

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124807.D
 Acq On : 27 Jul 2021 22:40
 Operator : JU/CG
 Sample : M3151-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Jul 28 03:08:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

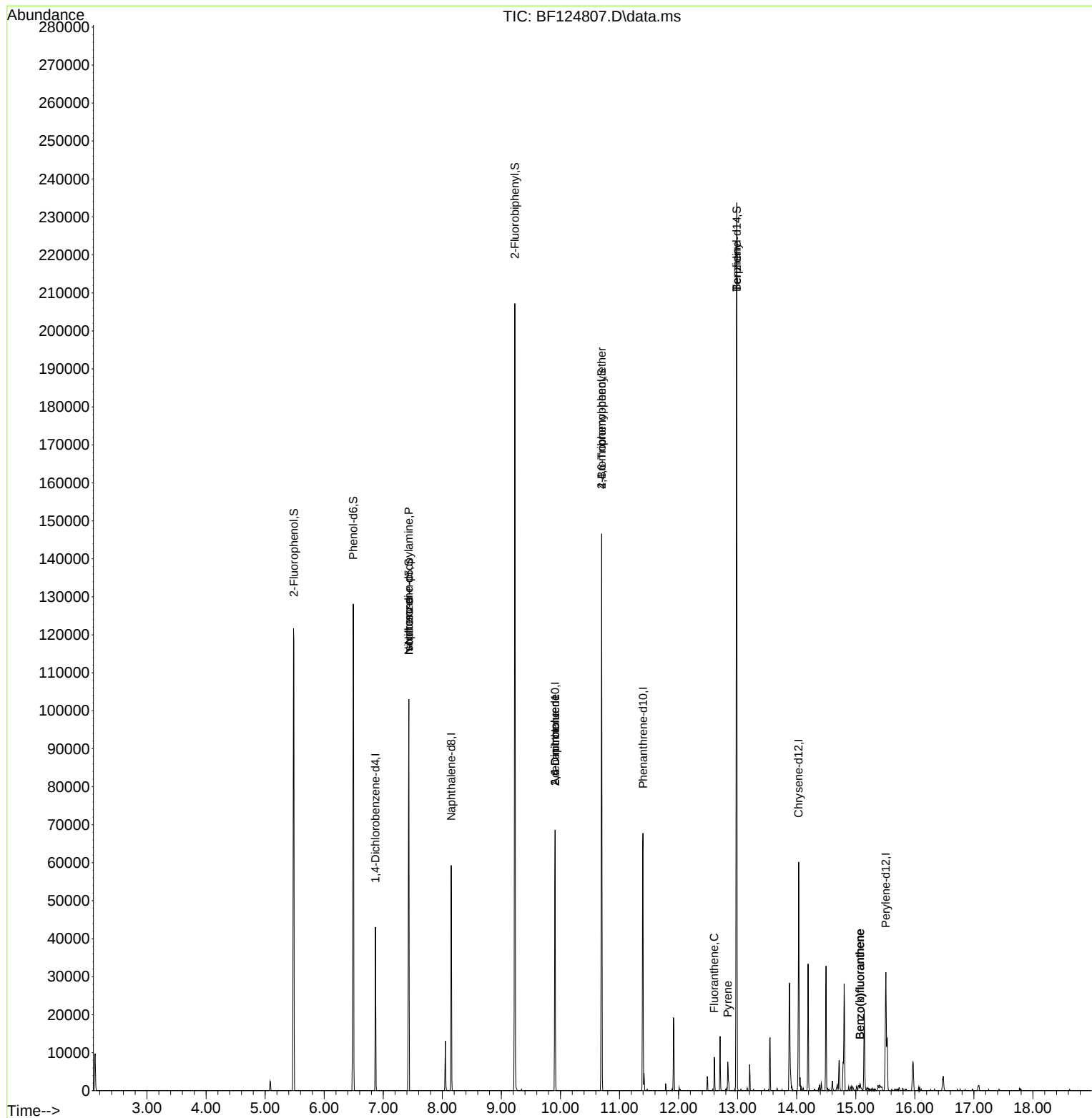
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5993	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	23708	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	14094	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	26890	20.00	ng	0.00
76) Chrysene-d12	14.033	240	19964	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	15305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	35469	100.21	ng	0.00
7) Phenol-d6	6.492	99	44111	99.41	ng	0.00
23) Nitrobenzene-d5	7.433	82	28733	72.13	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	13375	110.53	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	60161	62.69	ng	0.00
79) Terphenyl-d14	12.986	244	79695	68.43	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	3700	15.62	ng	# 65
25) Isophorone	7.433	82	28733	40.79	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1860	8.68	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1860	6.39	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1070	3.75	ng	# 1
75) Fluoranthene	12.604	202	4269	2.89	ng	90
77) Benzidine	12.986	184	1197	2.13	ng	# 69
78) Pyrene	12.833	202	3624	2.29	ng	98
88) Benzo(b)fluoranthene	15.074	252	2172	2.02	ng	# 80
89) Benzo(k)fluoranthene	15.074	252	2172	2.21	ng	# 86

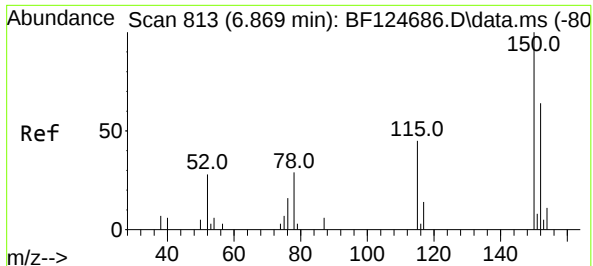
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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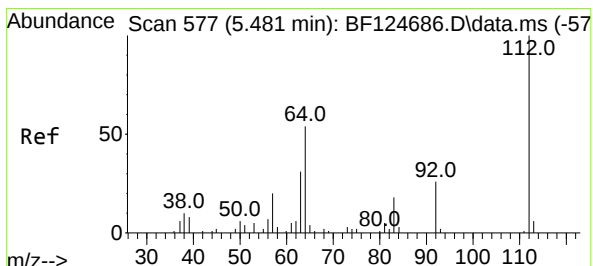
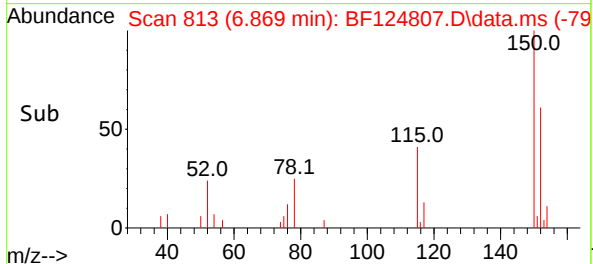
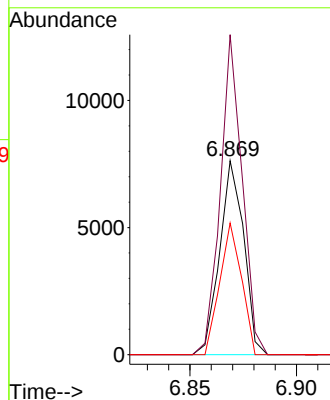
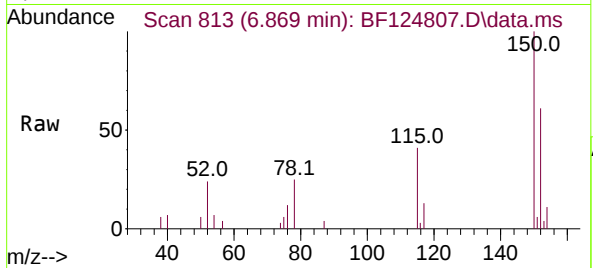




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

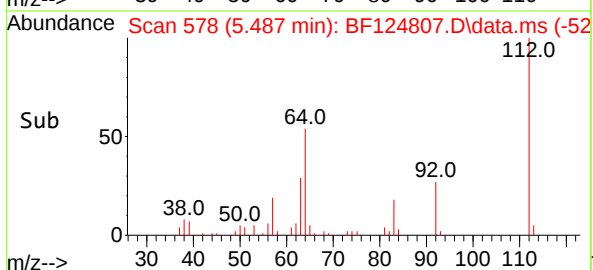
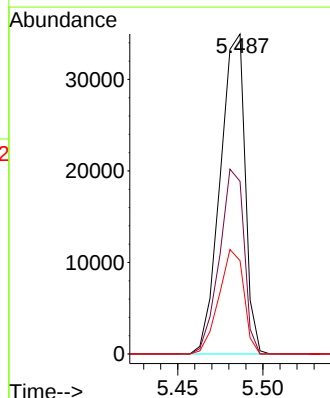
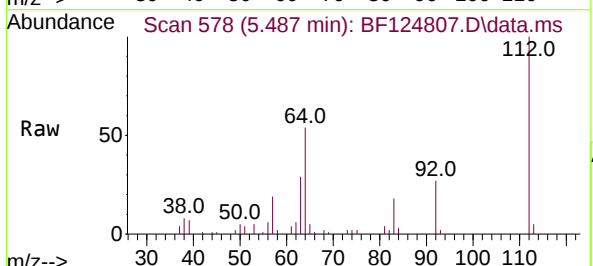
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 5993
Ion Ratio Lower Upper
152 100
150 165.0 117.6 176.4
115 67.9 47.1 70.7



#5
2-Fluorophenol
Concen: 100.21 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Tgt Ion:112 Resp: 35469
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 29.1 26.2 39.2

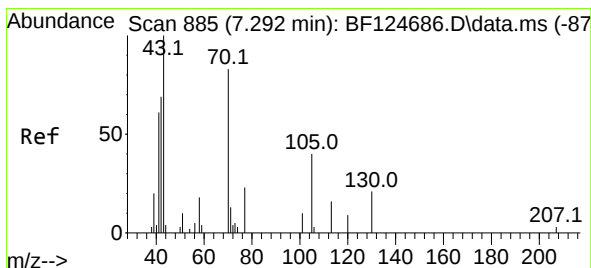
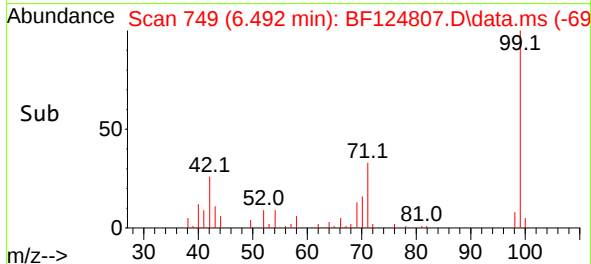
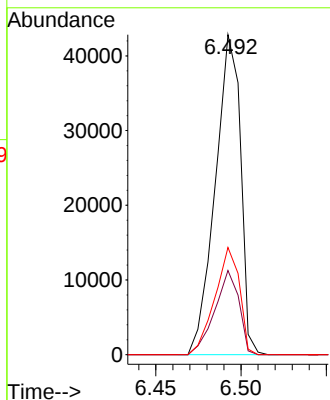
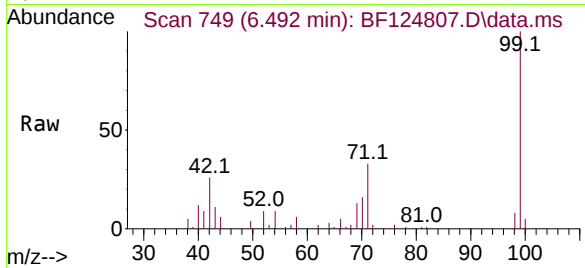




#7
Phenol-d6
Concen: 99.41 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

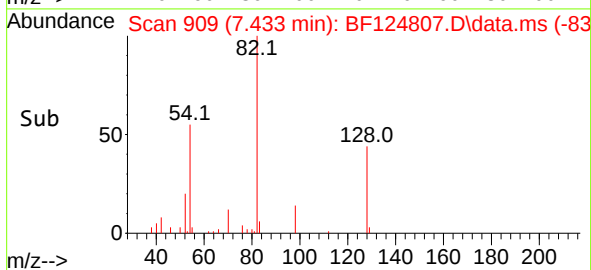
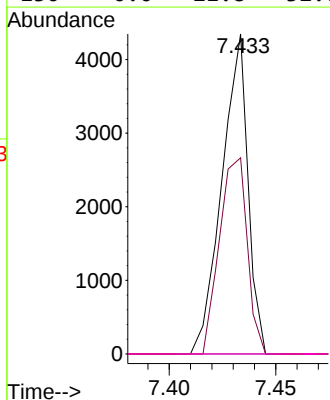
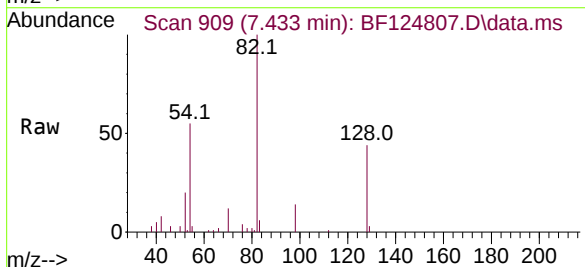
Instrument :
BNA_F
ClientSampled :
COMP-2

Tgt Ion:	99	Resp:	44111
Ion	Ratio	Lower	Upper
99	100		
42	26.3	23.5	35.3
71	33.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.62 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Tgt Ion:	70	Resp:	3700
Ion	Ratio	Lower	Upper
70	100		
42	61.3	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

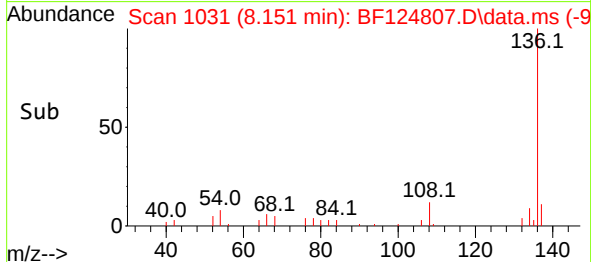
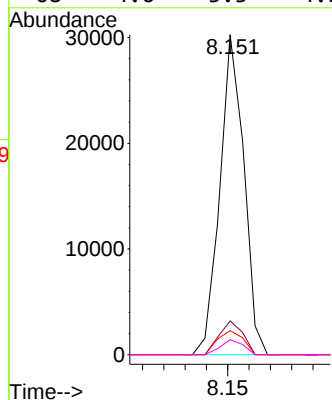
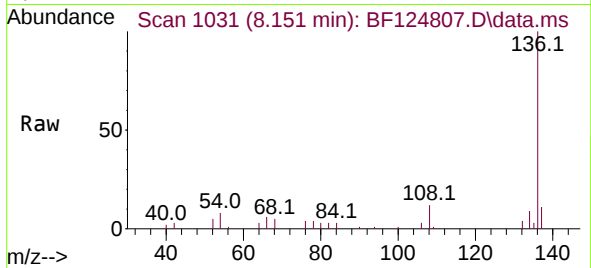




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

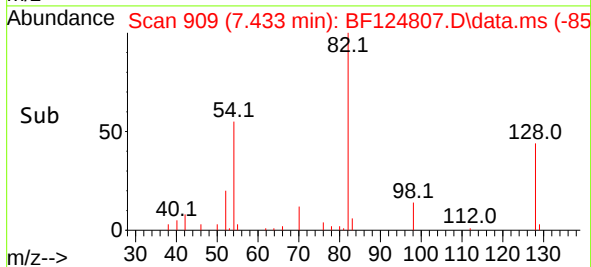
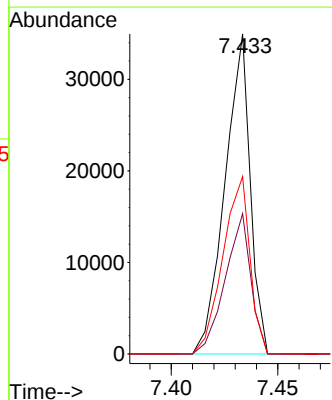
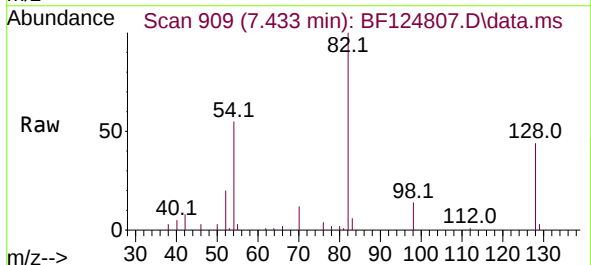
Instrument :
BNA_F
ClientSampled :
COMP-2

Tgt Ion:136	Resp:	23708
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.8 14.6
54	7.5	6.4 9.6
68	4.6	3.3 4.9



#23
Nitrobenzene-d5
Concen: 72.13 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Tgt Ion: 82	Resp:	28733
Ion Ratio	Lower	Upper
82	100	
128	43.9	40.6 60.8
54	55.5	49.6 74.4

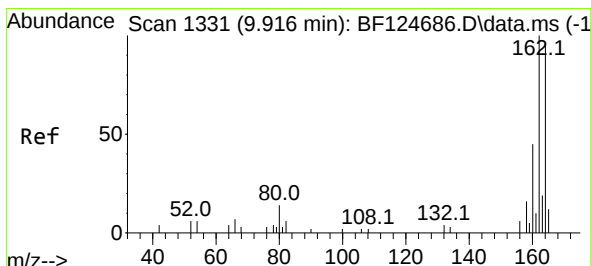
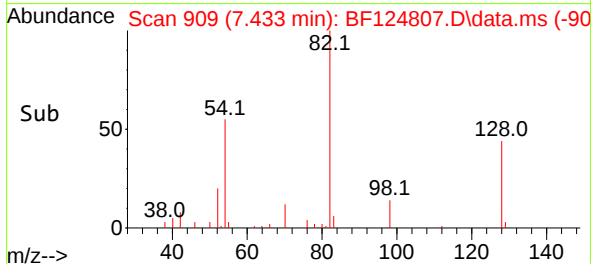
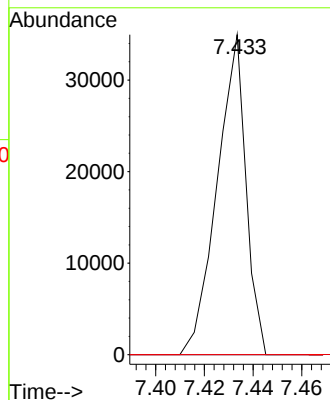
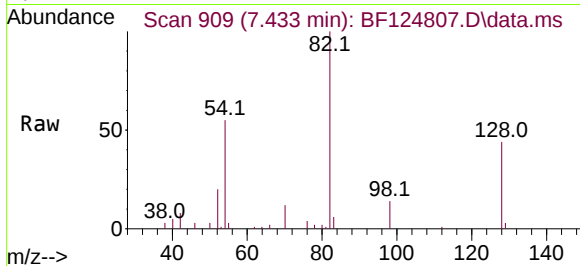




#25
Isophorone
Concen: 40.79 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

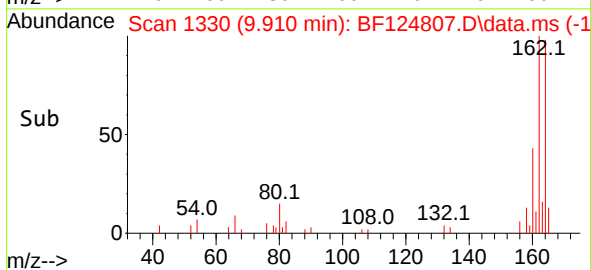
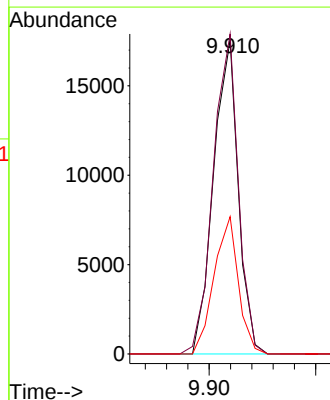
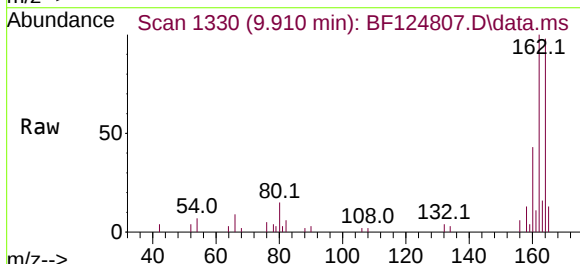
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ClientSampleId :
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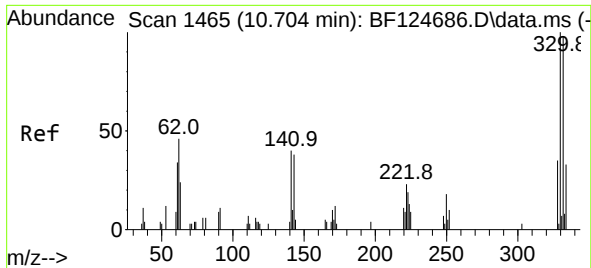
Tgt Ion: 82 Resp: 28733
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Tgt Ion: 164 Resp: 14094
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 43.8 38.0 57.0

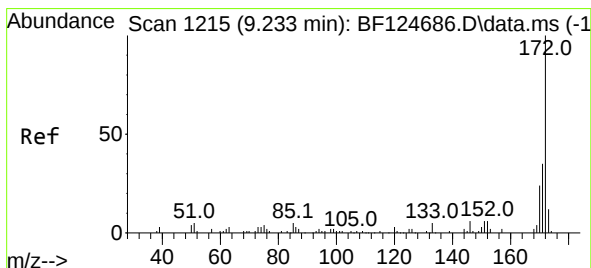
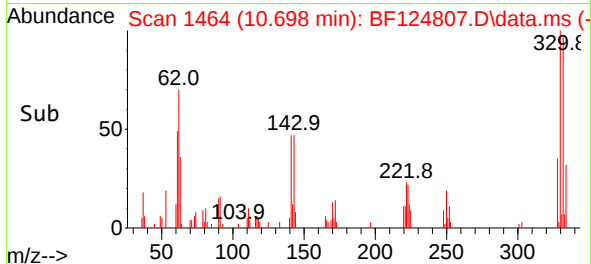
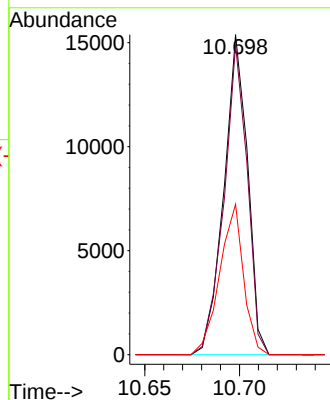
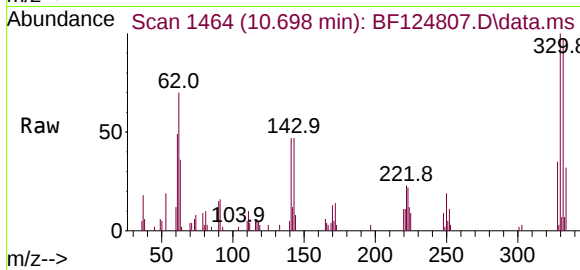




#42
2,4,6-Tribromophenol
Concen: 110.53 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

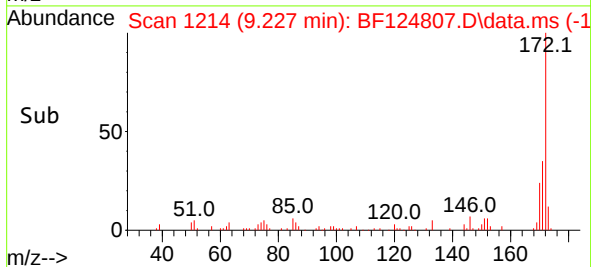
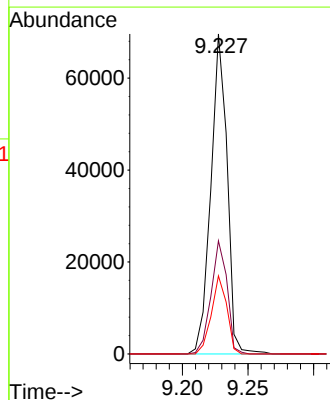
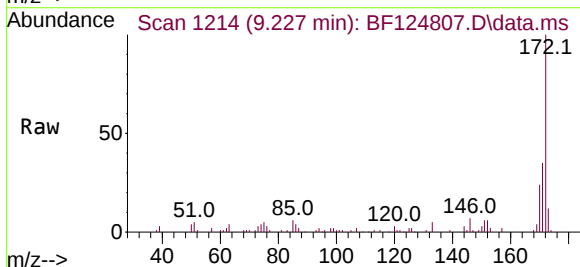
Instrument :
BNA_F
ClientSampled :
COMP-2

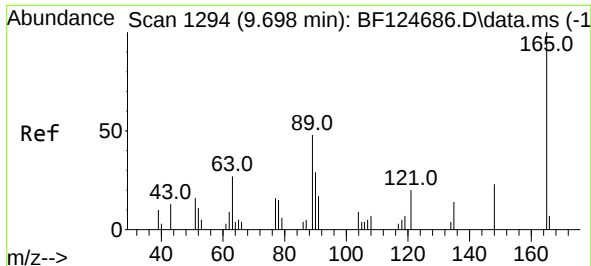
Tgt Ion: 330 Resp: 13375
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 47.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 62.69 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Tgt Ion: 172 Resp: 60161
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.4 18.8 28.2

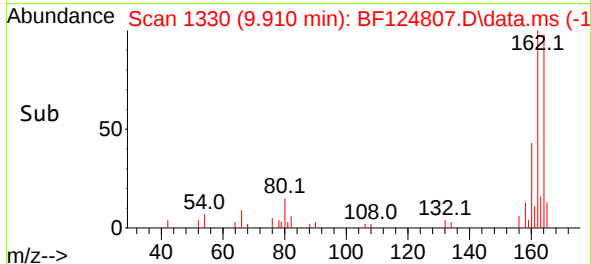
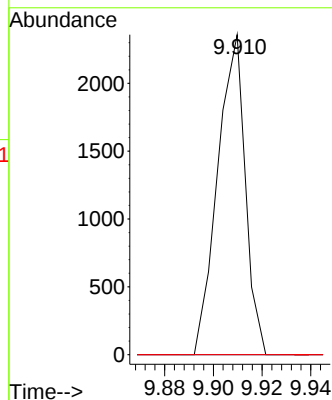
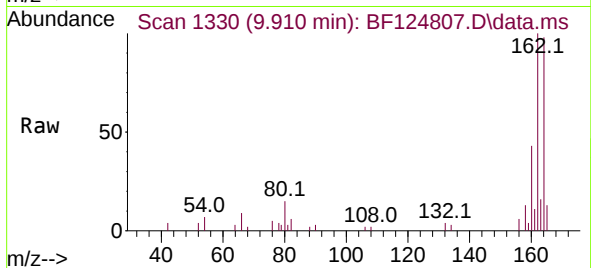




#51
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

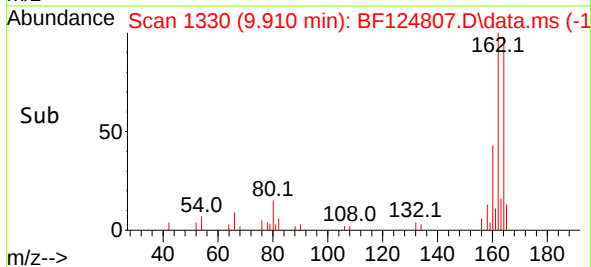
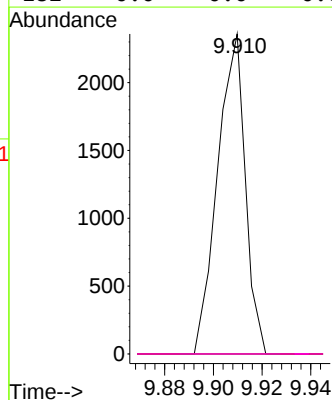
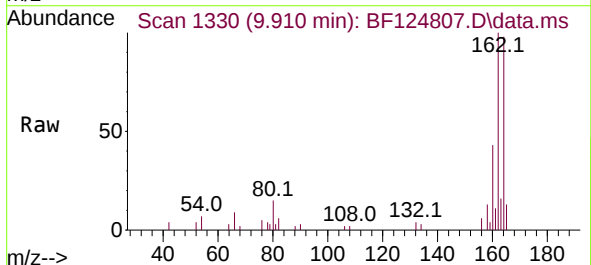
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BNA_F
ClientSampled :
COMP-2

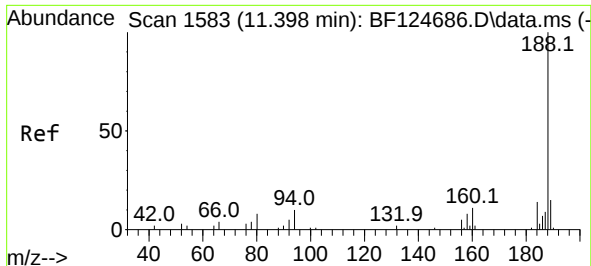
Tgt Ion:165 Resp: 1860
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Tgt Ion:165 Resp: 1860
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

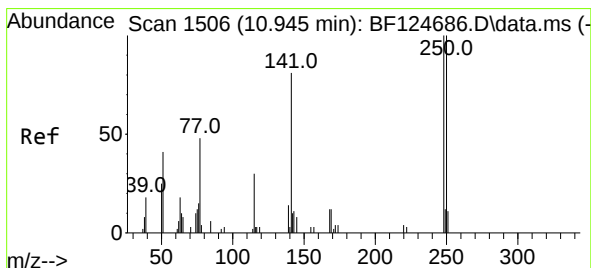
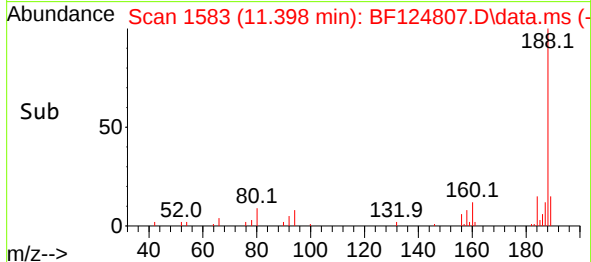
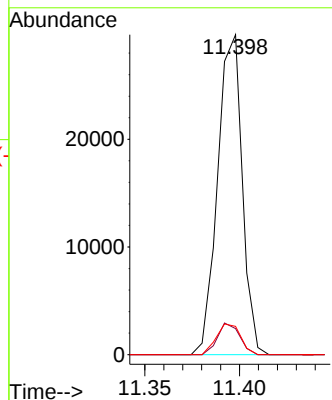
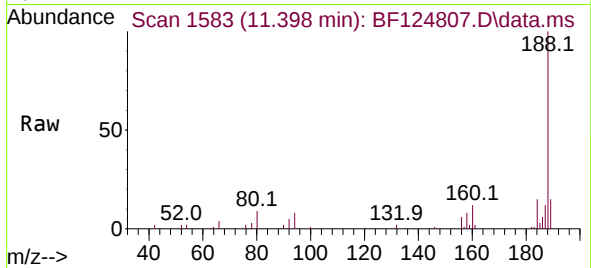




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

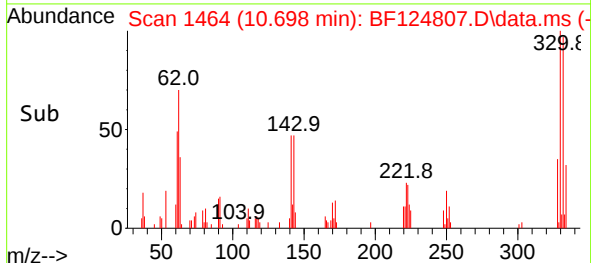
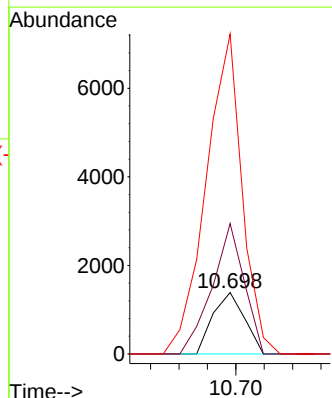
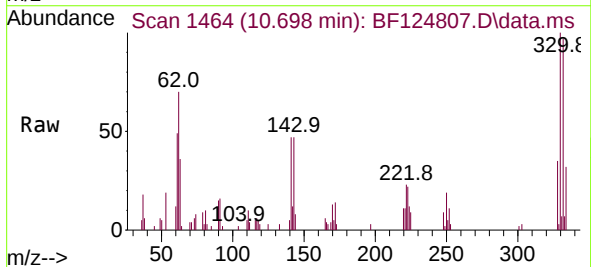
Instrument :
BNA_F
ClientSampleId :
COMP-2

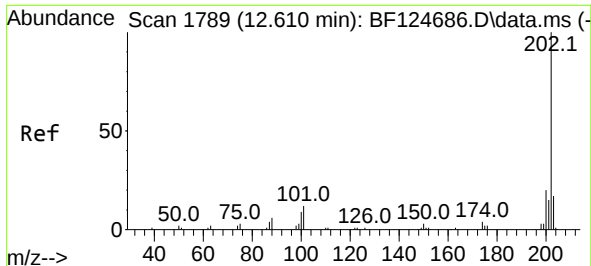
Tgt Ion:188 Resp: 26890
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Tgt Ion:248 Resp: 1070
Ion Ratio Lower Upper
248 100
250 212.3 74.2 111.4#
141 520.7 60.4 90.6#

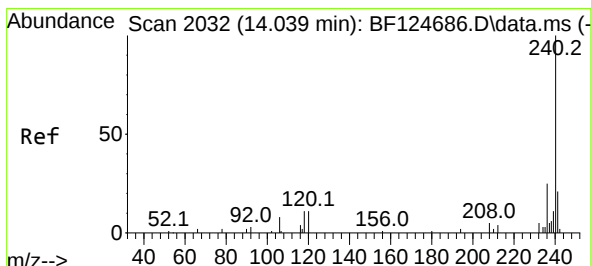
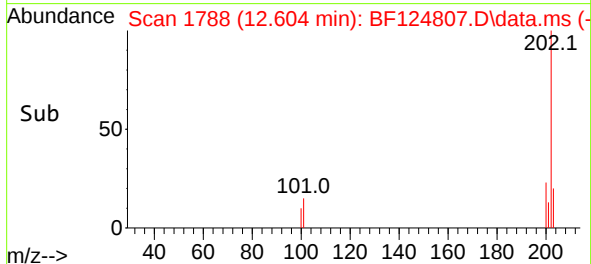
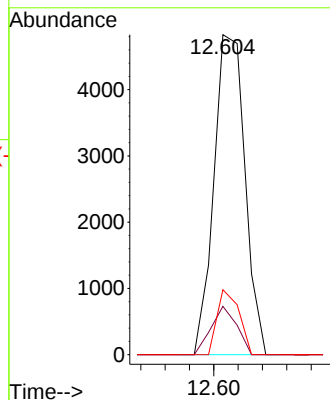
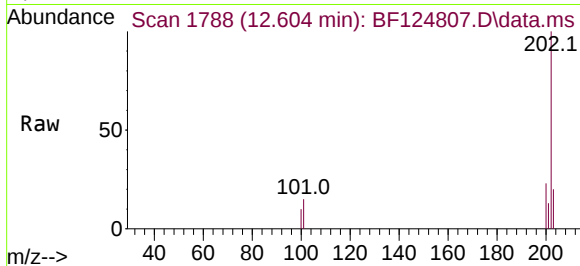




#75
Fluoranthene
Concen: 2.89 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

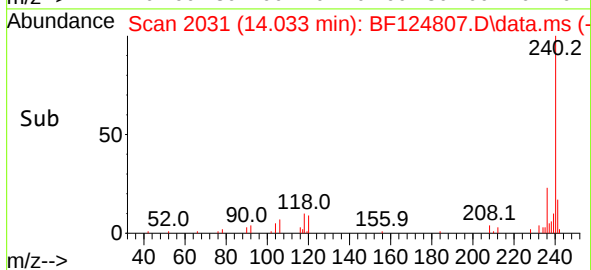
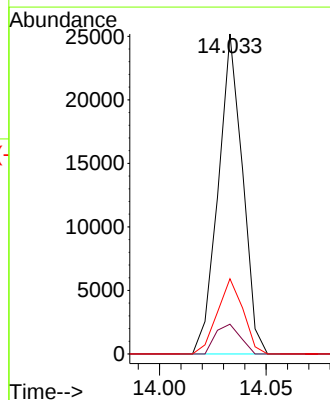
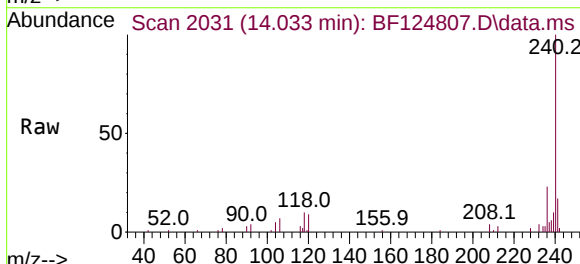
Instrument :
BNA_F
ClientSampled :
COMP-2

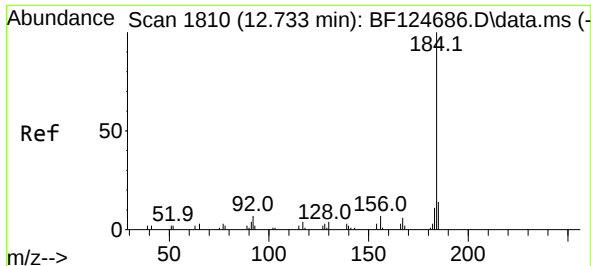
Tgt Ion:202	Resp:	4269
Ion Ratio	Lower	Upper
202	100	
101	15.1	0.0 30.7
203	20.3	0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Tgt Ion:240	Resp:	19964
Ion Ratio	Lower	Upper
240	100	
120	9.3	10.8 16.2#
236	23.5	21.6 32.4

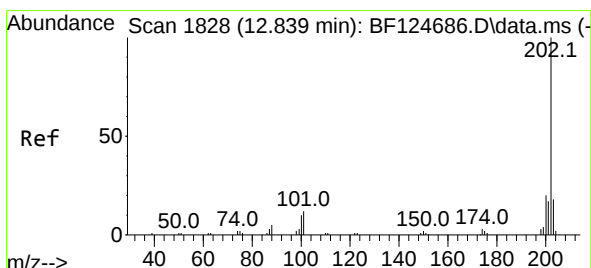
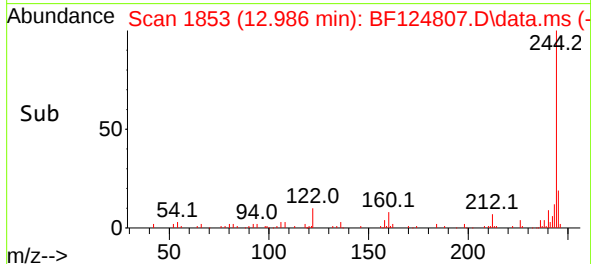
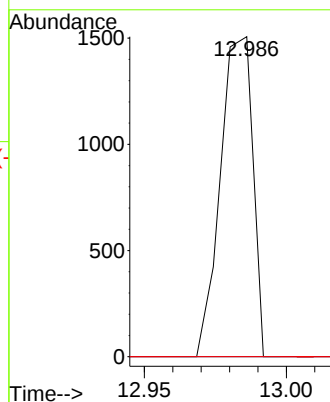
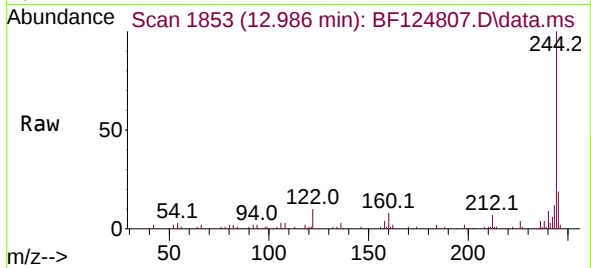




#77
Benzidine
Concen: 2.13 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

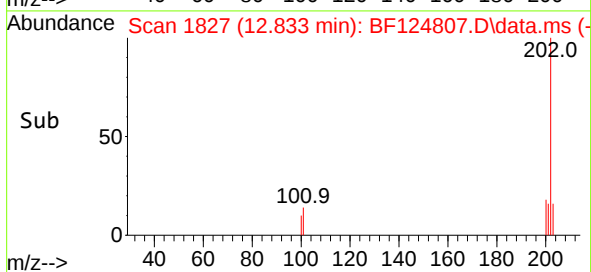
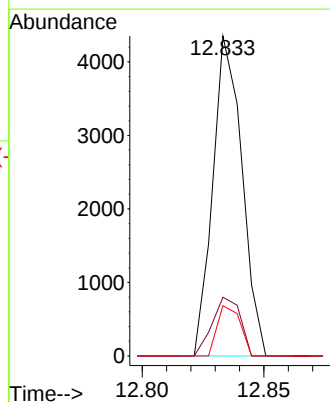
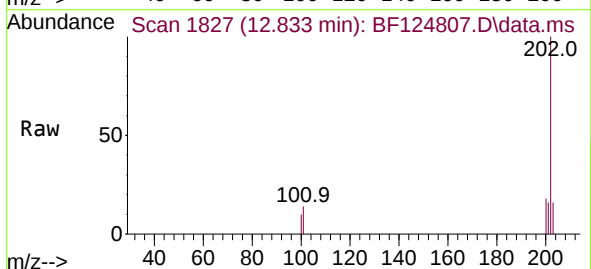
Instrument :
BNA_F
ClientSampled :
COMP-2

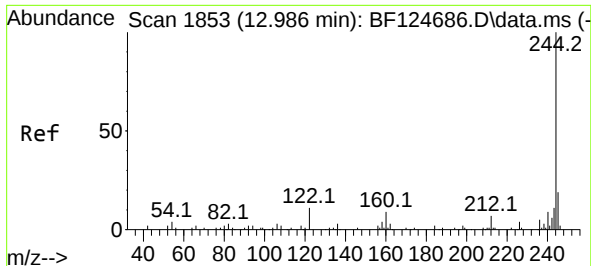
Tgt Ion:184 Resp: 1197
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#78
Pyrene
Concen: 2.29 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Tgt Ion:202 Resp: 3624
Ion Ratio Lower Upper
202 100
200 18.4 15.3 22.9
203 15.7 13.4 20.0

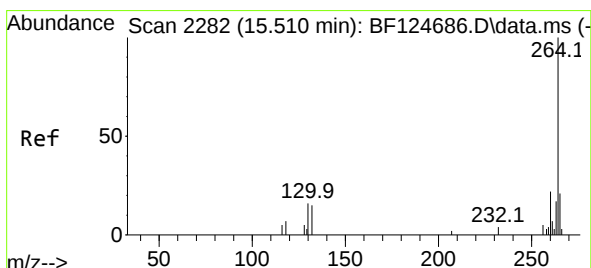
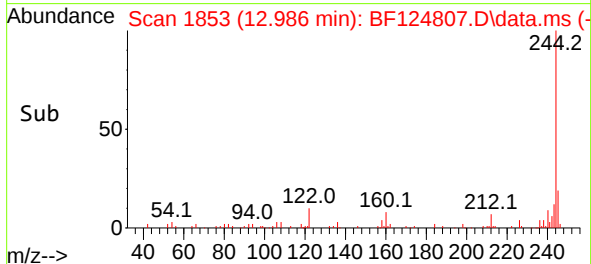
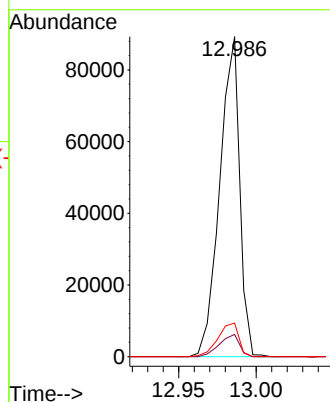
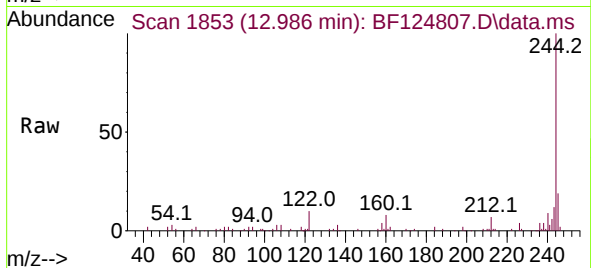




#79
 Terphenyl-d14
 Concen: 68.43 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124807.D
 Acq: 27 Jul 2021 22:40

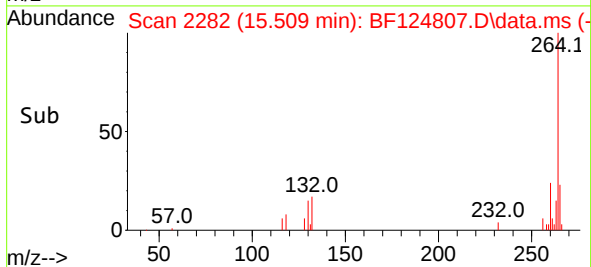
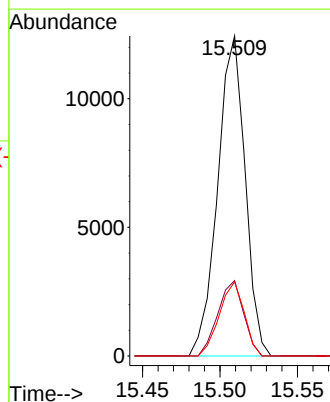
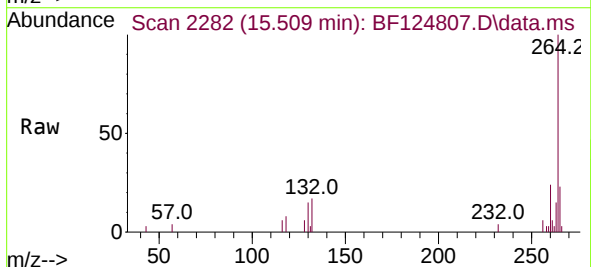
Instrument :
 BNA_F
 ClientSampled :
 COMP-2

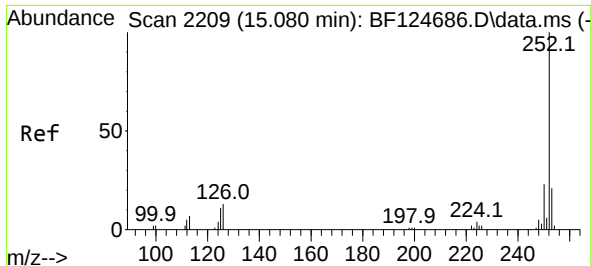
Tgt Ion:244 Resp: 79695
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.000 min
 Lab File: BF124807.D
 Acq: 27 Jul 2021 22:40

Tgt Ion:264 Resp: 15305
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 23.1 17.2 25.8

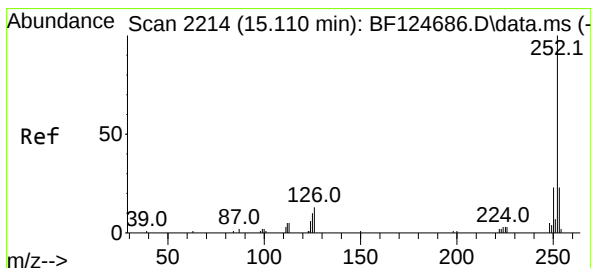
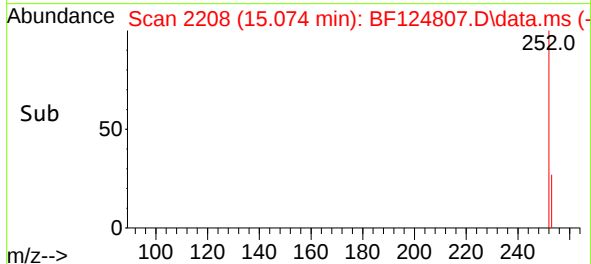
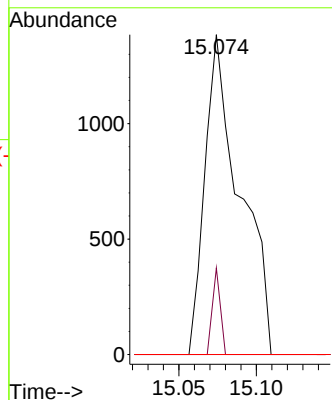
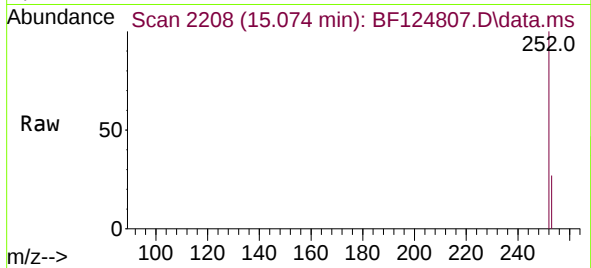




#88
Benzo(b)fluoranthene
Concen: 2.02 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Instrument :
BNA_F
ClientSampled :
COMP-2

Tgt Ion:252 Resp: 2172
Ion Ratio Lower Upper
252 100
253 27.1 16.8 25.2#
125 0.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.21 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.035 min
Lab File: BF124807.D
Acq: 27 Jul 2021 22:40

Tgt Ion:252 Resp: 2172
Ion Ratio Lower Upper
252 100
253 27.1 17.8 26.8#
125 0.0 7.2 10.8#

