

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131413.D
 Acq On : 26 Nov 2022 00:32
 Operator : CG\JU
 Sample : N5741-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 01:03:02 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

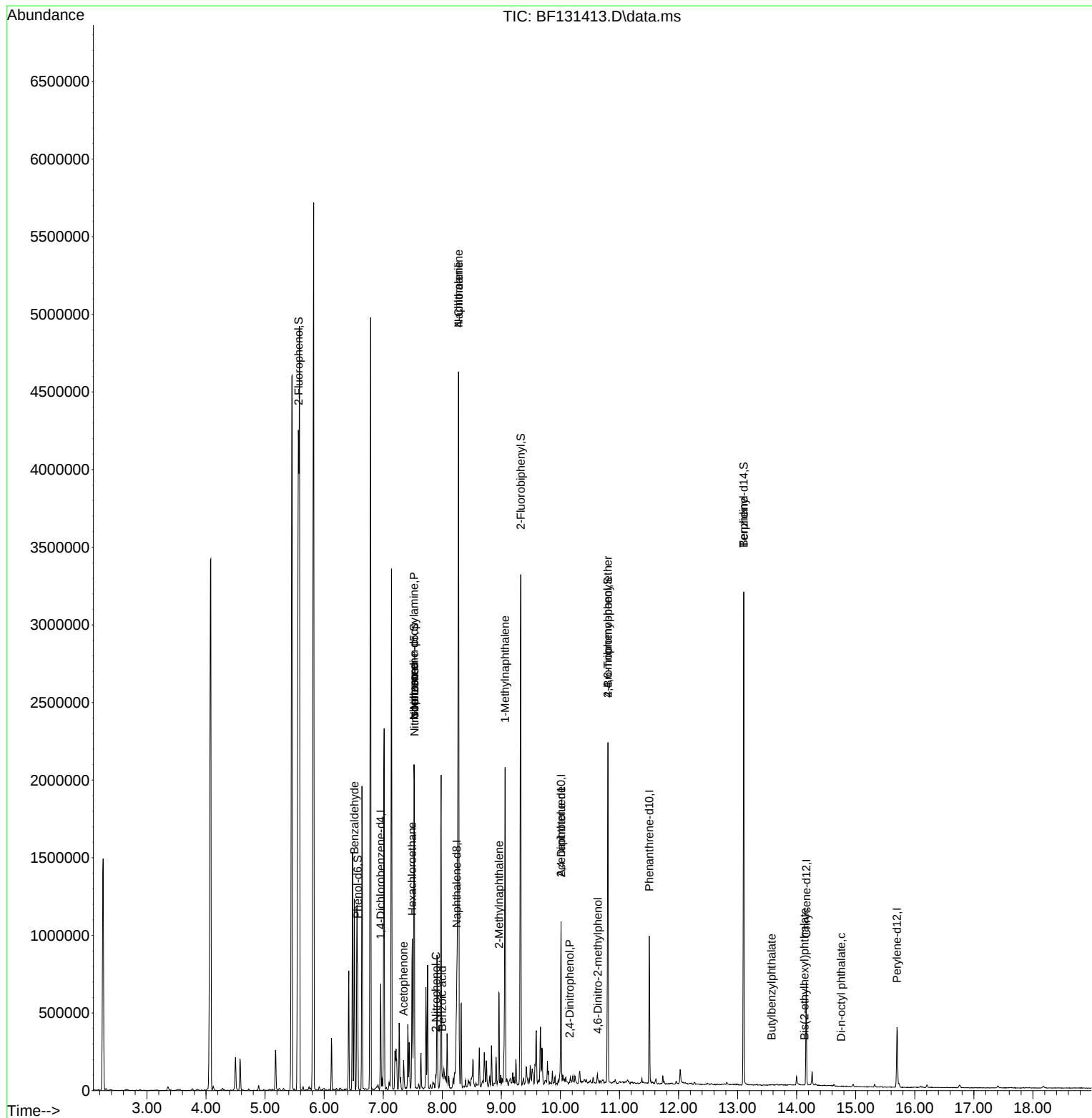
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	91671	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	329146	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	189767	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	337332	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	221777	20.000	ng	-0.01
86) Perylene-d12	15.698	264	192332	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	249888	51.880	ng	0.00
7) Phenol-d6	6.569	99	234986	38.237	ng	-0.01
23) Nitrobenzene-d5	7.522	82	534043	81.789	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	246736	154.546	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	987292	75.689	ng	0.00
79) Terphenyl-d14	13.104	244	1123463	82.838	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	46183	8.807	ng	# 1
18) Hexachloroethane	7.487	117	76275	32.266	ng	# 1
19) n-Nitroso-di-n-propyla...	7.522	70	73963	16.440	ng	# 75
22) Acetophenone	7.345	105	65671	7.838	ng	# 53
24) Nitrobenzene	7.528	77	14152	2.080	ng	# 3
25) Isophorone	7.522	82	531857	45.656	ng	# 68
26) 2-Nitrophenol	7.892	139	56	3.610	ng	# 1
31) Naphthalene	8.275	128	2228546	127.055	ng	99
32) Benzoic acid	7.998	122	2370	6.116	ng	# 45
33) 4-Chloroaniline	8.275	127	308014	44.512	ng	# 32
37) 2-Methylnaphthalene	8.963	142	143683	12.090	ng	100
38) 1-Methylnaphthalene	9.063	142	473108	41.053	ng	100
54) 2,4-Dinitrophenol	10.157	184	317	5.276	ng	# 78
57) 2,4-Dinitrotoluene	10.010	165	27203	8.177	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.633	198	650	5.077	ng	# 40
67) 4-Bromophenyl-phenylether	10.804	248	16656	4.029	ng	# 1
77) Benzidine	13.104	184	14974	3.655	ng	# 94
80) Butylbenzylphthalate	13.574	149	720	4.243	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.133	149	963	3.851	ng	# 94
85) Di-n-octyl phthalate	14.757	149	1222	4.014	ng	# 70

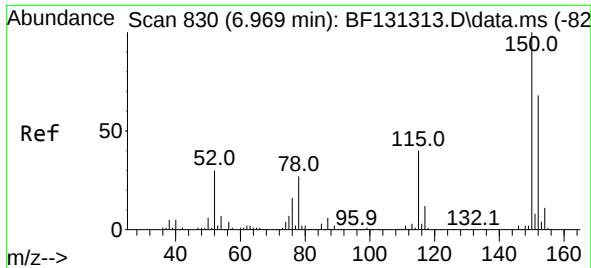
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :

Quant Time: Nov 26 01:03:02 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

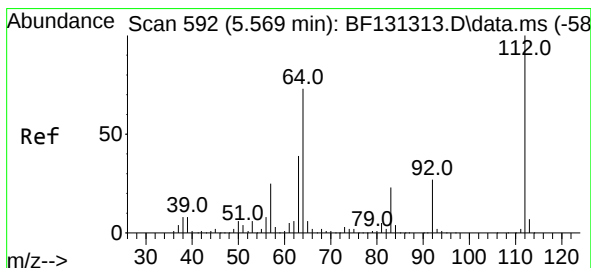
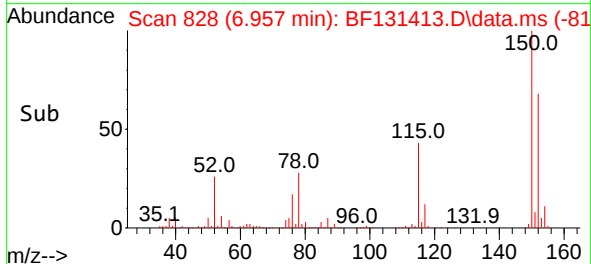
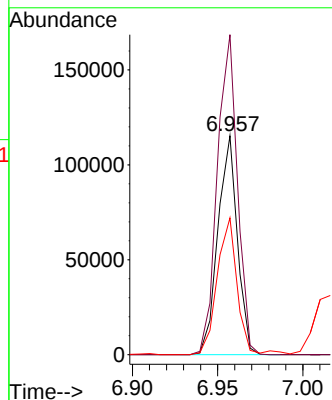
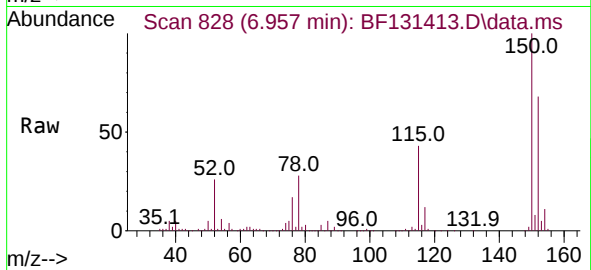




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

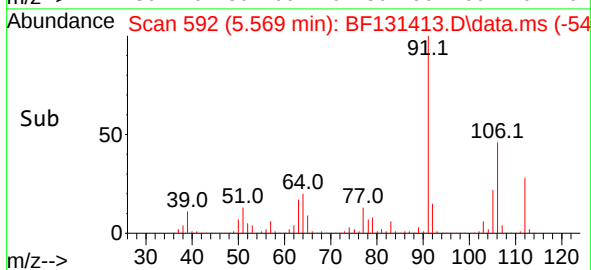
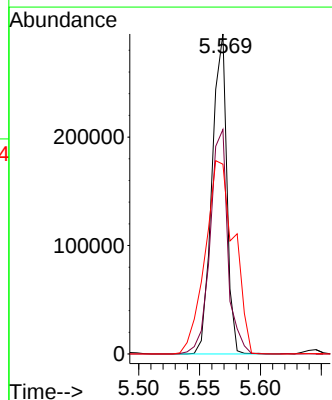
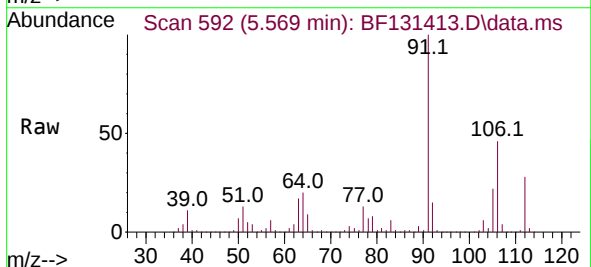
Instrument :
BNA_F
ClientSampleId :

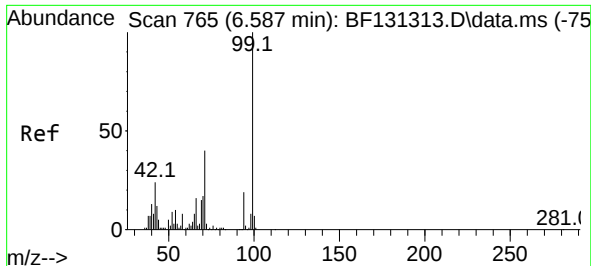
Tgt Ion:152 Resp: 91671
Ion Ratio Lower Upper
152 100
150 146.2 117.8 176.8
115 62.5 47.1 70.7



#5
2-Fluorophenol
Concen: 51.880 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.006 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

Tgt Ion:112 Resp: 249888
Ion Ratio Lower Upper
112 100
64 70.2 58.6 88.0
63 59.3 31.4 47.0#

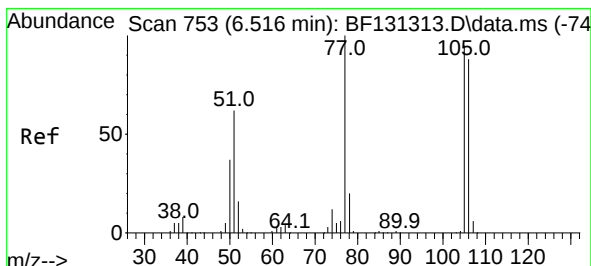
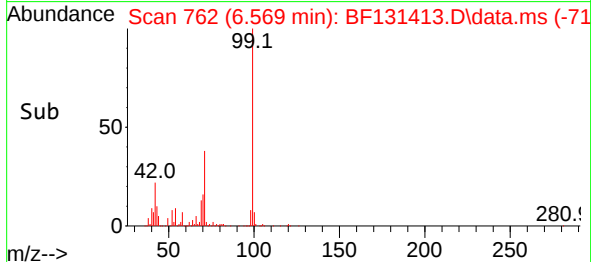
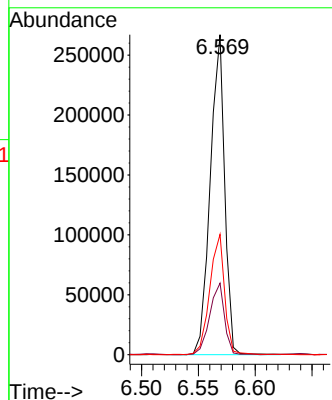
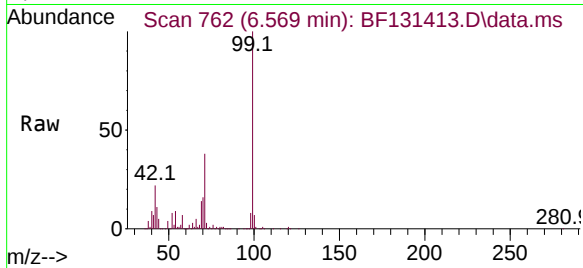




#7
Phenol-d6
Concen: 38.237 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

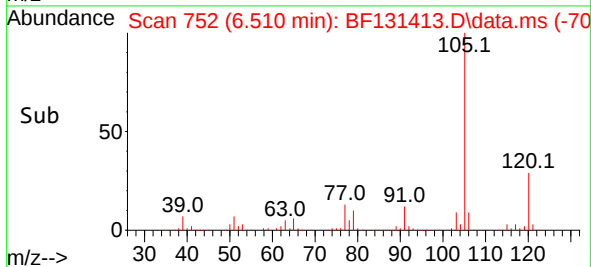
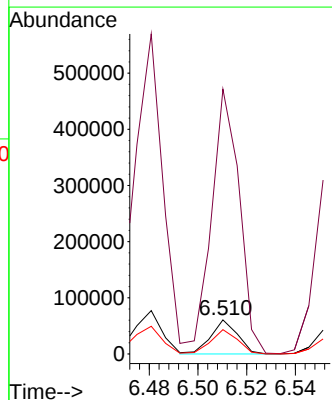
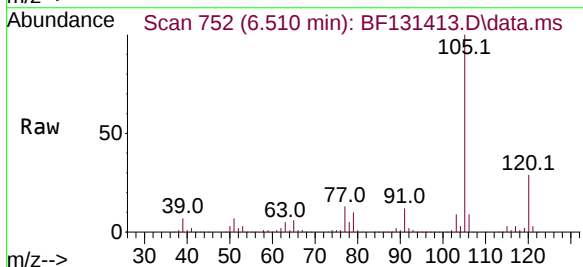
Instrument :
BNA_F
ClientSampleId :

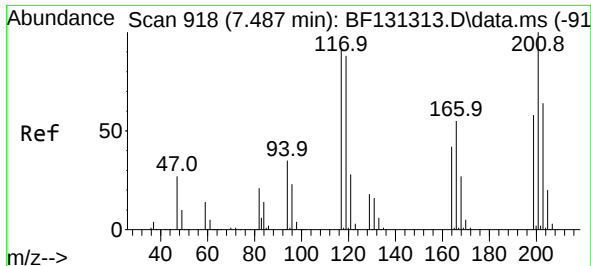
Tgt Ion: 99 Resp: 234986
Ion Ratio Lower Upper
99 100
42 22.3 19.4 29.2
71 37.6 32.3 48.5



#9
Benzaldehyde
Concen: 8.807 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

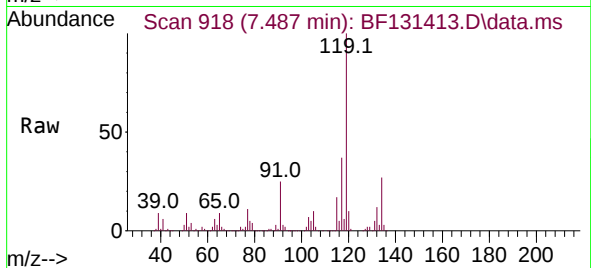
Tgt Ion: 77 Resp: 46183
Ion Ratio Lower Upper
77 100
105 775.9 74.5 114.5#
106 71.3 68.1 108.1



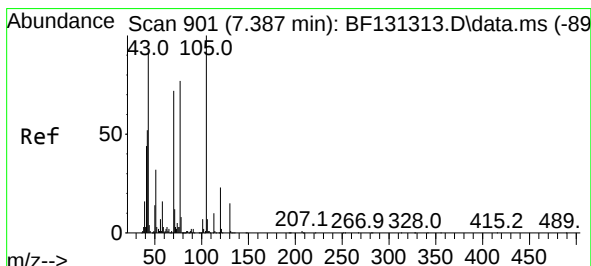
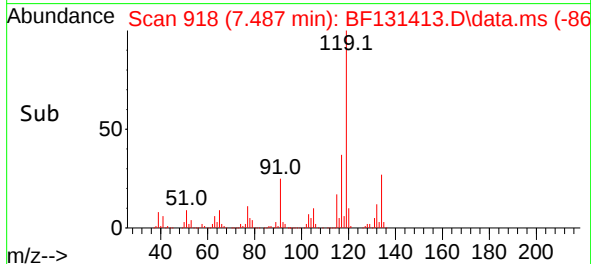
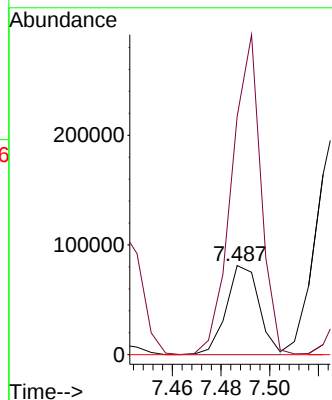


#18
Hexachloroethane
Concen: 32.266 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.012 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

Instrument :
BNA_F
ClientSampleId :

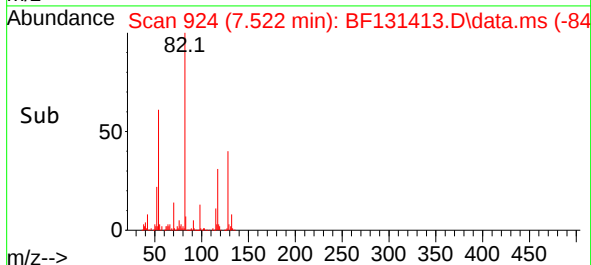
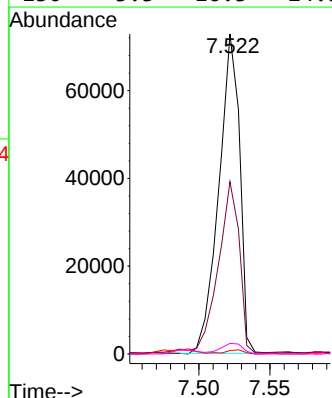
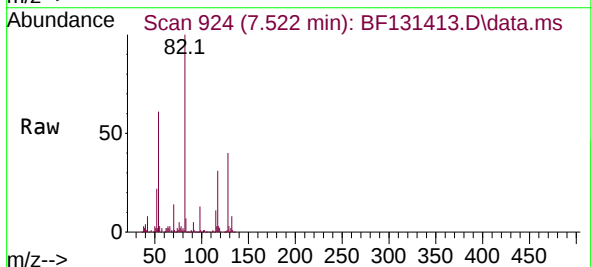


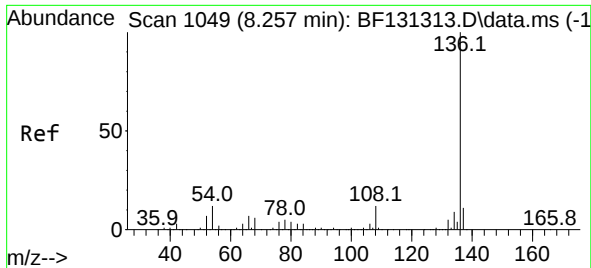
Tgt Ion:117 Resp: 76275
Ion Ratio Lower Upper
117 100
119 267.3 76.6 115.0#
201 0.0 87.0 130.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.440 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

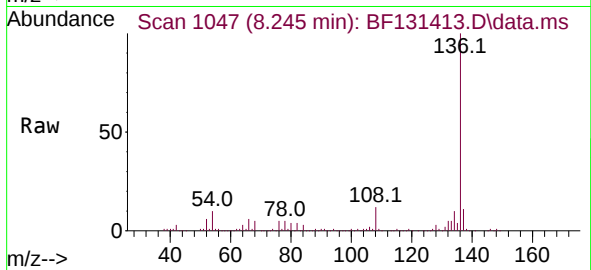
Tgt Ion: 70 Resp: 73963
Ion Ratio Lower Upper
70 100
42 53.8 57.6 86.4#
101 1.0 8.2 12.2#
130 3.3 16.3 24.5#



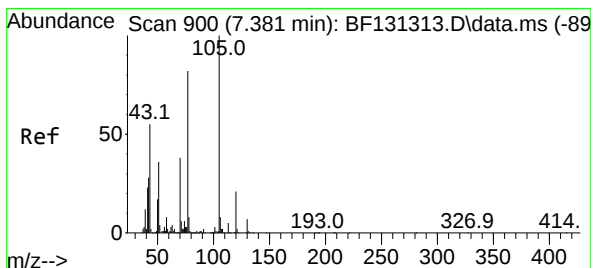
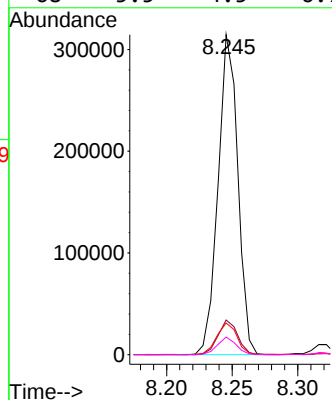
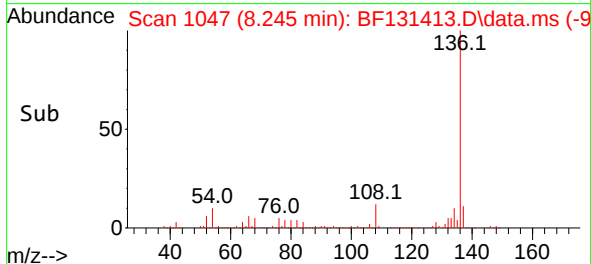


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

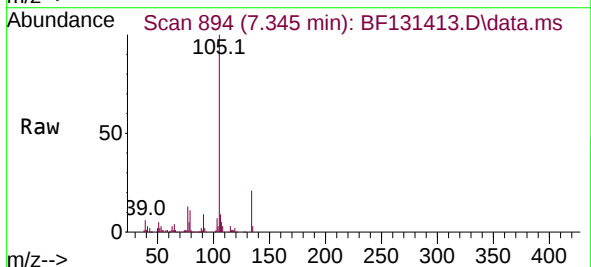
Instrument :
BNA_F
ClientSampleId :



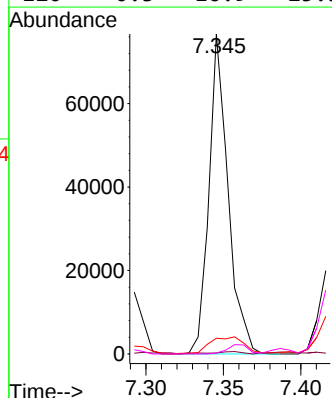
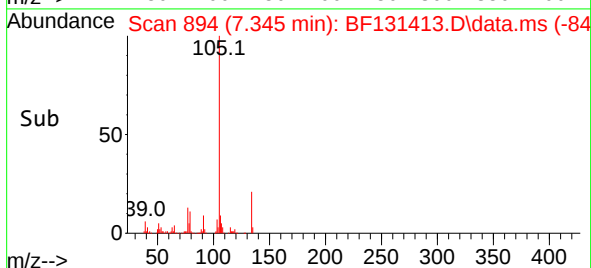
Tgt Ion:136 Resp: 329146
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.9 9.4 14.0
68 5.5 4.5 6.7



#22
Acetophenone
Concen: 7.838 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.029 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32



Tgt Ion:105 Resp: 65671
Ion Ratio Lower Upper
105 100
71 0.3 4.9 7.3#
51 4.9 29.0 43.4#
120 0.3 16.9 25.3#





Concen: 81.789 ng

RT: 7.522 min Sc

Delta R.T. -0.012 min

Lab File: BF131413.D

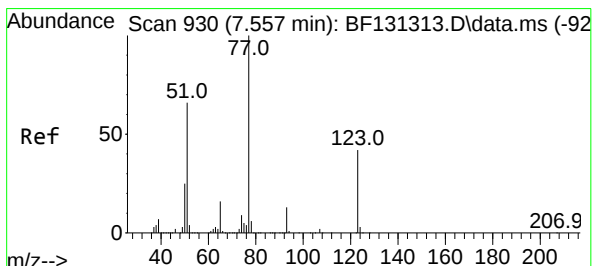
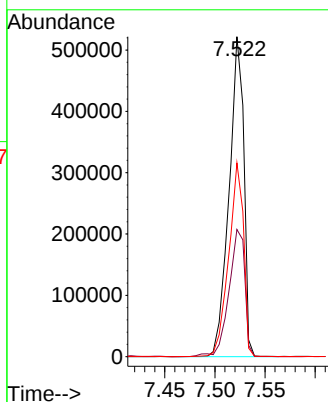
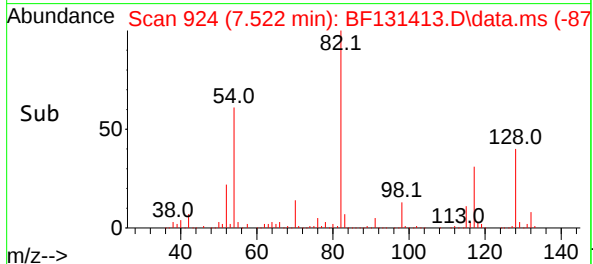
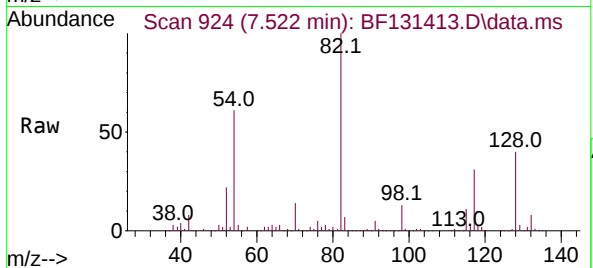
Acq: 26 Nov 2022 00:32

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82	Resp: 534043
Ion Ratio	Lower Upper
82 100	
128 39.8	31.4 47.0
54 60.6	49.8 74.6



#24

Nitrobenzene

Concen: 2.080 ng

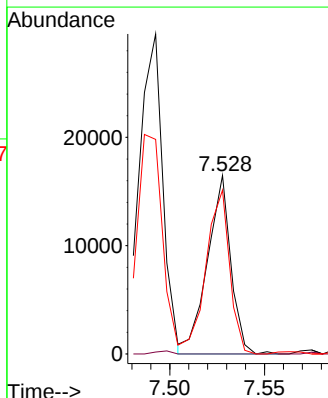
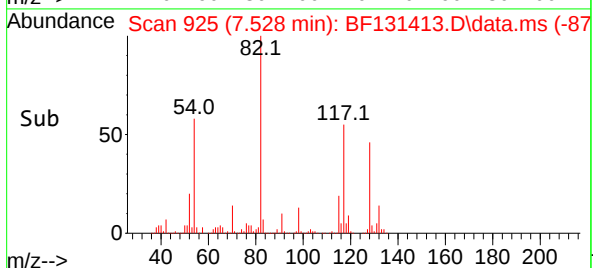
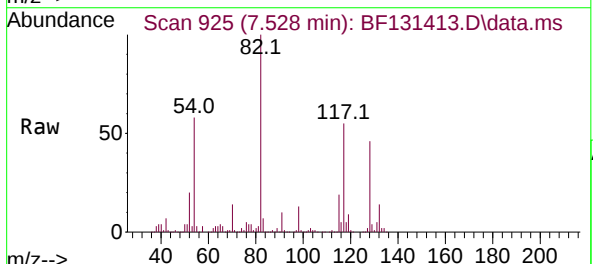
RT: 7.528 min Scan# 925

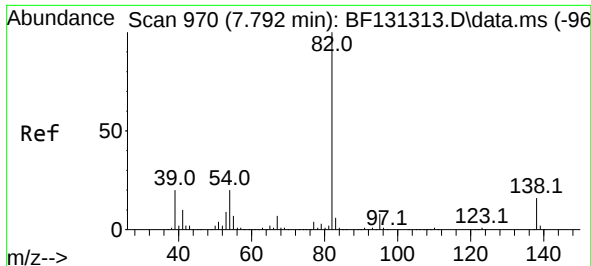
Delta R.T. -0.023 min

Lab File: BF131413.D

Acq: 26 Nov 2022 00:32

Tgt Ion: 77	Resp: 14152
Ion Ratio	Lower Upper
77 100	
123 0.0	33.3 49.9#
65 91.8	12.7 19.1#

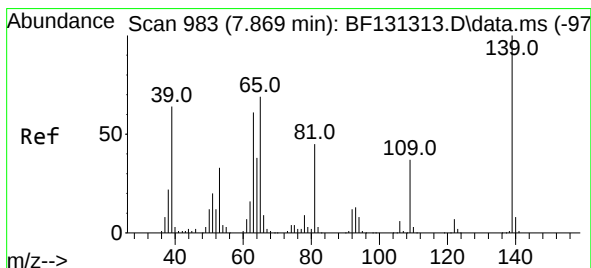
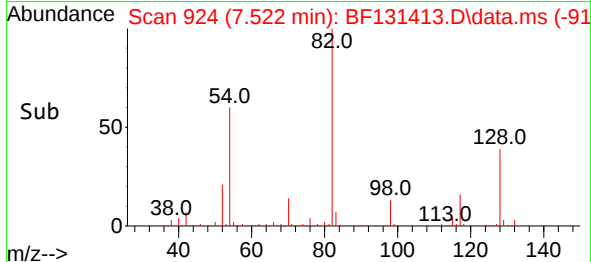
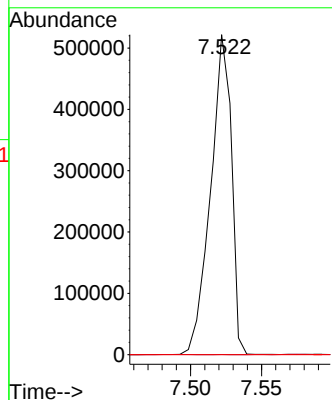
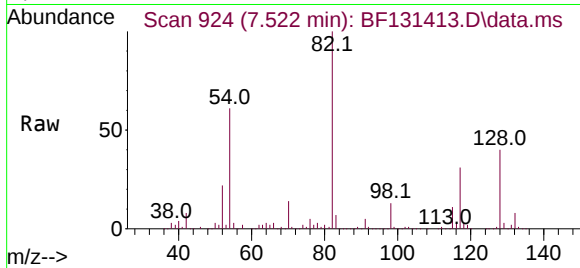




#25
Isophorone
Concen: 45.656 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

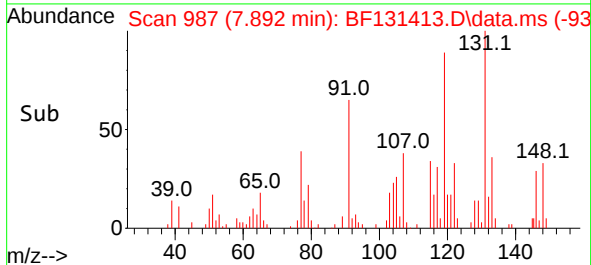
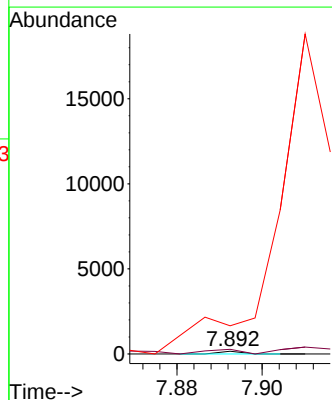
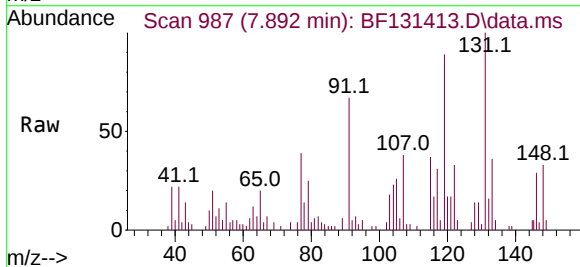
Instrument :
BNA_F
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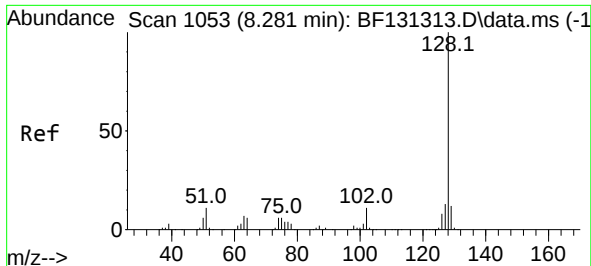
Tgt Ion: 82 Resp: 531857
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.610 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.030 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

Tgt Ion: 139 Resp: 56
Ion Ratio Lower Upper
139 100
109 172.8 29.9 44.9#
65 1050.6 55.7 83.5#

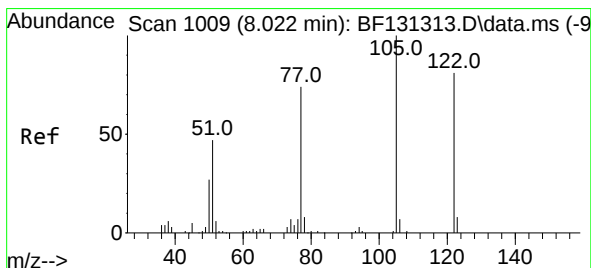
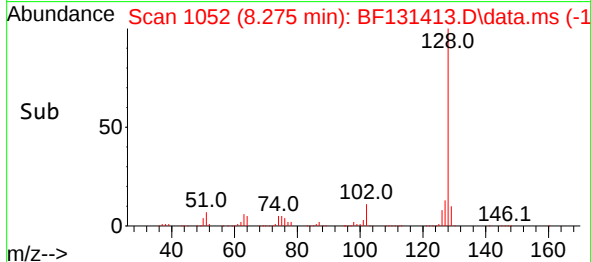
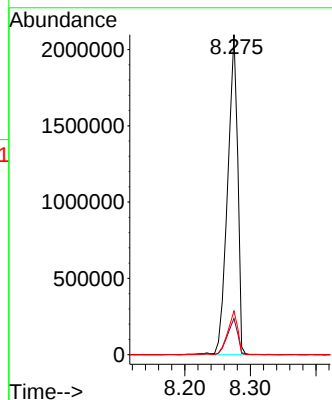
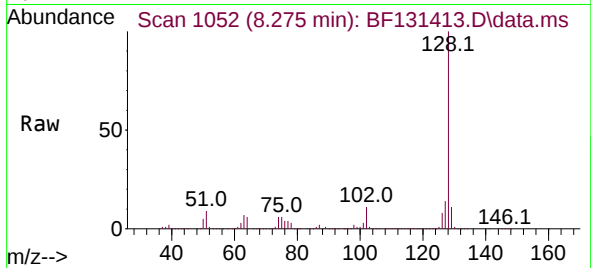




#31
Naphthalene
Concen: 127.055 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

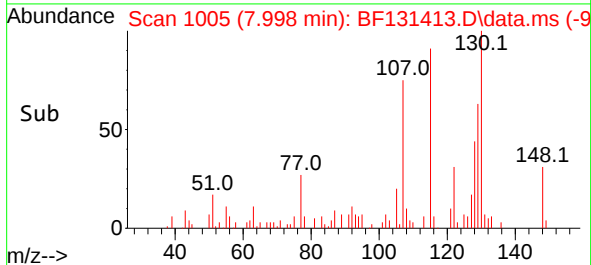
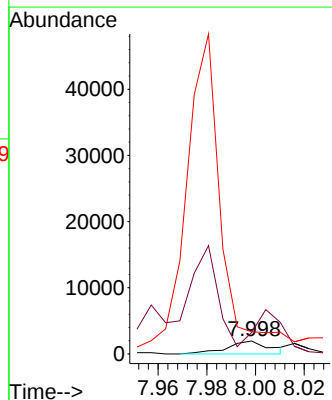
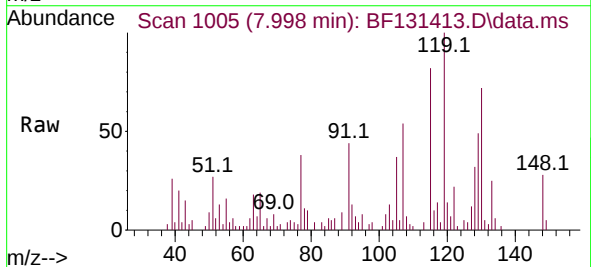
Instrument :
BNA_F
ClientSampleId :

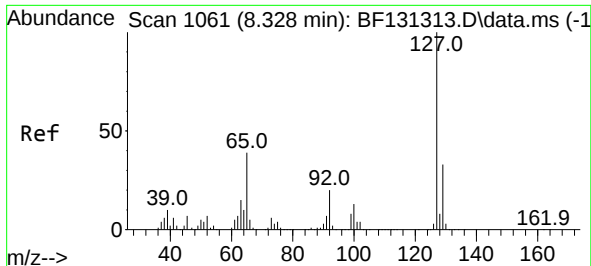
Tgt Ion:128 Resp: 2228546
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 6.116 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

Tgt Ion:122 Resp: 2370
Ion Ratio Lower Upper
122 100
105 164.6 103.8 143.8#
77 170.7 74.3 114.3#

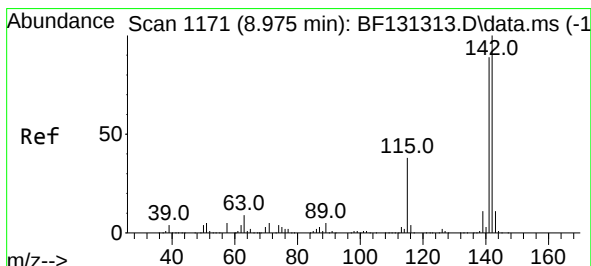
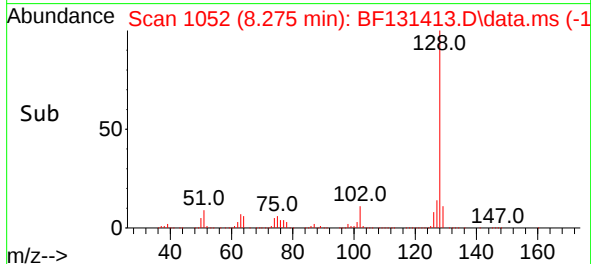
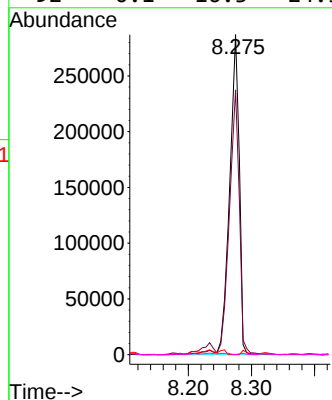
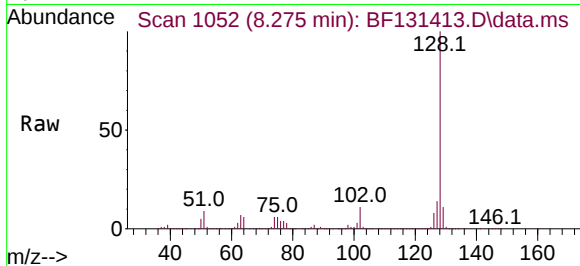




#33
4-Chloroaniline
Concen: 44.512 ng
RT: 8.275 min Scan# 1061
Delta R.T. -0.047 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

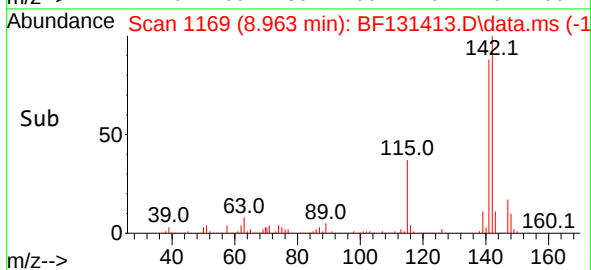
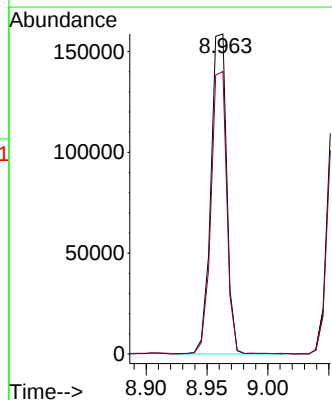
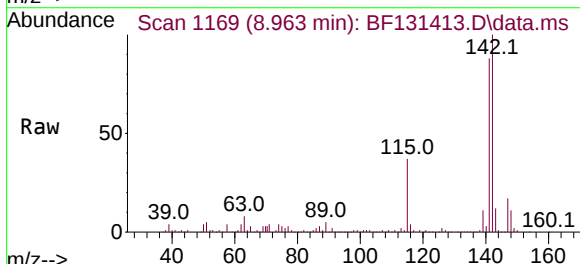
Instrument :
BNA_F
ClientSampleId :

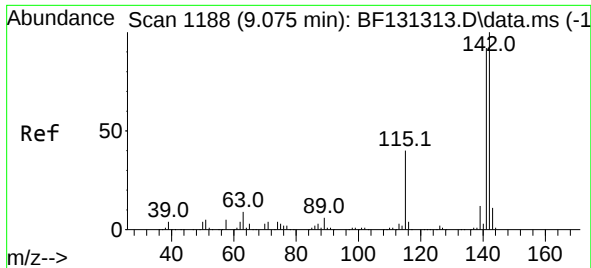
Tgt Ion:127 Resp: 308014
Ion Ratio Lower Upper
127 100
129 82.8 26.4 39.6#
65 0.0 31.0 46.6#
92 0.1 16.3 24.5#



#37
2-Methylnaphthalene
Concen: 12.090 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

Tgt Ion:142 Resp: 143683
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4

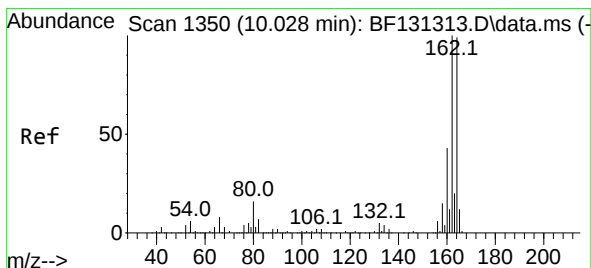
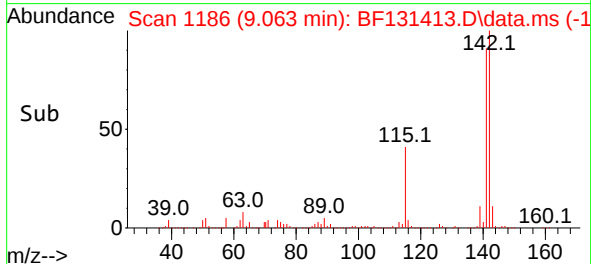
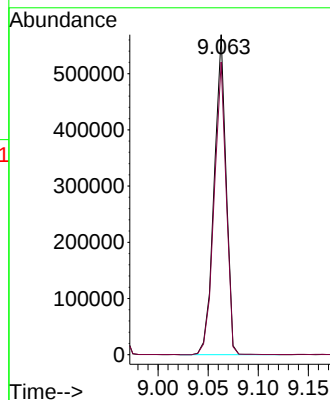
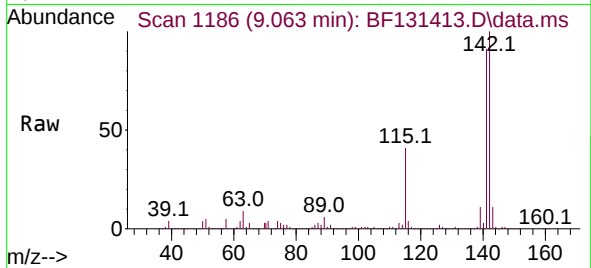




#38
1-Methylnaphthalene
Concen: 41.053 ng
RT: 9.063 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

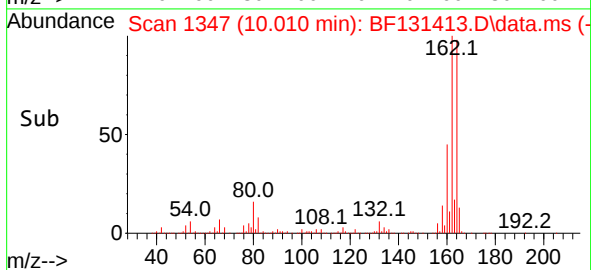
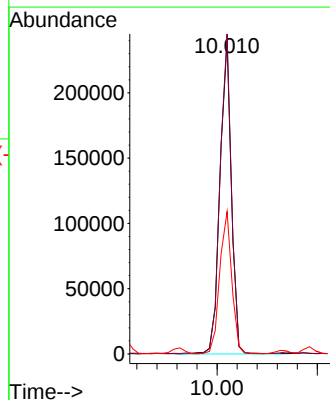
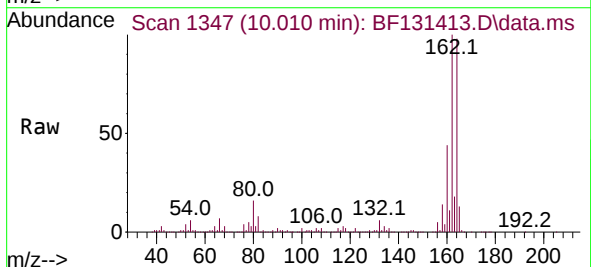
Instrument :
BNA_F
ClientSampleId :

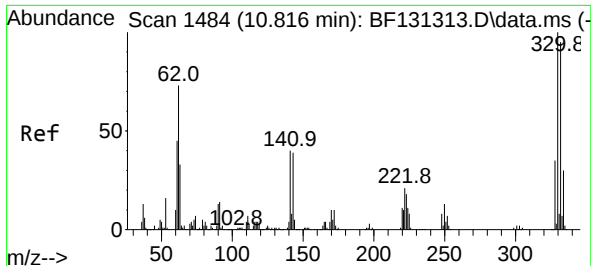
Tgt Ion:142 Resp: 473108
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

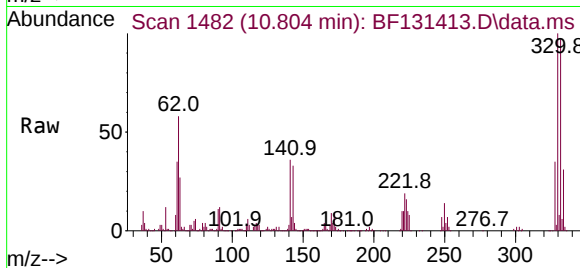
Tgt Ion:164 Resp: 189767
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 45.5 34.4 51.6



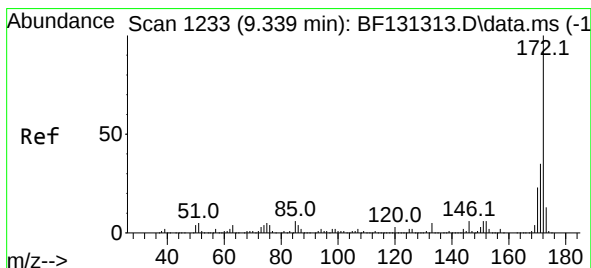
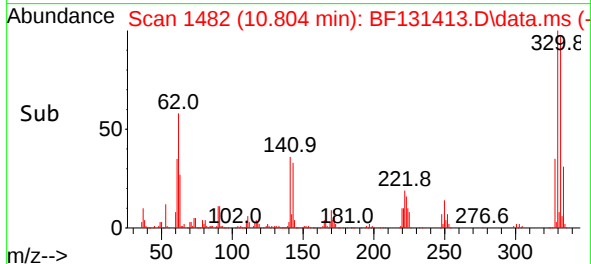
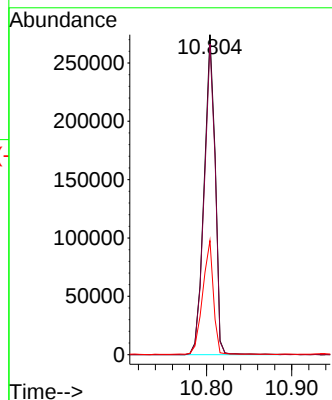


#42
2,4,6-Tribromophenol
Concen: 154.546 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

Instrument :
BNA_F
ClientSampleId :

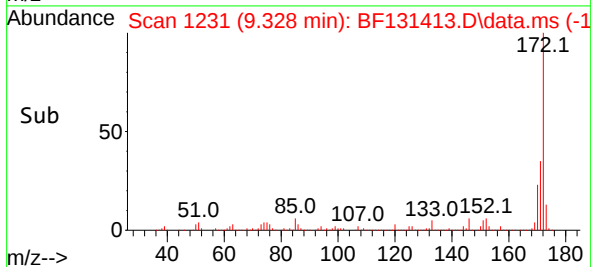
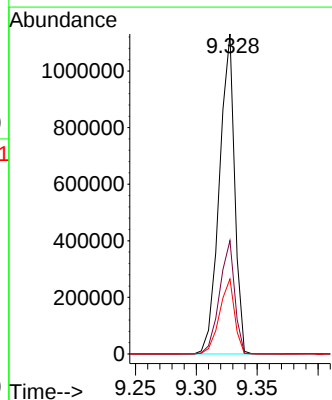
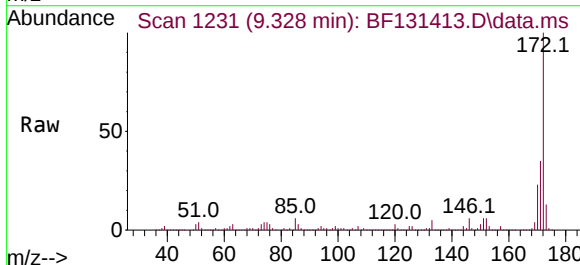


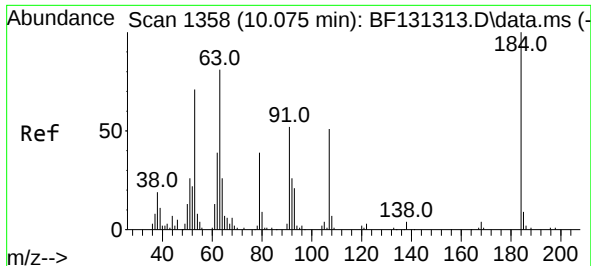
Tgt Ion:330 Resp: 246736
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 34.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 75.689 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

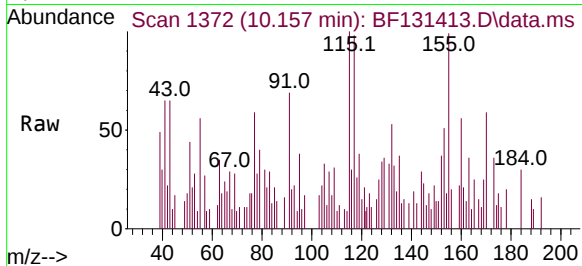
Tgt Ion:172 Resp: 987292
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 18.7 28.1



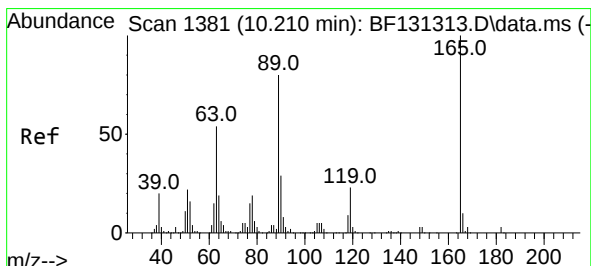
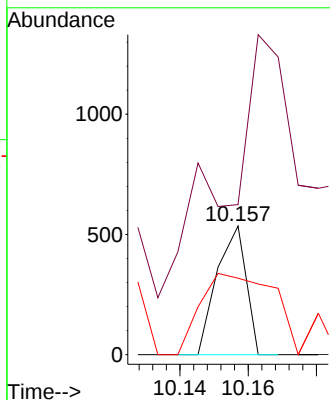
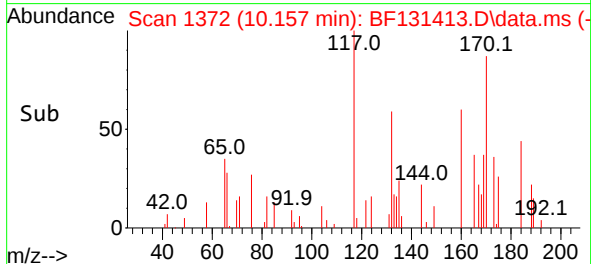


#54
2,4-Dinitrophenol
Concen: 5.276 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.083 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

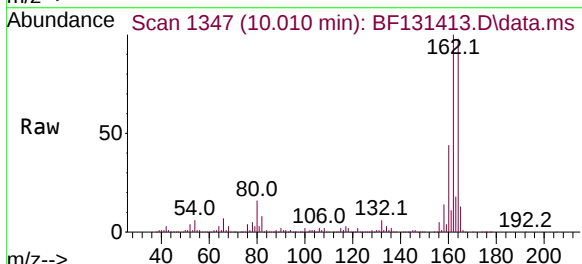
Instrument :
BNA_F
ClientSampleId :



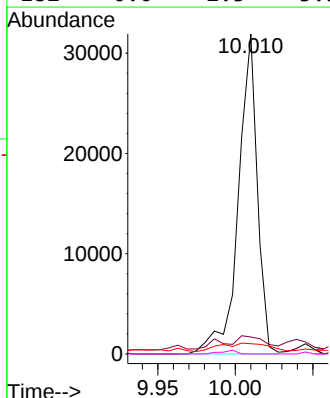
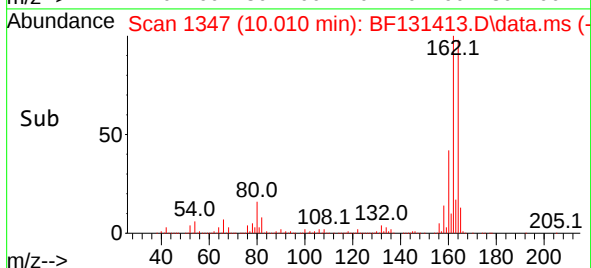
Tgt Ion:184 Resp: 317
Ion Ratio Lower Upper
184 100
63 116.6 72.1 108.1#
154 59.4 56.3 84.5

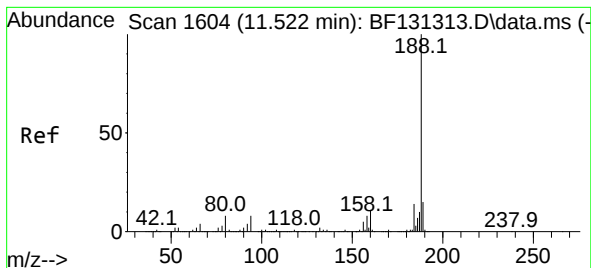


#57
2,4-Dinitrotoluene
Concen: 8.177 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.194 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32



Tgt Ion:165 Resp: 27203
Ion Ratio Lower Upper
165 100
63 5.3 43.4 65.2#
89 3.2 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131413.D

Acq: 26 Nov 2022 00:32

Instrument :

BNA_F

ClientSampleId :

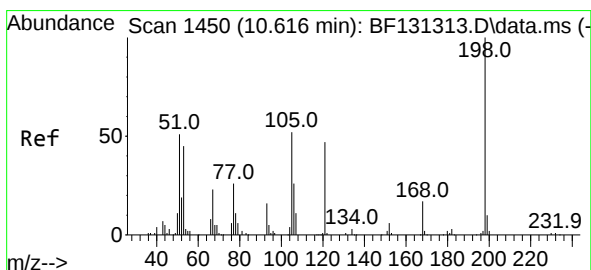
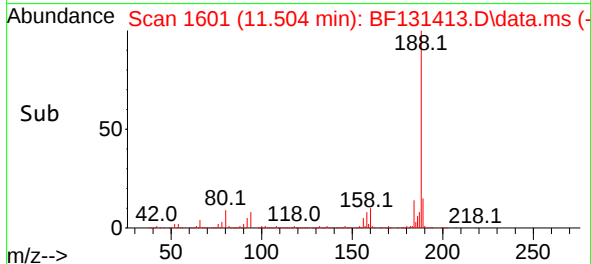
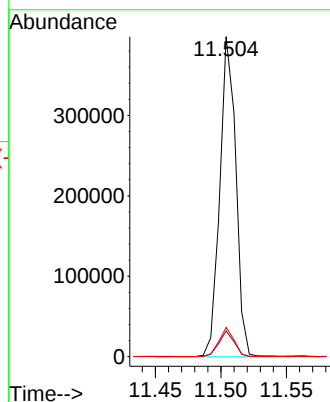
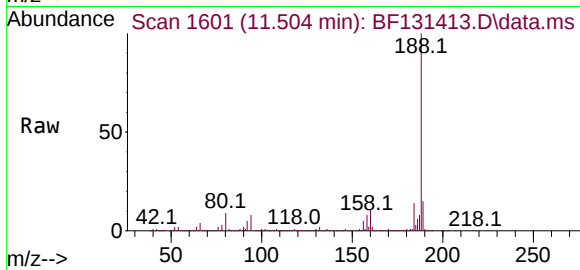
Tgt Ion:188 Resp: 337332

Ion Ratio Lower Upper

188 100

94 8.1 6.3 9.5

80 9.2 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.077 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.024 min

Lab File: BF131413.D

Acq: 26 Nov 2022 00:32

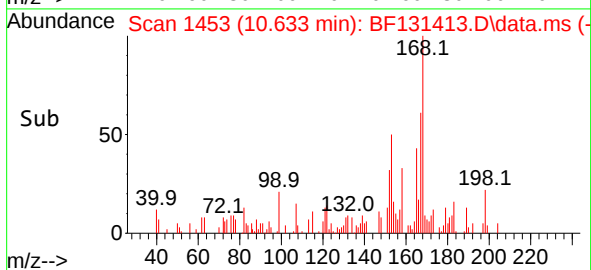
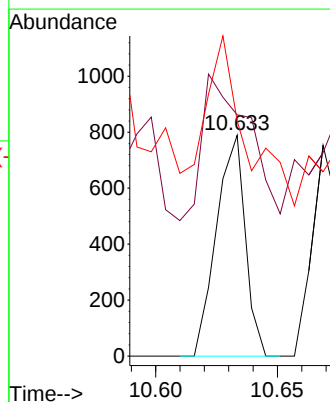
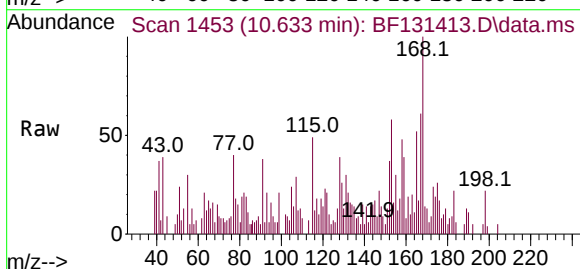
Tgt Ion:198 Resp: 650

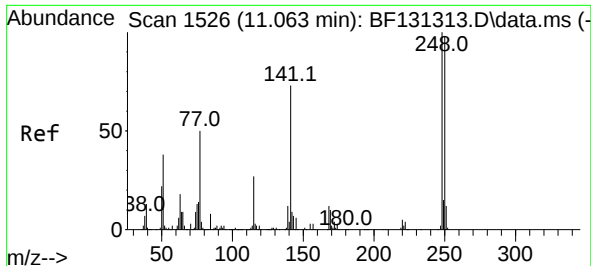
Ion Ratio Lower Upper

198 100

51 109.3 50.1 90.1#

105 106.6 32.5 72.5#

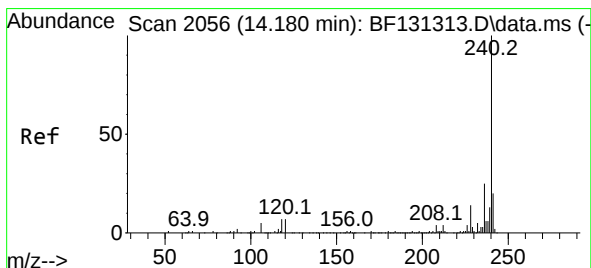
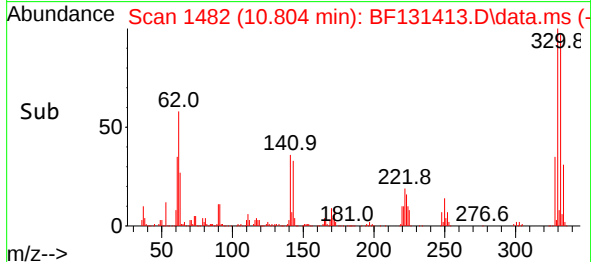
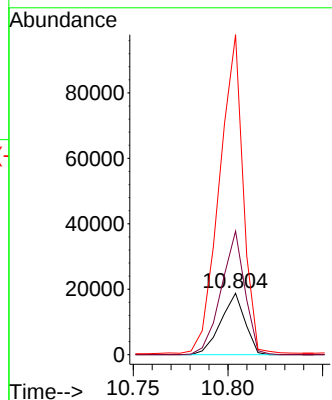
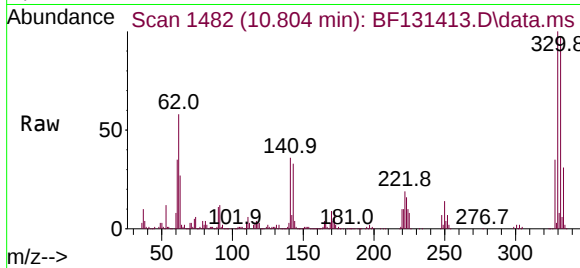




#67
4-Bromophenyl-phenylether
Concen: 4.029 ng
RT: 10.804 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

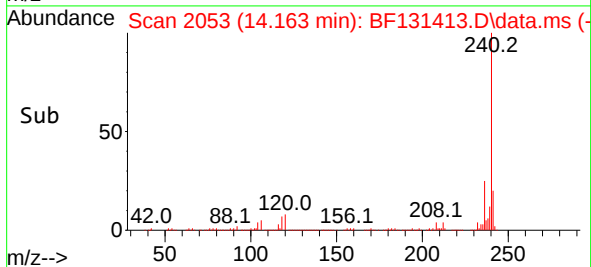
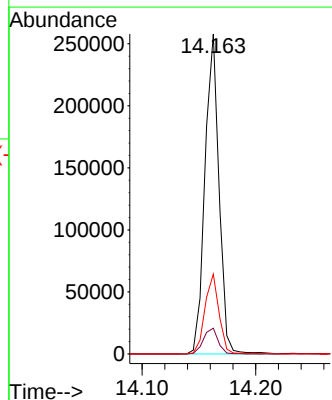
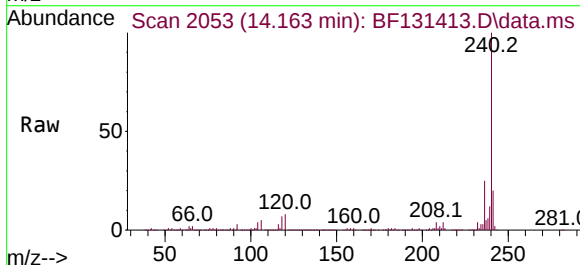
Instrument :
BNA_F
ClientSampleId :

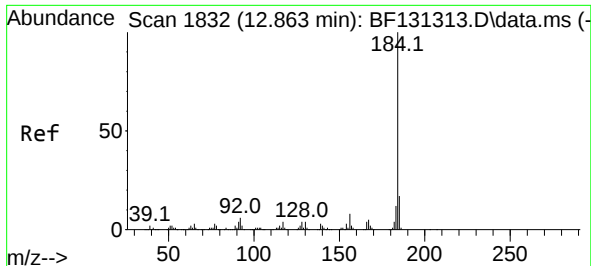
Tgt Ion:248 Resp: 16656
Ion Ratio Lower Upper
248 100
250 201.0 78.3 117.5#
141 520.9 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

Tgt Ion:240 Resp: 221777
Ion Ratio Lower Upper
240 100
120 8.0 5.8 8.8
236 25.0 20.3 30.5

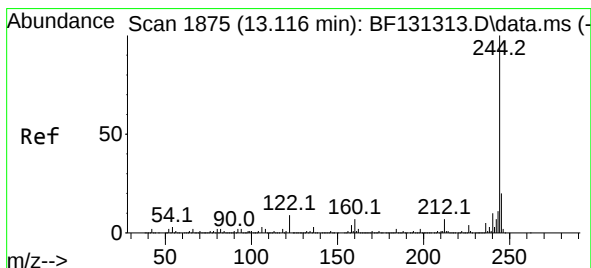
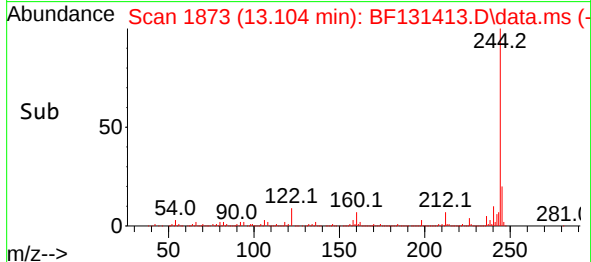
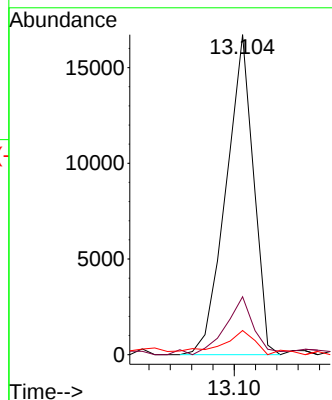
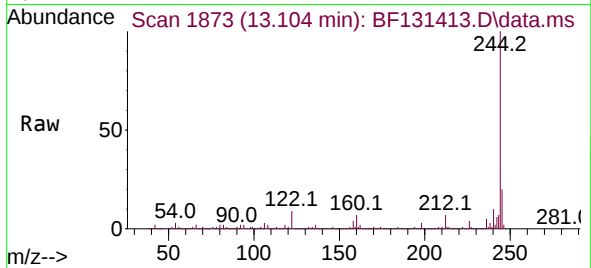




#77
Benzidine
Concen: 3.655 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

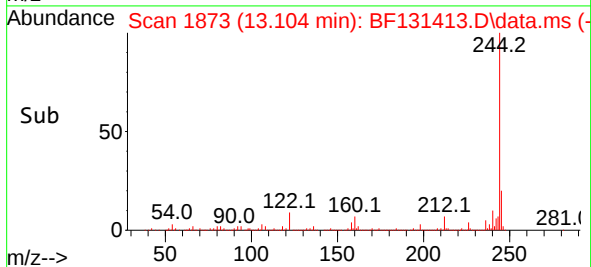
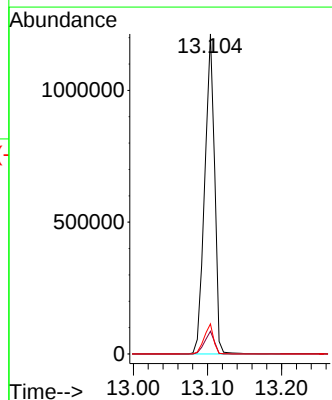
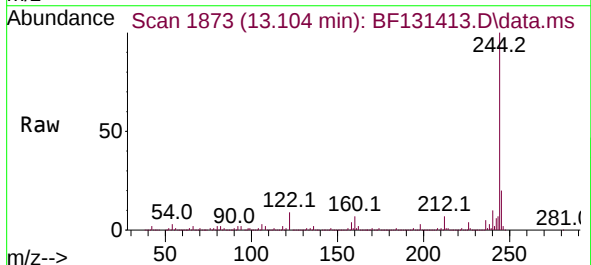
Instrument :
BNA_F
ClientSampleId :

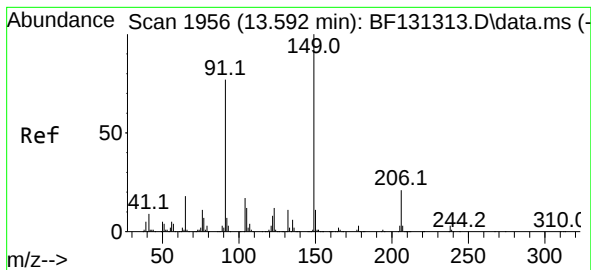
Tgt Ion:184 Resp: 14974
Ion Ratio Lower Upper
184 100
185 18.1 13.8 20.8
183 7.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 82.838 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

Tgt Ion:244 Resp: 1123463
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.4 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.243 ng

RT: 13.574 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BF131413.D

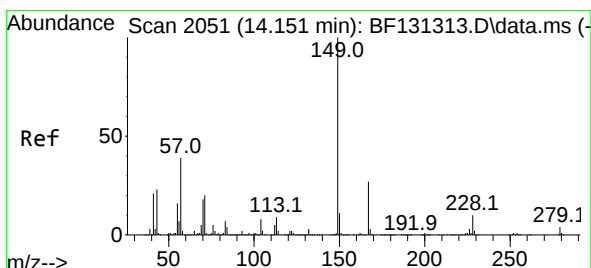
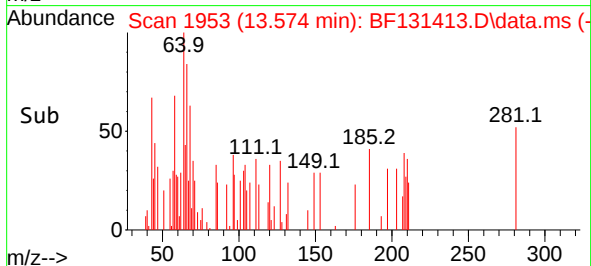
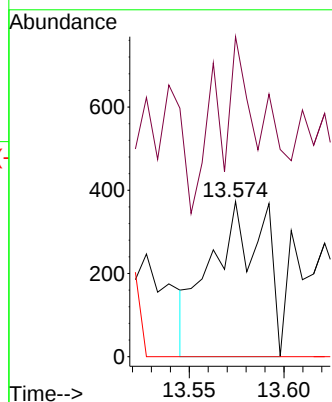
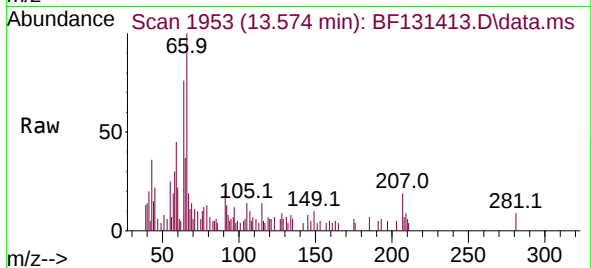
Acq: 26 Nov 2022 00:32

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	720
Ion	Ratio	Lower	Upper
149	100		
91	206.2	61.9	92.9#
206	0.0	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.851 ng

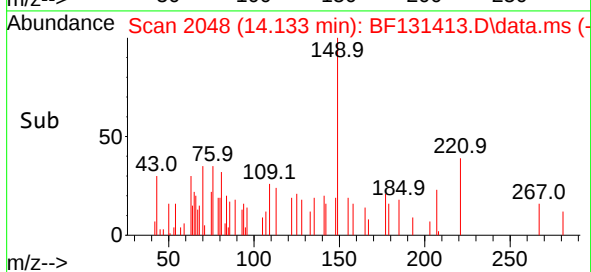
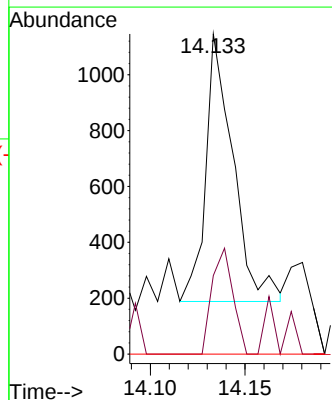
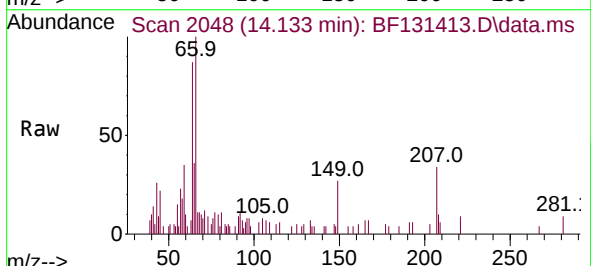
RT: 14.133 min Scan# 2048

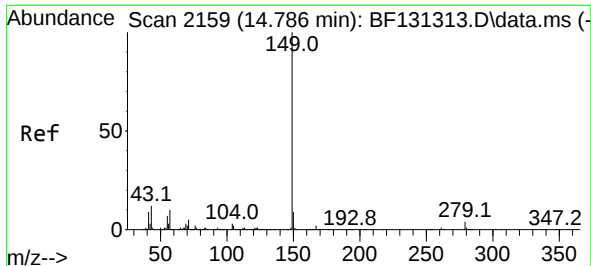
Delta R.T. -0.012 min

Lab File: BF131413.D

Acq: 26 Nov 2022 00:32

Tgt Ion:	149	Resp:	963
Ion	Ratio	Lower	Upper
149	100		
167	24.5	21.9	32.9
279	0.0	3.0	4.4#

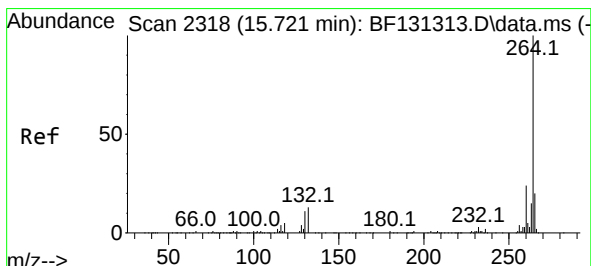
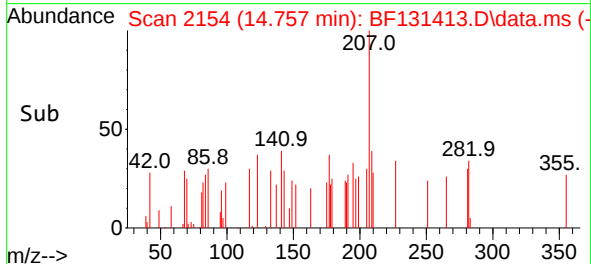
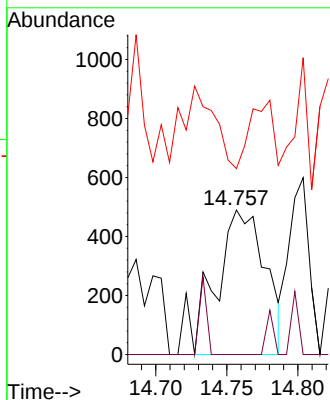
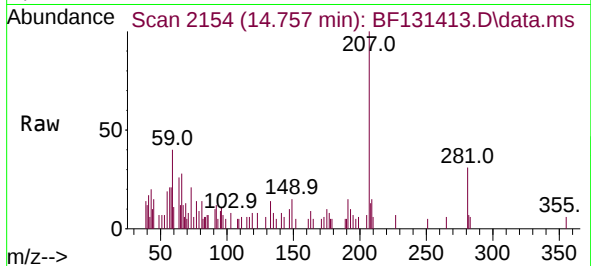




#85
Di-n-octyl phthalate
Concen: 4.014 ng
RT: 14.757 min Scan# 2159
Delta R.T. -0.017 min
Lab File: BF131413.D
Acq: 26 Nov 2022 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1222
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: BF131413.D
Acq: 26 Nov 2022 00:32

Tgt Ion:264 Resp: 192332
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.5 16.4 24.6

