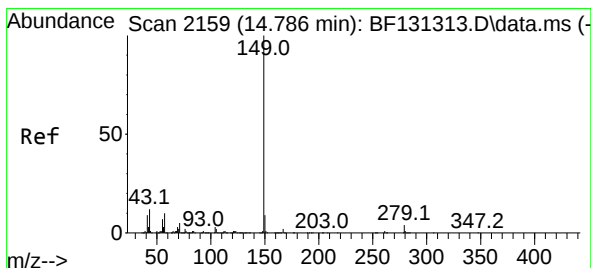
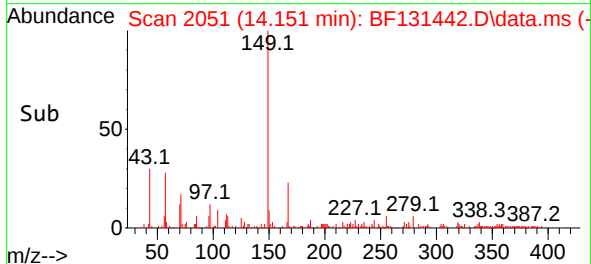
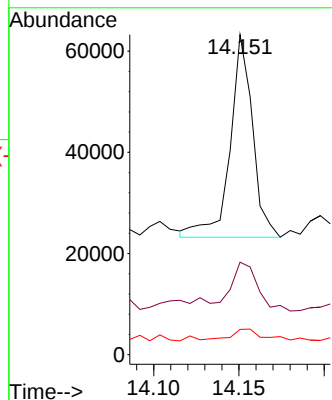
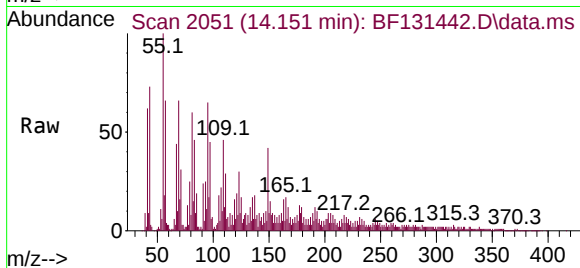
Tgt Ion:149 Resp: 36769

Ion Ratio Lower Upper

149 100

167 28.9 21.9 32.9

279 7.9 3.0 4.4#



#85

Di-n-octyl phthalate

Concen: 4.277 ng

RT: 14.756 min Scan# 2154

Delta R.T. -0.006 min

Lab File: BF131442.D

Acq: 28 Nov 2022 22:05

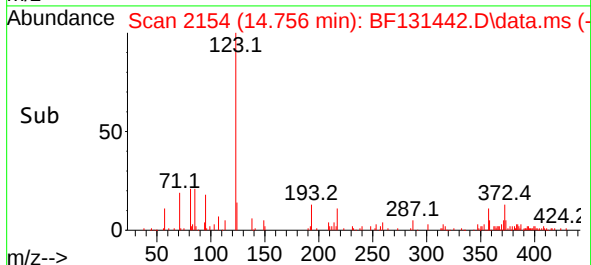
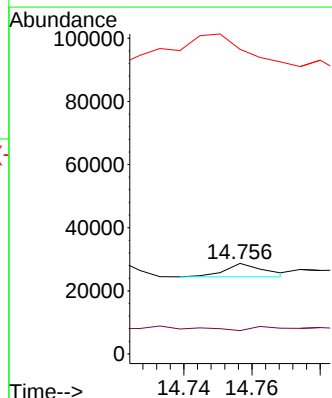
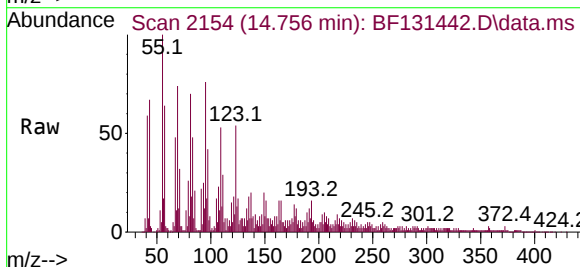
Tgt Ion:149 Resp: 3420

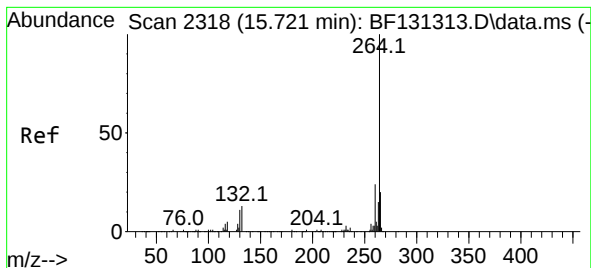
Ion Ratio Lower Upper

149 100

167 29.7 1.2 1.8#

43 636.3 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.739 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF131442.D

Acq: 28 Nov 2022 22:05

Instrument :

BNA_F

ClientSampleId :

B-9S

Tgt Ion:264 Resp: 149129

Ion Ratio Lower Upper

264 100

260 25.3 19.0 28.4

265 22.8 16.4 24.6

