

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131416.D
 Acq On : 26 Nov 2022 02:08
 Operator : CG\JU
 Sample : N5742-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 03:19:54 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)

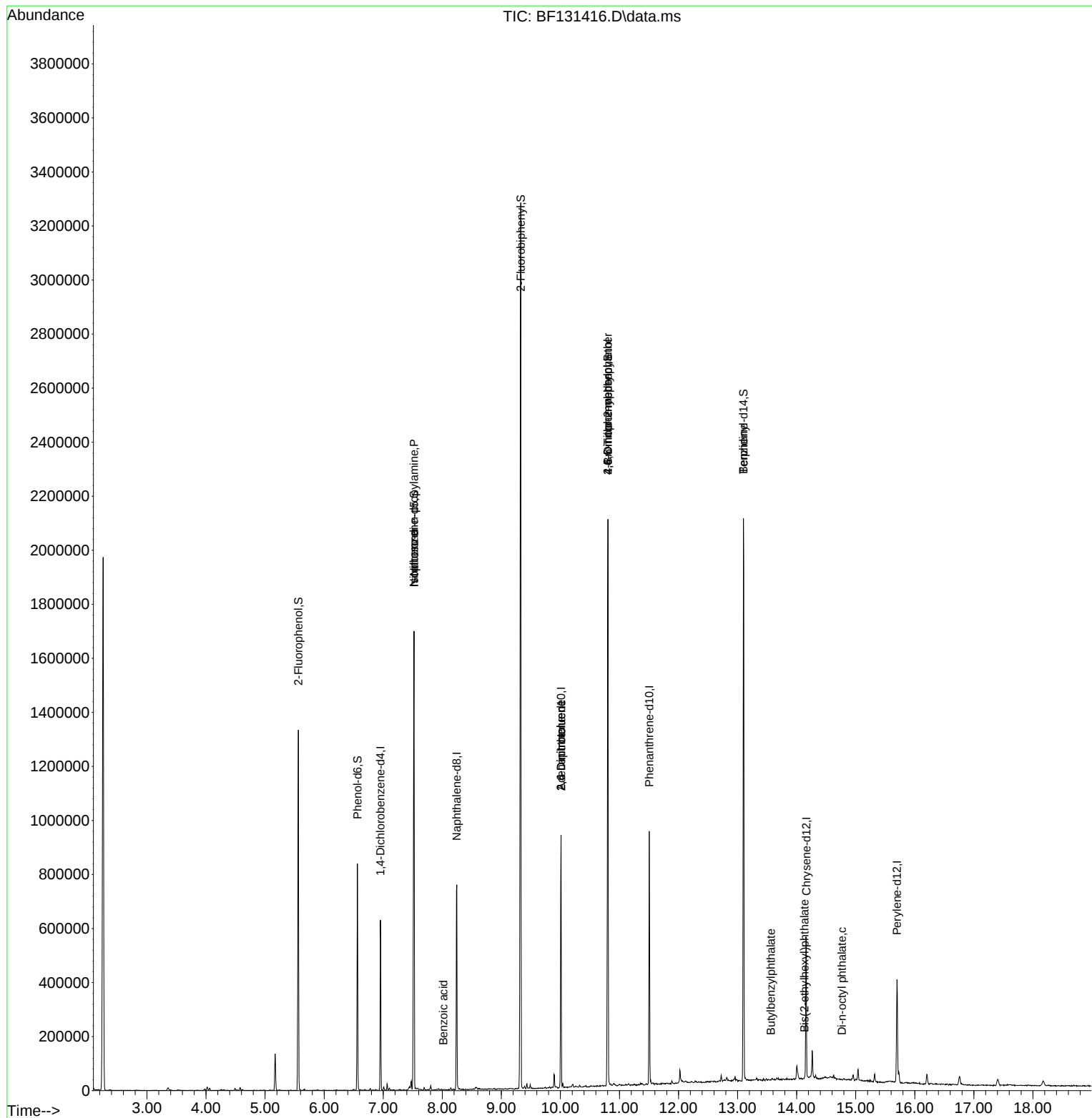
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	88774	20.000	ng	-0.01
21) Naphthalene-d8	8.245	136	324705	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	182788	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	315011	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	190370	20.000	ng	-0.01
86) Perylene-d12	15.698	264	185116	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	295661	63.386	ng	0.00
7) Phenol-d6	6.563	99	225263	37.851	ng	-0.02
23) Nitrobenzene-d5	7.522	82	550766	85.503	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	236923	154.065	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1012047	80.549	ng	0.00
79) Terphenyl-d14	13.098	244	770244	66.163	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	85	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.522	70	77077	17.692	ng	# 71
25) Isophorone	7.522	82	548999	47.772	ng	# 68
32) Benzoic acid	8.016	122	75	5.158	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	23022	9.039	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	23022	7.184	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.804	198	639	5.104	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	15618	4.045	ng	# 1
77) Benzidine	13.098	184	10696	3.042	ng	# 93
80) Butylbenzylphthalate	13.563	149	72	4.155	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.133	149	1854	3.977	ng	# 94
85) Di-n-octyl phthalate	14.768	149	667	3.973	ng	# 65

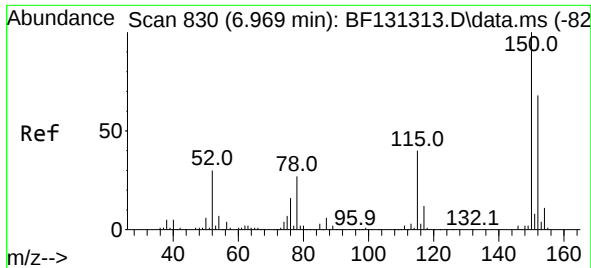
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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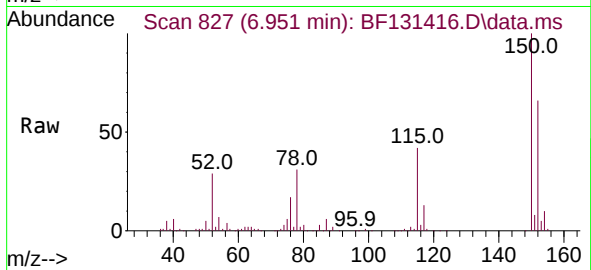
Quant Time: Nov 26 03:19:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
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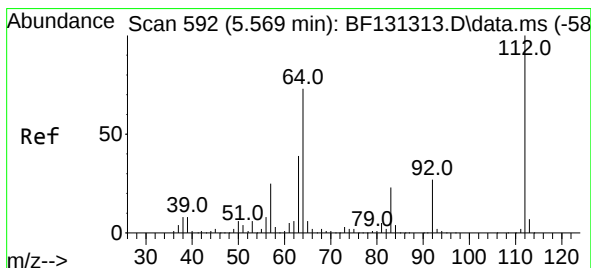
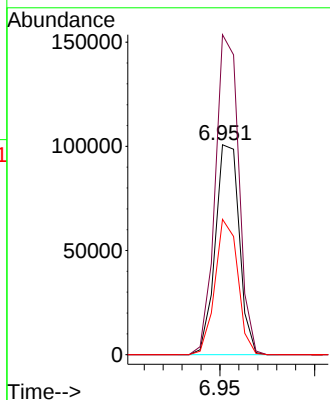
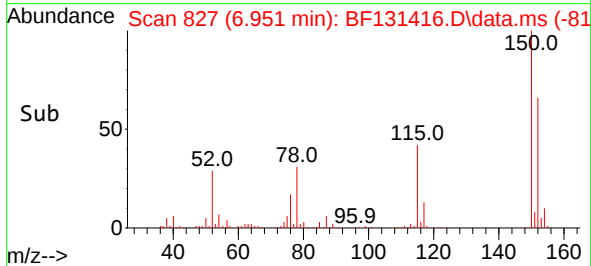


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

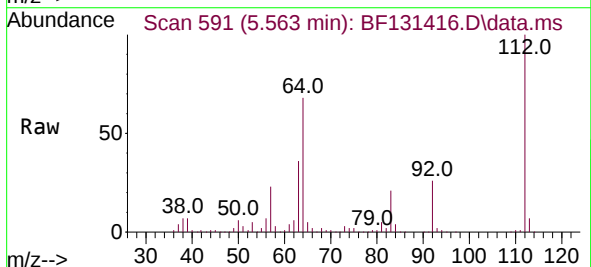
Instrument :
BNA_F
ClientSampleId :



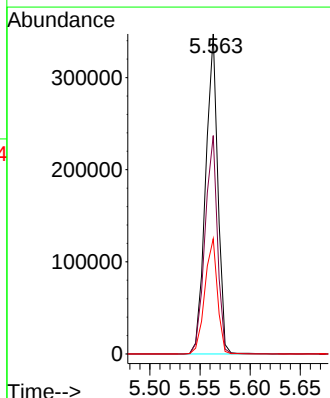
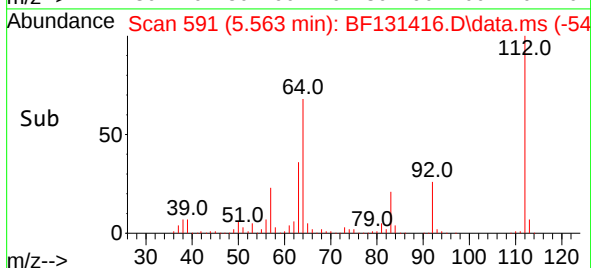
Tgt Ion:152 Resp: 88774
Ion Ratio Lower Upper
152 100
150 152.5 117.8 176.8
115 64.5 47.1 70.7

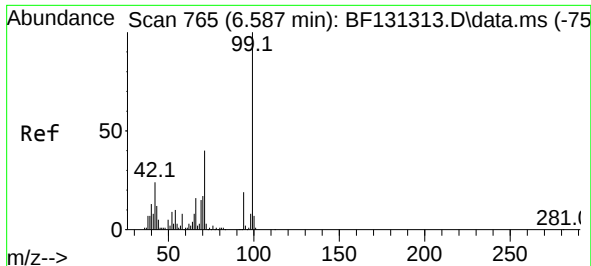


#5
2-Fluorophenol
Concen: 63.386 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08



Tgt Ion:112 Resp: 295661
Ion Ratio Lower Upper
112 100
64 68.3 58.6 88.0
63 36.0 31.4 47.0

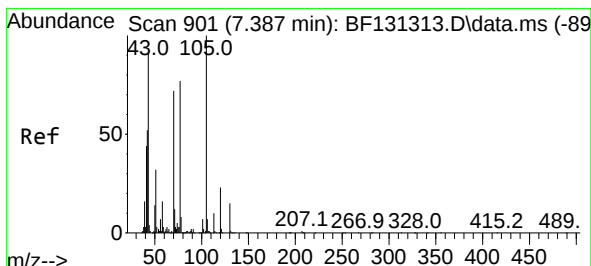
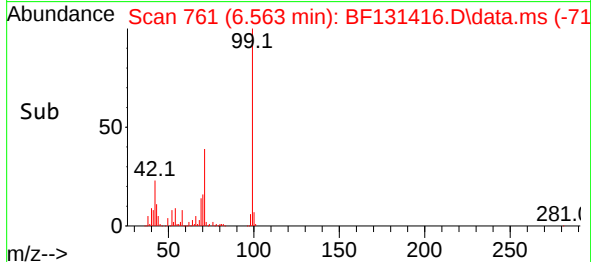
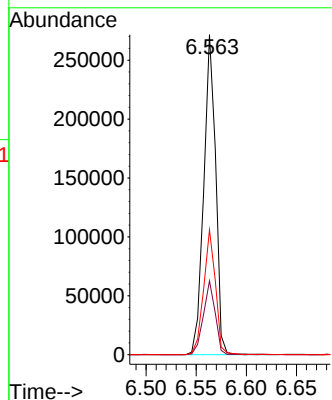
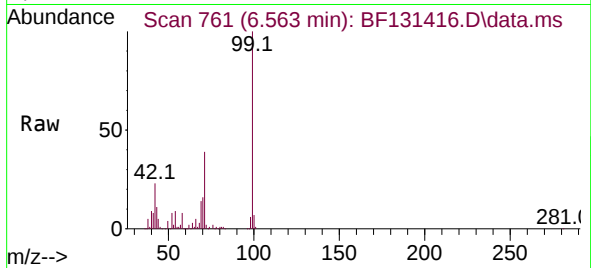




#7
Phenol-d6
Concen: 37.851 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

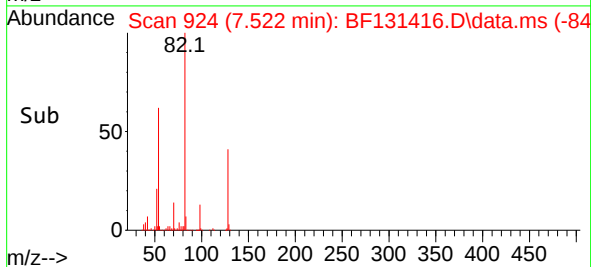
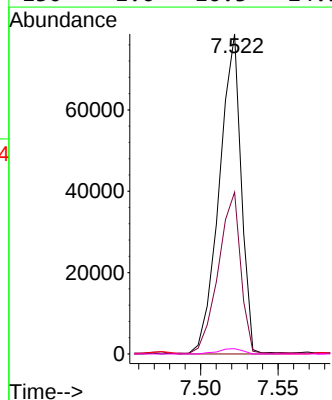
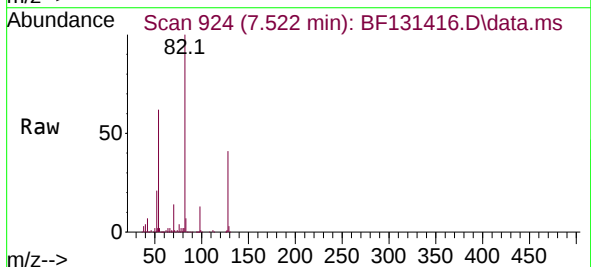
Instrument :
BNA_F
ClientSampleId :

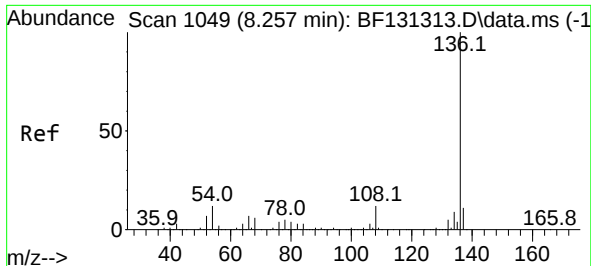
Tgt Ion: 99 Resp: 225263
Ion Ratio Lower Upper
99 100
42 23.1 19.4 29.2
71 39.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.692 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Tgt Ion: 70 Resp: 77077
Ion Ratio Lower Upper
70 100
42 50.6 57.6 86.4#
101 0.0 8.2 12.2#
130 1.6 16.3 24.5#

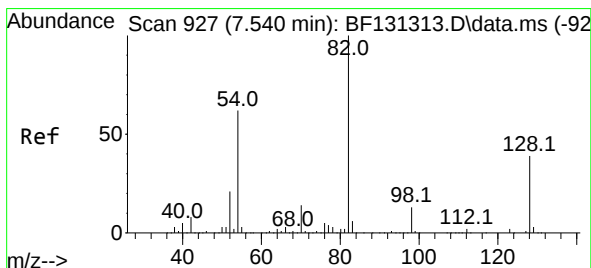
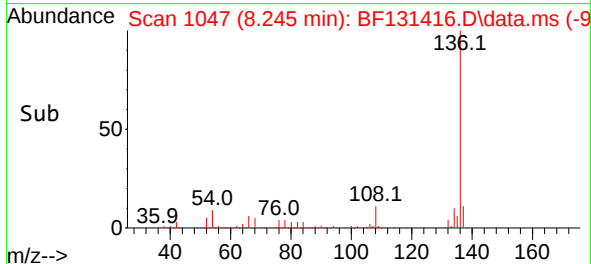
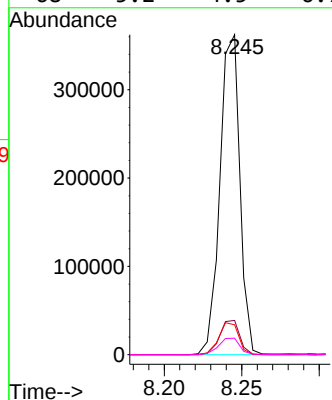
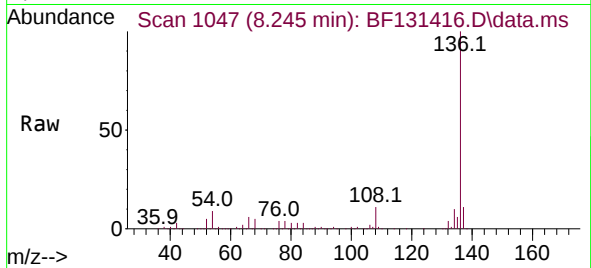




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

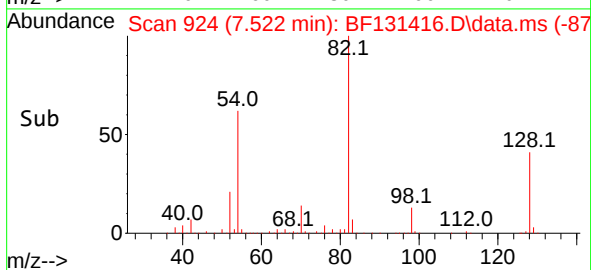
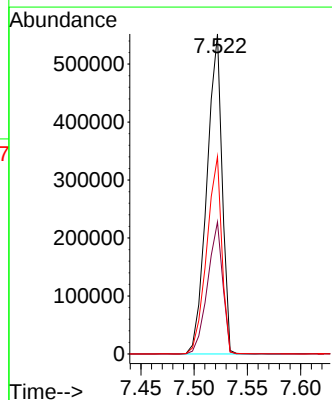
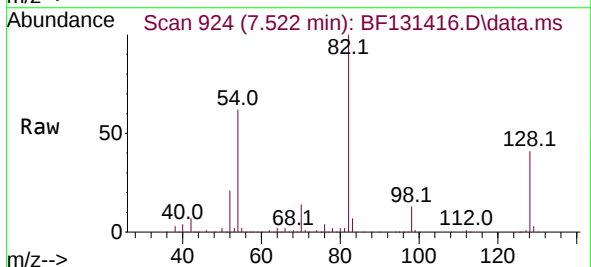
Instrument :
BNA_F
ClientSampleId :

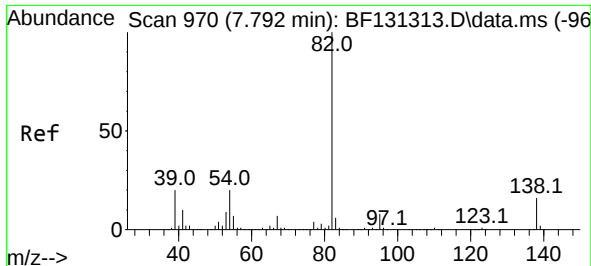
Tgt Ion:136 Resp: 324705
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.4 9.4 14.0
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 85.503 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Tgt Ion: 82 Resp: 550766
Ion Ratio Lower Upper
82 100
128 41.3 31.4 47.0
54 61.6 49.8 74.6

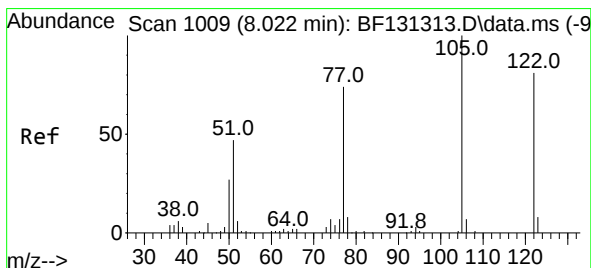
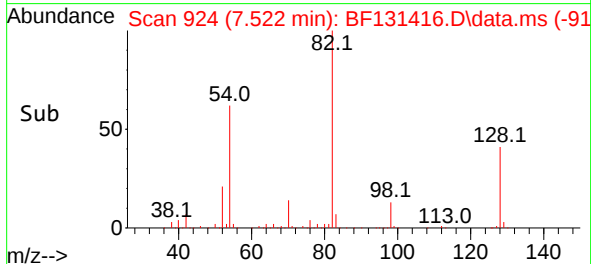
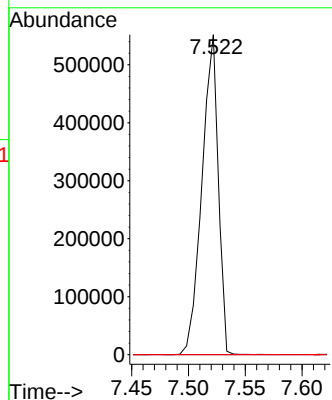
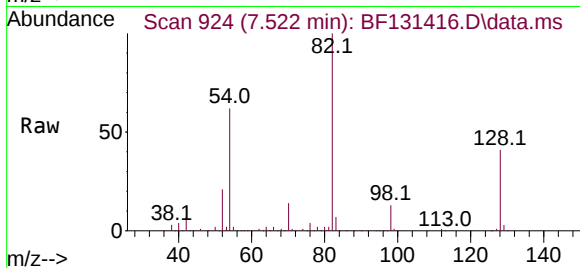




#25
Isophorone
Concen: 47.772 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

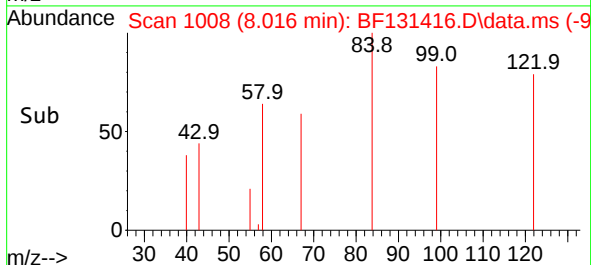
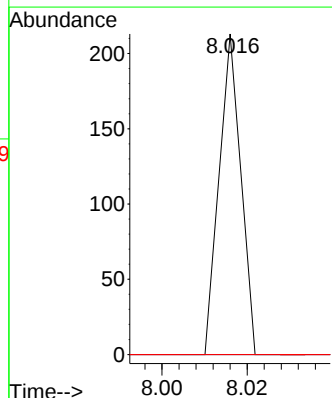
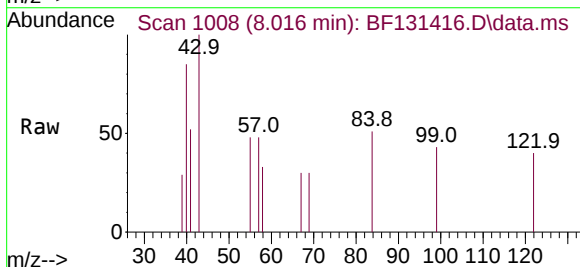
Instrument :
BNA_F
ClientSampleId :

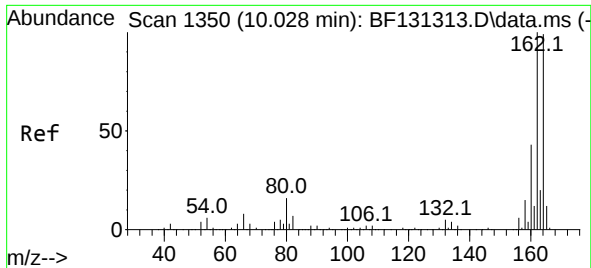
Tgt Ion: 82 Resp: 548999
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.158 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Tgt Ion: 122 Resp: 75
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 74.3 114.3#

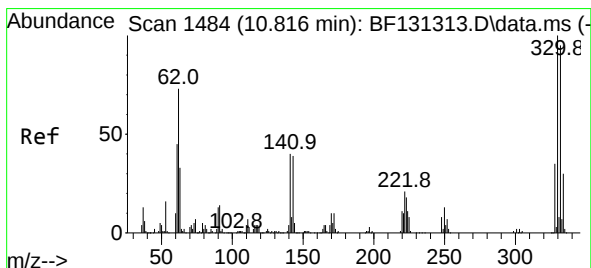
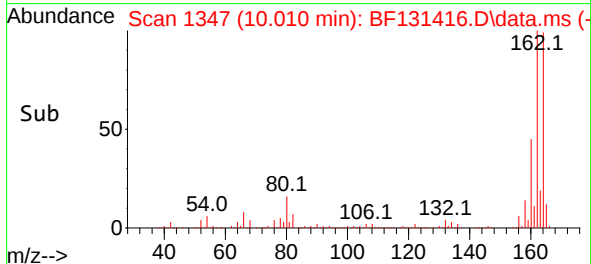
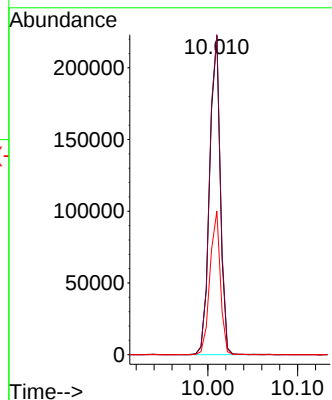
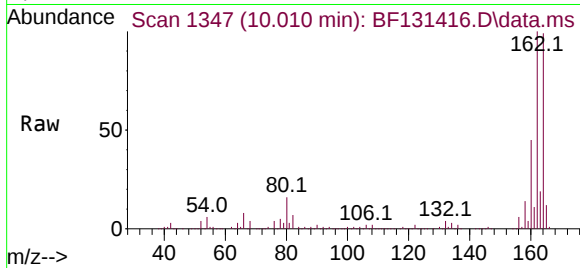




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

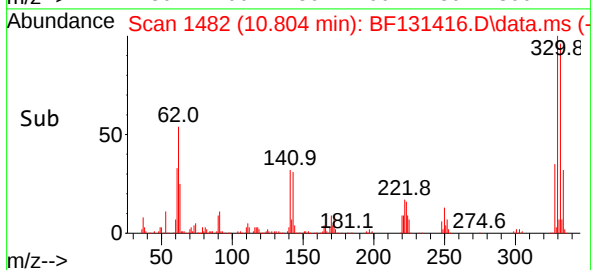
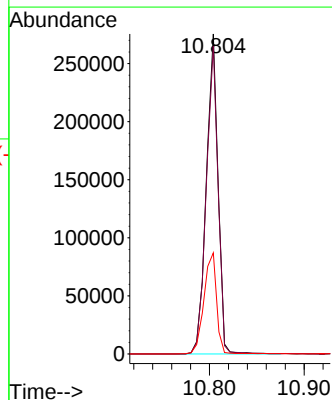
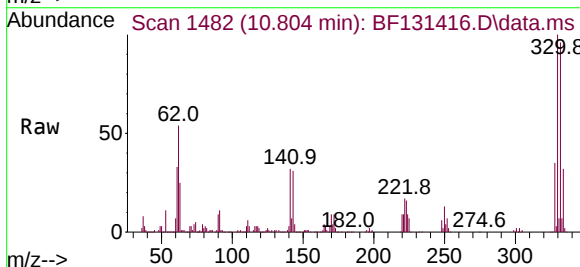
Instrument :
BNA_F
ClientSampleId :

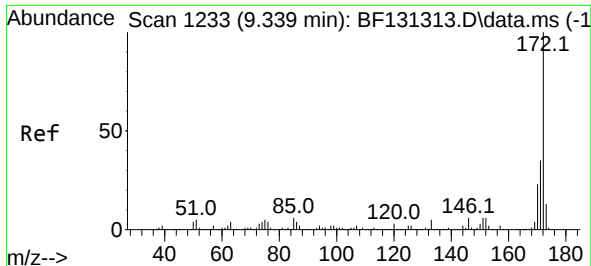
Tgt Ion:164 Resp: 182788
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 45.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 154.065 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Tgt Ion:330 Resp: 236923
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 34.2 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 80.549 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131416.D

Acq: 26 Nov 2022 02:08

Instrument :

BNA_F

ClientSampleId :

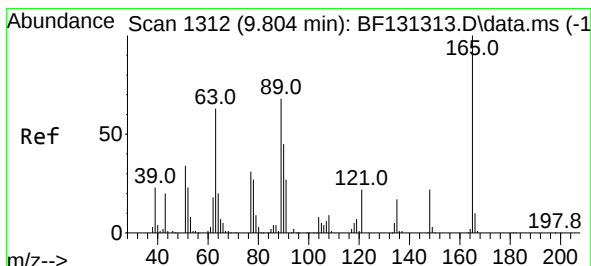
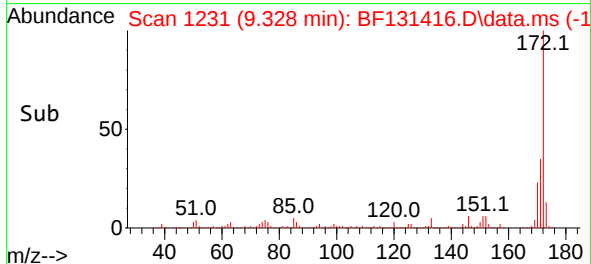
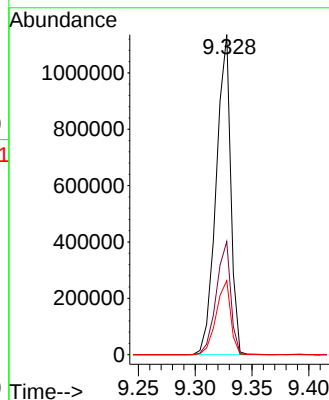
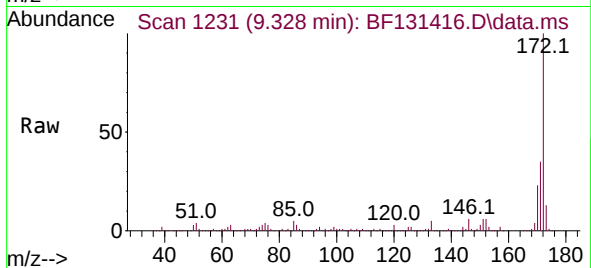
Tgt Ion:172 Resp: 1012047

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: 9.039 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.212 min

Lab File: BF131416.D

Acq: 26 Nov 2022 02:08

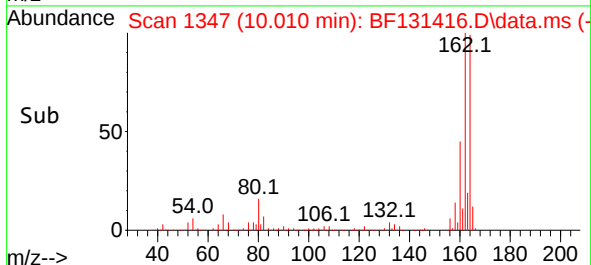
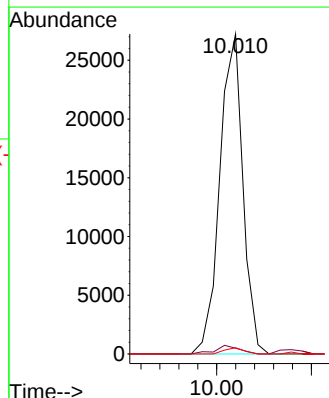
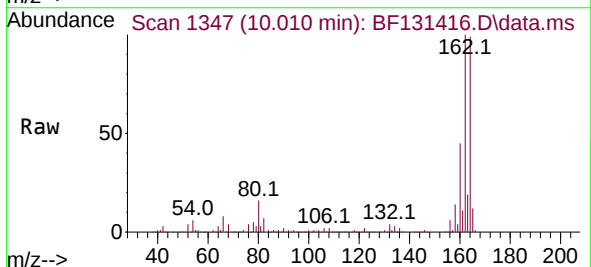
Tgt Ion:165 Resp: 23022

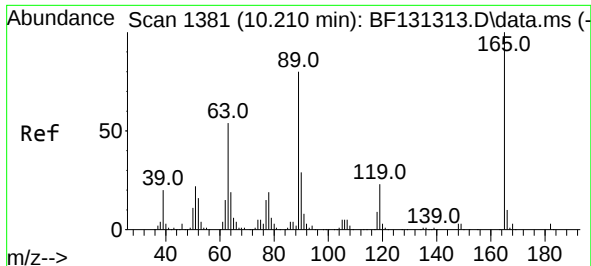
Ion Ratio Lower Upper

165 100

63 1.8 62.0 93.0#

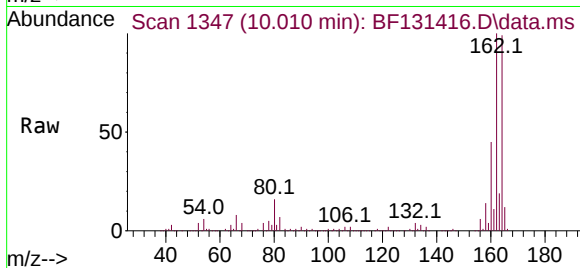
89 1.9 54.4 81.6#



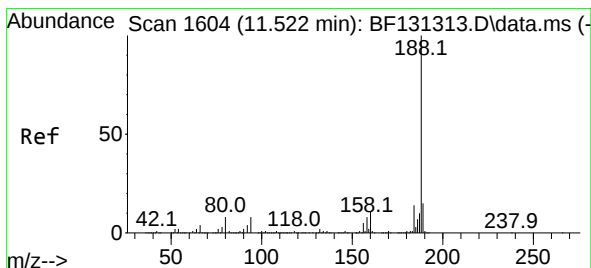
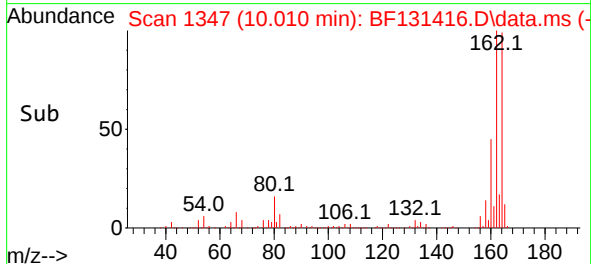
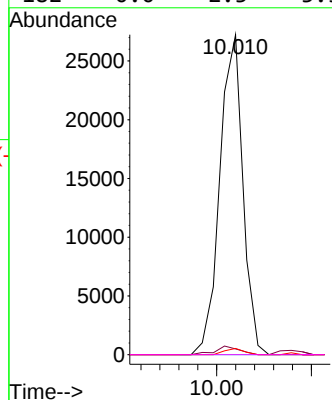


#57
2,4-Dinitrotoluene
Concen: 7.184 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Instrument :
BNA_F
ClientSampleId :

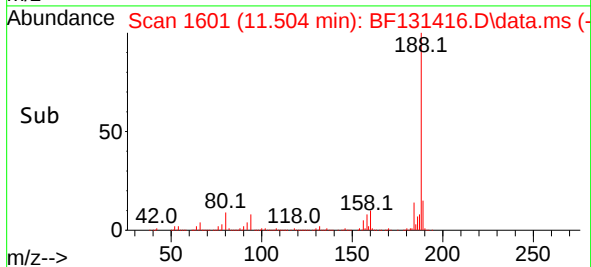
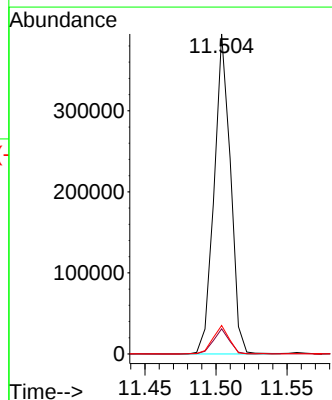
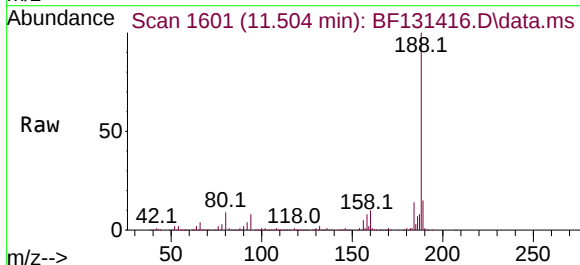


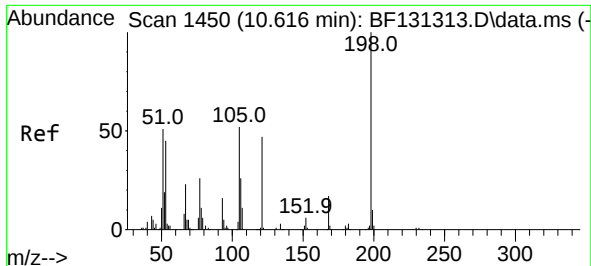
Tgt Ion:165 Resp: 23022
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.2#
89 1.9 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Tgt Ion:188 Resp: 315011
Ion Ratio Lower Upper
188 100
94 7.9 6.3 9.5
80 8.9 6.8 10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.104 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.194 min

Lab File: BF131416.D

Acq: 26 Nov 2022 02:08

Instrument :

BNA_F

ClientSampleId :

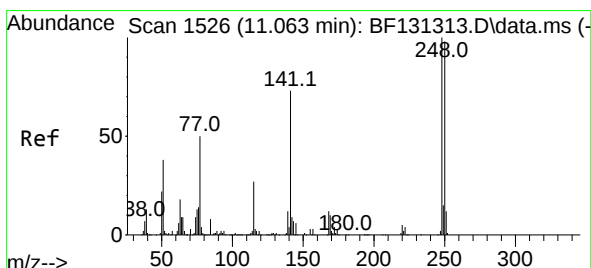
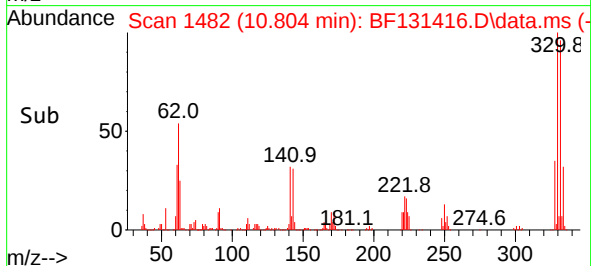
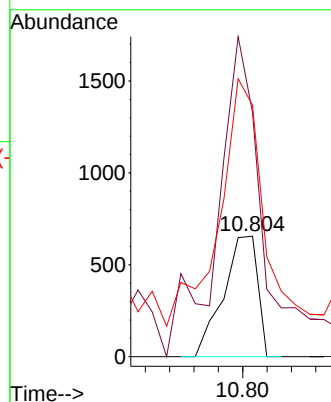
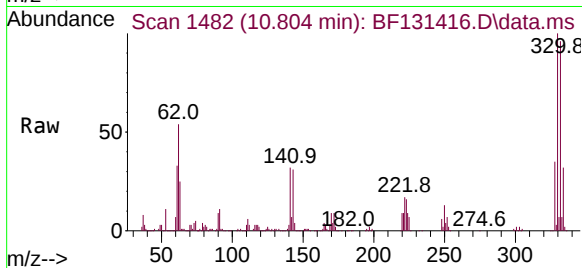
Tgt Ion:198 Resp: 639

Ion Ratio Lower Upper

198 100

51 202.4 50.1 90.1#

105 208.5 32.5 72.5#



#67

4-Bromophenyl-phenylether

Concen: 4.045 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.253 min

Lab File: BF131416.D

Acq: 26 Nov 2022 02:08

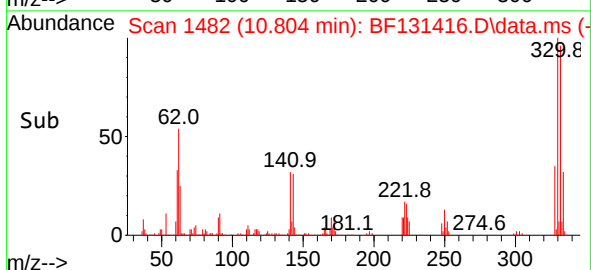
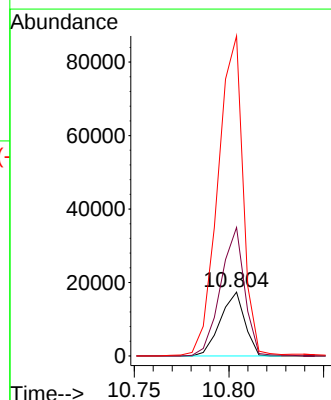
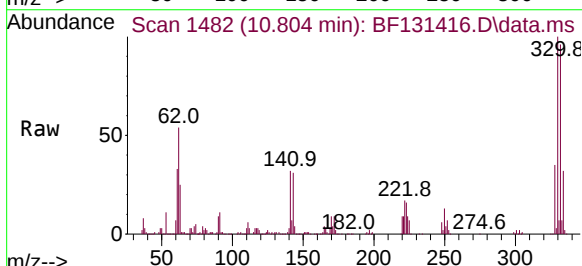
Tgt Ion:248 Resp: 15618

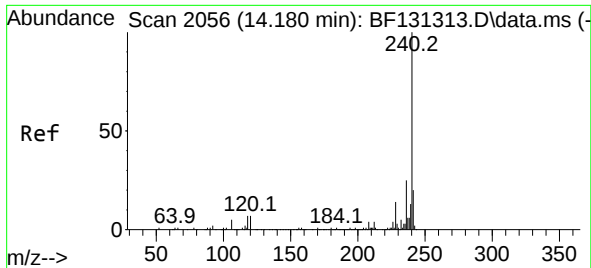
Ion Ratio Lower Upper

248 100

250 201.1 78.3 117.5#

141 500.7 58.0 87.0#

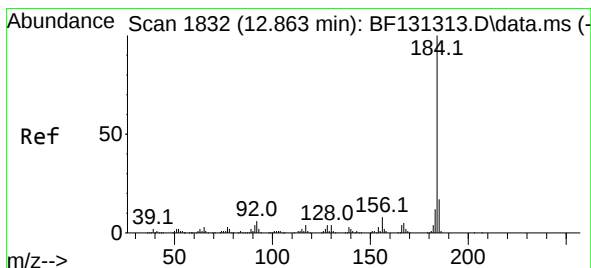
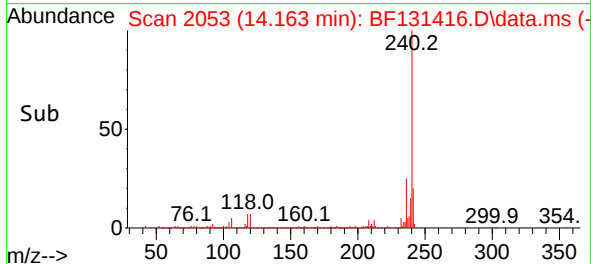
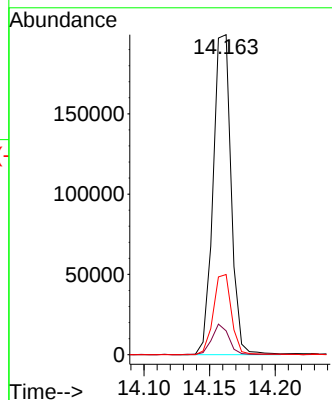
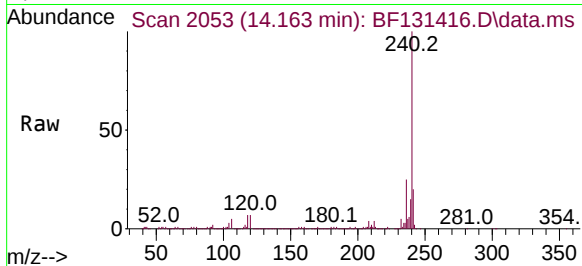




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

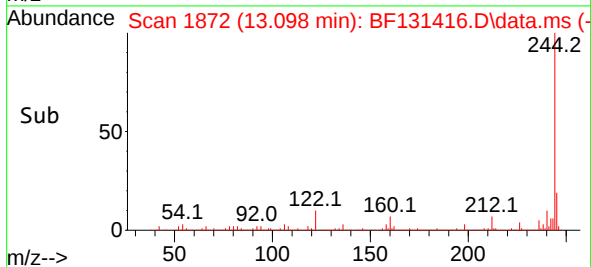
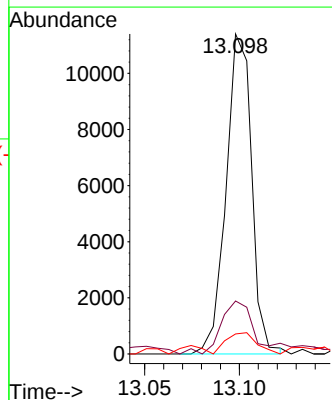
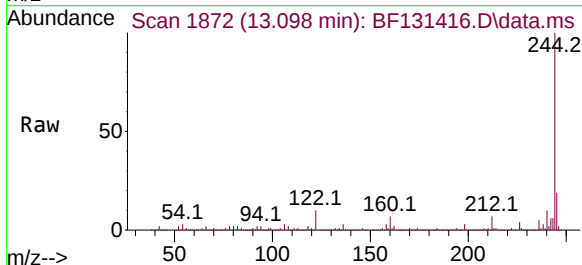
Instrument :
BNA_F
ClientSampleId :

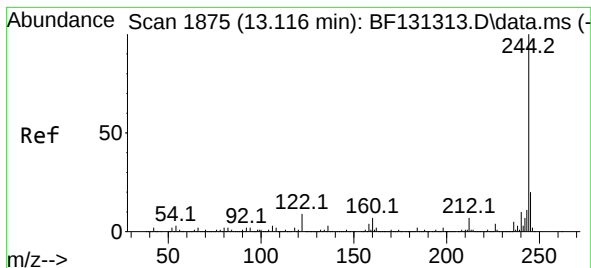
Tgt Ion:240 Resp: 190370
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.8
236 25.0 20.3 30.5



#77
Benzidine
Concen: 3.042 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.241 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Tgt Ion:184 Resp: 10696
Ion Ratio Lower Upper
184 100
185 16.5 13.8 20.8
183 6.3 9.6 14.4#





#79

Terphenyl-d14

Concen: 66.163 ng

RT: 13.098 min Scan# 11

Delta R.T. -0.012 min

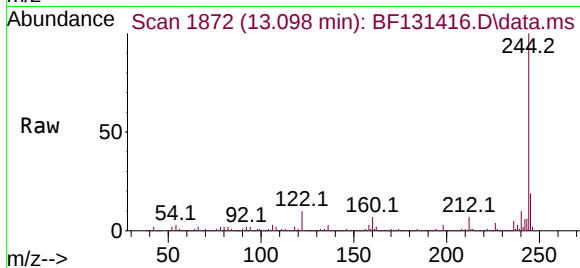
Lab File: BF131416.D

Acq: 26 Nov 2022 02:08

Instrument :

BNA_F

ClientSampleId :



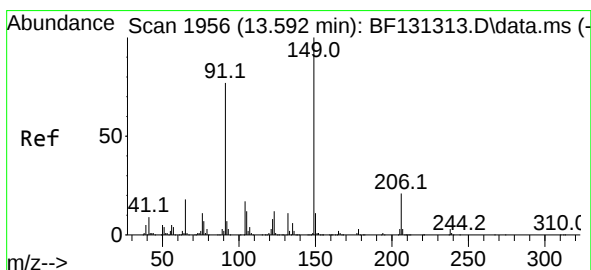
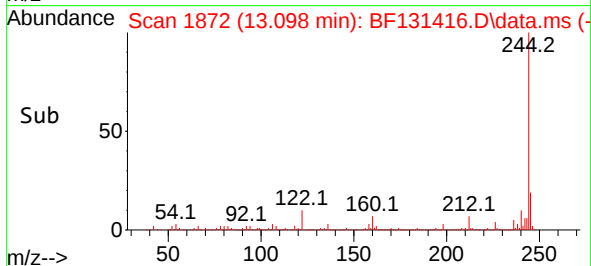
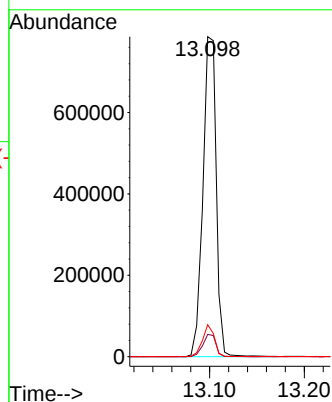
Tgt Ion:244 Resp: 770244

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 10.0 7.5 11.3



#80

Butylbenzylphthalate

Concen: 4.155 ng

RT: 13.563 min Scan# 1951

Delta R.T. -0.023 min

Lab File: BF131416.D

Acq: 26 Nov 2022 02:08

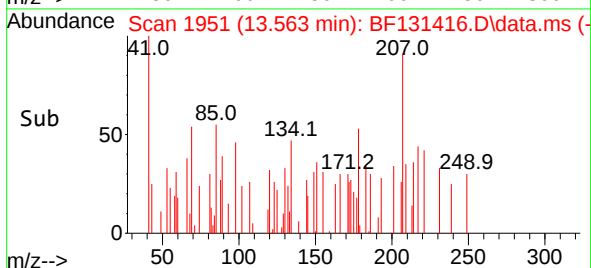
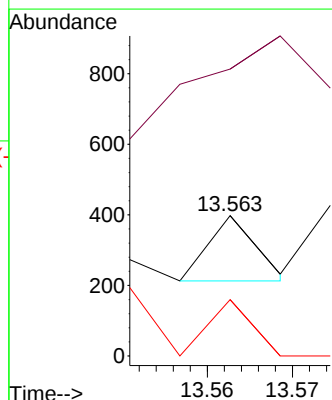
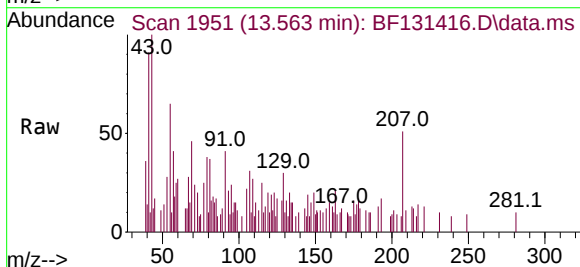
Tgt Ion:149 Resp: 72

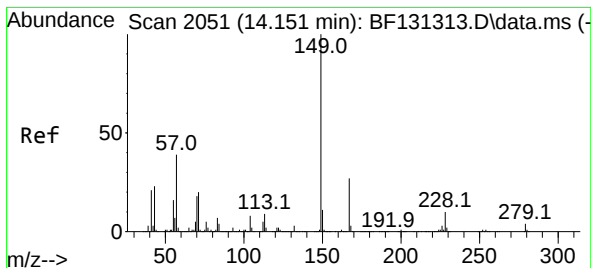
Ion Ratio Lower Upper

149 100

91 204.3 61.9 92.9#

206 40.2 16.5 24.7#

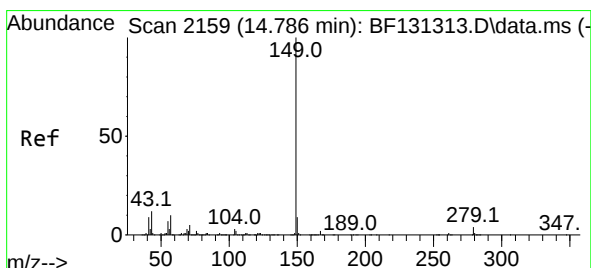
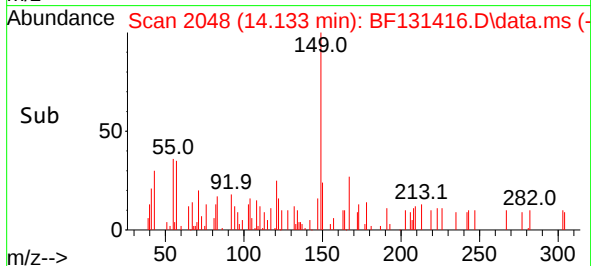
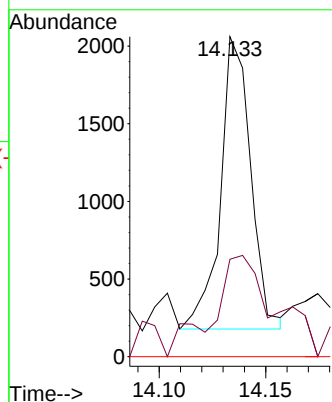
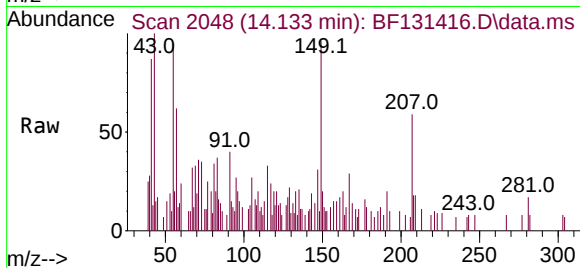




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.977 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.012 min
 Lab File: BF131416.D
 Acq: 26 Nov 2022 02:08

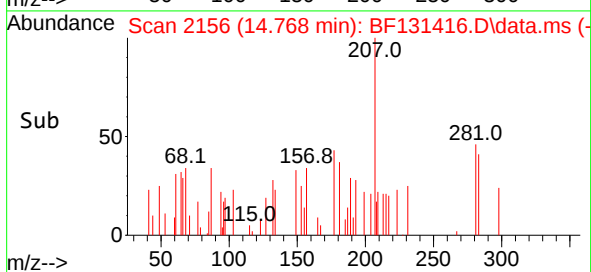
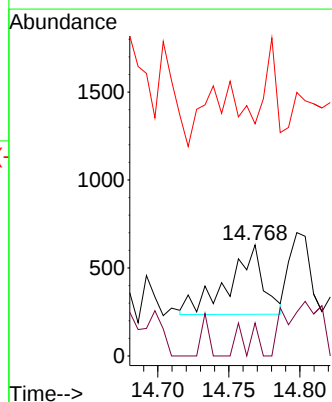
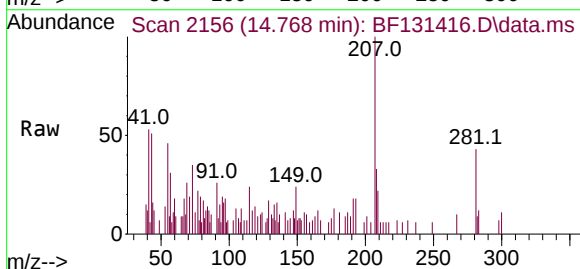
Instrument :
 BNA_F
 ClientSampleId :

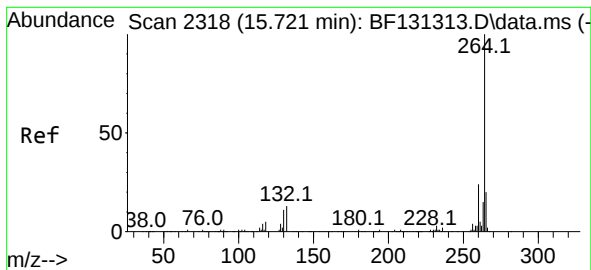
Tgt Ion:149 Resp: 1854
 Ion Ratio Lower Upper
 149 100
 167 30.4 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.973 ng
 RT: 14.768 min Scan# 2156
 Delta R.T. -0.006 min
 Lab File: BF131416.D
 Acq: 26 Nov 2022 02:08

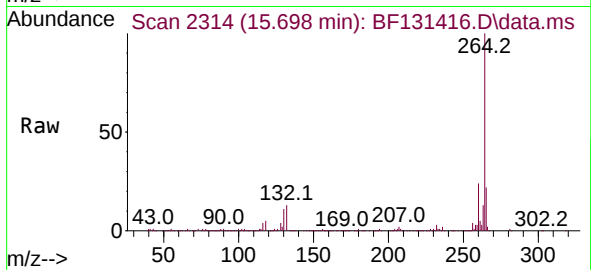
Tgt Ion:149 Resp: 667
 Ion Ratio Lower Upper
 149 100
 167 19.8 1.2 1.8#
 43 0.0 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131416.D
Acq: 26 Nov 2022 02:08

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 185116
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.6 16.4 24.6

