

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131440.D
 Acq On : 28 Nov 2022 21:00
 Operator : CG\JU
 Sample : N5742-10DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP111822DL

Quant Time: Nov 29 00:59:11 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

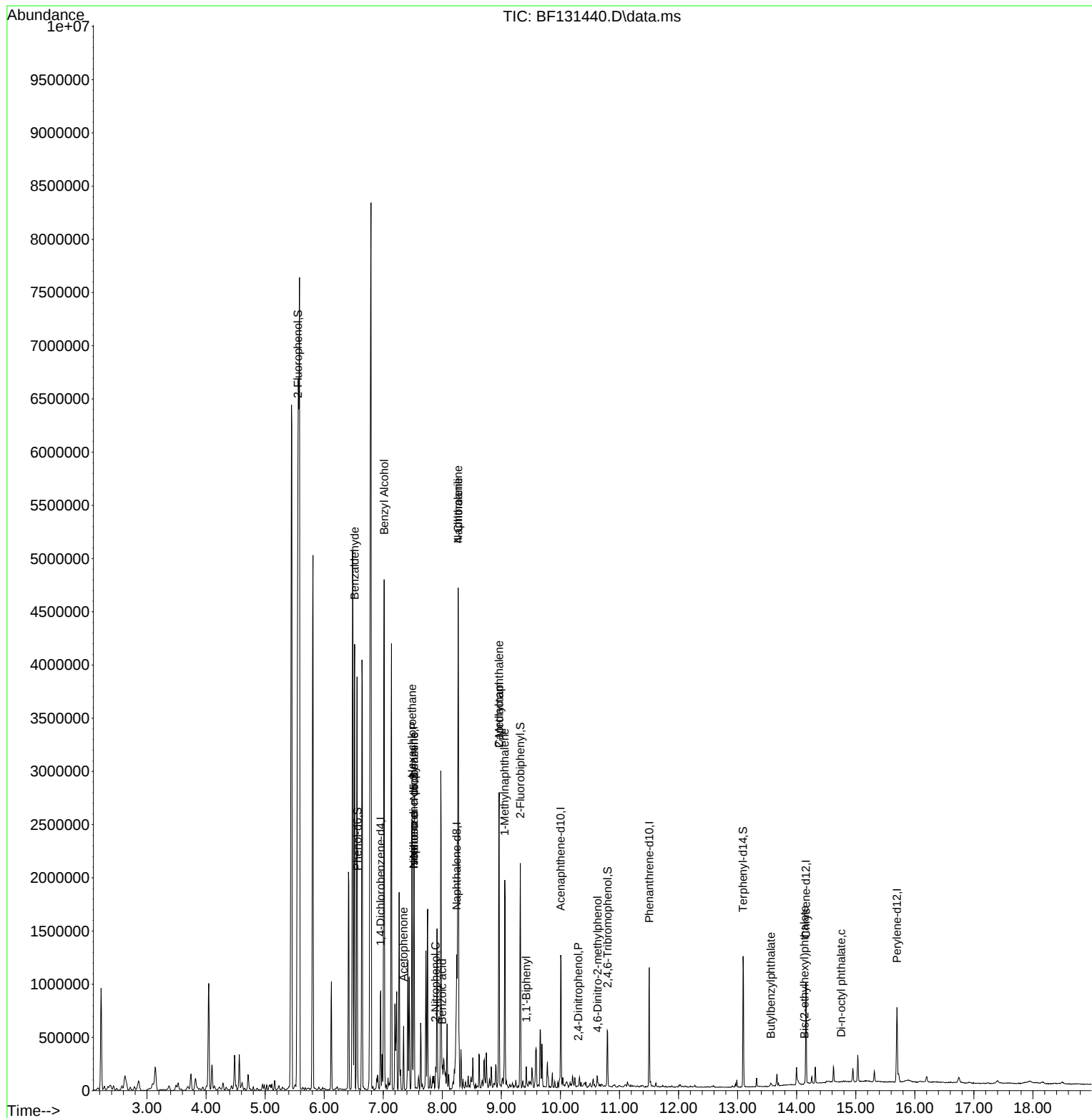
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	141794	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	497325	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	253725	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	396651	20.000	ng	0.00
76) Chrysene-d12	14.157	240	339321	20.000	ng	#-0.01
86) Perylene-d12	15.698	264	331924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	48317	6.485	ng	0.00
7) Phenol-d6	6.563	99	54807	5.766	ng	-0.01
23) Nitrobenzene-d5	7.516	82	280656	28.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	60889	28.525	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	584299	33.503	ng	0.00
79) Terphenyl-d14	13.092	244	439652	21.188	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	174887	27.625	ng	# 1
15) Benzyl Alcohol	7.016	79	149729	19.211	ng	# 10
18) Hexachloroethane	7.486	117	178987	48.950	ng	# 1
19) n-Nitroso-di-n-propyla...	7.516	70	36564	5.254	ng	# 77
22) Acetophenone	7.345	105	199335	15.746	ng	# 53
24) Nitrobenzene	7.522	77	26321	2.561	ng	# 1
25) Isophorone	7.516	82	279304	15.868	ng	# 68
26) 2-Nitrophenol	7.886	139	129	3.622	ng	# 1
31) Naphthalene	8.269	128	2124739	80.172	ng	99
32) Benzoic acid	7.998	122	1784	5.621	ng	# 1
33) 4-Chloroaniline	8.269	127	287417	27.490	ng	# 30
35) Caprolactam	8.963	113	16632	8.551	ng	# 1
37) 2-Methylnaphthalene	8.963	142	728738	40.583	ng	100
38) 1-Methylnaphthalene	9.057	142	487617	28.003	ng	99
46) 1,1'-Biphenyl	9.422	154	49155	2.539	ng	99
54) 2,4-Dinitrophenol	10.304	184	74	4.955	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.627	198	163	4.680	ng	# 1
80) Butylbenzylphthalate	13.563	149	721	4.209	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.133	149	3718	4.005	ng	# 87
85) Di-n-octyl phthalate	14.757	149	1181	3.973	ng	# 1

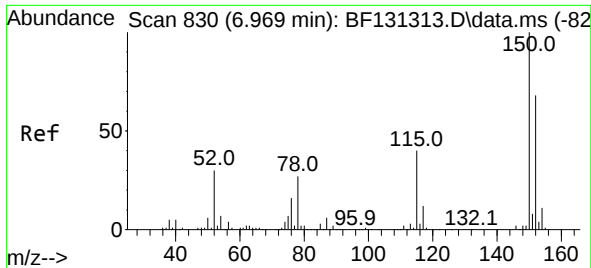
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 29 00:59:11 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
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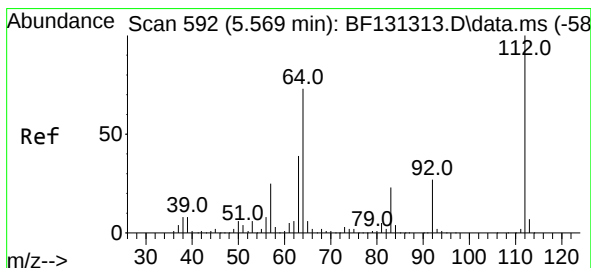
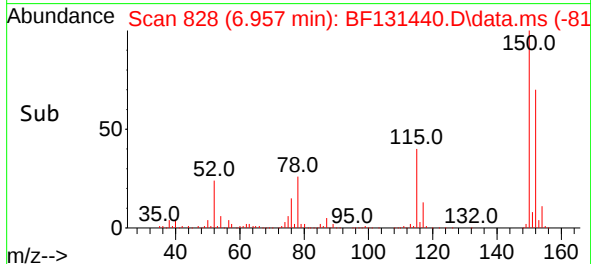
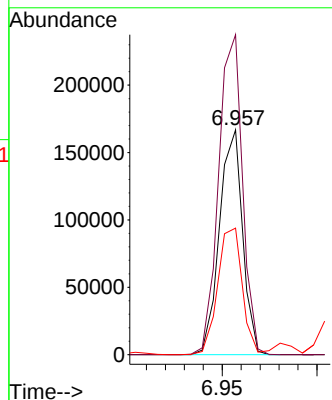
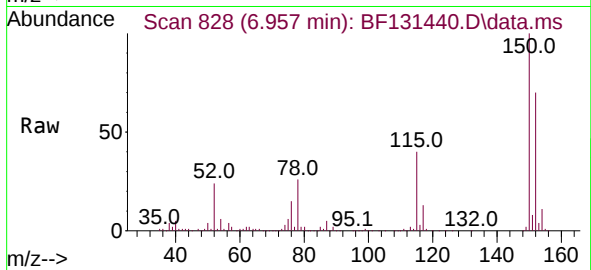




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

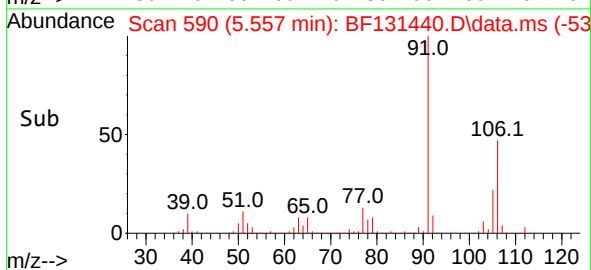
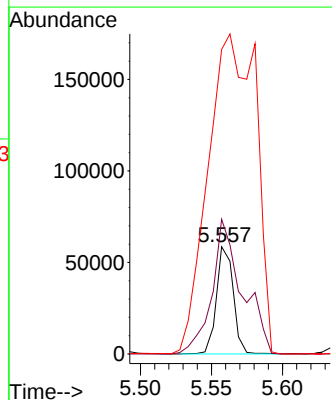
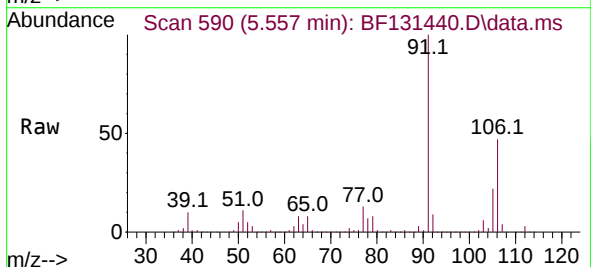
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BNA_F
ClientSampleId :
DUP111822DL

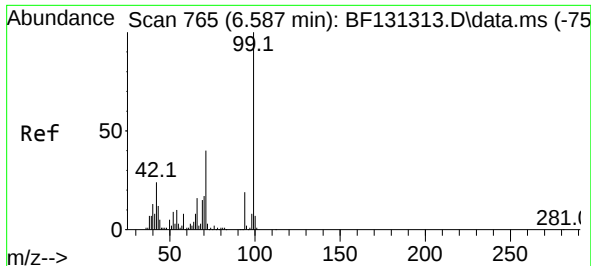
Tgt Ion:152 Resp: 141794
Ion Ratio Lower Upper
152 100
150 142.4 117.8 176.8
115 56.3 47.1 70.7



#5
2-Fluorophenol
Concen: 6.485 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion:112 Resp: 48317
Ion Ratio Lower Upper
112 100
64 125.7 58.6 88.0#
63 284.0 31.4 47.0#

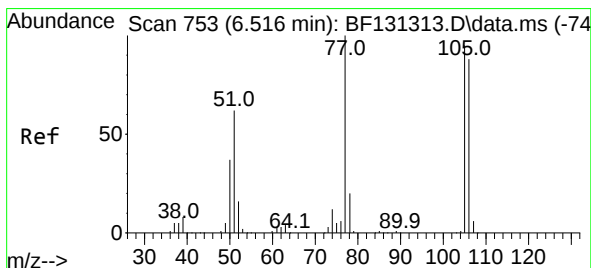
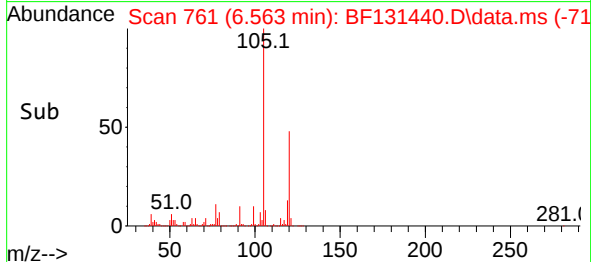
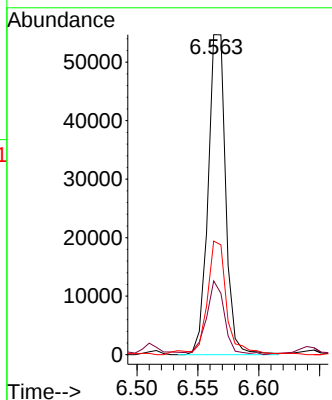
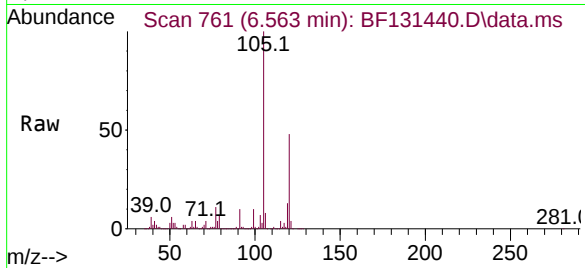




#7
Phenol-d6
Concen: 5.766 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

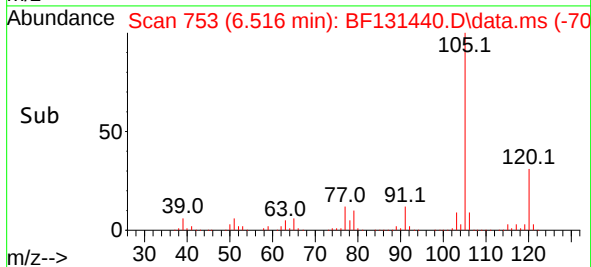
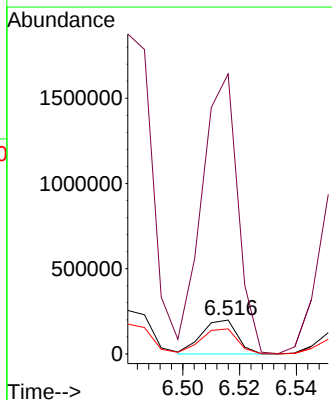
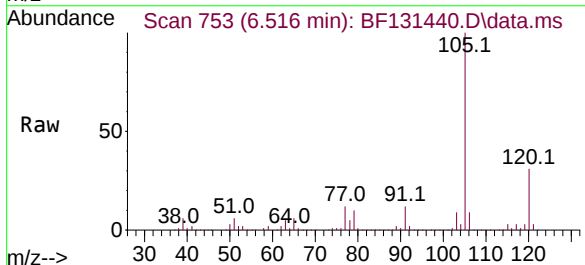
Instrument :
BNA_F
ClientSampleId :
DUP111822DL

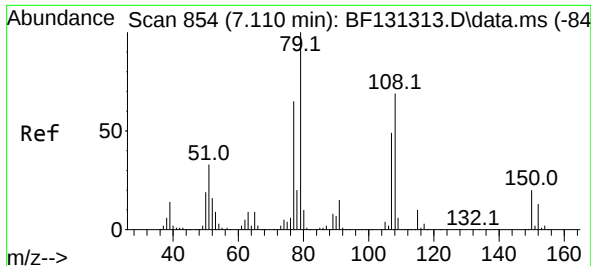
Tgt Ion: 99 Resp: 54807
Ion Ratio Lower Upper
99 100
42 23.0 19.4 29.2
71 35.5 32.3 48.5



#9
Benzaldehyde
Concen: 27.625 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.012 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion: 77 Resp: 174887
Ion Ratio Lower Upper
77 100
105 823.1 74.5 114.5#
106 73.7 68.1 108.1

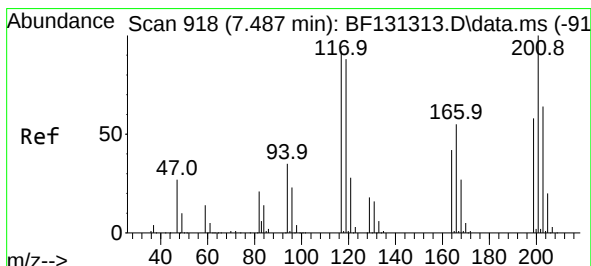
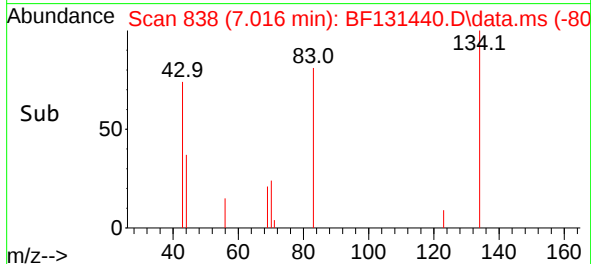
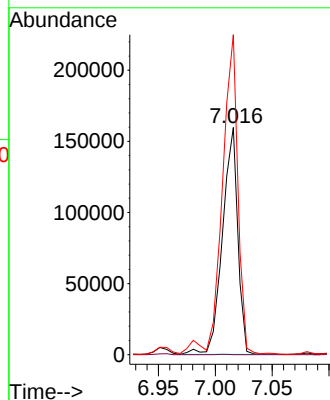
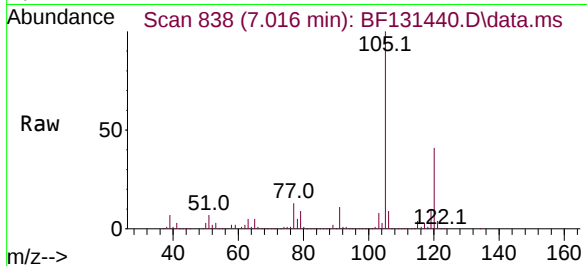




#15
Benzyl Alcohol
Concen: 19.211 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.077 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

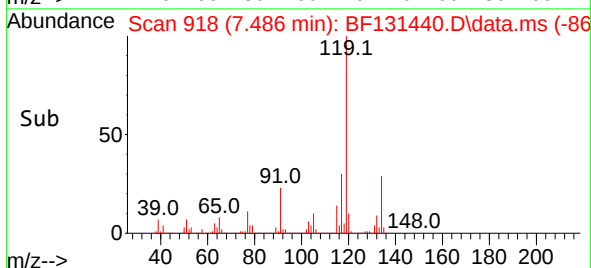
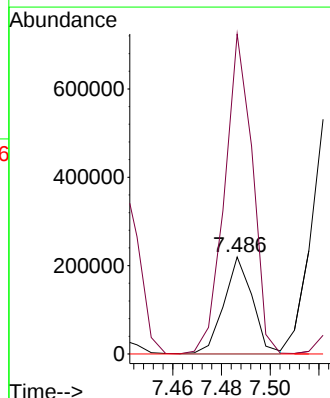
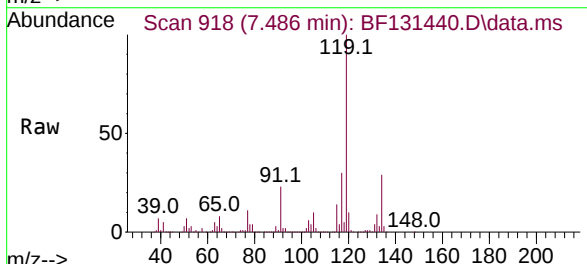
Instrument :
BNA_F
ClientSampleId :
DUP111822DL

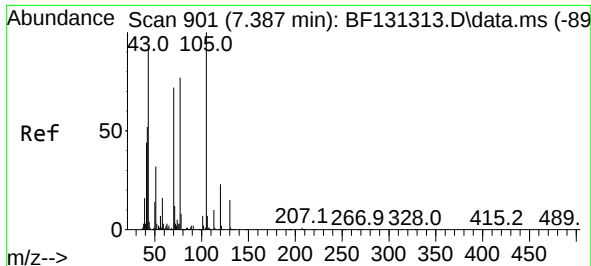
Tgt Ion: 79 Resp: 149729
Ion Ratio Lower Upper
79 100
108 0.0 55.1 82.7#
77 140.8 51.8 77.8#



#18
Hexachloroethane
Concen: 48.950 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.017 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion: 117 Resp: 178987
Ion Ratio Lower Upper
117 100
119 329.9 76.6 115.0#
201 0.0 87.0 130.6#

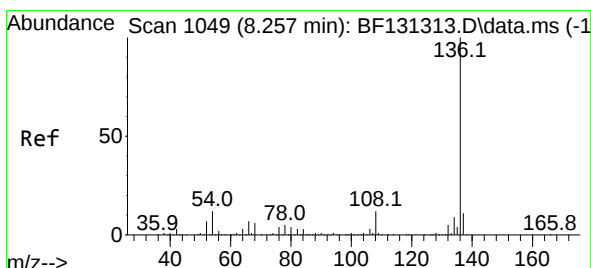
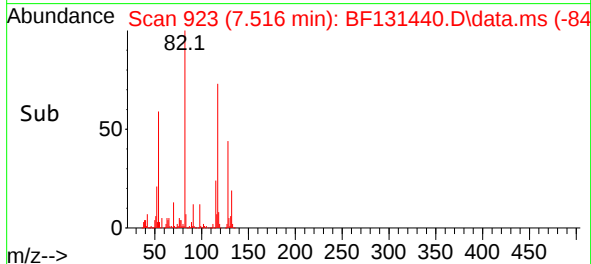
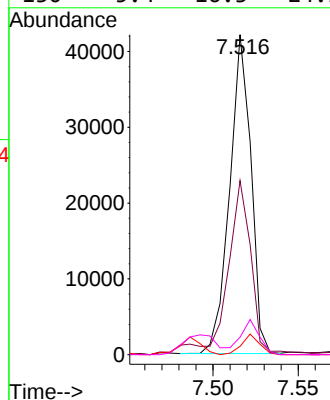
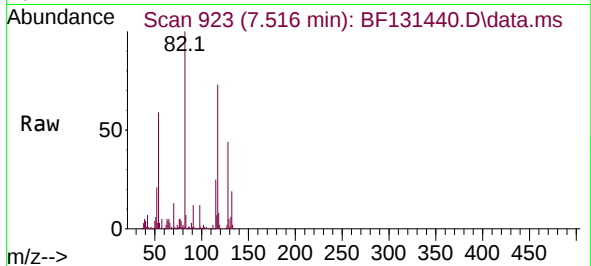




#19
n-Nitroso-di-n-propylamine
Concen: 5.254 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

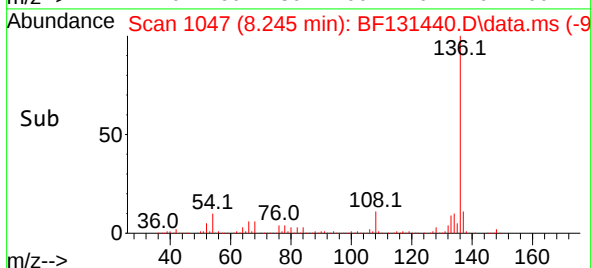
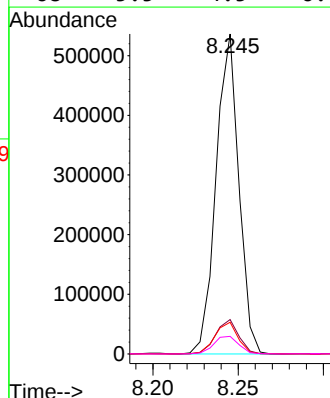
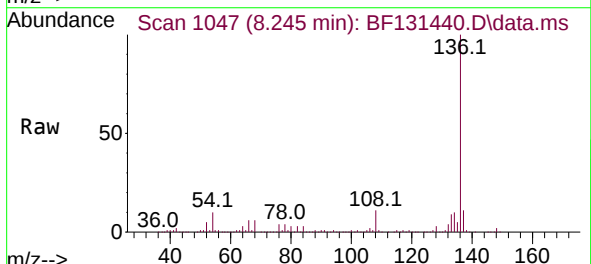
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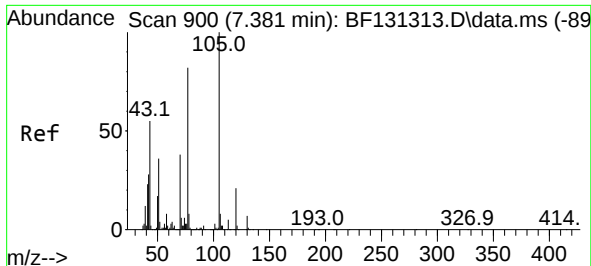
Tgt Ion: 70 Resp: 36564
Ion Ratio Lower Upper
70 100
42 54.4 57.6 86.4#
101 2.6 8.2 12.2#
130 5.4 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

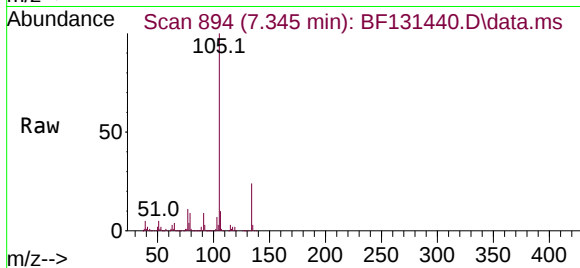
Tgt Ion: 136 Resp: 497325
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.9 9.4 14.0
68 5.5 4.5 6.7



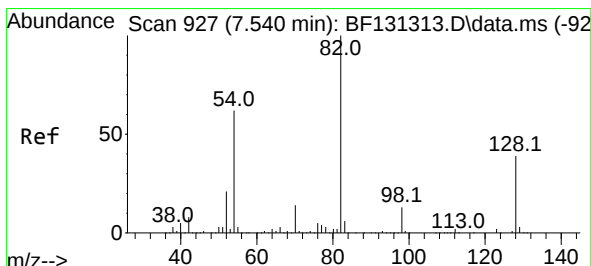
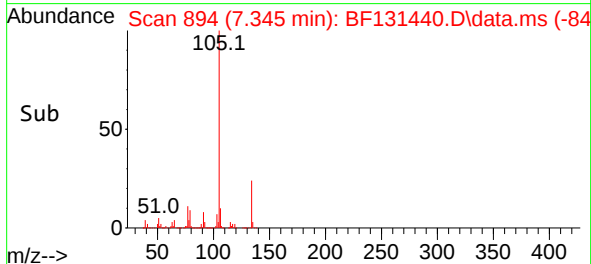
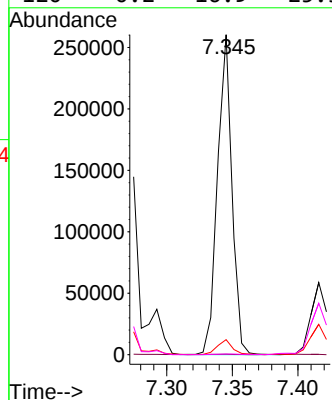


#22
Acetophenone
Concen: 15.746 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.024 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Instrument :
BNA_F
ClientSampleId :
DUP111822DL

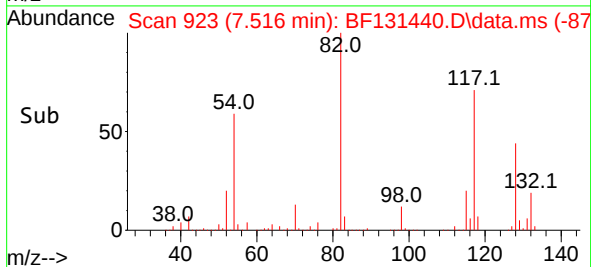
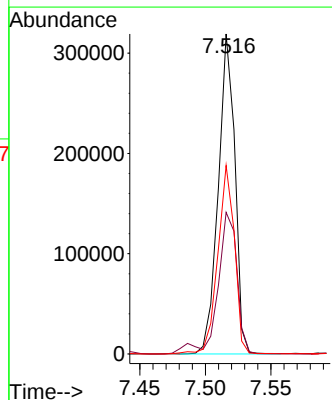
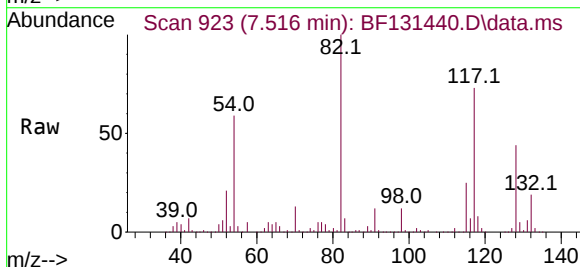


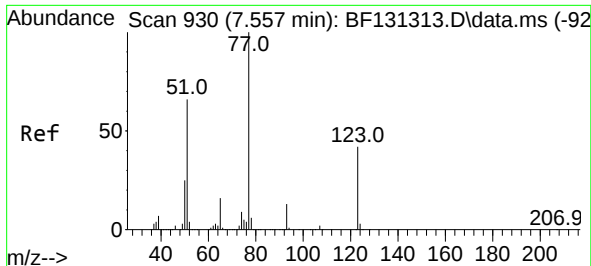
Tgt Ion:105 Resp: 199335
Ion Ratio Lower Upper
105 100
71 0.1 4.9 7.3#
51 4.7 29.0 43.4#
120 0.2 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 28.447 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion: 82 Resp: 280656
Ion Ratio Lower Upper
82 100
128 44.2 31.4 47.0
54 58.9 49.8 74.6

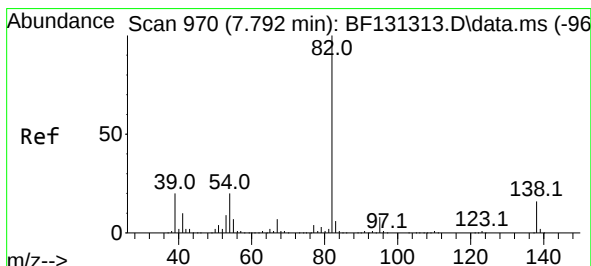
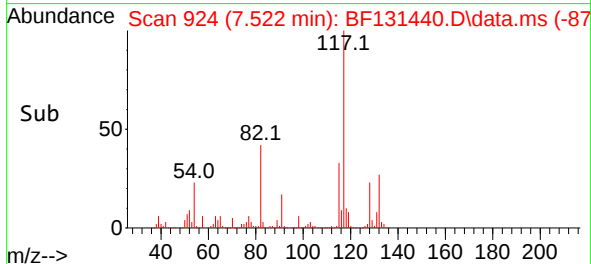
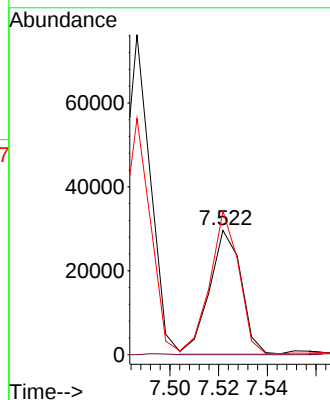
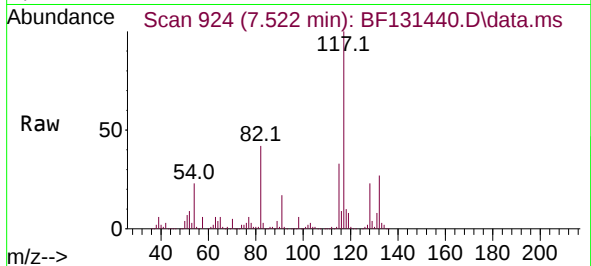




#24
Nitrobenzene
Concen: 2.561 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

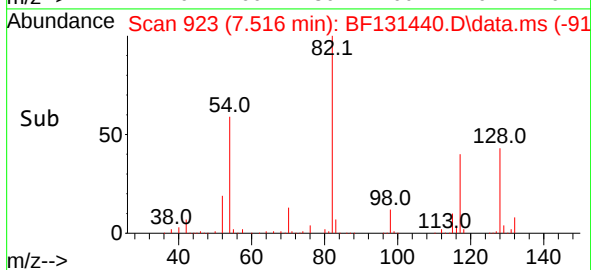
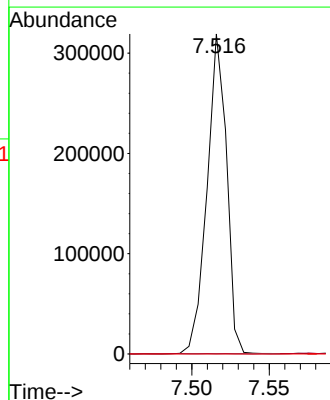
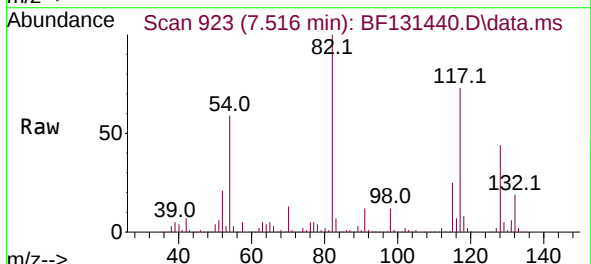
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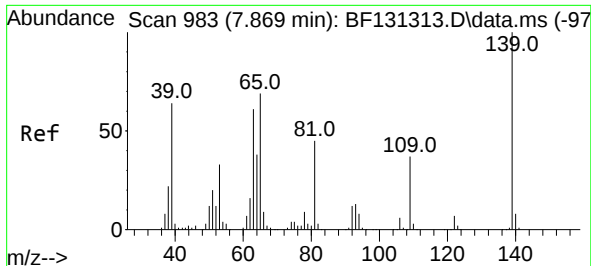
Tgt Ion: 77 Resp: 26321
Ion Ratio Lower Upper
77 100
123 0.0 33.3 49.9#
65 115.6 12.7 19.1#



#25
Isophorone
Concen: 15.868 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion: 82 Resp: 279304
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#

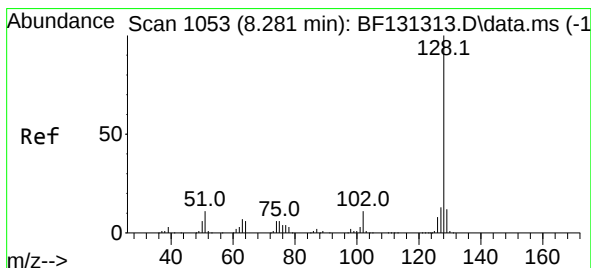
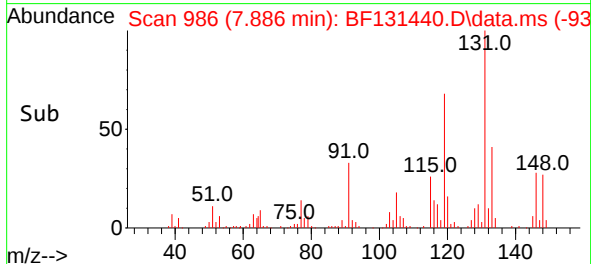
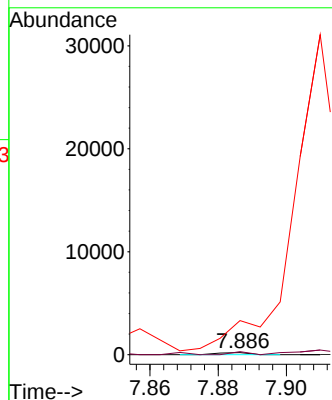
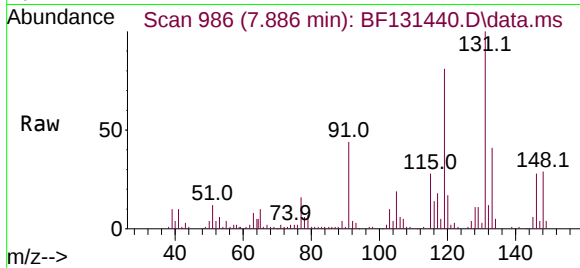




#26
2-Nitrophenol
Concen: 3.622 ng
RT: 7.886 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

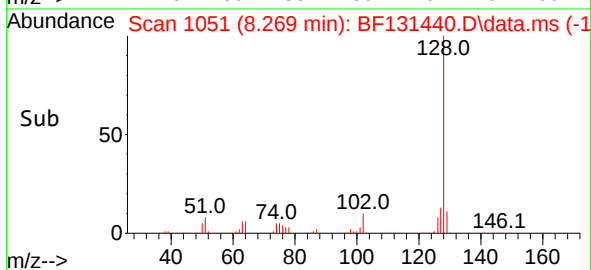
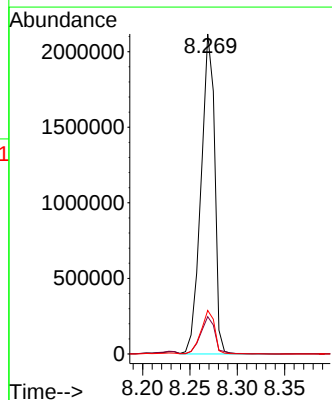
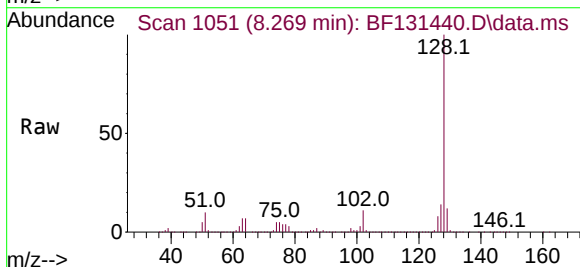
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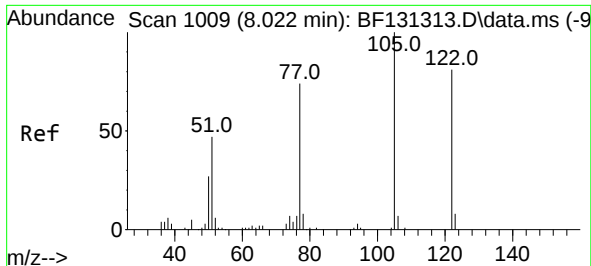
Tgt Ion:139 Resp: 129
Ion Ratio Lower Upper
139 100
109 148.0 29.9 44.9#
65 1638.1 55.7 83.5#



#31
Naphthalene
Concen: 80.172 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion:128 Resp: 2124739
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.6 10.6 16.0





#32

Benzoic acid

Concen: 5.621 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

Instrument :

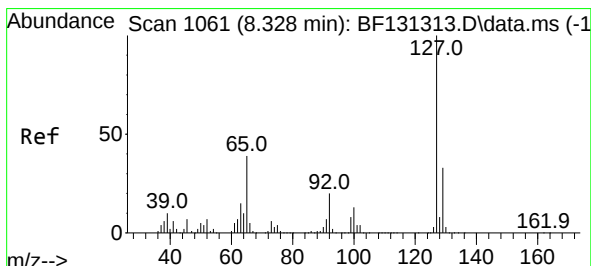
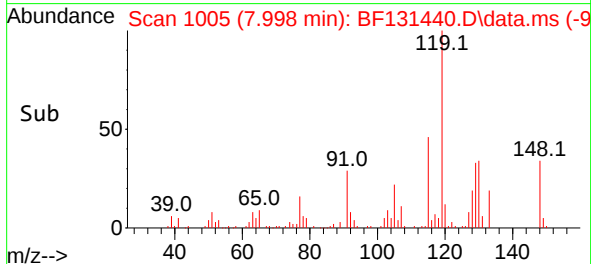
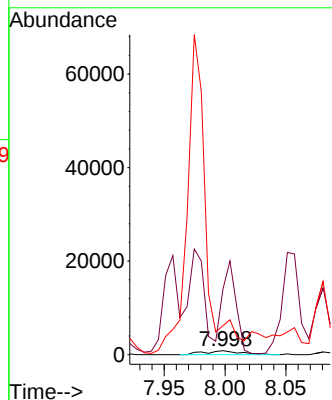
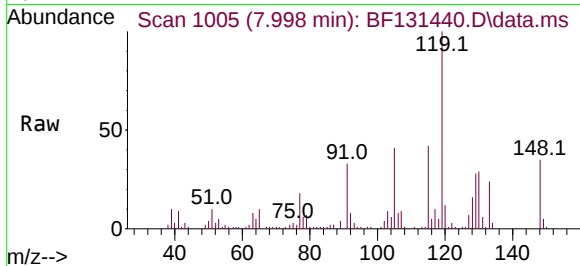
BNA_F

ClientSampleId :

DUP111822DL

Tgt Ion:122 Resp: 1784

Ion	Ratio	Lower	Upper
122	100		
105	1631.2	103.8	143.8#
77	720.6	74.3	114.3#



#33

4-Chloroaniline

Concen: 27.490 ng

RT: 8.269 min Scan# 1051

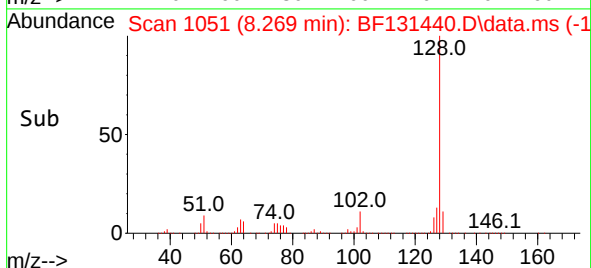
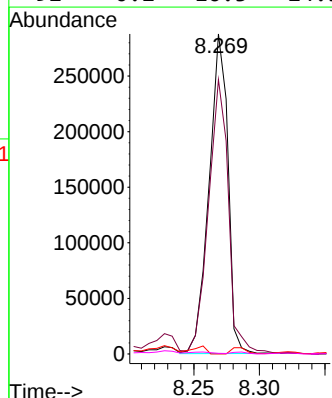
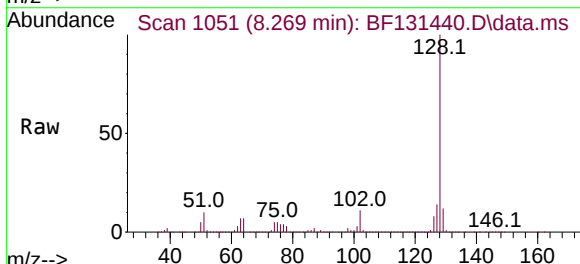
Delta R.T. -0.047 min

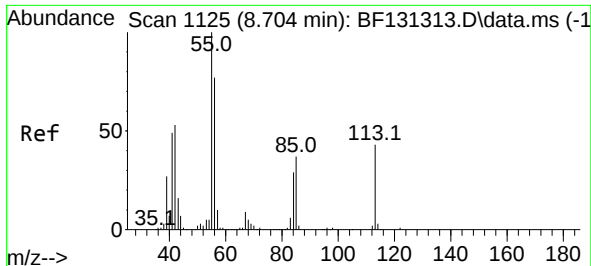
Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

Tgt Ion:127 Resp: 287417

Ion	Ratio	Lower	Upper
127	100		
129	85.7	26.4	39.6#
65	0.0	31.0	46.6#
92	0.2	16.3	24.5#

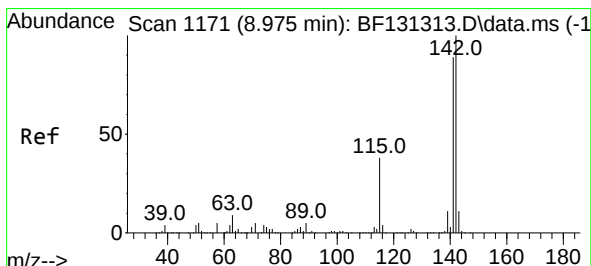
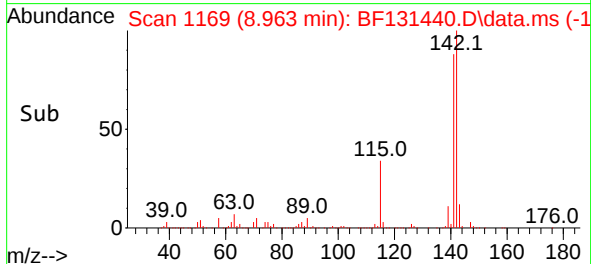
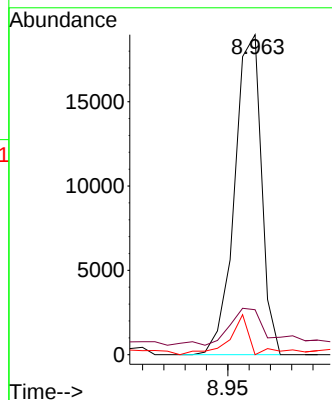
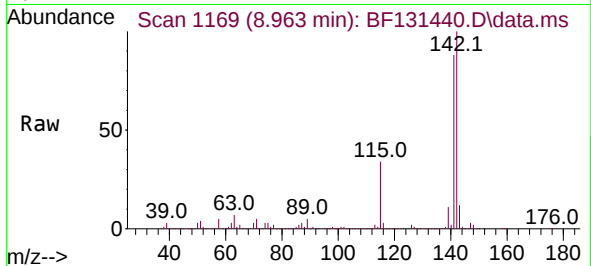




#35
 Caprolactam
 Concen: 8.551 ng
 RT: 8.963 min Scan# 1169
 Delta R.T. 0.264 min
 Lab File: BF131440.D
 Acq: 28 Nov 2022 21:00

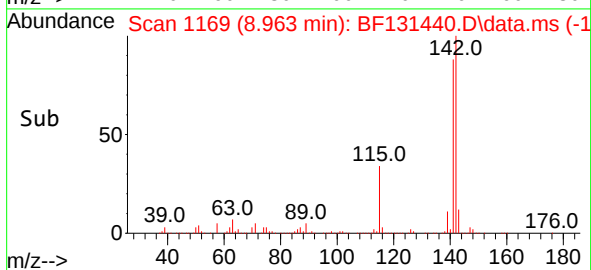
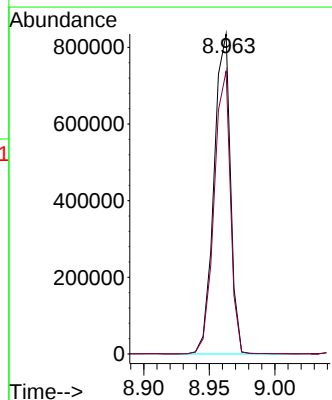
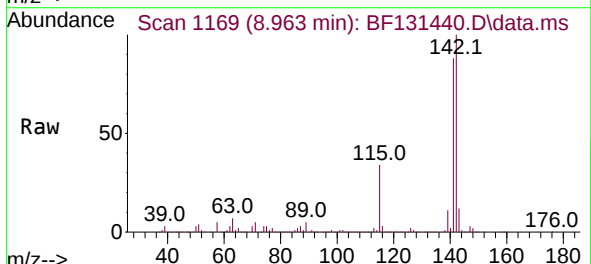
Instrument :
 BNA_F
 ClientSampleId :
 DUP111822DL

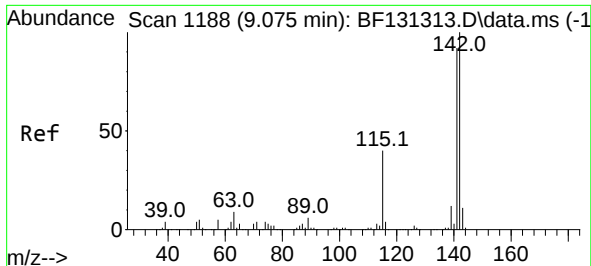
Tgt Ion:113 Resp: 16632
 Ion Ratio Lower Upper
 113 100
 55 14.0 214.5 254.5#
 56 0.0 159.4 199.4#



#37
 2-Methylnaphthalene
 Concen: 40.583 ng
 RT: 8.963 min Scan# 1169
 Delta R.T. -0.000 min
 Lab File: BF131440.D
 Acq: 28 Nov 2022 21:00

Tgt Ion:142 Resp: 728738
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.0 106.4





#38

1-Methylnaphthalene

Concen: 28.003 ng

RT: 9.057 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

Instrument :

BNA_F

ClientSampleId :

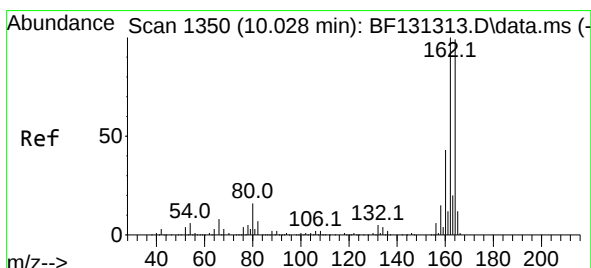
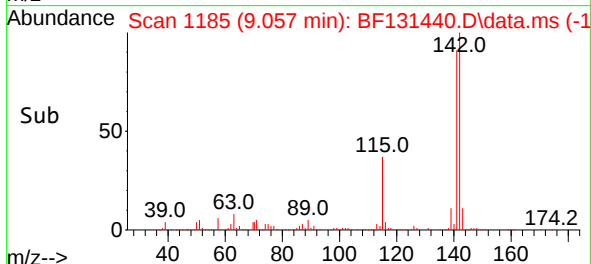
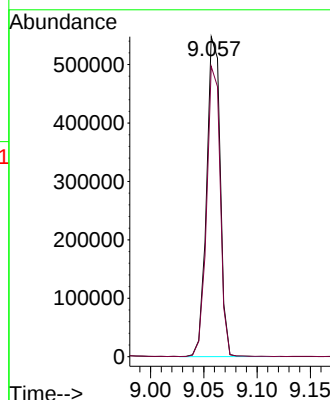
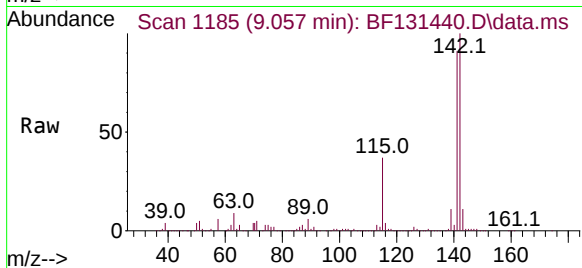
DUP111822DL

Tgt Ion:142 Resp: 487617

Ion Ratio Lower Upper

142 100

141 90.7 73.4 110.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

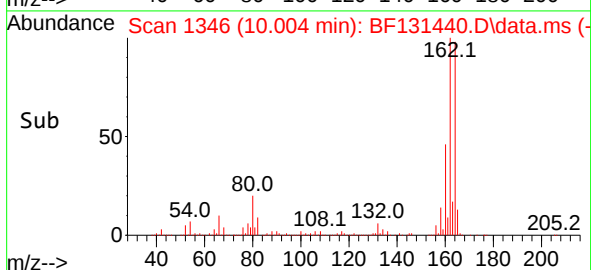
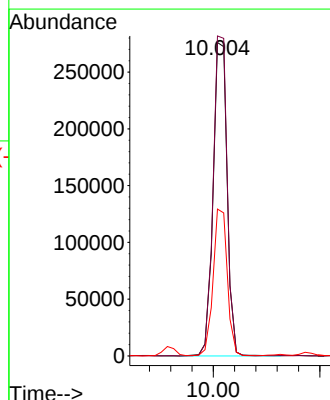
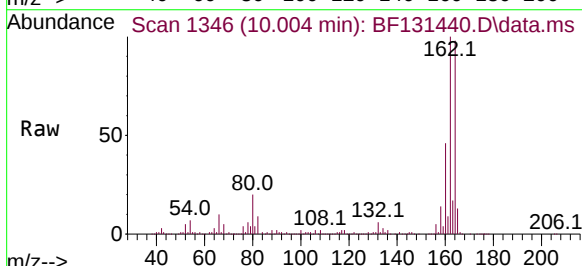
Tgt Ion:164 Resp: 253725

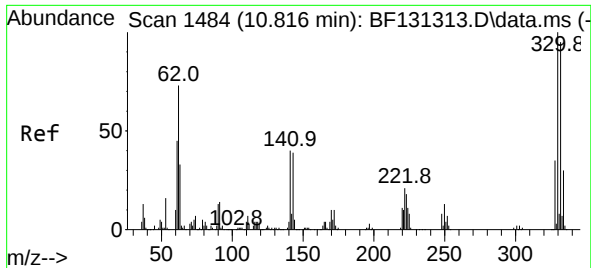
Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 46.9 34.4 51.6

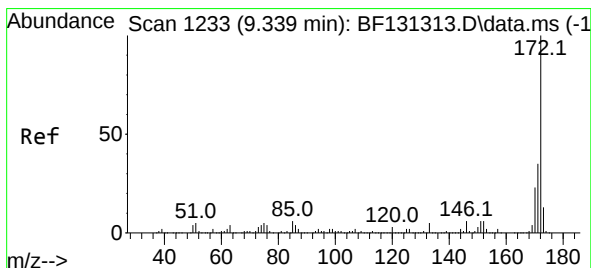
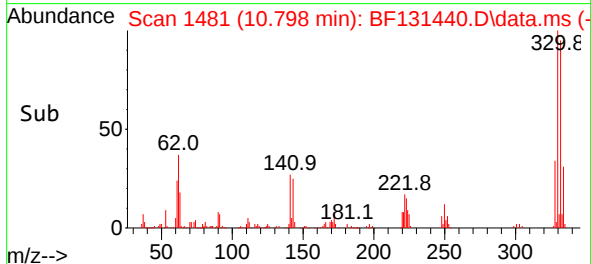
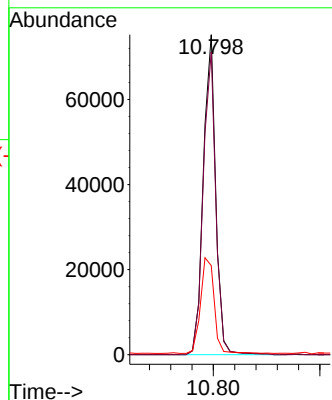
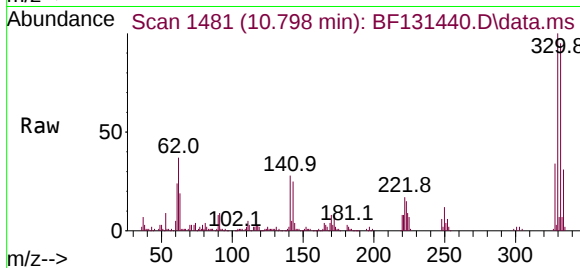




#42
2,4,6-Tribromophenol
Concen: 28.525 ng
RT: 10.798 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

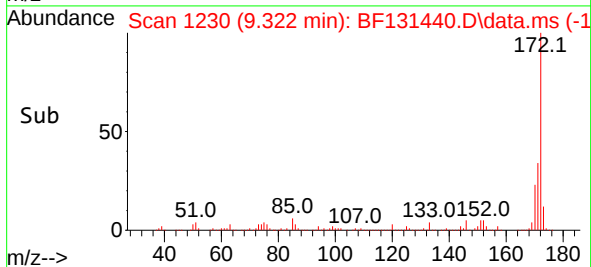
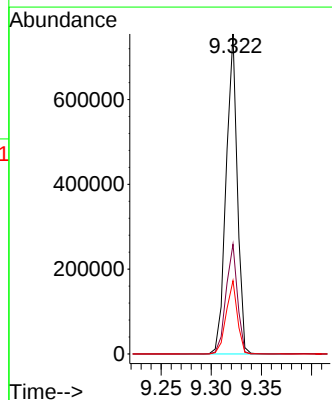
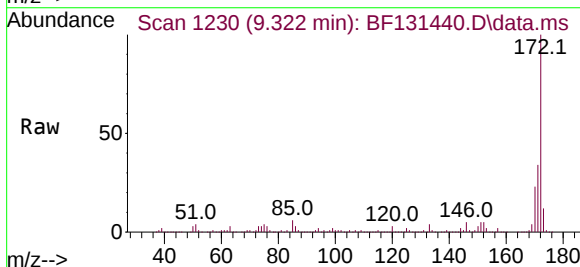
Instrument :
BNA_F
ClientSampleId :
DUP111822DL

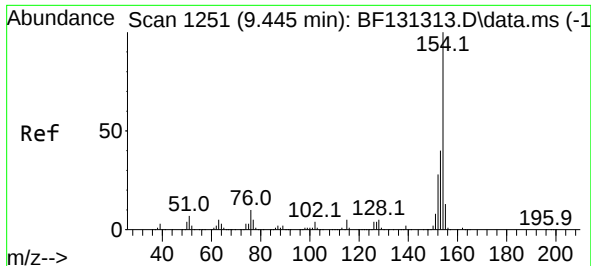
Tgt Ion:330 Resp: 60889
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 33.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 33.503 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion:172 Resp: 584299
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.9 18.7 28.1





#46

1,1'-Biphenyl

Concen: 2.539 ng

RT: 9.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

Instrument :

BNA_F

ClientSampleId :

DUP111822DL

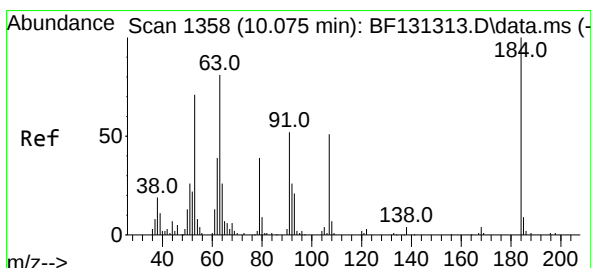
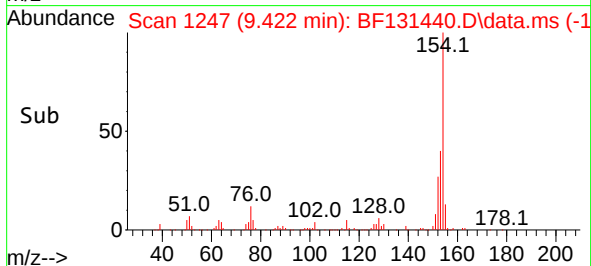
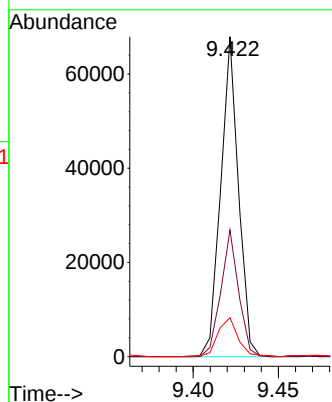
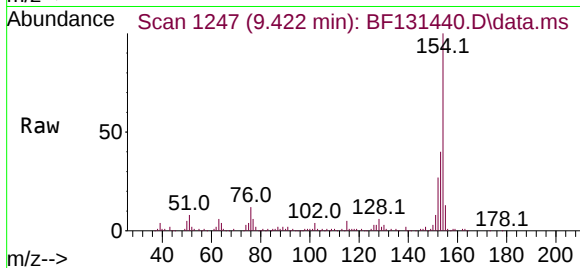
Tgt Ion:154 Resp: 49155

Ion Ratio Lower Upper

154 100

153 39.6 19.8 59.8

76 12.2 0.0 30.2



#54

2,4-Dinitrophenol

Concen: 4.955 ng

RT: 10.304 min Scan# 1397

Delta R.T. 0.241 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

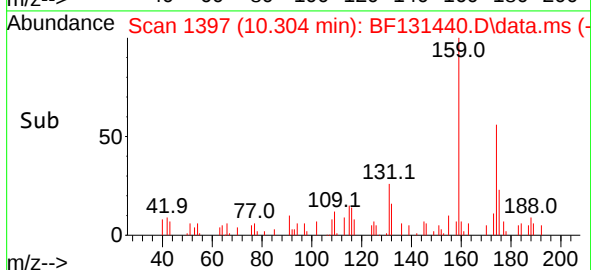
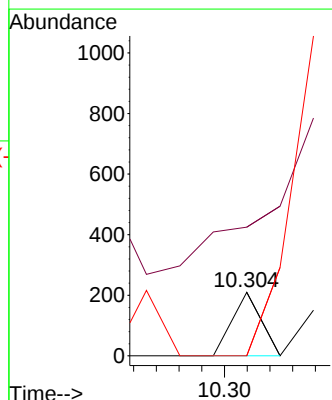
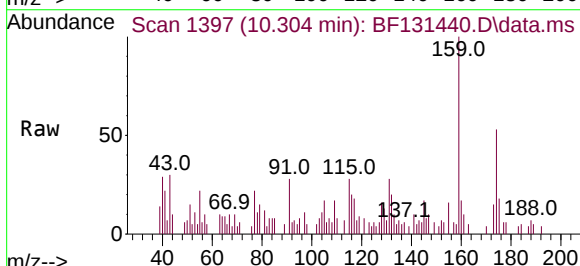
Tgt Ion:184 Resp: 74

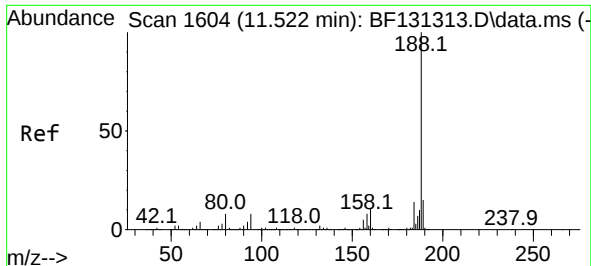
Ion Ratio Lower Upper

184 100

63 202.4 72.1 108.1#

154 0.0 56.3 84.5#

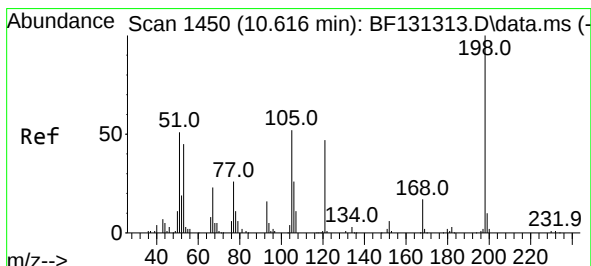
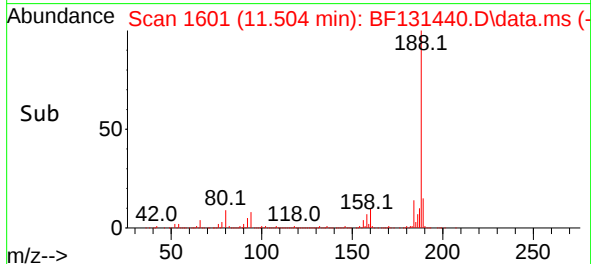
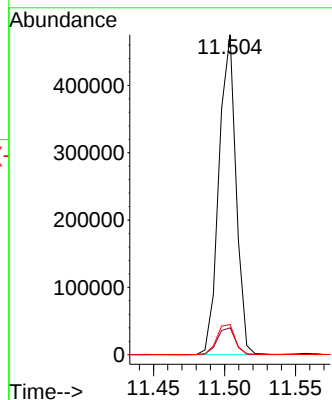
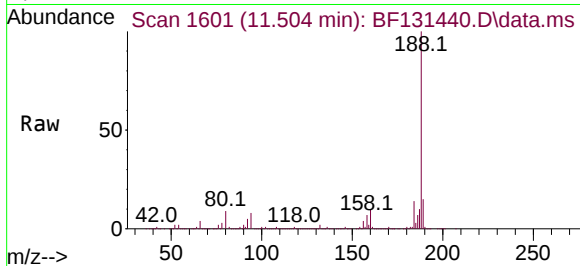




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

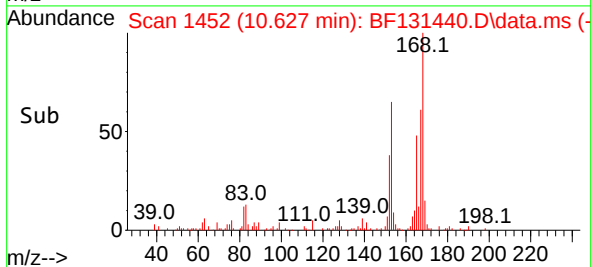
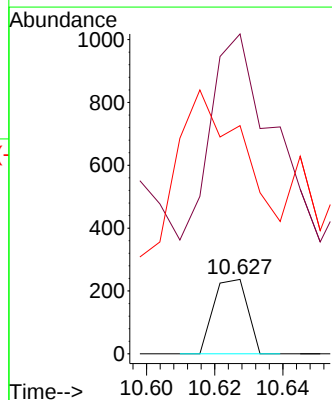
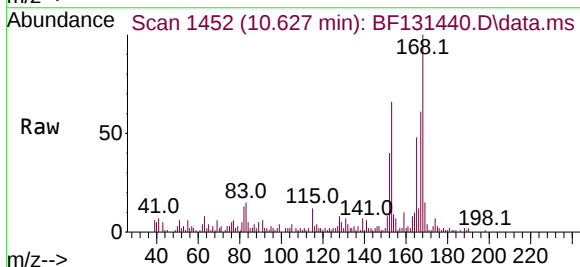
Instrument :
BNA_F
ClientSampleId :
DUP111822DL

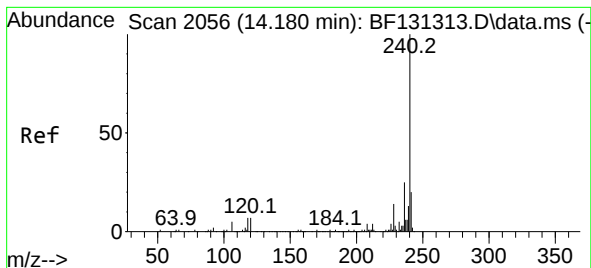
Tgt Ion:188 Resp: 396651
Ion Ratio Lower Upper
188 100
94 8.4 6.3 9.5
80 9.4 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.680 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.023 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion:198 Resp: 163
Ion Ratio Lower Upper
198 100
51 429.5 50.1 90.1#
105 306.3 32.5 72.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.012 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

Instrument :

BNA_F

ClientSampleId :

DUP111822DL

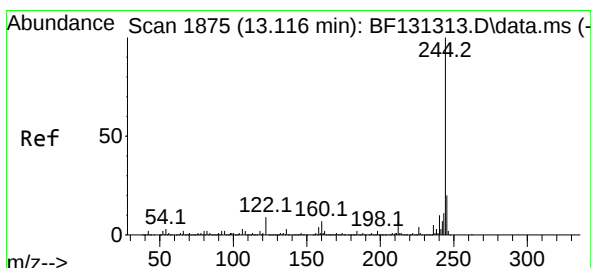
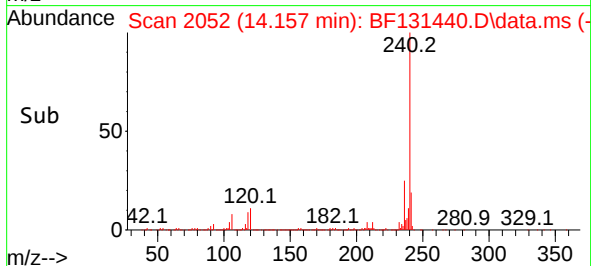
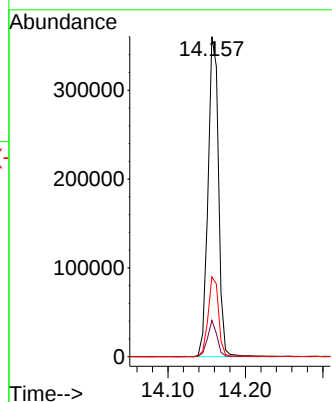
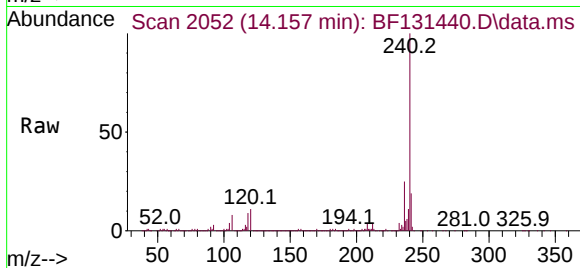
Tgt Ion:240 Resp: 339321

Ion Ratio Lower Upper

240 100

120 11.4 5.8 8.8#

236 25.0 20.3 30.5



#79

Terphenyl-d14

Concen: 21.188 ng

RT: 13.092 min Scan# 1871

Delta R.T. -0.012 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

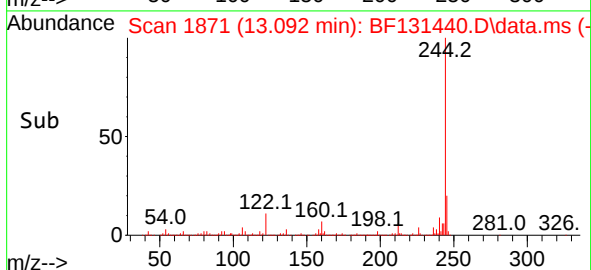
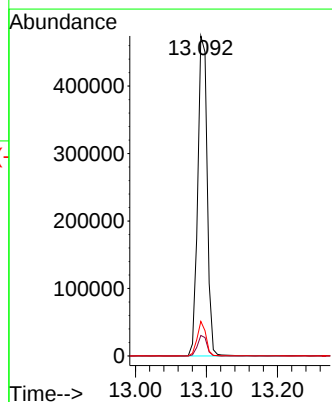
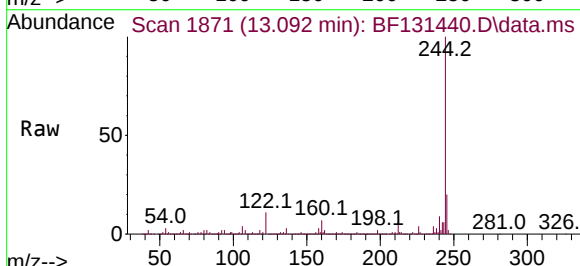
Tgt Ion:244 Resp: 439652

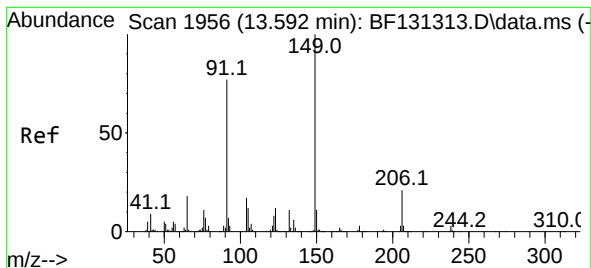
Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

122 10.8 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.209 ng

RT: 13.563 min Scan# 1956

Delta R.T. -0.018 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

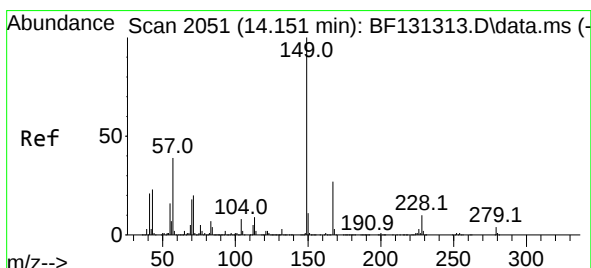
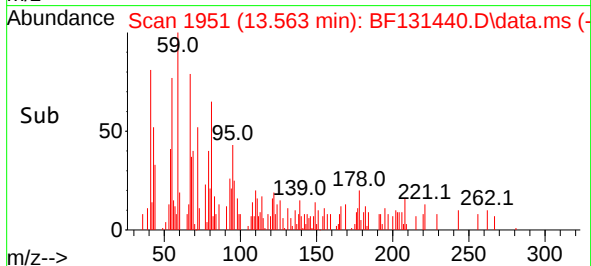
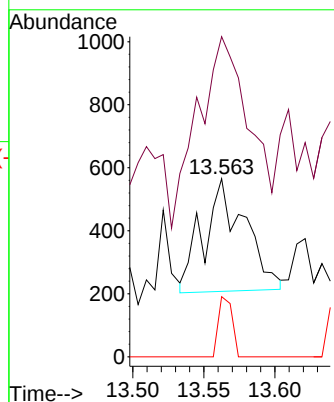
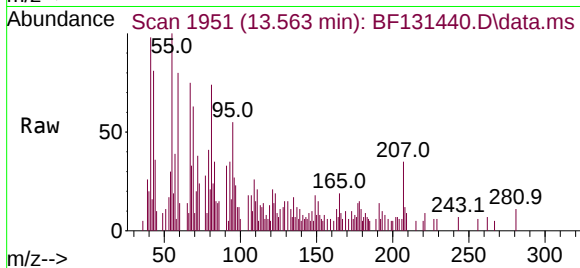
Instrument :

BNA_F

ClientSampleId :

DUP111822DL

Tgt Ion:	149	Resp:	721
Ion	Ratio	Lower	Upper
149	100		
91	179.8	61.9	92.9#
206	33.8	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.005 ng

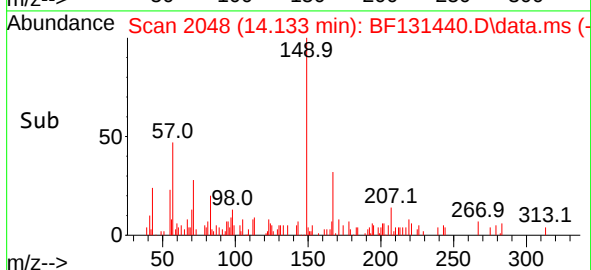
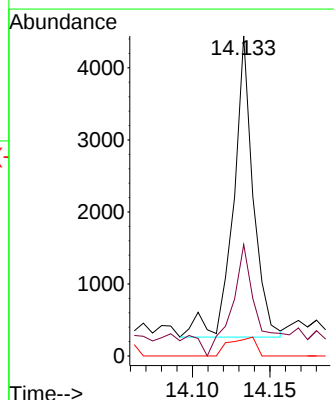
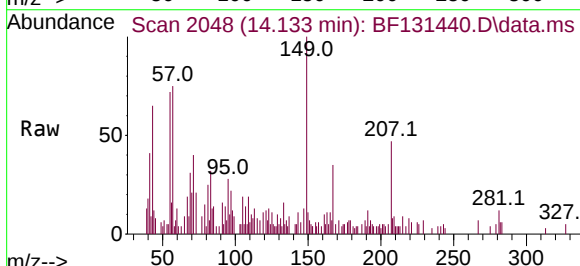
RT: 14.133 min Scan# 2048

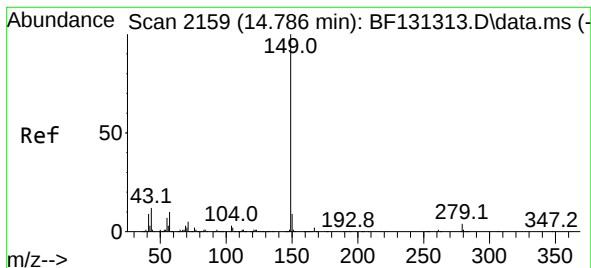
Delta R.T. -0.006 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

Tgt Ion:	149	Resp:	3718
Ion	Ratio	Lower	Upper
149	100		
167	34.8	21.9	32.9#
279	5.1	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 3.973 ng

RT: 14.757 min Scan# 2159

Delta R.T. -0.006 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

Instrument :

BNA_F

ClientSampleId :

DUP111822DL

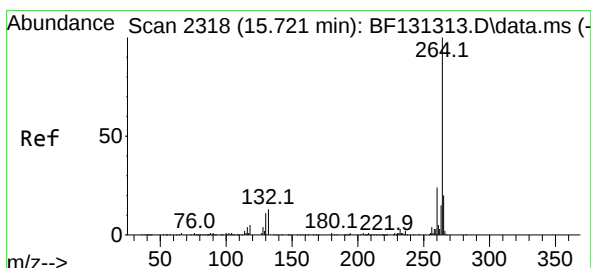
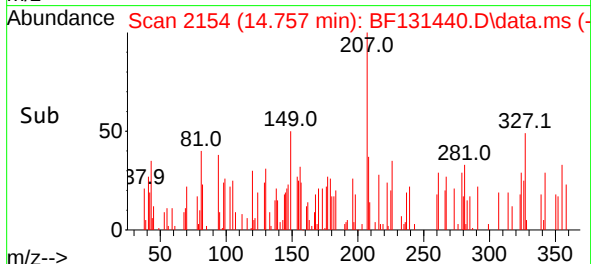
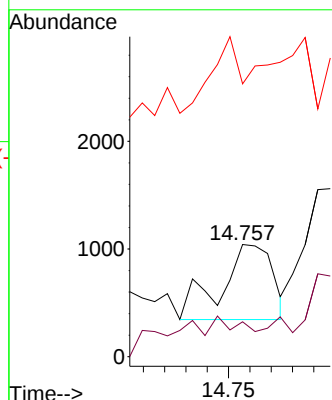
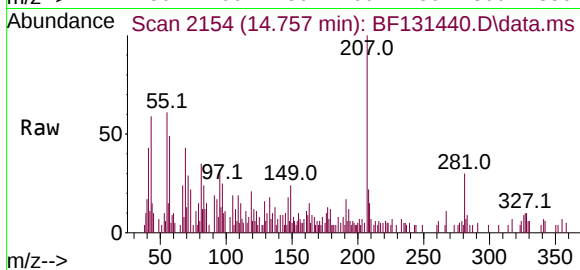
Tgt Ion:149 Resp: 1181

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 67.4 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2314

Delta R.T. -0.000 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

Tgt Ion:264 Resp: 331924

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 20.8 16.4 24.6

