

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124837.D
 Acq On : 28 Jul 2021 20:26
 Operator : JU/CG
 Sample : M3186-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA-1-(0-5)

Quant Time: Jul 29 02:11:16 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)

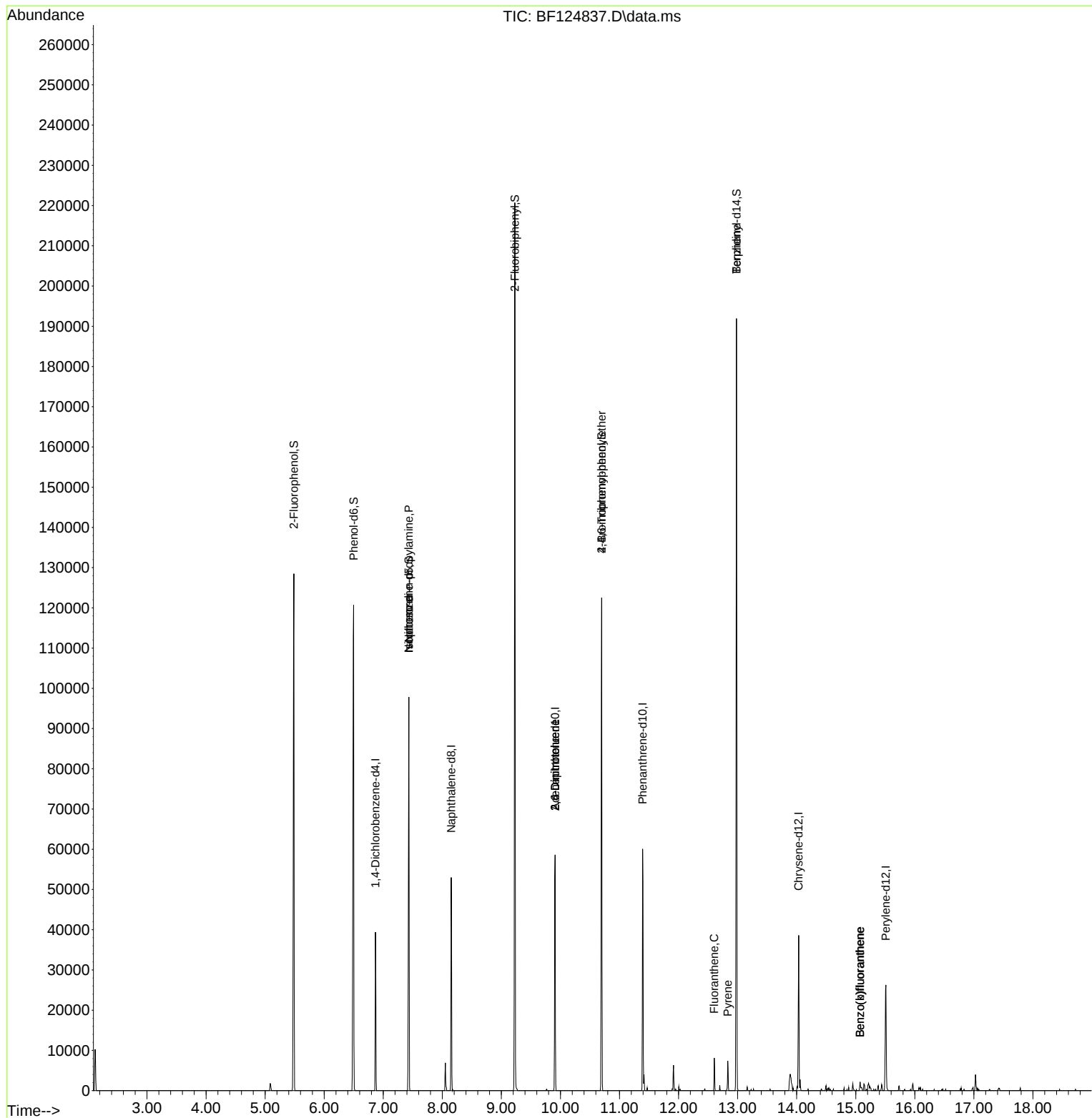
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5592	20.00	ng	# 0.00
21) Naphthalene-d8	8.151	136	22239	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12721	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	22745	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	13268	20.00	ng	0.00
86) Perylene-d12	15.509	264	13434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	33959	102.82	ng	0.00
7) Phenol-d6	6.498	99	41581	100.43	ng	0.00
23) Nitrobenzene-d5	7.434	82	27224	72.86	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	11823	108.25	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	60982	70.41	ng	0.00
79) Terphenyl-d14	12.980	244	63445	81.97	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	3495	15.81	ng	# 67
25) Isophorone	7.434	82	27223	41.20	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1584	8.19	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1584	6.03	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	855	3.54	ng	# 1
75) Fluoranthene	12.604	202	3531	2.83	ng	95
77) Benzidine	12.980	184	936	2.50	ng	# 69
78) Pyrene	12.833	202	3529	3.36	ng	97
88) Benzo(b)fluoranthene	15.074	252	2625	2.78	ng	# 79
89) Benzo(k)fluoranthene	15.074	252	2625	3.04	ng	# 85

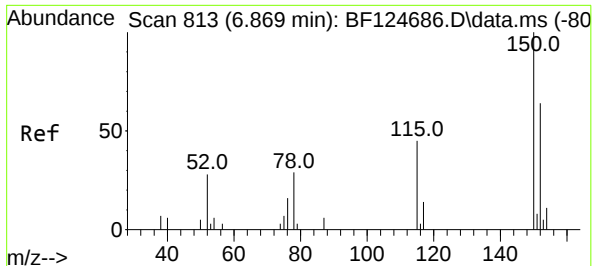
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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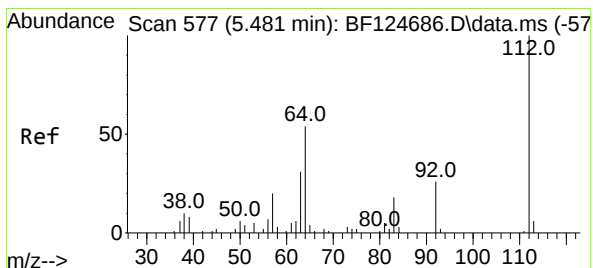
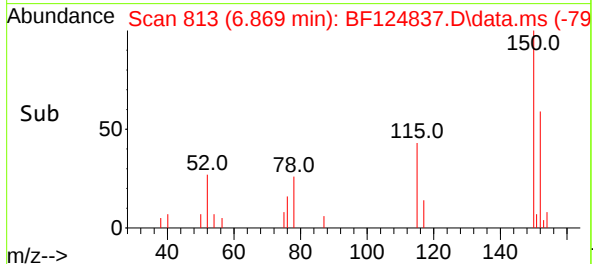
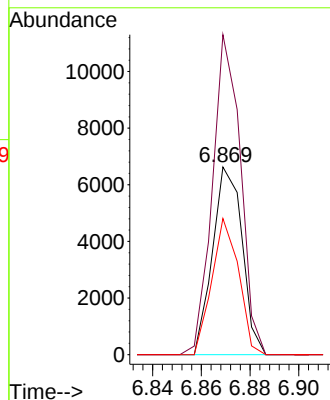
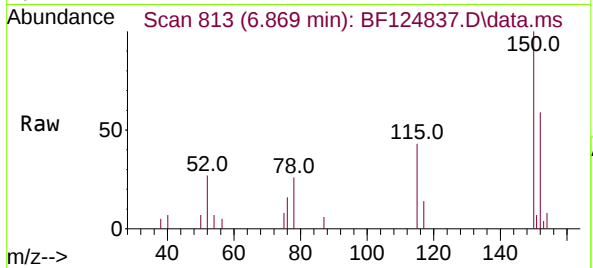




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

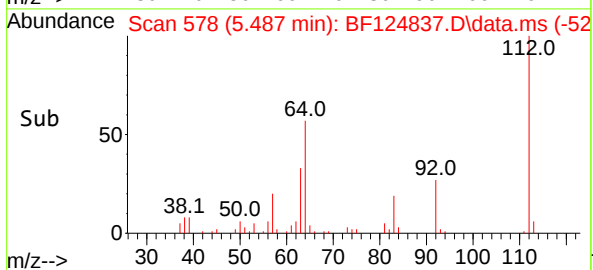
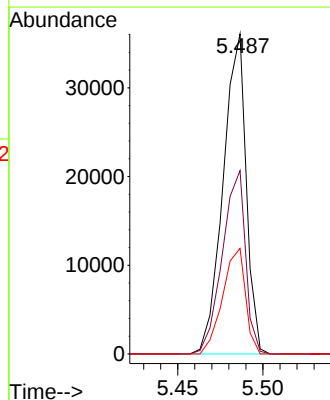
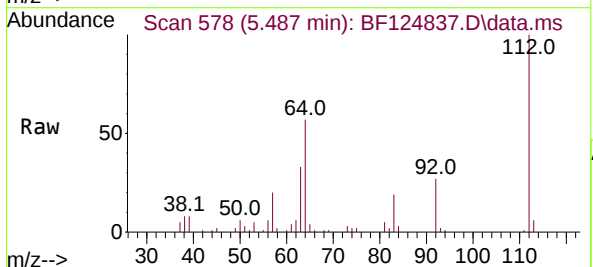
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

Tgt Ion:152 Resp: 5592
Ion Ratio Lower Upper
152 100
150 170.5 117.6 176.4
115 72.6 47.1 70.7#



#5
2-Fluorophenol
Concen: 102.82 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion:112 Resp: 33959
Ion Ratio Lower Upper
112 100
64 57.3 44.2 66.2
63 33.0 26.2 39.2

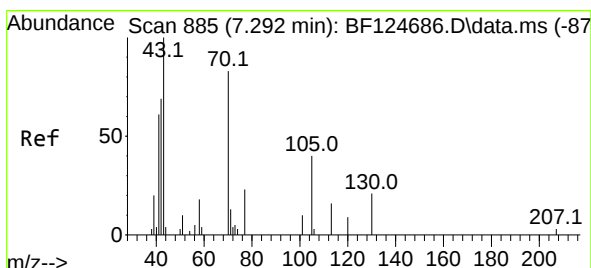
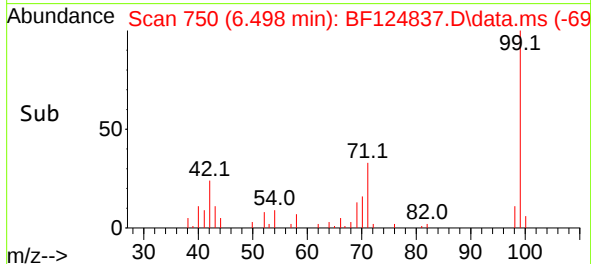
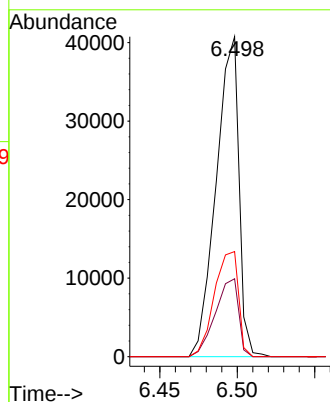
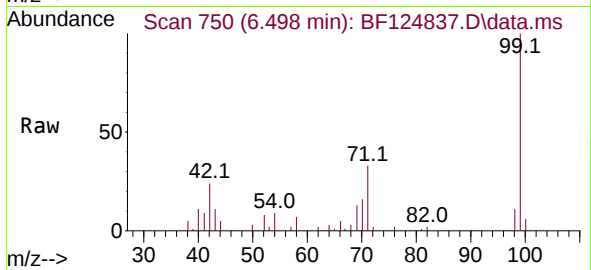




#7
Phenol-d6
Concen: 100.43 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

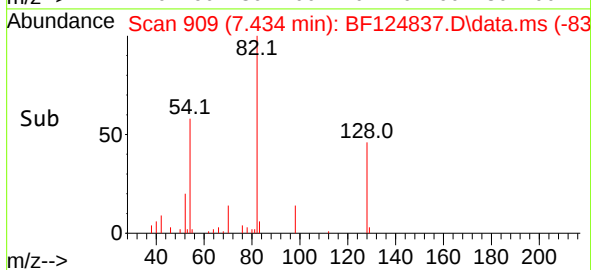
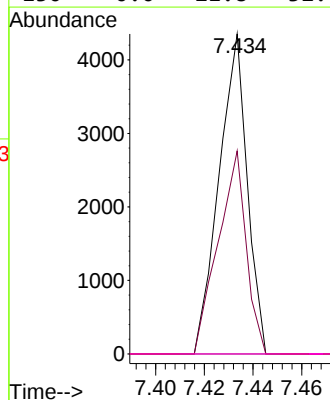
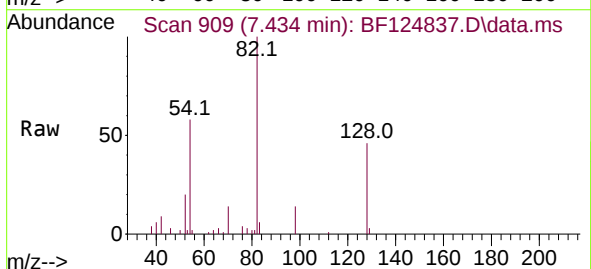
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

Tgt Ion:	99	Resp:	41581
Ion	Ratio	Lower	Upper
99	100		
42	24.4	23.5	35.3
71	32.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.81 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion:	70	Resp:	3495
Ion	Ratio	Lower	Upper
70	100		
42	63.5	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

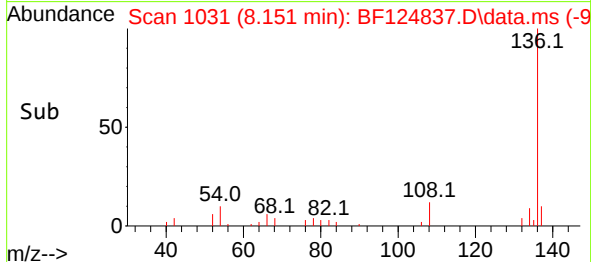
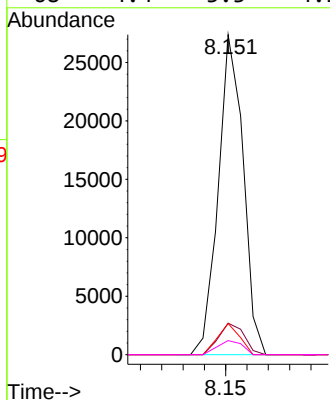
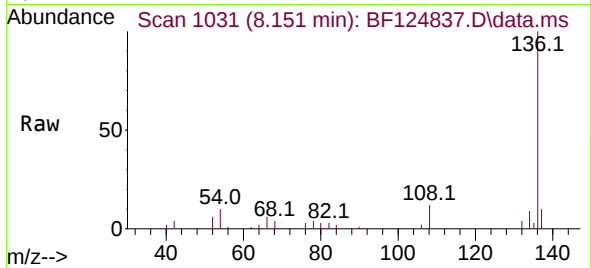




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

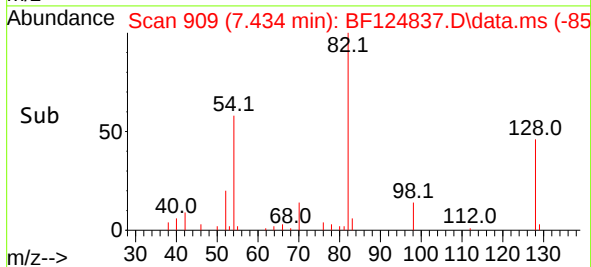
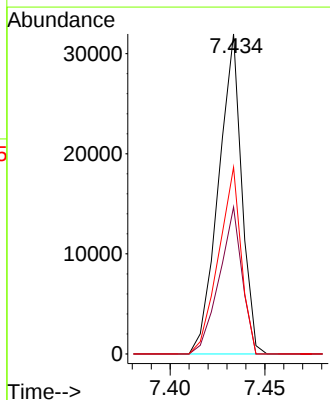
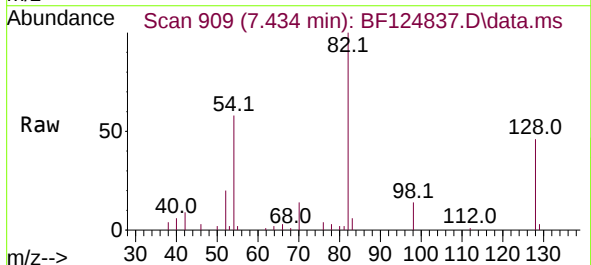
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

Tgt Ion:136	Resp:	22239
Ion Ratio	Lower	Upper
136	100	
137	9.8	9.8 14.6
54	9.8	6.4 9.6#
68	4.4	3.3 4.9



#23
Nitrobenzene-d5
Concen: 72.86 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion: 82	Resp:	27224
Ion Ratio	Lower	Upper
82	100	
128	45.9	40.6 60.8
54	58.4	49.6 74.4

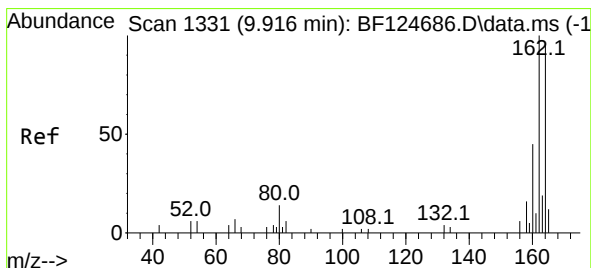
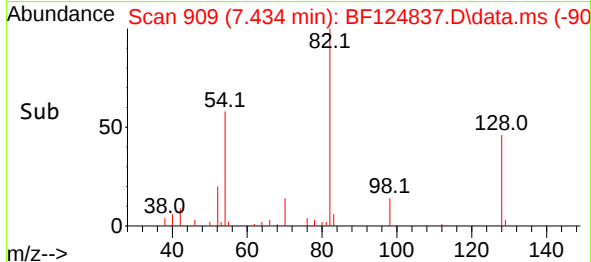
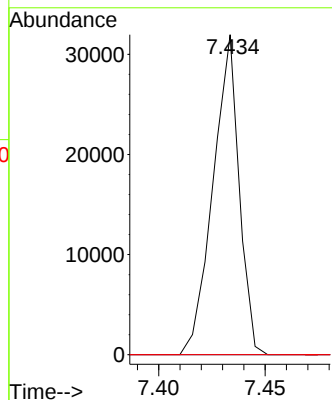
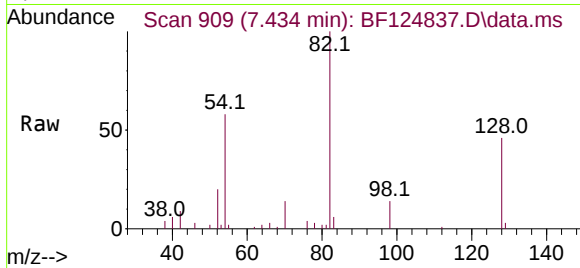




#25
Isophorone
Concen: 41.20 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

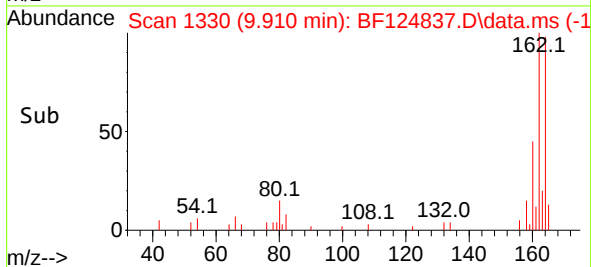
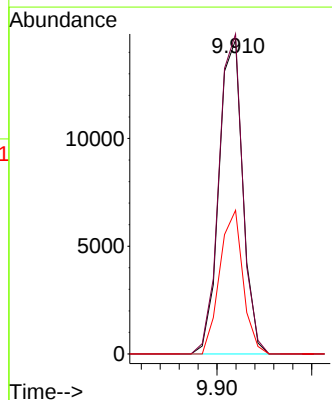
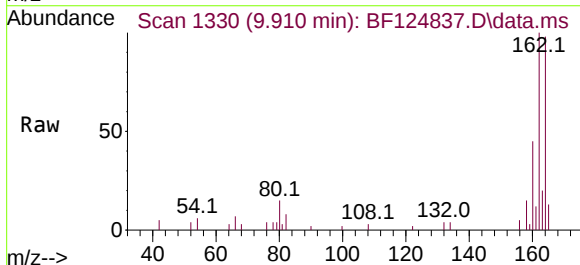
Instrument :
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ClientSampleId :
AREA-1-(0-5)

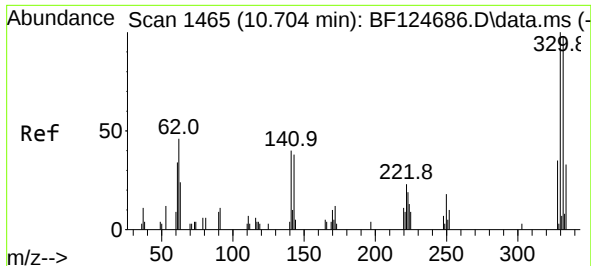
Tgt Ion: 82 Resp: 27223
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion: 164 Resp: 12721
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.8 38.0 57.0

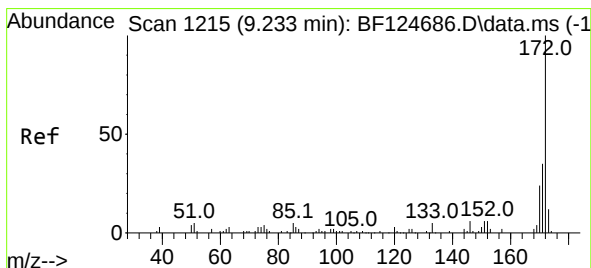
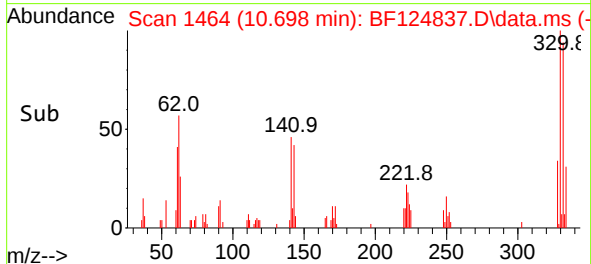
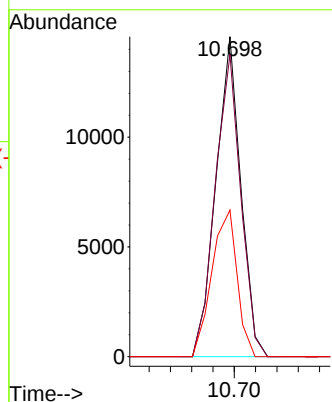
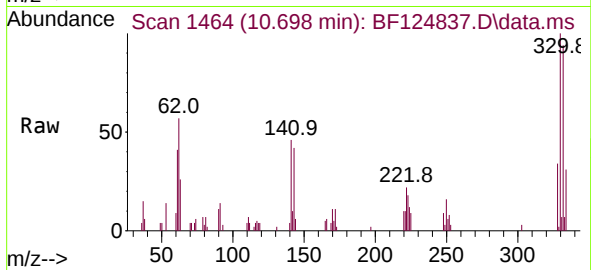




#42
2,4,6-Tribromophenol
Concen: 108.25 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

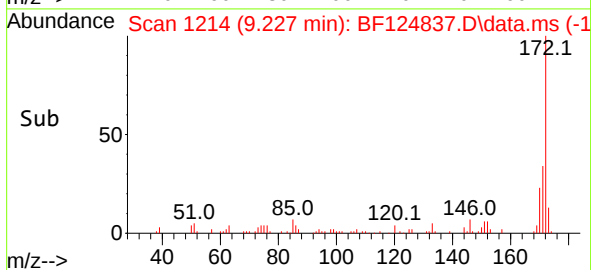
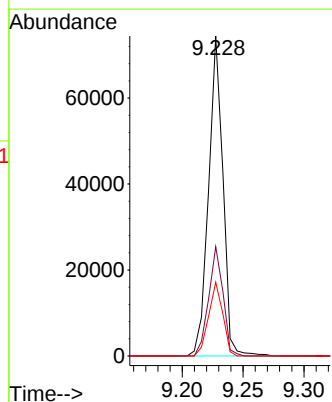
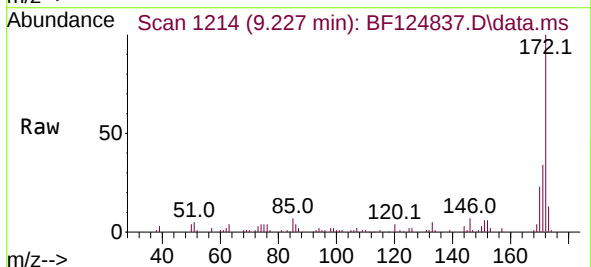
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

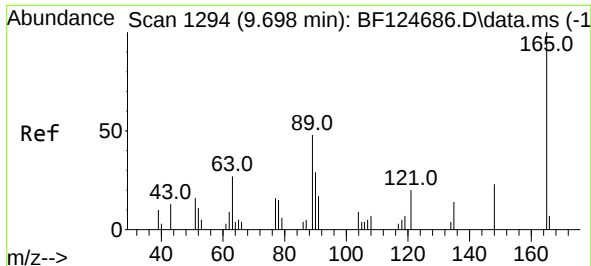
Tgt Ion: 330 Resp: 11823
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 46.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 70.41 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion: 172 Resp: 60982
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.0 18.8 28.2

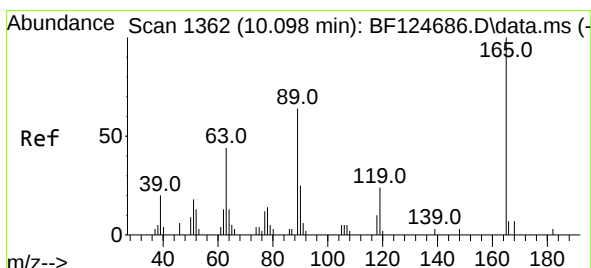
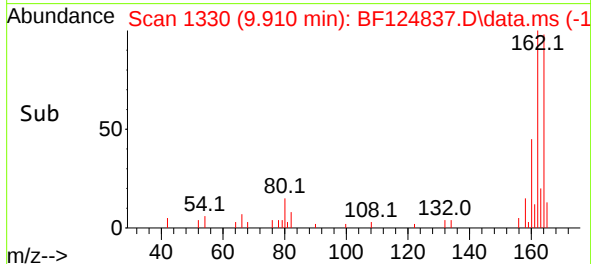
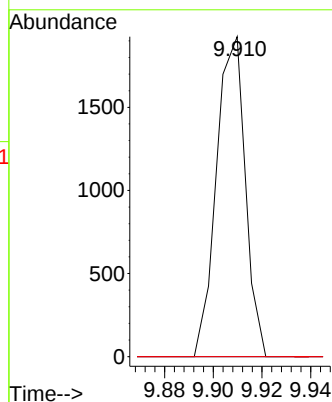
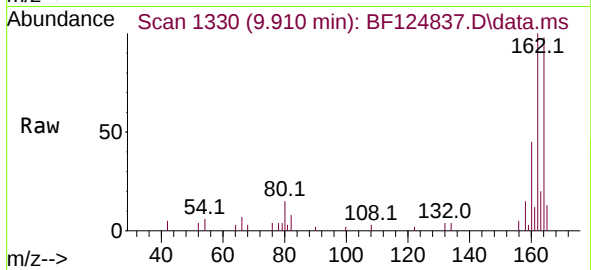




#51
2,6-Dinitrotoluene
Concen: 8.19 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

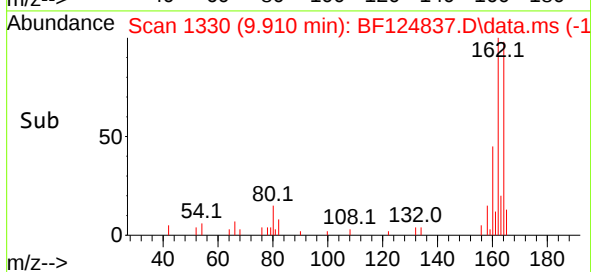
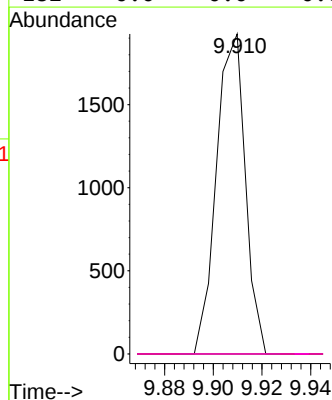
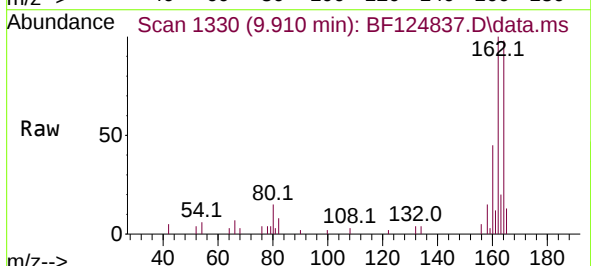
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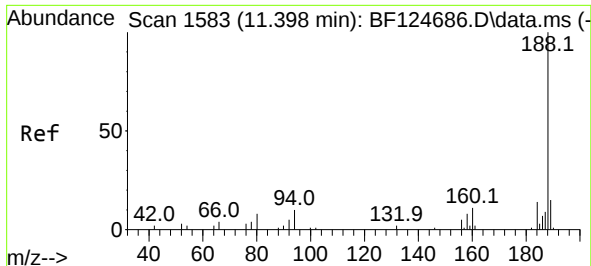
Tgt Ion:165 Resp: 1584
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion:165 Resp: 1584
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

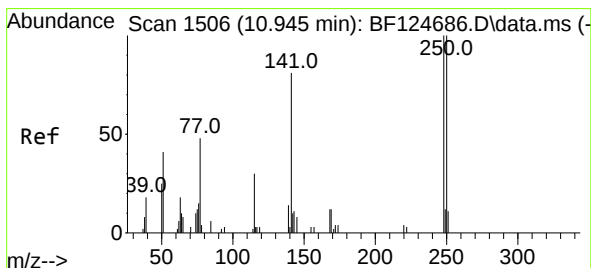
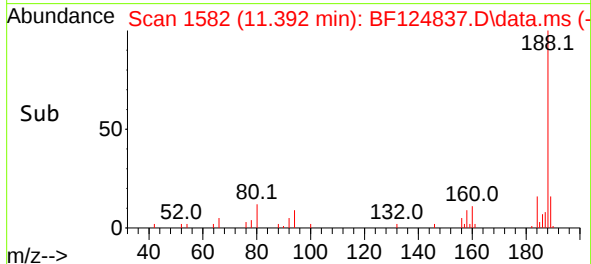
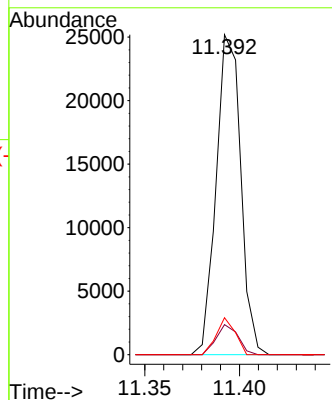
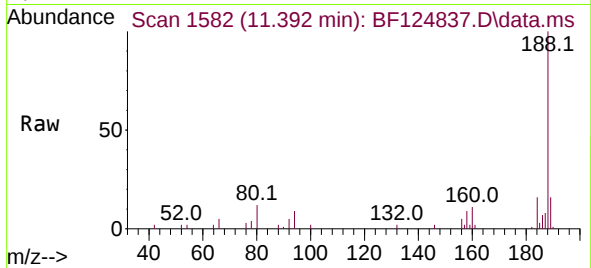




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

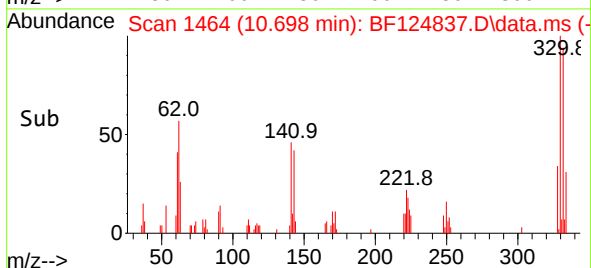
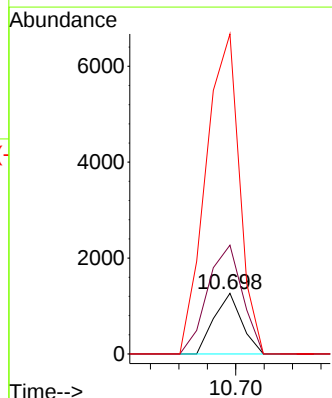
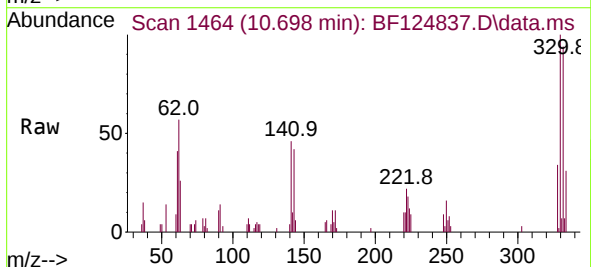
Instrument :
BNA_F
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AREA-1-(0-5)

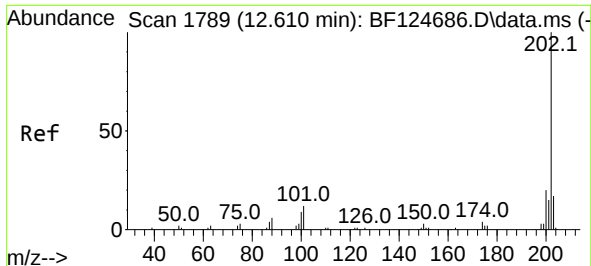
Tgt Ion:188 Resp: 22745
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 11.6 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion:248 Resp: 855
Ion Ratio Lower Upper
248 100
250 179.4 74.2 111.4#
141 528.0 60.4 90.6#

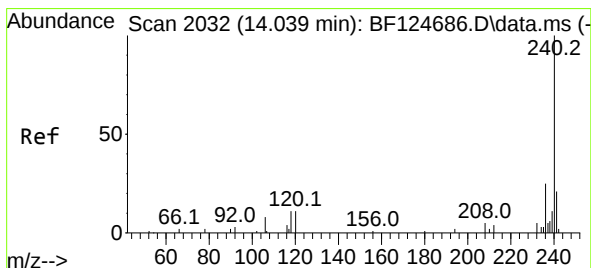
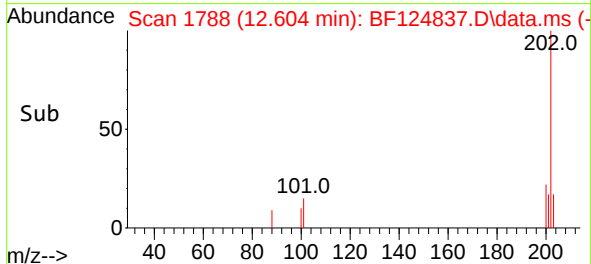
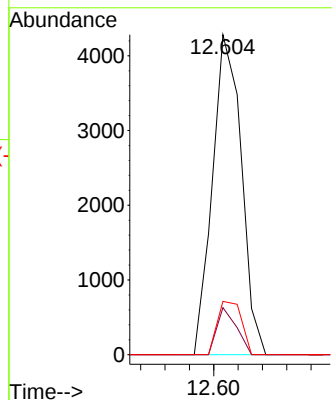
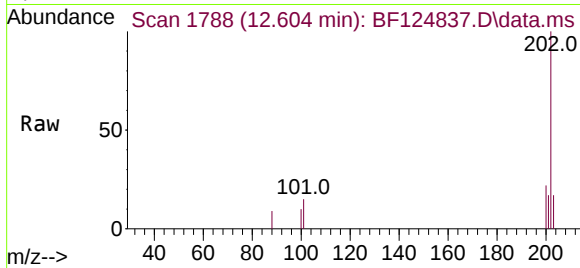




#75
Fluoranthene
Concen: 2.83 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

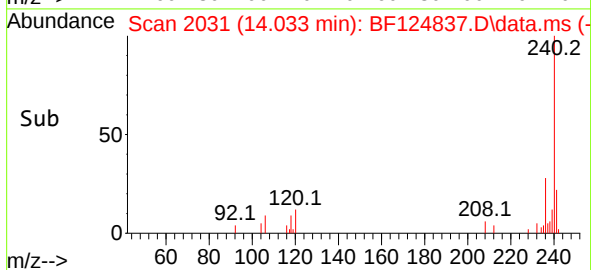
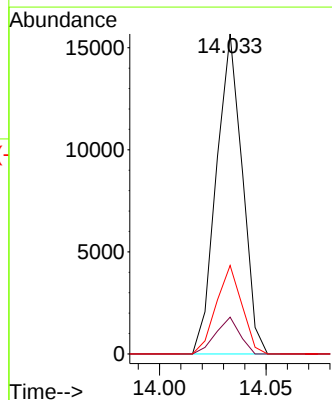
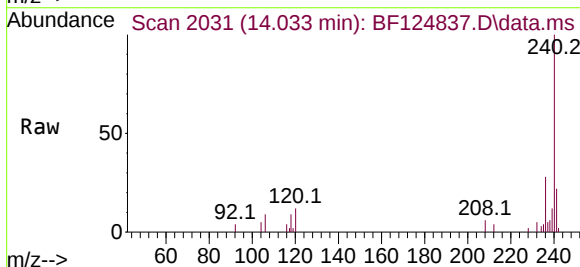
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

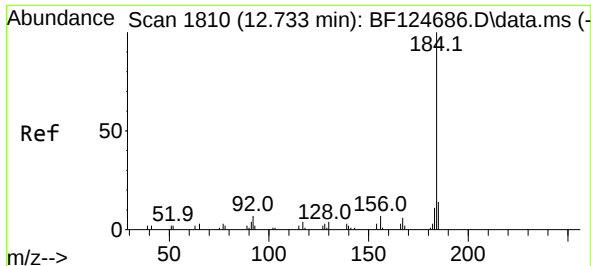
Tgt Ion:202	Resp:	3531
Ion Ratio	Lower	Upper
202	100	
101	14.7	0.0 30.7
203	16.7	0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion:240	Resp:	13268
Ion Ratio	Lower	Upper
240	100	
120	11.5	10.8 16.2
236	27.7	21.6 32.4

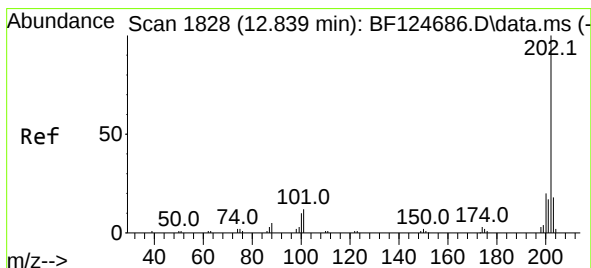
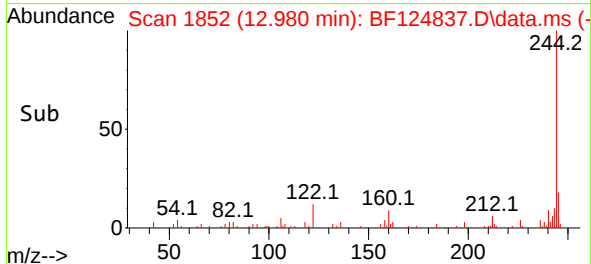
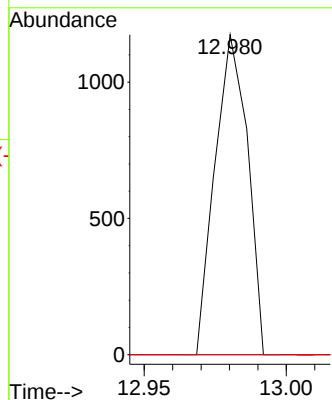
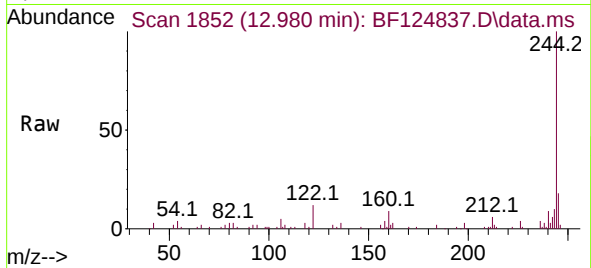




#77
Benzidine
Concen: 2.50 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

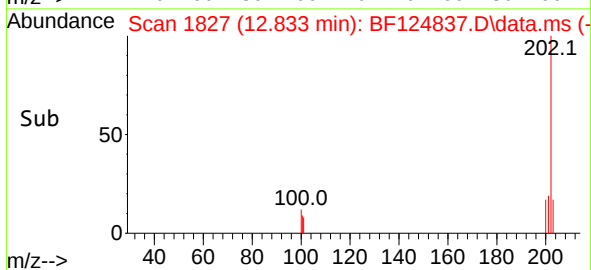
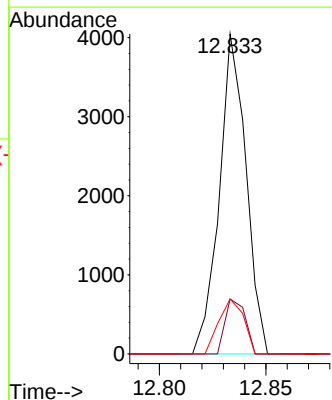
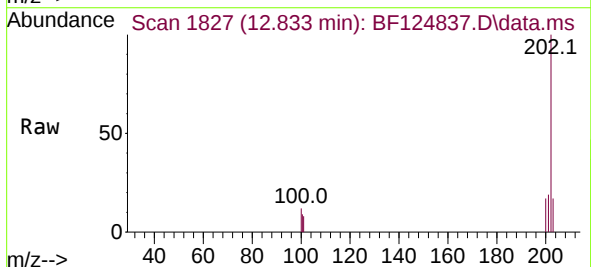
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

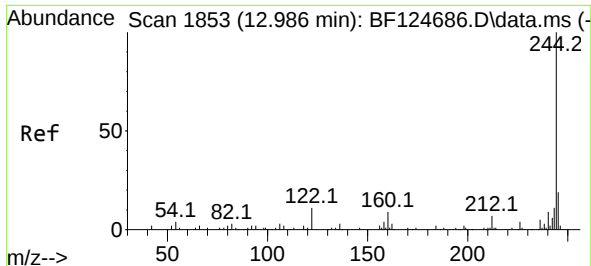
Tgt Ion:184 Resp: 936
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#78
Pyrene
Concen: 3.36 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion:202 Resp: 3529
Ion Ratio Lower Upper
202 100
200 17.2 15.3 22.9
203 17.2 13.4 20.0

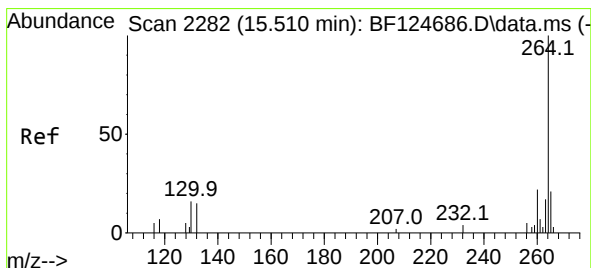
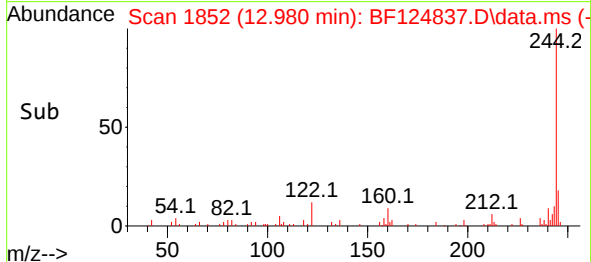
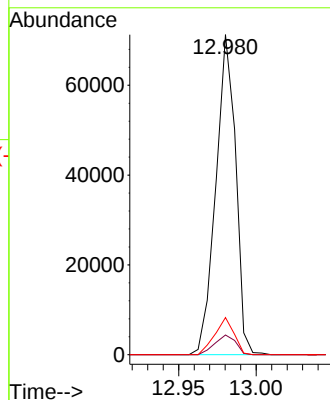
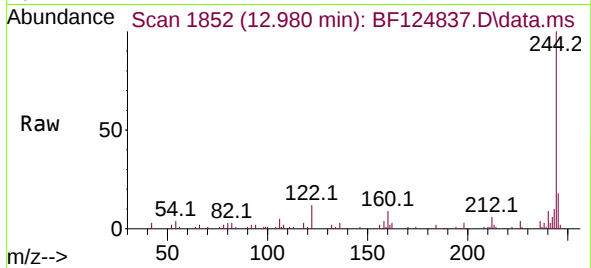




#79
Terphenyl-d14
Concen: 81.97 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

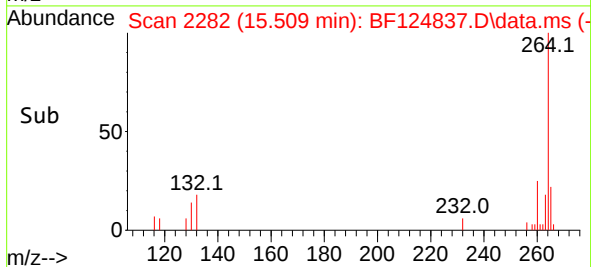
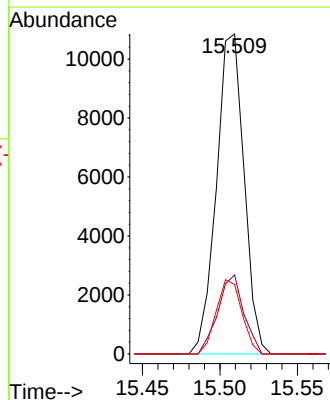
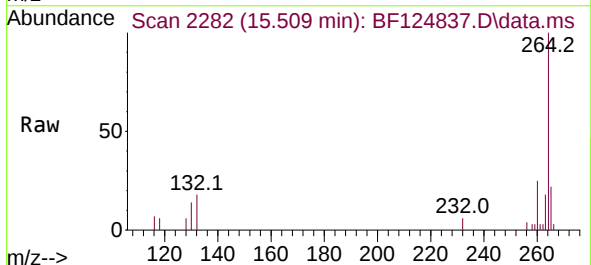
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

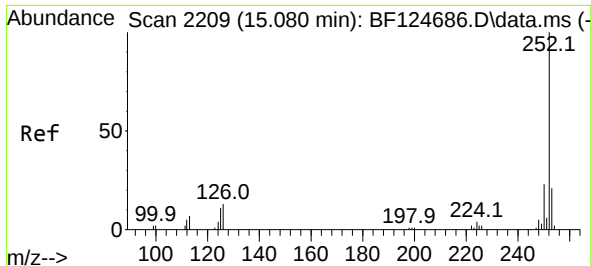
Tgt Ion:244 Resp: 63445
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 11.6 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion:264 Resp: 13434
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 21.7 17.2 25.8

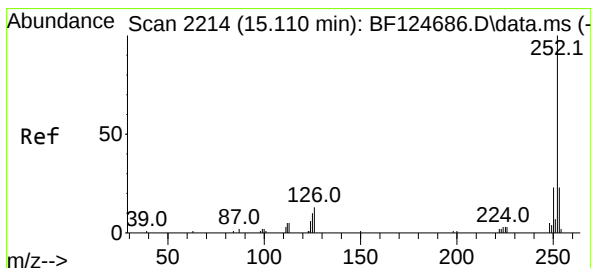
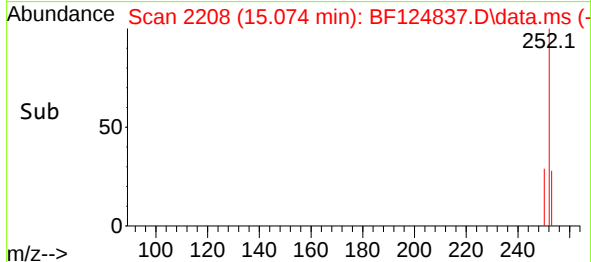
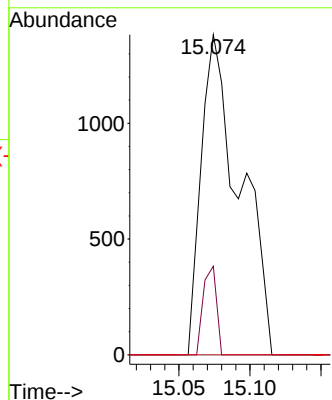
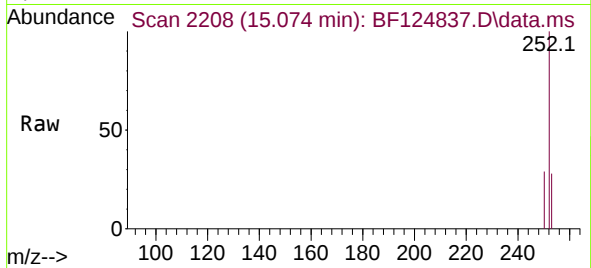




#88
Benzo(b)fluoranthene
Concen: 2.78 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

Tgt Ion:252 Resp: 2625
Ion Ratio Lower Upper
252 100
253 27.7 16.8 25.2#
125 0.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.04 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.035 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion:252 Resp: 2625
Ion Ratio Lower Upper
252 100
253 27.7 17.8 26.8#
125 0.0 7.2 10.8#

