

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131017.D
 Acq On : 05 Nov 2022 13:42
 Operator : CG\JU
 Sample : N5340-04RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-102722

Quant Time: Nov 07 00:48:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

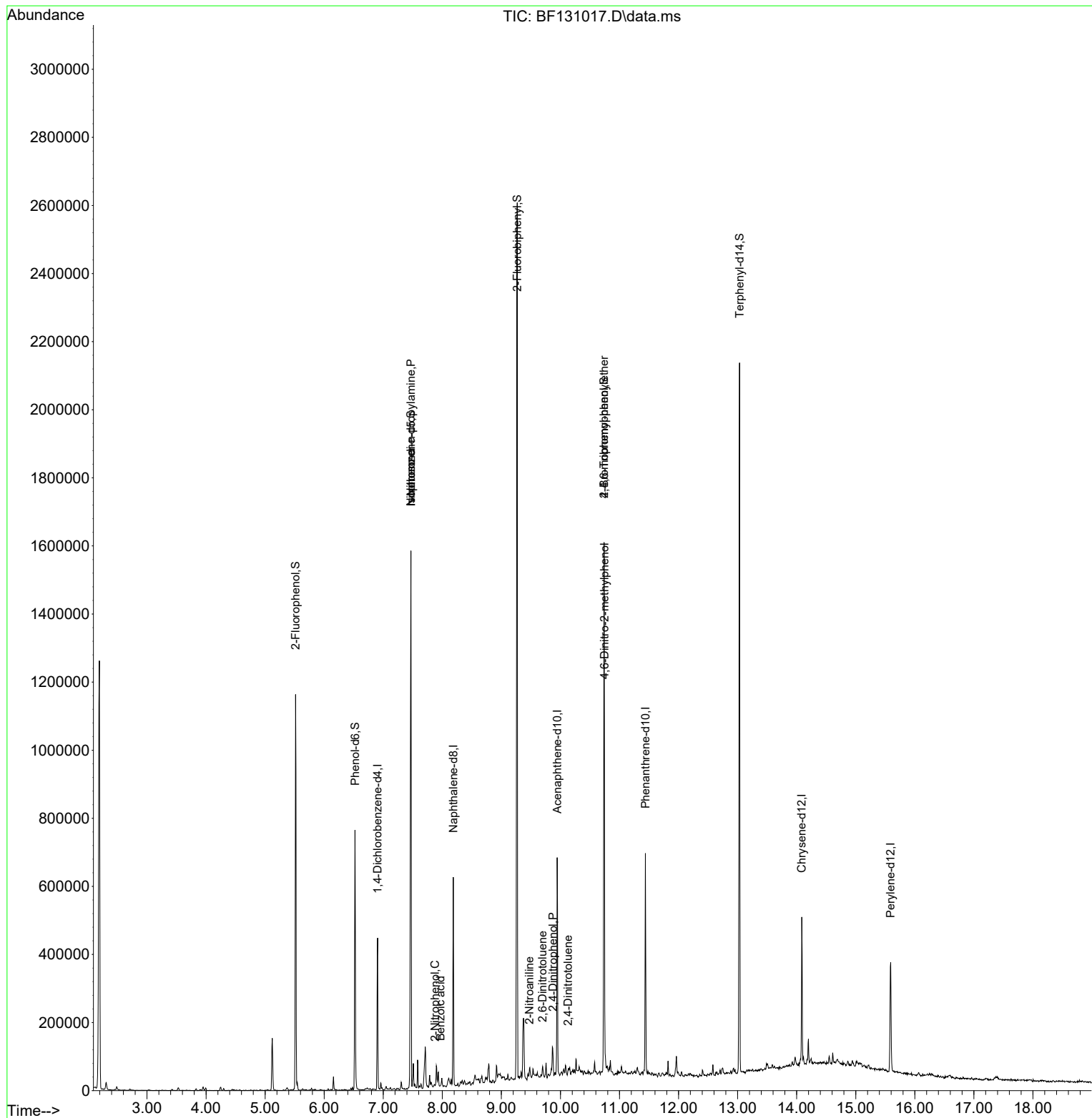
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	57975	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	230845	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	120838	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	201781	20.000	ng	0.00
76) Chrysene-d12	14.086	240	134090	20.000	ng	0.00
86) Perylene-d12	15.592	264	147727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	270743	80.960	ng	0.00
7) Phenol-d6	6.522	99	223791	51.497	ng	0.00
23) Nitrobenzene-d5	7.469	82	516011	134.787	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	178528	175.507	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	850103	106.362	ng	0.00
79) Terphenyl-d14	13.033	244	700874	95.780	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	72070	24.374	ng	# 78
25) Isophorone	7.469	82	516004	65.362	ng	# 66
26) 2-Nitrophenol	7.875	139	146	4.162	ng	# 52
32) Benzoic acid	7.969	122	1236	8.125	ng	# 36
48) 2-Nitroaniline	9.475	65	628	4.405	ng	# 58
51) 2,6-Dinitrotoluene	9.698	165	2542	4.306	ng	# 31
54) 2,4-Dinitrophenol	9.875	184	61	4.271	ng	# 1
57) 2,4-Dinitrotoluene	10.128	165	568	3.971	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.745	198	914	8.833	ng	# 1
67) 4-Bromophenyl-phenylether	10.739	248	11231	5.535	ng	# 1

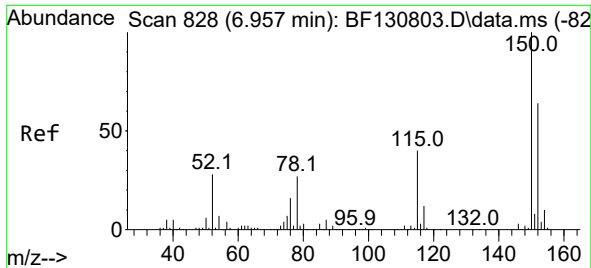
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131017.D
Acq On : 05 Nov 2022 13:42
Operator : CG\JU
Sample : N5340-04RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8-102722

Quant Time: Nov 07 00:48:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:46:02 2022
Response via : Initial Calibration

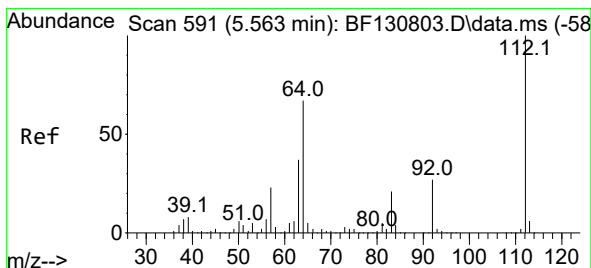
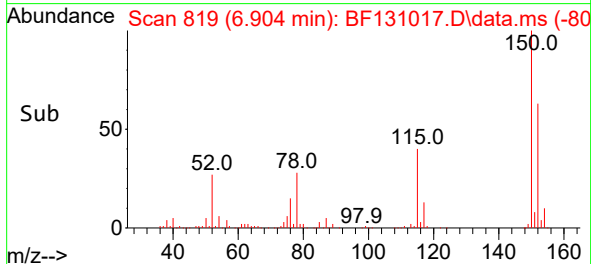
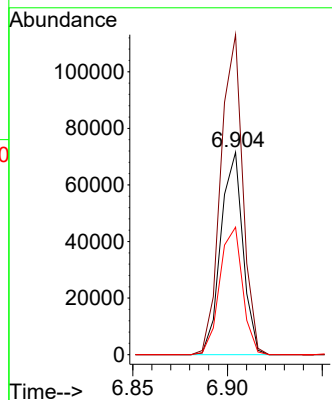
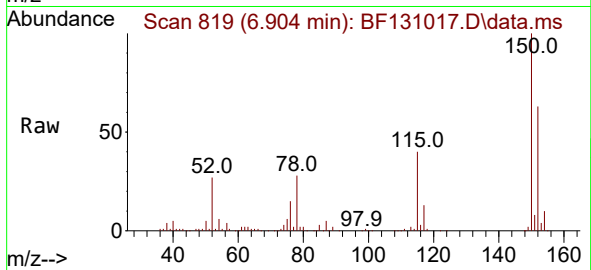




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

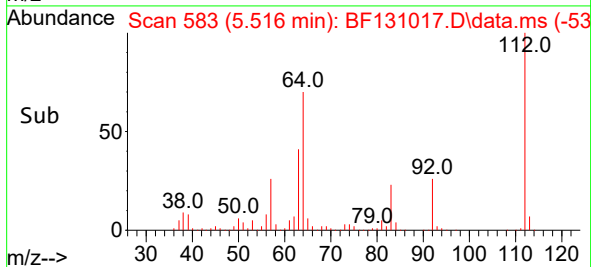
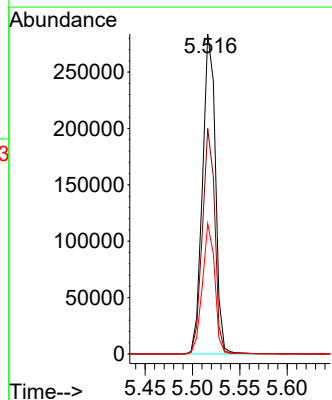
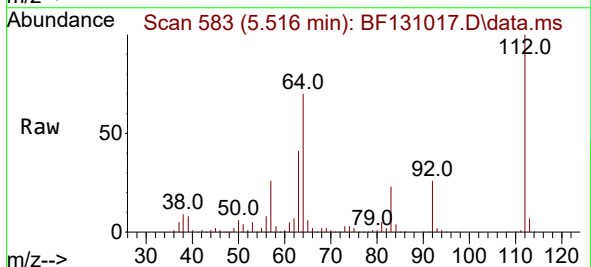
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

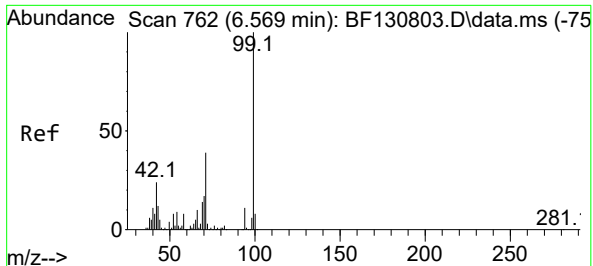
Tgt Ion:152 Resp: 57975
Ion Ratio Lower Upper
152 100
150 158.1 124.1 186.1
115 63.0 50.1 75.1



#5
2-Fluorophenol
Concen: 80.960 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

Tgt Ion:112 Resp: 270743
Ion Ratio Lower Upper
112 100
64 70.5 53.9 80.9
63 40.7 29.4 44.2

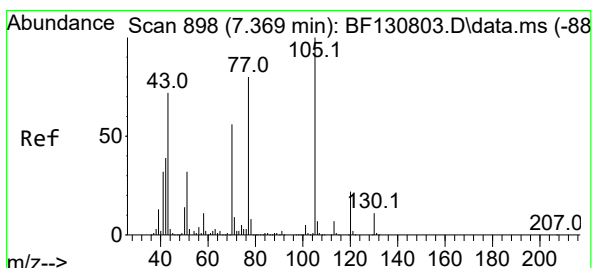
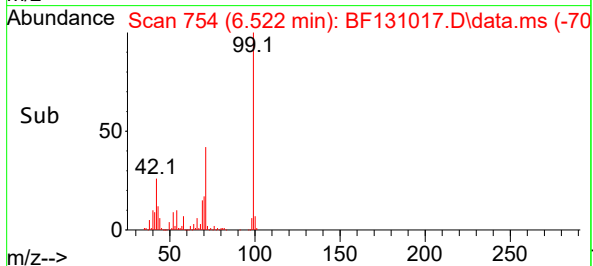
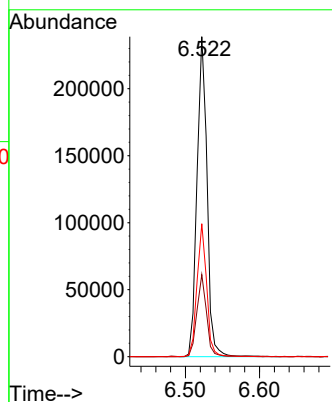
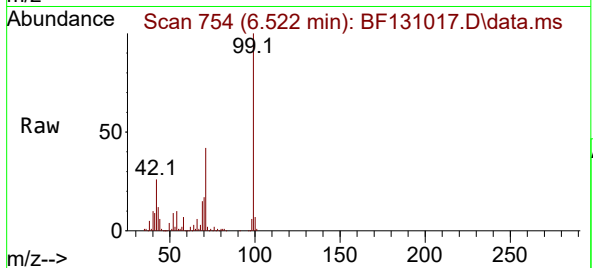




#7
Phenol-d6
Concen: 51.497 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

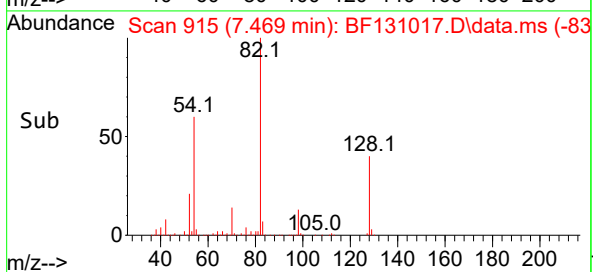
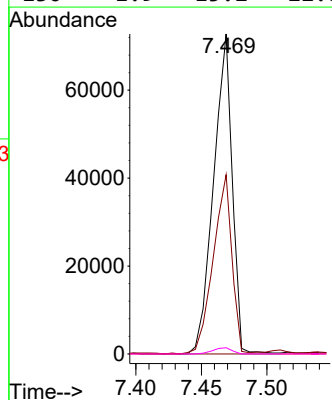
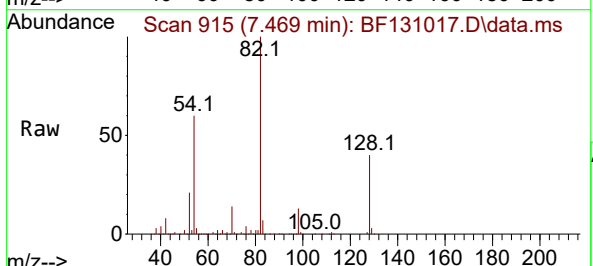
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

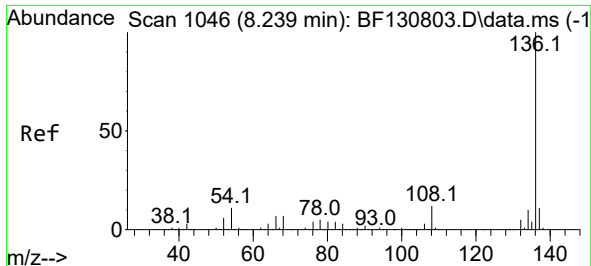
Tgt Ion: 99 Resp: 223791
Ion Ratio Lower Upper
99 100
42 25.6 18.8 28.2
71 41.5 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 24.374 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

Tgt Ion: 70 Resp: 72070
Ion Ratio Lower Upper
70 100
42 56.0 56.1 84.1#
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#



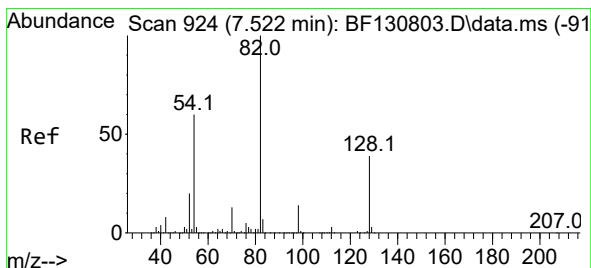
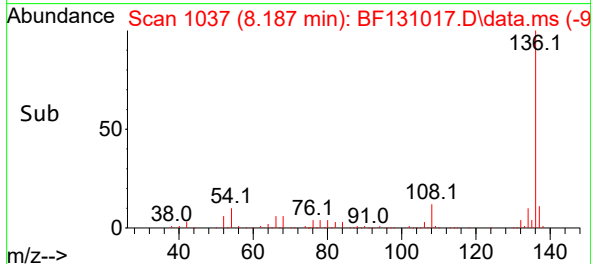
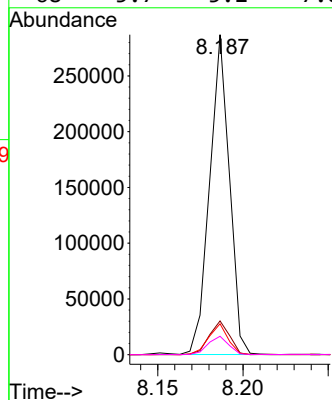
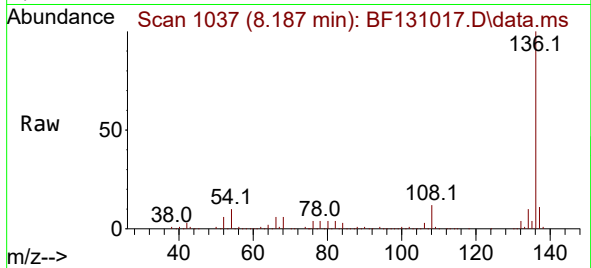


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

Instrument :
BNA_F
ClientSampleId :
MW-8-102722

Tgt Ion:136 Resp: 230845

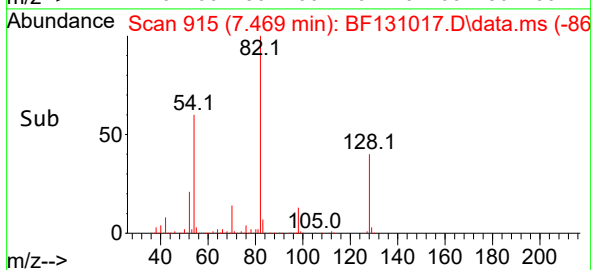
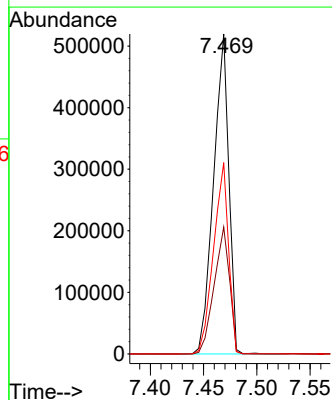
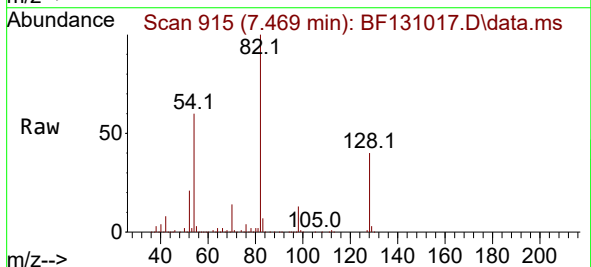
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	9.7	8.8	13.2
68	5.7	5.2	7.8

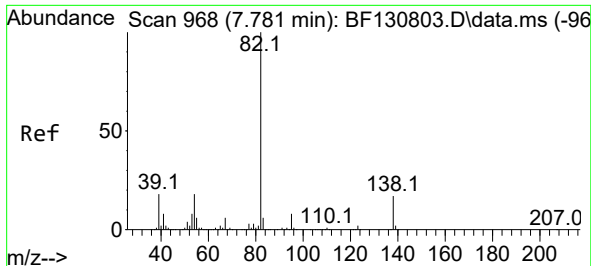


#23
Nitrobenzene-d5
Concen: 134.787 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

Tgt Ion: 82 Resp: 516011

Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.2	46.8
54	59.8	48.0	72.0

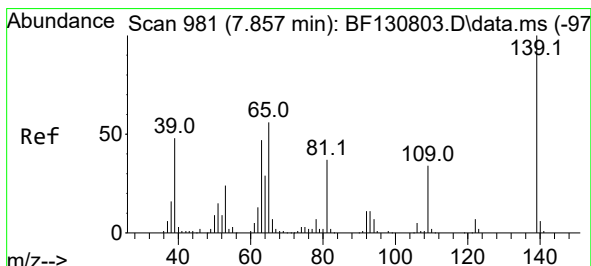
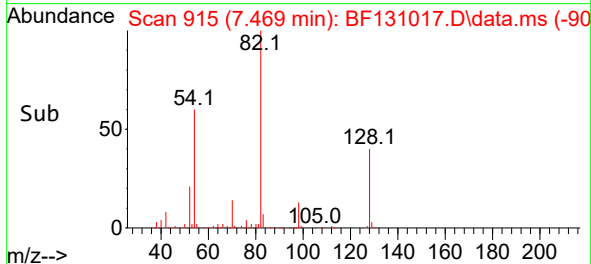
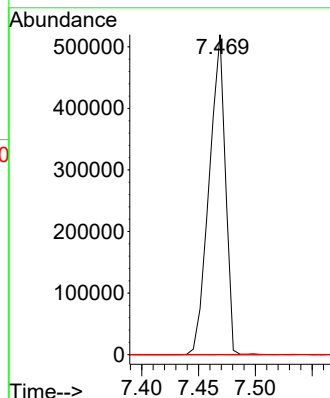
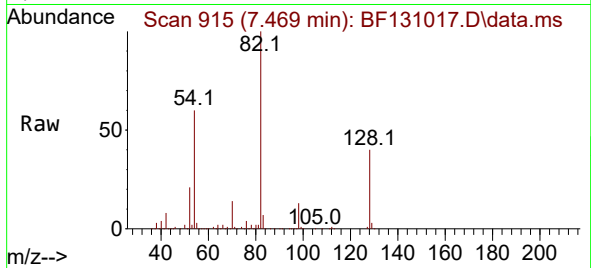




#25
Isophorone
Concen: 65.362 ng
RT: 7.469 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

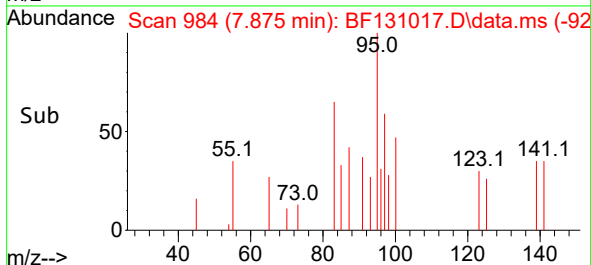
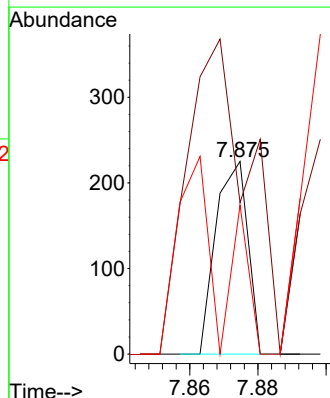
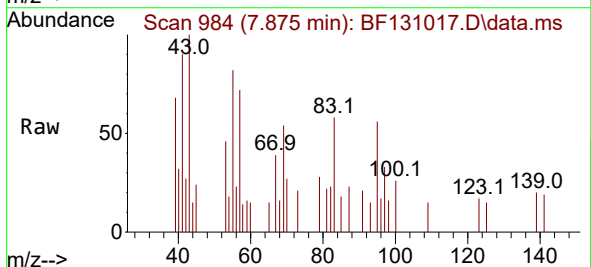
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

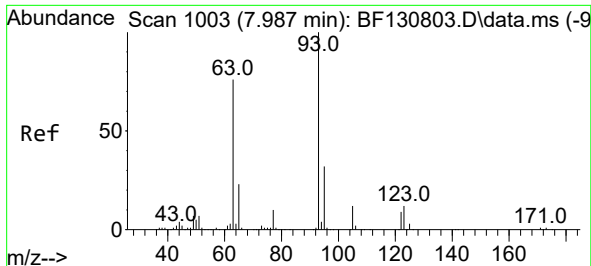
Tgt Ion: 82 Resp: 516004
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.162 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.071 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

Tgt Ion:139 Resp: 146
Ion Ratio Lower Upper
139 100
109 78.7 27.3 40.9#
65 77.3 44.6 67.0#

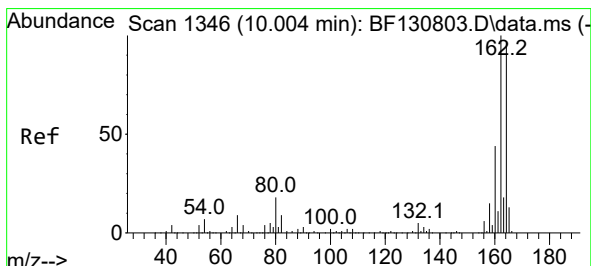
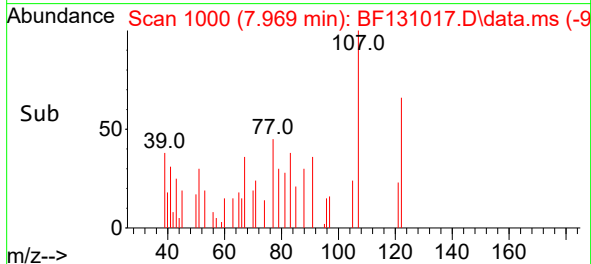
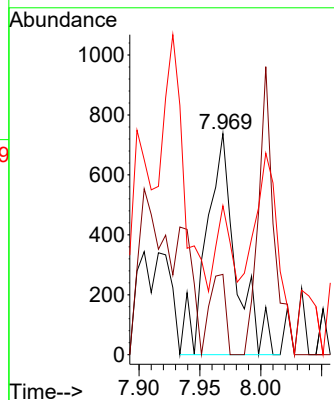
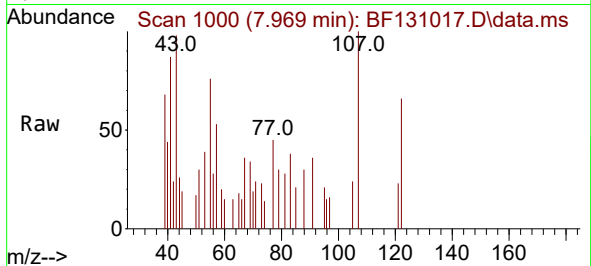




#32
Benzoic acid
Concen: 8.125 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.012 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

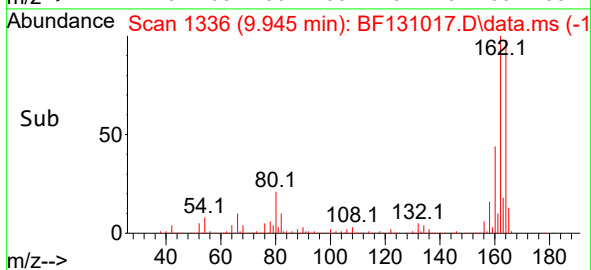
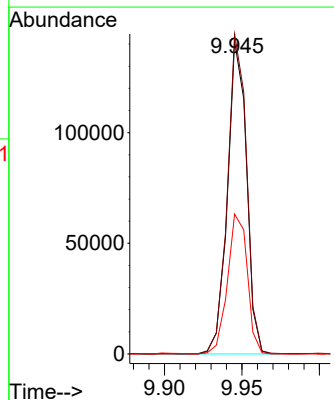
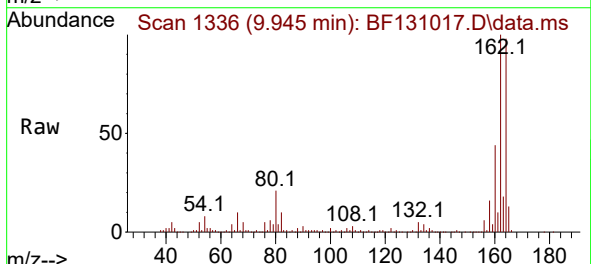
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

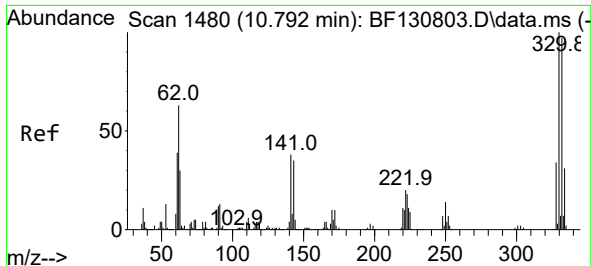
Tgt Ion:122 Resp: 1236
Ion Ratio Lower Upper
122 100
105 36.3 114.5 154.5#
77 67.3 89.8 129.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

Tgt Ion:164 Resp: 120838
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.2
160 44.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 175.507 ng

RT: 10.739 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131017.D

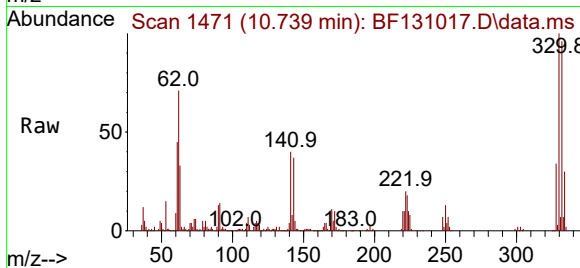
Acq: 05 Nov 2022 13:42

Instrument :

BNA_F

ClientSampleId :

MW-8-102722



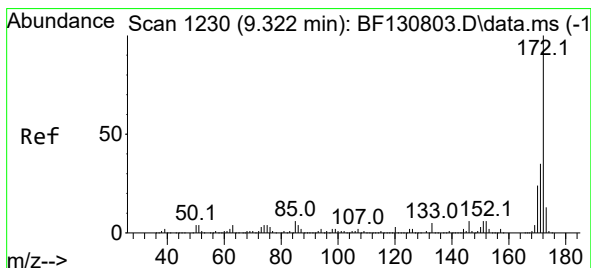
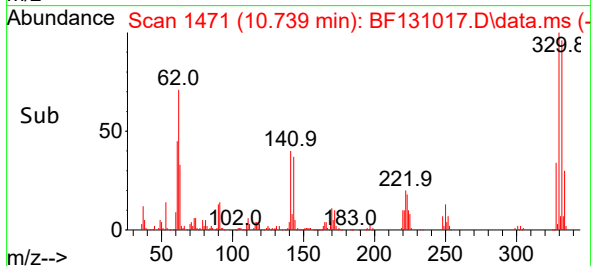
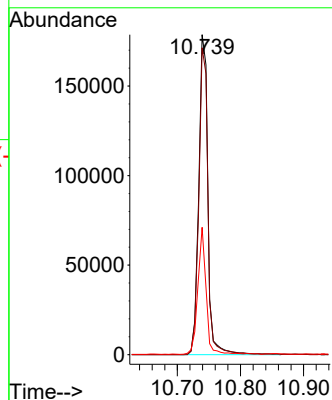
Tgt Ion:330 Resp: 178528

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 36.1 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 106.362 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF131017.D

Acq: 05 Nov 2022 13:42

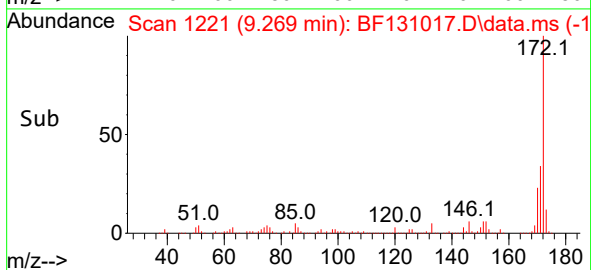
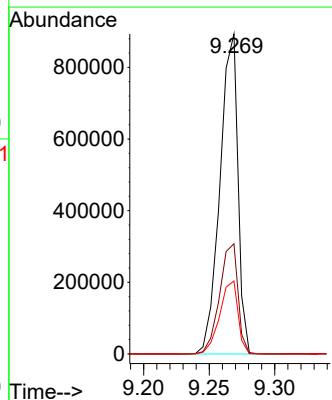
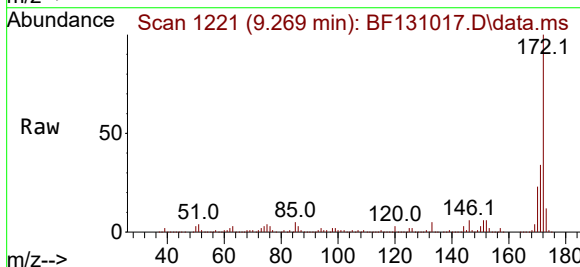
Tgt Ion:172 Resp: 850103

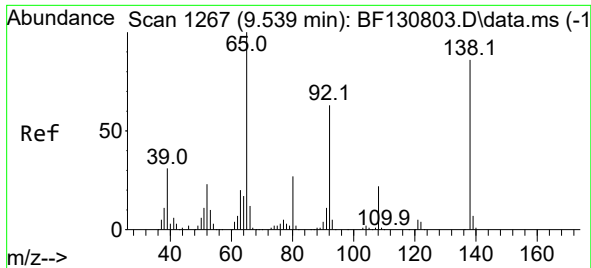
Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 22.8 19.0 28.4

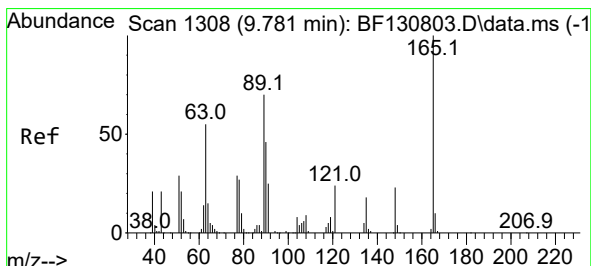
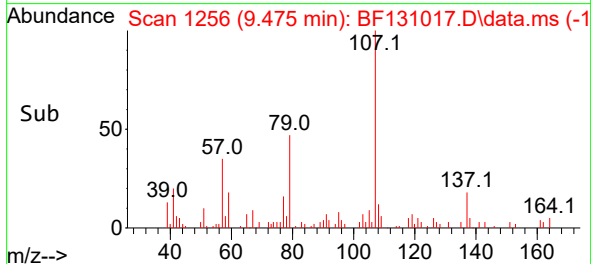
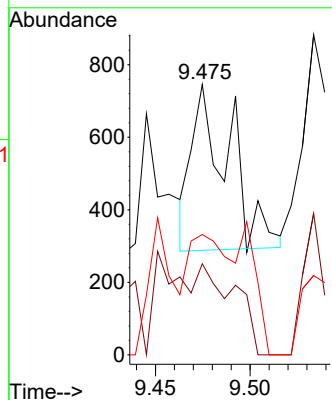
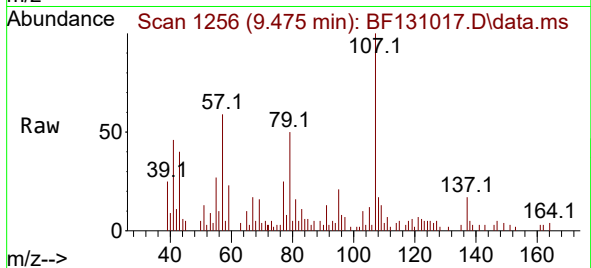




#48
2-Nitroaniline
Concen: 4.405 ng
RT: 9.475 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

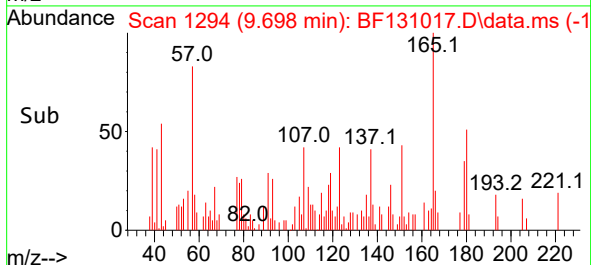
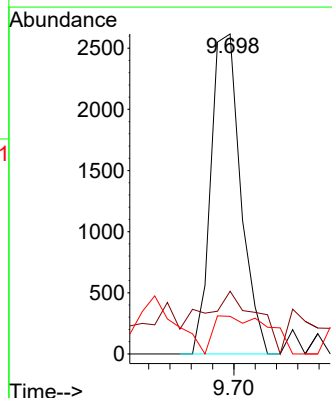
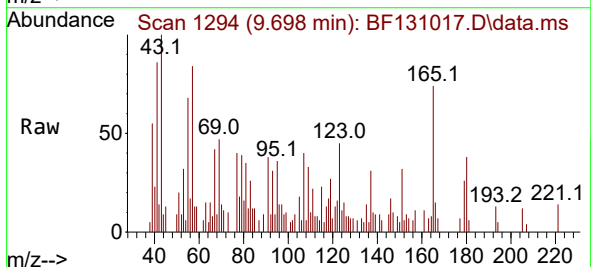
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

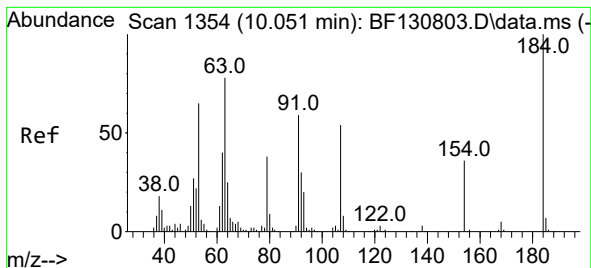
Tgt Ion: 65 Resp: 628
Ion Ratio Lower Upper
65 100
92 33.6 50.1 75.1#
138 44.5 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 4.306 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.035 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

Tgt Ion: 165 Resp: 2542
Ion Ratio Lower Upper
165 100
63 19.6 61.8 92.8#
89 11.7 56.2 84.4#

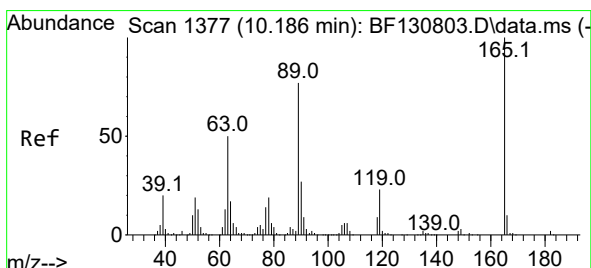
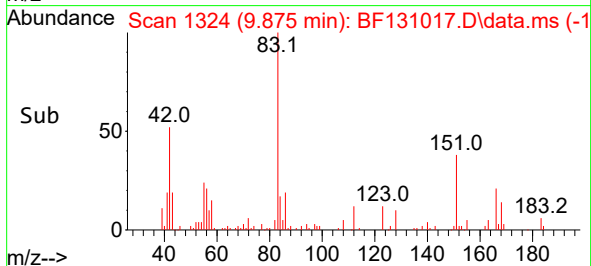
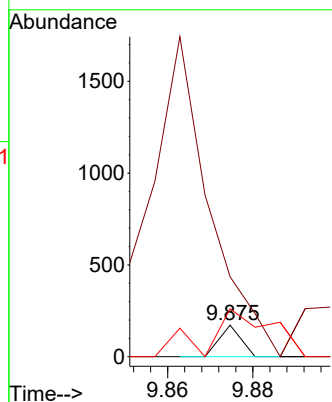
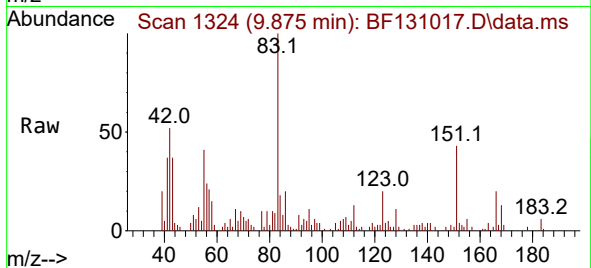




#54
2,4-Dinitrophenol
Concen: 4.271 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.135 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

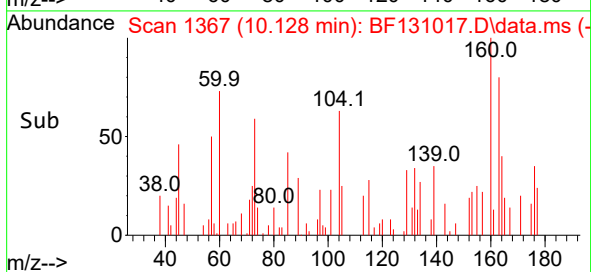
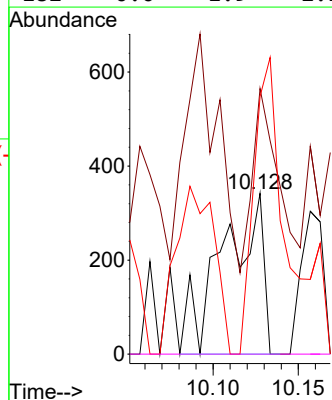
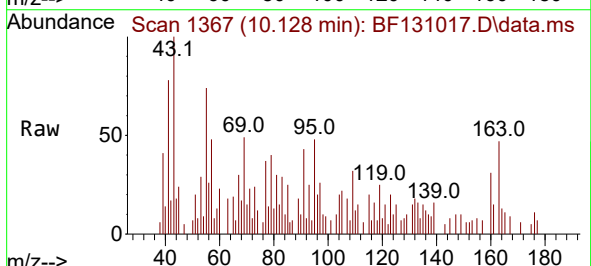
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

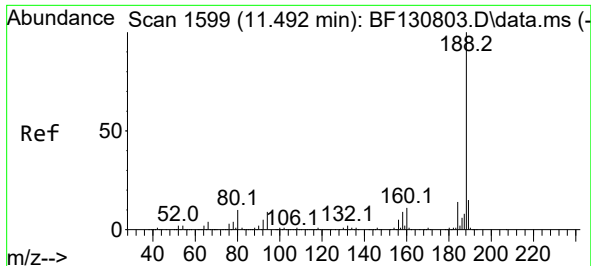
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 252.9 66.7 100.1#
154 151.7 62.2 93.2#



#57
2,4-Dinitrotoluene
Concen: 3.971 ng
RT: 10.128 min Scan# 1367
Delta R.T. -0.012 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

Tgt Ion:165 Resp: 568
Ion Ratio Lower Upper
165 100
63 165.2 39.8 59.6#
89 160.2 61.9 92.9#
182 0.0 1.9 2.9#

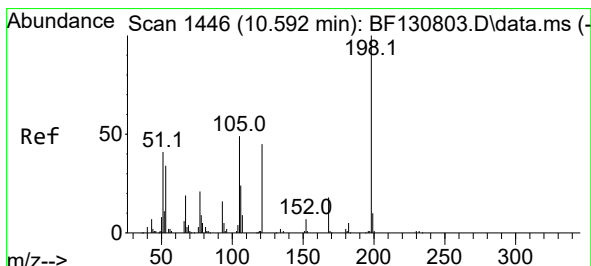
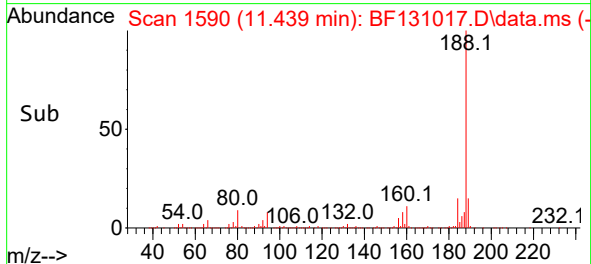
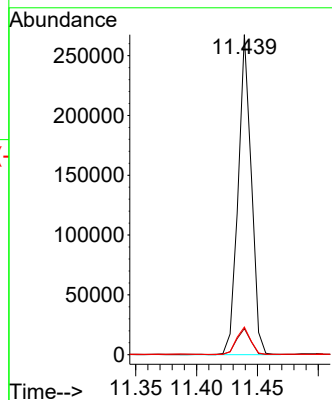
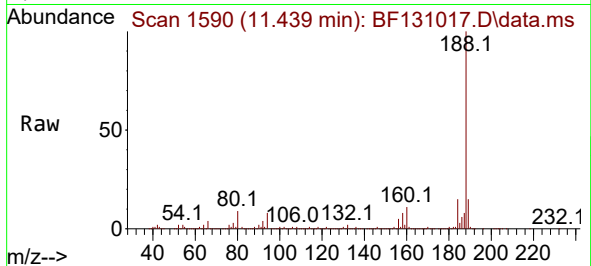




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

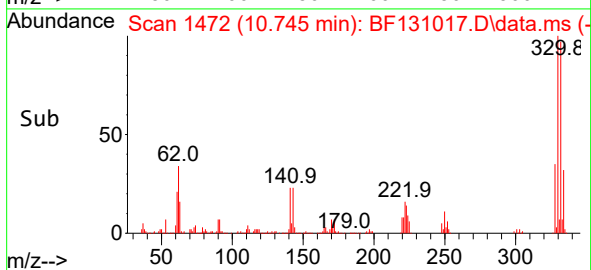
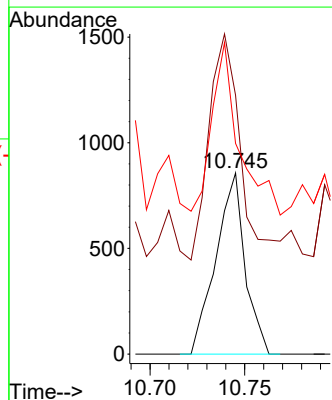
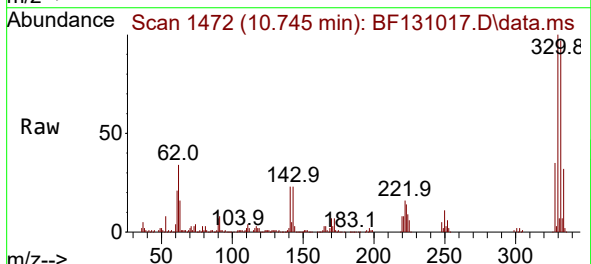
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

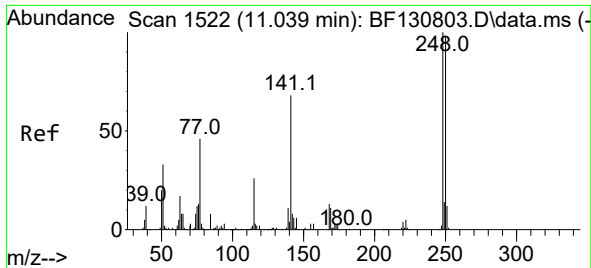
Tgt Ion:188 Resp: 201781
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.833 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.194 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

Tgt Ion:198 Resp: 914
Ion Ratio Lower Upper
198 100
51 142.9 39.0 79.0#
105 116.3 30.6 70.6#

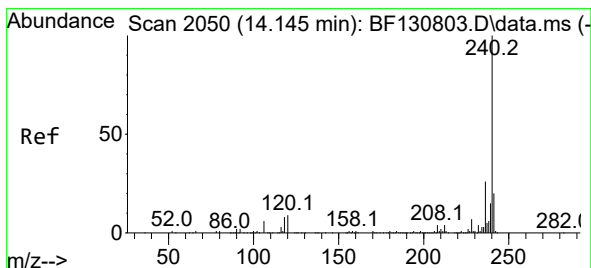
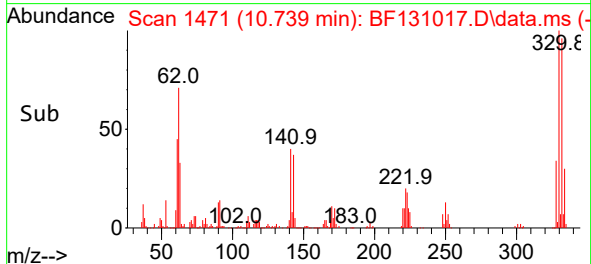
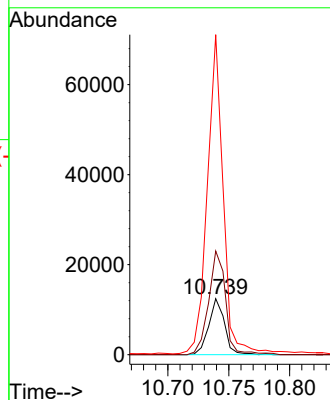
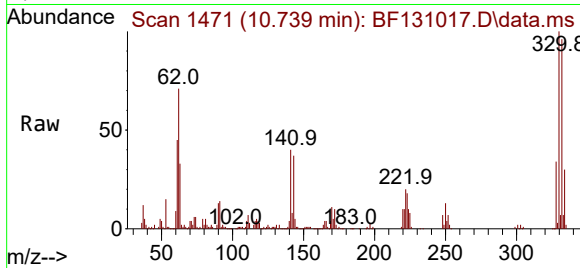




#67
4-Bromophenyl-phenylether
Concen: 5.535 ng
RT: 10.739 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

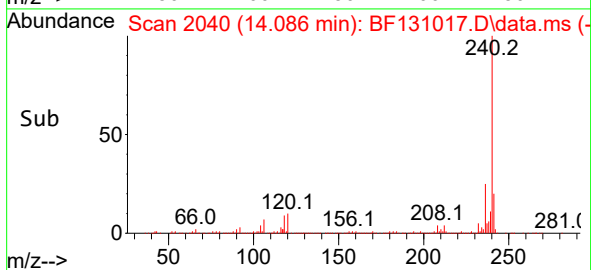
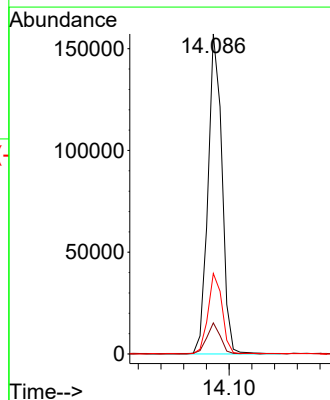
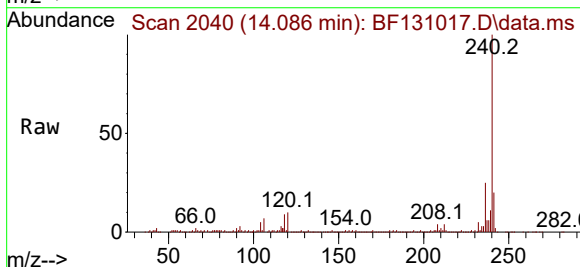
Instrument :
BNA_F
ClientSampleId :
MW-8-102722

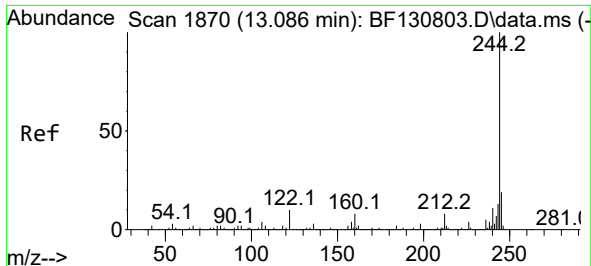
Tgt Ion:248 Resp: 11231
Ion Ratio Lower Upper
248 100
250 185.2 78.6 117.8#
141 571.3 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131017.D
Acq: 05 Nov 2022 13:42

Tgt Ion:240 Resp: 134090
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.4
236 25.2 20.5 30.7

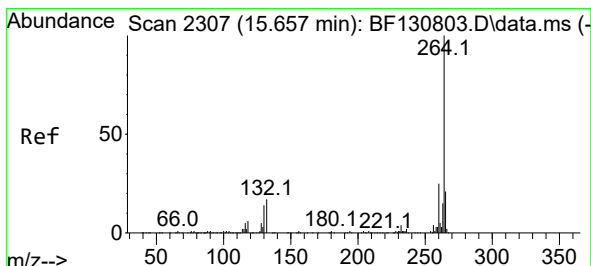
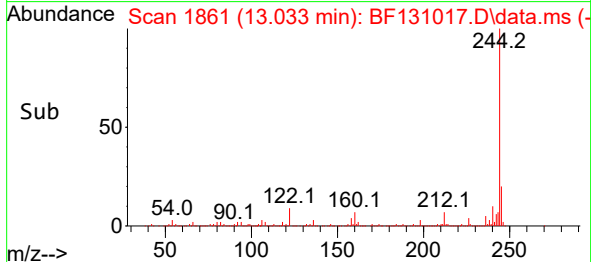
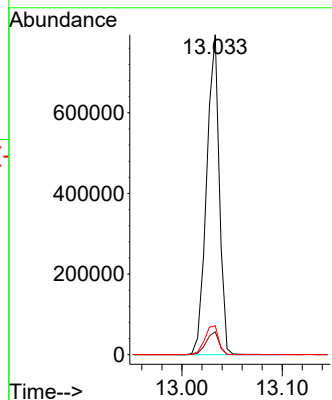
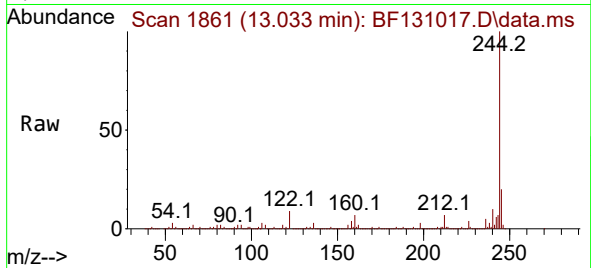




#79
 Terphenyl-d14
 Concen: 95.780 ng
 RT: 13.033 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131017.D
 Acq: 05 Nov 2022 13:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-102722

Tgt Ion:244 Resp: 700874
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2296
 Delta R.T. 0.000 min
 Lab File: BF131017.D
 Acq: 05 Nov 2022 13:42

Tgt Ion:264 Resp: 147727
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.9 29.9
 265 20.1 17.0 25.6

