

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131417.D
 Acq On : 26 Nov 2022 02:40
 Operator : CG\JU
 Sample : N5762-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 03:20:12 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)

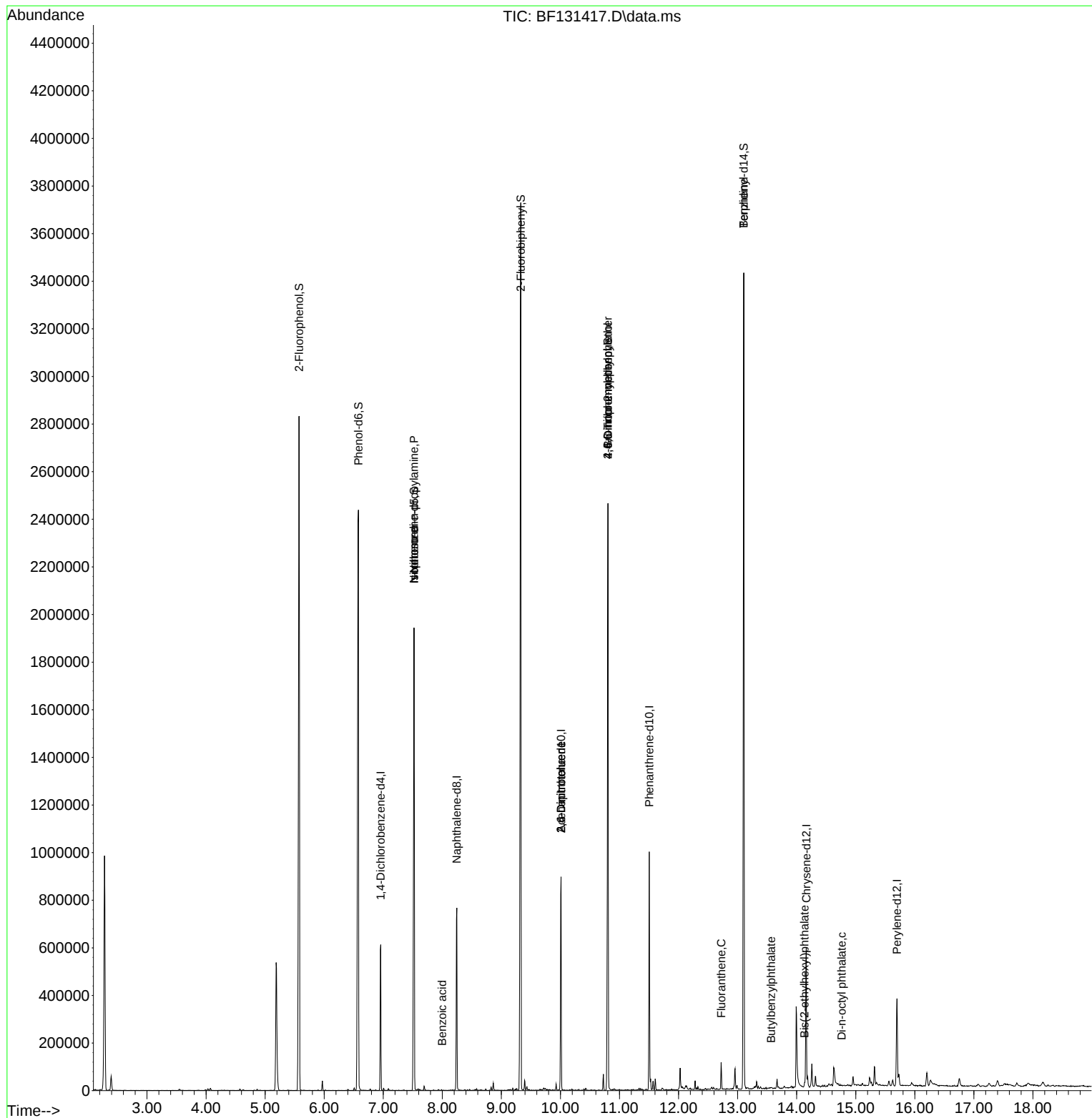
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	89341	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	332608	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	187545	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	326276	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	202678	20.000	ng	-0.01
86) Perylene-d12	15.698	264	183738	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	799208	170.254	ng	0.01
7) Phenol-d6	6.581	99	990667	165.407	ng	0.00
23) Nitrobenzene-d5	7.522	82	658401	99.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	292517	185.392	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1204488	93.434	ng	0.00
79) Terphenyl-d14	13.104	244	1262524	101.864	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	252	Below Cal		85
19) n-Nitroso-di-n-propyla...	7.522	70	93153	21.246	ng	# 73
25) Isophorone	7.522	82	656747	55.790	ng	# 68
32) Benzoic acid	7.998	122	157	5.192	ng	# 26
51) 2,6-Dinitrotoluene	10.010	165	24046	9.202	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	24046	7.313	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.804	198	636	5.083	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	19470	4.869	ng	# 1
75) Fluoranthene	12.722	202	42269	2.275	ng	99
77) Benzidine	13.104	184	16507	4.409	ng	# 94
80) Butylbenzylphthalate	13.569	149	240	4.180	ng	# 65
84) Bis(2-ethylhexyl)phtha...	14.133	149	3817	4.190	ng	# 99
85) Di-n-octyl phthalate	14.763	149	466	3.948	ng	# 70

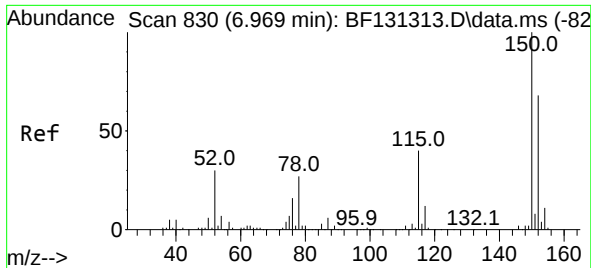
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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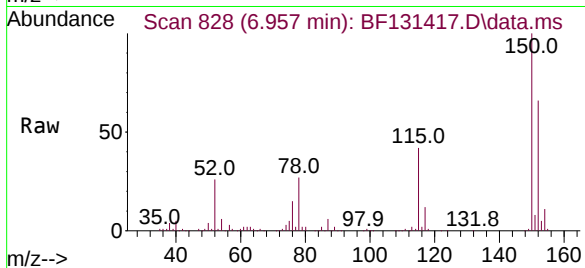
Quant Time: Nov 26 03:20:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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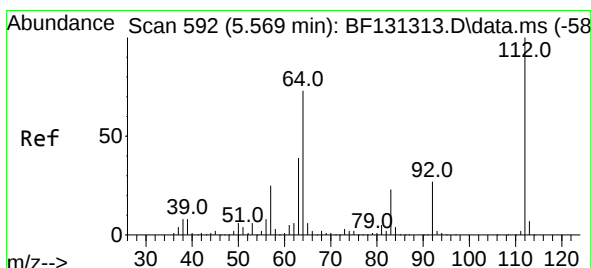
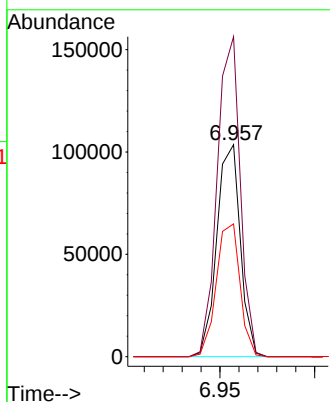
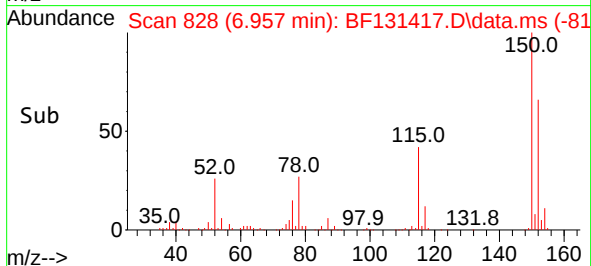


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

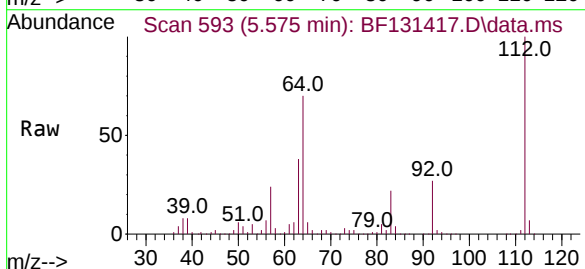
Instrument :
BNA_F
ClientSampleId :



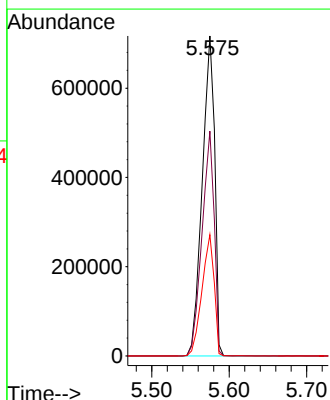
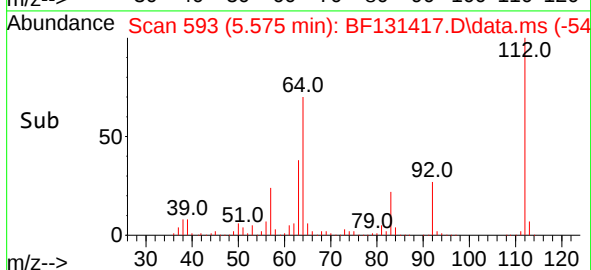
Tgt Ion:152 Resp: 89341
Ion Ratio Lower Upper
152 100
150 151.0 117.8 176.8
115 62.7 47.1 70.7

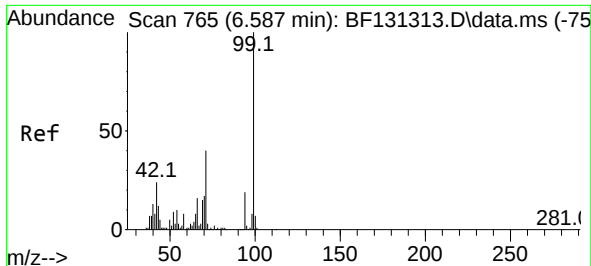


#5
2-Fluorophenol
Concen: 170.254 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40



Tgt Ion:112 Resp: 799208
Ion Ratio Lower Upper
112 100
64 70.2 58.6 88.0
63 37.9 31.4 47.0

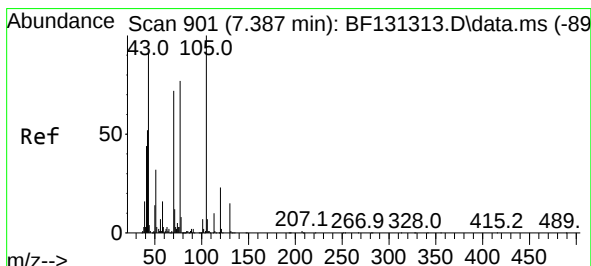
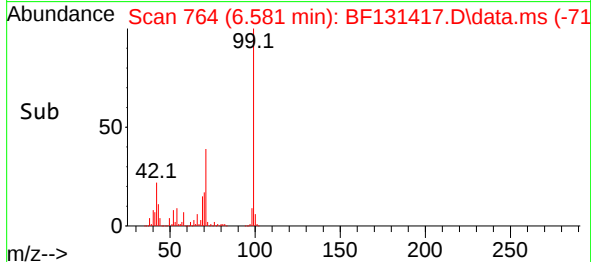
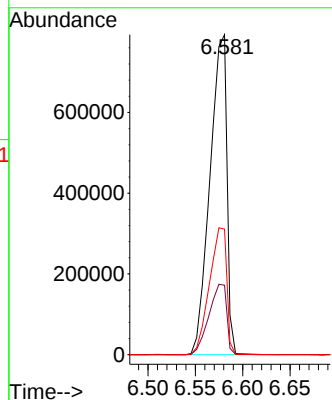
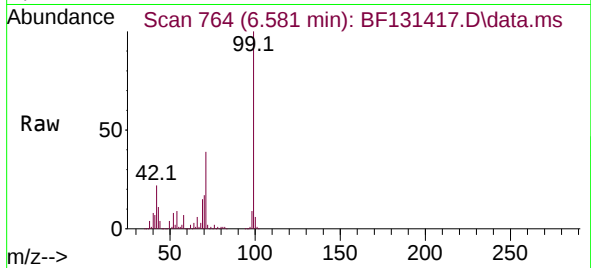




#7
Phenol-d6
Concen: 165.407 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

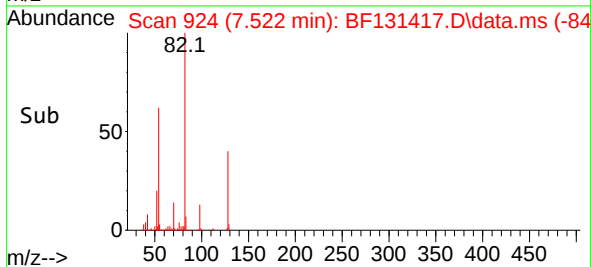
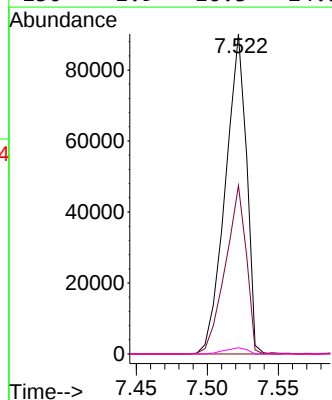
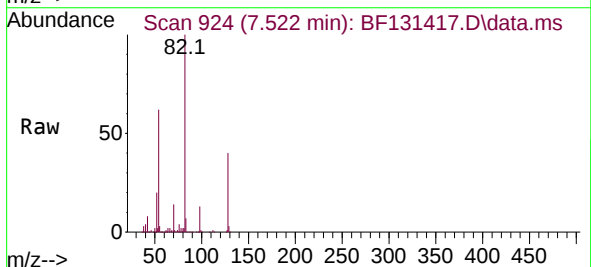
Instrument :
BNA_F
ClientSampleId :

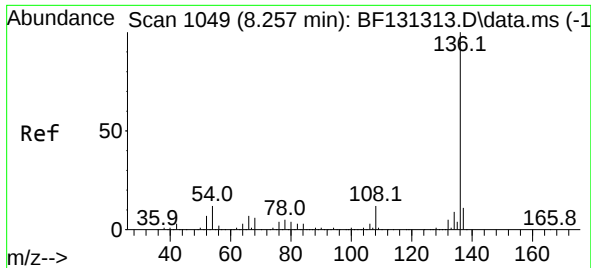
Tgt Ion: 99 Resp: 990667
Ion Ratio Lower Upper
99 100
42 21.7 19.4 29.2
71 39.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.246 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

Tgt Ion: 70 Resp: 93153
Ion Ratio Lower Upper
70 100
42 52.6 57.6 86.4#
101 0.0 8.2 12.2#
130 1.9 16.3 24.5#

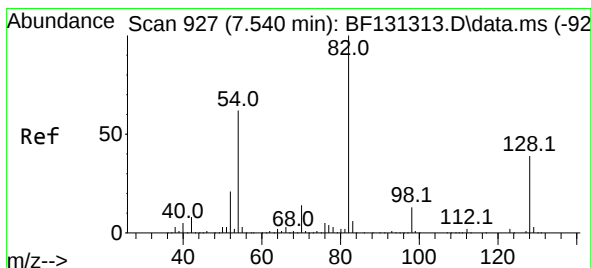
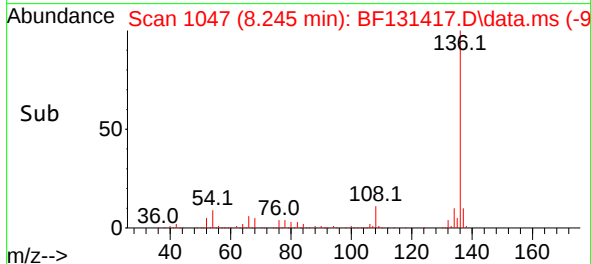
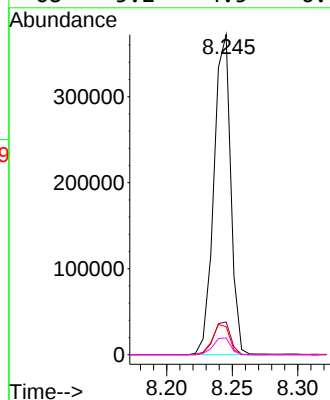
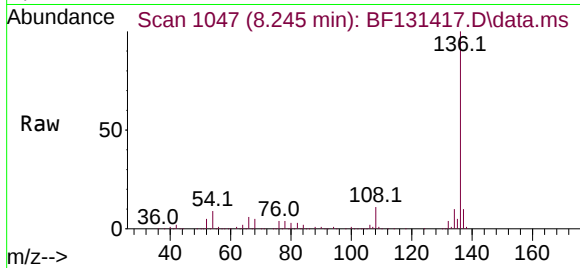




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

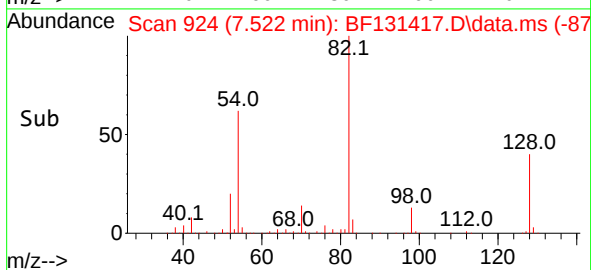
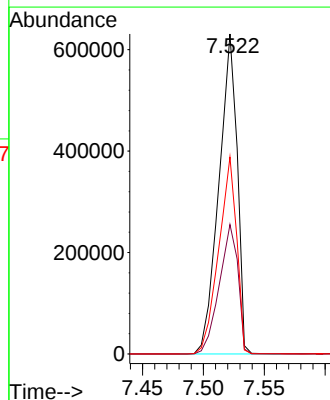
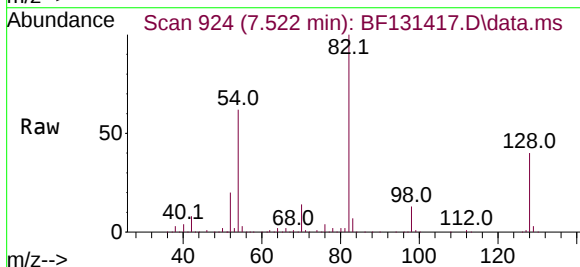
Instrument :
BNA_F
ClientSampleId :

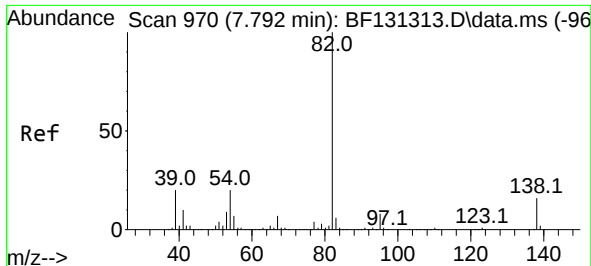
Tgt Ion:136 Resp: 332608
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 8.8 9.4 14.0#
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 99.784 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

Tgt Ion: 82 Resp: 658401
Ion Ratio Lower Upper
82 100
128 40.4 31.4 47.0
54 61.5 49.8 74.6

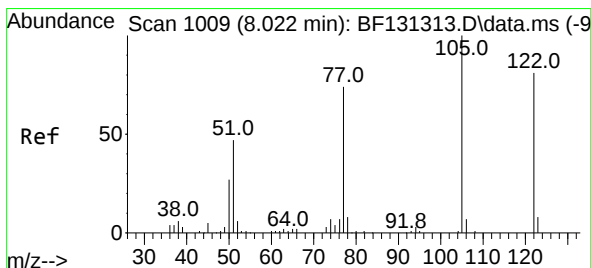
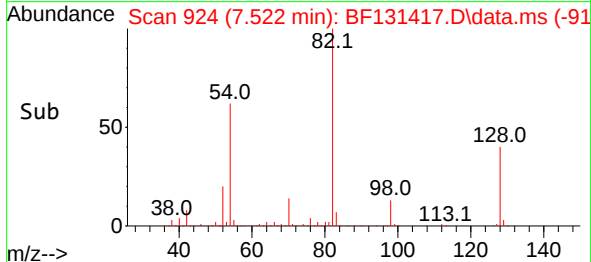
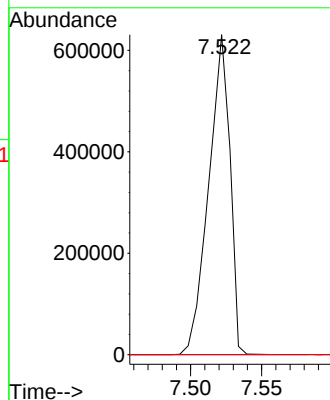
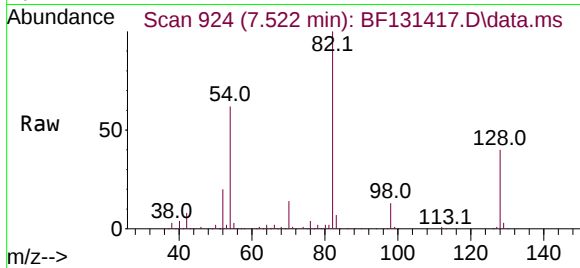




#25
Isophorone
Concen: 55.790 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

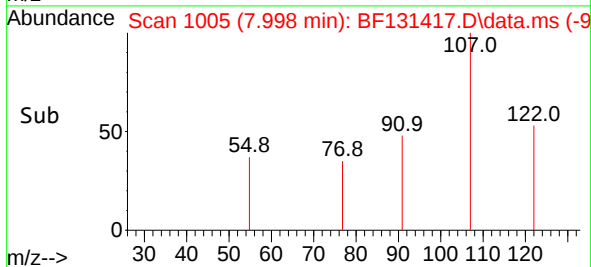
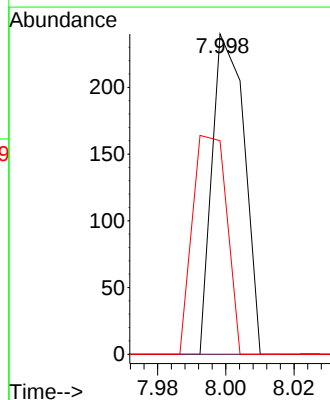
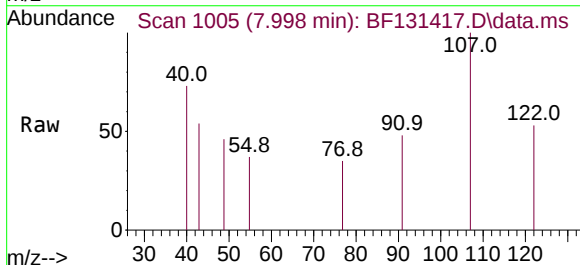
Instrument :
BNA_F
ClientSampleId :

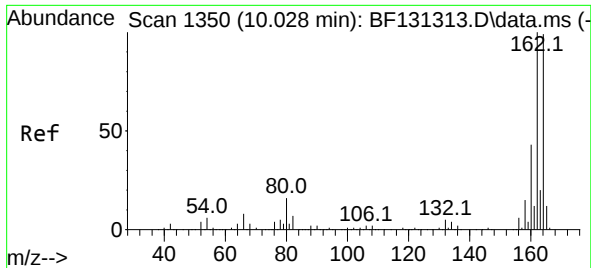
Tgt Ion: 82 Resp: 656747
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.192 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

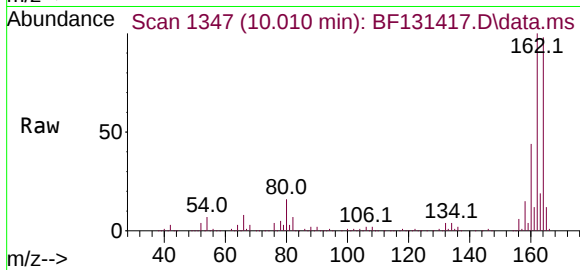
Tgt Ion: 122 Resp: 157
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 66.7 74.3 114.3#



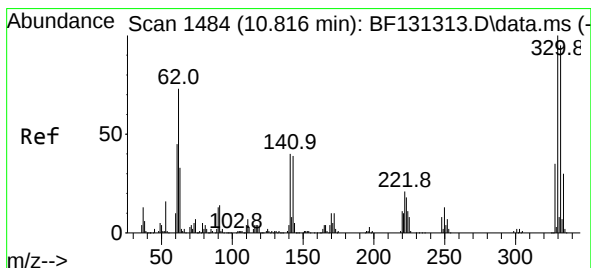
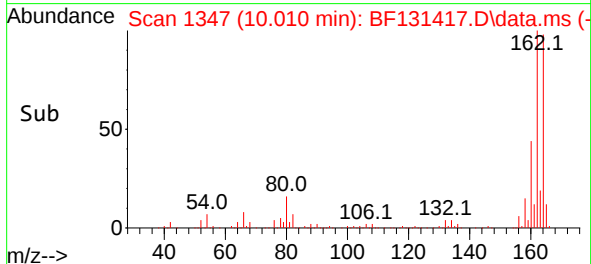
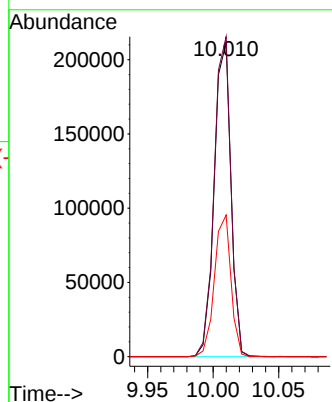


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

Instrument :
BNA_F
ClientSampleId :

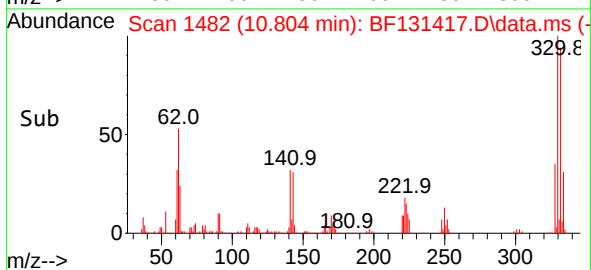
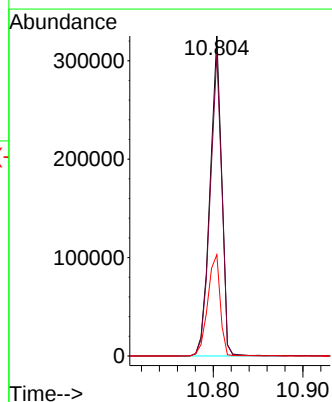
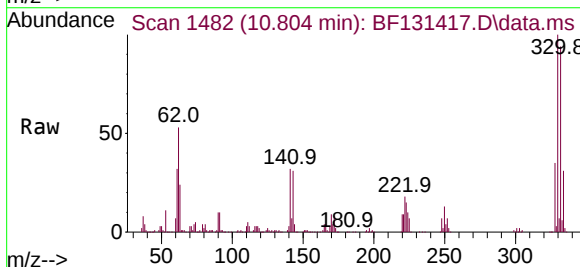


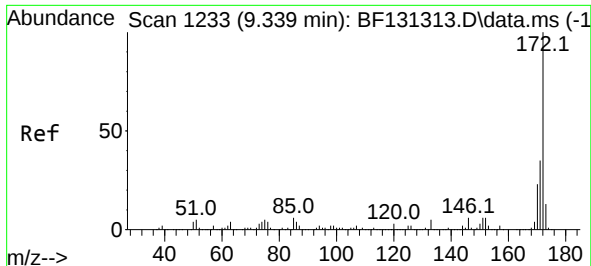
Tgt Ion:164 Resp: 187545
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 45.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 185.392 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

Tgt Ion:330 Resp: 292517
Ion Ratio Lower Upper
330 100
332 94.9 77.5 116.3
141 34.0 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 93.434 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131417.D

Acq: 26 Nov 2022 02:40

Instrument :

BNA_F

ClientSampleId :

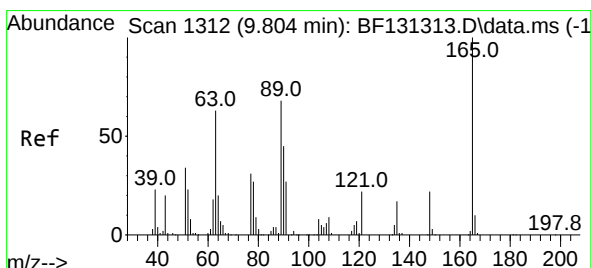
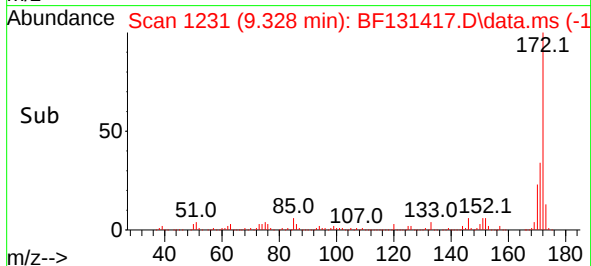
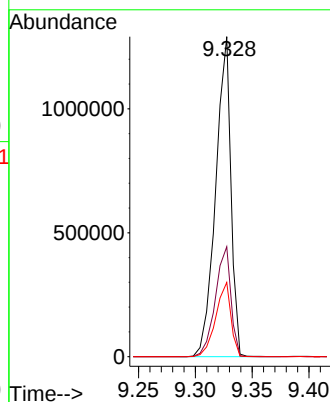
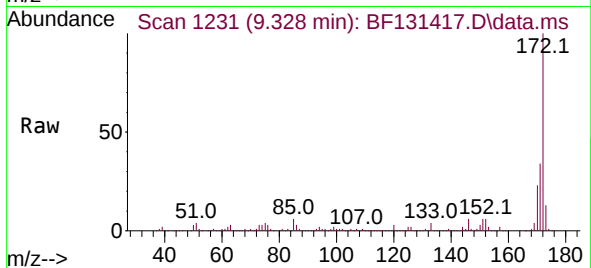
Tgt Ion:172 Resp: 1204488

Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

170 23.2 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.202 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.212 min

Lab File: BF131417.D

Acq: 26 Nov 2022 02:40

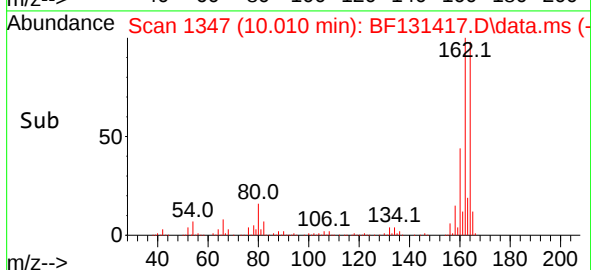
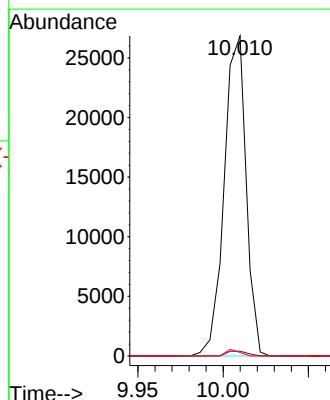
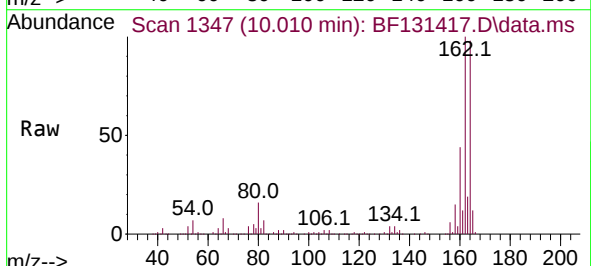
Tgt Ion:165 Resp: 24046

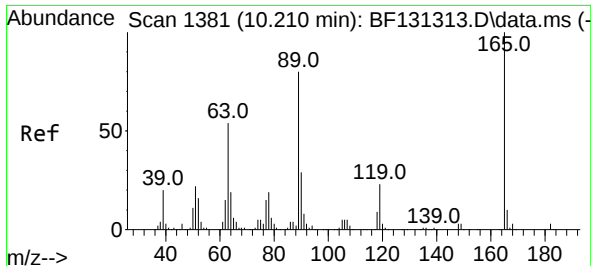
Ion Ratio Lower Upper

165 100

63 1.5 62.0 93.0#

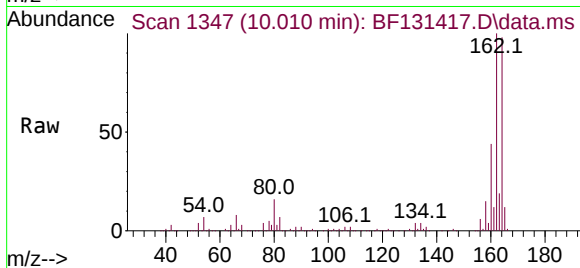
89 1.1 54.4 81.6#



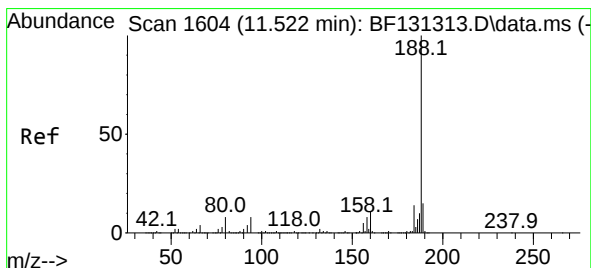
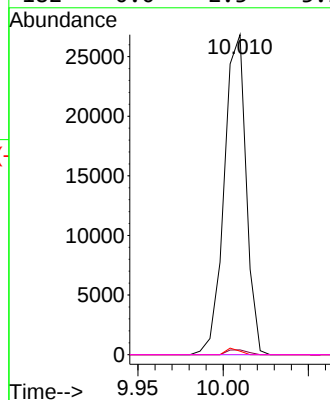
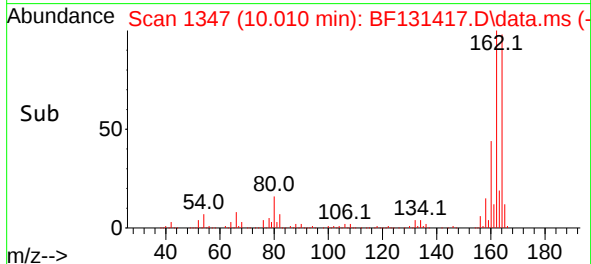


#57
2,4-Dinitrotoluene
Concen: 7.313 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

Instrument :
BNA_F
ClientSampleId :

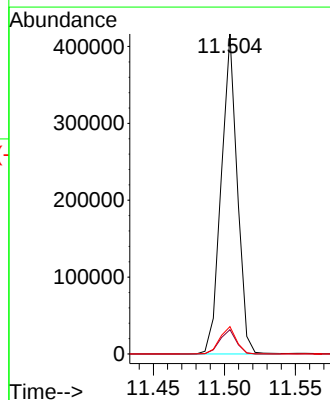
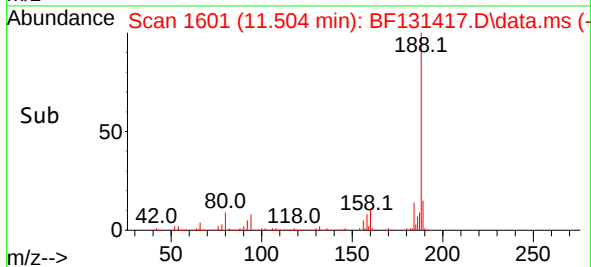
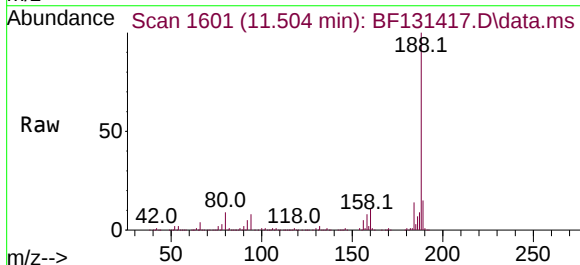


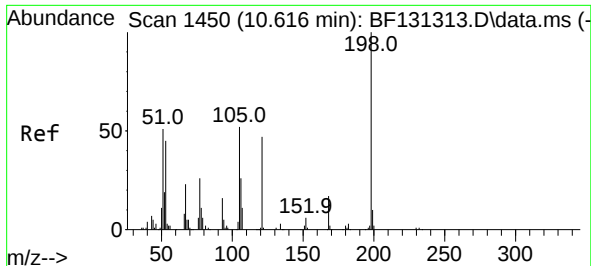
Tgt Ion:165 Resp: 24046
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.2#
89 1.1 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

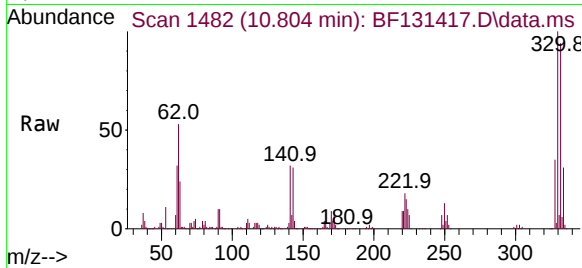
Tgt Ion:188 Resp: 326276
Ion Ratio Lower Upper
188 100
94 7.6 6.3 9.5
80 8.6 6.8 10.2



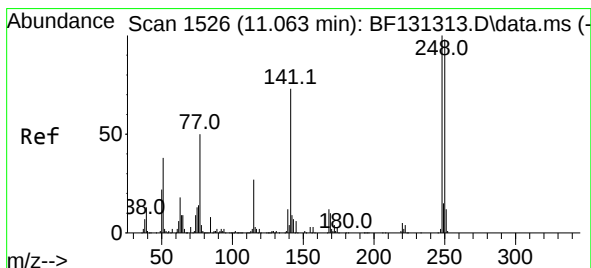
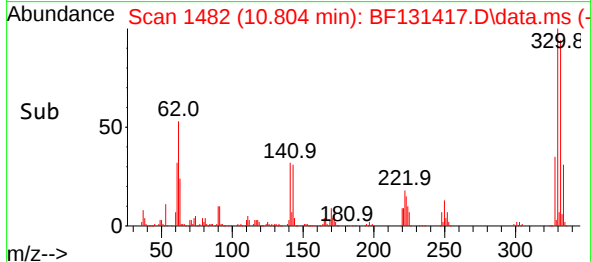
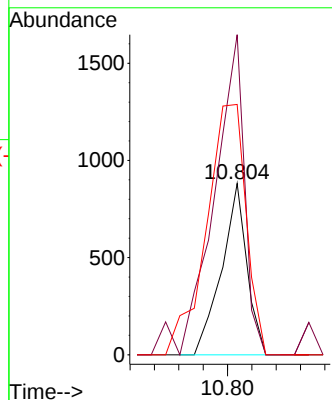


#65
4,6-Dinitro-2-methylphenol
Concen: 5.083 ng
RT: 10.804 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

Instrument :
BNA_F
ClientSampleId :

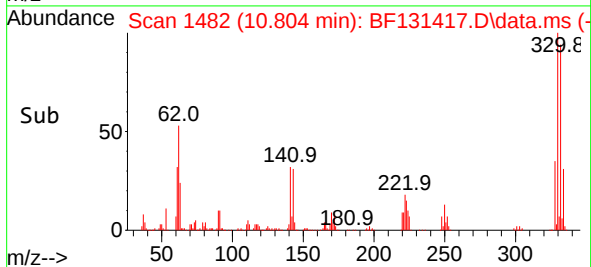
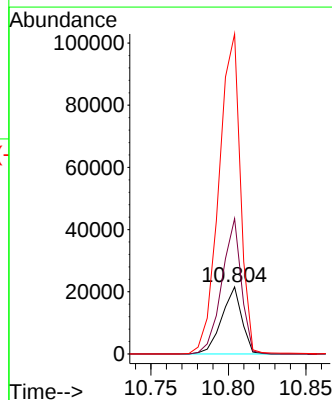
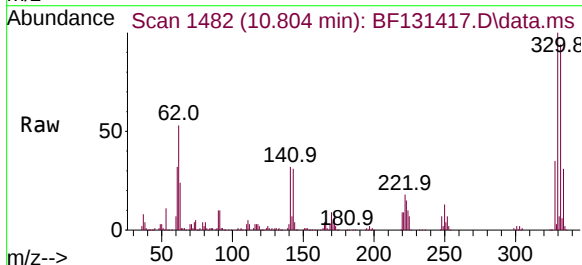


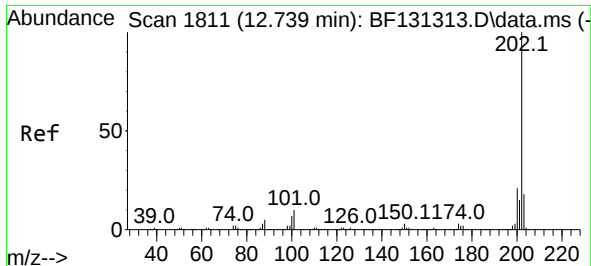
Tgt Ion:198 Resp: 636
Ion Ratio Lower Upper
198 100
51 186.9 50.1 90.1#
105 146.2 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.869 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

Tgt Ion:248 Resp: 19470
Ion Ratio Lower Upper
248 100
250 201.8 78.3 117.5#
141 477.2 58.0 87.0#

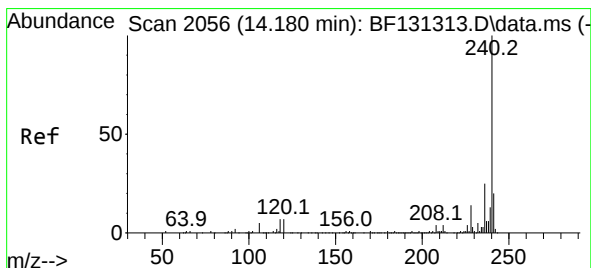
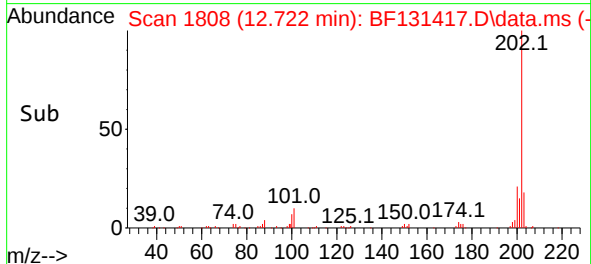
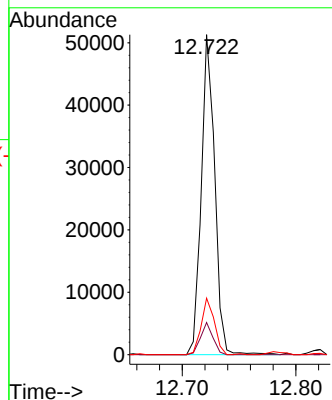
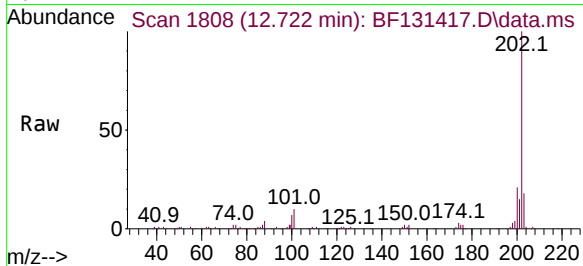




#75
Fluoranthene
Concen: 2.275 ng
RT: 12.722 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

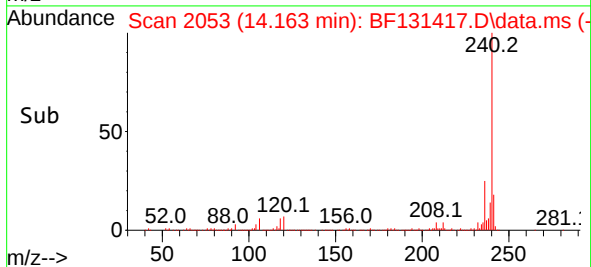
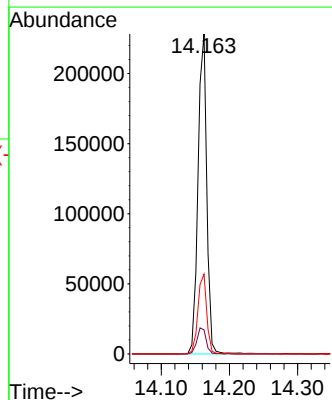
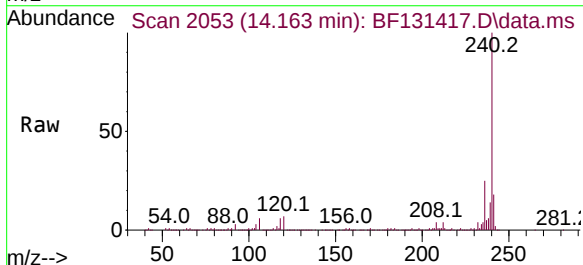
Instrument :
BNA_F
ClientSampleId :

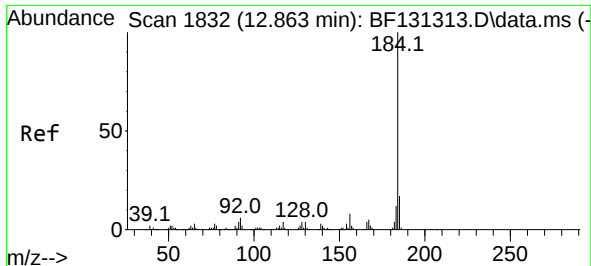
Tgt Ion:202 Resp: 42269
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

Tgt Ion:240 Resp: 202678
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.8
236 25.0 20.3 30.5

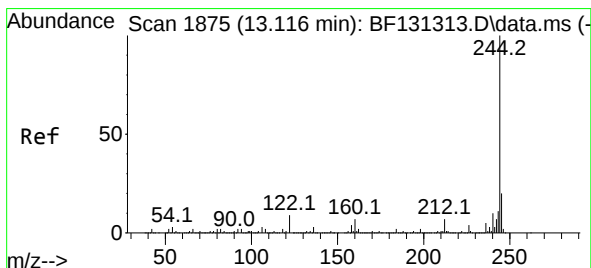
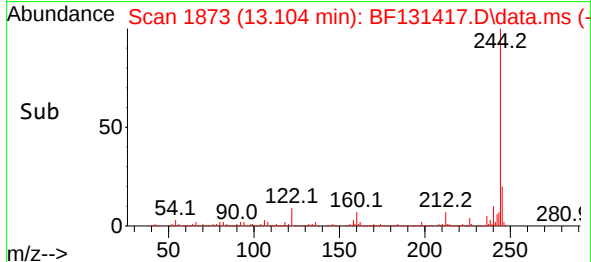
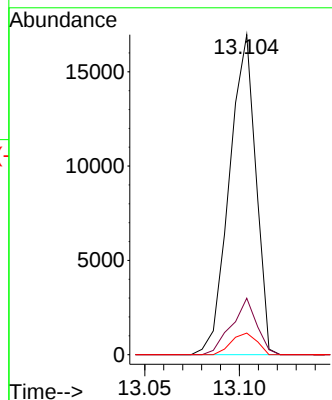
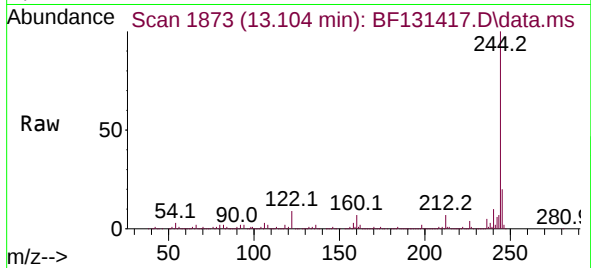




#77
Benzidine
Concen: 4.409 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

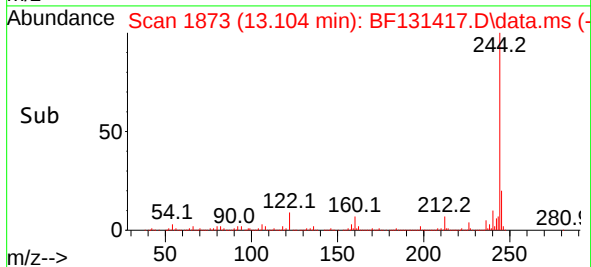
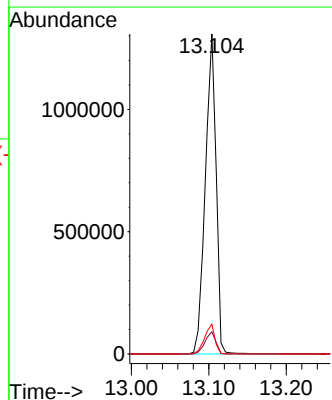
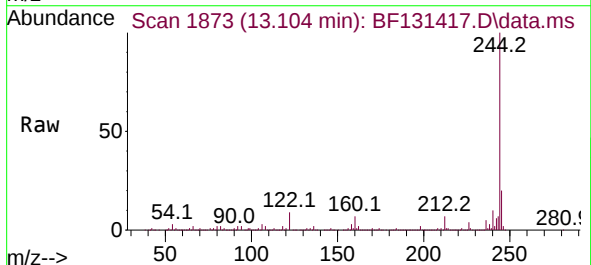
Instrument :
BNA_F
ClientSampleId :

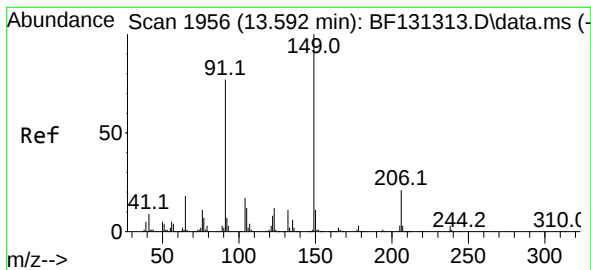
Tgt Ion:184 Resp: 16507
Ion Ratio Lower Upper
184 100
185 17.7 13.8 20.8
183 6.8 9.6 14.4#



#79
Terphenyl-d14
Concen: 101.864 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BF131417.D
Acq: 26 Nov 2022 02:40

Tgt Ion:244 Resp: 1262524
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.3 7.5 11.3

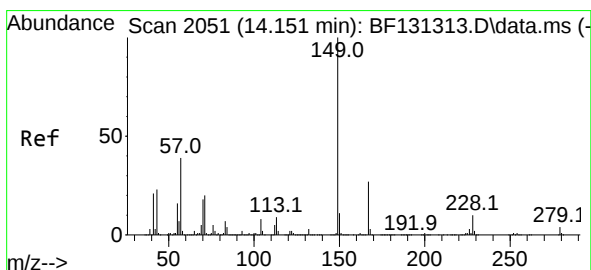
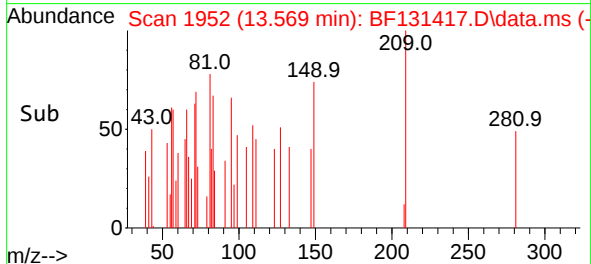
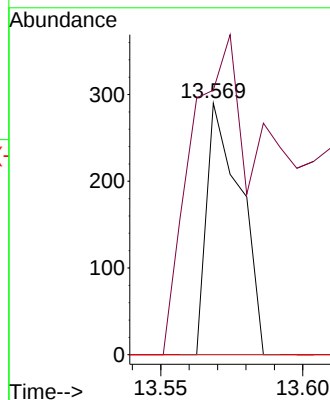
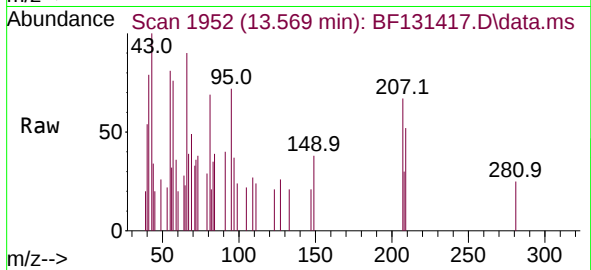




#80
 Butylbenzylphthalate
 Concen: 4.180 ng
 RT: 13.569 min Scan# 1956
 Delta R.T. -0.018 min
 Lab File: BF131417.D
 Acq: 26 Nov 2022 02:40

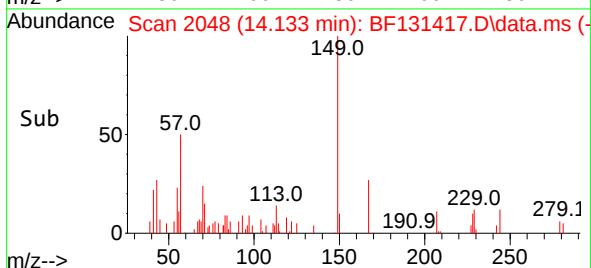
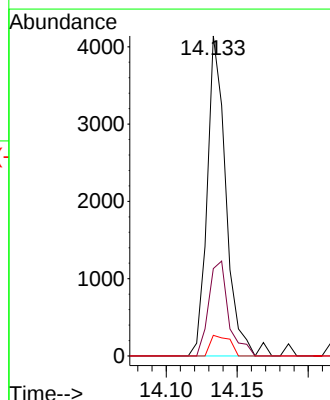
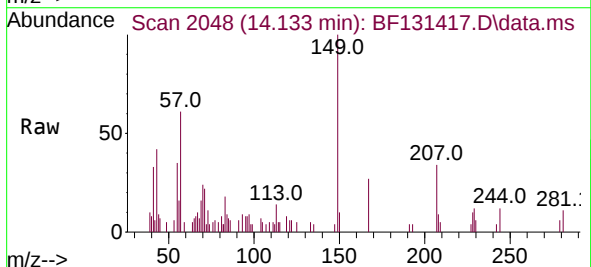
Instrument :
 BNA_F
 ClientSampleId :

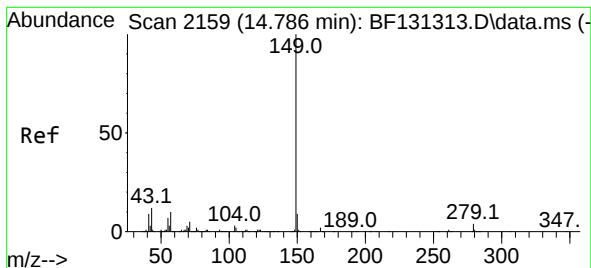
Tgt Ion:	149	Resp:	240
Ion	Ratio	Lower	Upper
149	100		
91	105.2	61.9	92.9#
206	0.0	16.5	24.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.190 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.012 min
 Lab File: BF131417.D
 Acq: 26 Nov 2022 02:40

Tgt Ion:	149	Resp:	3817
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.9	32.9
279	6.5	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 3.948 ng

RT: 14.763 min Scan# 2155

Delta R.T. -0.012 min

Lab File: BF131417.D

Acq: 26 Nov 2022 02:40

Instrument :

BNA_F

ClientSampleId :

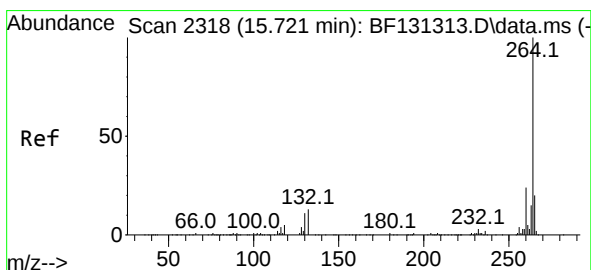
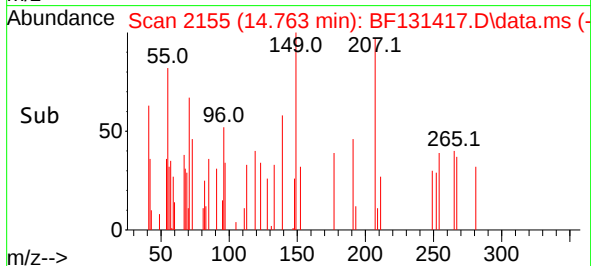
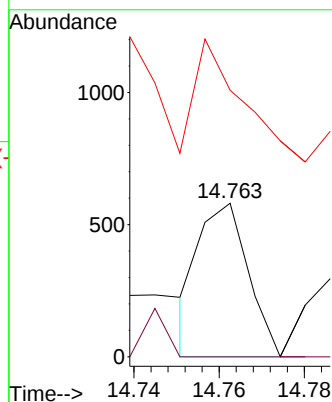
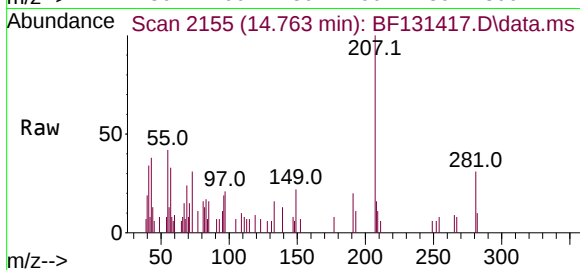
Tgt Ion:149 Resp: 466

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: 15.698 min Scan# 2314

Delta R.T. -0.012 min

Lab File: BF131417.D

Acq: 26 Nov 2022 02:40

Tgt Ion:264 Resp: 183738

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

265 20.1 16.4 24.6

