

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131412.D
 Acq On : 26 Nov 2022 00:00
 Operator : CG\JU
 Sample : N5741-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 01:02:41 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)

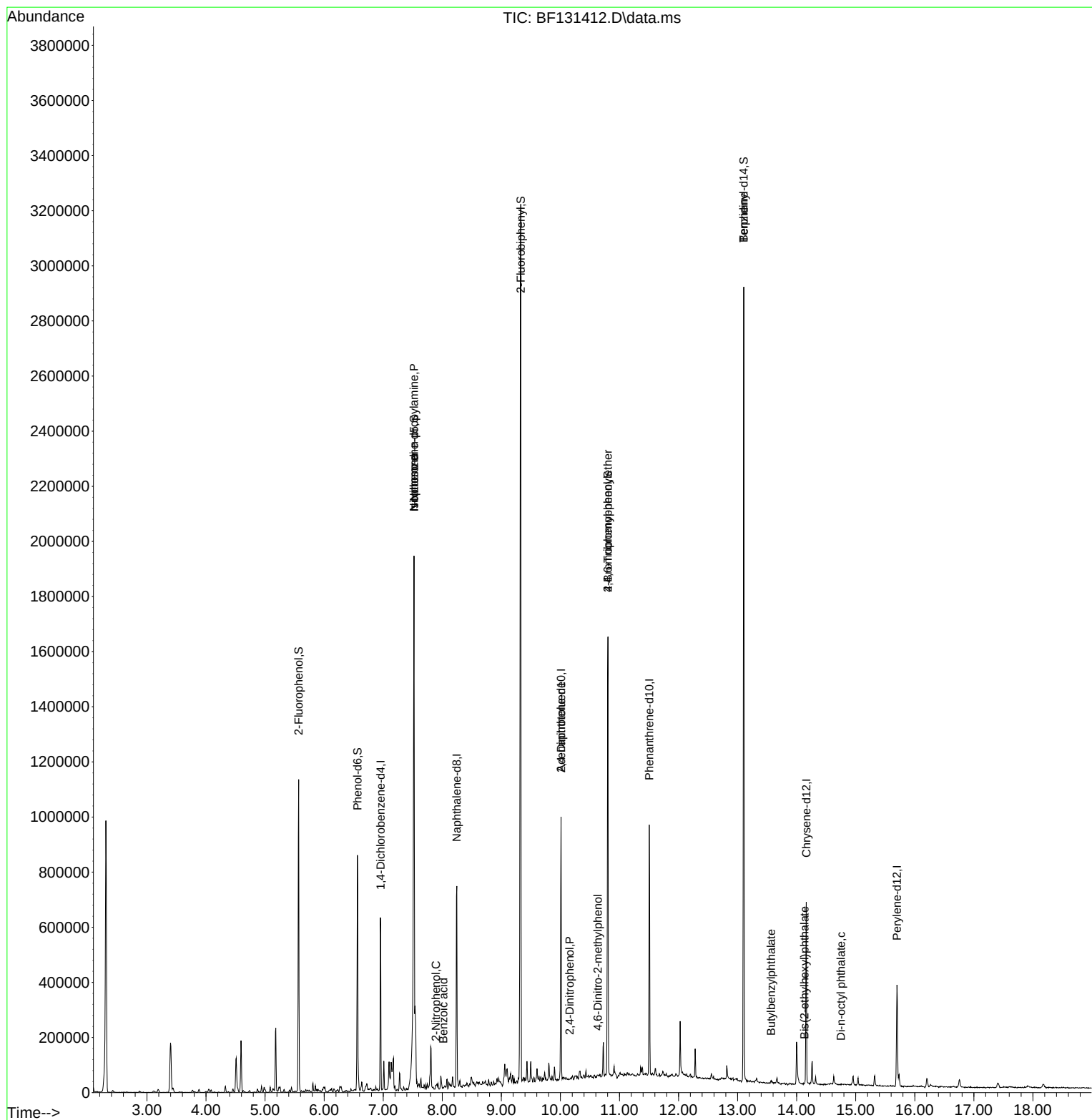
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	88627	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	320552	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	184339	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	327685	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	216343	20.000	ng	-0.01
86) Perylene-d12	15.698	264	178764	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	255978	54.970	ng	0.00
7) Phenol-d6	6.563	99	251547	42.338	ng	-0.02
23) Nitrobenzene-d5	7.522	82	559993	88.062	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	181408	116.973	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1025656	80.946	ng	0.00
79) Terphenyl-d14	13.104	244	980439	74.108	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	327	Below Cal	#	30
19) n-Nitroso-di-n-propyla...	7.522	70	82524	18.973	ng	# 76
25) Isophorone	7.522	82	555603	48.973	ng	# 68
26) 2-Nitrophenol	7.892	139	56	3.611	ng	# 7
32) Benzoic acid	8.016	122	116	5.176	ng	# 66
54) 2,4-Dinitrophenol	10.157	184	350	5.329	ng	# 43
57) 2,4-Dinitrotoluene	10.010	165	23948	7.410	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.633	198	312	4.822	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	12048	3.000	ng	# 1
77) Benzidine	13.104	184	13539	3.388	ng	# 94
80) Butylbenzylphthalate	13.569	149	613	4.231	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.133	149	1688	3.931	ng	# 92
85) Di-n-octyl phthalate	14.751	149	381	3.937	ng	# 1

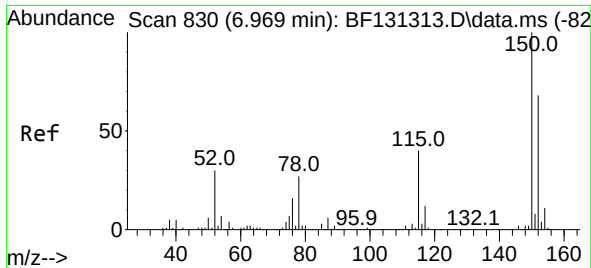
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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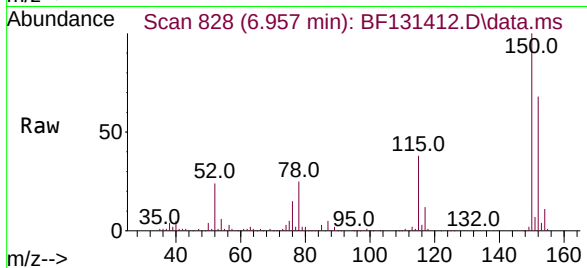
Quant Time: Nov 26 01:02:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
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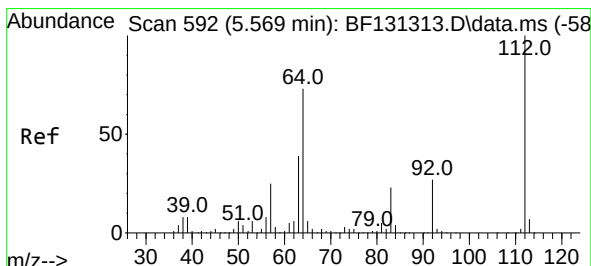
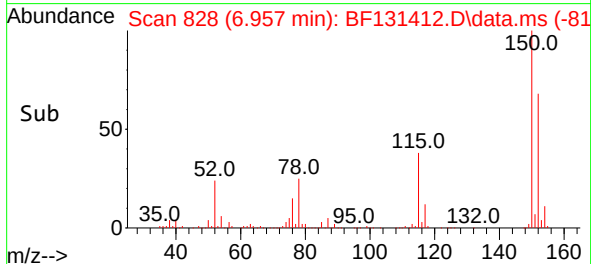
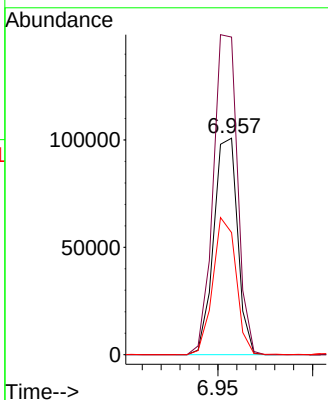


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131412.D
 Acq: 26 Nov 2022 00:00

Instrument :
 BNA_F
 ClientSampleId :

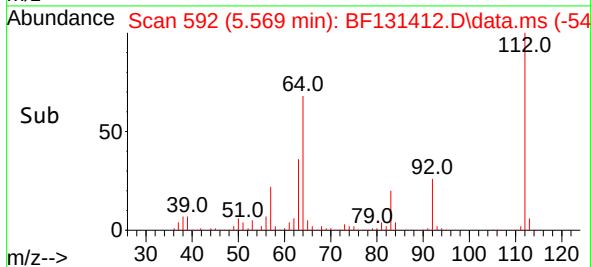
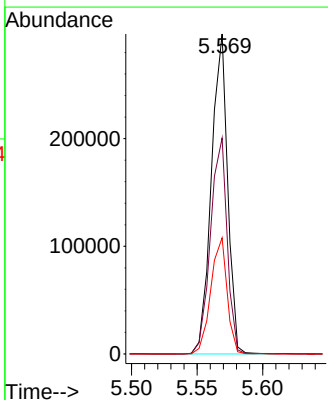
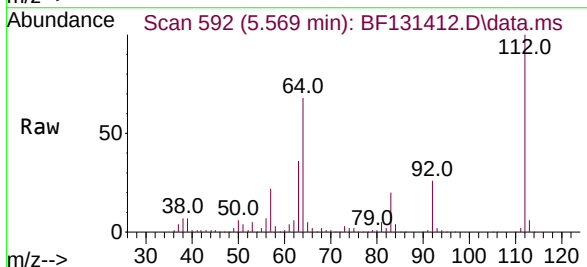


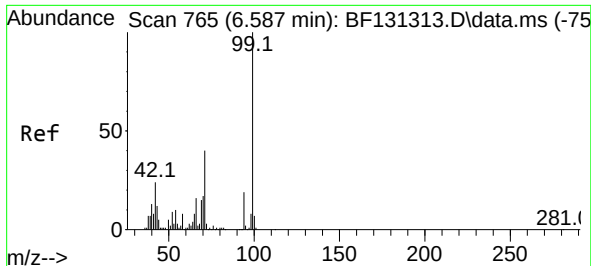
Tgt Ion:152 Resp: 88627
 Ion Ratio Lower Upper
 152 100
 150 146.7 117.8 176.8
 115 56.4 47.1 70.7



#5
 2-Fluorophenol
 Concen: 54.970 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.006 min
 Lab File: BF131412.D
 Acq: 26 Nov 2022 00:00

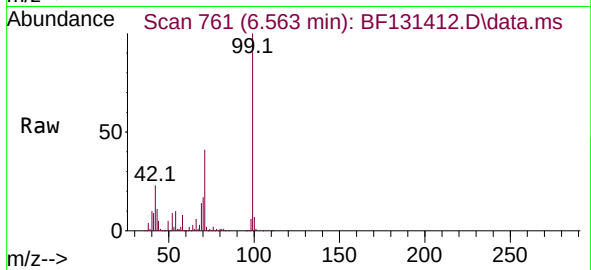
Tgt Ion:112 Resp: 255978
 Ion Ratio Lower Upper
 112 100
 64 67.5 58.6 88.0
 63 36.3 31.4 47.0



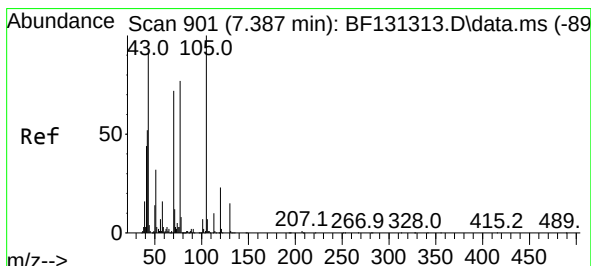
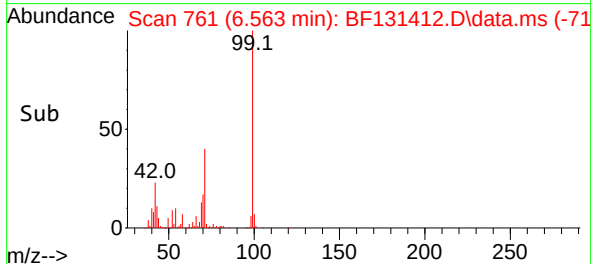
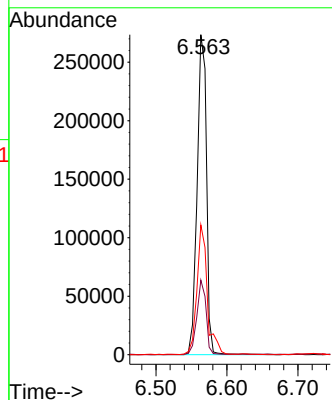


#7
Phenol-d6
Concen: 42.338 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

Instrument :
BNA_F
ClientSampleId :

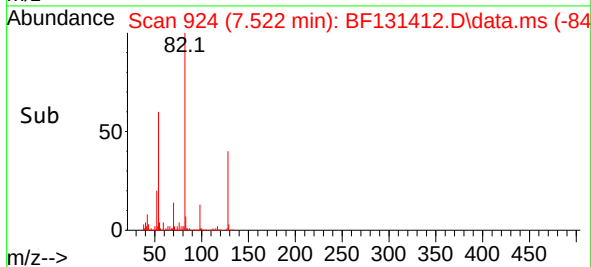
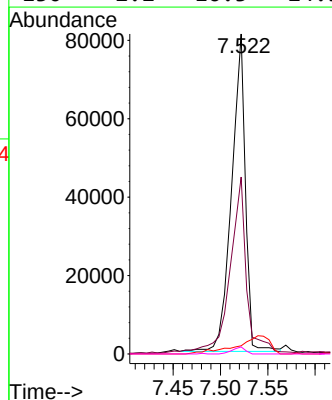
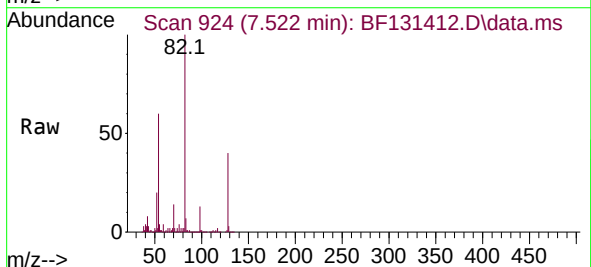


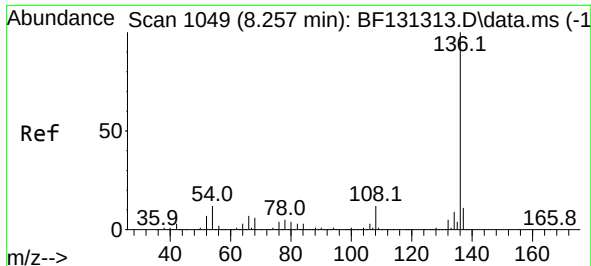
Tgt Ion: 99 Resp: 251547
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.2
71 40.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.973 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

Tgt Ion: 70 Resp: 82524
Ion Ratio Lower Upper
70 100
42 55.3 57.6 86.4#
101 2.5 8.2 12.2#
130 2.2 16.3 24.5#



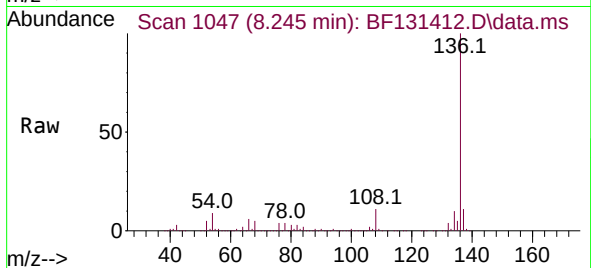


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

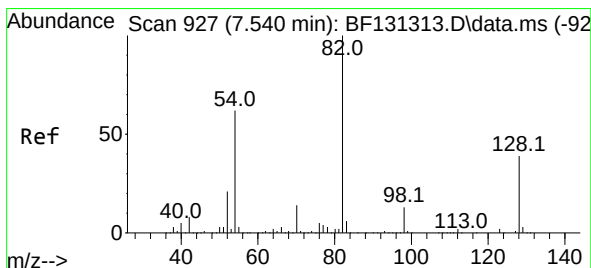
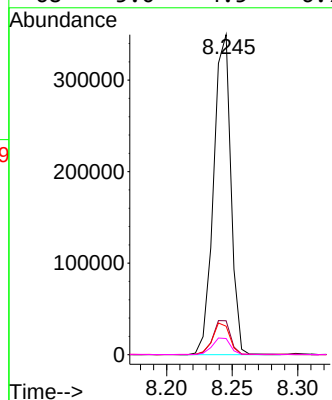
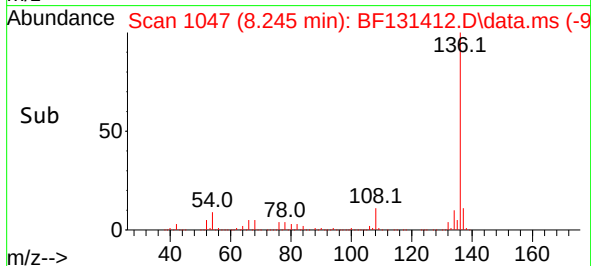
Instrument :

BNA_F

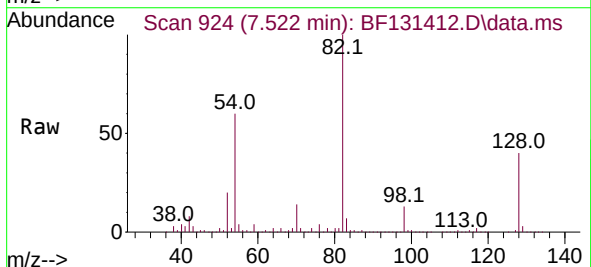
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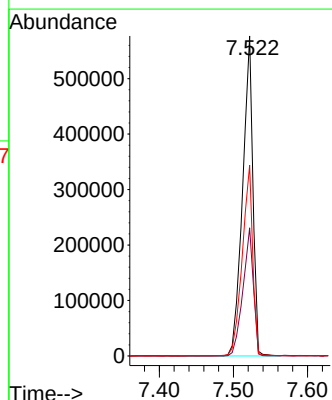
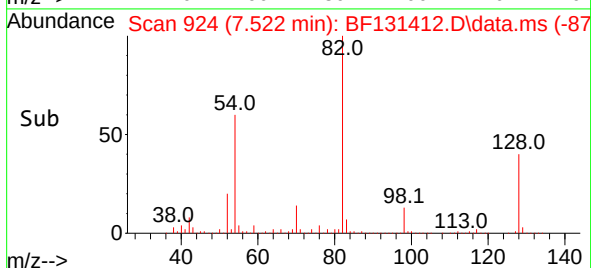
Tgt Ion:	136	Resp:	320552
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	8.9	9.4	14.0
68	5.0	4.5	6.7

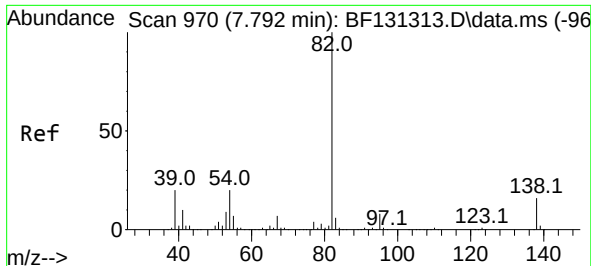


#23
Nitrobenzene-d5
Concen: 88.062 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00



Tgt Ion:	82	Resp:	559993
Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.4	47.0
54	59.7	49.8	74.6

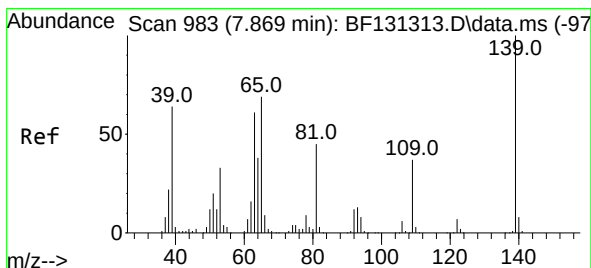
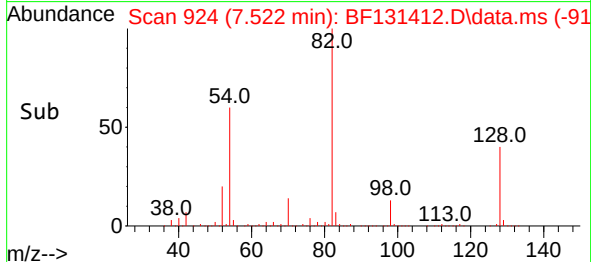
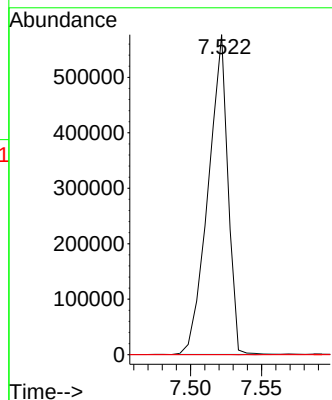
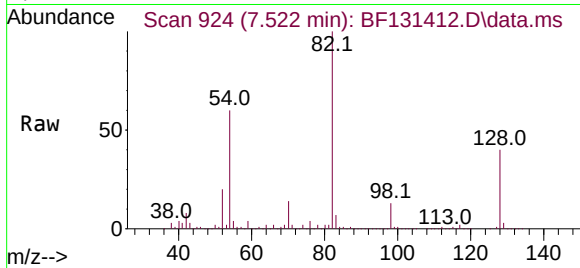




#25
Isophorone
Concen: 48.973 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

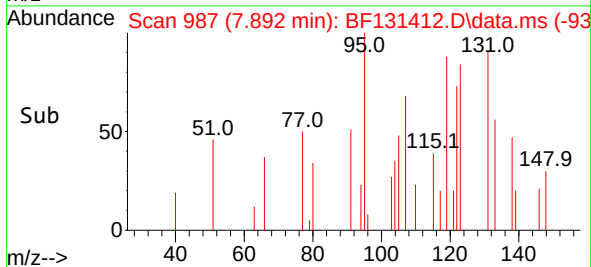
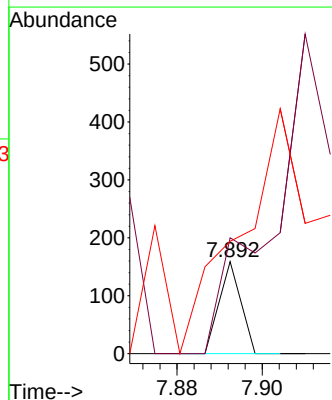
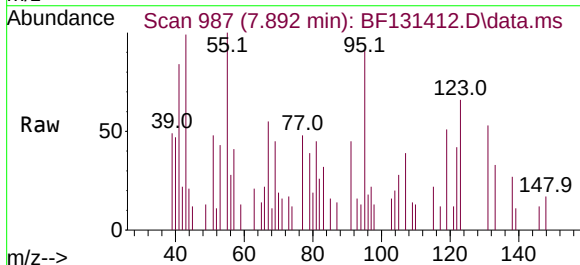
Instrument :
BNA_F
ClientSampleId :

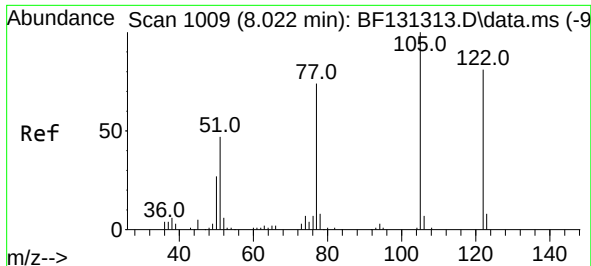
Tgt Ion: 82 Resp: 555603
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.611 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.030 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

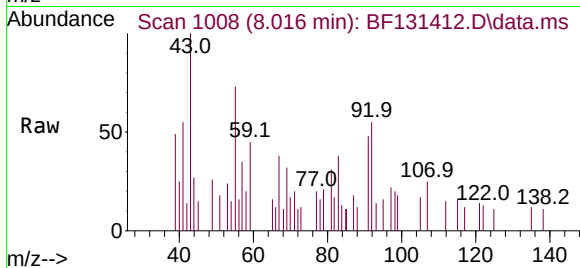
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 125.8 29.9 44.9#
65 122.0 55.7 83.5#



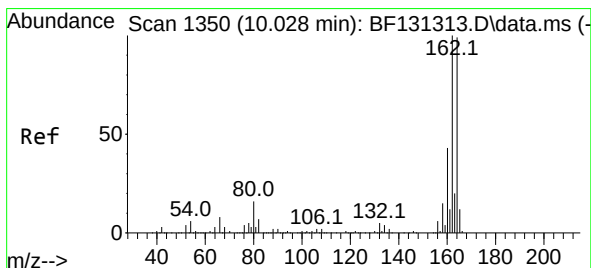
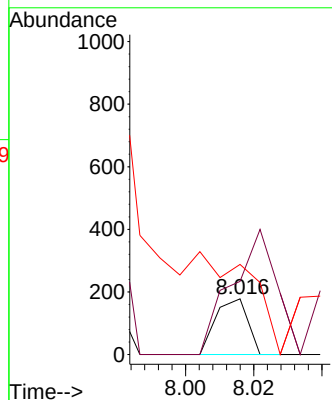
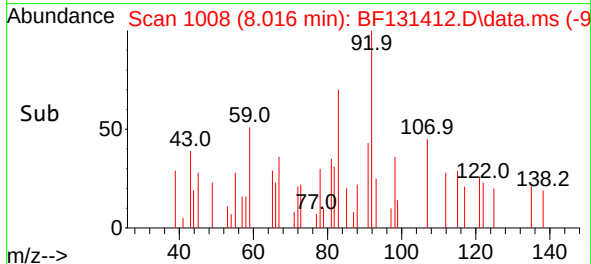


#32
Benzoic acid
Concen: 5.176 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

Instrument :
BNA_F
ClientSampleId :

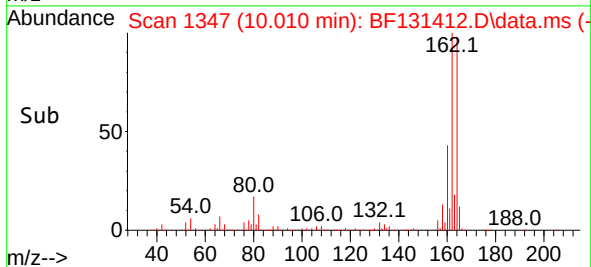
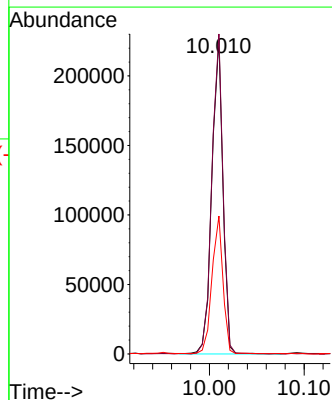
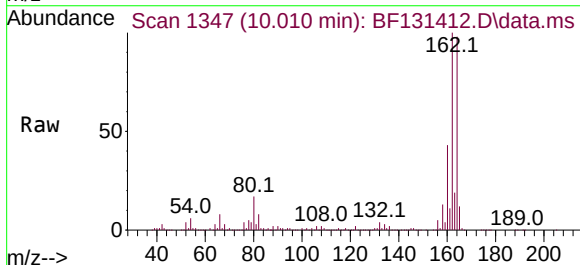


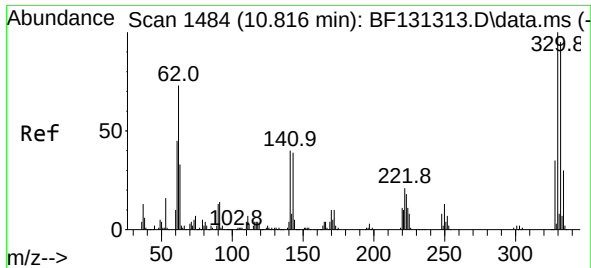
Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 131.5 103.8 143.8
77 161.8 74.3 114.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

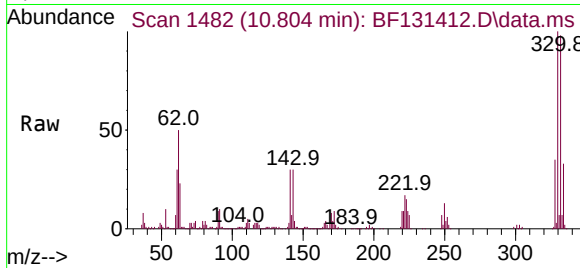
Tgt Ion:164 Resp: 184339
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 43.8 34.4 51.6



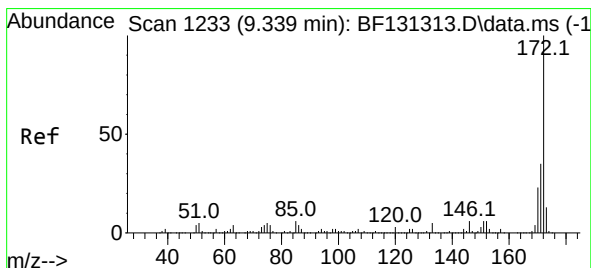
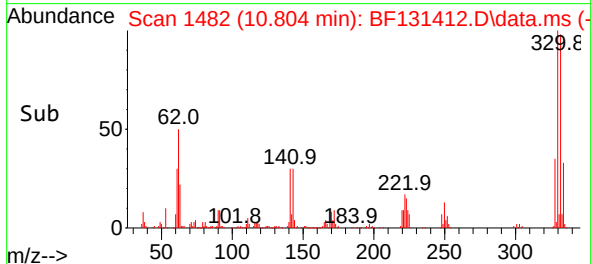
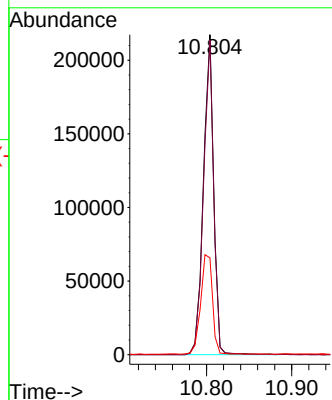


#42
2,4,6-Tribromophenol
Concen: 116.973 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

Instrument :
BNA_F
ClientSampleId :

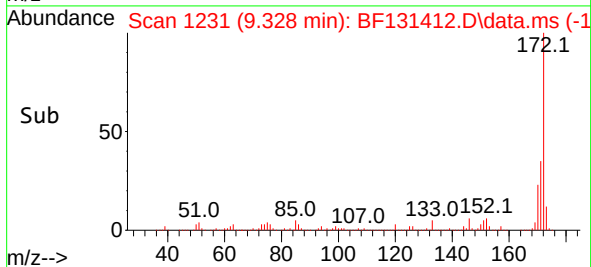
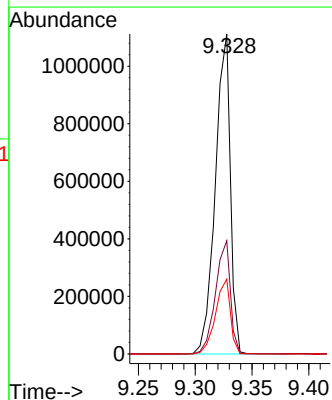
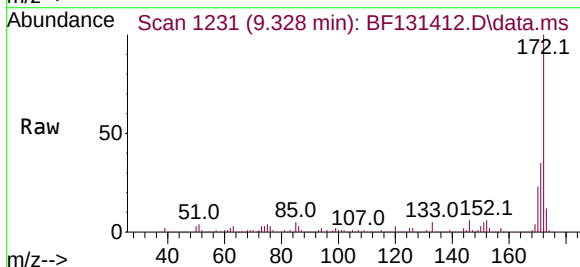


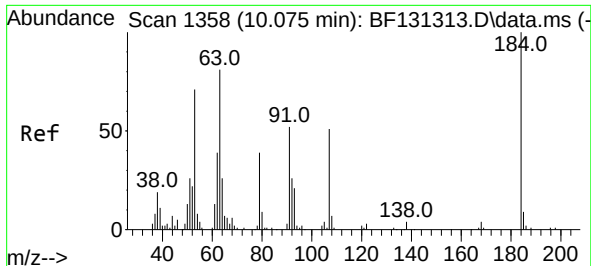
Tgt Ion: 330 Resp: 181408
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 35.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 80.946 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

Tgt Ion: 172 Resp: 1025656
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.4 18.7 28.1

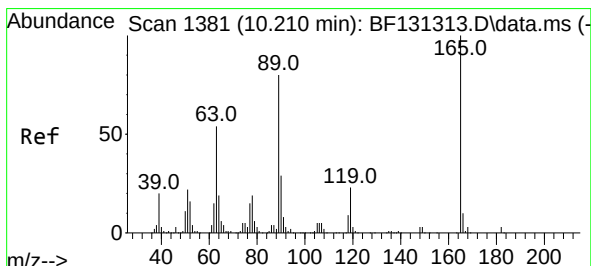
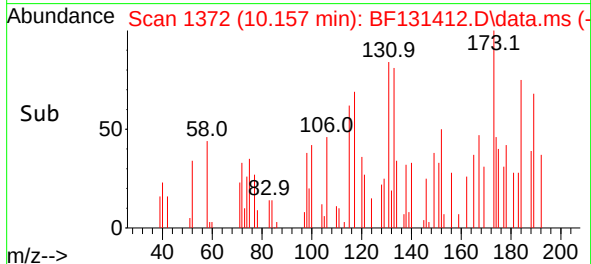
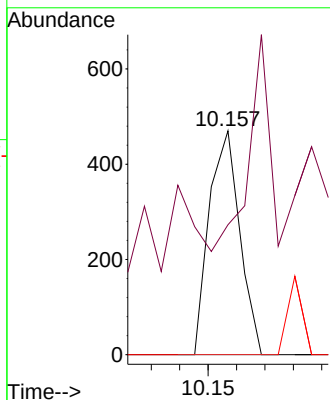
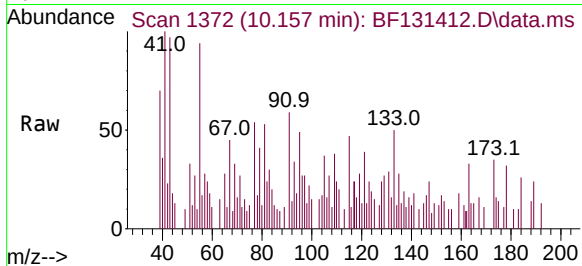




#54
2,4-Dinitrophenol
Concen: 5.329 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.083 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

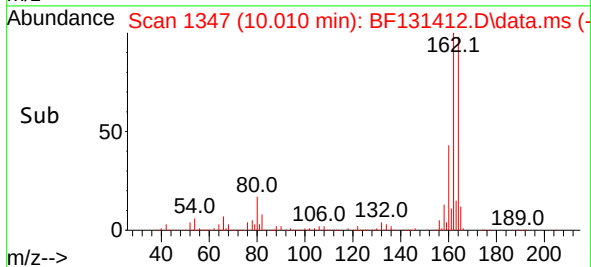
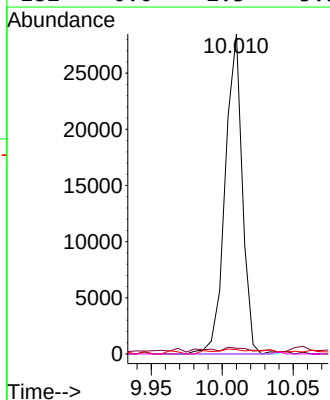
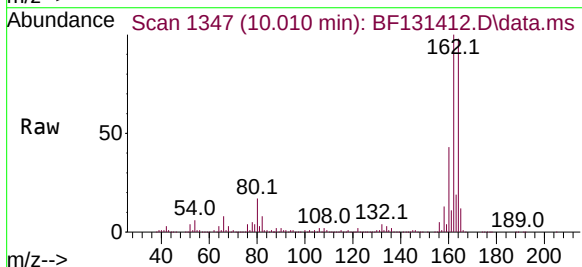
Instrument :
BNA_F
ClientSampleId :

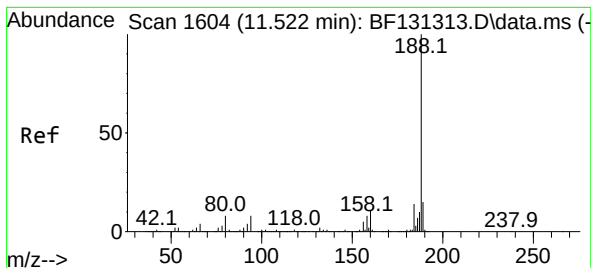
Tgt Ion:184 Resp: 350
Ion Ratio Lower Upper
184 100
63 58.1 72.1 108.1#
154 0.0 56.3 84.5#



#57
2,4-Dinitrotoluene
Concen: 7.410 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.194 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

Tgt Ion:165 Resp: 23948
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.2#
89 1.4 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131412.D

Acq: 26 Nov 2022 00:00

Instrument :

BNA_F

ClientSampleId :

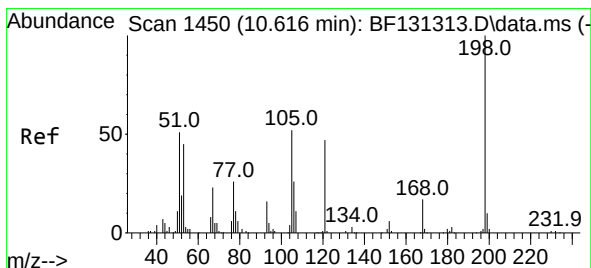
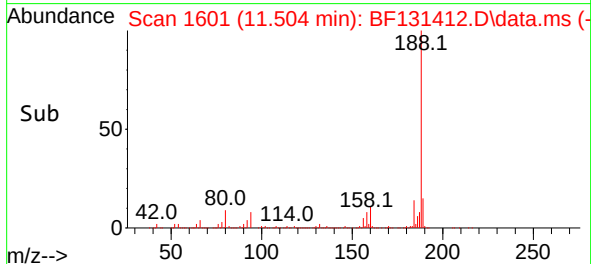
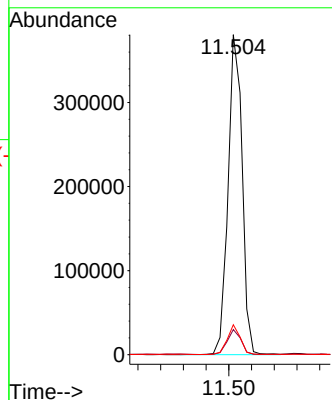
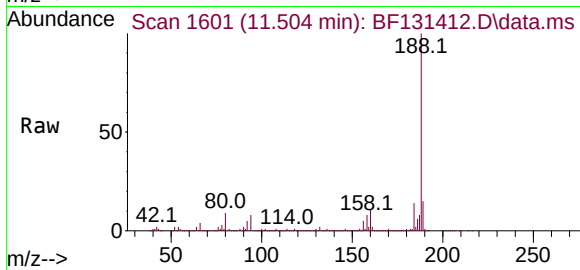
Tgt Ion:188 Resp: 327685

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

80 9.3 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.822 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.024 min

Lab File: BF131412.D

Acq: 26 Nov 2022 00:00

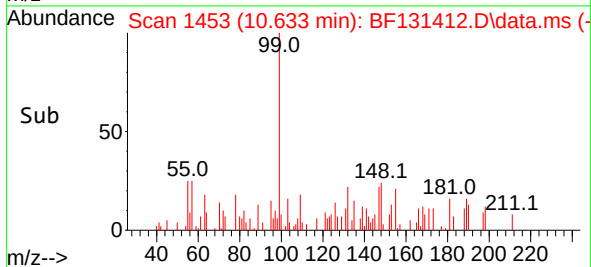
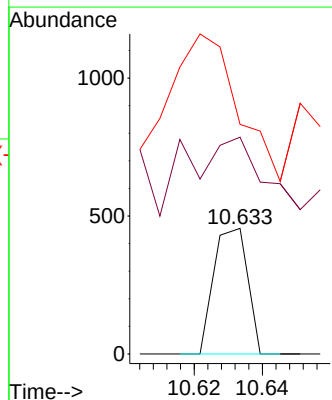
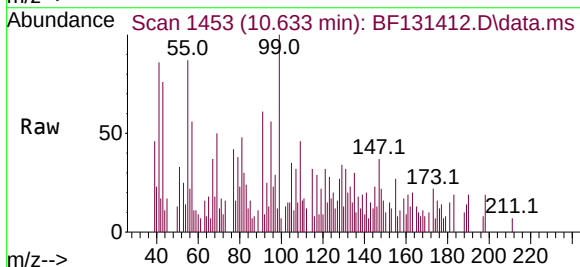
Tgt Ion:198 Resp: 312

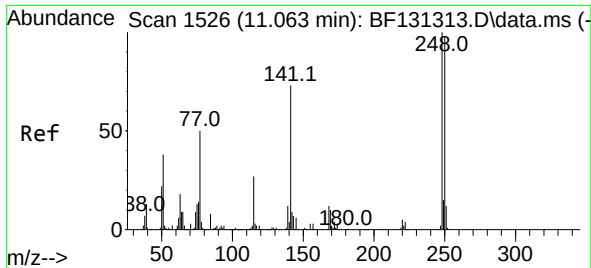
Ion Ratio Lower Upper

198 100

51 172.7 50.1 90.1#

105 182.9 32.5 72.5#

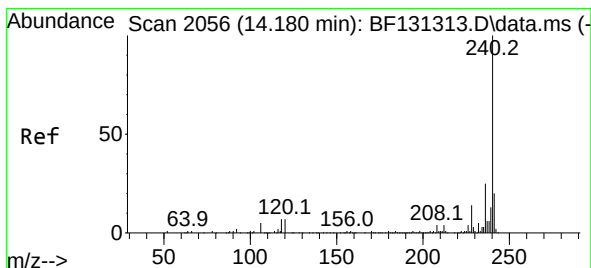
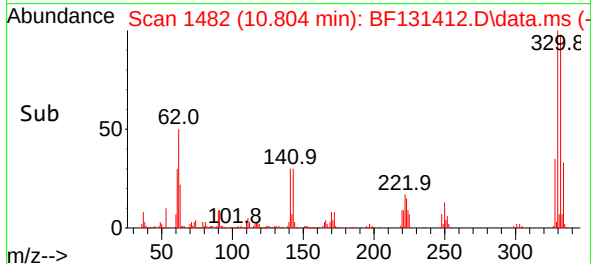
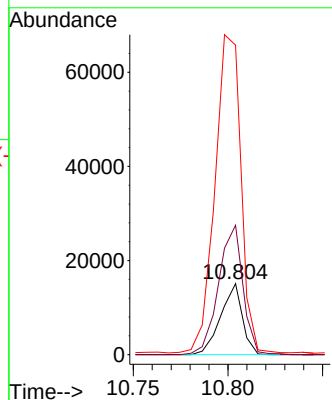
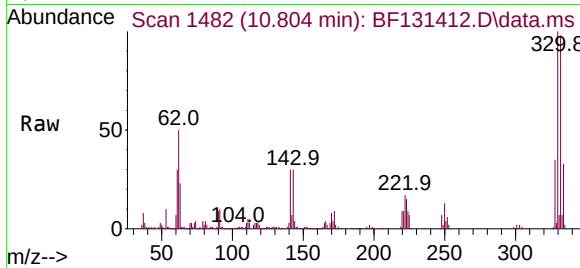




#67
4-Bromophenyl-phenylether
Concen: 3.000 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

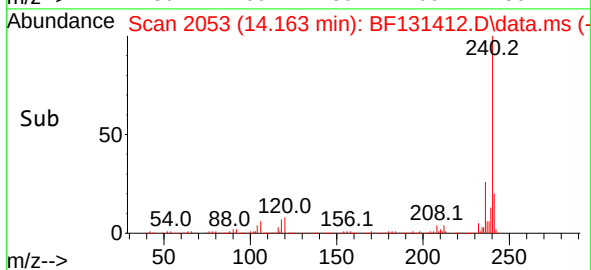
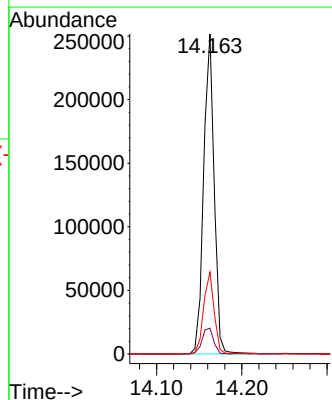
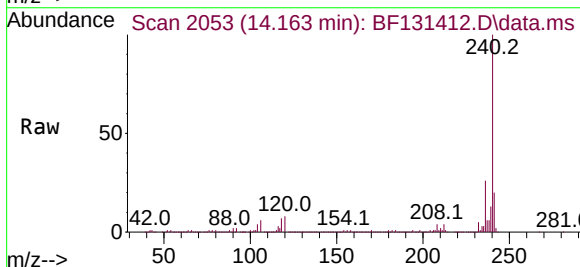
Instrument :
BNA_F
ClientSampleId :

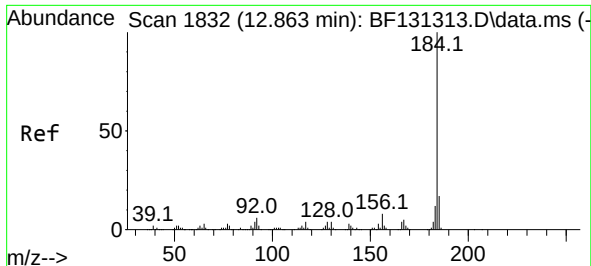
Tgt Ion:248 Resp: 12048
Ion Ratio Lower Upper
248 100
250 182.3 78.3 117.5#
141 436.0 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

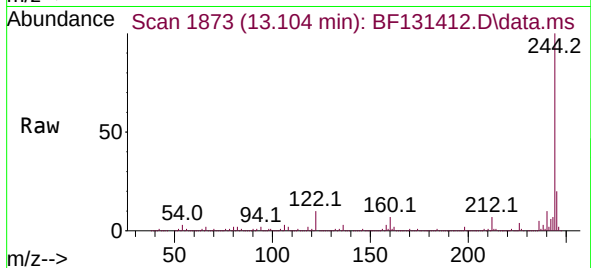
Tgt Ion:240 Resp: 216343
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 25.6 20.3 30.5



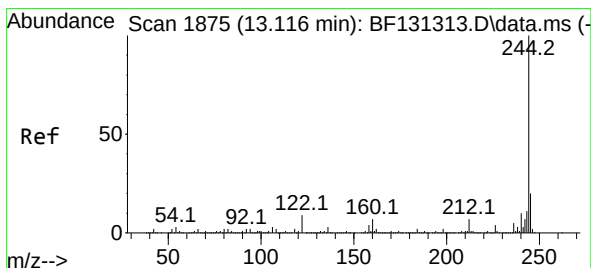
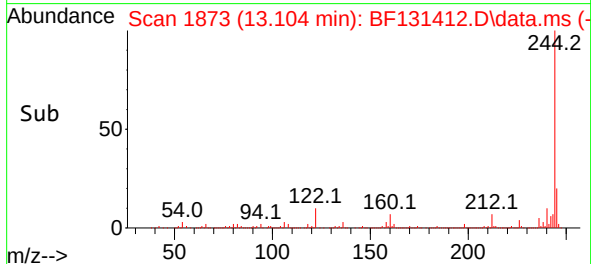
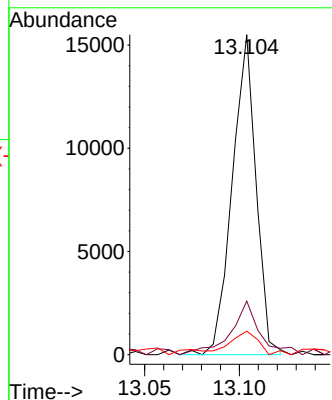


#77
Benzidine
Concen: 3.388 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

Instrument :
BNA_F
ClientSampleId :

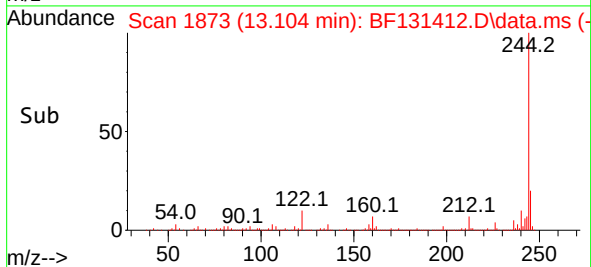
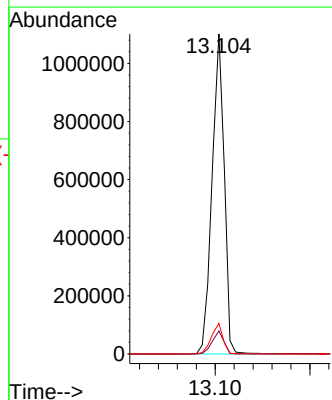
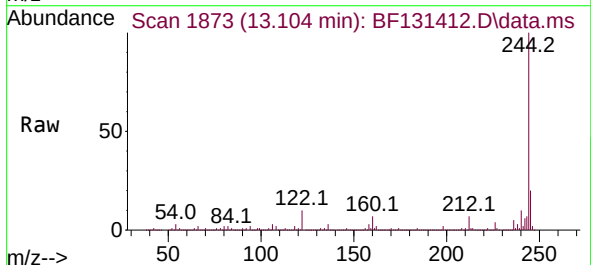


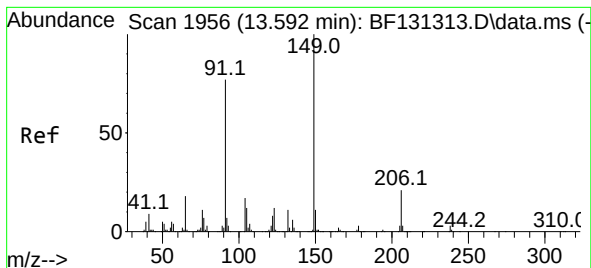
Tgt Ion:184 Resp: 13539
Ion Ratio Lower Upper
184 100
185 16.8 13.8 20.8
183 7.3 9.6 14.4#



#79
Terphenyl-d14
Concen: 74.108 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BF131412.D
Acq: 26 Nov 2022 00:00

Tgt Ion:244 Resp: 980439
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.6 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.231 ng

RT: 13.569 min Scan# 1956

Delta R.T. -0.017 min

Lab File: BF131412.D

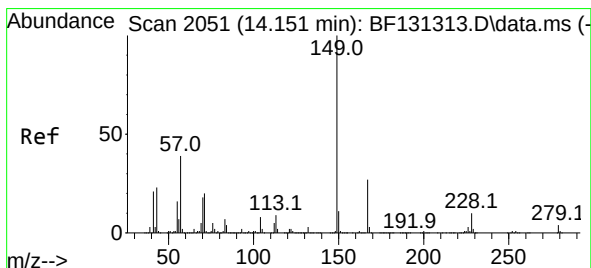
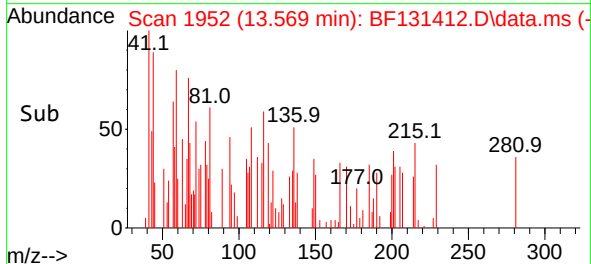
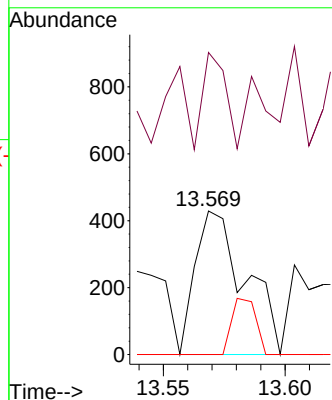
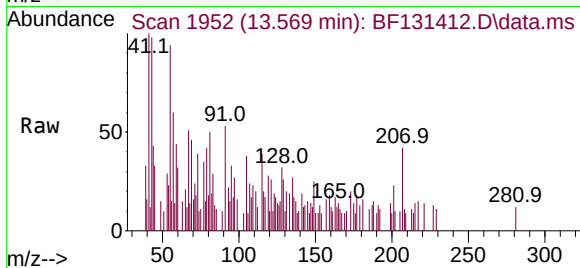
Acq: 26 Nov 2022 00:00

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:149	Resp:	613
Ion	Ratio	Lower Upper
149	100	
91	210.5	61.9 92.9#
206	0.0	16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.931 ng

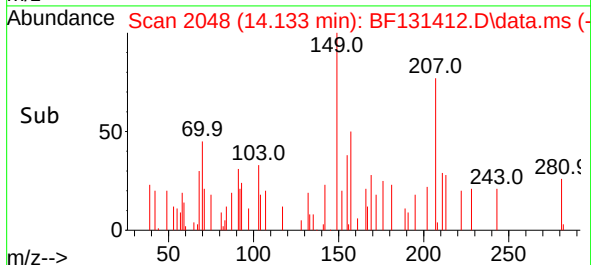
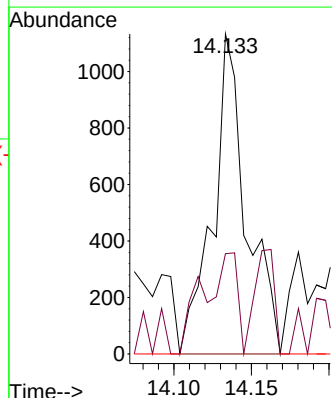
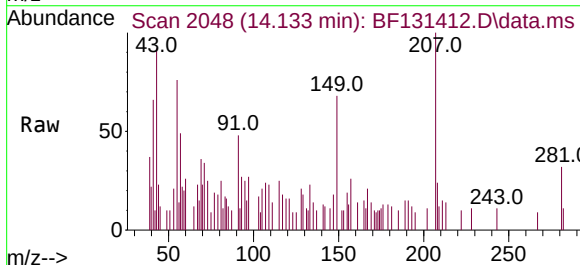
RT: 14.133 min Scan# 2048

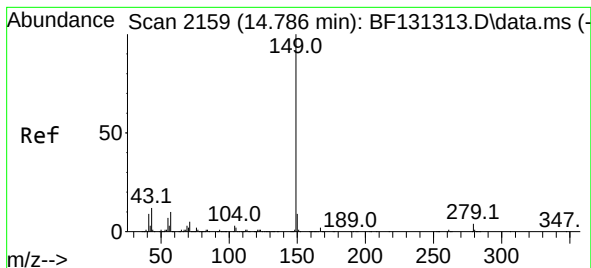
Delta R.T. -0.012 min

Lab File: BF131412.D

Acq: 26 Nov 2022 00:00

Tgt Ion:149	Resp:	1688
Ion	Ratio	Lower Upper
149	100	
167	31.3	21.9 32.9
279	0.0	3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 3.937 ng

RT: 14.751 min Scan# 2159

Delta R.T. -0.023 min

Lab File: BF131412.D

Acq: 26 Nov 2022 00:00

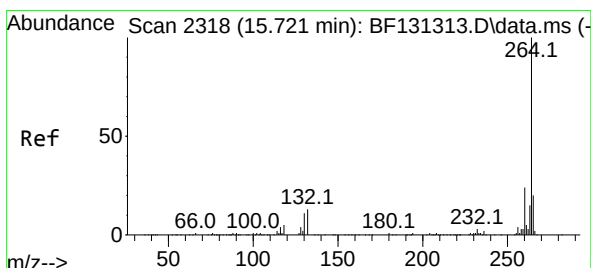
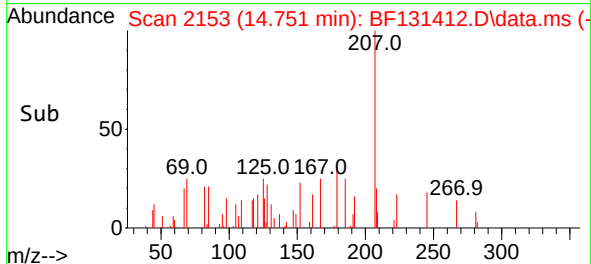
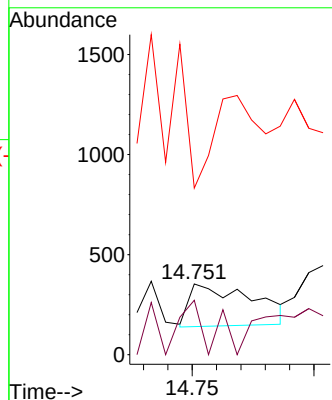
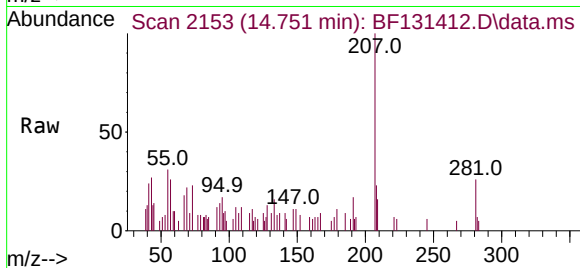
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:149 Resp: 381

Ion	Ratio	Lower	Upper
149	100		
167	42.5	1.2	1.8#
43	80.6	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: BF131412.D

Acq: 26 Nov 2022 00:00

Tgt Ion:264 Resp: 178764

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.4	16.4	24.6

