

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131452.D
 Acq On : 29 Nov 2022 10:43
 Operator : CG\JU
 Sample : PB149316BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149316BL

Quant Time: Nov 30 01:03:52 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

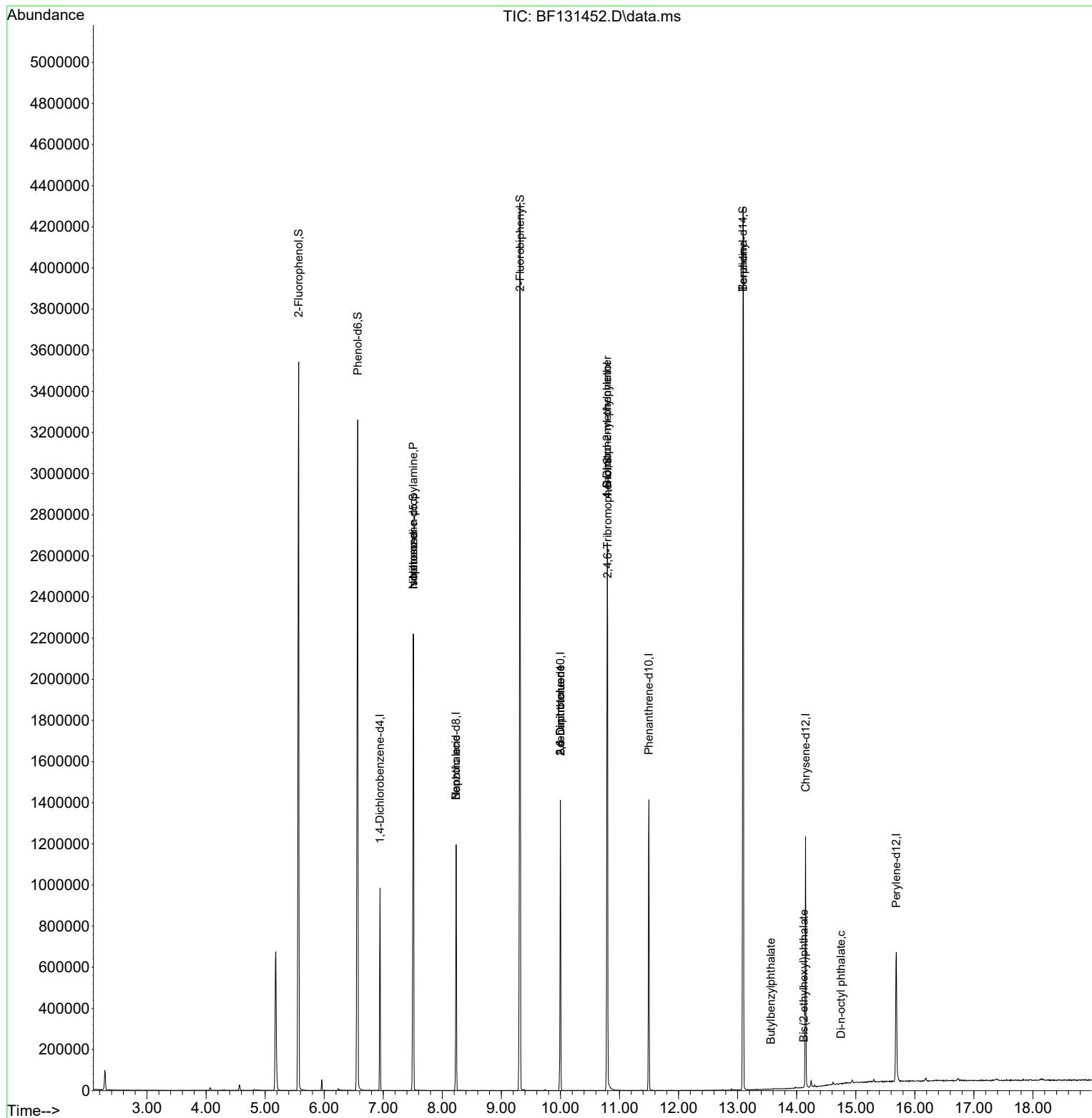
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	136649	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	508344	20.000	ng	-0.01
39) Acenaphthene-d10	9.998	164	279348	20.000	ng	-0.01
64) Phenanthrene-d10	11.498	188	517136	20.000	ng	0.00
76) Chrysene-d12	14.151	240	399827	20.000	ng	#-0.02
86) Perylene-d12	15.686	264	308692	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1030268	143.493	ng	0.01
7) Phenol-d6	6.569	99	1302233	142.154	ng	0.00
23) Nitrobenzene-d5	7.510	82	823341	81.644	ng	-0.02
42) 2,4,6-Tribromophenol	10.798	330	358035	152.344	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1473629	76.745	ng	-0.01
79) Terphenyl-d14	13.092	244	1773559	72.537	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.569	77	2137	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	7.510	70	107877	16.086	ng	# 71
25) Isophorone	7.510	82	821764	45.675	ng	# 68
32) Benzoic acid	8.233	122	85	5.149	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	36478	9.372	ng	# 15
57) 2,4-Dinitrotoluene	9.998	165	36478	7.448	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.792	198	695	4.925	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	21974	3.467	ng	# 1
77) Benzidine	13.092	184	21638	2.930	ng	# 93
80) Butylbenzylphthalate	13.562	149	236	4.162	ng	# 82
84) Bis(2-ethylhexyl)phtha...	14.121	149	1103	3.813	ng	# 87
85) Di-n-octyl phthalate	14.751	149	668	3.936	ng	# 1

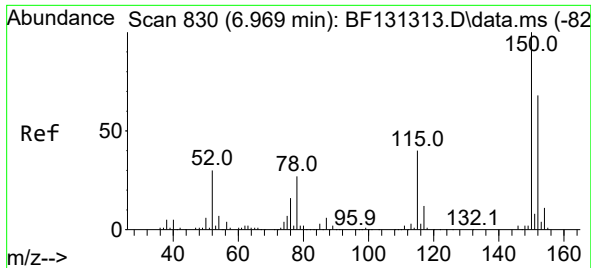
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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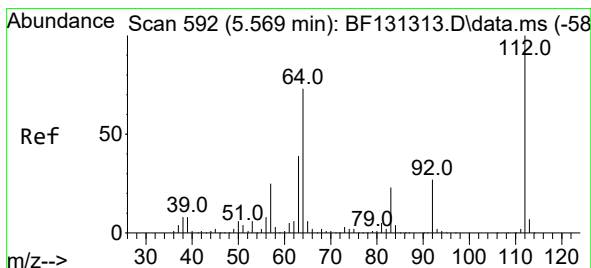
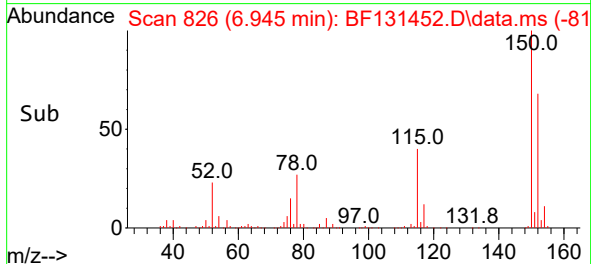
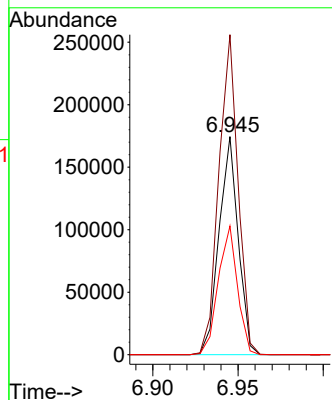
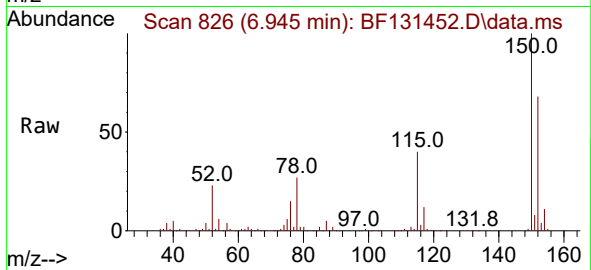




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

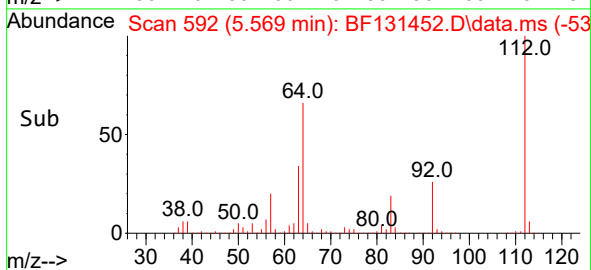
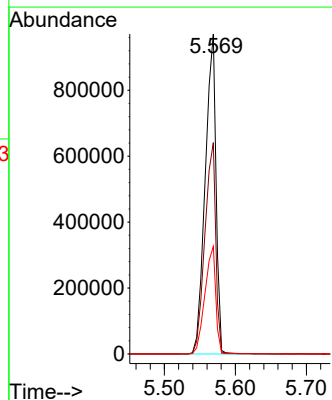
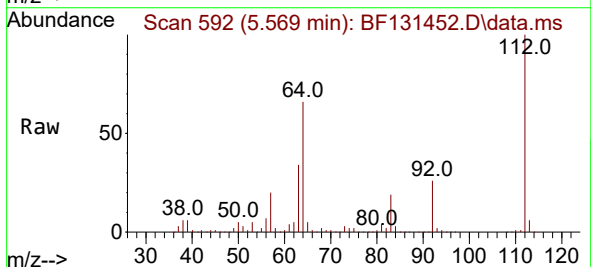
Instrument :
BNA_F
ClientSampleId :
PB149316BL

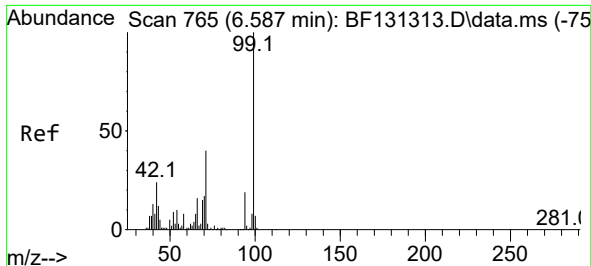
Tgt Ion:152 Resp: 136649
Ion Ratio Lower Upper
152 100
150 146.7 117.8 176.8
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 143.493 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

Tgt Ion:112 Resp: 1030268
Ion Ratio Lower Upper
112 100
64 66.0 58.6 88.0
63 33.6 31.4 47.0

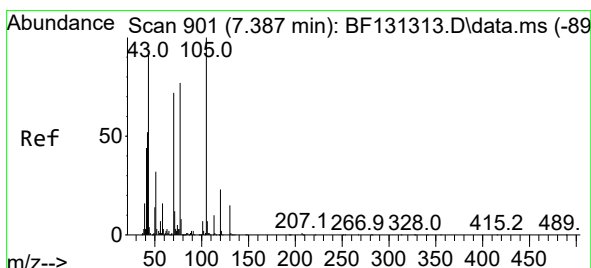
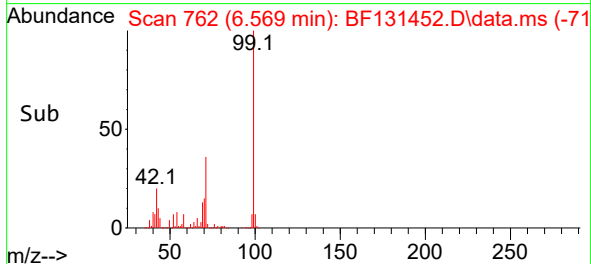
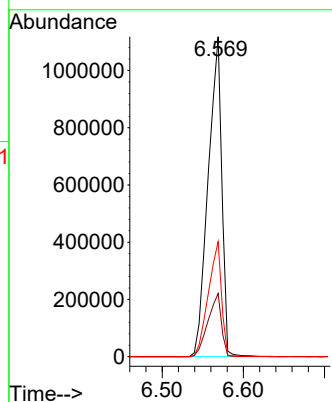
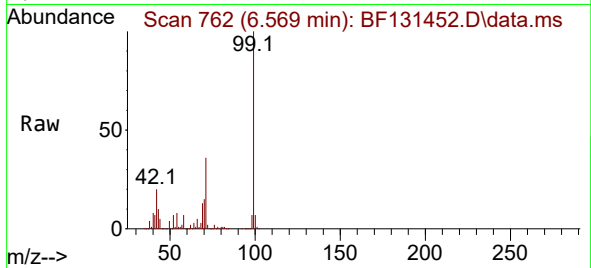




#7
Phenol-d6
Concen: 142.154 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

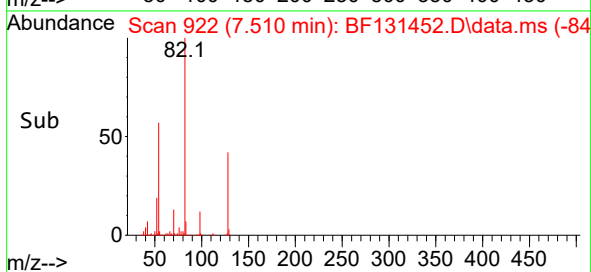
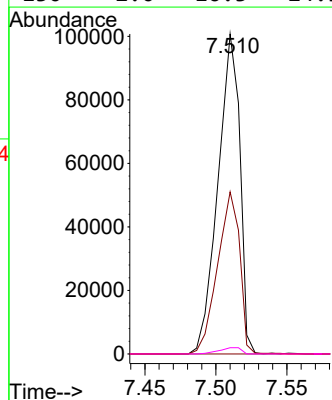
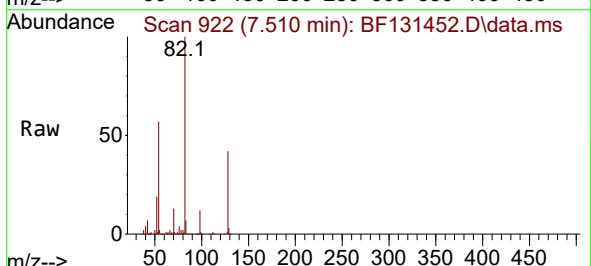
Instrument :
BNA_F
ClientSampleId :
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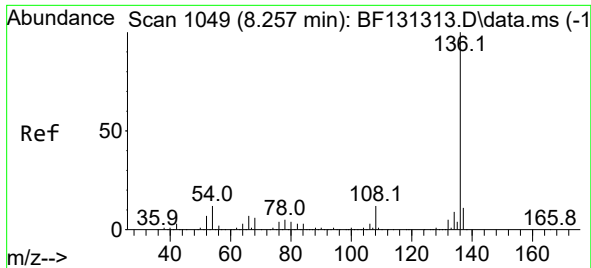
Tgt Ion: 99 Resp: 1302233
Ion Ratio Lower Upper
99 100
42 19.8 19.4 29.2
71 35.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.086 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.141 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

Tgt Ion: 70 Resp: 107877
Ion Ratio Lower Upper
70 100
42 50.6 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#

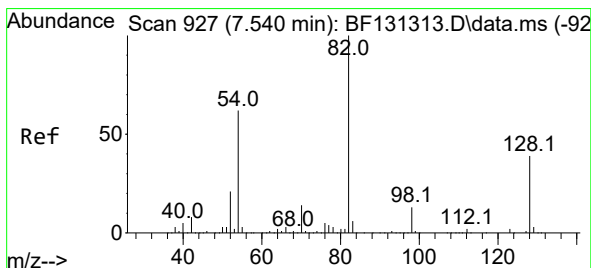
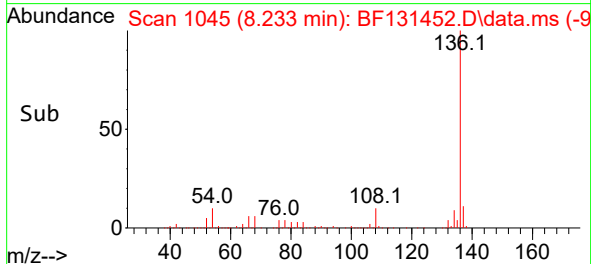
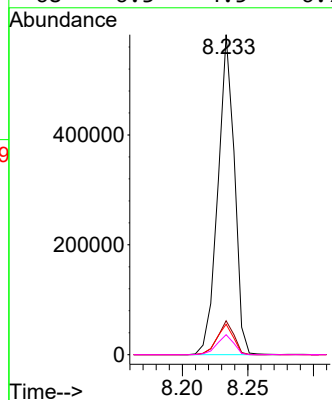
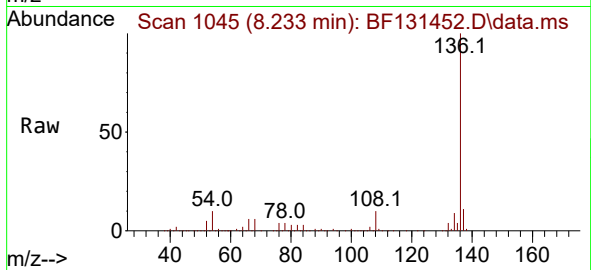




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

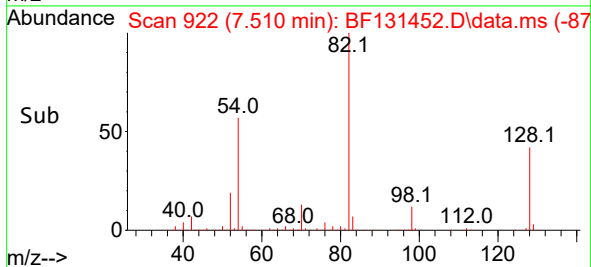
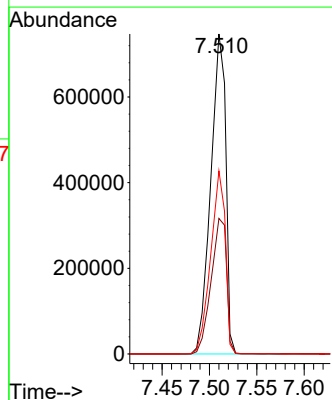
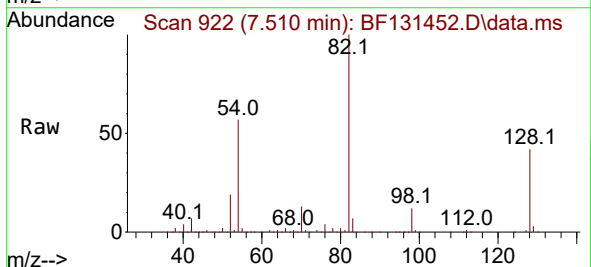
Instrument :
BNA_F
ClientSampleId :
PB149316BL

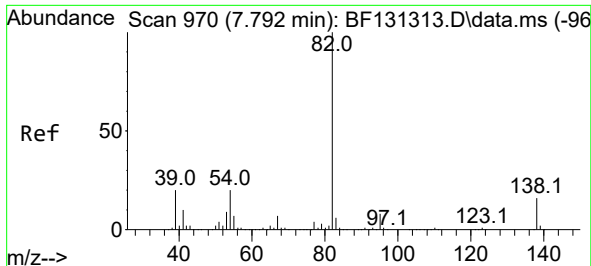
Tgt Ion:136 Resp: 508344
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.5 9.4 14.0
68 6.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 81.644 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.018 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

Tgt Ion: 82 Resp: 823341
Ion Ratio Lower Upper
82 100
128 42.3 31.4 47.0
54 57.2 49.8 74.6

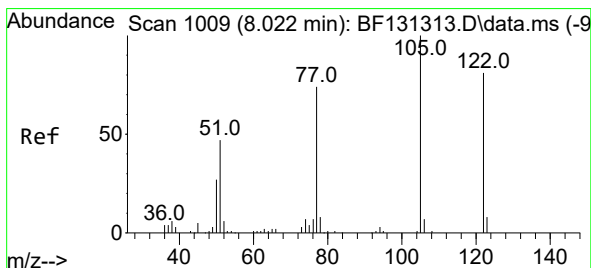
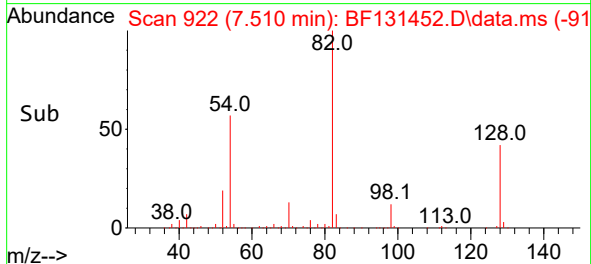
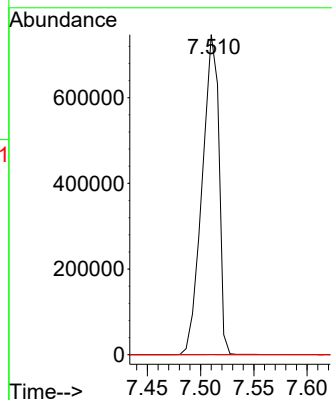
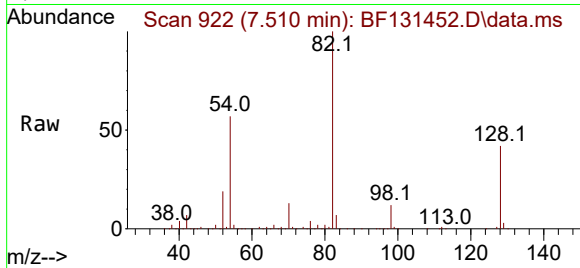




#25
Isophorone
Concen: 45.675 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.271 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

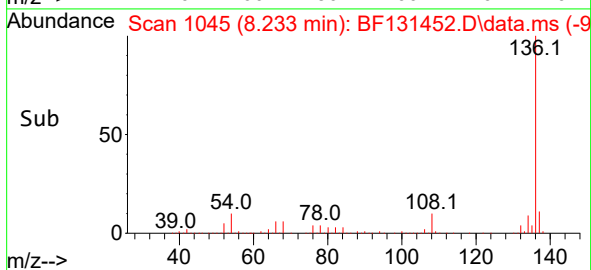
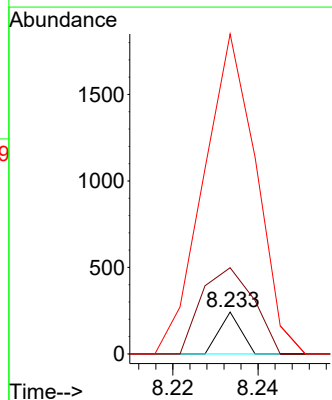
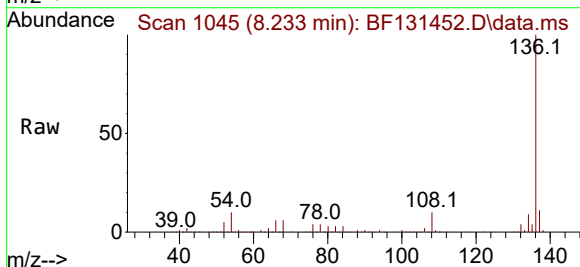
Instrument :
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ClientSampleId :
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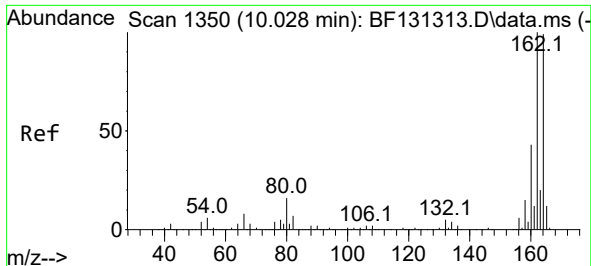
Tgt Ion: 82 Resp: 821764
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.149 ng
RT: 8.233 min Scan# 1045
Delta R.T. 0.229 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

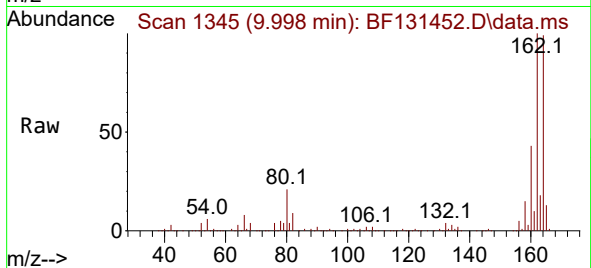
Tgt Ion: 122 Resp: 85
Ion Ratio Lower Upper
122 100
105 205.8 103.8 143.8#
77 764.5 74.3 114.3#



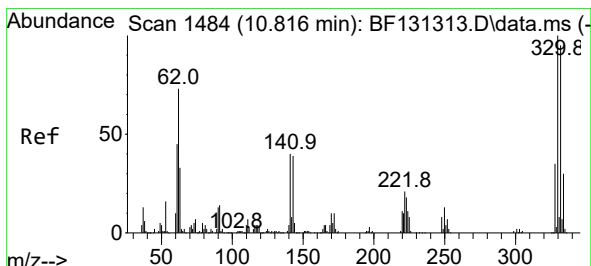
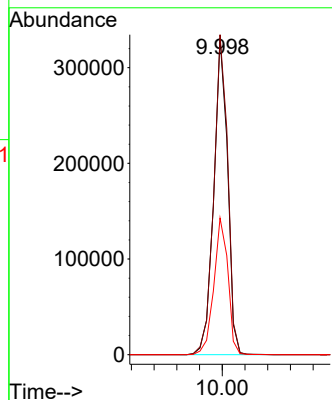
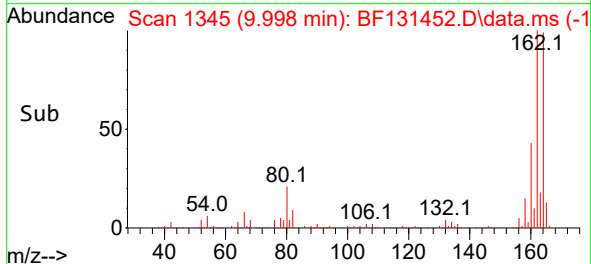


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

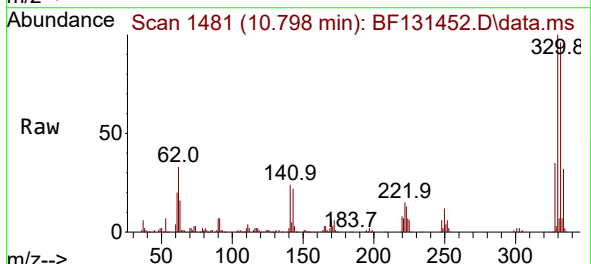
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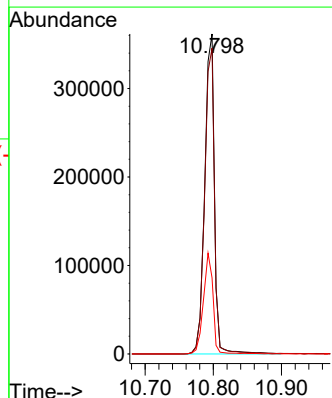
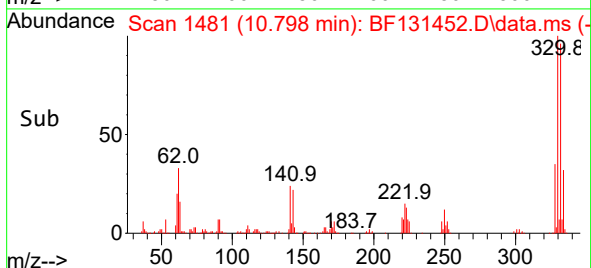
Tgt Ion:164 Resp: 279348
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 43.2 34.4 51.6

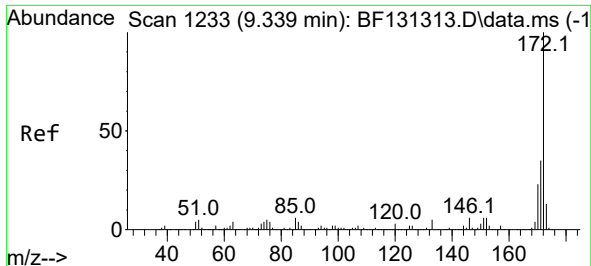


#42
2,4,6-Tribromophenol
Concen: 152.344 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43



Tgt Ion:330 Resp: 358035
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 31.2 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 76.745 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131452.D

Acq: 29 Nov 2022 10:43

Instrument :

BNA_F

ClientSampleId :

PB149316BL

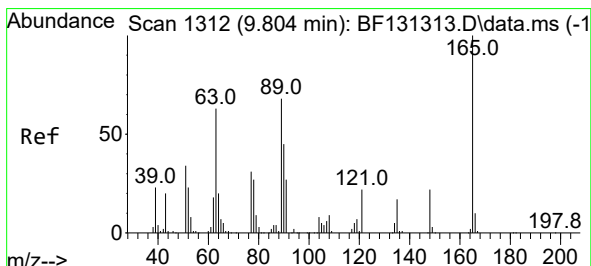
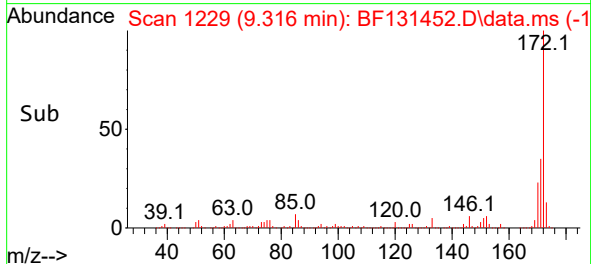
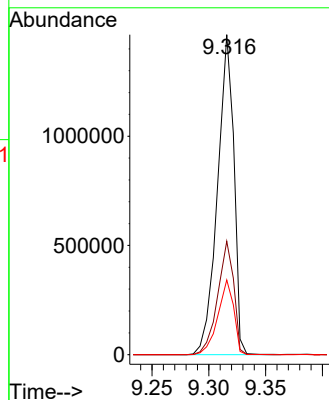
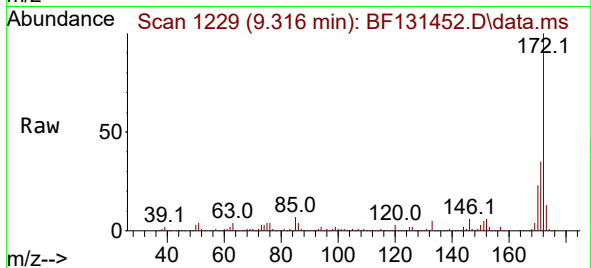
Tgt Ion:172 Resp: 1473629

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.3 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.372 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.206 min

Lab File: BF131452.D

Acq: 29 Nov 2022 10:43

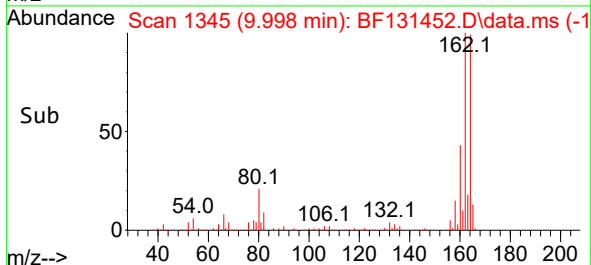
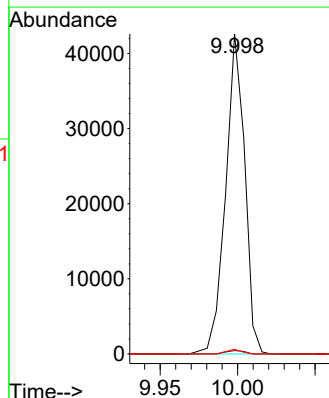
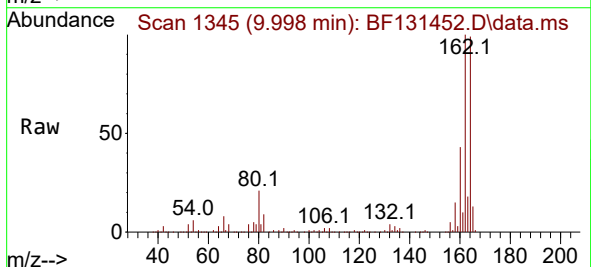
Tgt Ion:165 Resp: 36478

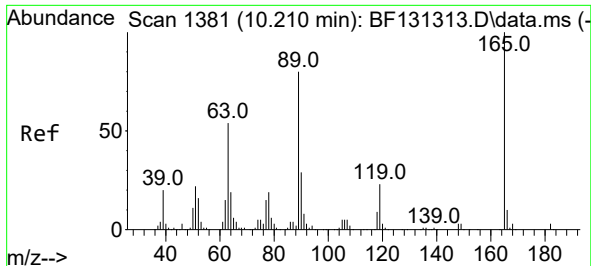
Ion Ratio Lower Upper

165 100

63 1.0 62.0 93.0#

89 1.4 54.4 81.6#

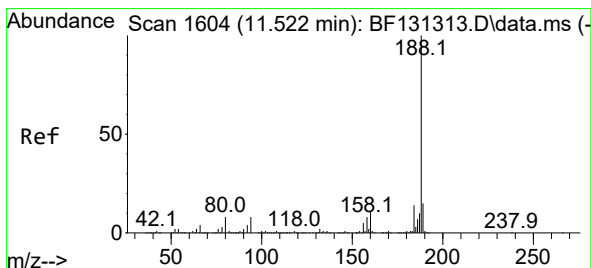
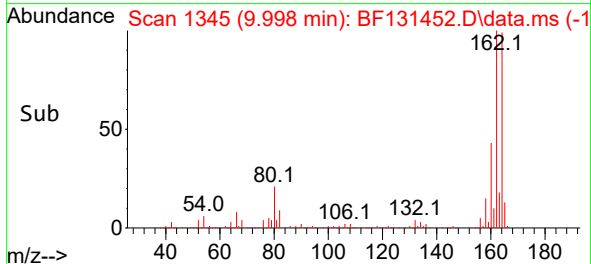
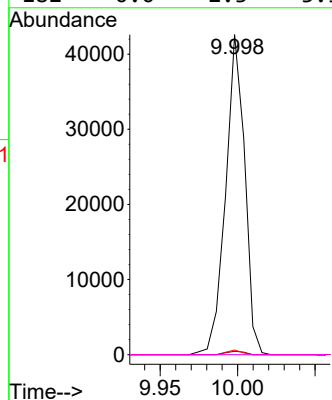
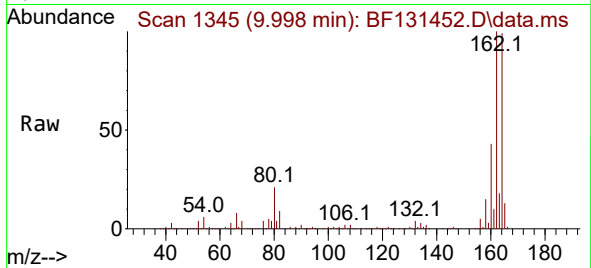




#57
2,4-Dinitrotoluene
Concen: 7.448 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

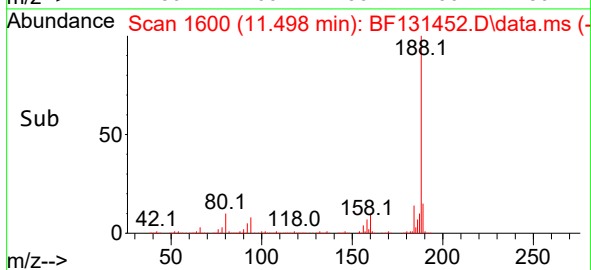
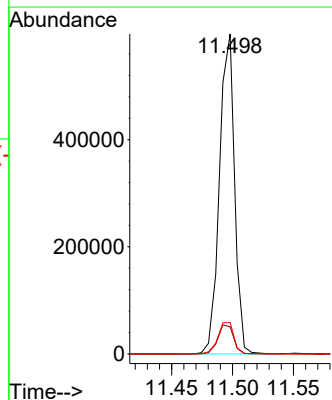
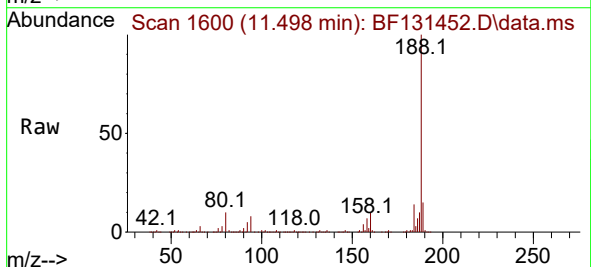
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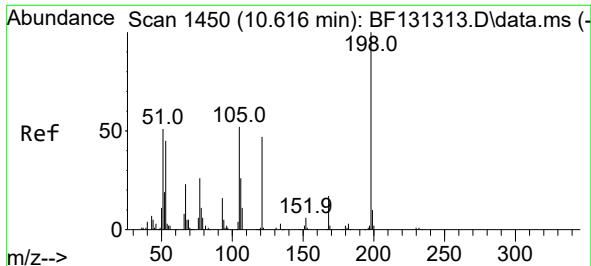
Tgt Ion:165 Resp: 36478
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 1.4 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

Tgt Ion:188 Resp: 517136
Ion Ratio Lower Upper
188 100
94 8.5 6.3 9.5
80 9.8 6.8 10.2

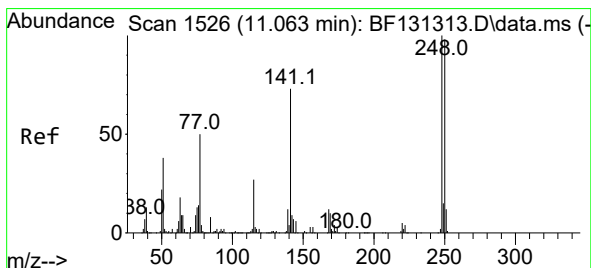
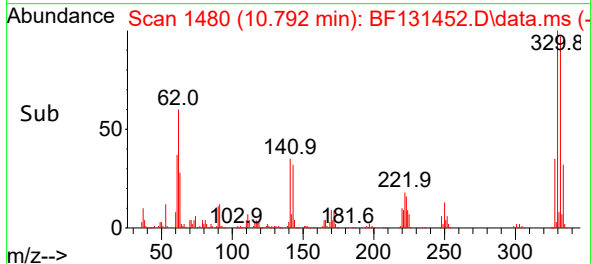
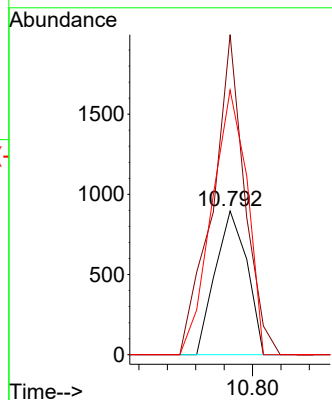
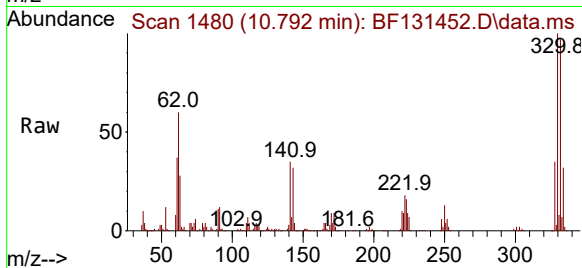




#65
4,6-Dinitro-2-methylphenol
Concen: 4.925 ng
RT: 10.792 min Scan# 1450
Delta R.T. 0.188 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

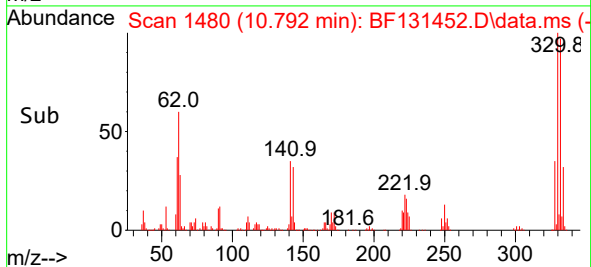
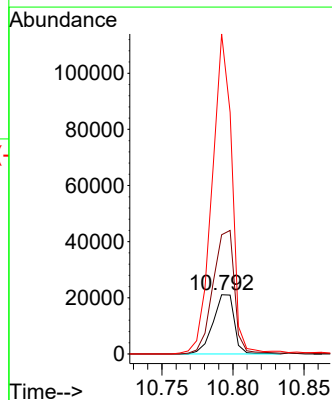
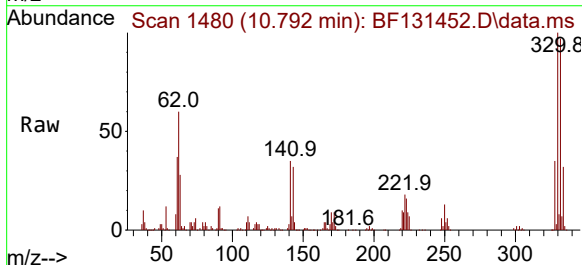
Instrument :
BNA_F
ClientSampleId :
PB149316BL

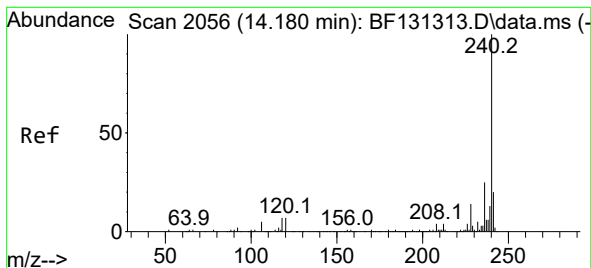
Tgt Ion:198 Resp: 695
Ion Ratio Lower Upper
198 100
51 222.8 50.1 90.1#
105 184.3 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.467 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

Tgt Ion:248 Resp: 21974
Ion Ratio Lower Upper
248 100
250 201.3 78.3 117.5#
141 539.9 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2056

Delta R.T. -0.018 min

Lab File: BF131452.D

Acq: 29 Nov 2022 10:43

Instrument :

BNA_F

ClientSampleId :

PB149316BL

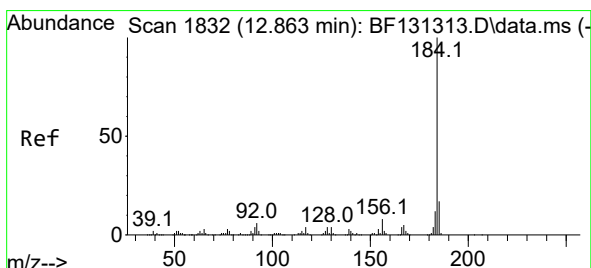
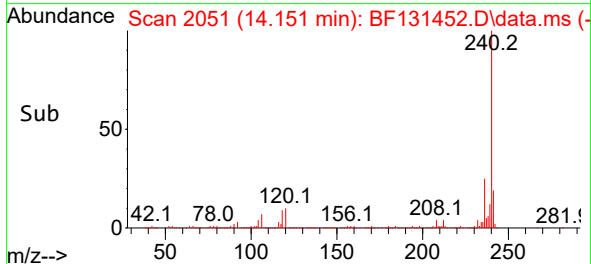
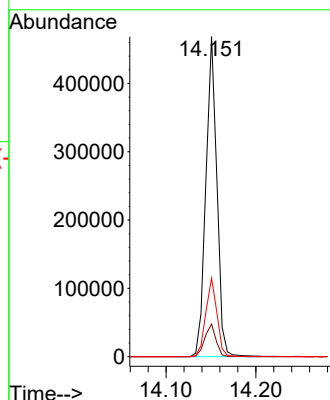
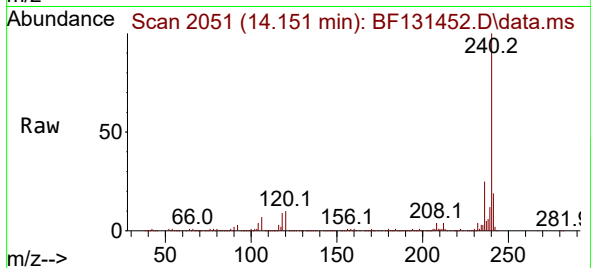
Tgt Ion:240 Resp: 399827

Ion Ratio Lower Upper

240 100

120 10.2 5.8 8.8#

236 24.6 20.3 30.5



#77

Benzdine

Concen: 2.930 ng

RT: 13.092 min Scan# 1871

Delta R.T. 0.241 min

Lab File: BF131452.D

Acq: 29 Nov 2022 10:43

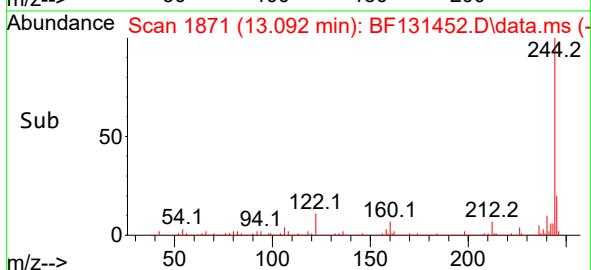
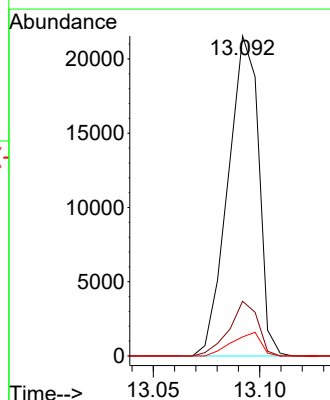
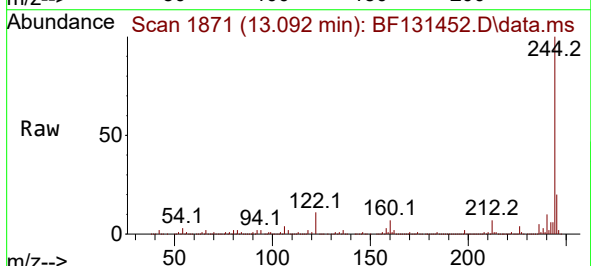
Tgt Ion:184 Resp: 21638

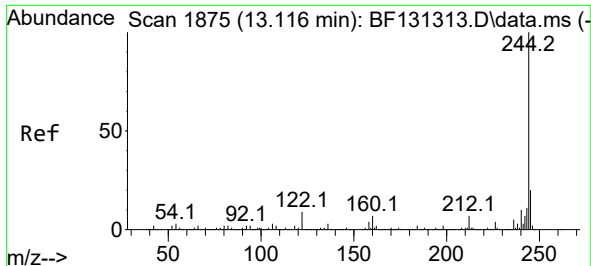
Ion Ratio Lower Upper

184 100

185 17.1 13.8 20.8

183 5.9 9.6 14.4#

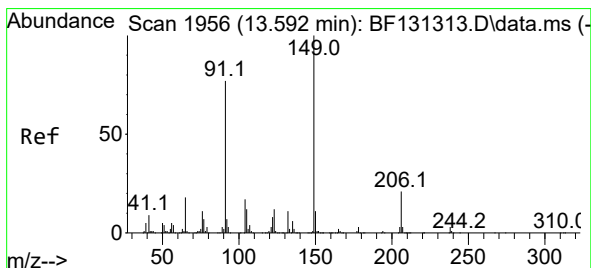
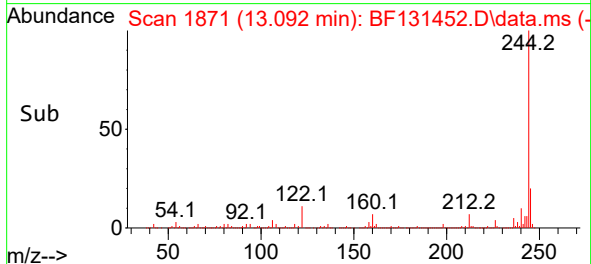
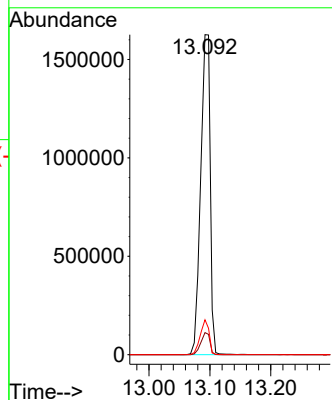
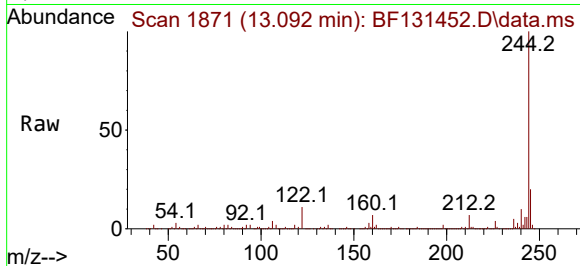




#79
 Terphenyl-d14
 Concen: 72.537 ng
 RT: 13.092 min Scan# 1875
 Delta R.T. -0.012 min
 Lab File: BF131452.D
 Acq: 29 Nov 2022 10:43

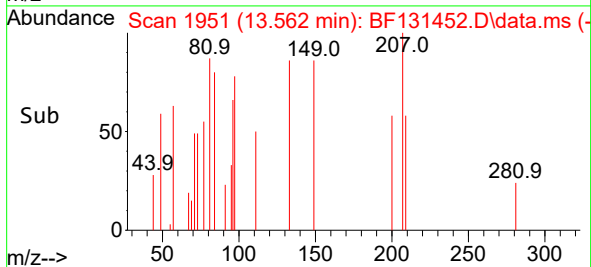
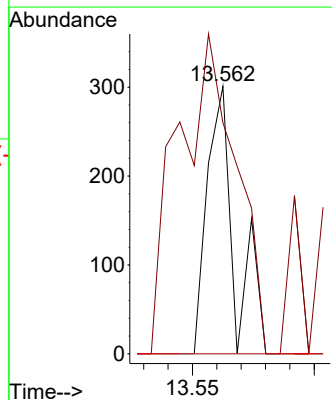
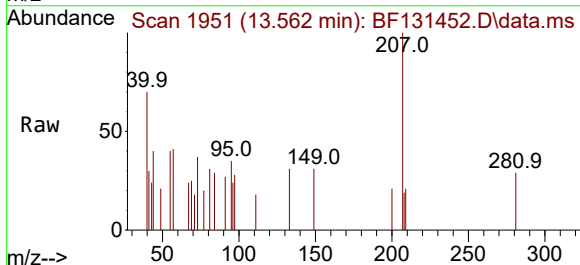
Instrument :
 BNA_F
 ClientSampleId :
 PB149316BL

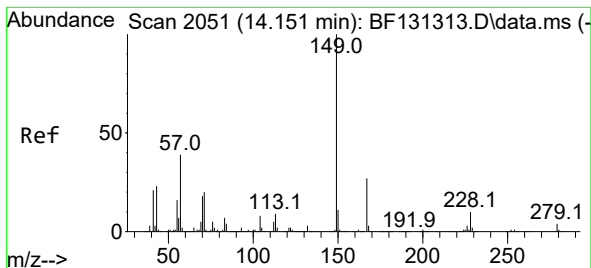
Tgt Ion:244 Resp: 1773559
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.9 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.162 ng
 RT: 13.562 min Scan# 1951
 Delta R.T. -0.018 min
 Lab File: BF131452.D
 Acq: 29 Nov 2022 10:43

Tgt Ion:149 Resp: 236
 Ion Ratio Lower Upper
 149 100
 91 86.4 61.9 92.9
 206 0.0 16.5 24.7#

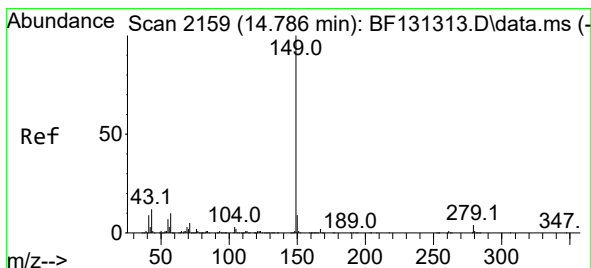
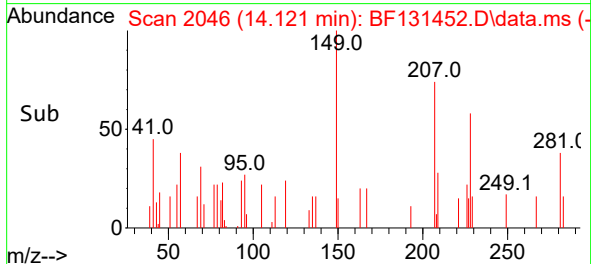
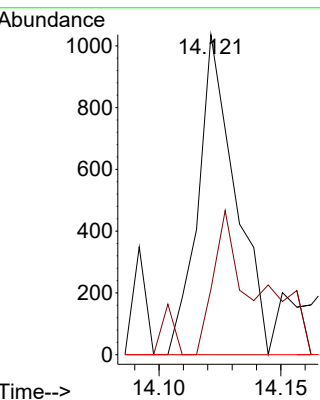
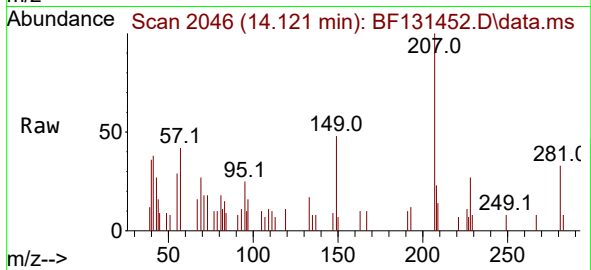




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.813 ng
 RT: 14.121 min Scan# 2046
 Delta R.T. -0.018 min
 Lab File: BF131452.D
 Acq: 29 Nov 2022 10:43

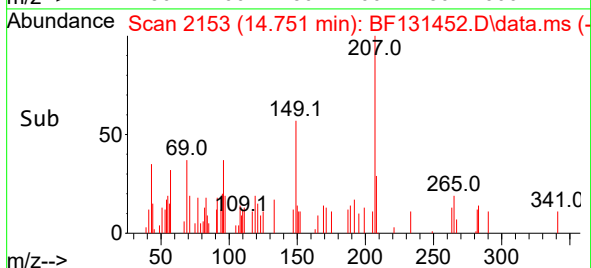
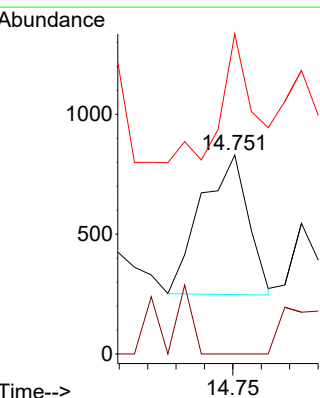
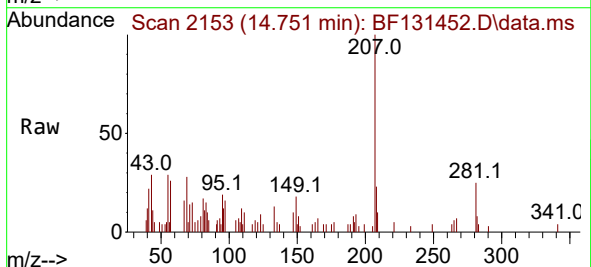
Instrument :
 BNA_F
 ClientSampleId :
 PB149316BL

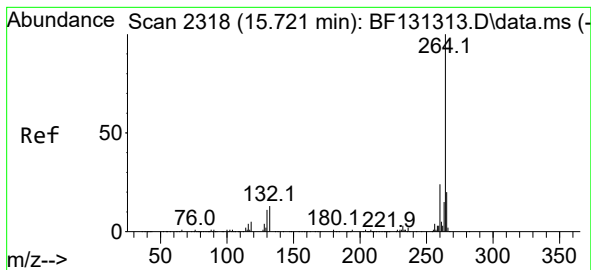
Tgt Ion:149 Resp: 1103
 Ion Ratio Lower Upper
 149 100
 167 20.5 21.9 32.9#
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.936 ng
 RT: 14.751 min Scan# 2153
 Delta R.T. -0.012 min
 Lab File: BF131452.D
 Acq: 29 Nov 2022 10:43

Tgt Ion:149 Resp: 668
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 59.9 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131452.D
Acq: 29 Nov 2022 10:43

Instrument :
BNA_F
ClientSampleId :
PB149316BL

Tgt Ion:264 Resp: 308692
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.8 16.4 24.6

