

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132616.D
 Acq On : 02 Mar 2023 19:46
 Operator : CG\JU
 Sample : 01749-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-13

Quant Time: Mar 03 00:38:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

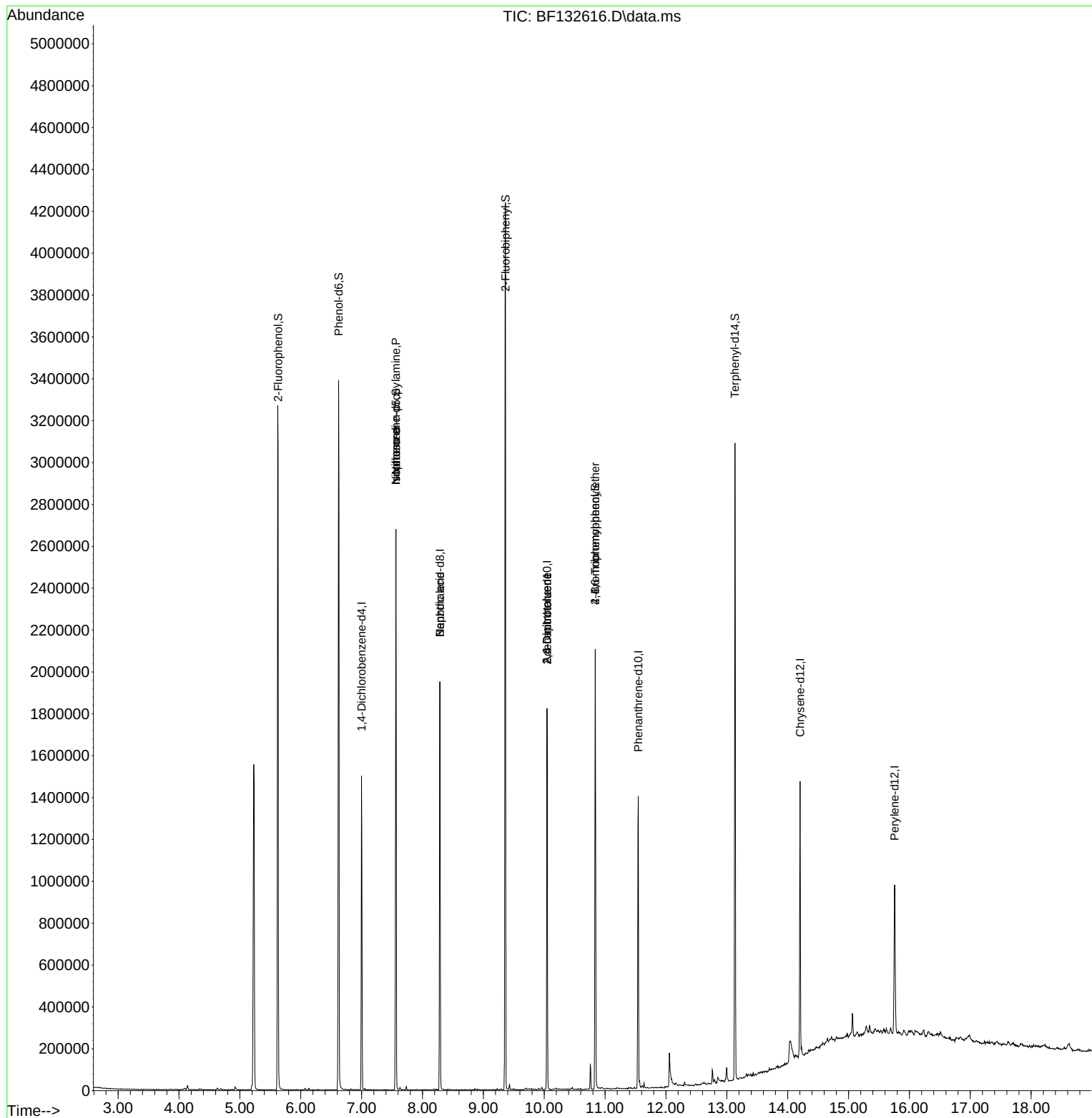
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	210749	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	763337	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	347080	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	534118	20.000	ng	0.00
76) Chrysene-d12	14.204	240	419420	20.000	ng	0.00
86) Perylene-d12	15.757	264	345696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	965478	74.351	ng	0.00
7) Phenol-d6	6.622	99	1261111	74.415	ng	-0.01
23) Nitrobenzene-d5	7.563	82	826600	51.376	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	226961	60.550	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1293566	56.750	ng	0.00
79) Terphenyl-d14	13.133	244	1066277	42.983	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.563	70	108528	10.405	ng	# 76
25) Isophorone	7.563	82	826594	26.797	ng	# 67
32) Benzoic acid	8.287	122	189	3.854	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	46362	8.055	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	46362	6.055	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	14357	2.376	ng	# 1

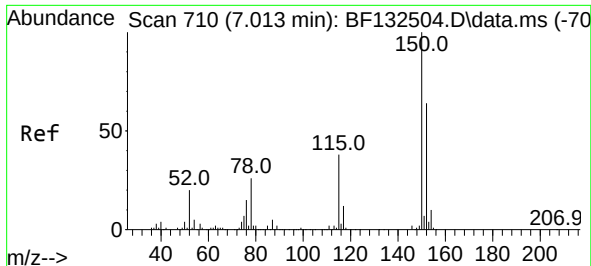
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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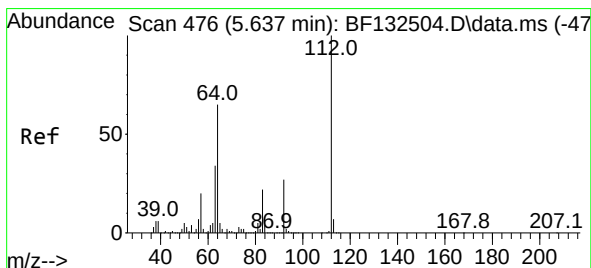
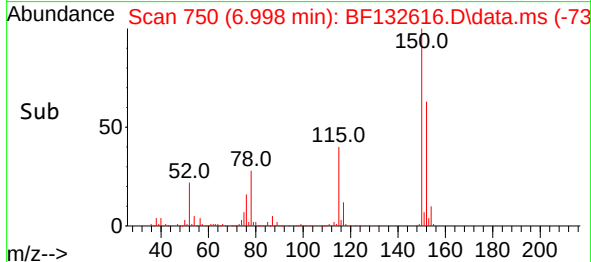
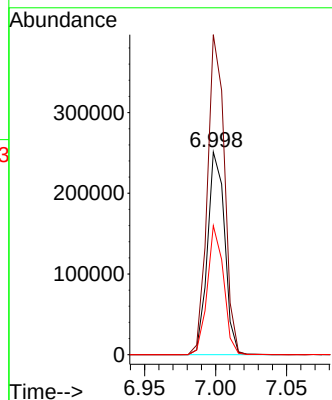
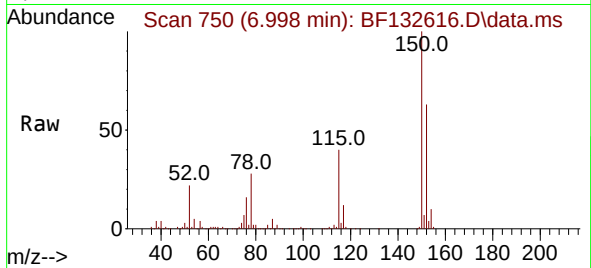




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

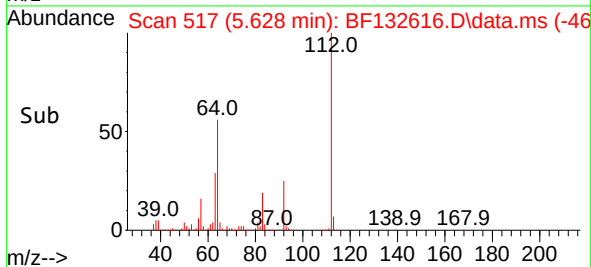
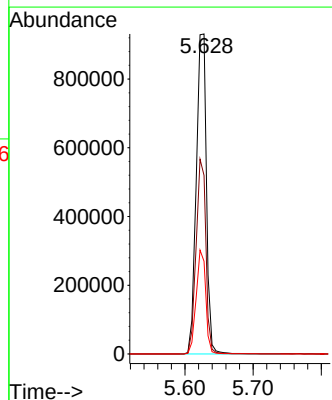
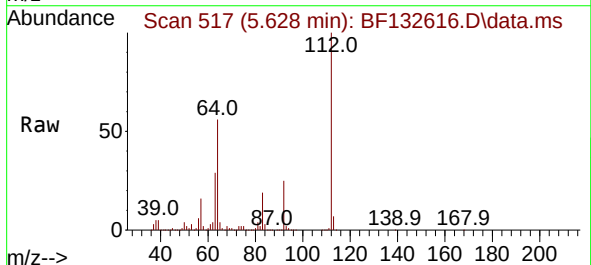
Instrument :
BNA_F
ClientSampleId :
CF-13

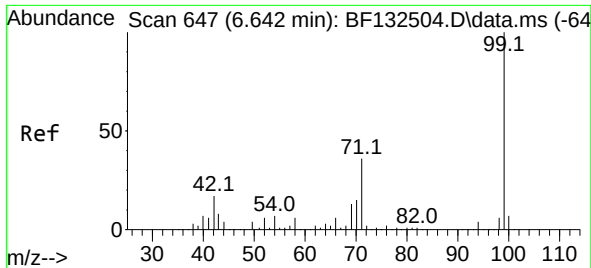
Tgt Ion:152 Resp: 210749
Ion Ratio Lower Upper
152 100
150 157.9 125.4 188.2
115 63.6 47.8 71.6



#5
2-Fluorophenol
Concen: 74.351 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion:112 Resp: 965478
Ion Ratio Lower Upper
112 100
64 55.8 51.6 77.4
63 29.0 27.4 41.2

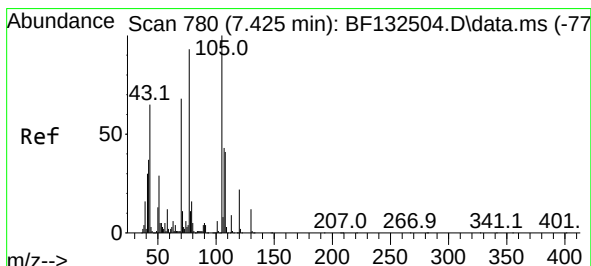
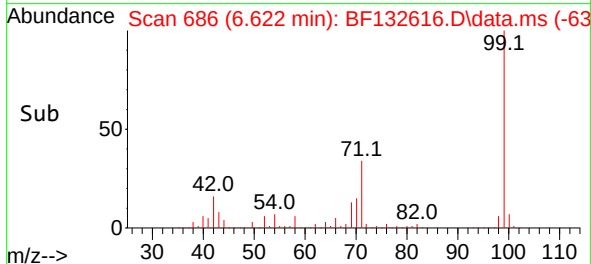
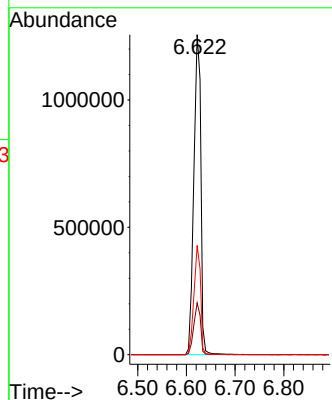
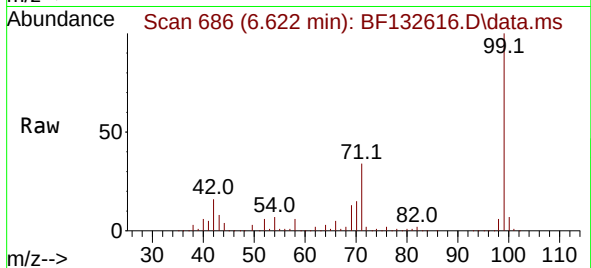




#7
Phenol-d6
Concen: 74.415 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

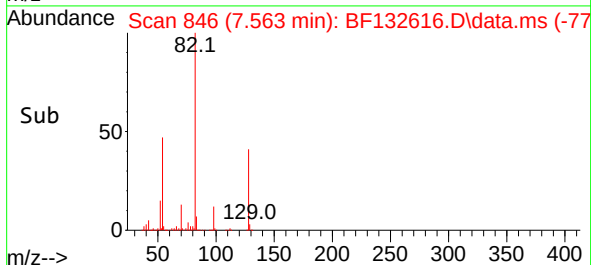
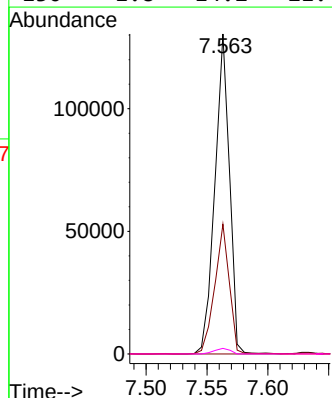
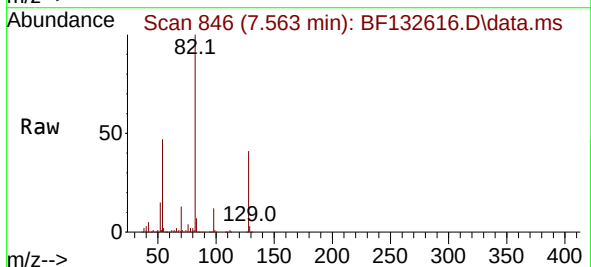
Instrument :
BNA_F
ClientSampleId :
CF-13

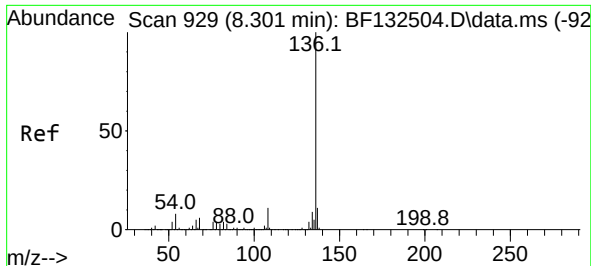
Tgt Ion: 99 Resp: 1261111
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 34.2 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.405 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion: 70 Resp: 108528
Ion Ratio Lower Upper
70 100
42 40.6 44.1 66.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#

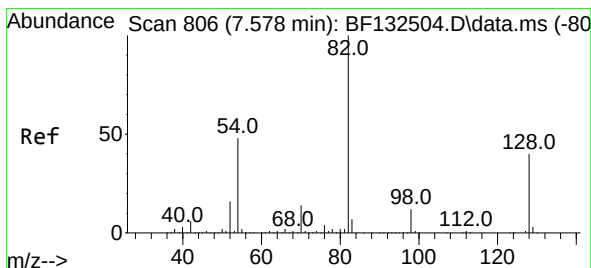
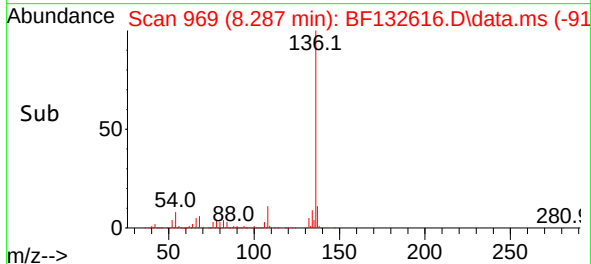
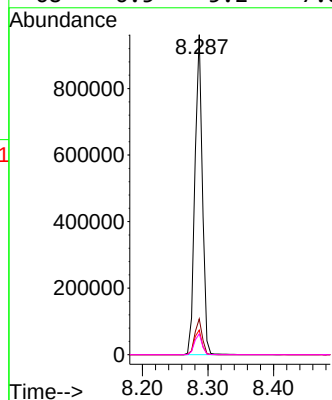
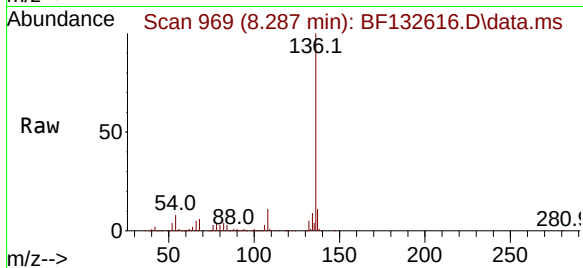




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

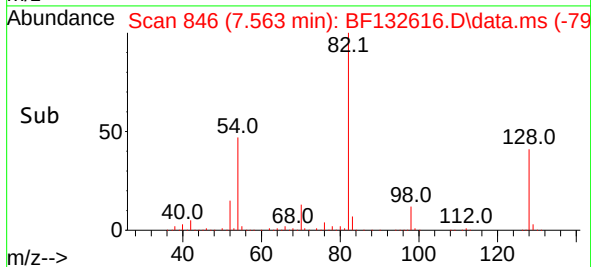
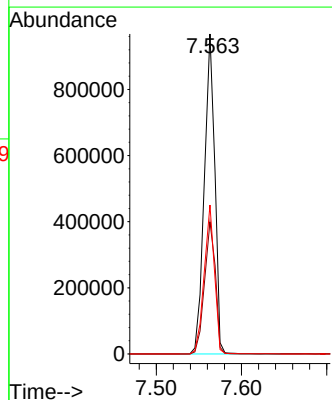
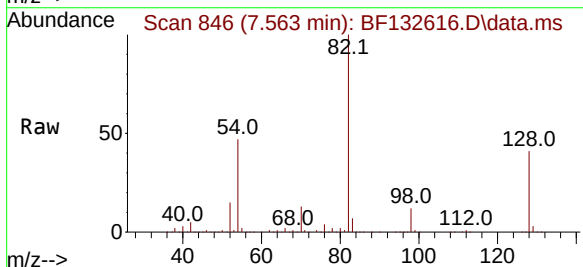
Instrument :
BNA_F
ClientSampleId :
CF-13

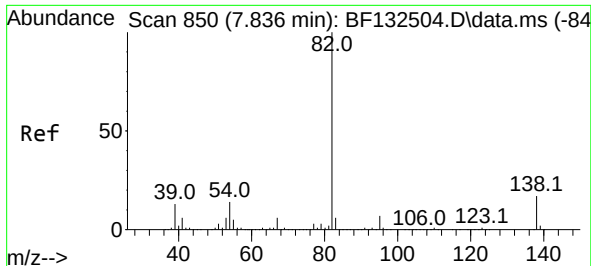
Tgt Ion:136 Resp: 763337
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 6.2 9.4
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 51.376 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion: 82 Resp: 826600
Ion Ratio Lower Upper
82 100
128 41.3 32.2 48.2
54 46.5 38.4 57.6

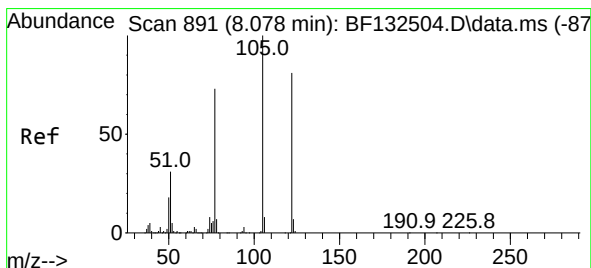
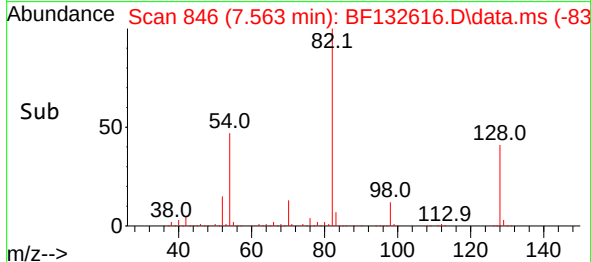
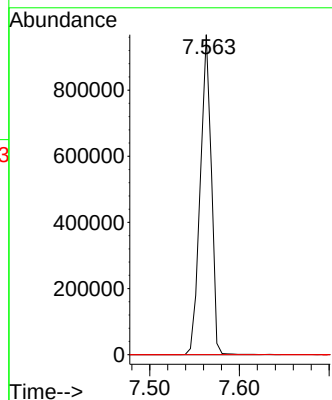
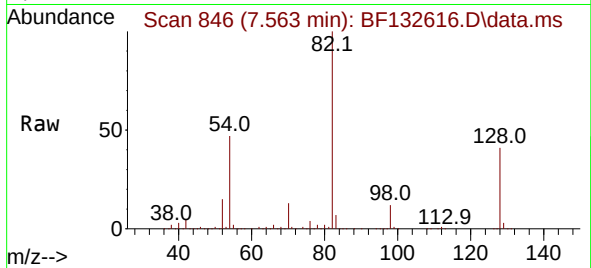




#25
Isophorone
Concen: 26.797 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

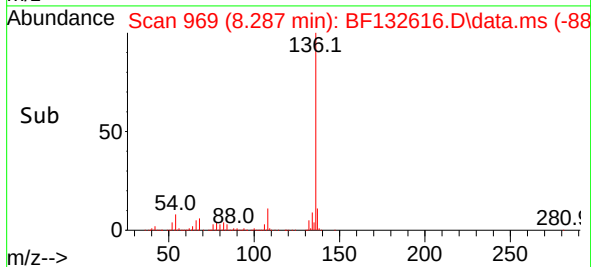
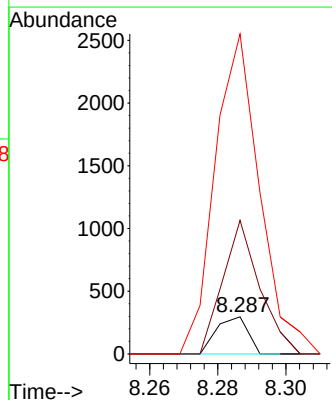
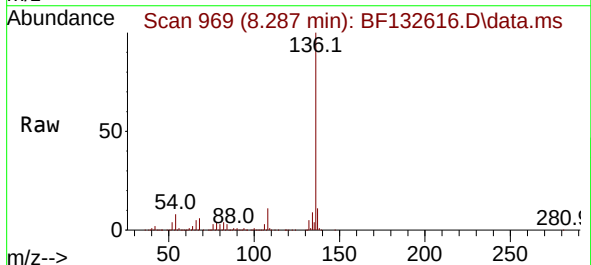
Instrument :
BNA_F
ClientSampleId :
CF-13

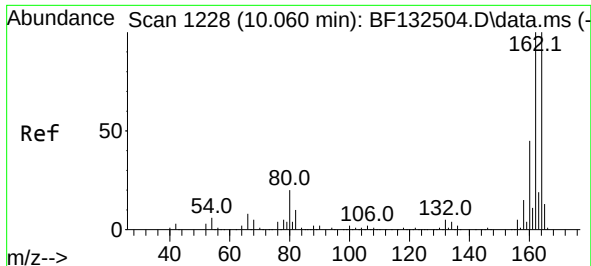
Tgt Ion: 82 Resp: 826594
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.854 ng
RT: 8.287 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion:122 Resp: 189
Ion Ratio Lower Upper
122 100
105 361.0 102.6 142.6#
77 864.7 70.2 110.2#

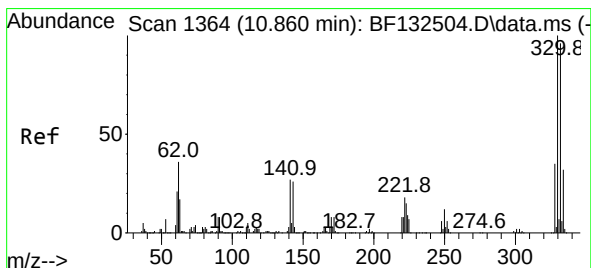
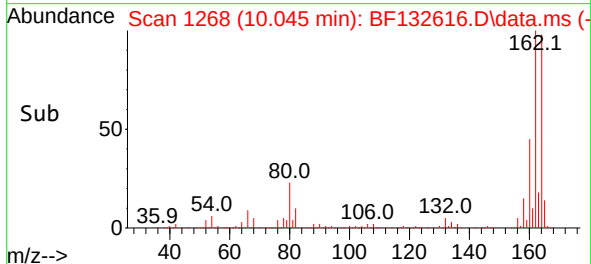
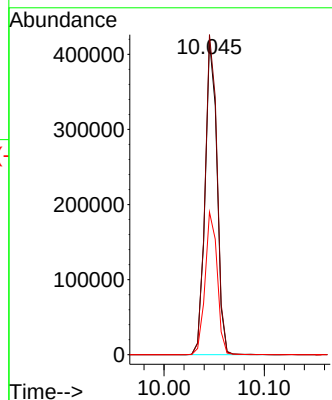
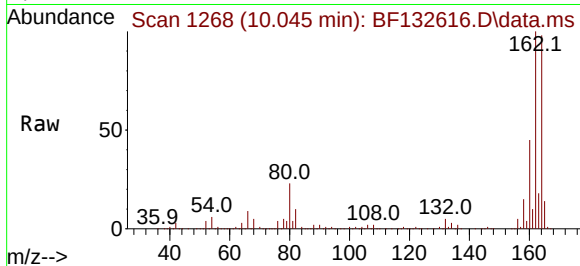




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

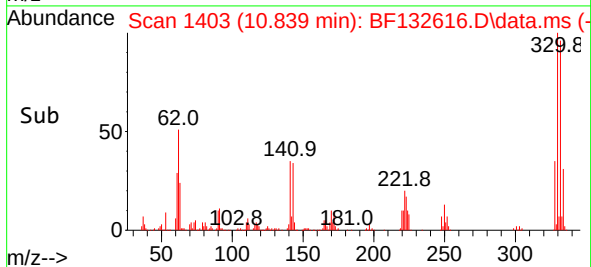
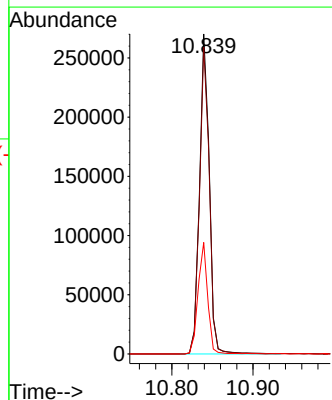
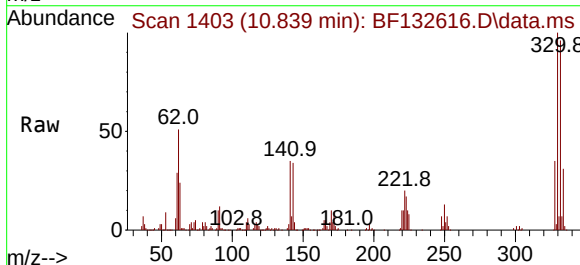
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CF-13

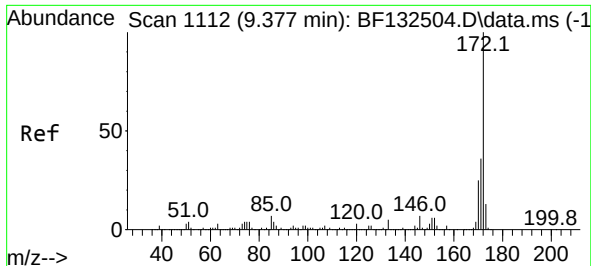
Tgt Ion:164 Resp: 347080
Ion Ratio Lower Upper
164 100
162 101.9 79.8 119.8
160 45.4 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 60.550 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion:330 Resp: 226961
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 34.3 28.4 42.6

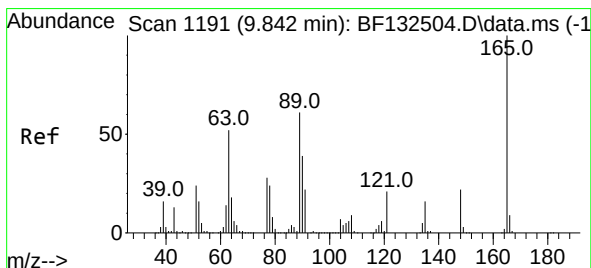
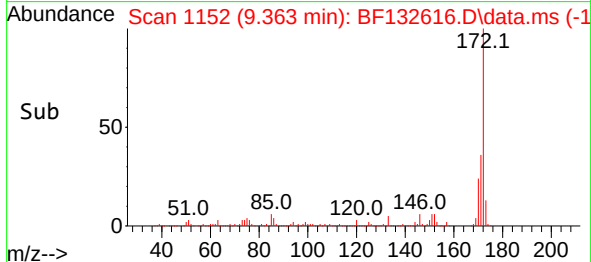
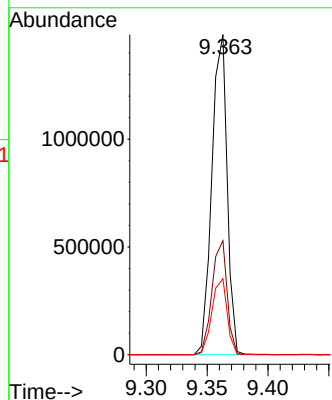
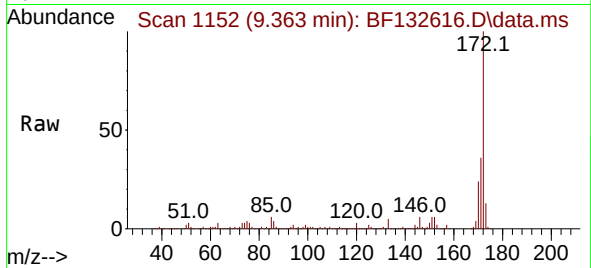




#45
2-Fluorobiphenyl
Concen: 56.750 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

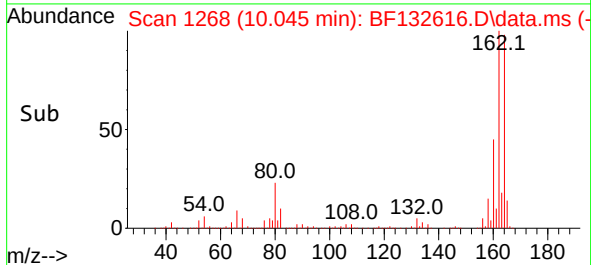
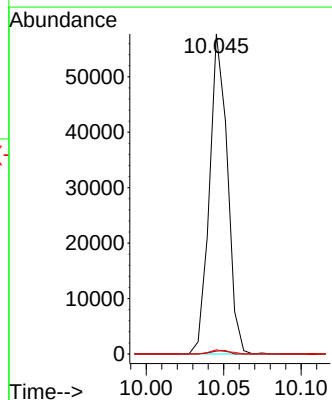
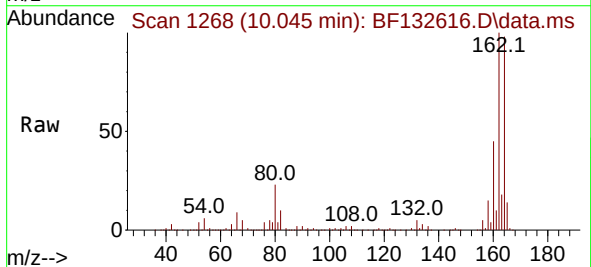
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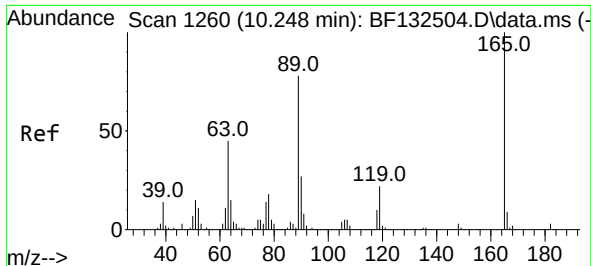
Tgt Ion:172 Resp: 1293566
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.7 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 8.055 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion:165 Resp: 46362
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 1.3 48.9 73.3#

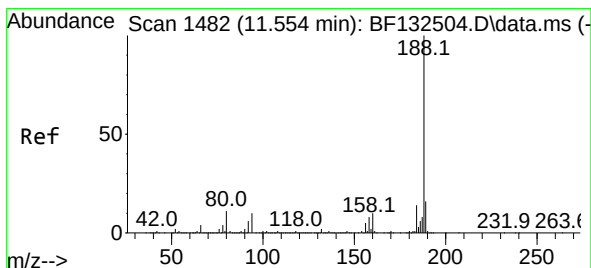
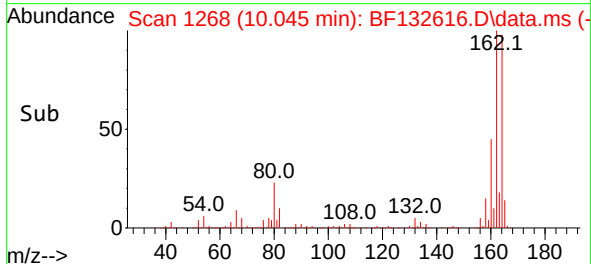
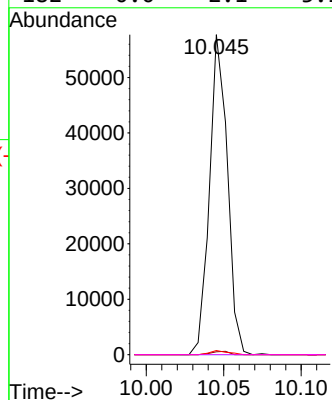
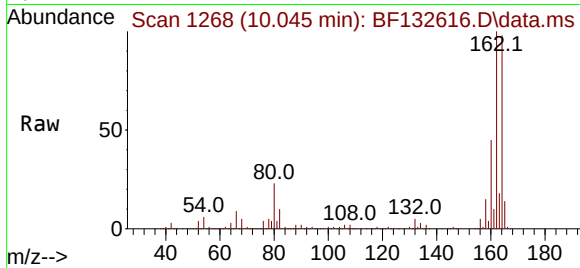




#57
2,4-Dinitrotoluene
Concen: 6.055 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

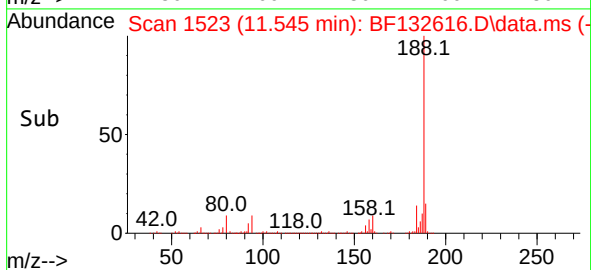
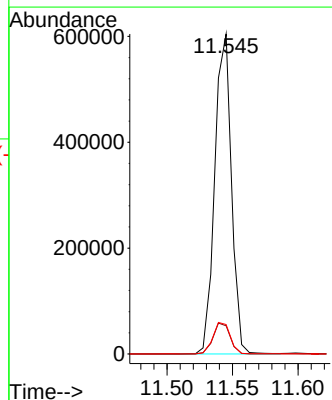
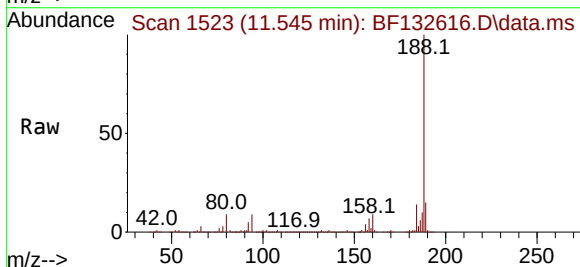
Instrument :
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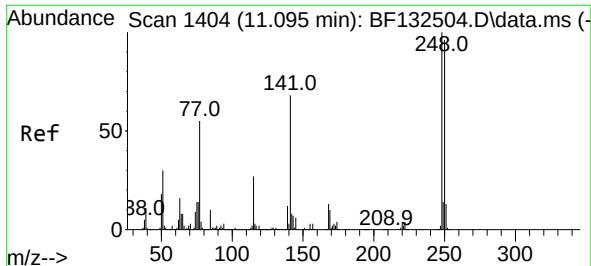
Tgt Ion:165 Resp: 46362
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion:188 Resp: 534118
Ion Ratio Lower Upper
188 100
94 8.8 8.3 12.5
80 9.2 8.7 13.1

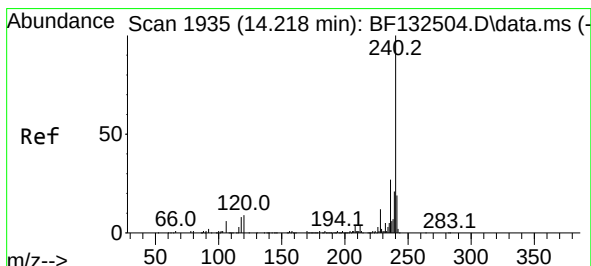
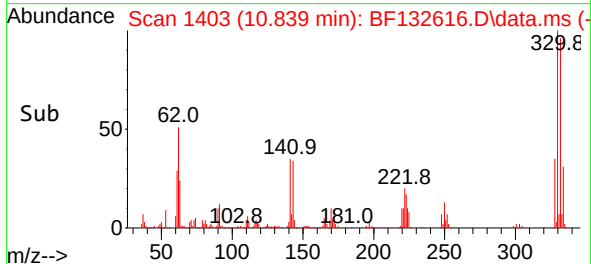
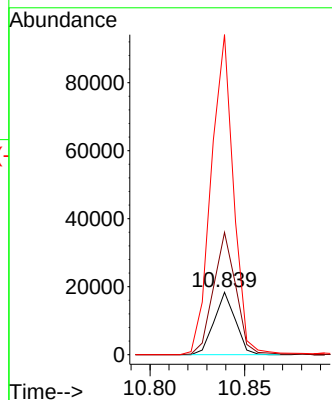
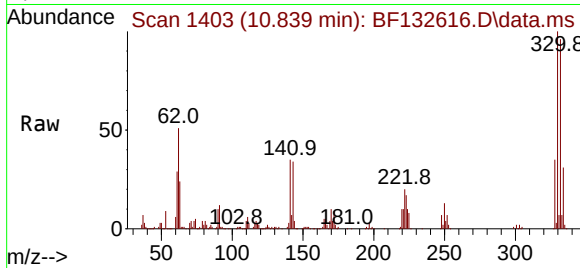




#67
4-Bromophenyl-phenylether
Concen: 2.376 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.250 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

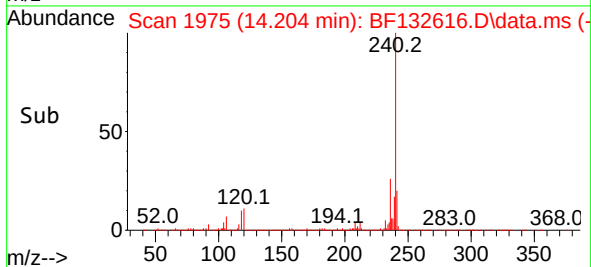
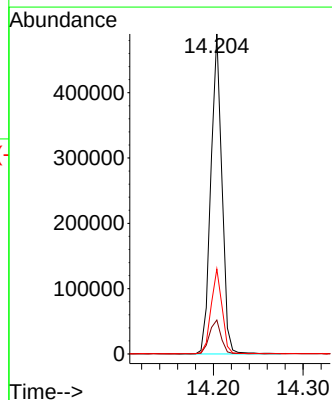
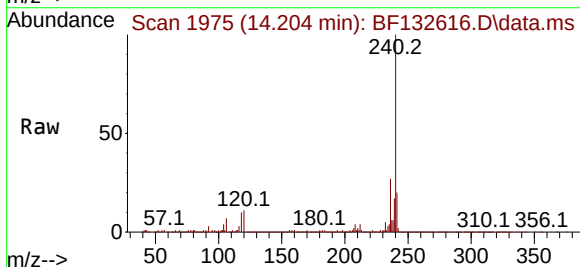
Instrument :
BNA_F
ClientSampleId :
CF-13

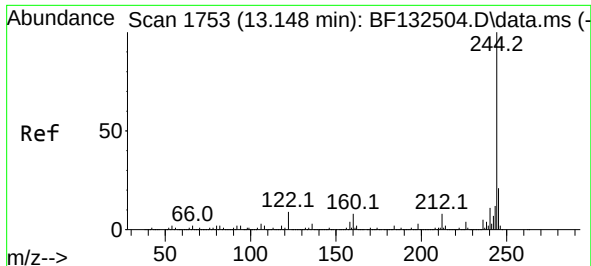
Tgt Ion:248 Resp: 14357
Ion Ratio Lower Upper
248 100
250 195.8 77.0 115.4#
141 512.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132616.D
Acq: 02 Mar 2023 19:46

Tgt Ion:240 Resp: 419420
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 26.6 21.8 32.6

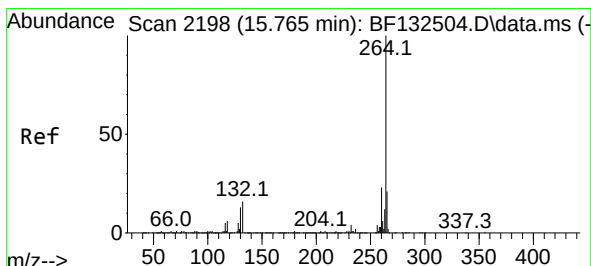
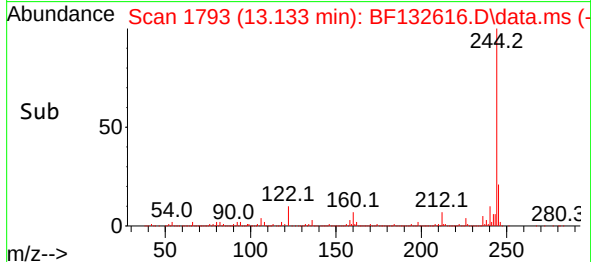
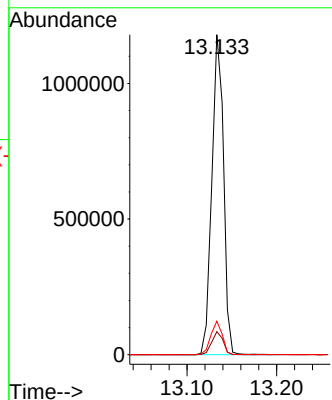
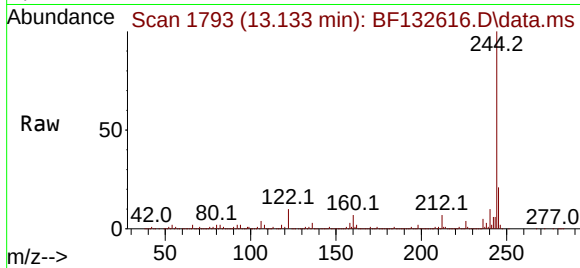




#79
 Terphenyl-d14
 Concen: 42.983 ng
 RT: 13.133 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BF132616.D
 Acq: 02 Mar 2023 19:46

Instrument :
 BNA_F
 ClientSampleId :
 CF-13

Tgt Ion:244 Resp: 1066277
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 10.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132616.D
 Acq: 02 Mar 2023 19:46

Tgt Ion:264 Resp: 345696
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.8 28.2
 265 21.7 17.1 25.7

