

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131387.D
 Acq On : 25 Nov 2022 10:06
 Operator : CG\JU
 Sample : PB149242BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 23:14:13 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)

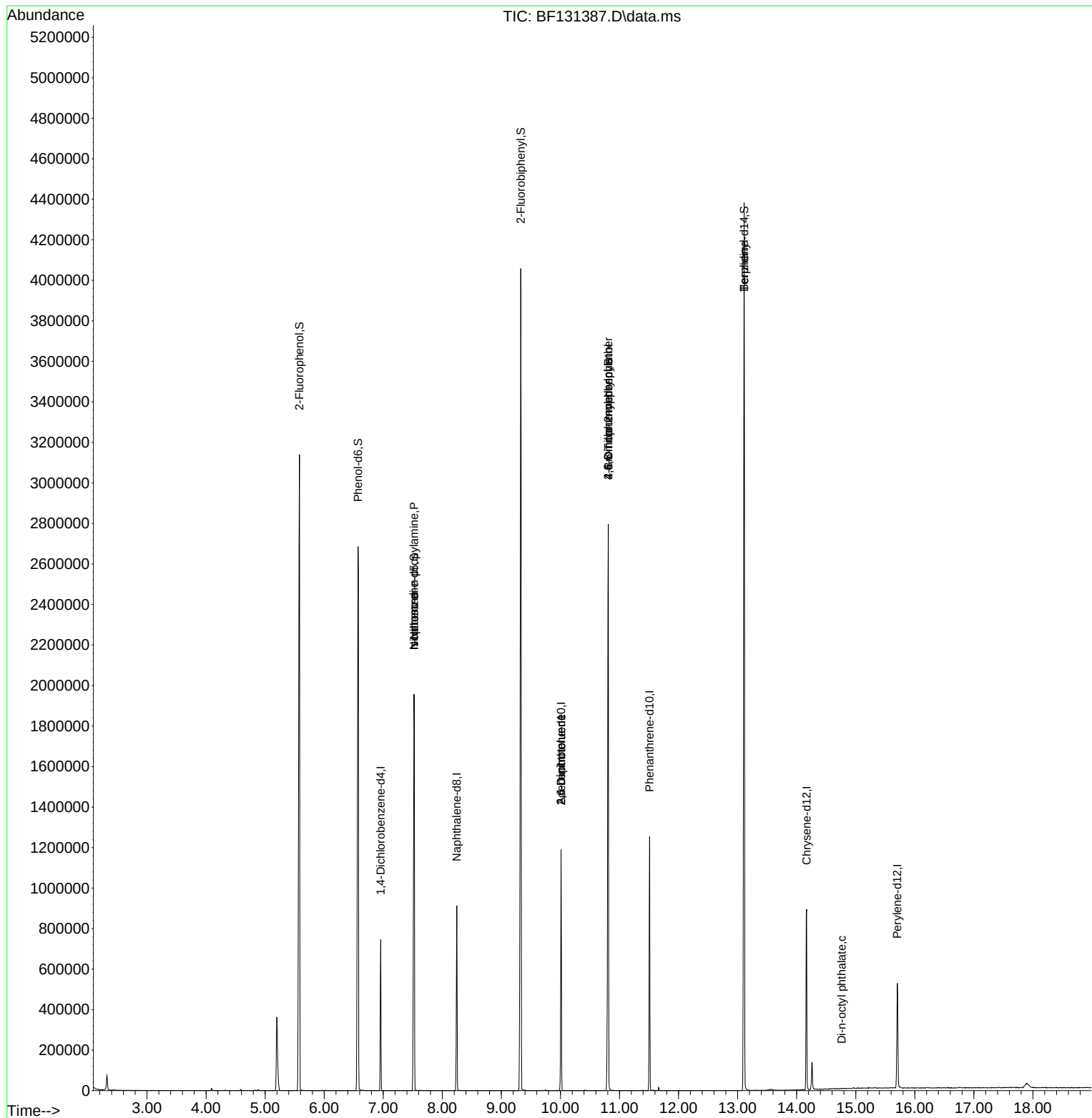
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	101591	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	383566	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	230290	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	432491	20.000	ng	0.00
76) Chrysene-d12	14.168	240	331887	20.000	ng	0.00
86) Perylene-d12	15.704	264	251884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	888139	166.385	ng	0.02
7) Phenol-d6	6.575	99	1127582	165.565	ng	0.00
23) Nitrobenzene-d5	7.522	82	752619	98.910	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	358021	184.790	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1418736	89.626	ng	0.00
79) Terphenyl-d14	13.110	244	1795515	88.468	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.581	77	1933	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.522	70	105853	21.231	ng	# 74
25) Isophorone	7.522	82	750424	55.278	ng	# 68
51) 2,6-Dinitrotoluene	10.010	165	28594	8.911	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	28594	7.082	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.810	198	865	5.096	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	23494	4.432	ng	# 1
77) Benzidine	13.110	184	24639	4.019	ng	# 90
85) Di-n-octyl phthalate	14.762	149	164	3.911	ng	# 70

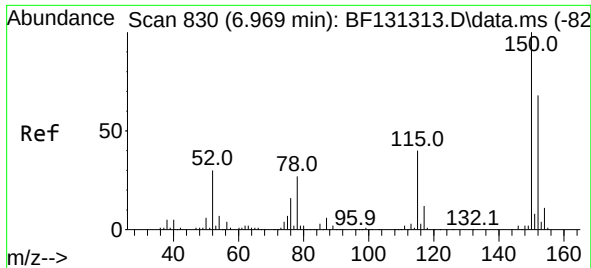
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
Data File : BF131387.D
Acq On : 25 Nov 2022 10:06
Operator : CG\JU
Sample : PB149242BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

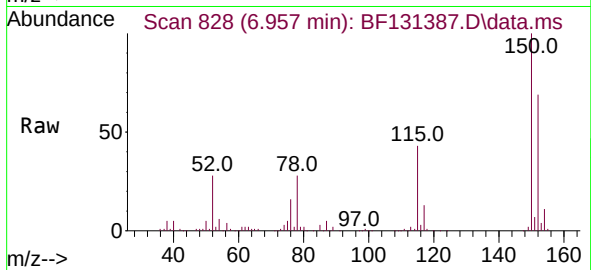
Quant Time: Nov 25 23:14:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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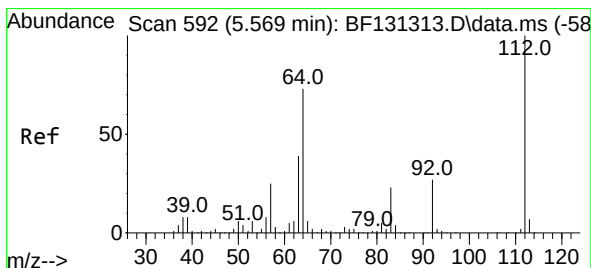
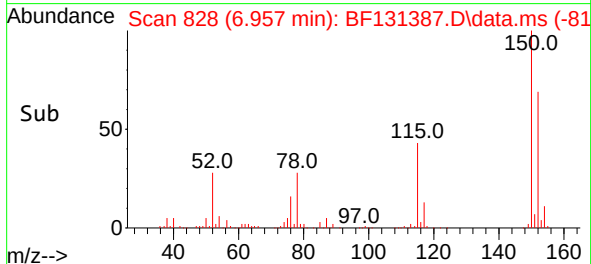
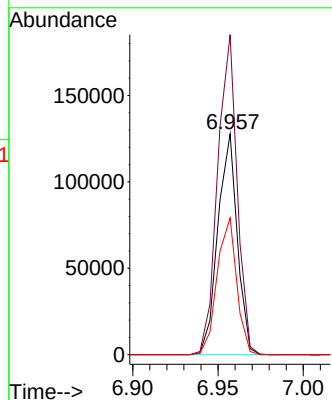


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131387.D
 Acq: 25 Nov 2022 10:06

Instrument :
 BNA_F
 ClientSampleId :

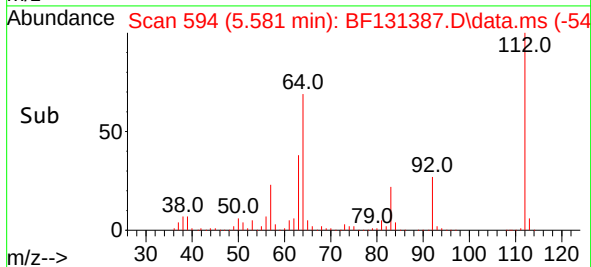
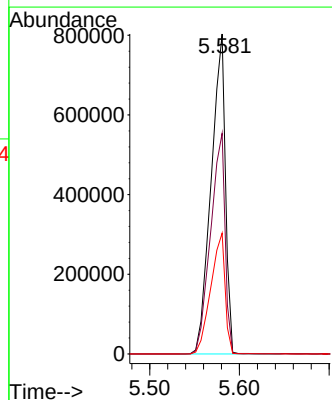
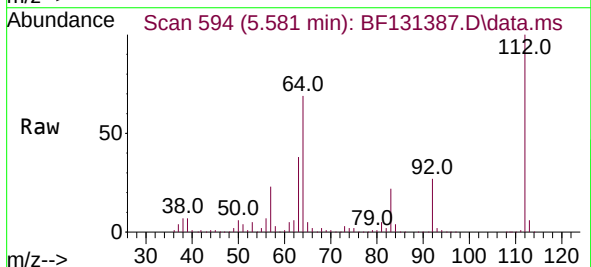


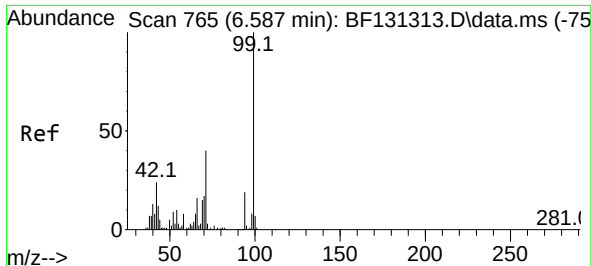
Tgt Ion:152 Resp: 101591
 Ion Ratio Lower Upper
 152 100
 150 144.9 117.8 176.8
 115 62.0 47.1 70.7



#5
 2-Fluorophenol
 Concen: 166.385 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.018 min
 Lab File: BF131387.D
 Acq: 25 Nov 2022 10:06

Tgt Ion:112 Resp: 888139
 Ion Ratio Lower Upper
 112 100
 64 68.9 58.6 88.0
 63 37.8 31.4 47.0

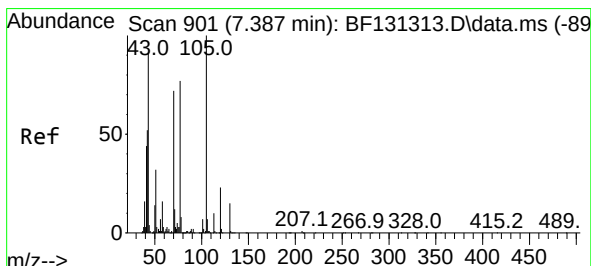
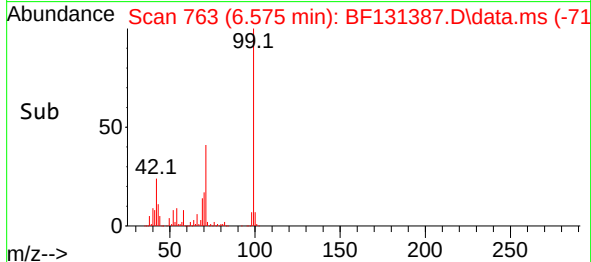
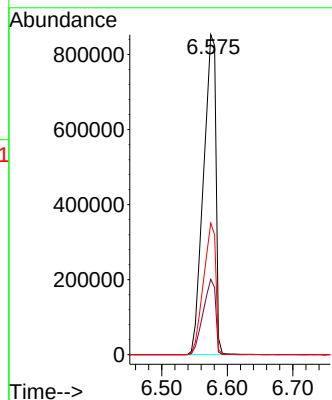
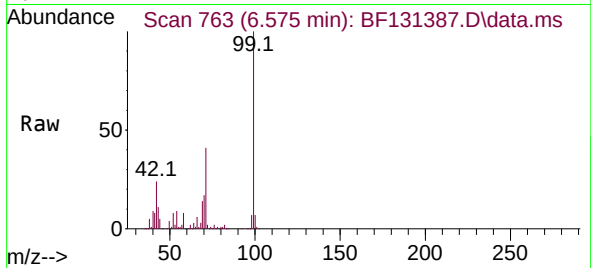




#7
Phenol-d6
Concen: 165.565 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

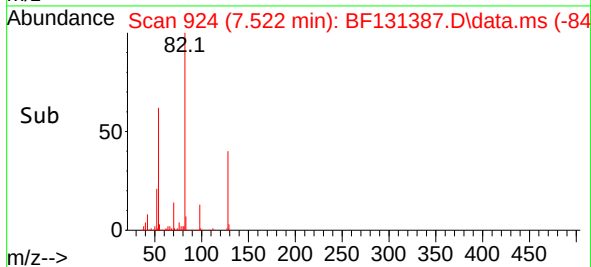
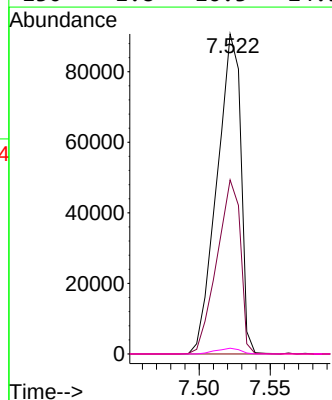
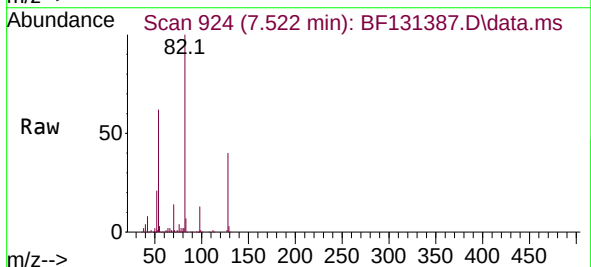
Instrument :
BNA_F
ClientSampleId :

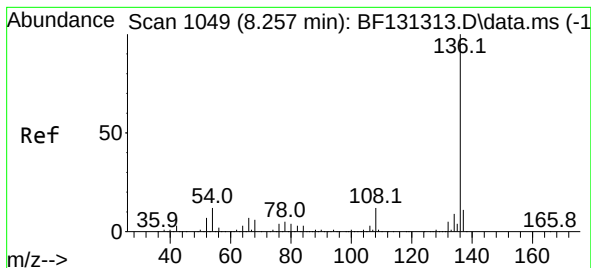
Tgt Ion: 99 Resp: 1127582
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 41.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.231 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

Tgt Ion: 70 Resp: 105853
Ion Ratio Lower Upper
70 100
42 54.4 57.6 86.4#
101 0.0 8.2 12.2#
130 1.8 16.3 24.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1049

Delta R.T. -0.006 min

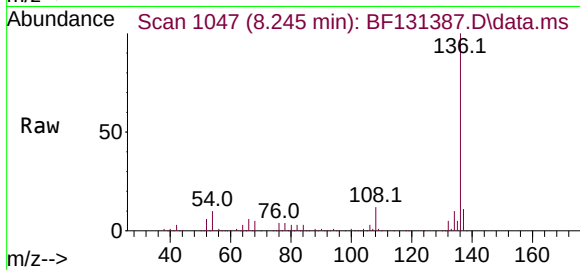
Lab File: BF131387.D

Acq: 25 Nov 2022 10:06

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 383566

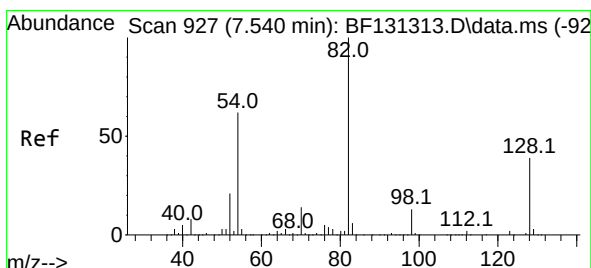
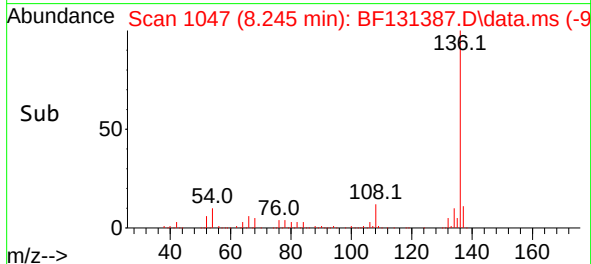
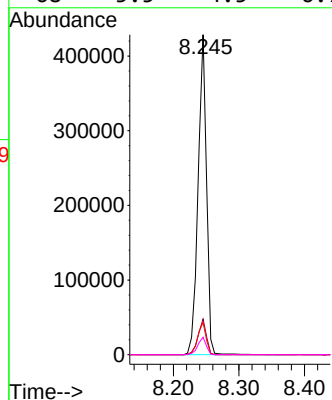
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 10.0 9.4 14.0

68 5.5 4.5 6.7



#23

Nitrobenzene-d5

Concen: 98.910 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.012 min

Lab File: BF131387.D

Acq: 25 Nov 2022 10:06

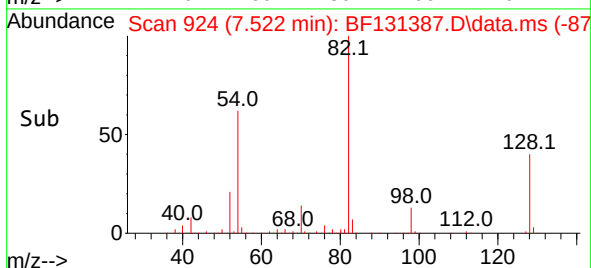
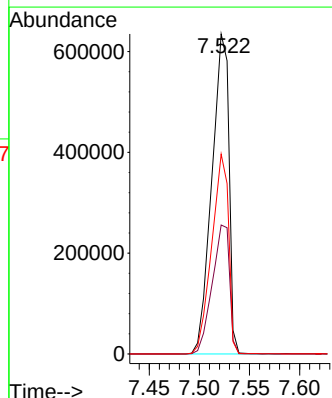
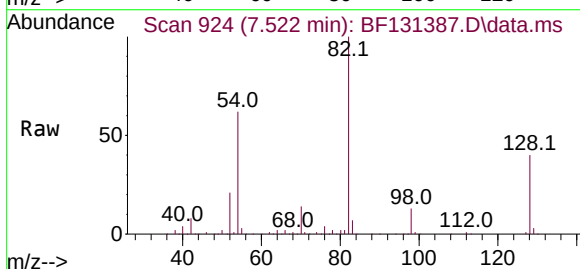
Tgt Ion: 82 Resp: 752619

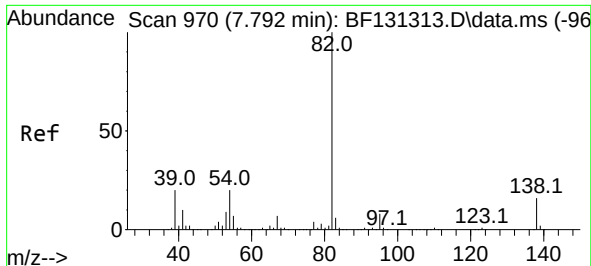
Ion Ratio Lower Upper

82 100

128 40.3 31.4 47.0

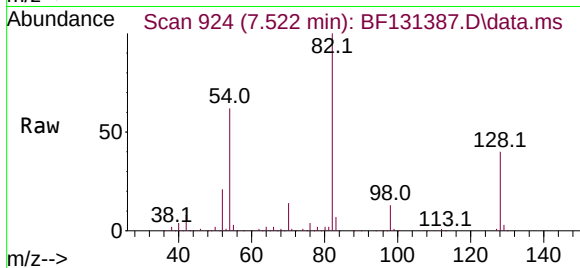
54 62.4 49.8 74.6



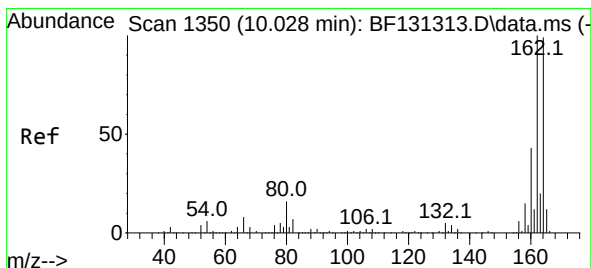
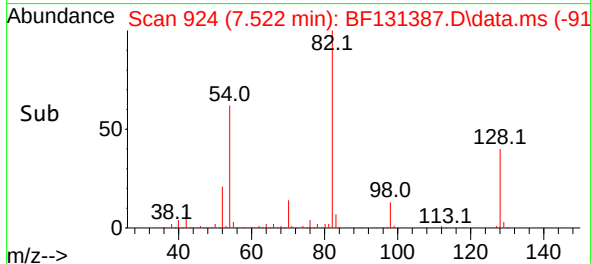
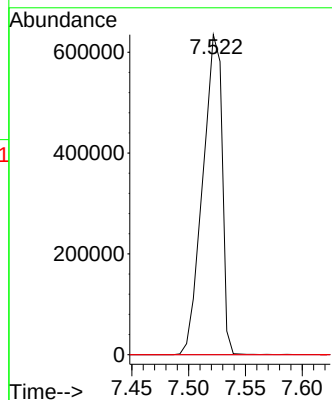


#25
Isophorone
Concen: 55.278 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

Instrument :
BNA_F
ClientSampleId :

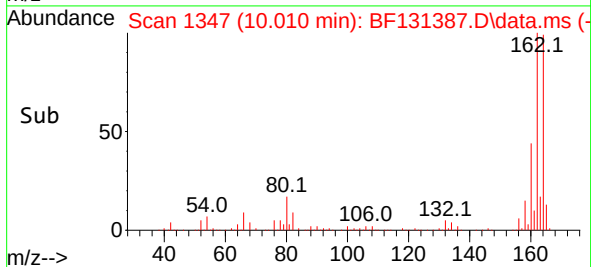
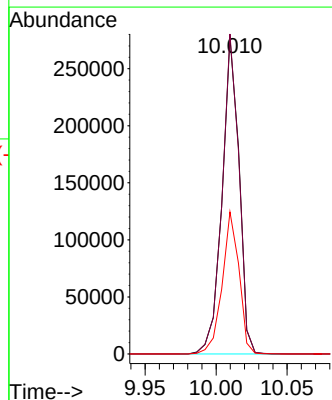
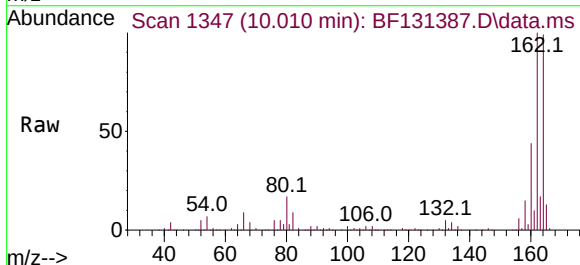


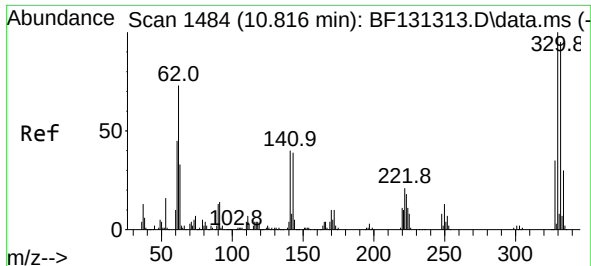
Tgt Ion: 82 Resp: 750424
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

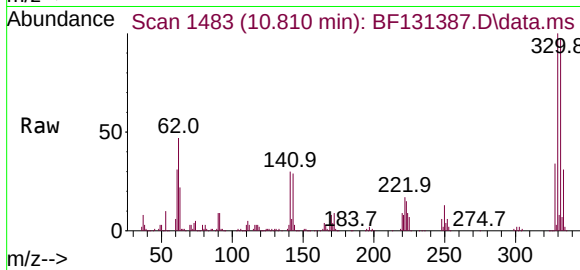
Tgt Ion: 164 Resp: 230290
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.9 34.4 51.6



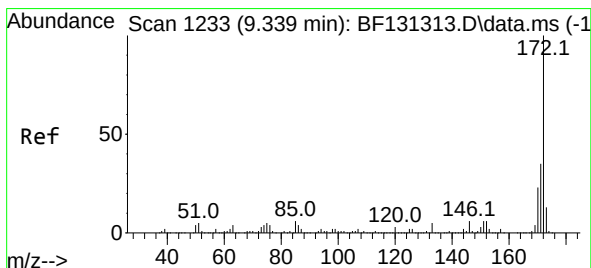
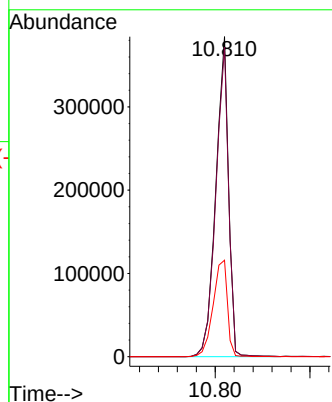
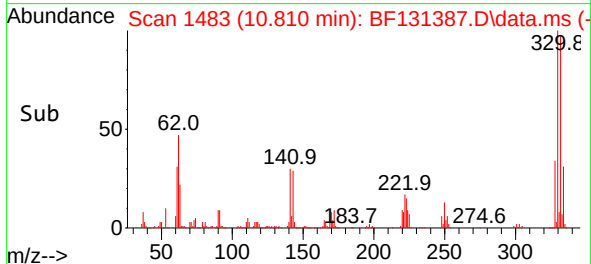


#42
2,4,6-Tribromophenol
Concen: 184.790 ng
RT: 10.810 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

Instrument :
BNA_F
ClientSampleId :

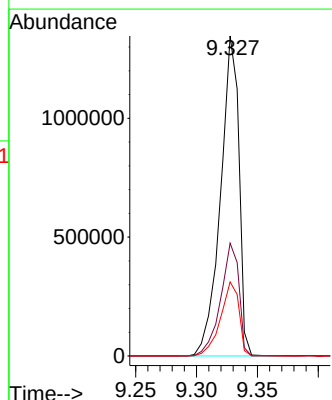
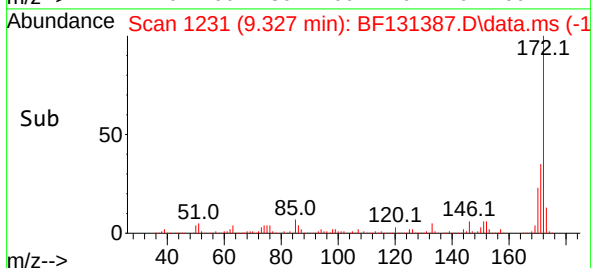
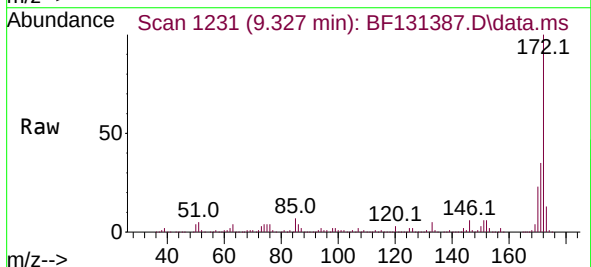


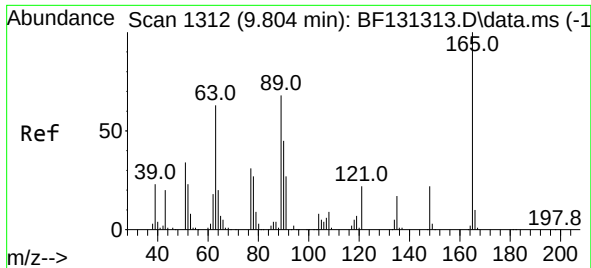
Tgt Ion:330 Resp: 358021
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 33.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 89.626 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

Tgt Ion:172 Resp: 1418736
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.2 18.7 28.1

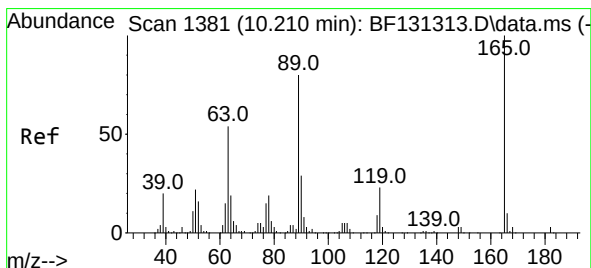
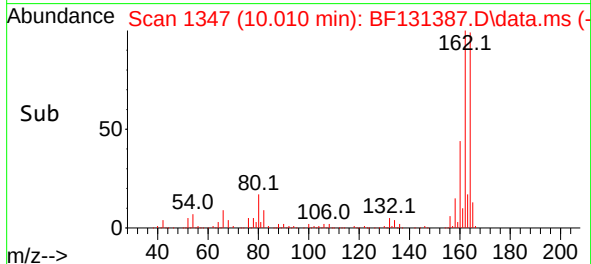
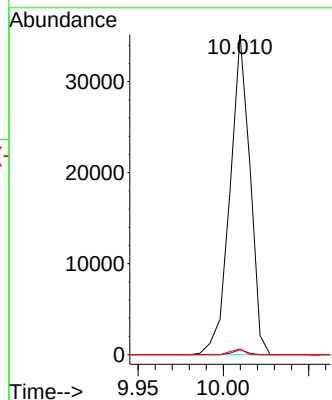
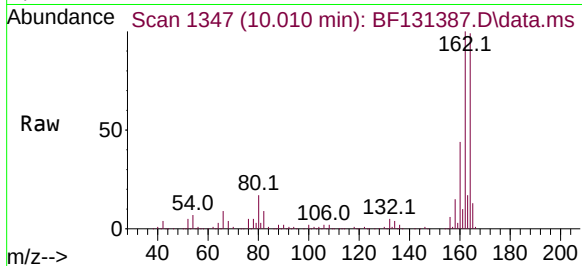




#51
2,6-Dinitrotoluene
Concen: 8.911 ng
RT: 10.010 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

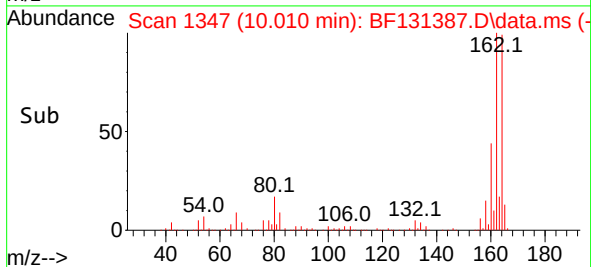
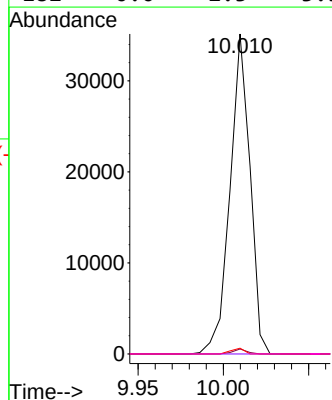
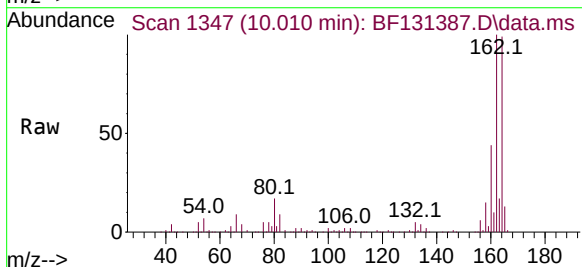
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BNA_F
ClientSampleId :

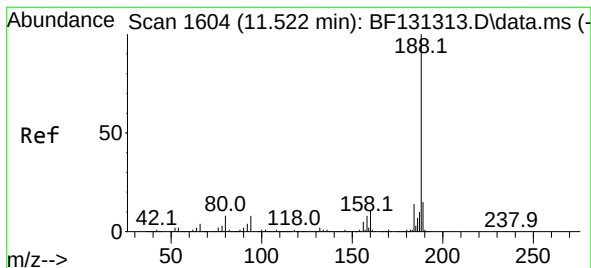
Tgt Ion:165 Resp: 28594
Ion Ratio Lower Upper
165 100
63 1.6 62.0 93.0#
89 1.8 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.082 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.194 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

Tgt Ion:165 Resp: 28594
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.2#
89 1.8 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131387.D

Acq: 25 Nov 2022 10:06

Instrument :

BNA_F

ClientSampleId :

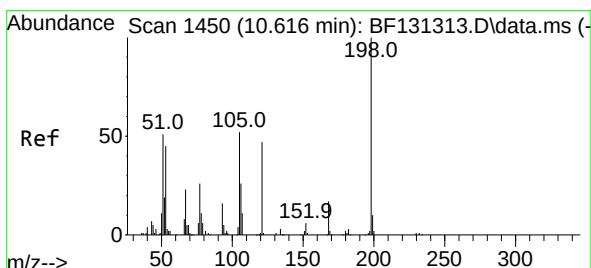
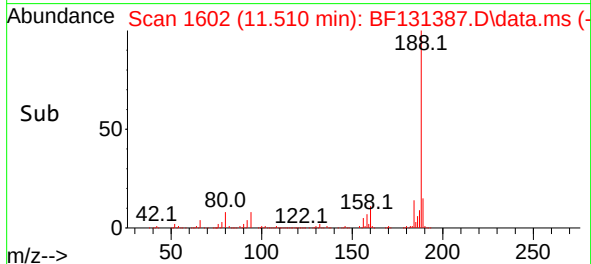
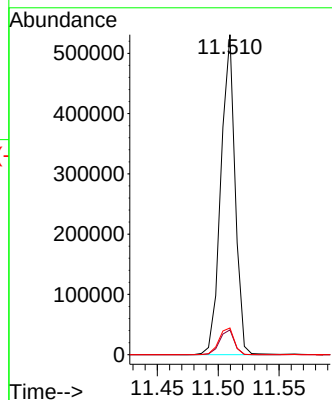
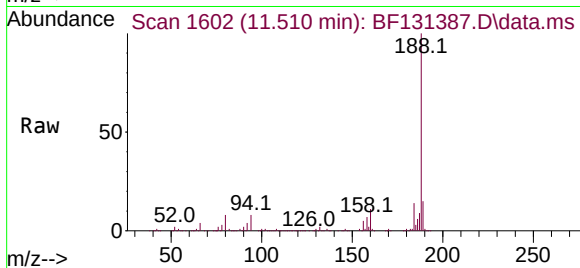
Tgt Ion:188 Resp: 432491

Ion Ratio Lower Upper

188 100

94 7.8 6.3 9.5

80 8.4 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.096 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.200 min

Lab File: BF131387.D

Acq: 25 Nov 2022 10:06

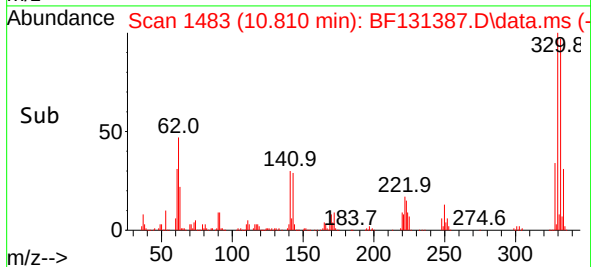
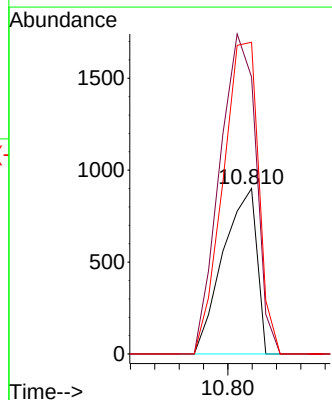
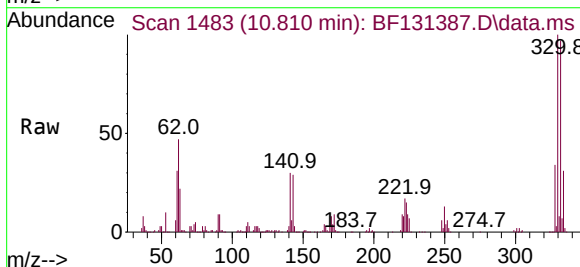
Tgt Ion:198 Resp: 865

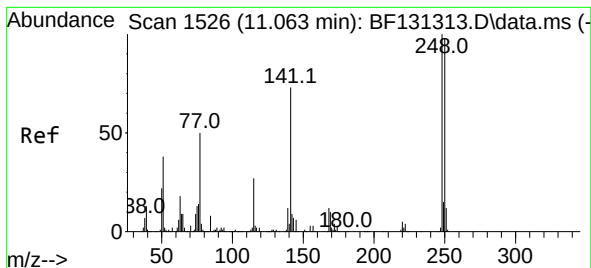
Ion Ratio Lower Upper

198 100

51 167.4 50.1 90.1#

105 188.4 32.5 72.5#

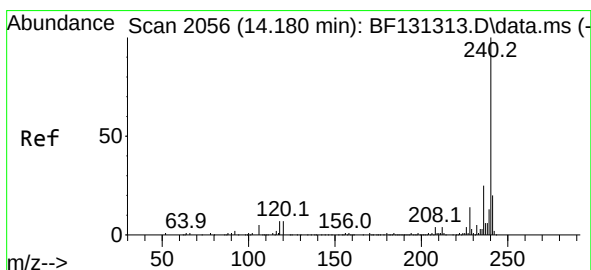
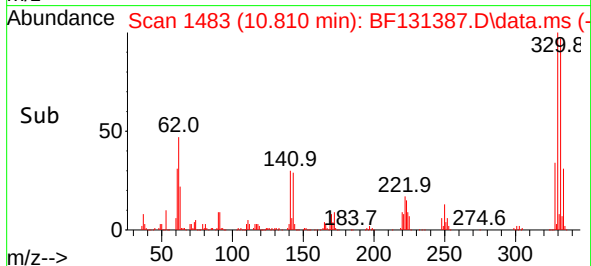
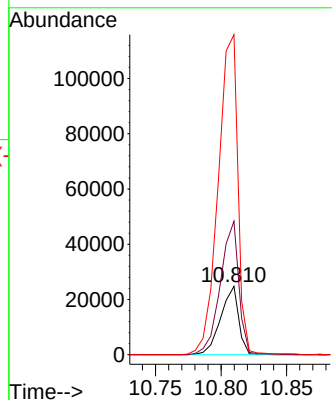
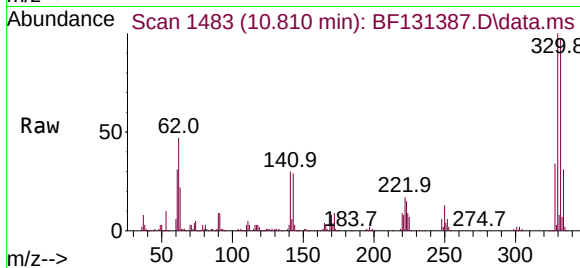




#67
4-Bromophenyl-phenylether
Concen: 4.432 ng
RT: 10.810 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

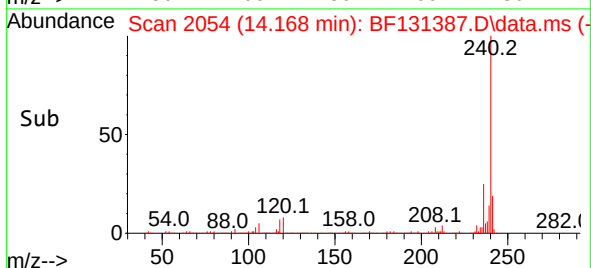
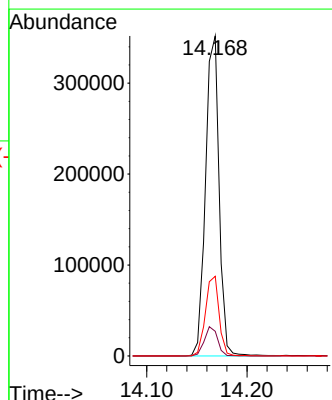
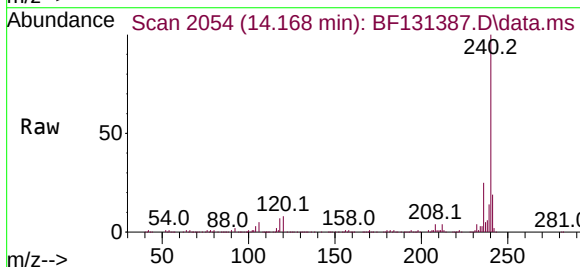
Instrument :
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ClientSampleId :

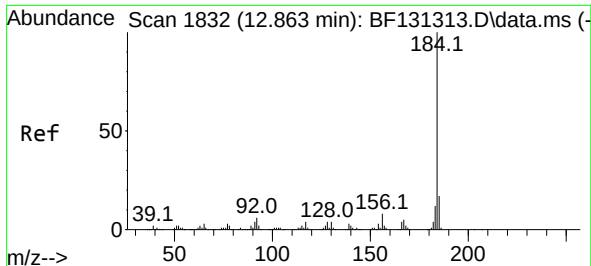
Tgt Ion:248 Resp: 23494
Ion Ratio Lower Upper
248 100
250 195.4 78.3 117.5#
141 468.5 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

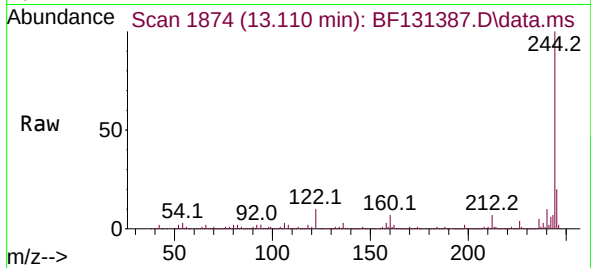
Tgt Ion:240 Resp: 331887
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 24.9 20.3 30.5



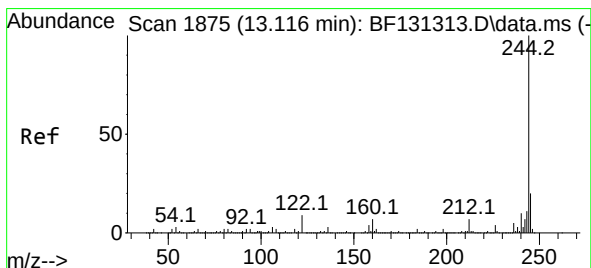
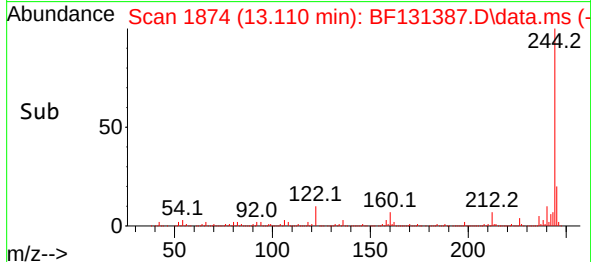
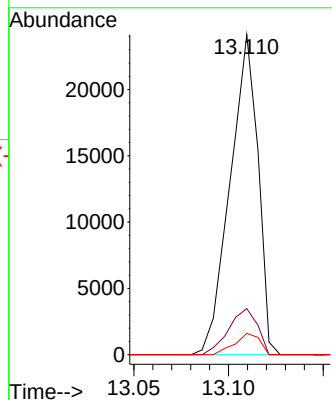


#77
Benzidine
Concen: 4.019 ng
RT: 13.110 min Scan# 1874
Delta R.T. 0.253 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

Instrument :
BNA_F
ClientSampleId :

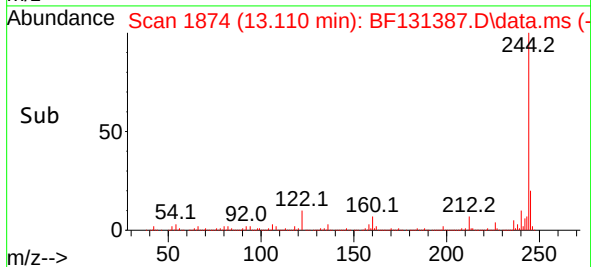
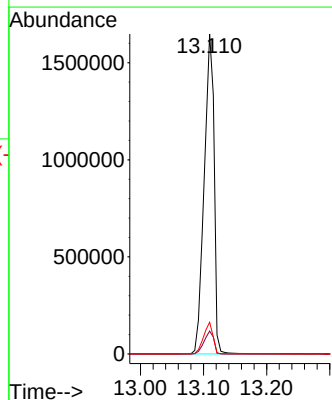
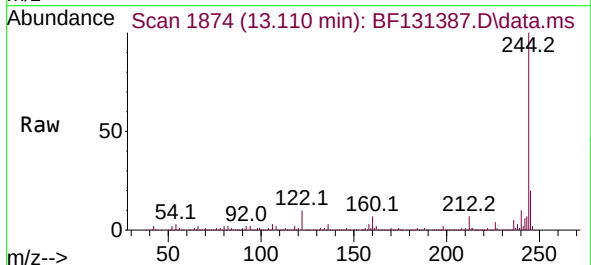


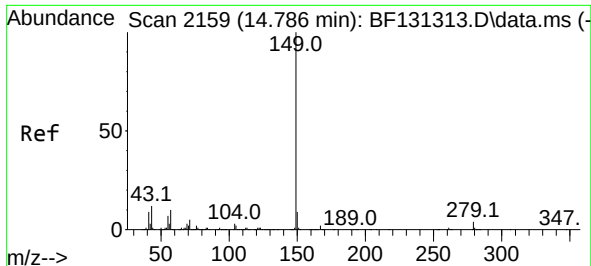
Tgt Ion:184 Resp: 24639
Ion Ratio Lower Upper
184 100
185 14.4 13.8 20.8
183 6.6 9.6 14.4#



#79
Terphenyl-d14
Concen: 88.468 ng
RT: 13.110 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

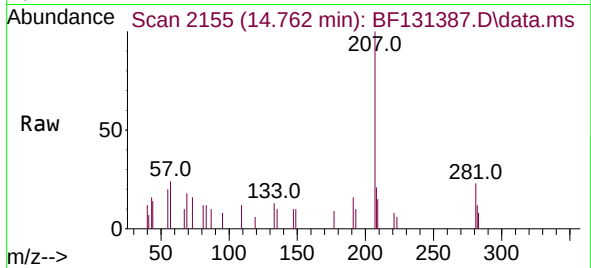
Tgt Ion:244 Resp: 1795515
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.9 7.5 11.3



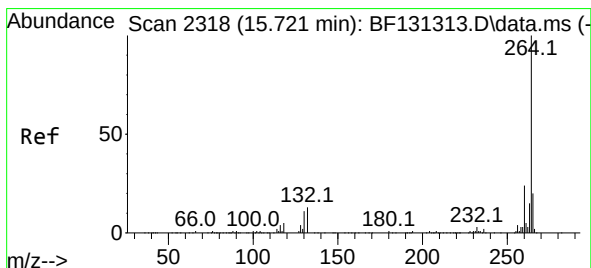
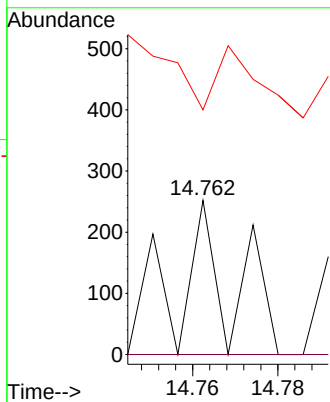
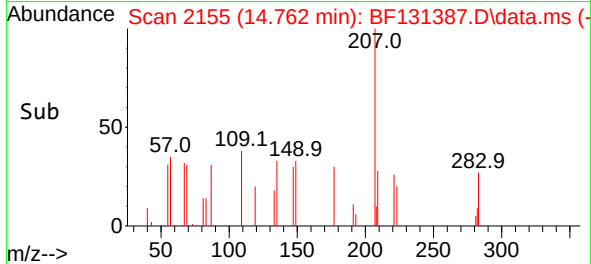


#85
Di-n-octyl phthalate
Concen: 3.911 ng
RT: 14.762 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06

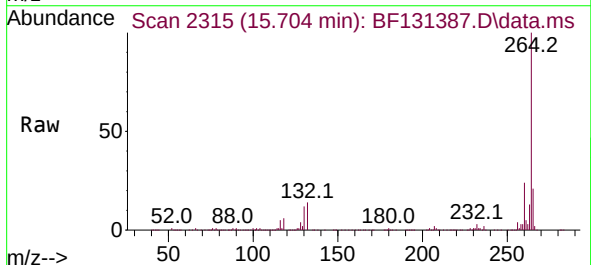
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:149 Resp: 164
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.704 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BF131387.D
Acq: 25 Nov 2022 10:06



Tgt Ion:264 Resp: 251884
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 21.4 16.4 24.6

