

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127848.D
 Acq On : 19 Apr 2022 18:42
 Operator : CG\JU
 Sample : N2434-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-EDISON-PILE-1

Quant Time: Apr 20 03:54:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 17:31:18 2022
 Response via : Initial Calibration

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

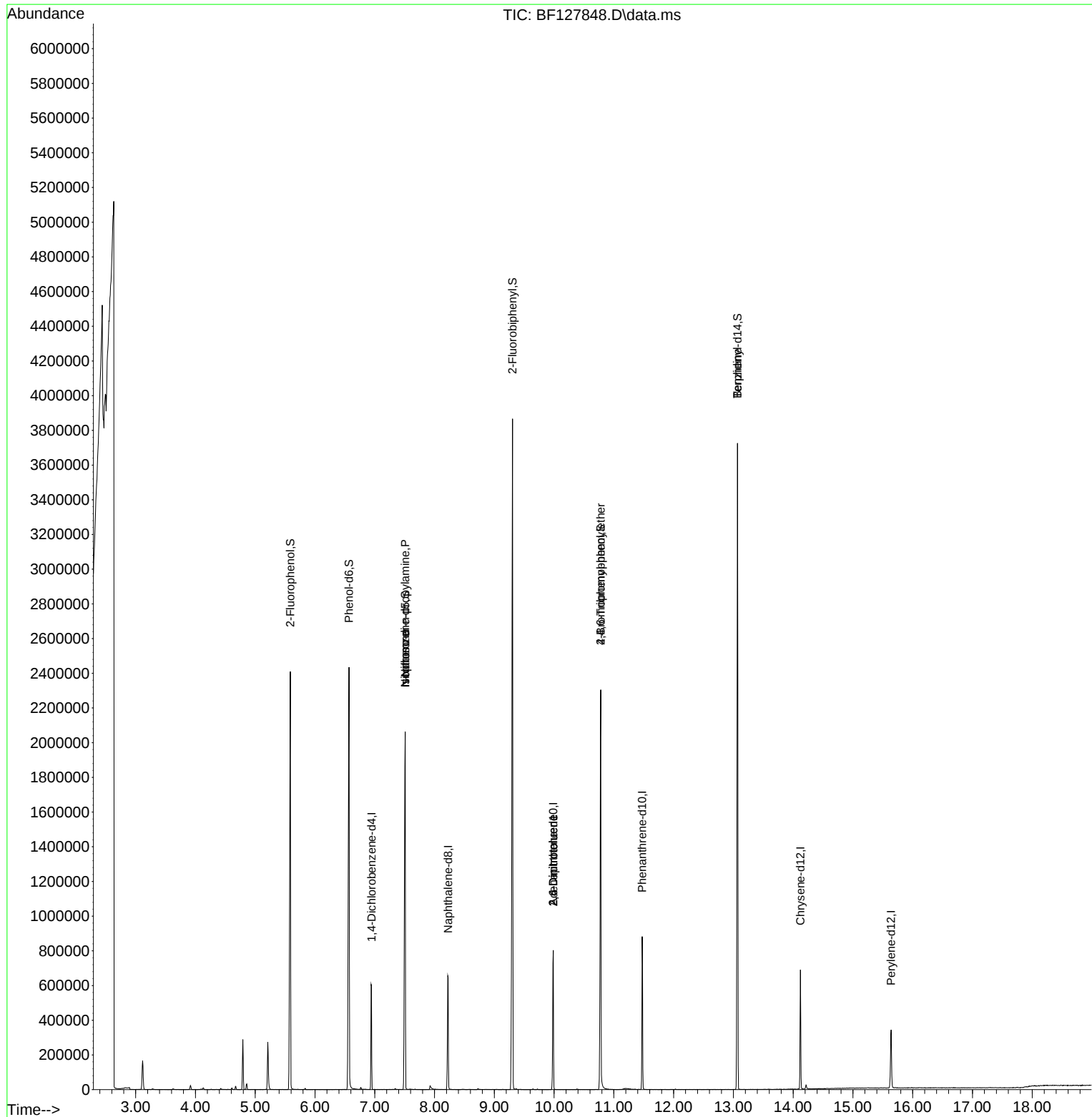
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	86828	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	308097	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	166482	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	307414	20.000	ng	0.00
76) Chrysene-d12	14.121	240	221421	20.000	ng	-0.01
86) Perylene-d12	15.639	264	163444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	596607	107.645	ng	0.02
7) Phenol-d6	6.569	99	830970	120.061	ng	0.00
23) Nitrobenzene-d5	7.510	82	821723	123.692	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	290339	143.162	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1211789	95.072	ng	0.00
79) Terphenyl-d14	13.069	244	1329018	94.213	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	116055	24.429	ng	# 75
25) Isophorone	7.510	82	815604	72.967	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	21458	8.630	ng	# 18
57) 2,4-Dinitrotoluene	9.986	165	21458	6.892	ng	# 14
67) 4-Bromophenyl-phenylether	10.780	248	19120	4.589	ng	# 1
77) Benzidine	13.069	184	20332	3.559	ng	# 88

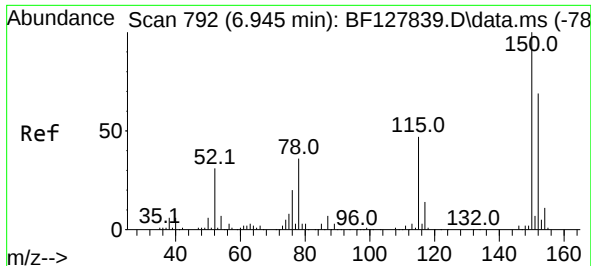
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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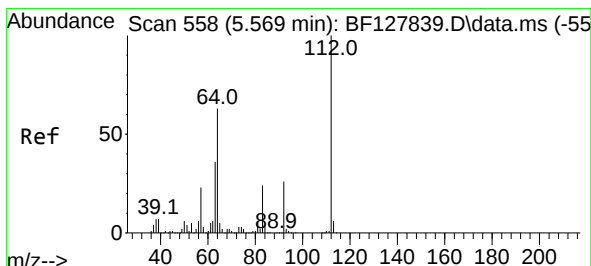
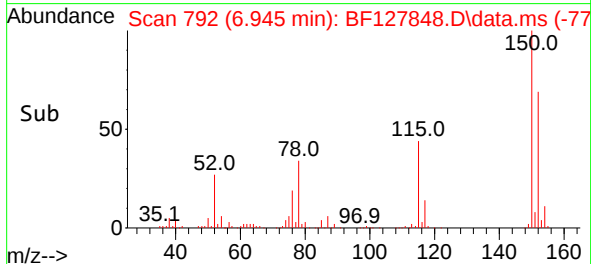
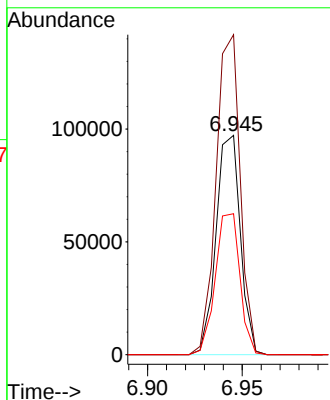
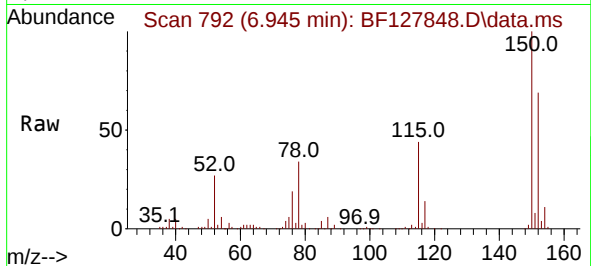




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: BF127848.D
 Acq: 19 Apr 2022 18:42

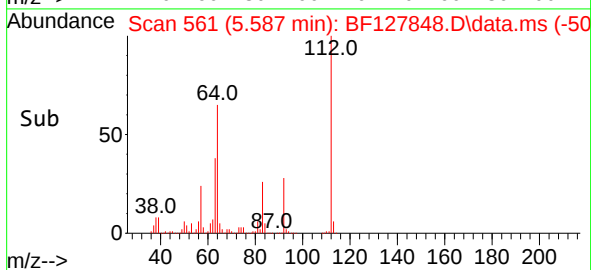
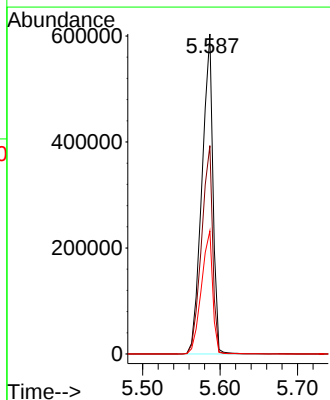
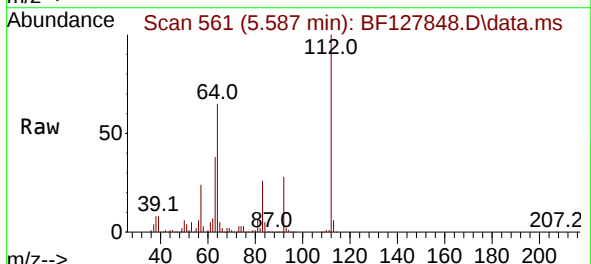
Instrument :
 BNA_F
 ClientSampleId :
 RCA-EDISON-PILE-1

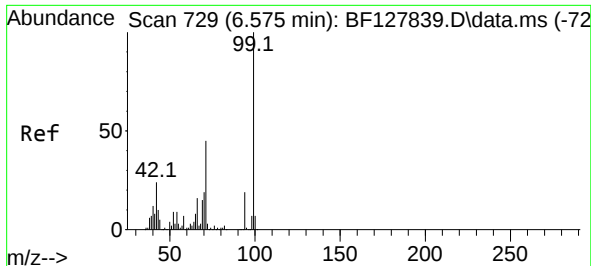
Tgt Ion:152 Resp: 86828
 Ion Ratio Lower Upper
 152 100
 150 145.9 117.2 175.8
 115 64.3 49.8 74.6



#5
 2-Fluorophenol
 Concen: 107.645 ng
 RT: 5.587 min Scan# 561
 Delta R.T. 0.018 min
 Lab File: BF127848.D
 Acq: 19 Apr 2022 18:42

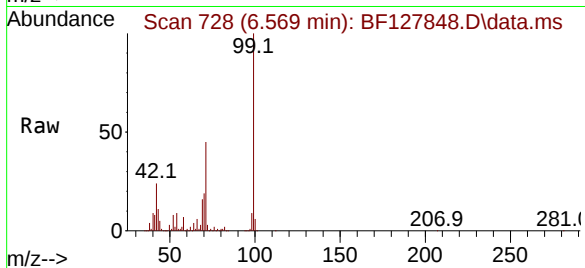
Tgt Ion:112 Resp: 596607
 Ion Ratio Lower Upper
 112 100
 64 65.1 58.4 87.6
 63 38.4 30.1 45.1



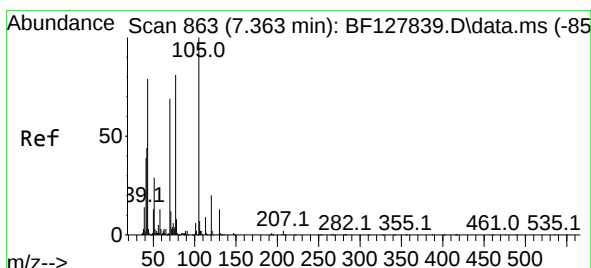
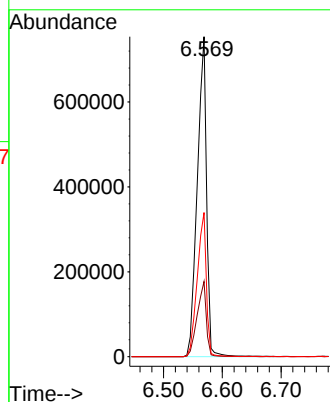
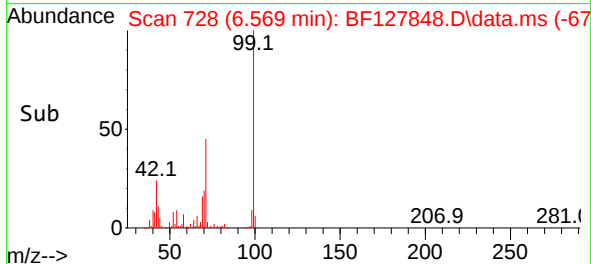


#7
Phenol-d6
Concen: 120.061 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-PILE-1

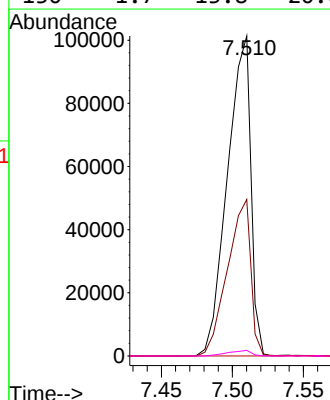
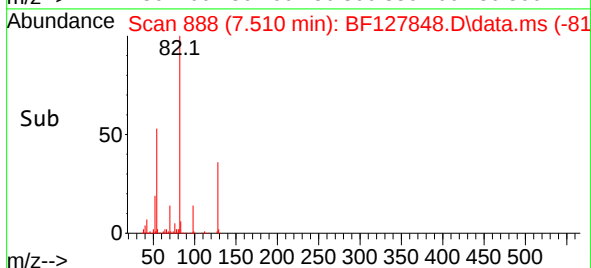
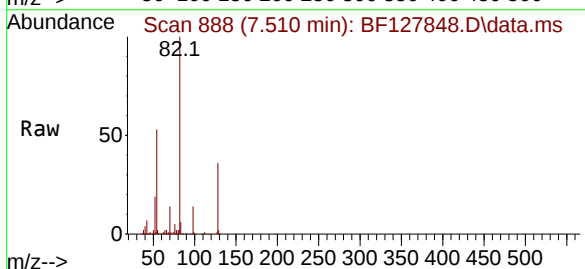


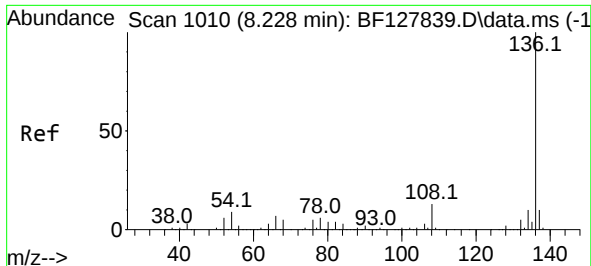
Tgt Ion: 99 Resp: 830970
Ion Ratio Lower Upper
99 100
42 23.5 17.8 26.6
71 45.0 29.6 44.4#



#19
n-Nitroso-di-n-propylamine
Concen: 24.429 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

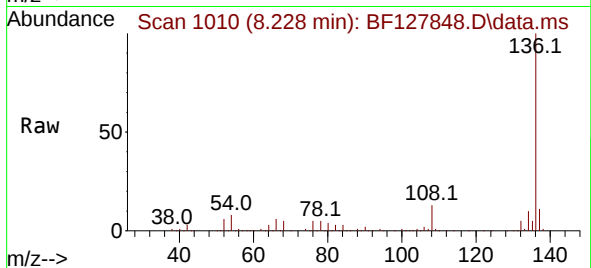
Tgt Ion: 70 Resp: 116055
Ion Ratio Lower Upper
70 100
42 48.9 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



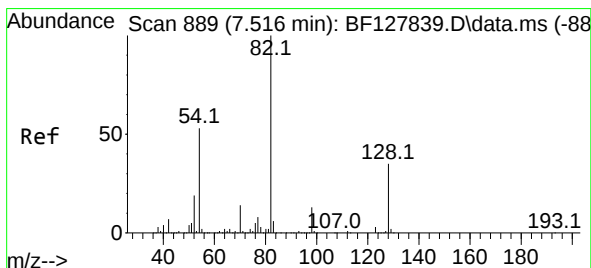
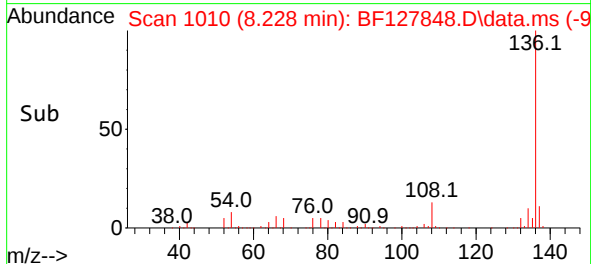
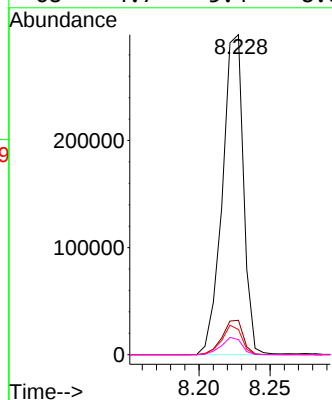


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-PILE-1

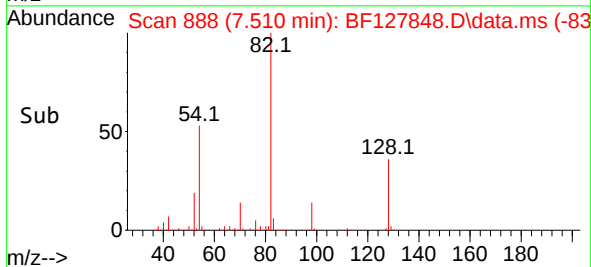
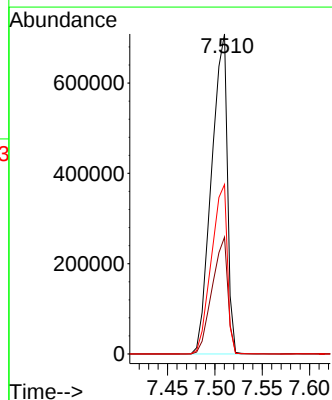
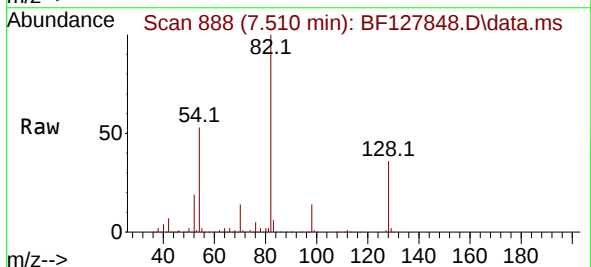


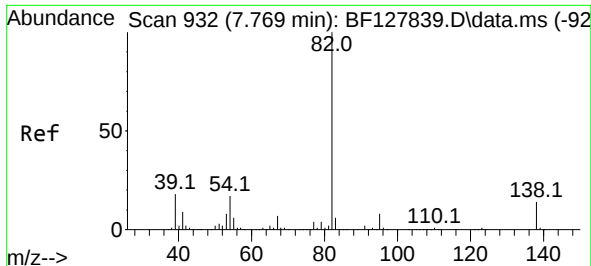
Tgt Ion:	136	Resp:	308097
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.8	9.2	13.8#
68	4.7	5.4	8.0#



#23
Nitrobenzene-d5
Concen: 123.692 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

Tgt Ion:	82	Resp:	821723
Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.6	45.8
54	52.9	48.2	72.2

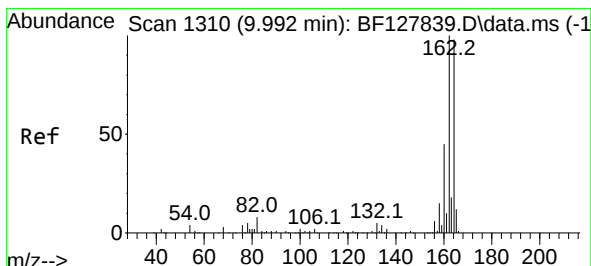
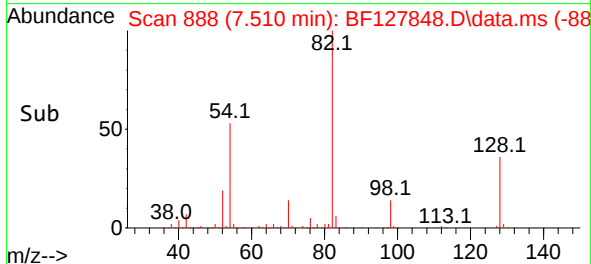
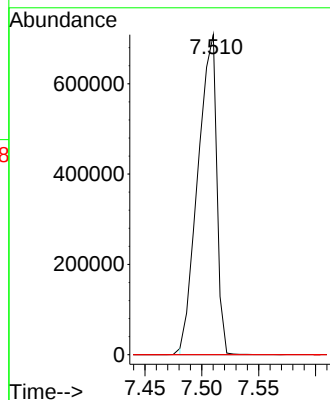
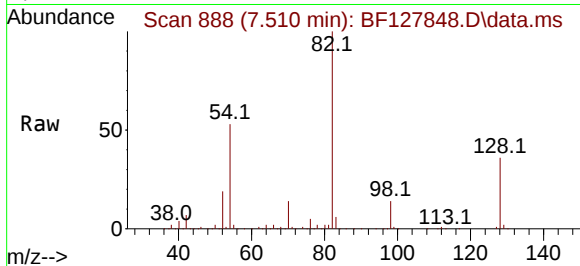




#25
Isophorone
Concen: 72.967 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

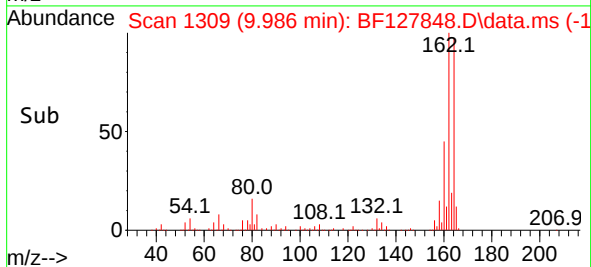
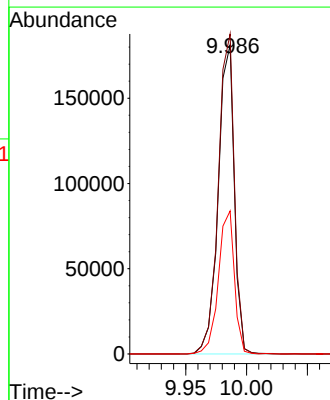
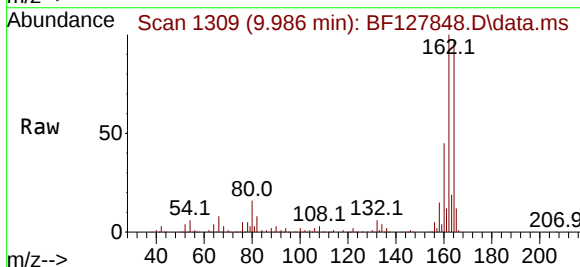
Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-PILE-1

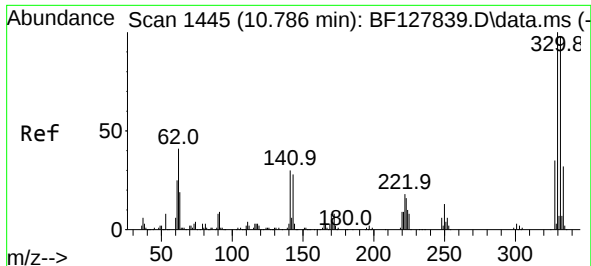
Tgt Ion: 82 Resp: 815604
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

Tgt Ion:164 Resp: 166482
Ion Ratio Lower Upper
164 100
162 103.5 81.2 121.8
160 46.3 34.6 52.0

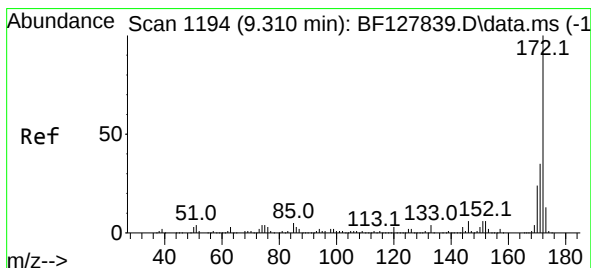
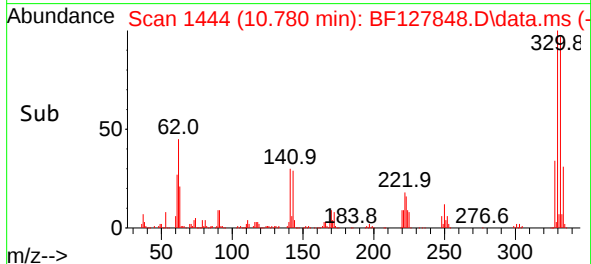
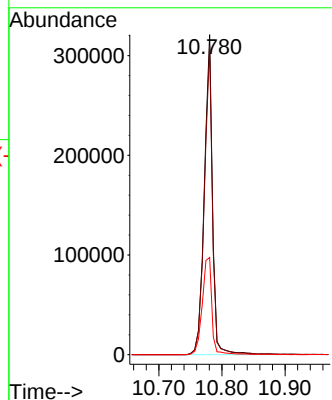
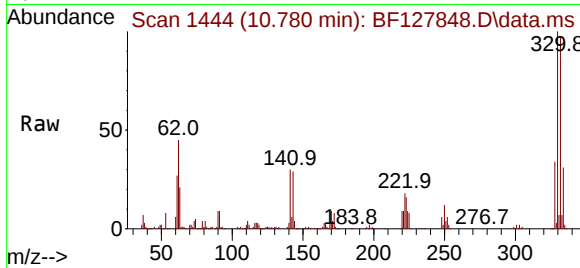




#42
 2,4,6-Tribromophenol
 Concen: 143.162 ng
 RT: 10.780 min Scan# 1444
 Delta R.T. -0.006 min
 Lab File: BF127848.D
 Acq: 19 Apr 2022 18:42

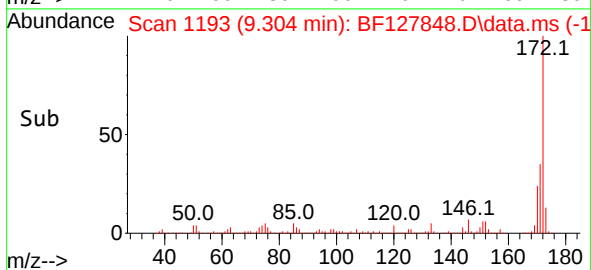
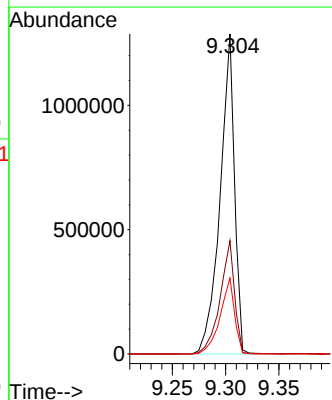
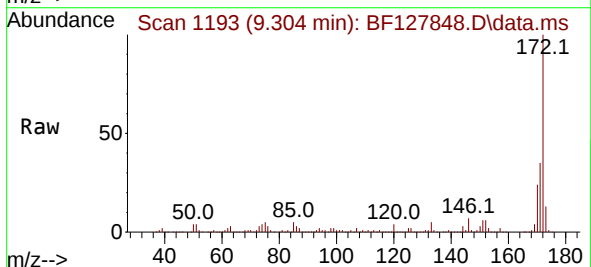
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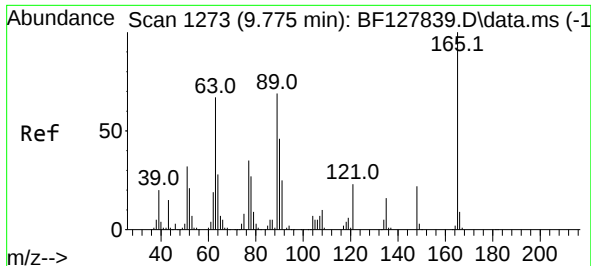
Tgt Ion:330 Resp: 290339
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.1 118.7
 141 35.7 26.2 39.4



#45
 2-Fluorobiphenyl
 Concen: 95.072 ng
 RT: 9.304 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF127848.D
 Acq: 19 Apr 2022 18:42

Tgt Ion:172 Resp: 1211789
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.4 42.6
 170 23.7 18.6 27.8

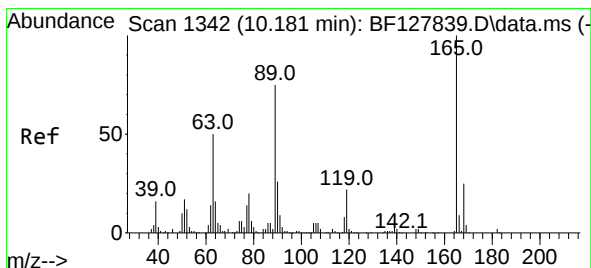
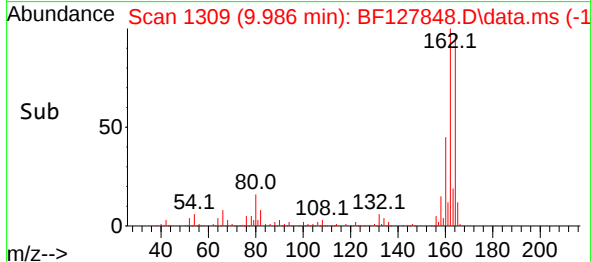
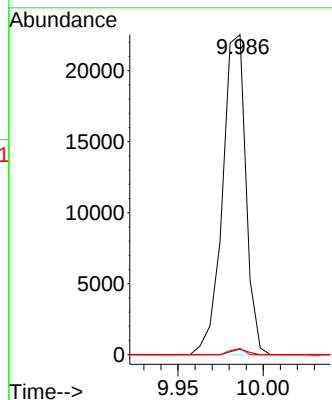
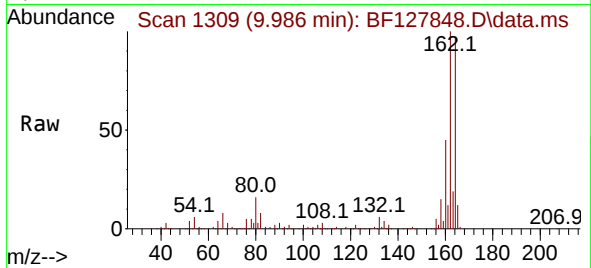




#51
2,6-Dinitrotoluene
Concen: 8.630 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

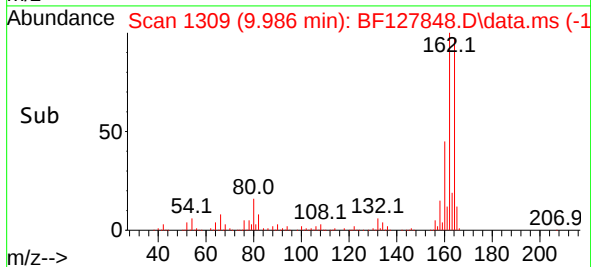
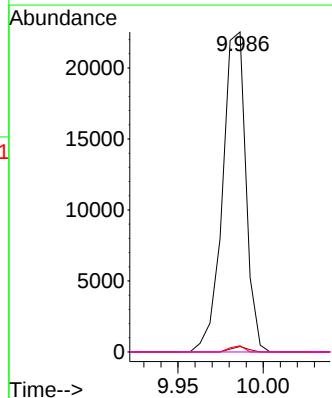
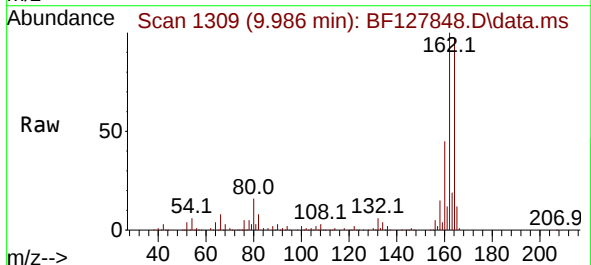
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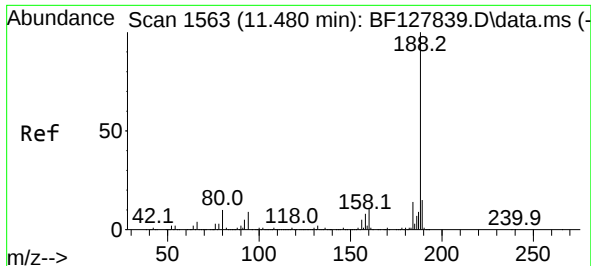
Tgt Ion:165 Resp: 21458
Ion Ratio Lower Upper
165 100
63 1.7 58.3 87.5#
89 1.9 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 6.892 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.194 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

Tgt Ion:165 Resp: 21458
Ion Ratio Lower Upper
165 100
63 1.7 53.1 79.7#
89 1.9 69.2 103.8#
182 0.0 2.2 3.2#

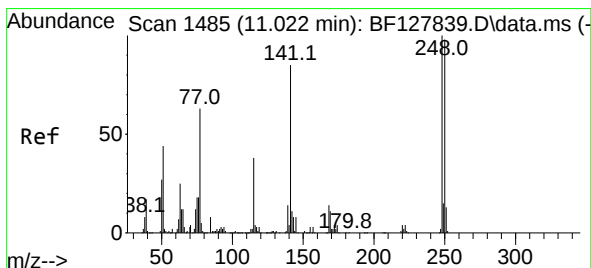
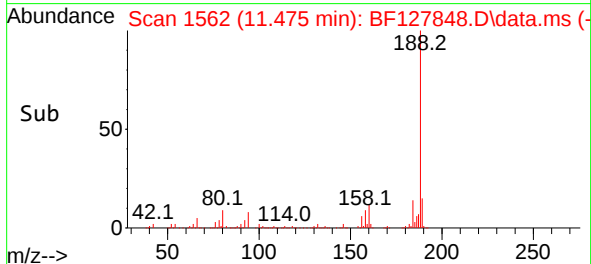
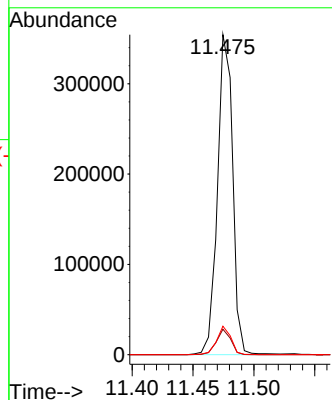
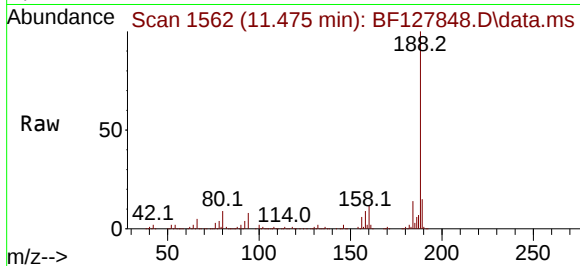




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

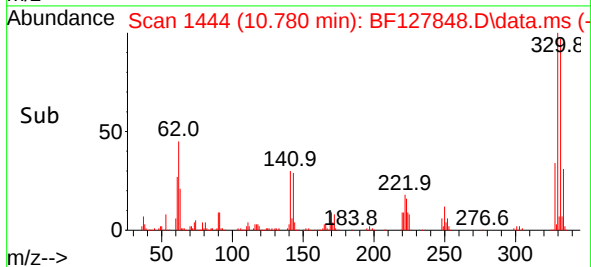
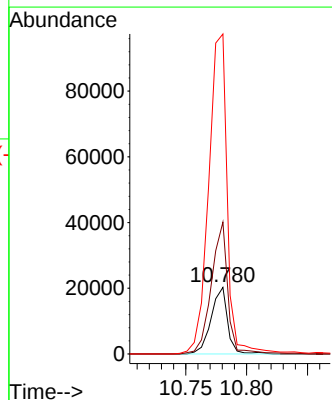
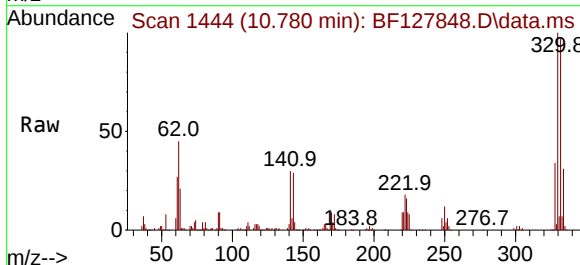
Instrument :
BNA_F
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RCA-EDISON-PILE-1

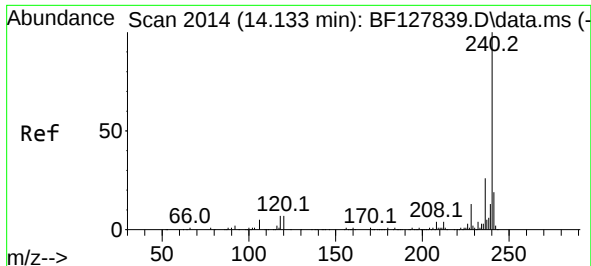
Tgt Ion:188 Resp: 307414
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.0
80 8.9 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.589 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.241 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

Tgt Ion:248 Resp: 19120
Ion Ratio Lower Upper
248 100
250 197.9 76.6 115.0#
141 480.5 52.2 78.2#

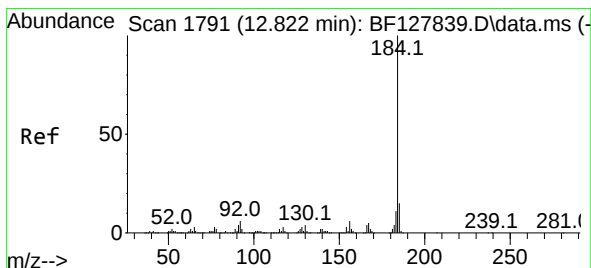
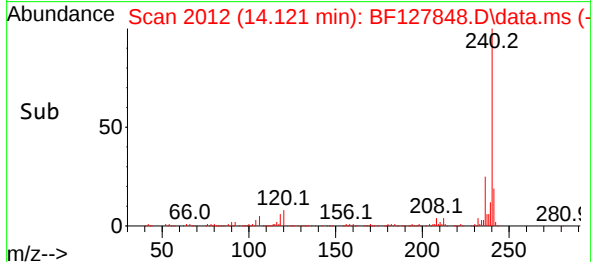
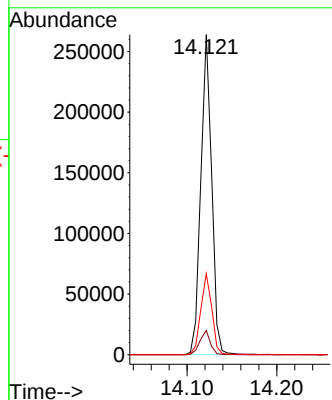
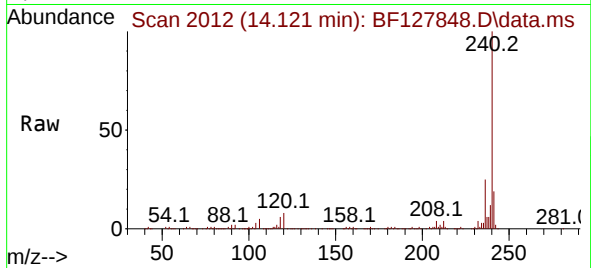




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

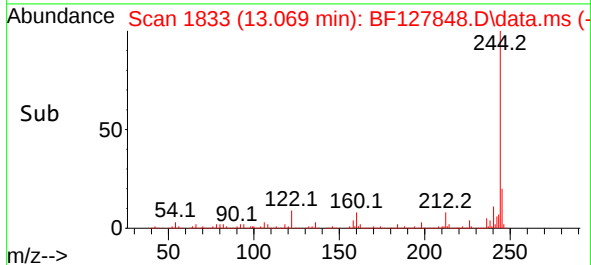
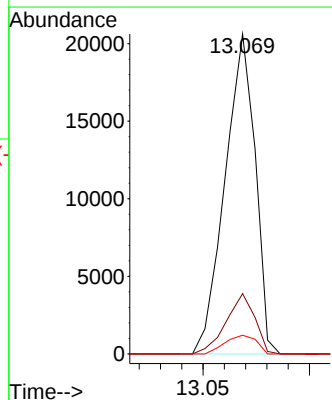
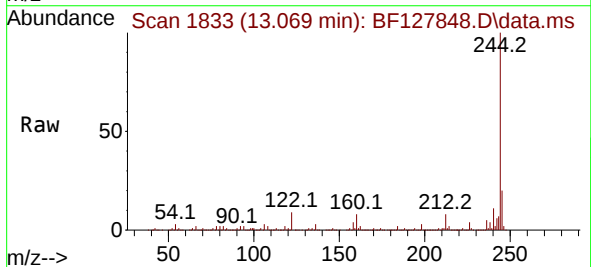
Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-PILE-1

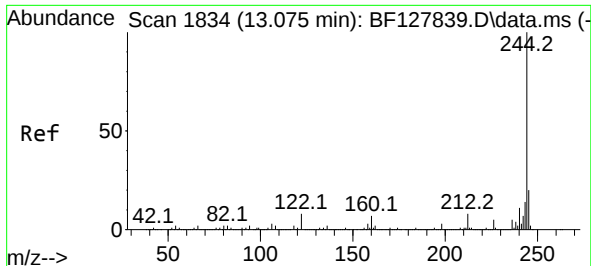
Tgt Ion:240 Resp: 221421
Ion Ratio Lower Upper
240 100
120 7.5 7.1 10.7
236 25.3 20.7 31.1



#77
Benzidine
Concen: 3.559 ng
RT: 13.069 min Scan# 1833
Delta R.T. 0.247 min
Lab File: BF127848.D
Acq: 19 Apr 2022 18:42

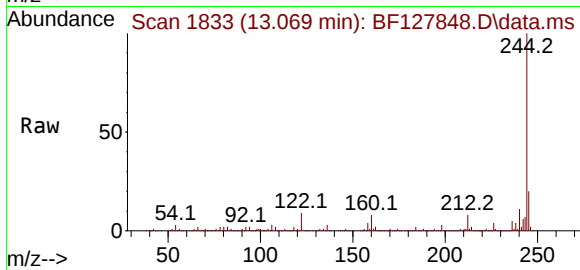
Tgt Ion:184 Resp: 20332
Ion Ratio Lower Upper
184 100
185 18.8 12.2 18.2#
183 5.8 9.4 14.0#



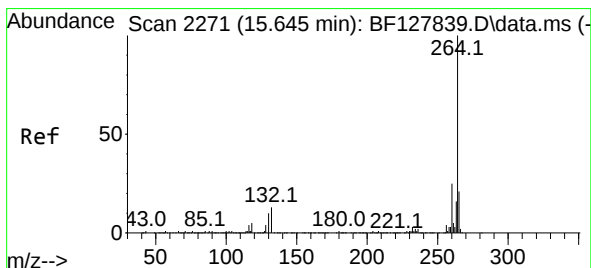
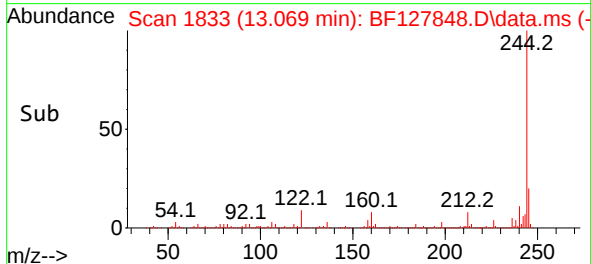
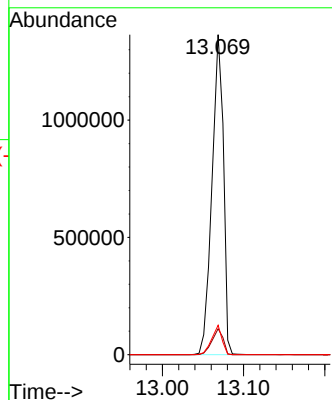


#79
 Terphenyl-d14
 Concen: 94.213 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127848.D
 Acq: 19 Apr 2022 18:42

Instrument :
 BNA_F
 ClientSampleId :
 RCA-EDISON-PILE-1



Tgt Ion:244 Resp: 1329018
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 9.2 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF127848.D
 Acq: 19 Apr 2022 18:42

Tgt Ion:264 Resp: 163444
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.0 17.4 26.2

