

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127213.D
 Acq On : 04 Mar 2022 21:03
 Operator : CG\JU
 Sample : N1774-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-B

Quant Time: Mar 05 02:22:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

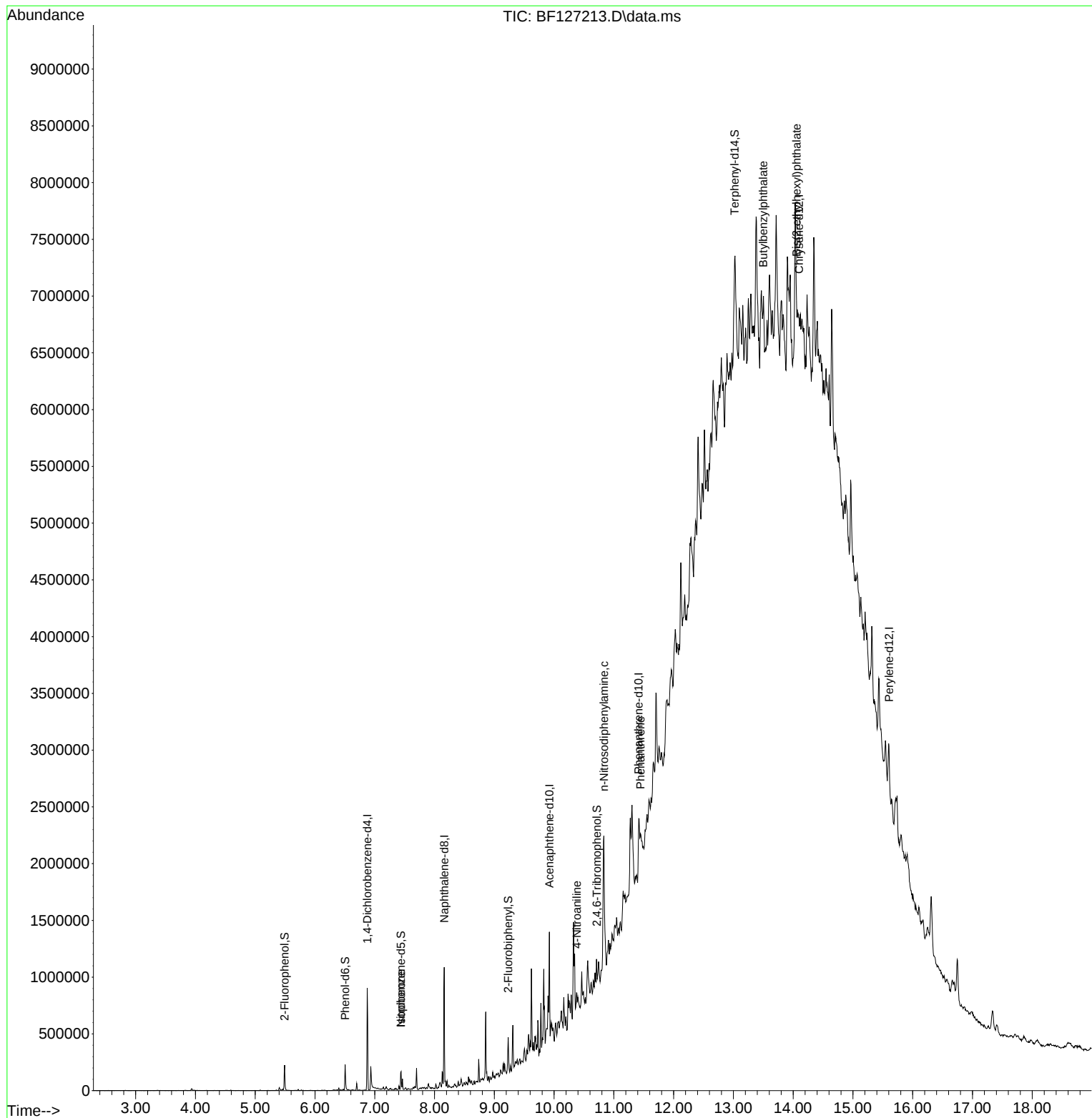
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	111899	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	412720	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	169544	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	232751	20.000	ng	0.00
76) Chrysene-d12	14.098	240	162271	20.000	ng	# 0.04
86) Perylene-d12	15.604	264	142975	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	54953	7.590	ng	0.00
7) Phenol-d6	6.504	99	73810	7.555	ng	-0.01
23) Nitrobenzene-d5	7.439	82	48524	5.307	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	13341	6.834	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	76910	6.678	ng	0.00
79) Terphenyl-d14	13.021	244	53186	4.818	ng	0.02
Target Compounds						
						Qvalue
25) Isophorone	7.439	82	48082	3.178	ng	# 69
62) 4-Nitroaniline	10.380	138	7724	2.595	ng	78
66) n-Nitrosodiphenylamine	10.833	169	32184	4.217	ng	94
71) Phenanthrene	11.445	178	64575	4.957	ng	# 78
80) Butylbenzylphthalate	13.498	149	25540	3.827	ng	# 65
84) Bis(2-ethylhexyl)phtha...	14.057	149	35340	4.033	ng	# 68

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

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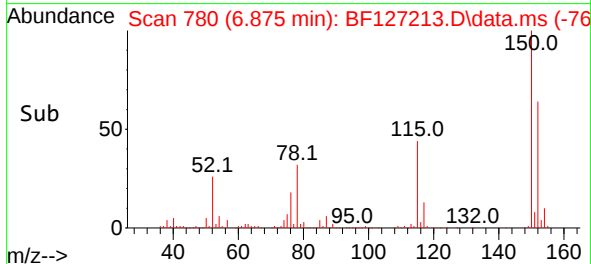
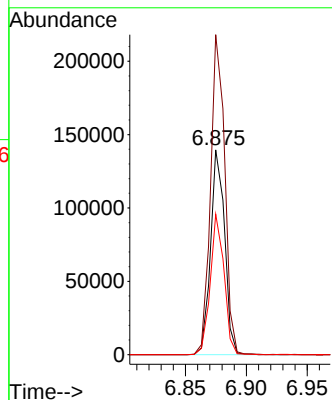
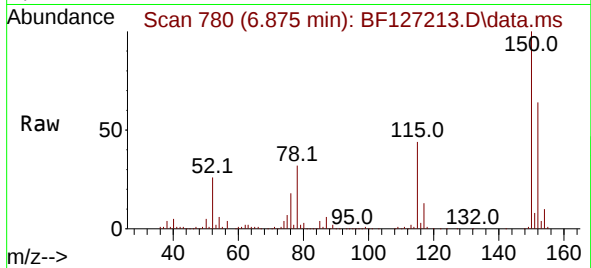




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

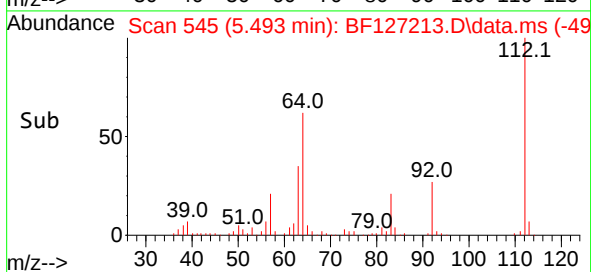
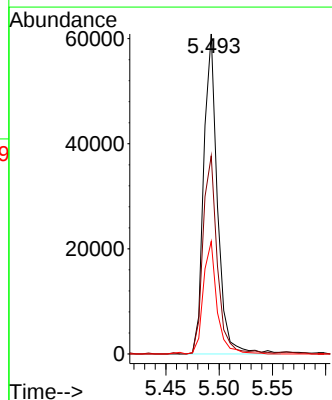
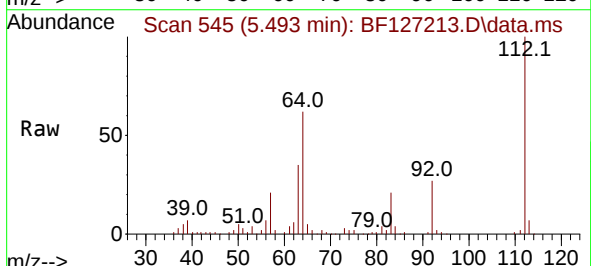
Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-B

Tgt Ion:152 Resp: 111899
Ion Ratio Lower Upper
152 100
150 156.3 128.1 192.1
115 68.6 56.7 85.1



#5
2-Fluorophenol
Concen: 7.590 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.006 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

Tgt Ion:112 Resp: 54953
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 35.1 23.9 35.9

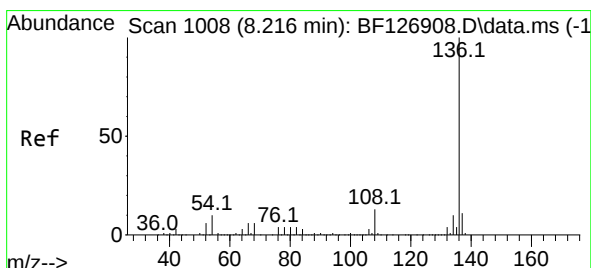
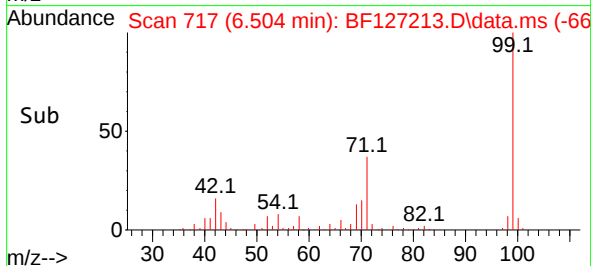
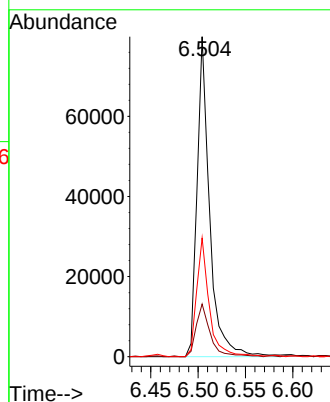
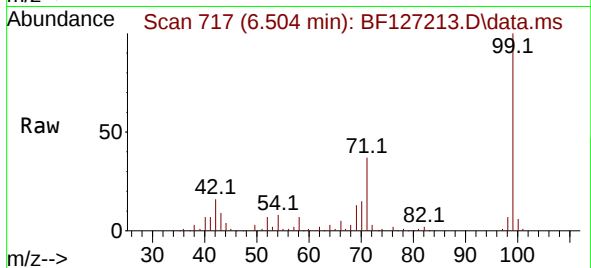




#7
Phenol-d6
Concen: 7.555 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

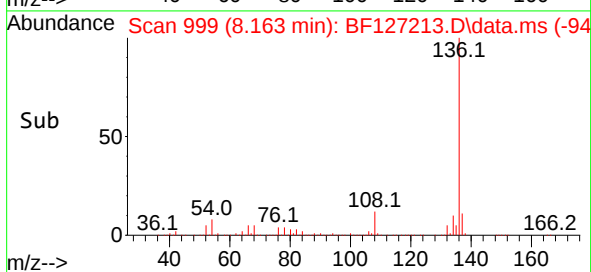
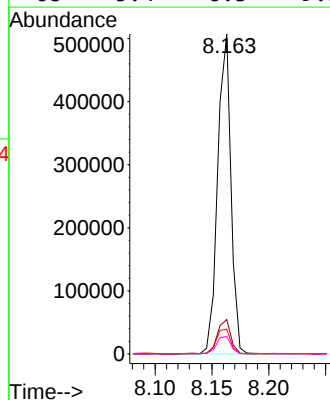
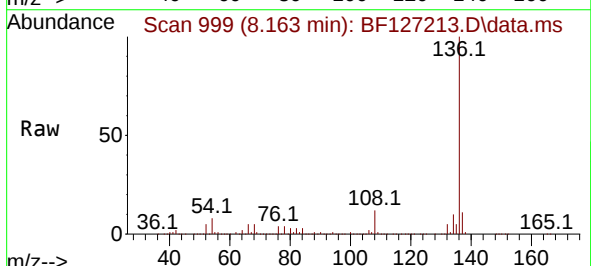
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ClientSampleId :
DRUM-COMP-B

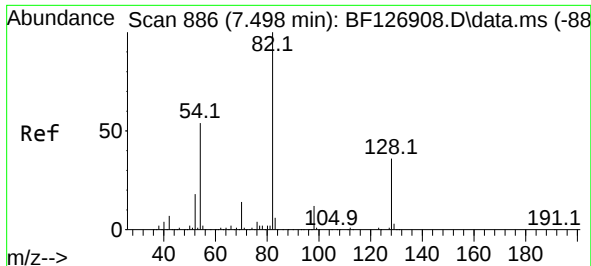
Tgt Ion: 99 Resp: 73810
Ion Ratio Lower Upper
99 100
42 16.4 14.2 21.4
71 37.1 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

Tgt Ion: 136 Resp: 412720
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 7.8 11.6#
68 5.4 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 5.307 ng

RT: 7.439 min Scan# 876

Delta R.T. -0.012 min

Lab File: BF127213.D

Acq: 04 Mar 2022 21:03

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP-B

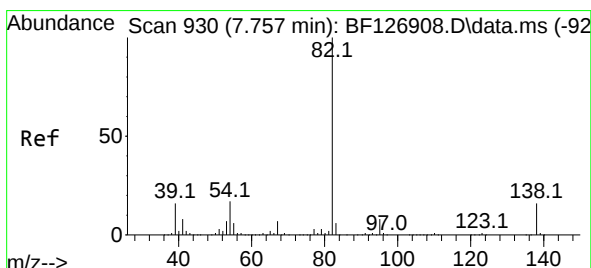
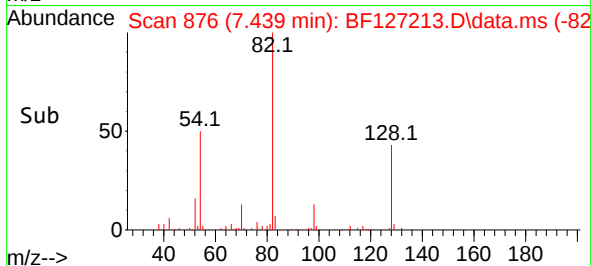
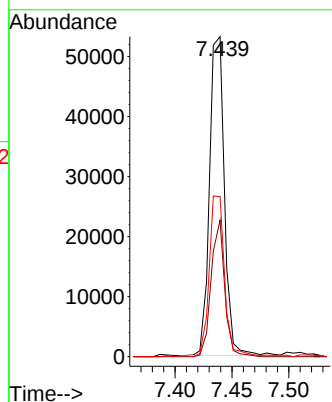
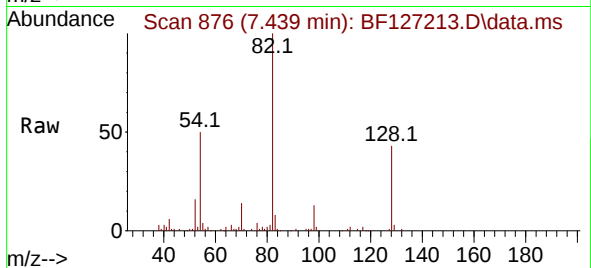
Tgt Ion: 82 Resp: 48524

Ion Ratio Lower Upper

82 100

128 42.7 32.7 49.1

54 50.0 41.7 62.5



#25

Isophorone

Concen: 3.178 ng

RT: 7.439 min Scan# 876

Delta R.T. -0.265 min

Lab File: BF127213.D

Acq: 04 Mar 2022 21:03

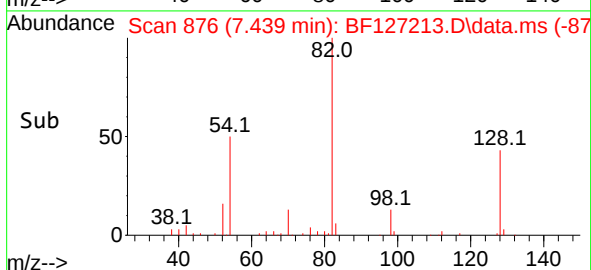
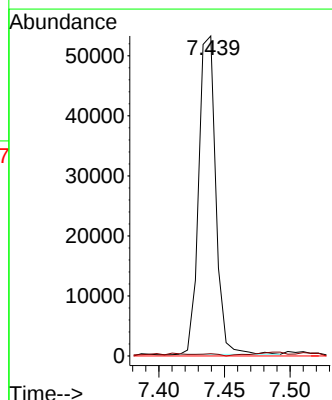
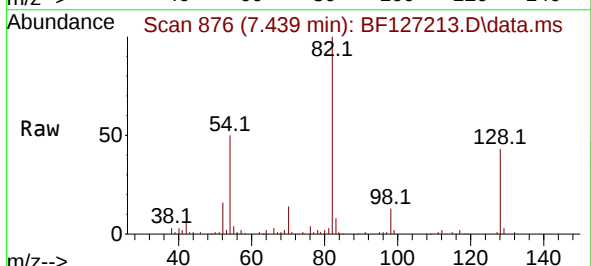
Tgt Ion: 82 Resp: 48082

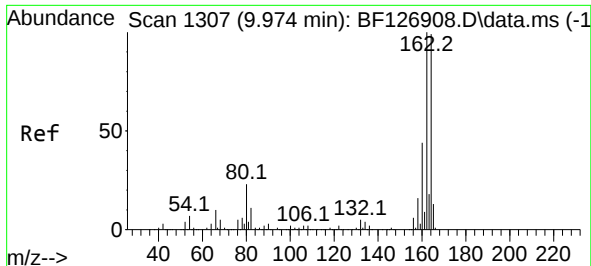
Ion Ratio Lower Upper

82 100

95 0.7 5.0 7.4#

138 0.0 12.3 18.5#

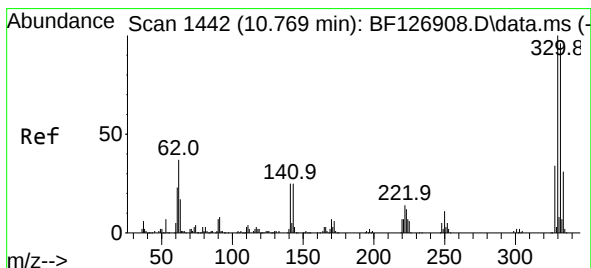
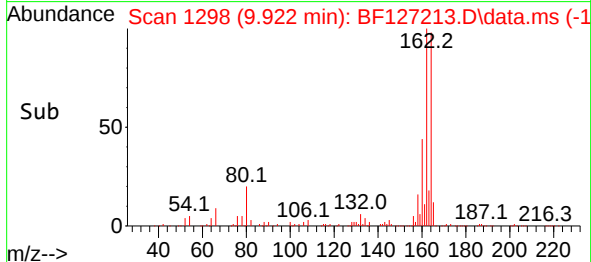
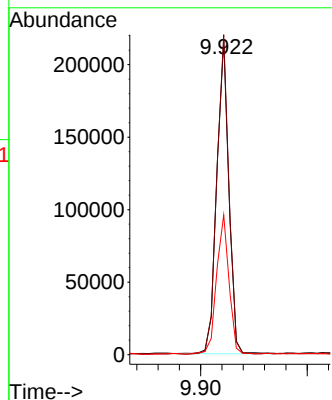
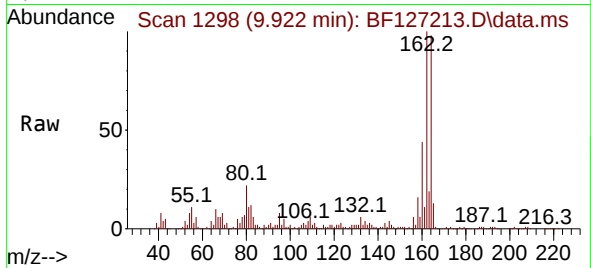




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

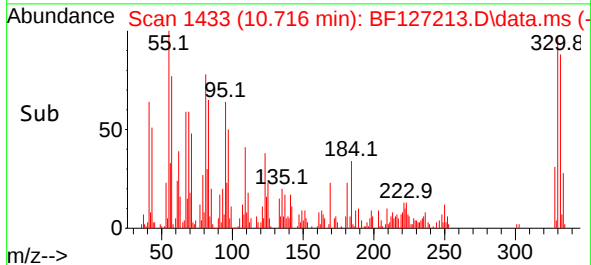
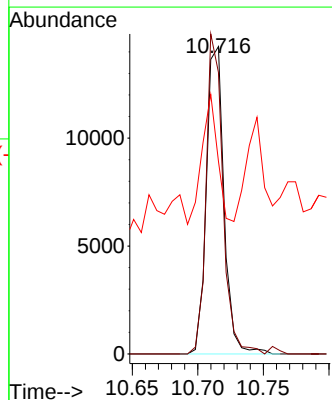
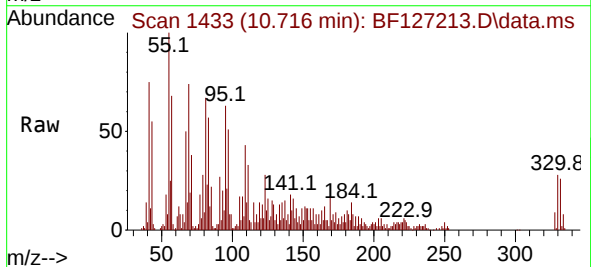
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ClientSampleId :
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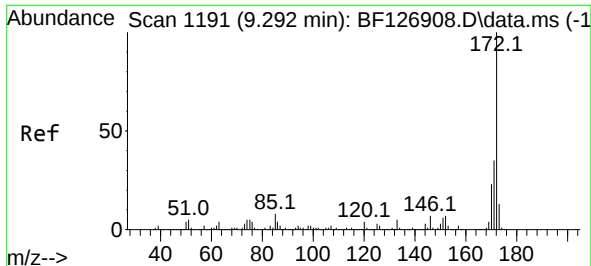
Tgt Ion:164 Resp: 169544
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 6.834 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

Tgt Ion:330 Resp: 13341
Ion Ratio Lower Upper
330 100
332 98.5 76.0 114.0
141 37.5 30.1 45.1

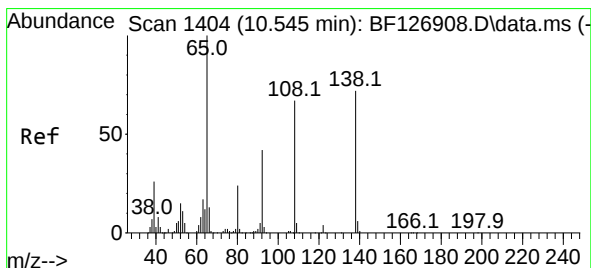
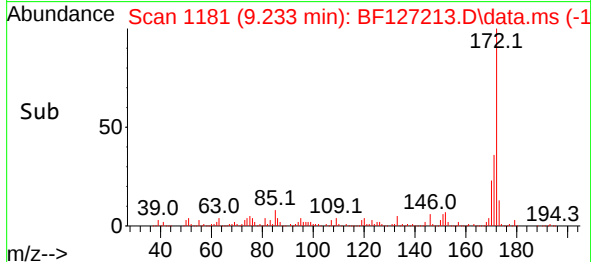
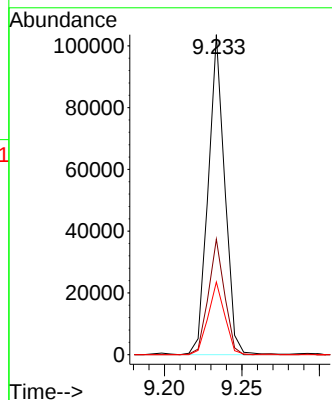
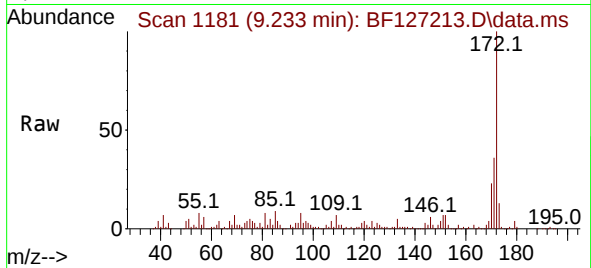




#45
2-Fluorobiphenyl
Concen: 6.678 ng
RT: 9.233 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

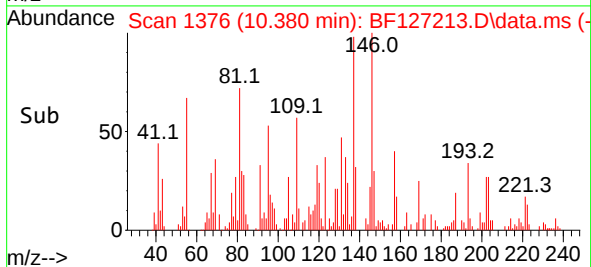
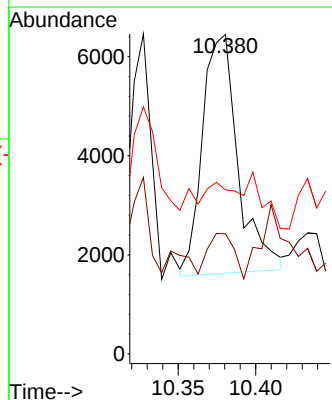
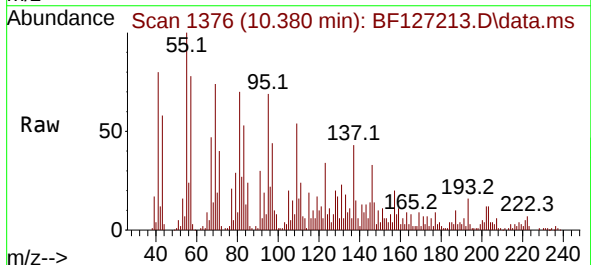
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BNA_F
ClientSampleId :
DRUM-COMP-B

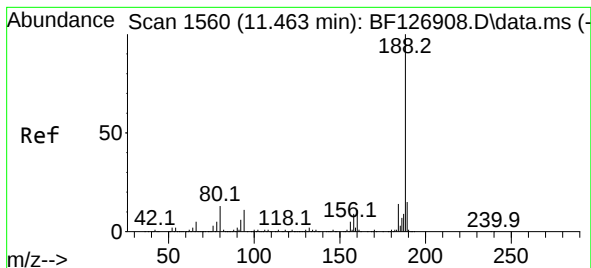
Tgt Ion:172 Resp: 76910
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 22.7 19.0 28.6



#62
4-Nitroaniline
Concen: 2.595 ng
RT: 10.380 min Scan# 1376
Delta R.T. -0.118 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

Tgt Ion:138 Resp: 7724
Ion Ratio Lower Upper
138 100
92 37.6 36.2 76.2
108 51.3 46.7 86.7

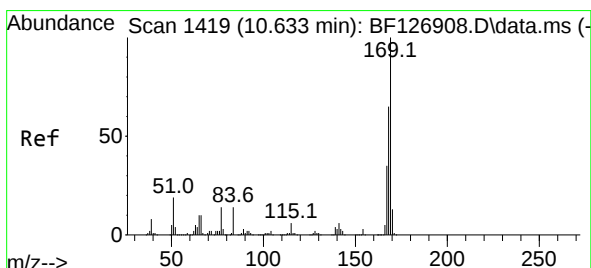
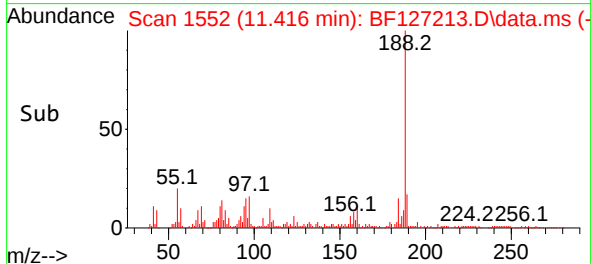
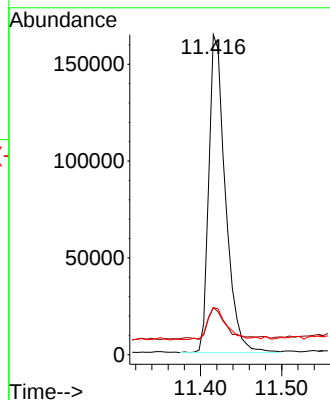
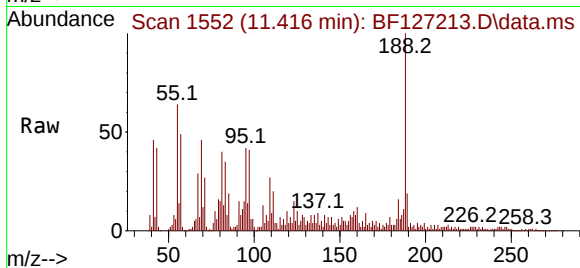




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

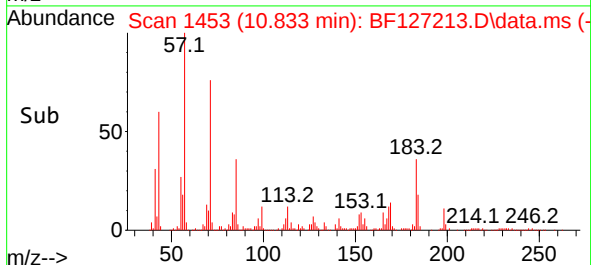
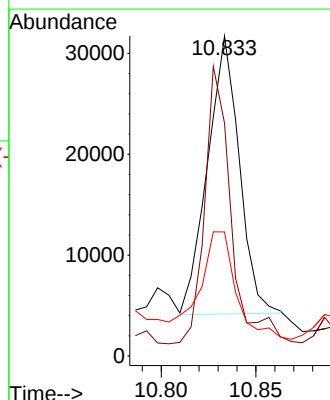
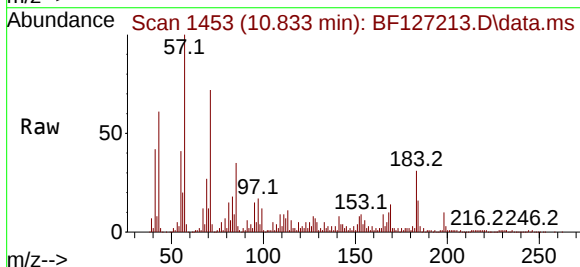
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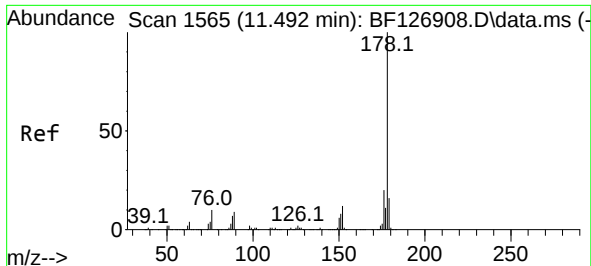
Tgt Ion:188 Resp: 232751
Ion Ratio Lower Upper
188 100
94 14.7 10.1 15.1
80 14.7 11.8 17.6



#66
n-Nitrosodiphenylamine
Concen: 4.217 ng
RT: 10.833 min Scan# 1453
Delta R.T. 0.247 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

Tgt Ion:169 Resp: 32184
Ion Ratio Lower Upper
169 100
168 72.7 53.4 80.0
167 38.7 29.4 44.0

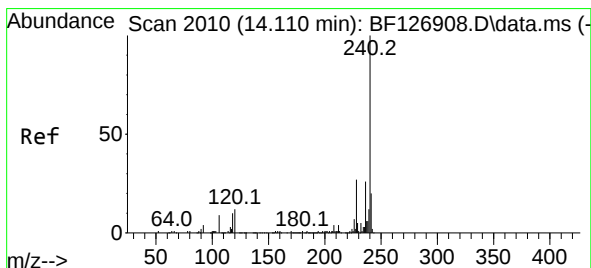
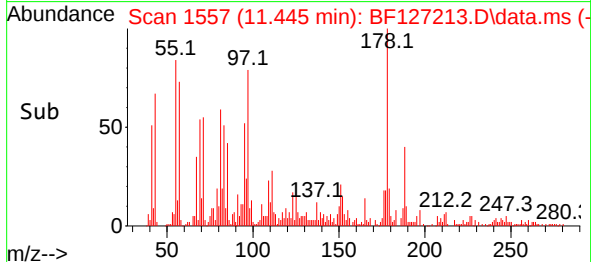
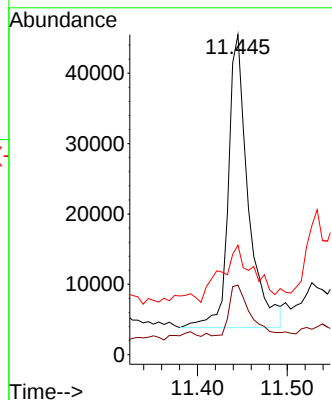
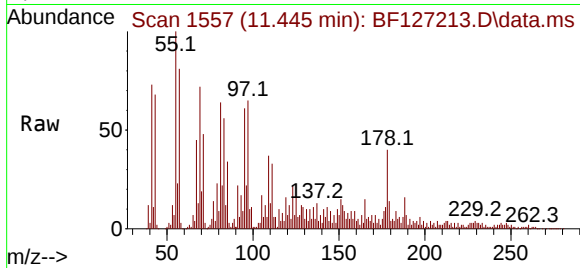




#71
Phenanthrene
Concen: 4.957 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

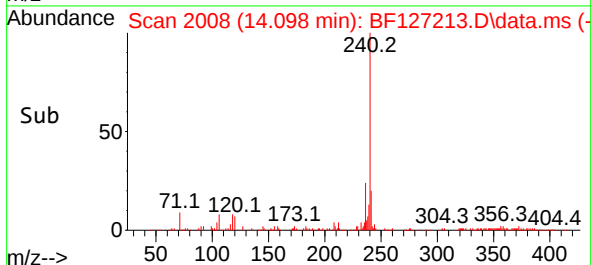
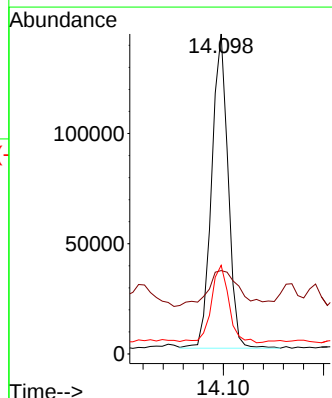
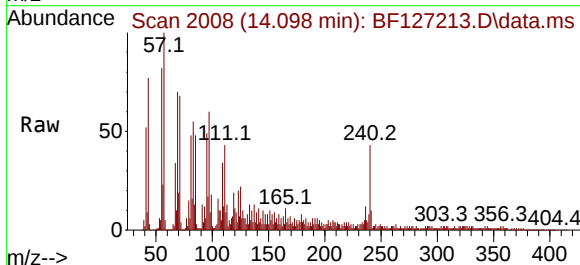
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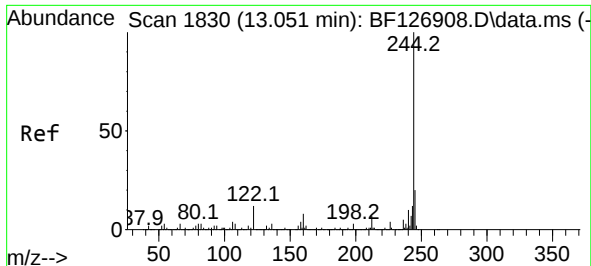
Tgt Ion:178 Resp: 64575
Ion Ratio Lower Upper
178 100
176 21.7 15.7 23.5
179 34.3 12.3 18.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.035 min
Lab File: BF127213.D
Acq: 04 Mar 2022 21:03

Tgt Ion:240 Resp: 162271
Ion Ratio Lower Upper
240 100
120 26.1 14.4 21.6#
236 27.7 20.5 30.7

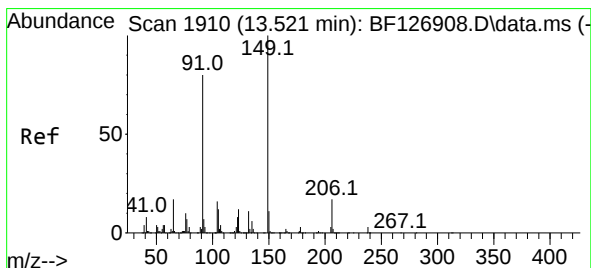
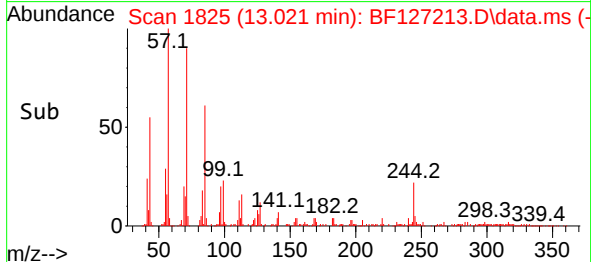
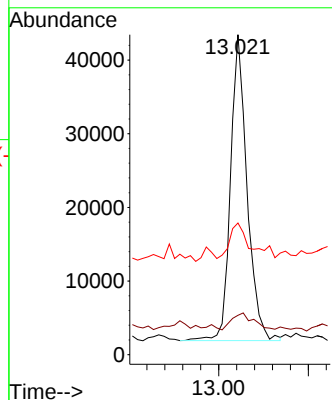
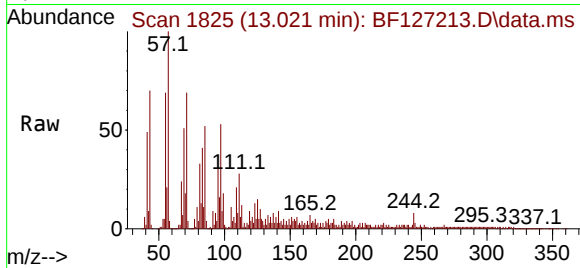




#79
 Terphenyl-d14
 Concen: 4.818 ng
 RT: 13.021 min Scan# 11
 Delta R.T. 0.024 min
 Lab File: BF127213.D
 Acq: 04 Mar 2022 21:03

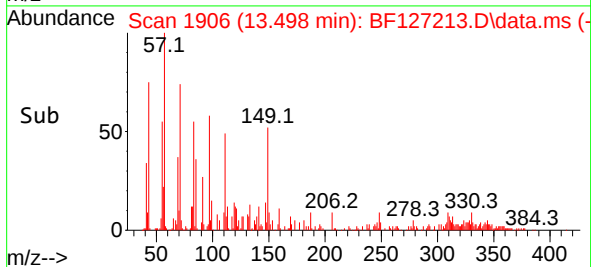
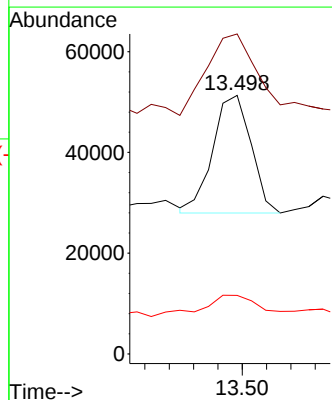
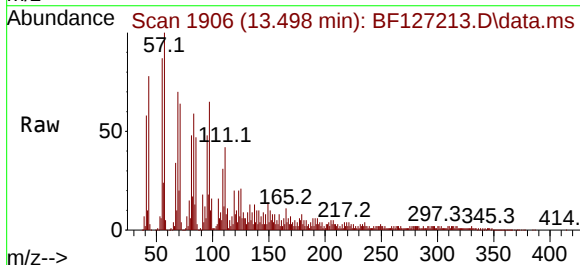
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-B

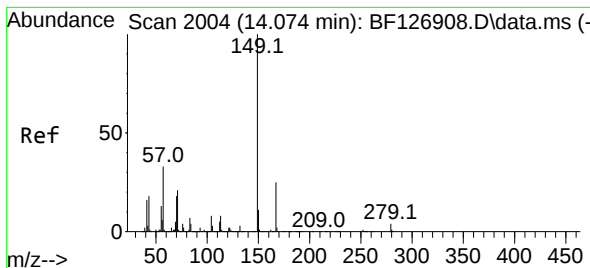
Tgt Ion:244 Resp: 53186
 Ion Ratio Lower Upper
 244 100
 212 12.3 5.0 7.4#
 122 41.1 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 3.827 ng
 RT: 13.498 min Scan# 1906
 Delta R.T. 0.023 min
 Lab File: BF127213.D
 Acq: 04 Mar 2022 21:03

Tgt Ion:149 Resp: 25540
 Ion Ratio Lower Upper
 149 100
 91 123.7 70.5 105.7#
 206 22.7 12.6 19.0#

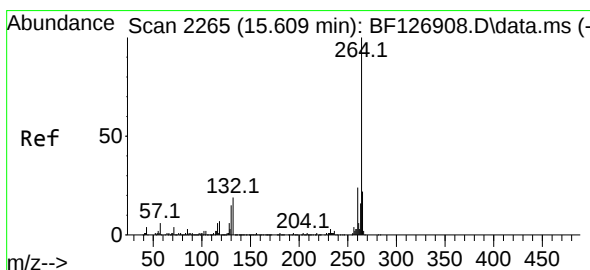
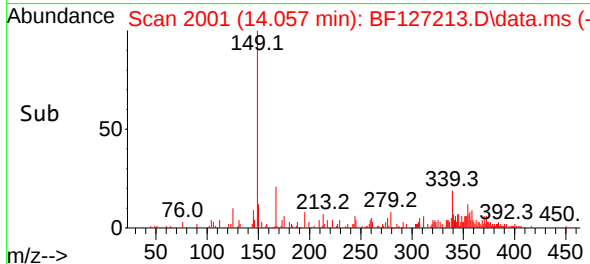
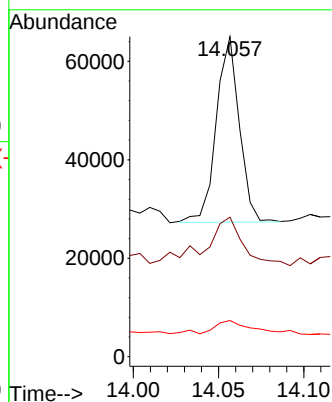
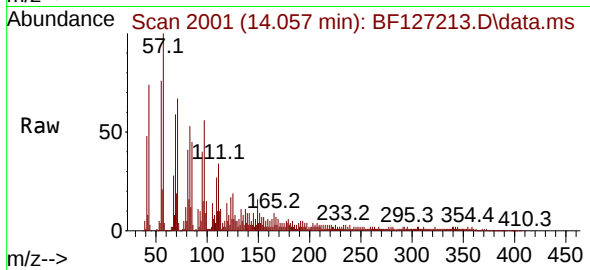




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.033 ng
 RT: 14.057 min Scan# 2004
 Delta R.T. 0.029 min
 Lab File: BF127213.D
 Acq: 04 Mar 2022 21:03

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-B

Tgt Ion:149 Resp: 35340
 Ion Ratio Lower Upper
 149 100
 167 43.6 21.4 32.2#
 279 11.3 2.4 3.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2264
 Delta R.T. 0.059 min
 Lab File: BF127213.D
 Acq: 04 Mar 2022 21:03

Tgt Ion:264 Resp: 142975
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 22.7 17.4 26.2

