

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132370.D
 Acq On : 08 Feb 2023 22:23
 Operator : CG\JU
 Sample : 01465-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Feb 09 02:03:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

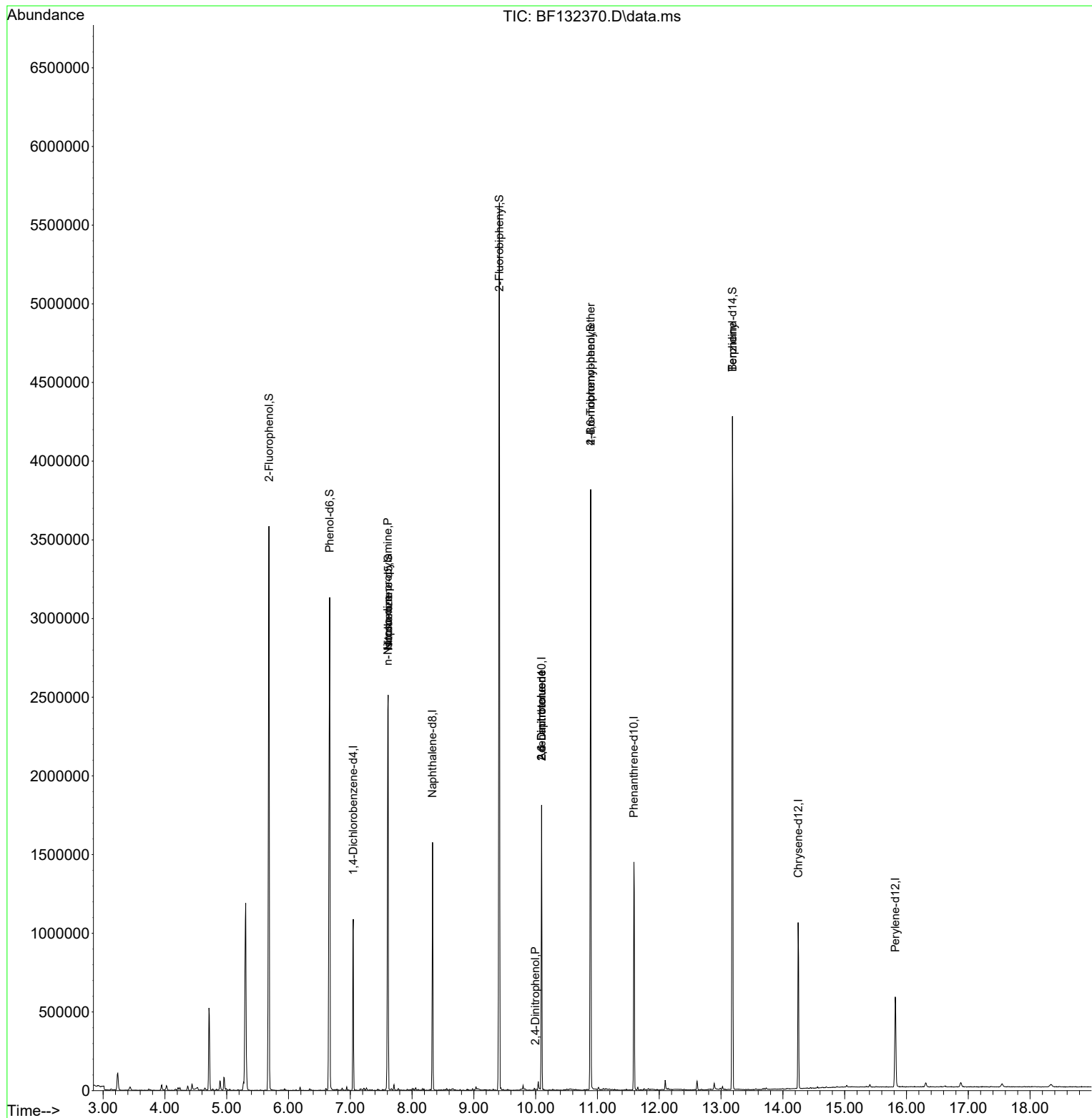
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	175396	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	670841	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	334674	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	535900	20.000	ng	0.00
76) Chrysene-d12	14.248	240	337494	20.000	ng	0.00
86) Perylene-d12	15.818	264	270502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1309139	119.975	ng	0.02
7) Phenol-d6	6.666	99	1517019	112.767	ng	0.00
23) Nitrobenzene-d5	7.613	82	983475	81.581	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	496920	144.384	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1839231	84.866	ng	0.00
79) Terphenyl-d14	13.183	244	1564716	89.685	ng	0.00
Target Compounds						
9) Benzaldehyde	6.596	77	237	Below Cal	Qvalue	# 41
19) n-Nitroso-di-n-propyla...	7.607	70	123572	16.171	ng	# 77
25) Isophorone	7.613	82	983459	42.982	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	43346	8.290	ng	# 25
54) 2,4-Dinitrophenol	9.995	184	114	4.363	ng	# 19
57) 2,4-Dinitrotoluene	10.095	165	43346	6.382	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	28118	5.124	ng	# 1
77) Benzidine	13.183	184	23839	2.020	ng	# 93

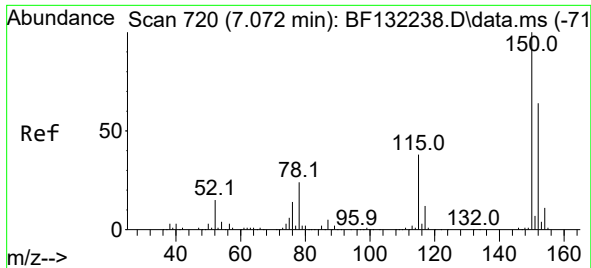
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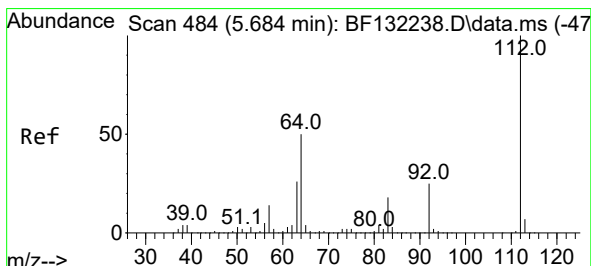
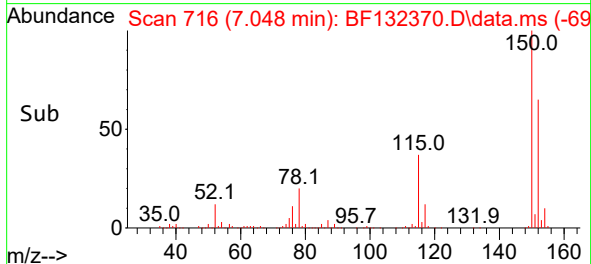
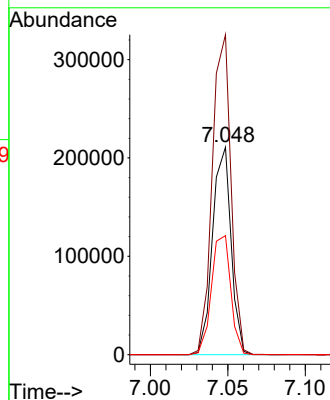
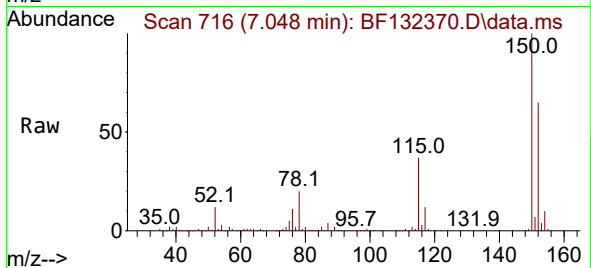




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

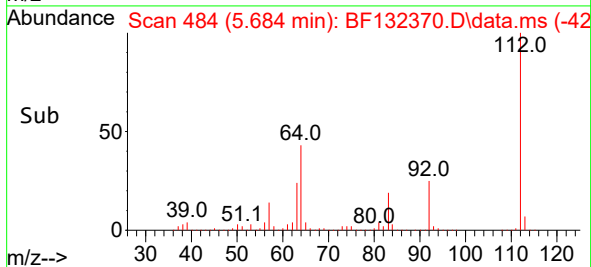
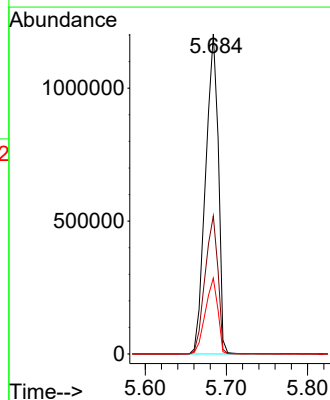
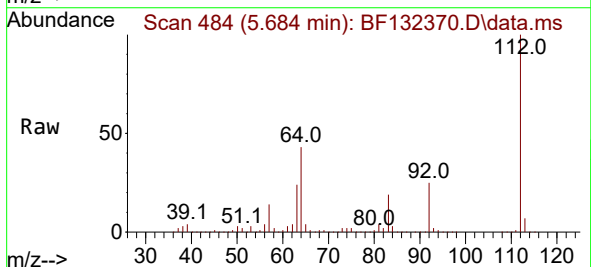
Instrument :
BNA_F
ClientSampleId :
COMP-1

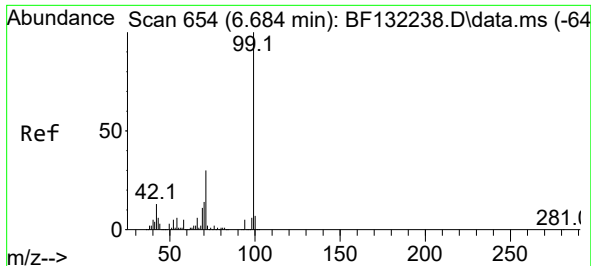
Tgt Ion:152 Resp: 175396
Ion Ratio Lower Upper
152 100
150 154.2 124.2 186.2
115 57.4 47.3 70.9



#5
2-Fluorophenol
Concen: 119.975 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.024 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion:112 Resp: 1309139
Ion Ratio Lower Upper
112 100
64 43.2 40.0 60.0
63 23.7 20.5 30.7

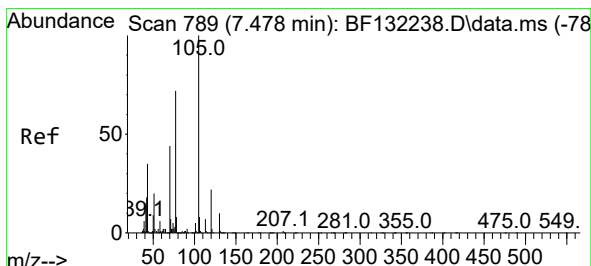
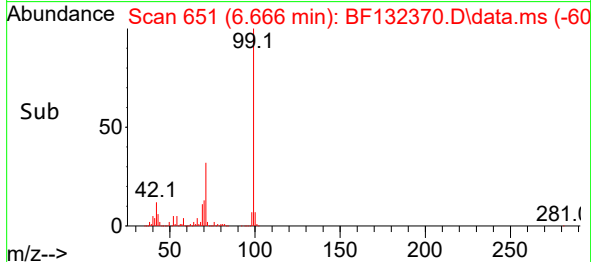
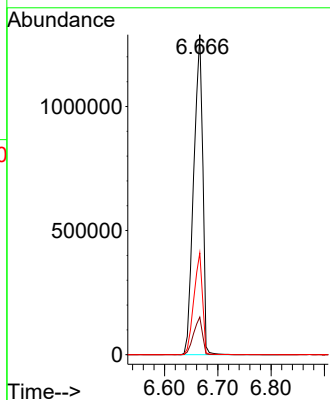
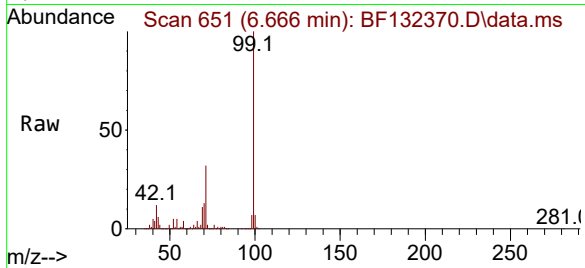




#7
Phenol-d6
Concen: 112.767 ng
RT: 6.666 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

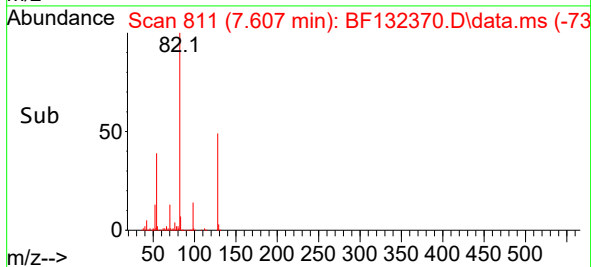
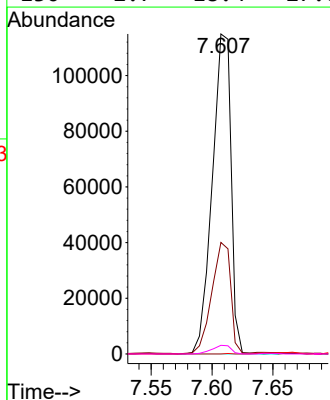
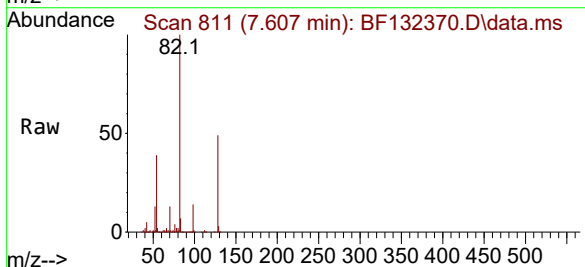
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BNA_F
ClientSampleId :
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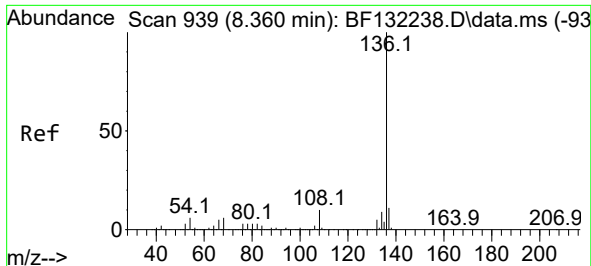
Tgt Ion: 99 Resp: 1517019
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 31.8 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.171 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.147 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion: 70 Resp: 123572
Ion Ratio Lower Upper
70 100
42 34.9 33.4 50.0
101 0.0 8.2 12.4#
130 2.7 18.4 27.6#

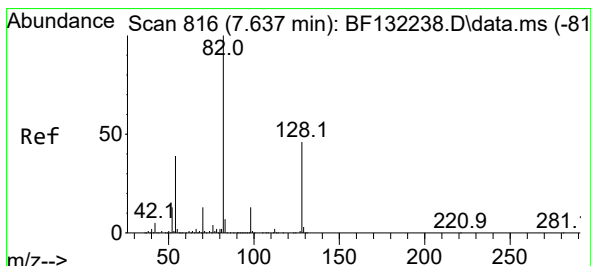
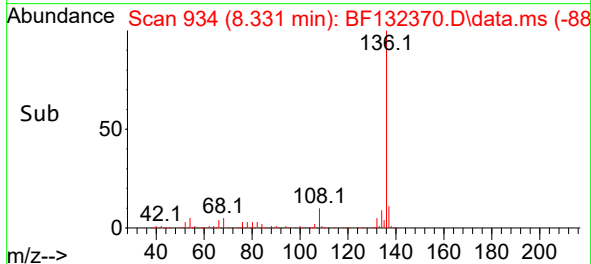
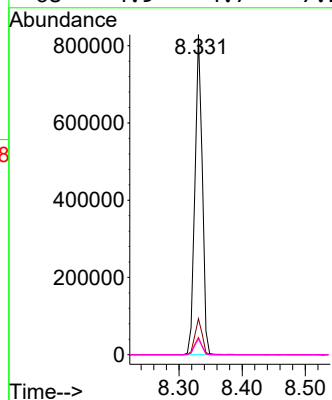
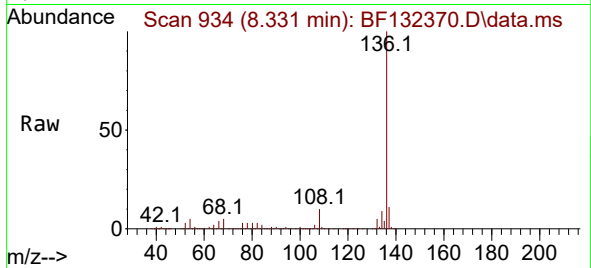




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

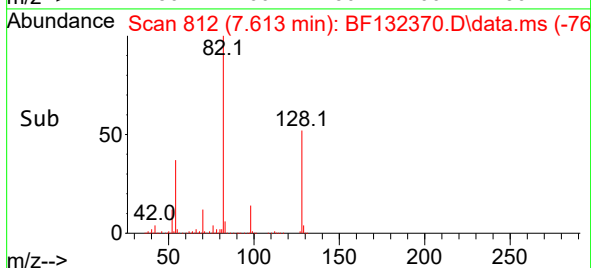
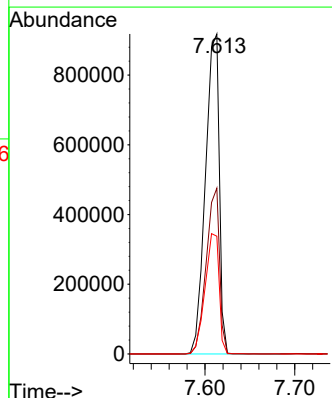
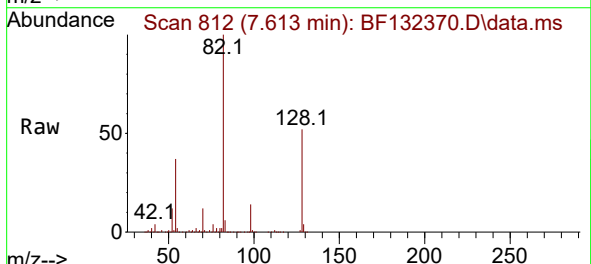
Instrument :
BNA_F
ClientSampleId :
COMP-1

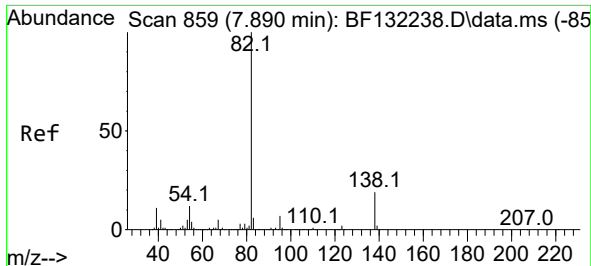
Tgt Ion:136 Resp: 670841
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.4 4.9 7.3
68 4.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 81.581 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion: 82 Resp: 983475
Ion Ratio Lower Upper
82 100
128 51.8 37.0 55.4
54 36.8 31.5 47.3

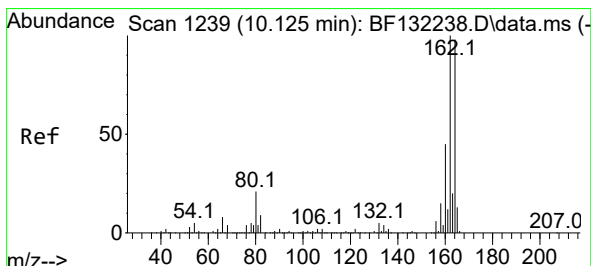
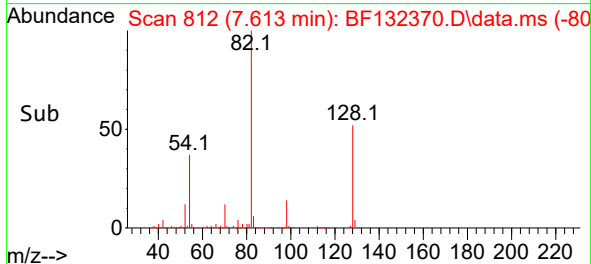
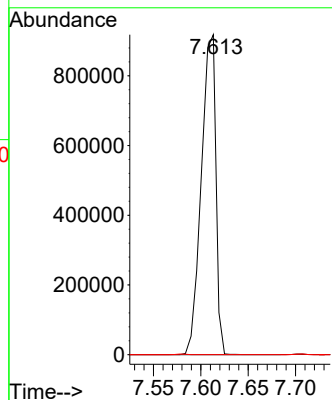
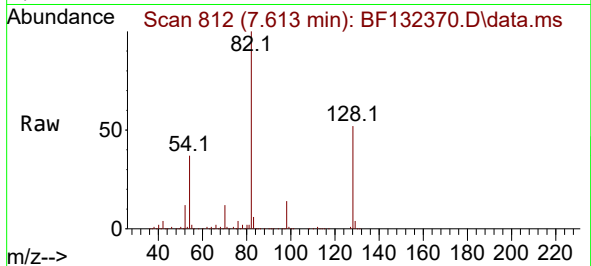




#25
Isophorone
Concen: 42.982 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

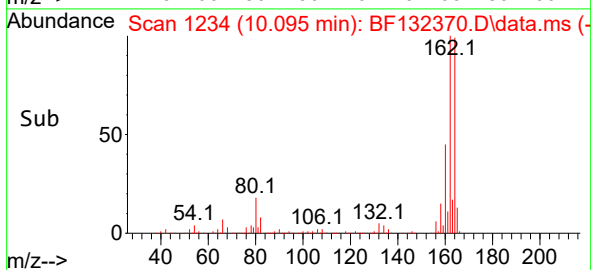
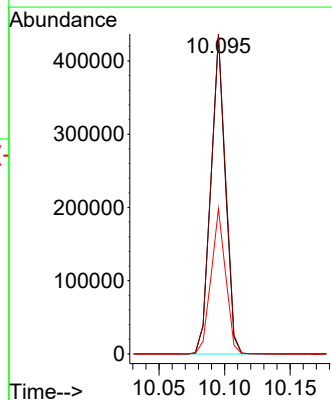
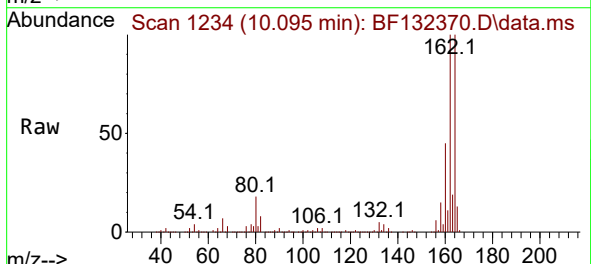
Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 983459
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion:164 Resp: 334674
Ion Ratio Lower Upper
164 100
162 100.4 82.0 123.0
160 45.6 37.1 55.7

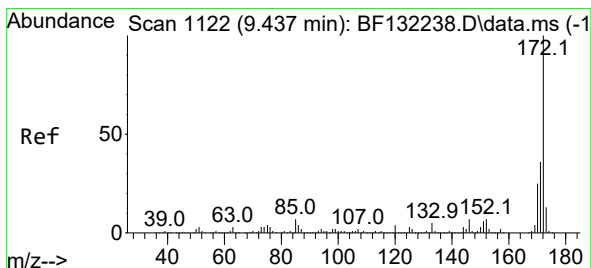
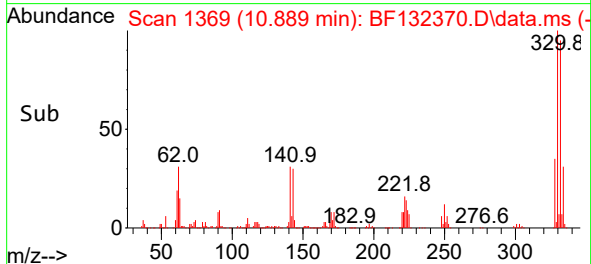
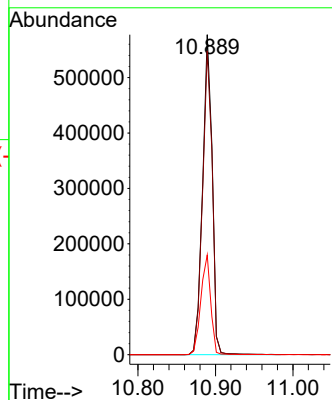
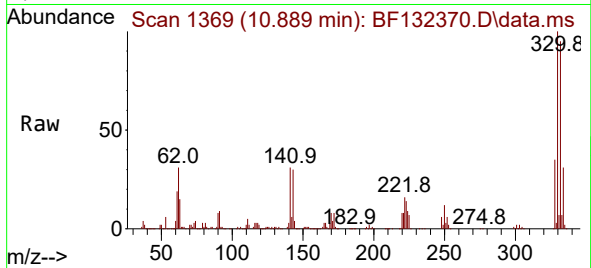




#42
2,4,6-Tribromophenol
Concen: 144.384 ng
RT: 10.889 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

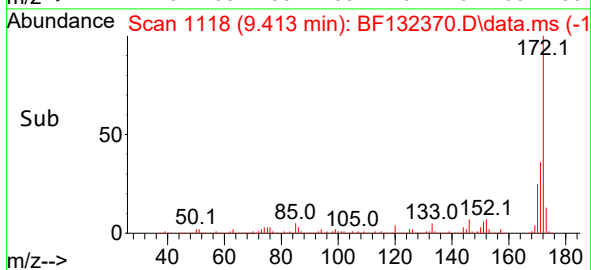
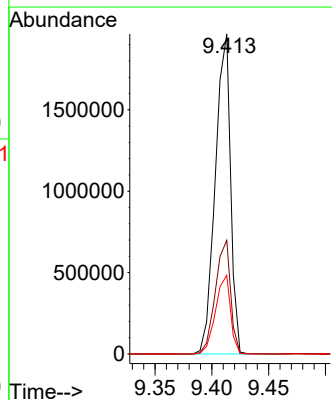
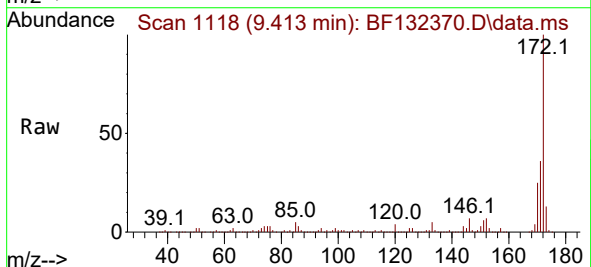
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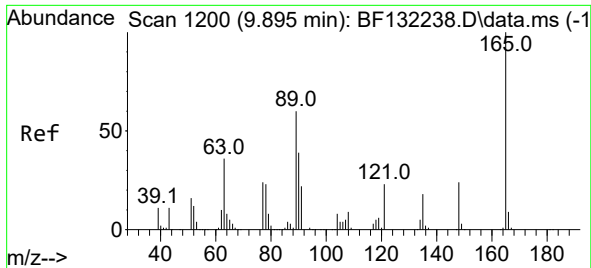
Tgt Ion:330 Resp: 496920
Ion Ratio Lower Upper
330 100
332 96.3 77.9 116.9
141 31.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 84.866 ng
RT: 9.413 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion:172 Resp: 1839231
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.5 19.7 29.5

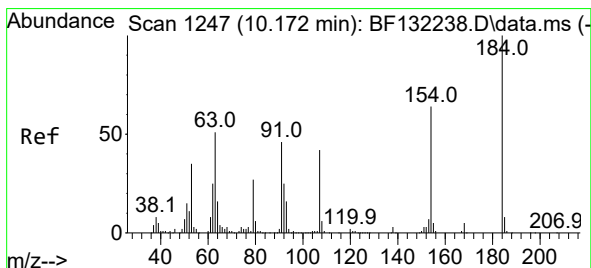
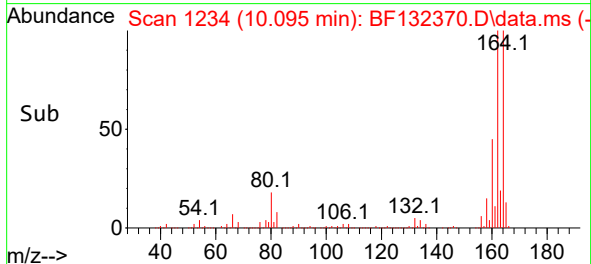
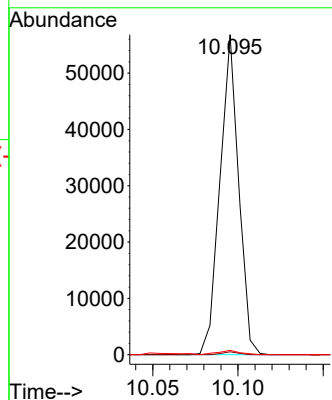
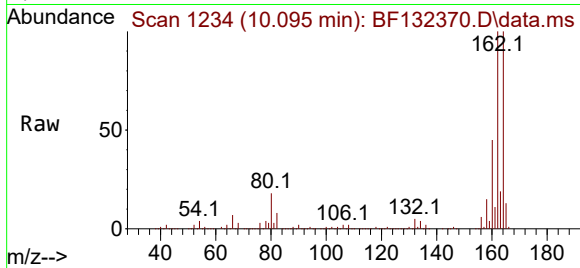




#51
2,6-Dinitrotoluene
Concen: 8.290 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

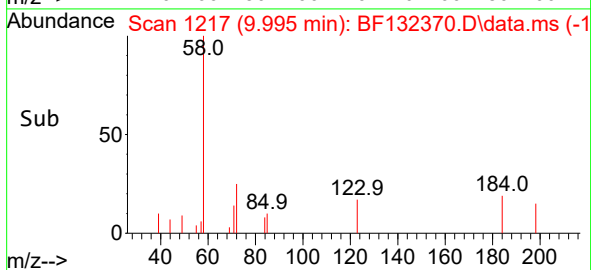
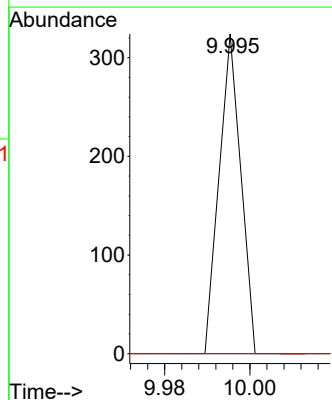
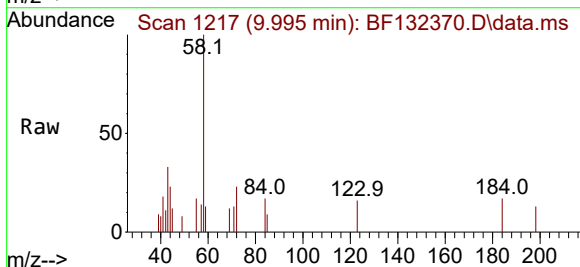
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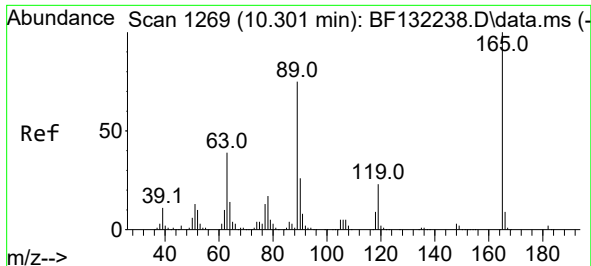
Tgt Ion:165 Resp: 43346
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.4 48.1 72.1#



#54
2,4-Dinitrophenol
Concen: 4.363 ng
RT: 9.995 min Scan# 1217
Delta R.T. -0.153 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 0.0 41.6 62.4#
154 0.0 57.0 85.6#

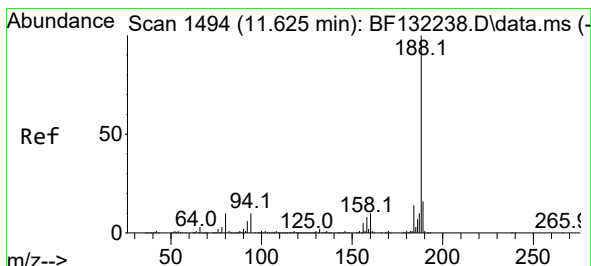
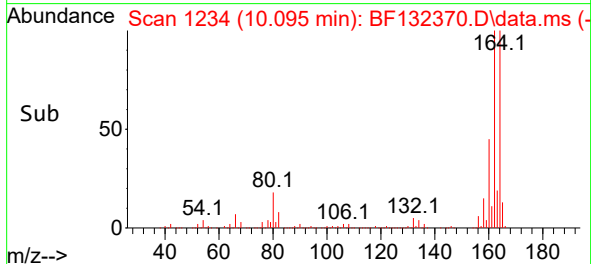
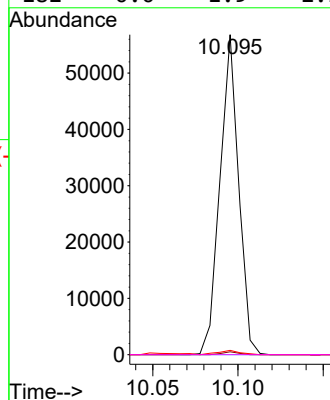
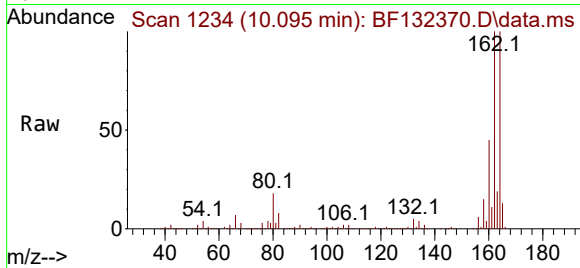




#57
2,4-Dinitrotoluene
Concen: 6.382 ng
RT: 10.095 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

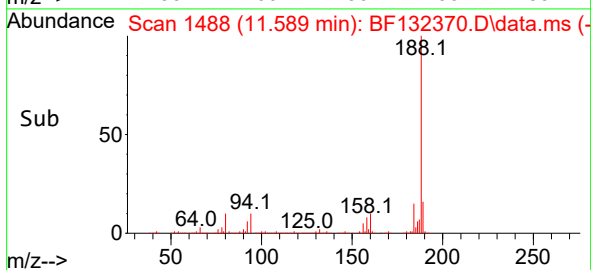
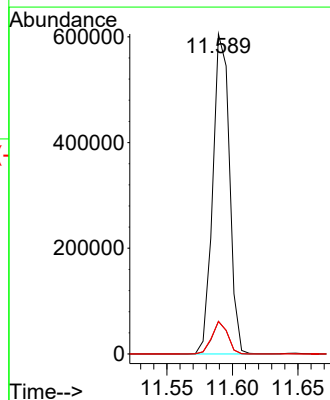
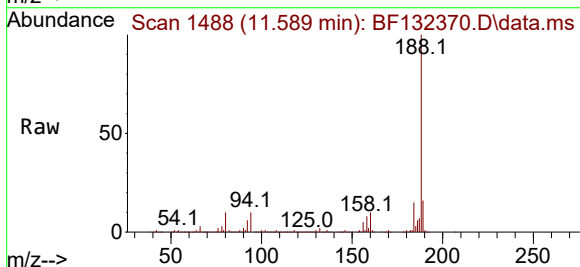
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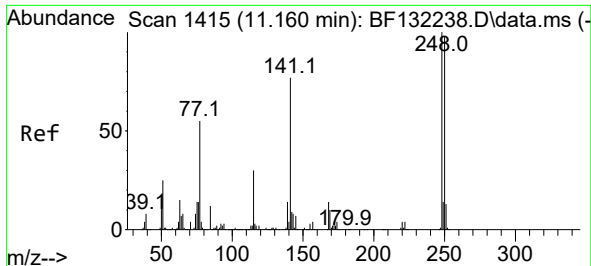
Tgt Ion:165 Resp: 43346
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.4 60.1 90.1#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion:188 Resp: 535900
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.2 8.3 12.5

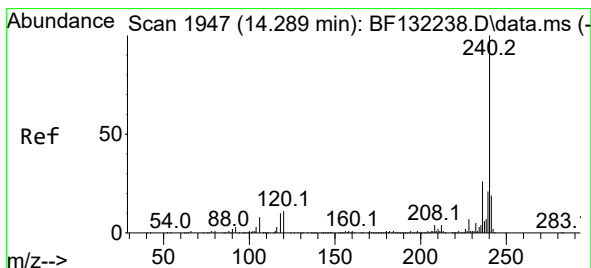
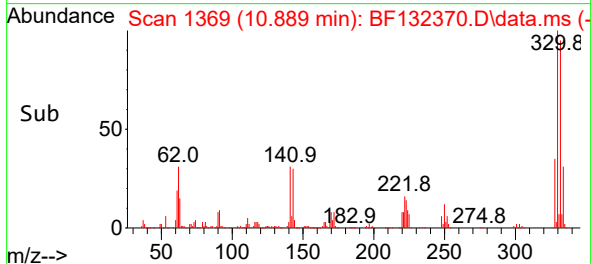
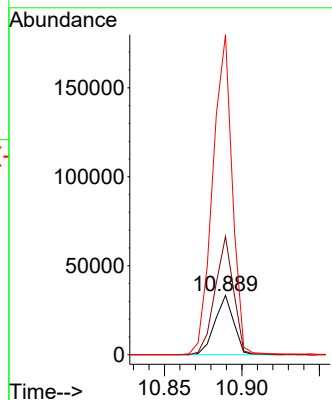
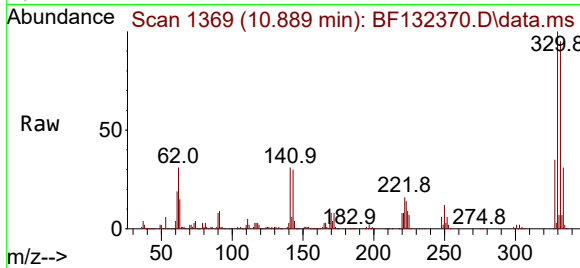




#67
4-Bromophenyl-phenylether
Concen: 5.124 ng
RT: 10.889 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

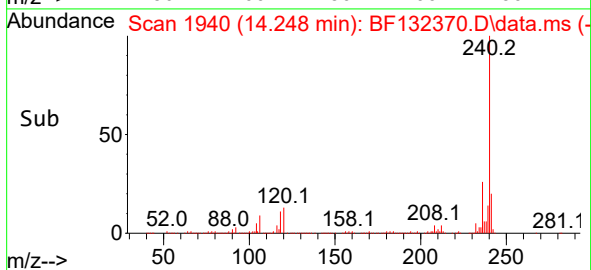
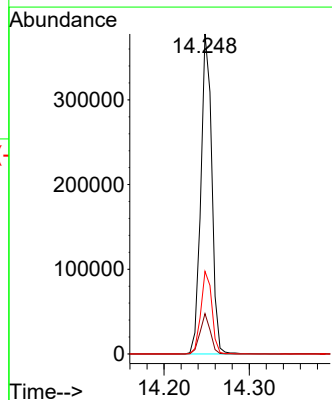
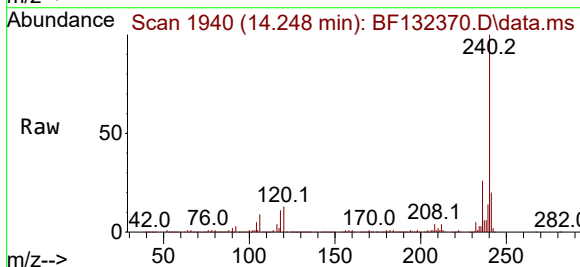
Instrument :
BNA_F
ClientSampleId :
COMP-1

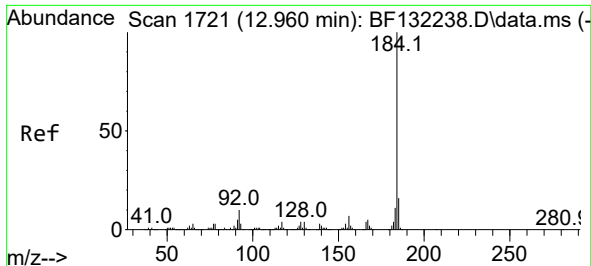
Tgt Ion:248 Resp: 28118
Ion Ratio Lower Upper
248 100
250 199.2 78.6 117.8#
141 539.3 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion:240 Resp: 337494
Ion Ratio Lower Upper
240 100
120 12.6 8.8 13.2
236 25.8 21.0 31.6

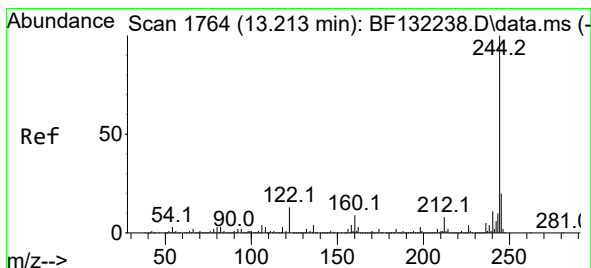
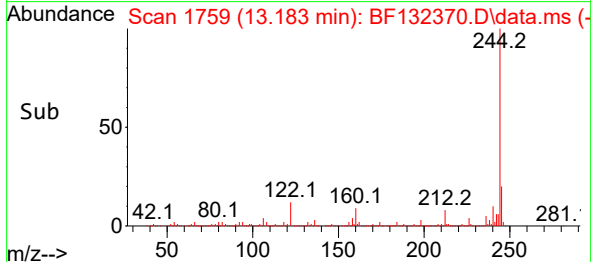
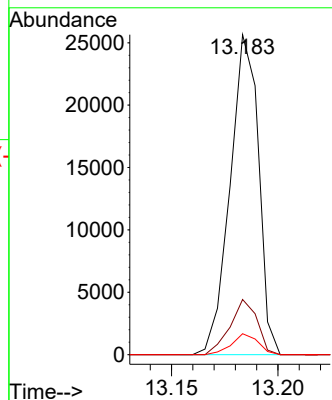
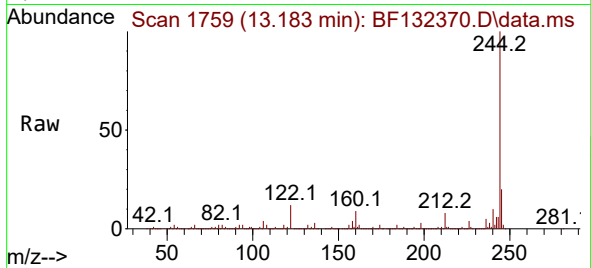




#77
Benzidine
Concen: 2.020 ng
RT: 13.183 min Scan# 1759
Delta R.T. 0.253 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

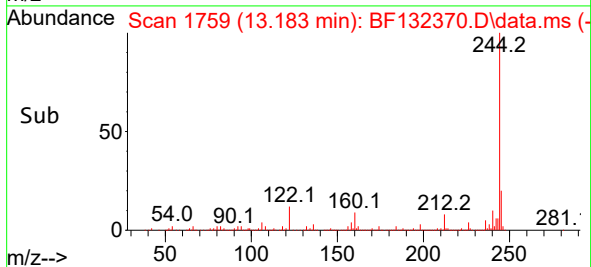
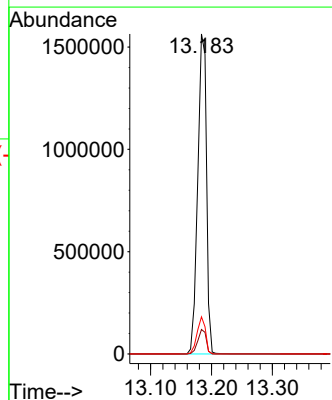
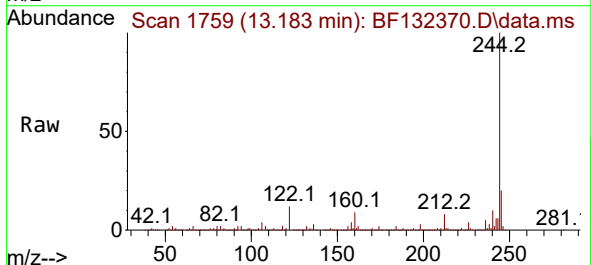
Instrument :
BNA_F
ClientSampleId :
COMP-1

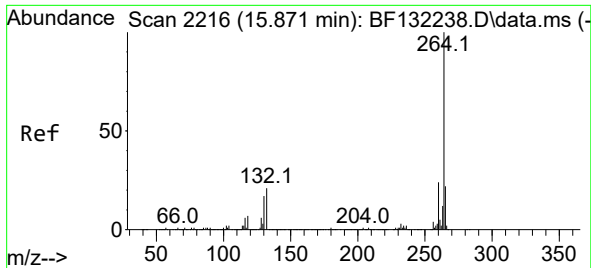
Tgt Ion:184 Resp: 23839
Ion Ratio Lower Upper
184 100
185 17.2 12.6 18.8
183 6.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 89.685 ng
RT: 13.183 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF132370.D
Acq: 08 Feb 2023 22:23

Tgt Ion:244 Resp: 1564716
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 11.6 10.5 15.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.818 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132370.D
 Acq: 08 Feb 2023 22:23

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:264 Resp: 270502
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 22.5 17.4 26.2

