

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124219.D
 Acq On : 9 Jun 2021 20:59
 Operator : JU/CG
 Sample : M2628-01RE 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-060721

Quant Time: Jun 10 01:55:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

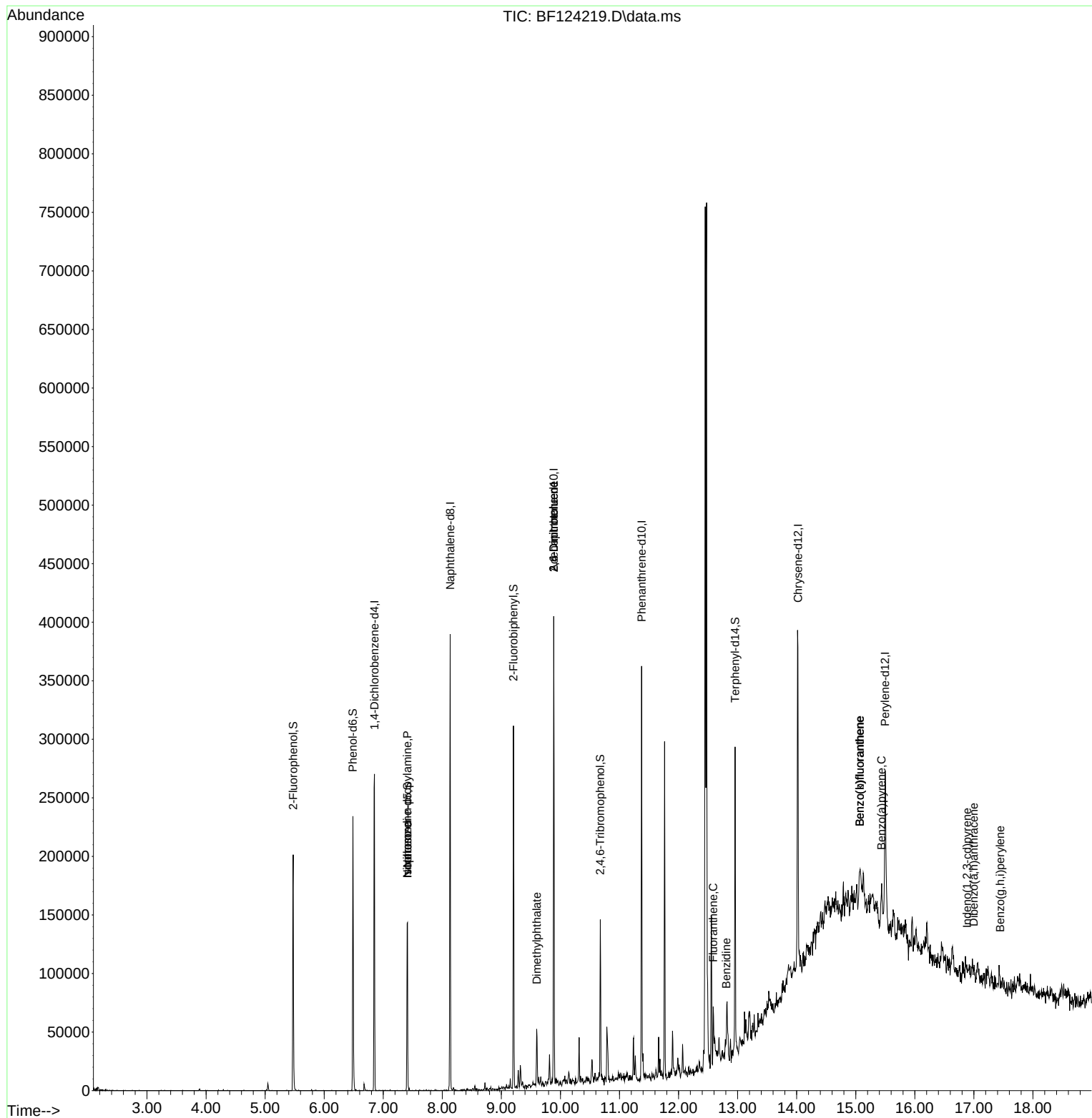
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	35791	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	131434	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	67047	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	99269	20.000	ng	0.00
76) Chrysene-d12	14.021	240	87344	20.000	ng	0.00
86) Perylene-d12	15.498	264	49150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	44707	18.803	ng	0.00
7) Phenol-d6	6.486	99	57967	18.138	ng	-0.01
23) Nitrobenzene-d5	7.410	82	44051	13.293	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	13831	14.561	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	73465	13.788	ng	0.00
79) Terphenyl-d14	12.957	244	64701	10.170	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	5661	2.509	ng	# 68
25) Isophorone	7.410	82	44050	7.376	ng	# 69
50) Dimethylphthalate	9.598	163	13549	2.443	ng	# 94
51) 2,6-Dinitrotoluene	9.886	165	8861	6.967	ng	# 12
57) 2,4-Dinitrotoluene	9.886	165	8861	5.283	ng	# 18
75) Fluoranthene	12.586	202	14707	2.259	ng	90
77) Benzidine	12.810	184	112	4.111	ng	# 68
87) Indeno(1,2,3-cd)pyrene	16.886	276	931	4.542	ng	98
88) Benzo(b)fluoranthene	15.068	252	11620	3.043	ng	# 59
89) Benzo(k)fluoranthene	15.068	252	11620	3.215	ng	# 59
90) Benzo(a)pyrene	15.433	252	6894	2.079	ng	# 61
91) Dibenzo(a,h)anthracene	16.998	278	1120	4.468	ng	# 59
92) Benzo(g,h,i)perylene	17.445	276	4995	5.142	ng	# 91

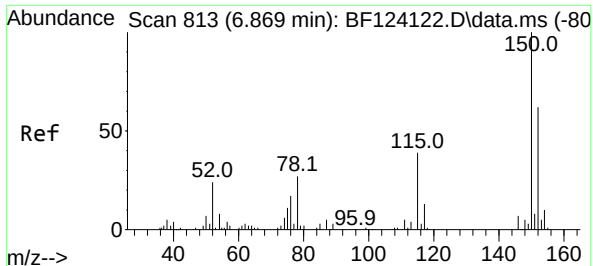
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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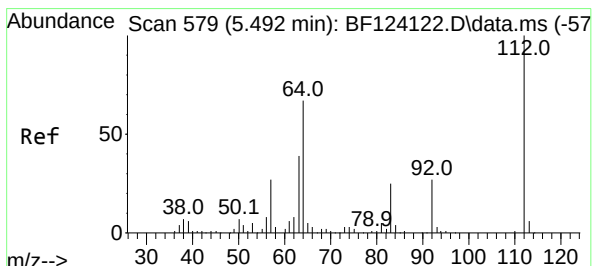
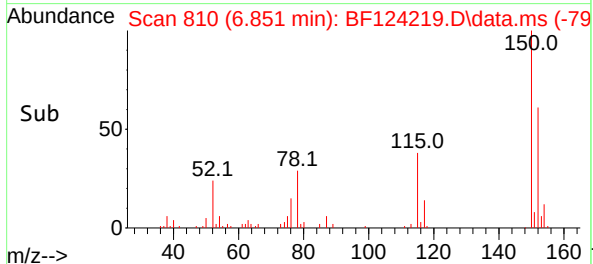
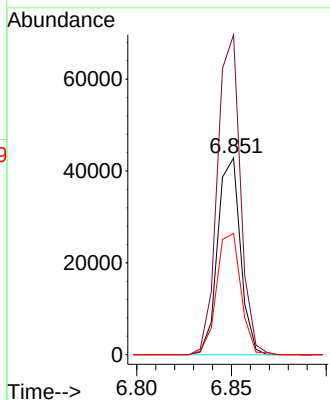
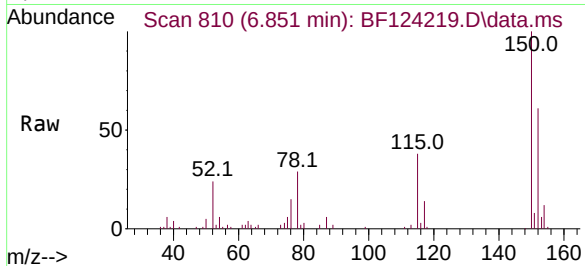




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

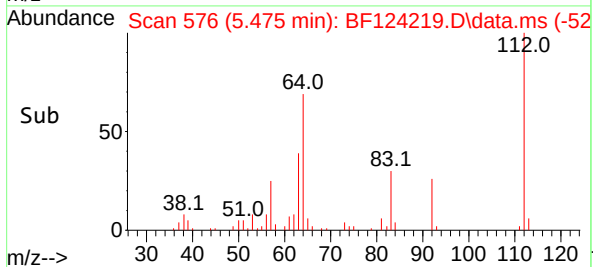
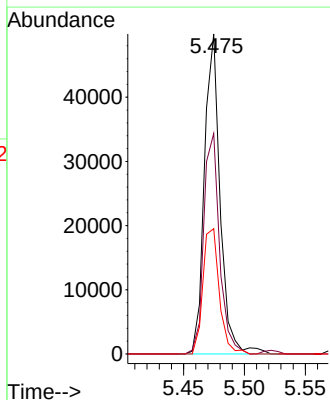
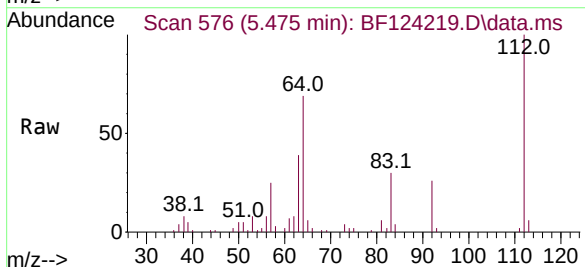
Instrument :
BNA_F
ClientSampleId :
HD-02-060721

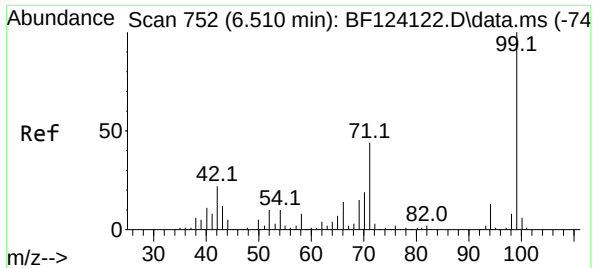
Tgt Ion:152 Resp: 35791
Ion Ratio Lower Upper
152 100
150 162.7 127.0 190.6
115 61.7 54.3 81.5



#5
2-Fluorophenol
Concen: 18.803 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:112 Resp: 44707
Ion Ratio Lower Upper
112 100
64 68.9 61.4 92.0
63 39.2 33.0 49.4

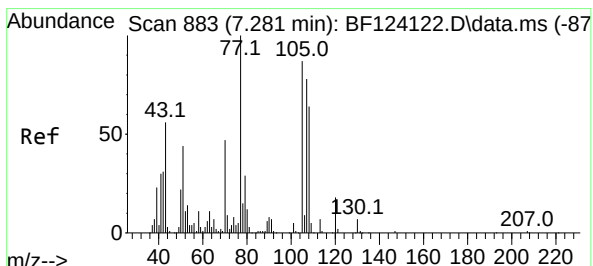
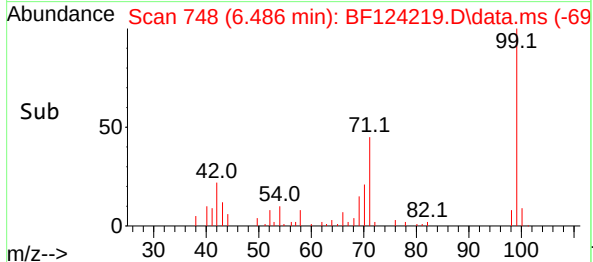
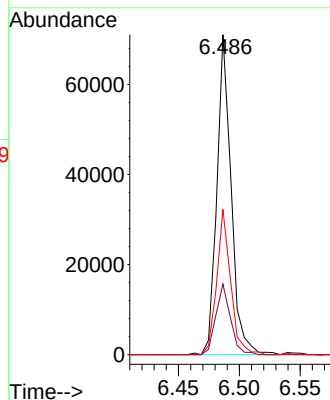
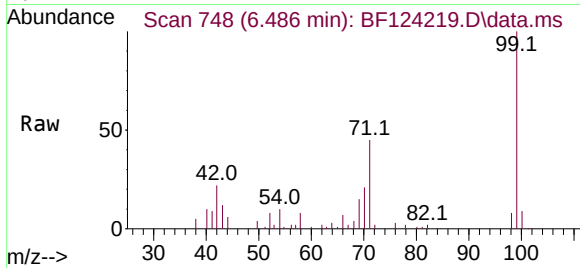




#7
Phenol-d6
Concen: 18.138 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

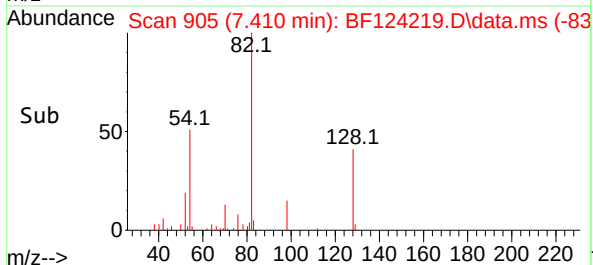
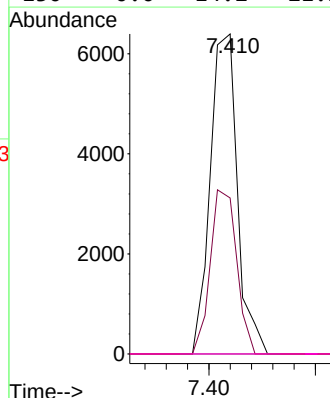
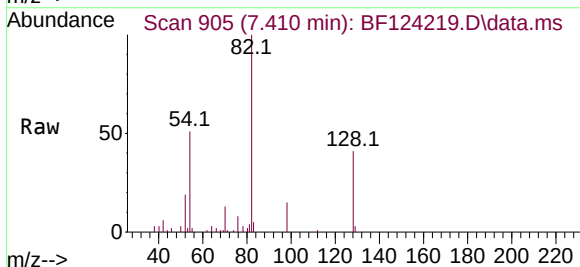
Instrument :
BNA_F
ClientSampleId :
HD-02-060721

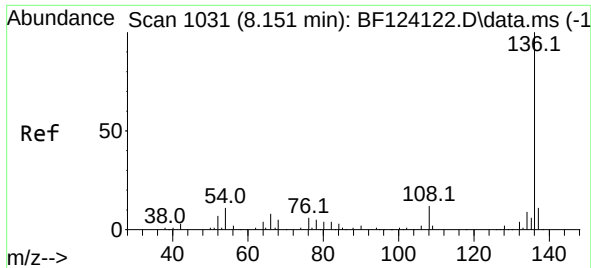
Tgt Ion:	99	Resp:	57967
Ion	Ratio	Lower	Upper
99	100		
42	22.1	19.8	29.8
71	45.4	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.509 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

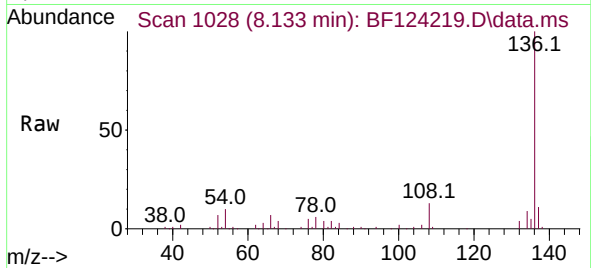
Tgt Ion:	70	Resp:	5661
Ion	Ratio	Lower	Upper
70	100		
42	48.8	60.1	90.1#
101	0.0	7.4	11.2#
130	0.0	14.2	21.2#



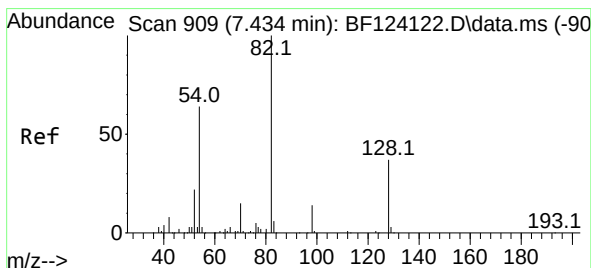
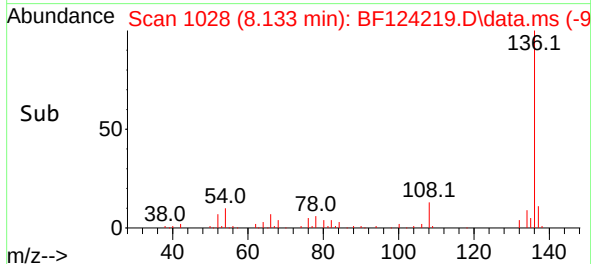
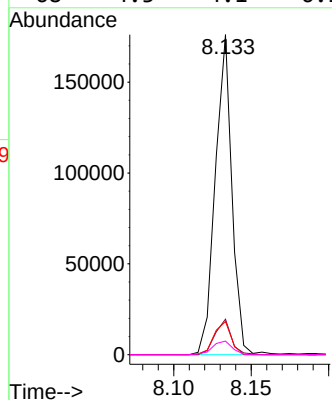


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Instrument :
BNA_F
ClientSampleId :
HD-02-060721

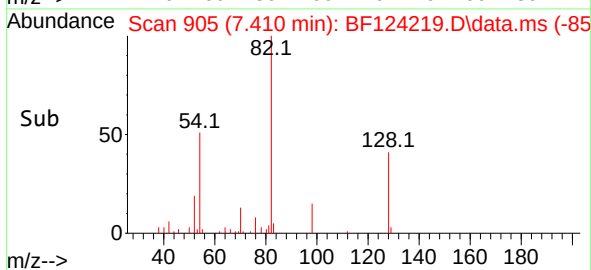
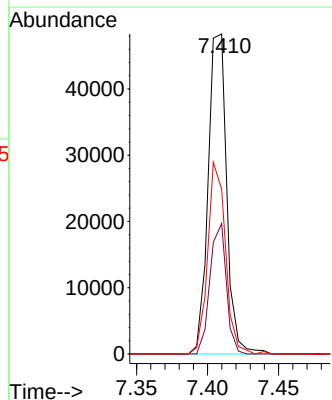
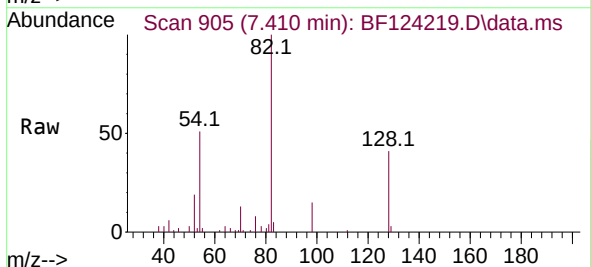


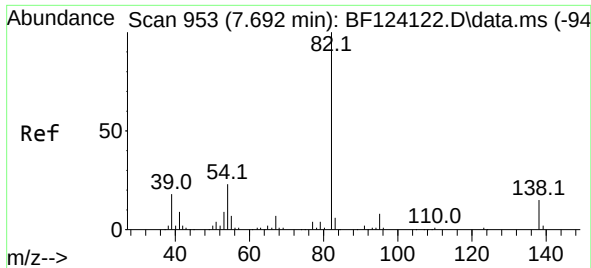
Tgt Ion:136 Resp: 131434
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.3 9.8 14.6
68 4.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 13.293 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion: 82 Resp: 44051
Ion Ratio Lower Upper
82 100
128 40.8 29.4 44.2
54 51.5 54.1 81.1#

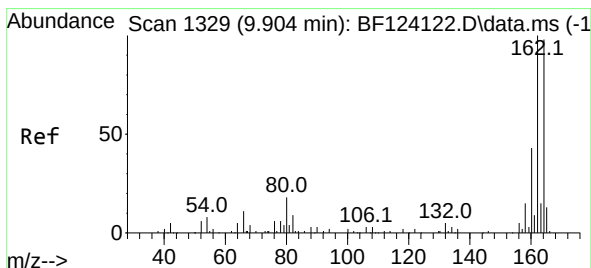
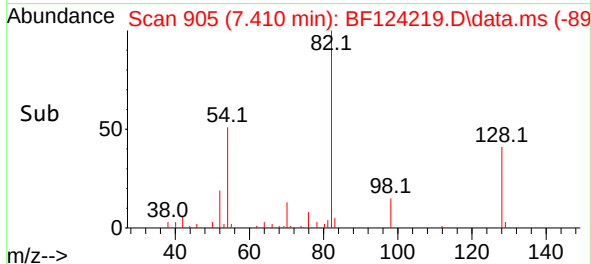
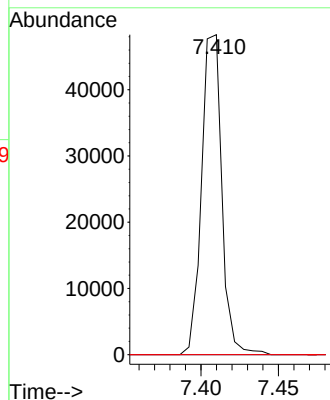
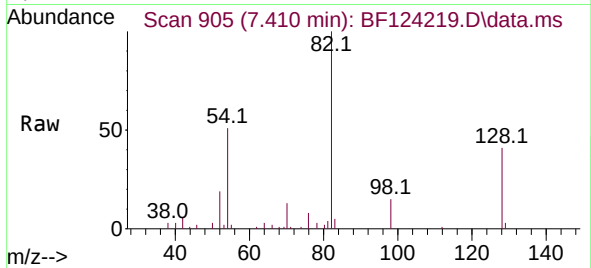




#25
Isophorone
Concen: 7.376 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

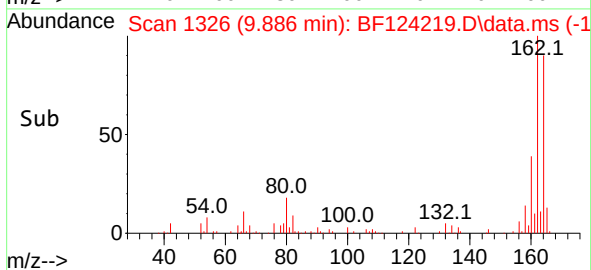
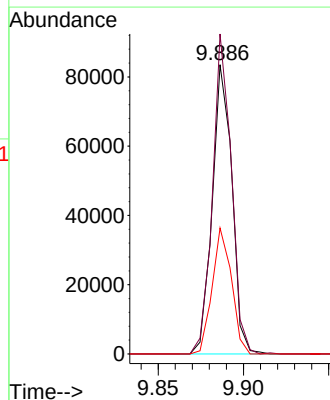
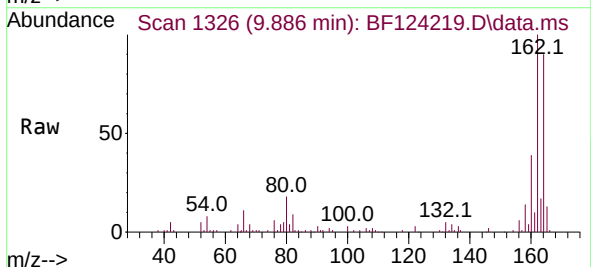
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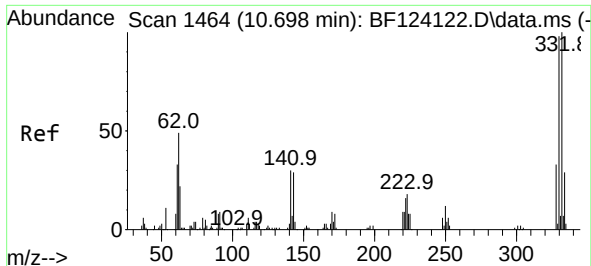
Tgt Ion: 82 Resp: 44050
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:164 Resp: 67047
Ion Ratio Lower Upper
164 100
162 110.6 80.7 121.1
160 43.5 37.3 55.9

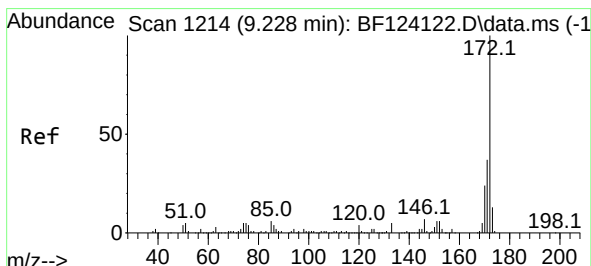
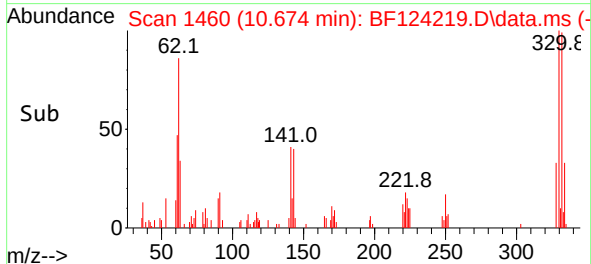
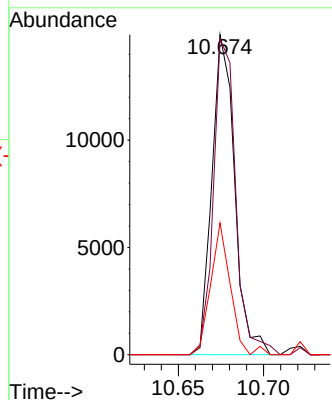
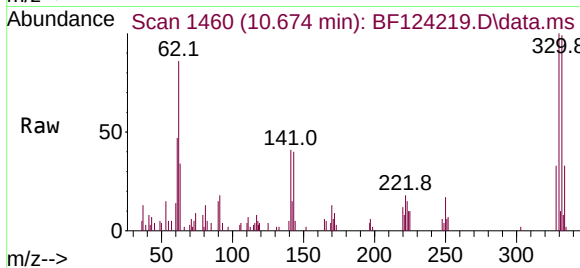




#42
2,4,6-Tribromophenol
Concen: 14.561 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

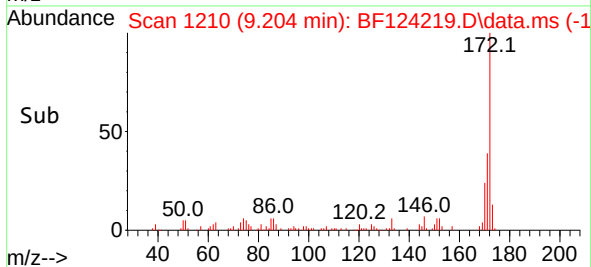
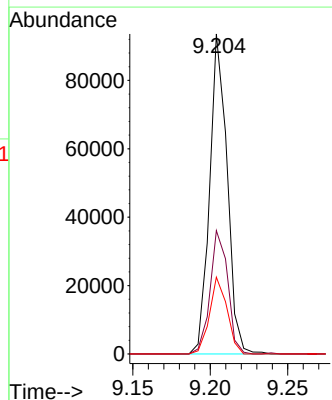
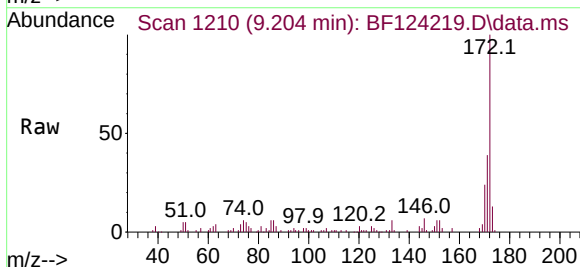
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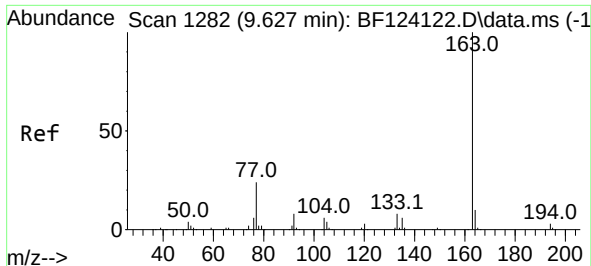
Tgt Ion:330 Resp: 13831
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 35.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 13.788 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:172 Resp: 73465
Ion Ratio Lower Upper
172 100
171 38.5 28.1 42.1
170 24.0 19.2 28.8

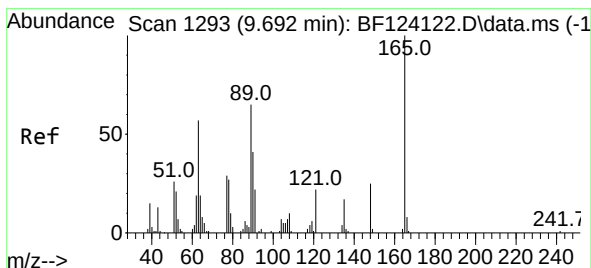
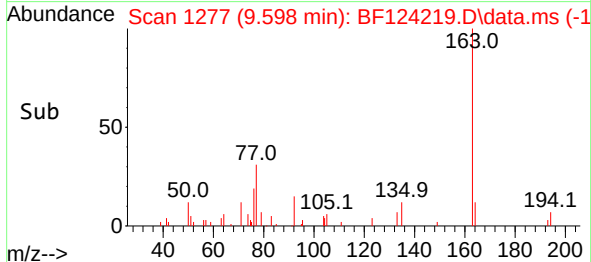
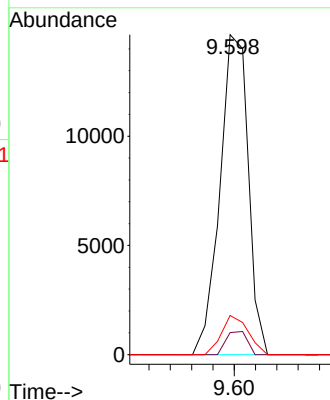
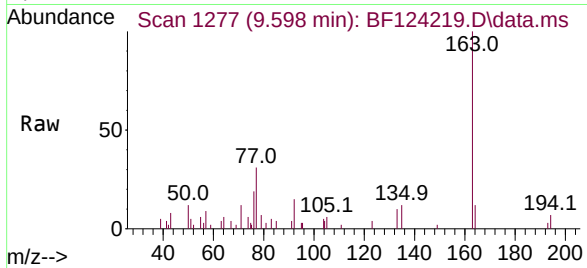




#50
Dimethylphthalate
Concen: 2.443 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

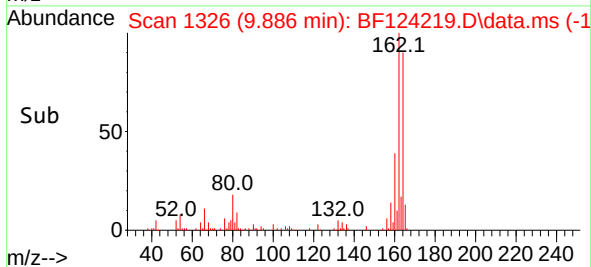
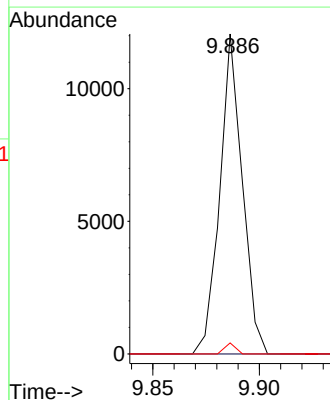
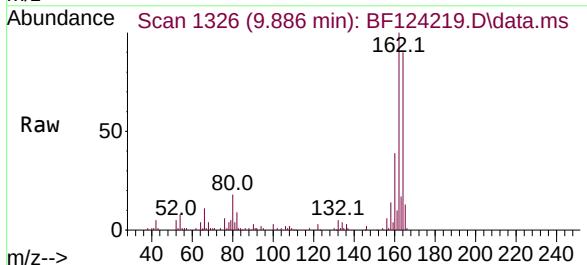
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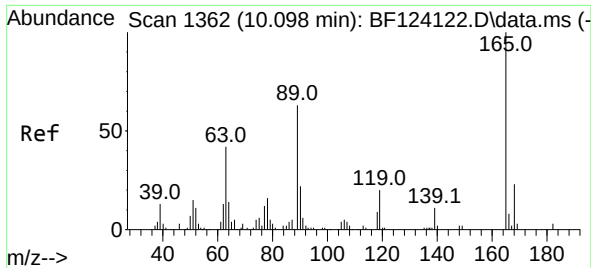
Tgt Ion:163 Resp: 13549
Ion Ratio Lower Upper
163 100
194 6.9 3.1 4.7#
164 12.2 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 6.967 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

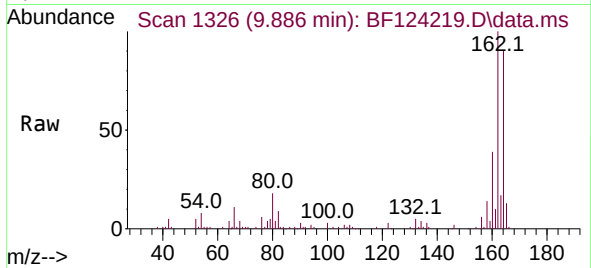
Tgt Ion:165 Resp: 8861
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.4 58.8 88.2#



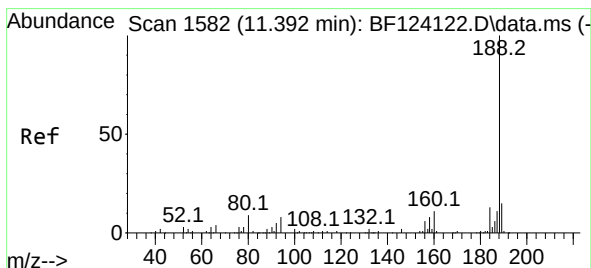
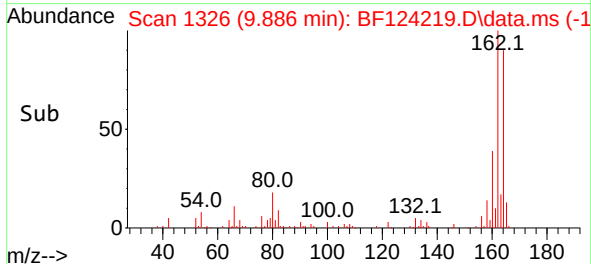
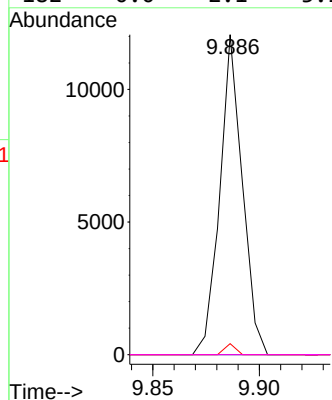


#57
2,4-Dinitrotoluene
Concen: 5.283 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Instrument :
BNA_F
ClientSampleId :
HD-02-060721

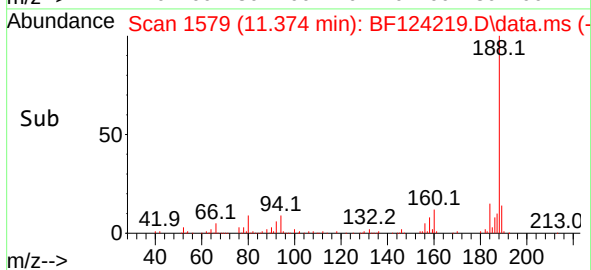
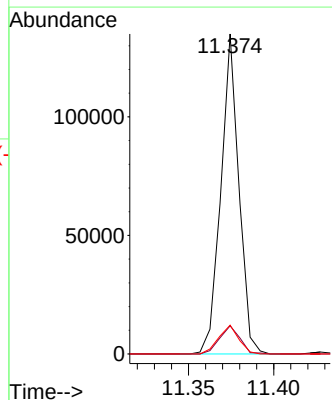
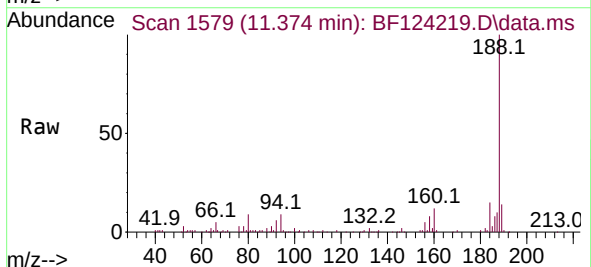


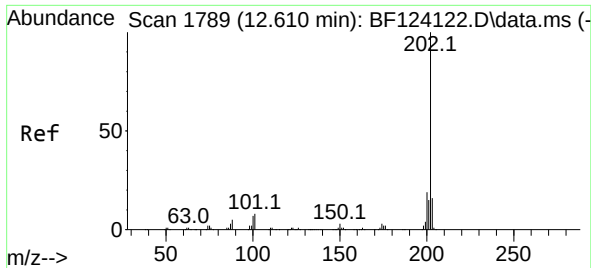
Tgt Ion:165 Resp: 8861
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.4 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:188 Resp: 99269
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.0 8.2 12.2

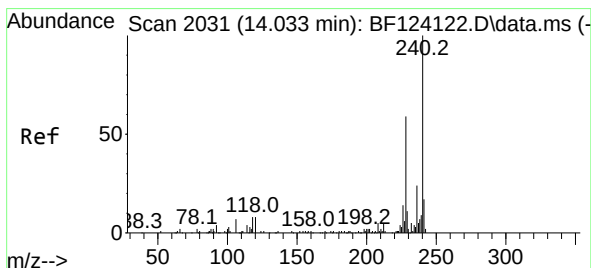
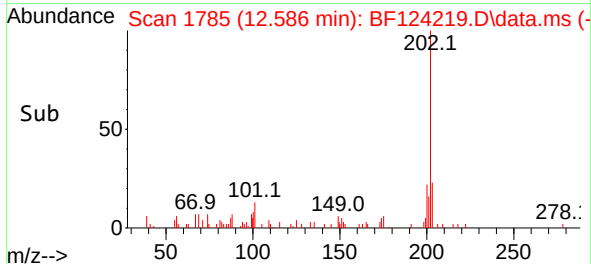
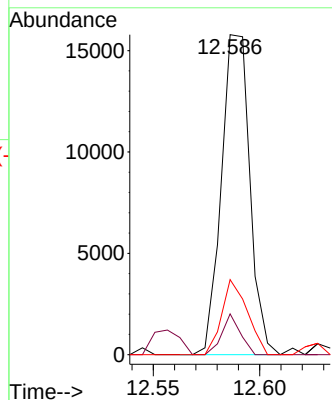
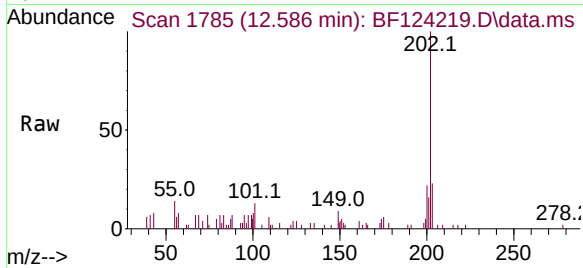




#75
Fluoranthene
Concen: 2.259 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

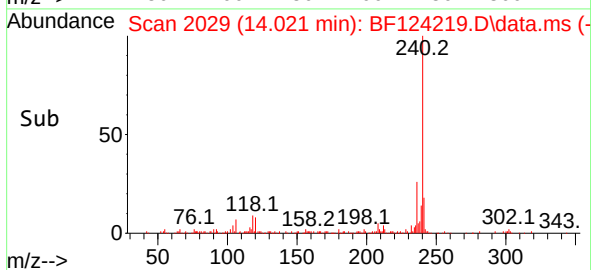
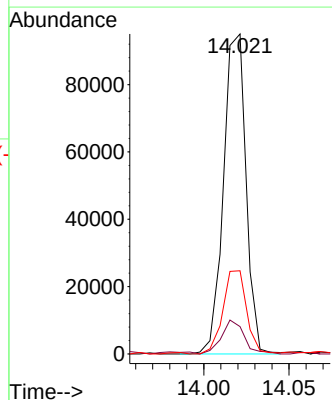
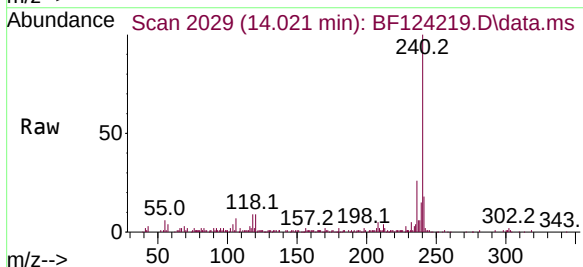
Instrument :
BNA_F
ClientSampleId :
HD-02-060721

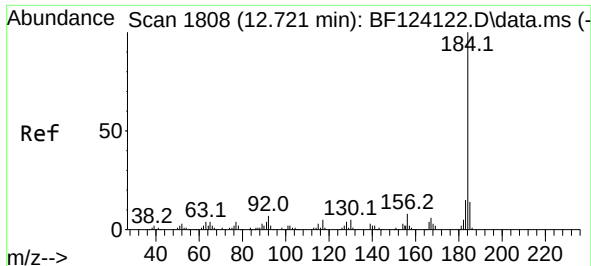
Tgt Ion:	202	Resp:	14707
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	30.9
203	23.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:	240	Resp:	87344
Ion Ratio	Lower	Upper	
240	100		
120	8.5	7.2	10.8
236	26.0	19.0	28.4

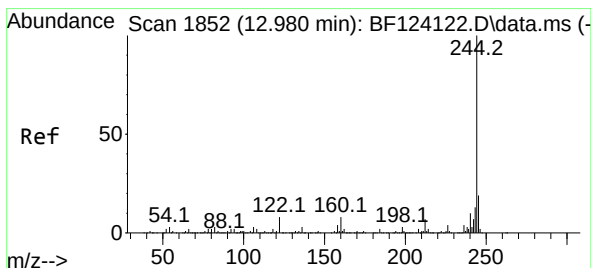
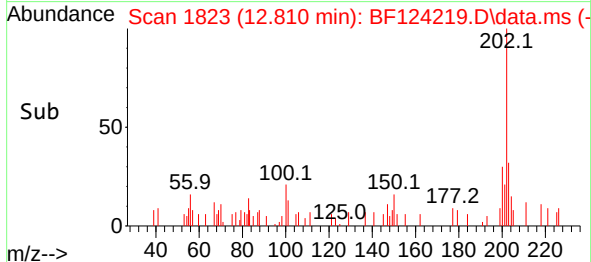
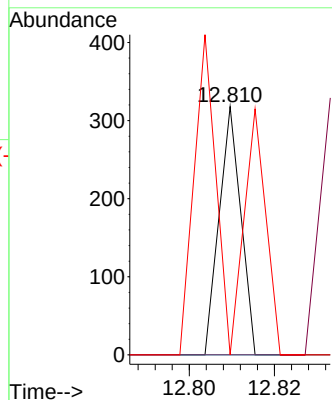
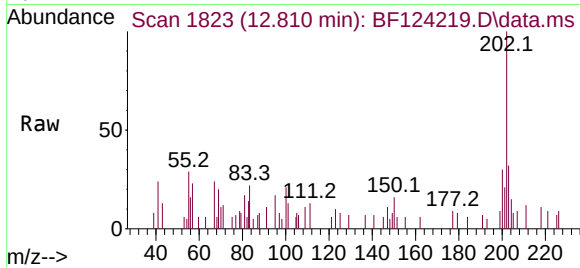




#77
Benzidine
Concen: 4.111 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.100 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

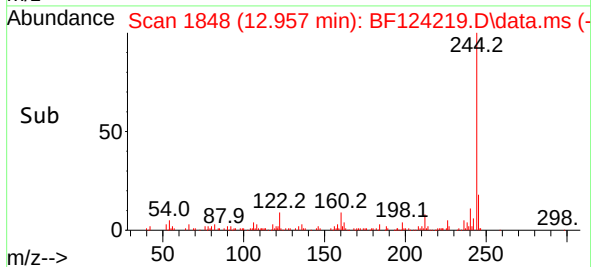
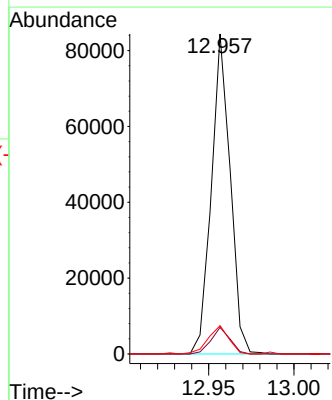
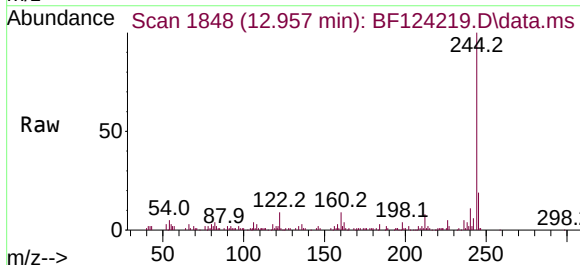
Instrument :
BNA_F
ClientSampleId :
HD-02-060721

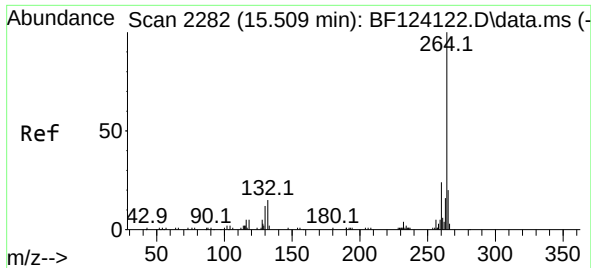
Tgt Ion:184 Resp: 112
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 10.170 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:244 Resp: 64701
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 8.8 9.7 14.5#

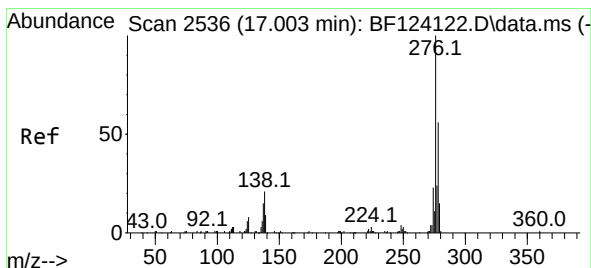
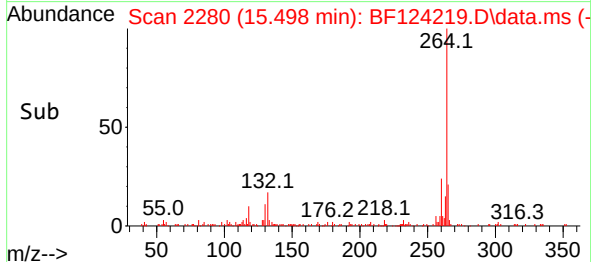
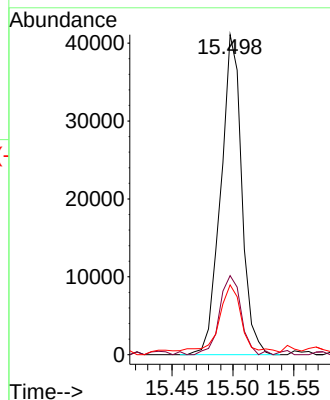
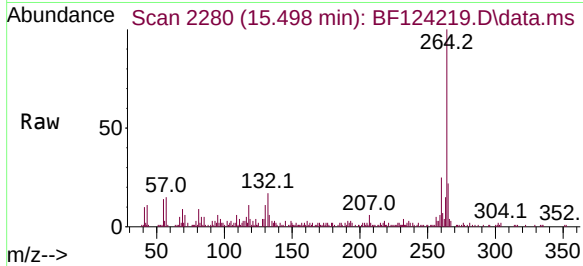




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

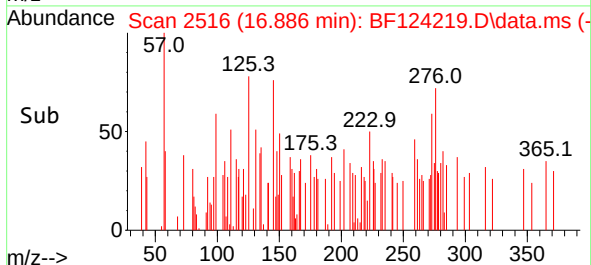
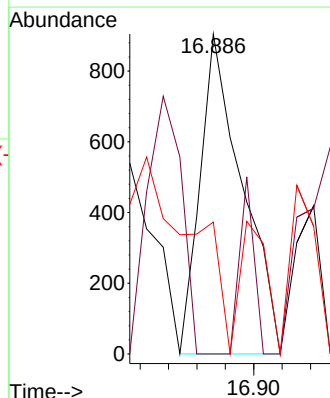
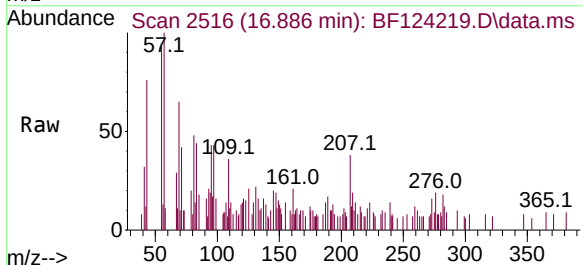
Instrument :
BNA_F
ClientSampleId :
HD-02-060721

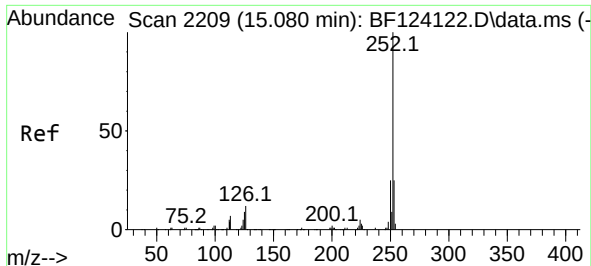
Tgt Ion:264	Resp:	49150
Ion Ratio	Lower	Upper
264	100	
260	24.7	18.7 28.1
265	21.8	17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.542 ng
RT: 16.886 min Scan# 2516
Delta R.T. -0.094 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:276	Resp:	931
Ion Ratio	Lower	Upper
276	100	
138	19.0	16.2 24.2
277	26.1	20.1 30.1

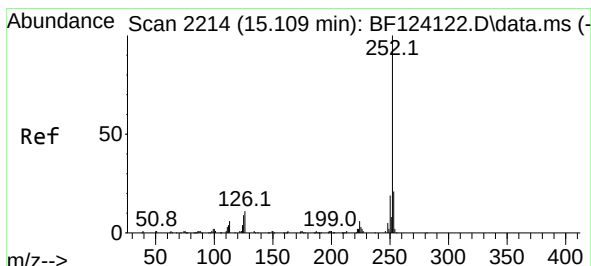
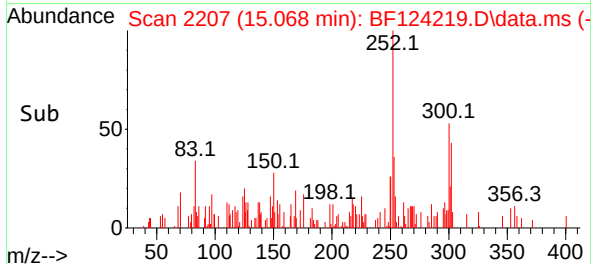
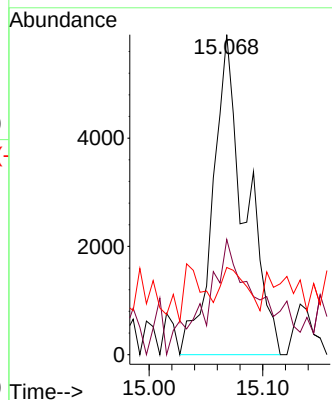
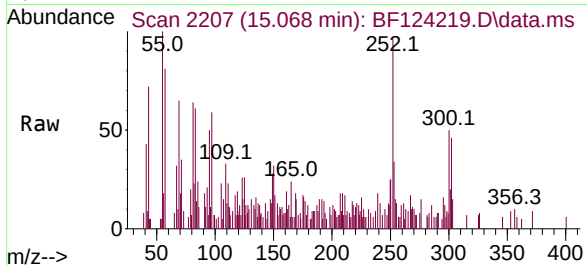




#88
Benzo(b)fluoranthene
Concen: 3.043 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

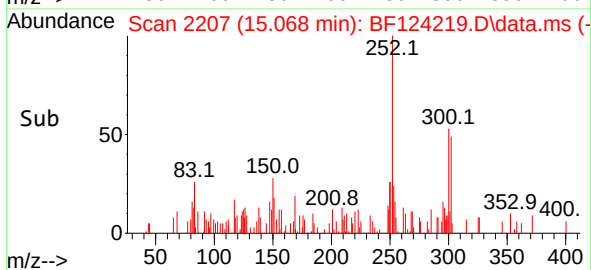
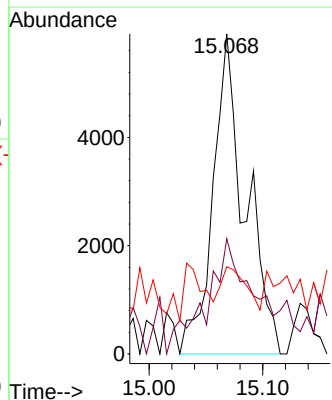
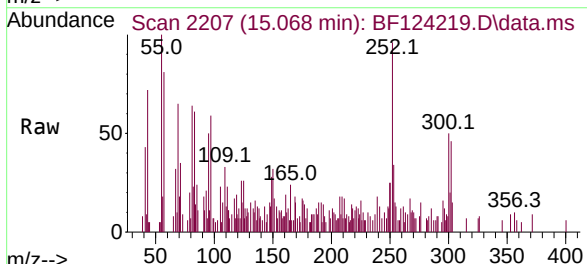
Instrument :
BNA_F
ClientSampleId :
HD-02-060721

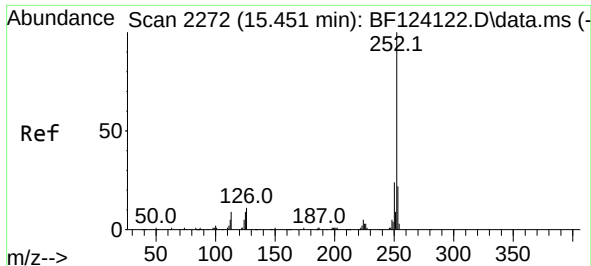
Tgt Ion:252 Resp: 11620
Ion Ratio Lower Upper
252 100
253 36.0 18.1 27.1#
125 35.1 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 3.215 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.024 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:252 Resp: 11620
Ion Ratio Lower Upper
252 100
253 36.0 17.9 26.9#
125 35.1 7.0 10.6#

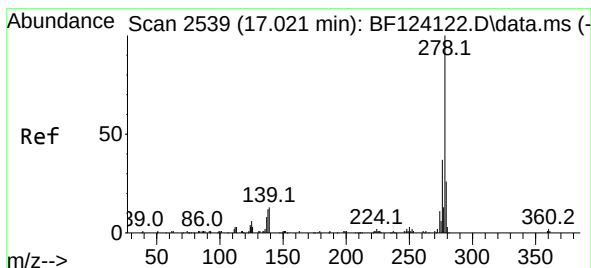
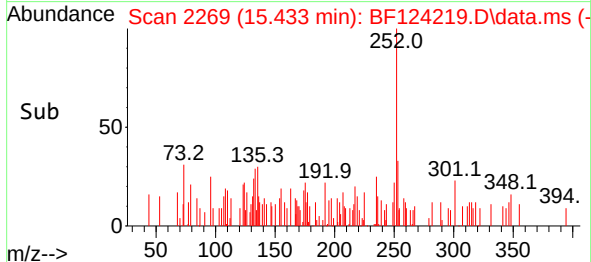
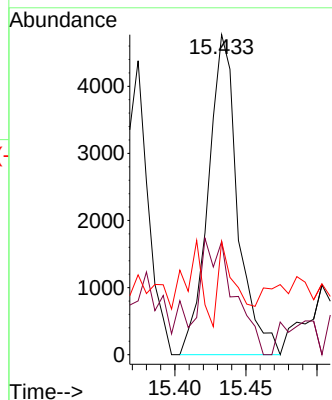
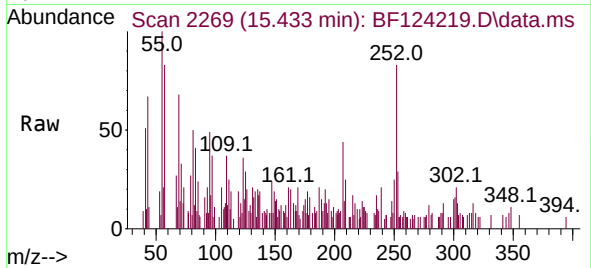




#90
Benzo(a)pyrene
Concen: 2.079 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

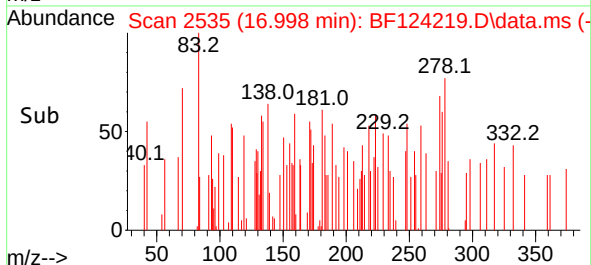
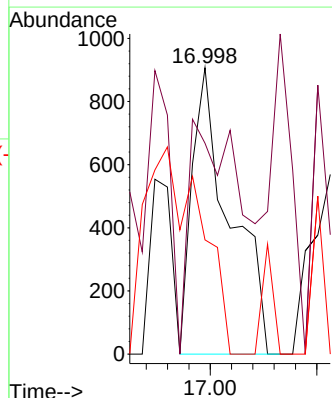
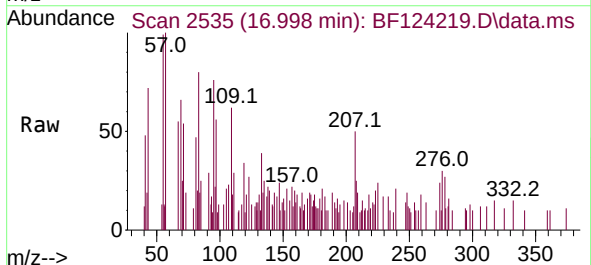
Instrument :
BNA_F
ClientSampleId :
HD-02-060721

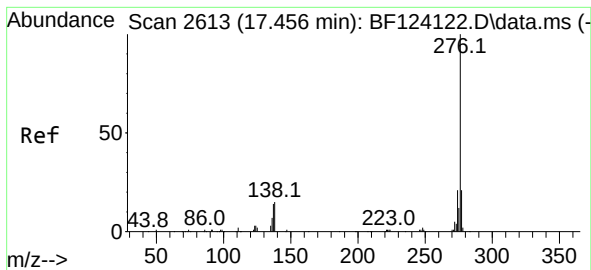
Tgt Ion:252 Resp: 6894
Ion Ratio Lower Upper
252 100
253 35.4 18.4 27.6#
125 35.4 8.0 12.0#



#91
Dibenzo(a,h)anthracene
Concen: 4.468 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:278 Resp: 1120
Ion Ratio Lower Upper
278 100
139 52.6 10.2 15.2#
279 28.5 19.4 29.0





#92
 Benzo(g,h,i)perylene
 Concen: 5.142 ng
 RT: 17.445 min Scan# 2611
 Delta R.T. 0.012 min
 Lab File: BF124219.D
 Acq: 9 Jun 2021 20:59

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-060721

Tgt Ion:276 Resp: 4995
 Ion Ratio Lower Upper
 276 100
 277 17.2 18.2 27.2#
 138 15.0 13.8 20.6

