

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124987.D
 Acq On : 7 Aug 2021 22:15
 Operator : JU/CG
 Sample : M3293-07 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2071

Quant Time: Aug 08 09:11:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

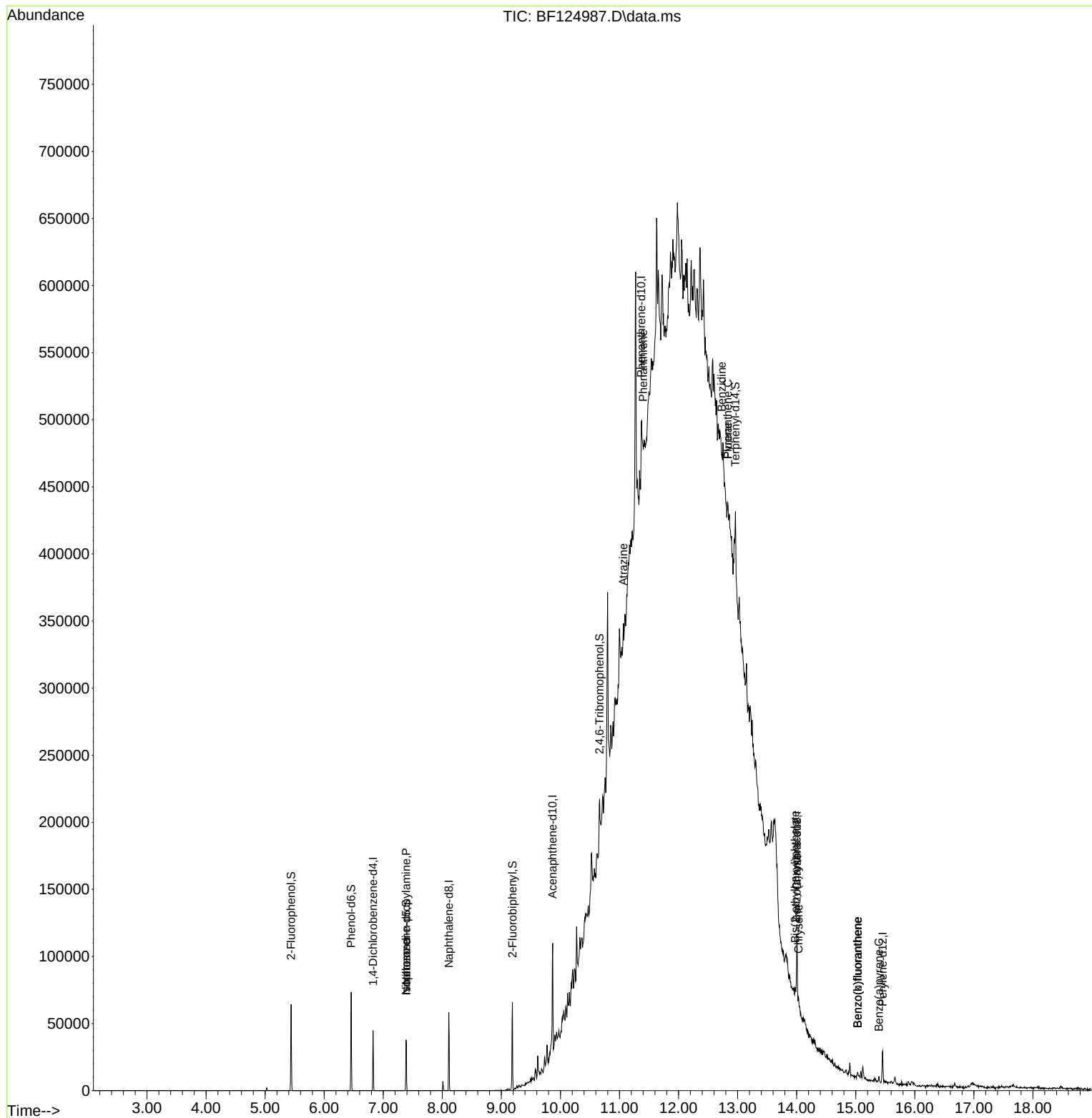
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6383	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	23764	20.00	ng	# 0.00
39) Acenaphthene-d10	9.869	164	11652	20.00	ng	0.00
64) Phenanthrene-d10	11.368	188	17915	20.00	ng	# 0.02
76) Chrysene-d12	14.004	240	14810	20.00	ng	0.01
86) Perylene-d12	15.456	264	10607	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	15228	39.08	ng	0.00
7) Phenol-d6	6.457	99	17632	35.89	ng	0.00
23) Nitrobenzene-d5	7.386	82	11466	25.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	3539	34.00	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	18799	23.61	ng	0.00
79) Terphenyl-d14	12.962	244	14369	16.37	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	1391	4.77	ng	# 76
25) Isophorone	7.386	82	11465	14.79	ng	# 59
69) Atrazine	11.063	200	1505	8.63	ng	# 1
71) Phenanthrene	11.398	178	3557	3.66	ng	# 31
75) Fluoranthene	12.833	202	5653	5.62	ng	74
77) Benzidine	12.733	184	1444	3.64	ng	# 1
78) Pyrene	12.833	202	5653	4.85	ng	# 81
81) Benzo(a)anthracene	13.998	228	2436	2.52	ng	# 77
83) Chrysene	14.033	228	2499	2.68	ng	# 87
84) Bis(2-ethylhexyl)phtha...	13.974	149	2249	3.12	ng	# 95
88) Benzo(b)fluoranthene	15.033	252	3165	4.25	ng	# 92
89) Benzo(k)fluoranthene	15.033	252	3165	4.67	ng	# 92
90) Benzo(a)pyrene	15.392	252	1394	2.20	ng	# 88

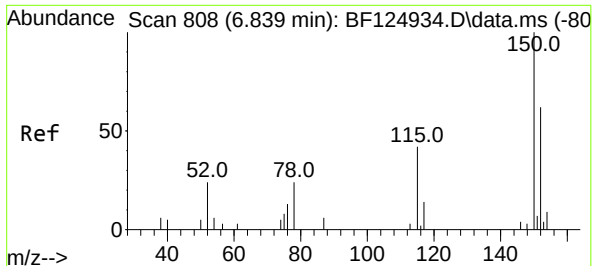
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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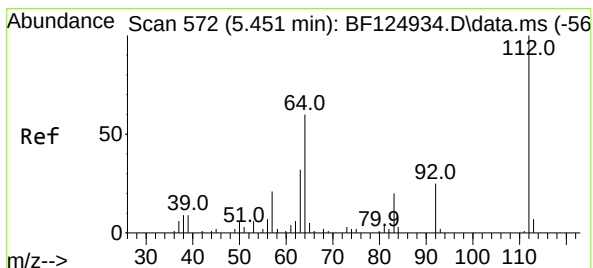
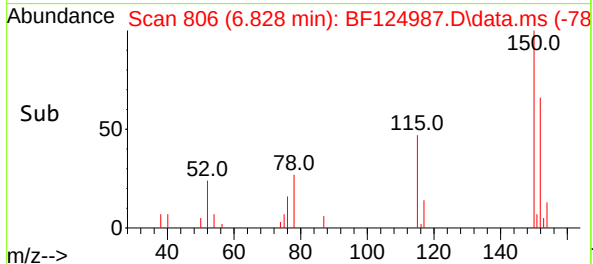
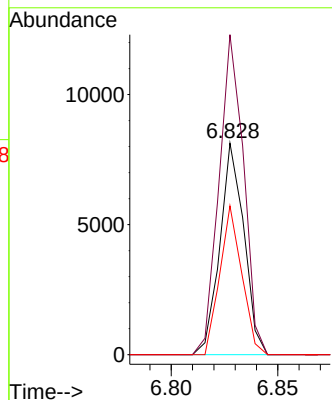
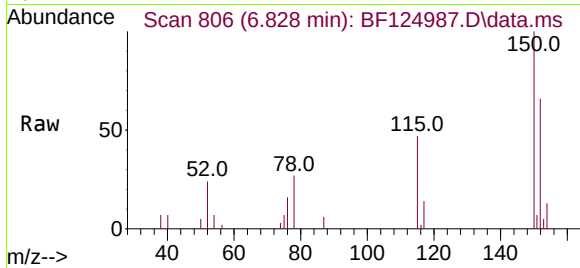




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

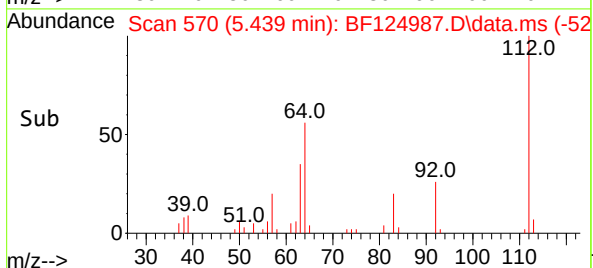
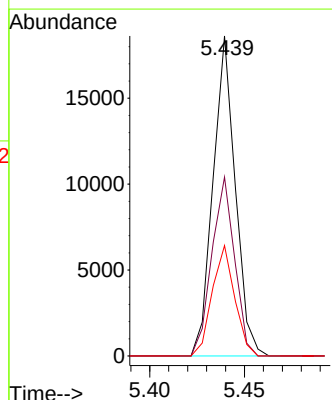
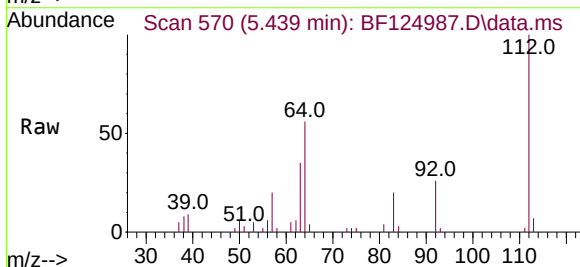
Instrument :
BNA_F
ClientSampleId :
2071

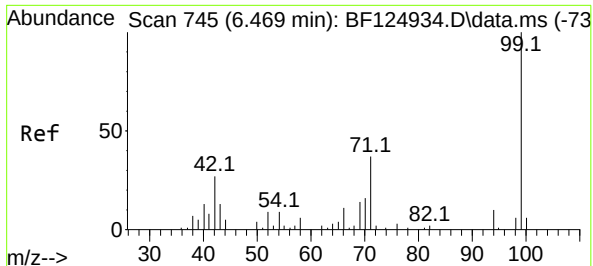
Tgt Ion:152 Resp: 6383
Ion Ratio Lower Upper
152 100
150 151.3 117.6 176.4
115 70.4 47.1 70.7



#5
2-Fluorophenol
Concen: 39.08 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion:112 Resp: 15228
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 34.5 26.2 39.2

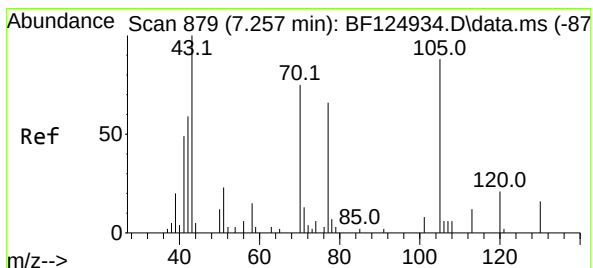
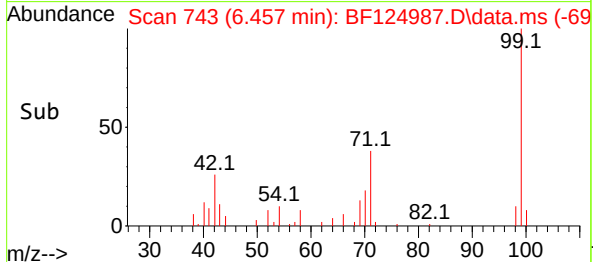
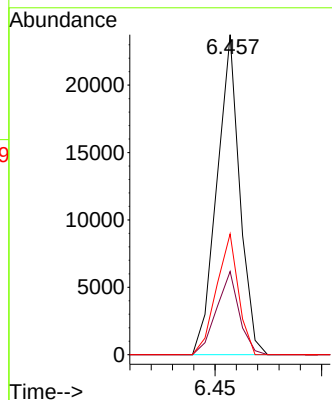
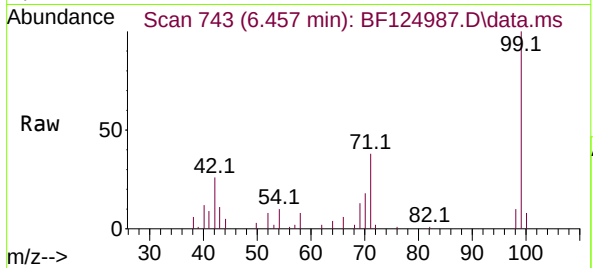




#7
Phenol-d6
Concen: 35.89 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

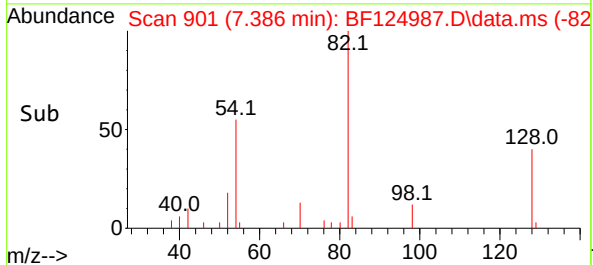
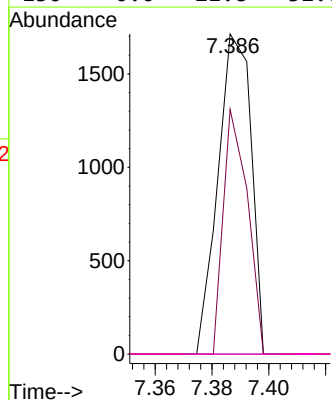
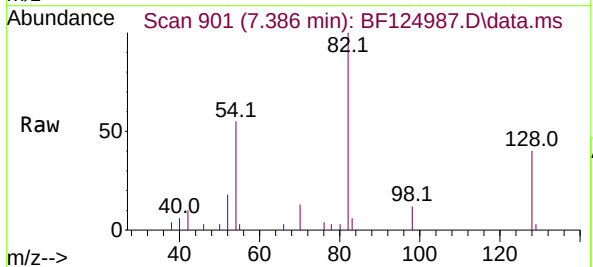
Instrument :
BNA_F
ClientSampleId :
2071

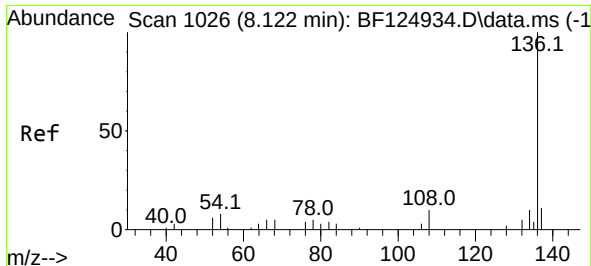
Tgt Ion: 99 Resp: 17632
Ion Ratio Lower Upper
99 100
42 26.0 23.5 35.3
71 37.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.77 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.141 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion: 70 Resp: 1391
Ion Ratio Lower Upper
70 100
42 76.4 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

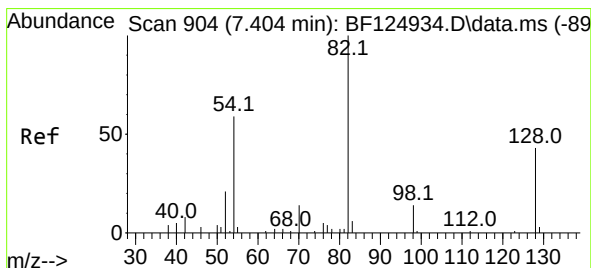
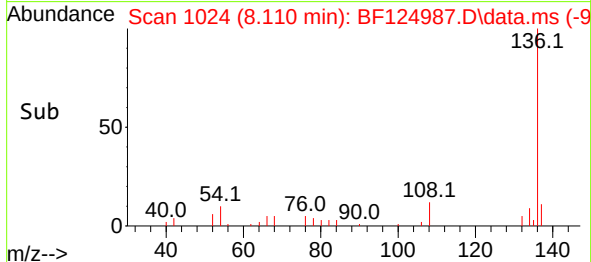
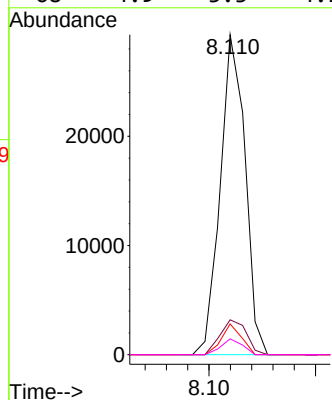
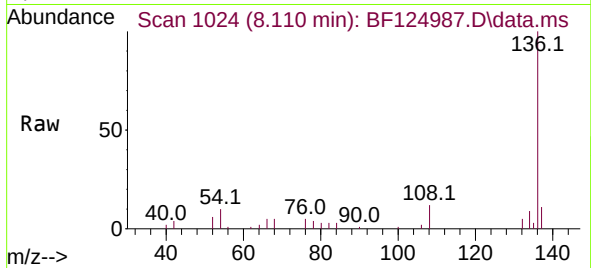




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

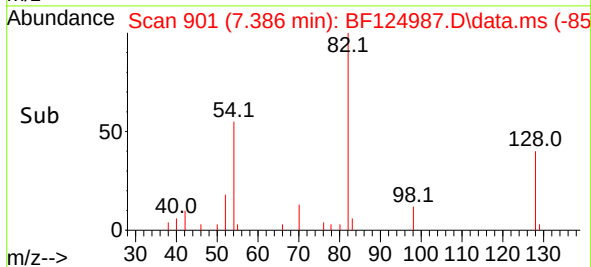
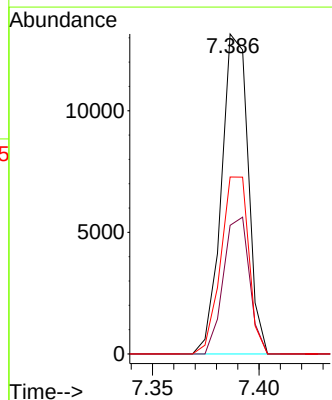
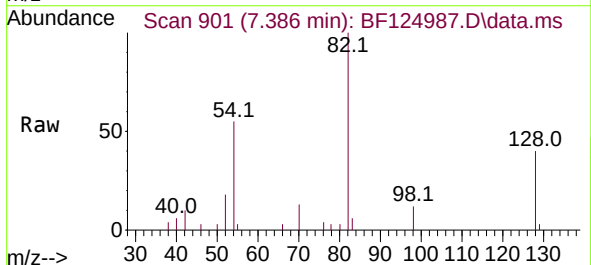
Instrument :
BNA_F
ClientSampled :
2071

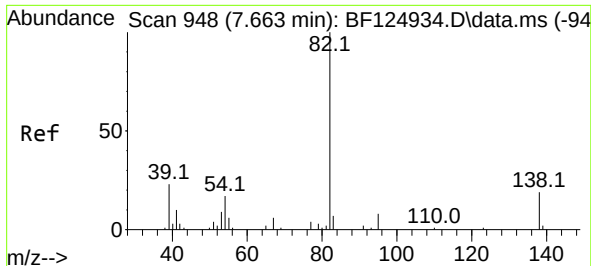
Tgt Ion:136	Resp:	23764
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.6
54	9.6	6.4 9.6#
68	4.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 25.24 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion: 82	Resp:	11466
Ion Ratio	Lower	Upper
82	100	
128	40.2	40.6 60.8#
54	55.3	49.6 74.4

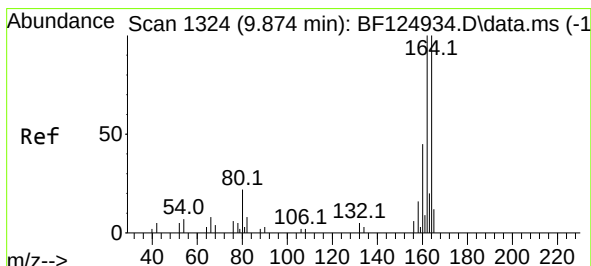
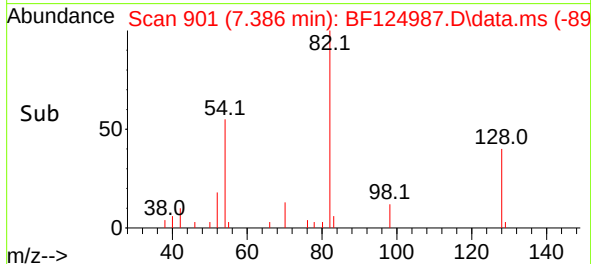
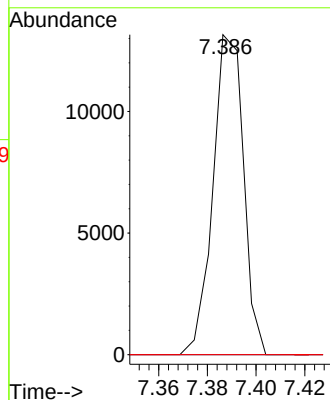
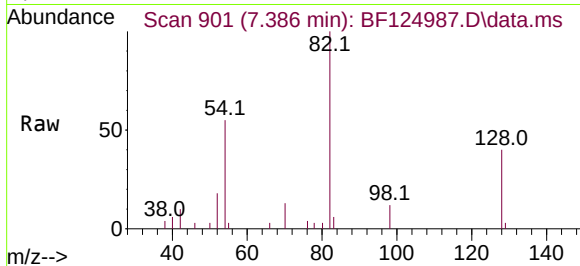




#25
Isophorone
Concen: 14.79 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.271 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

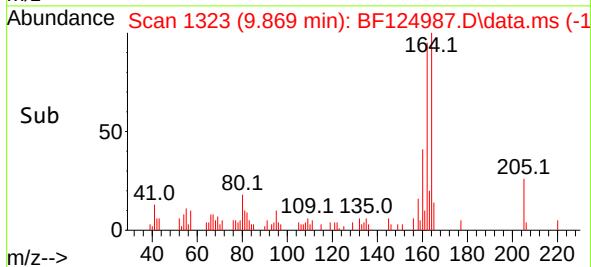
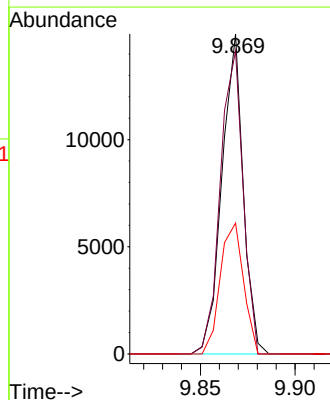
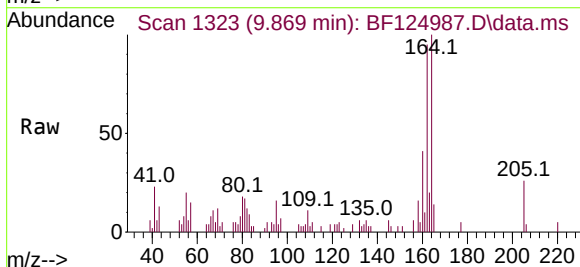
Instrument :
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ClientSampleId :
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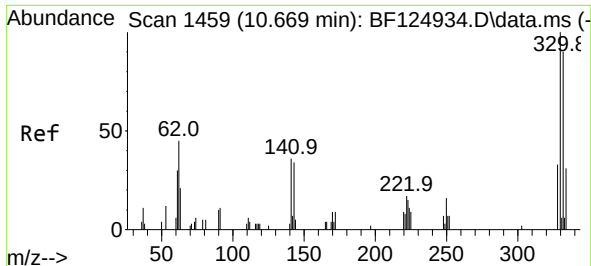
Tgt Ion: 82 Resp: 11465
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion:164 Resp: 11652
Ion Ratio Lower Upper
164 100
162 94.7 81.3 121.9
160 40.9 38.0 57.0

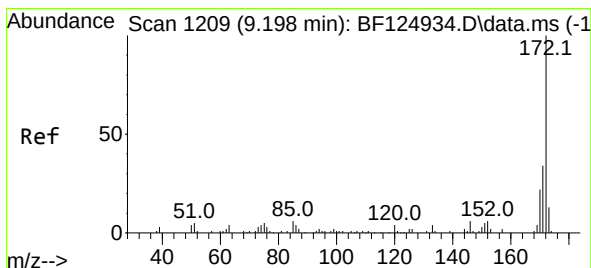
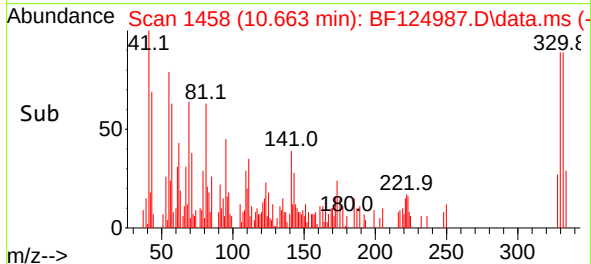
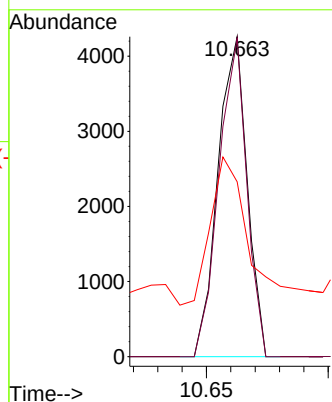
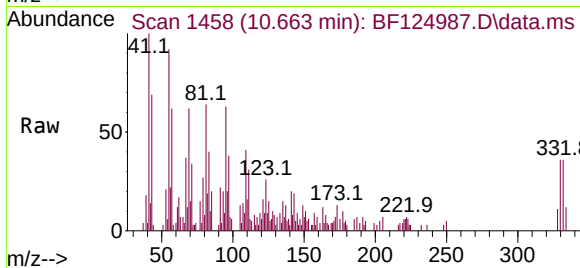




#42
2,4,6-Tribromophenol
Concen: 34.00 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

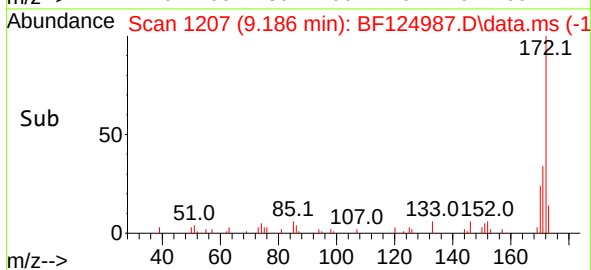
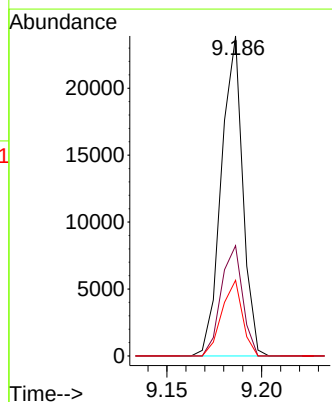
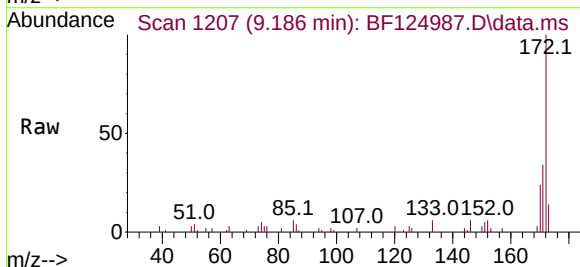
Instrument :
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ClientSampleId :
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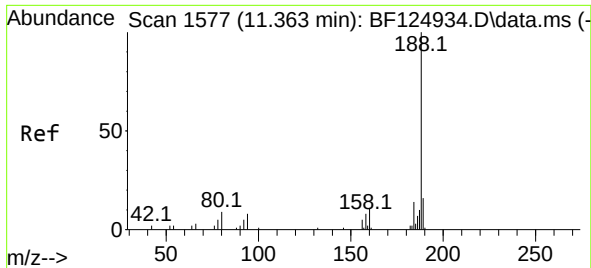
Tgt Ion:330 Resp: 3539
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 61.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 23.61 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion:172 Resp: 18799
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.7 18.8 28.2

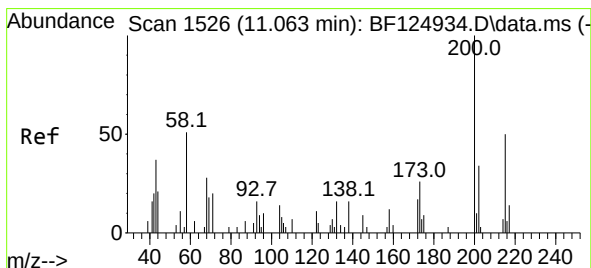
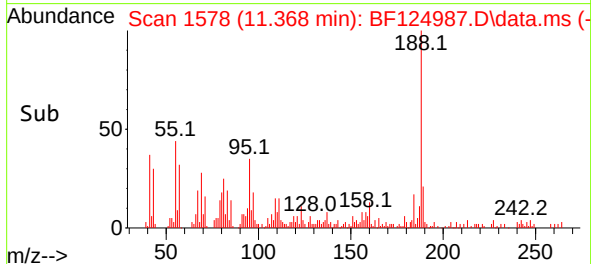
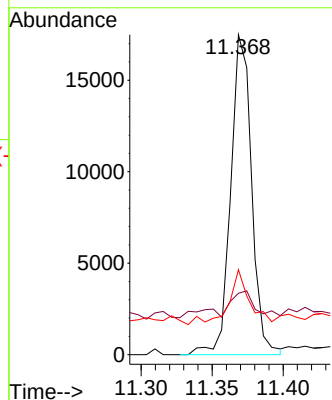
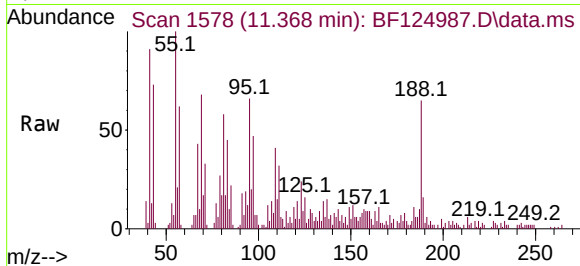




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.368 min Scan# 1578
Delta R.T. 0.018 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

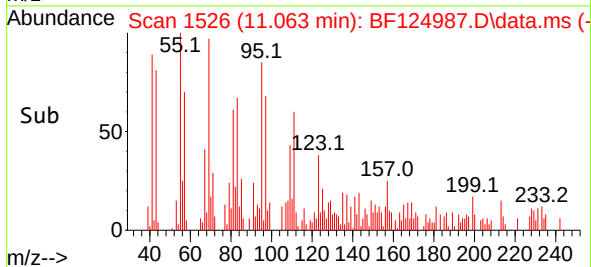
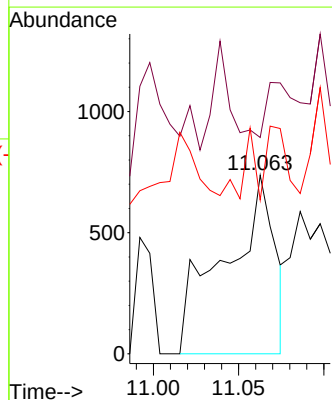
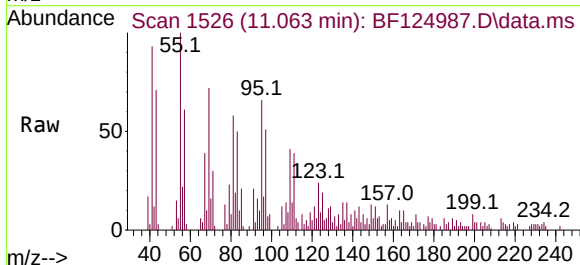
Instrument :
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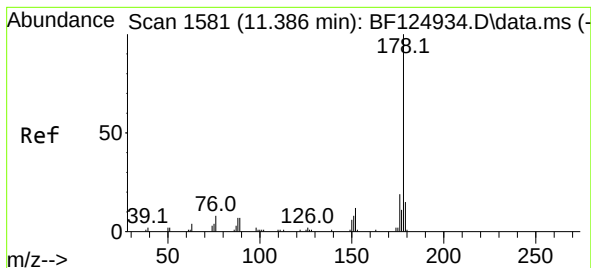
Tgt Ion:188 Resp: 17915
Ion Ratio Lower Upper
188 100
94 19.2 6.7 10.1#
80 26.6 7.5 11.3#



#69
Atrazine
Concen: 8.63 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.012 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion:200 Resp: 1505
Ion Ratio Lower Upper
200 100
173 121.2 11.1 51.1#
215 86.2 22.7 62.7#

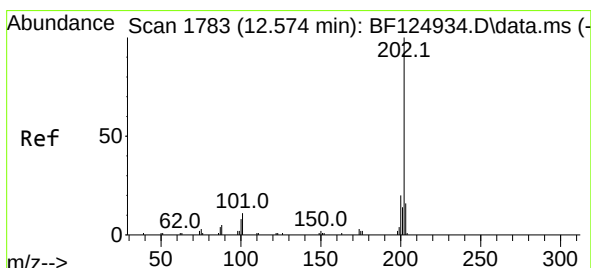
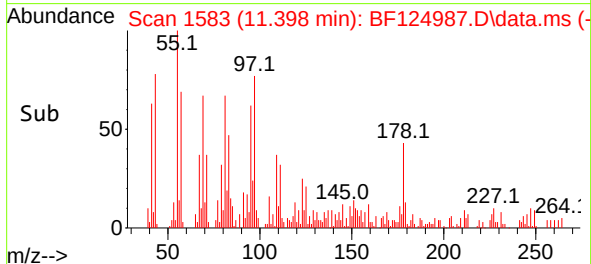
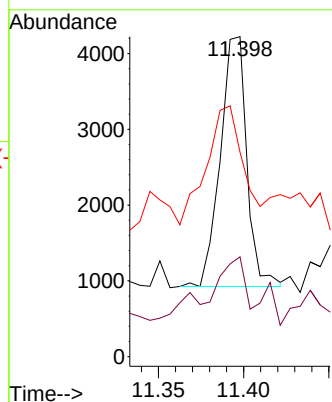
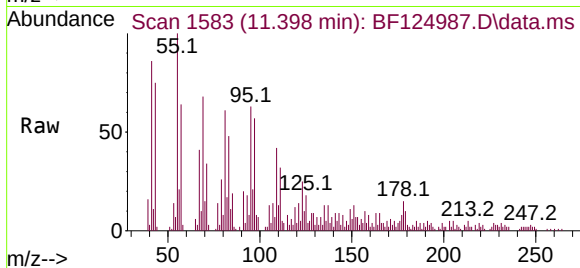




#71
Phenanthrene
Concen: 3.66 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.018 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

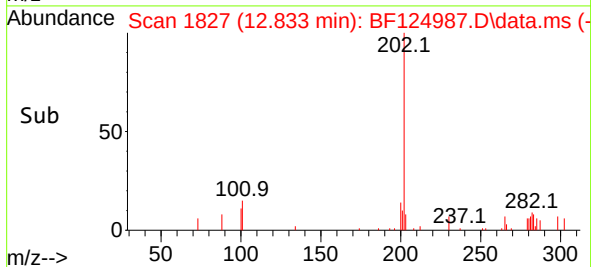
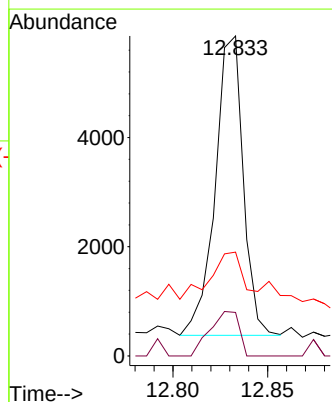
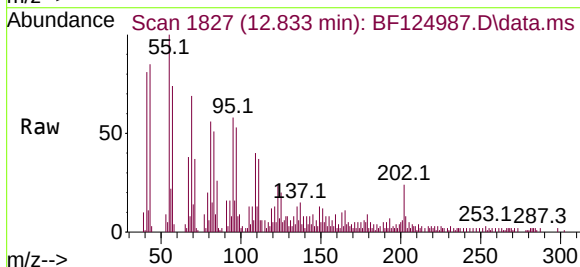
Instrument :
BNA_F
ClientSampled :
2071

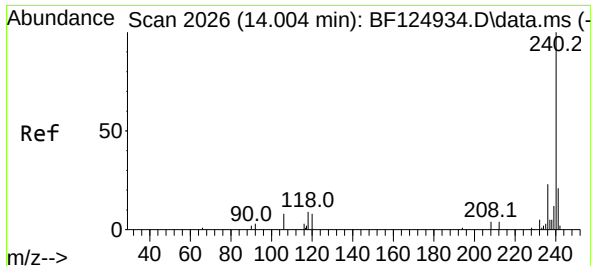
Tgt Ion:178 Resp: 3557
Ion Ratio Lower Upper
178 100
176 31.2 14.7 22.1#
179 63.9 11.5 17.3#



#75
Fluoranthene
Concen: 5.62 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.271 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion:202 Resp: 5653
Ion Ratio Lower Upper
202 100
101 13.6 0.0 30.7
203 32.4 0.0 36.3

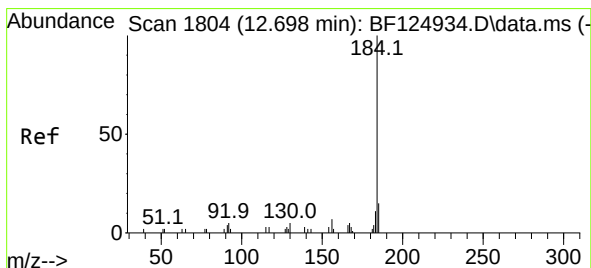
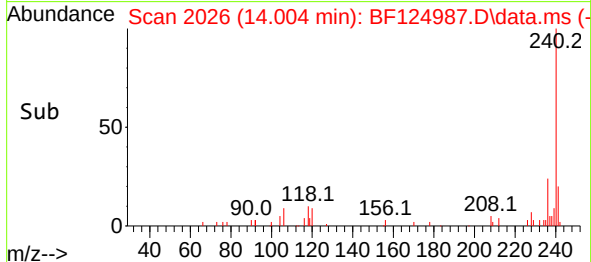
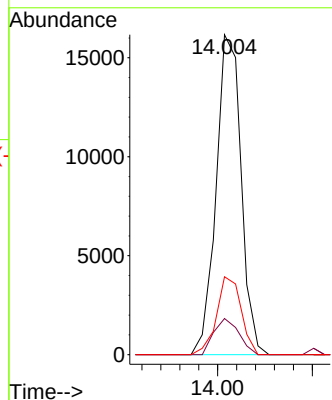
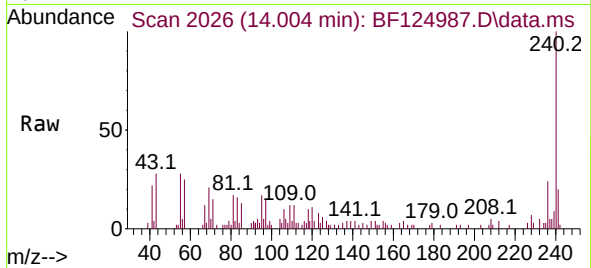




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

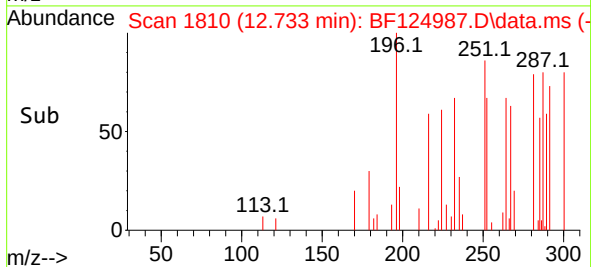
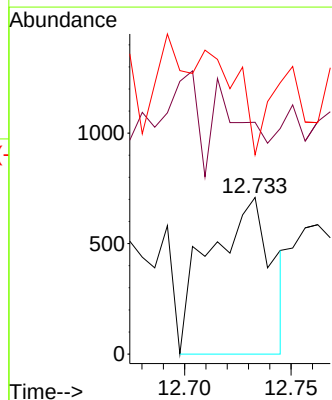
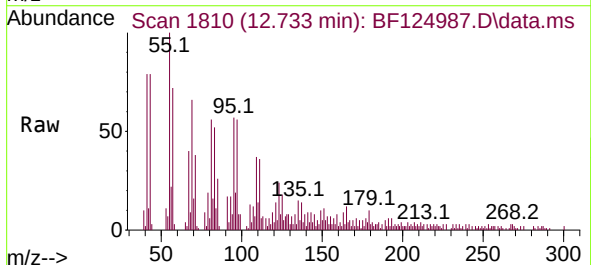
Instrument :
BNA_F
ClientSampled :
2071

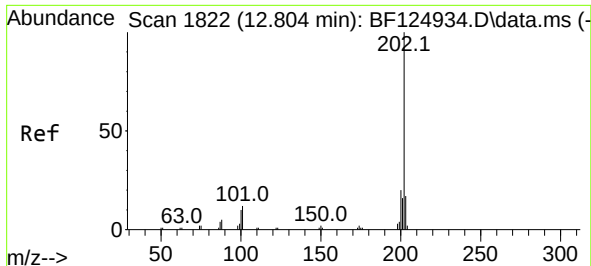
Tgt Ion:240 Resp: 14810
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 24.4 21.6 32.4



#77
Benzidine
Concen: 3.64 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.047 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion:184 Resp: 1444
Ion Ratio Lower Upper
184 100
185 148.0 10.8 16.2#
183 127.2 8.1 12.1#

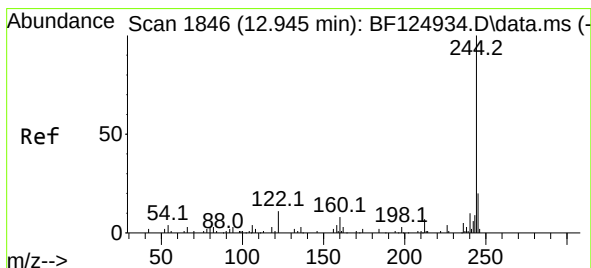
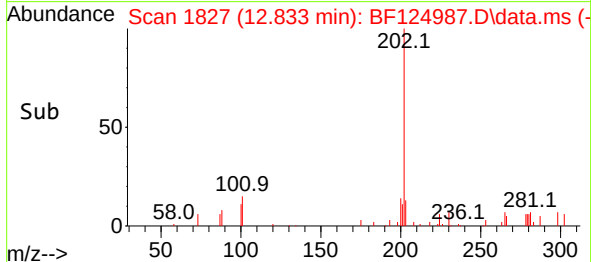
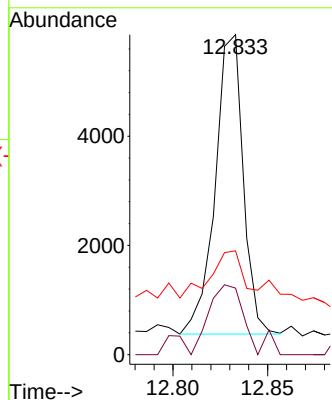
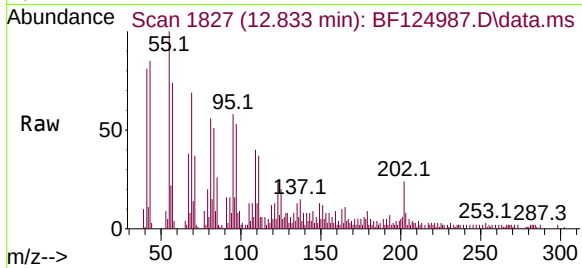




#78
 Pyrene
 Concen: 4.85 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.041 min
 Lab File: BF124987.D
 Acq: 7 Aug 2021 22:15

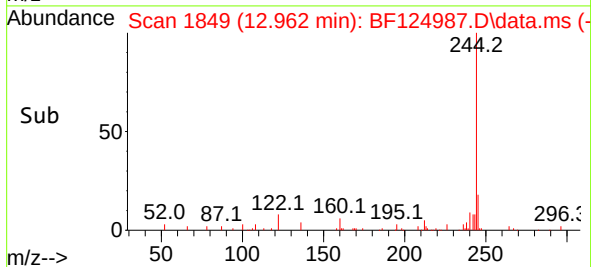
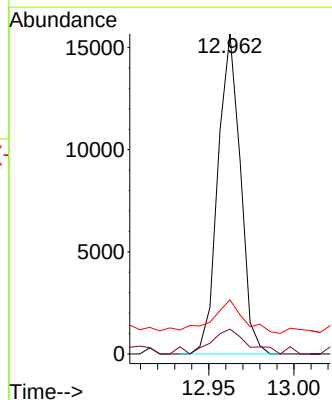
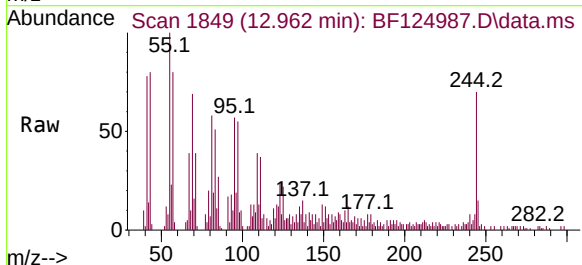
Instrument :
 BNA_F
 ClientSampled :
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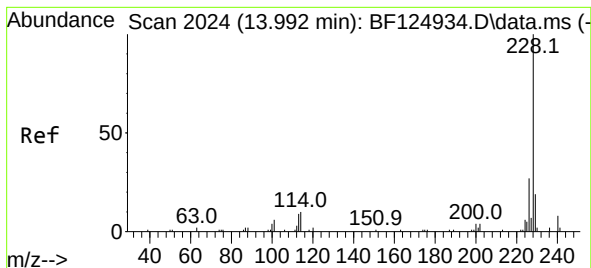
Tgt Ion:202 Resp: 5653
 Ion Ratio Lower Upper
 202 100
 200 20.8 15.3 22.9
 203 32.4 13.4 20.0#



#79
 Terphenyl-d14
 Concen: 16.37 ng
 RT: 12.962 min Scan# 1849
 Delta R.T. 0.024 min
 Lab File: BF124987.D
 Acq: 7 Aug 2021 22:15

Tgt Ion:244 Resp: 14369
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 16.9 9.0 13.4#

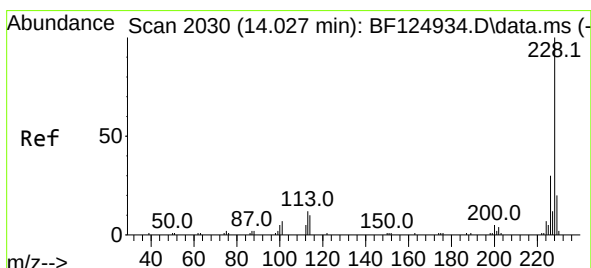
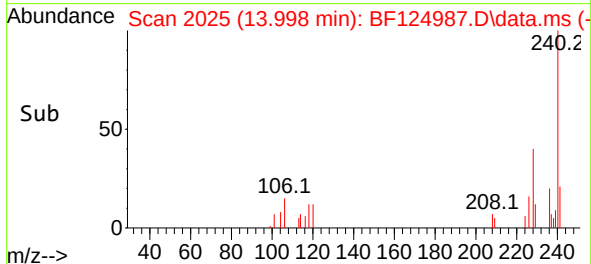
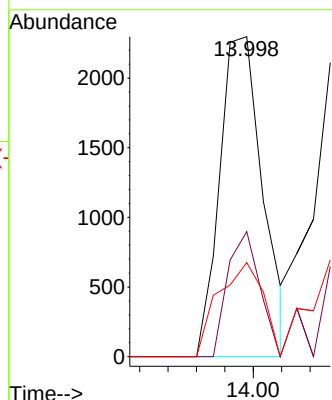
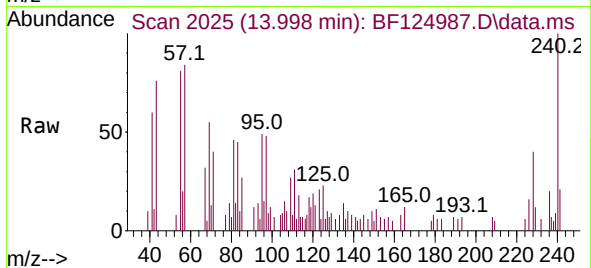




#81
Benzo(a)anthracene
Concen: 2.52 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.018 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

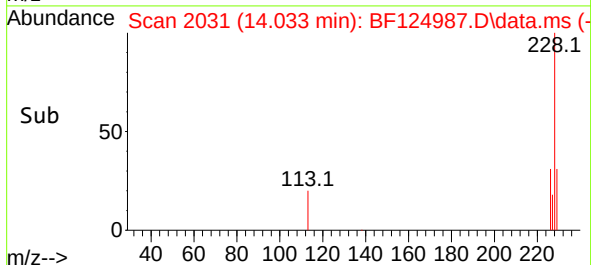
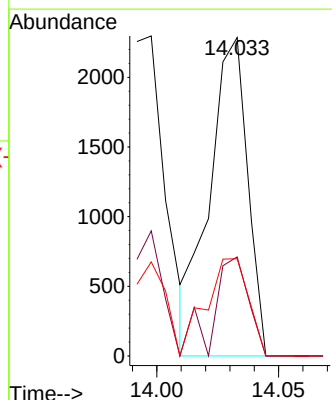
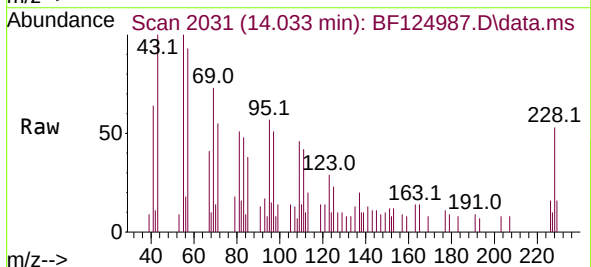
Instrument :
BNA_F
ClientSampled :
2071

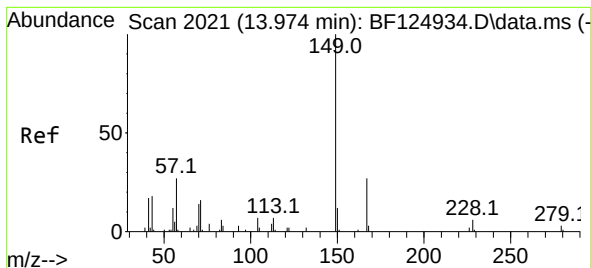
Tgt Ion:228 Resp: 2436
Ion Ratio Lower Upper
228 100
226 39.1 21.6 32.4#
229 29.4 15.6 23.4#



#83
Chrysene
Concen: 2.68 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion:228 Resp: 2499
Ion Ratio Lower Upper
228 100
226 31.1 22.6 34.0
229 30.5 15.9 23.9#

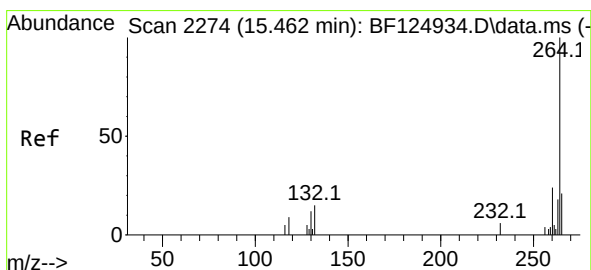
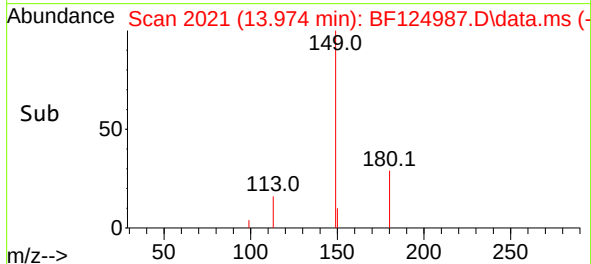
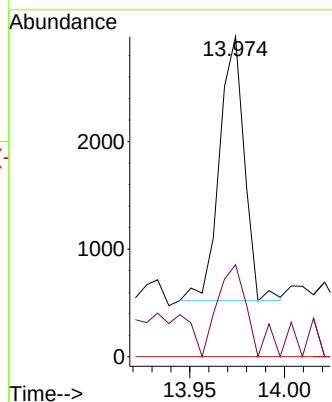
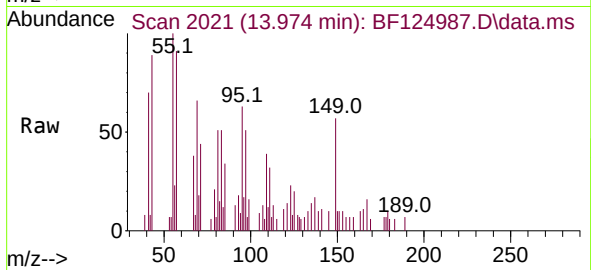




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.12 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

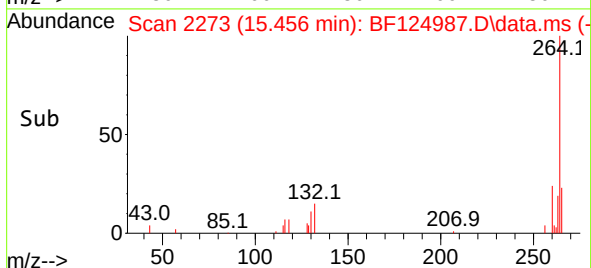
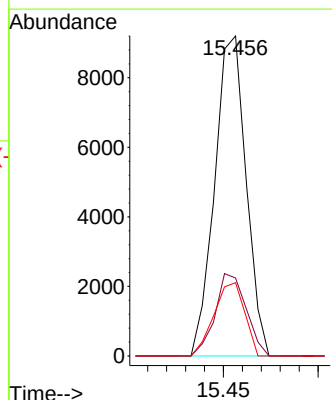
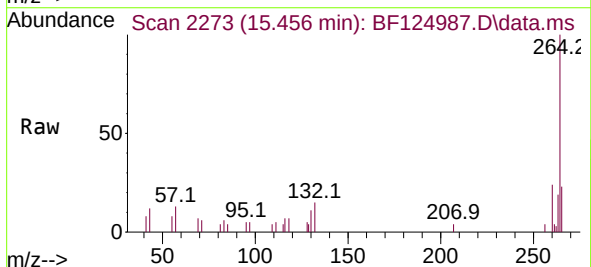
Instrument :
BNA_F
ClientSampled :
2071

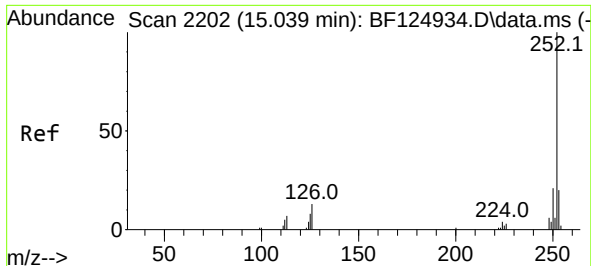
Tgt Ion:149 Resp: 2249
Ion Ratio Lower Upper
149 100
167 28.7 21.4 32.0
279 0.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion:264 Resp: 10607
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.9 17.2 25.8

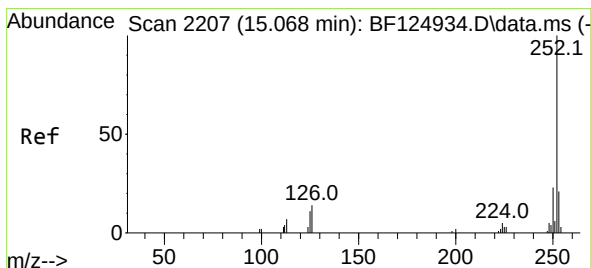
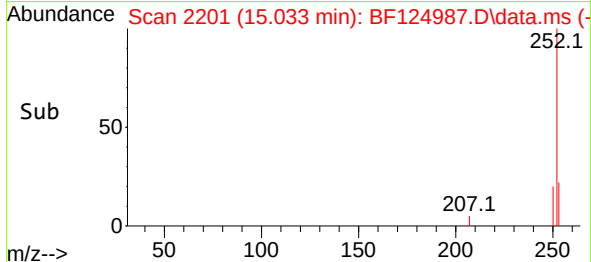
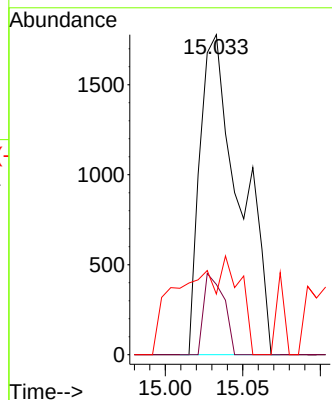
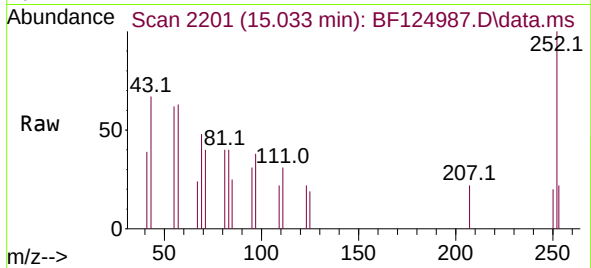




#88
Benzo(b)fluoranthene
Concen: 4.25 ng
RT: 15.033 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

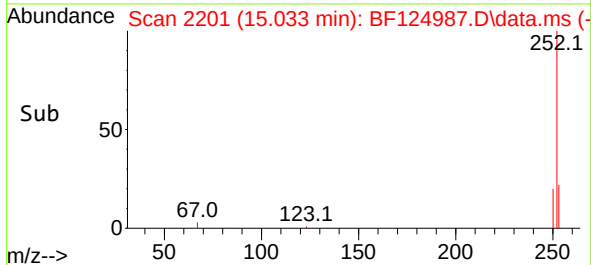
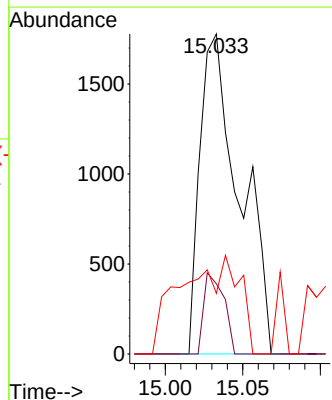
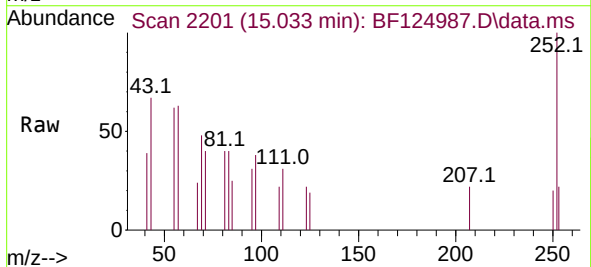
Instrument :
BNA_F
ClientSampleId :
2071

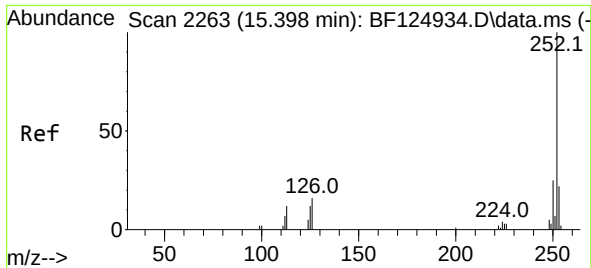
Tgt Ion:252 Resp: 3165
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 19.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 4.67 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Tgt Ion:252 Resp: 3165
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 19.0 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 2.20 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF124987.D
Acq: 7 Aug 2021 22:15

Instrument :
BNA_F
ClientSampled :
2071

Tgt Ion:252 Resp: 1394
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 0.0 9.9 14.9#

