

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124724.D
 Acq On : 23 Jul 2021 21:18
 Operator : JU/CG
 Sample : M3132-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-32

Quant Time: Jul 23 23:30:20 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)

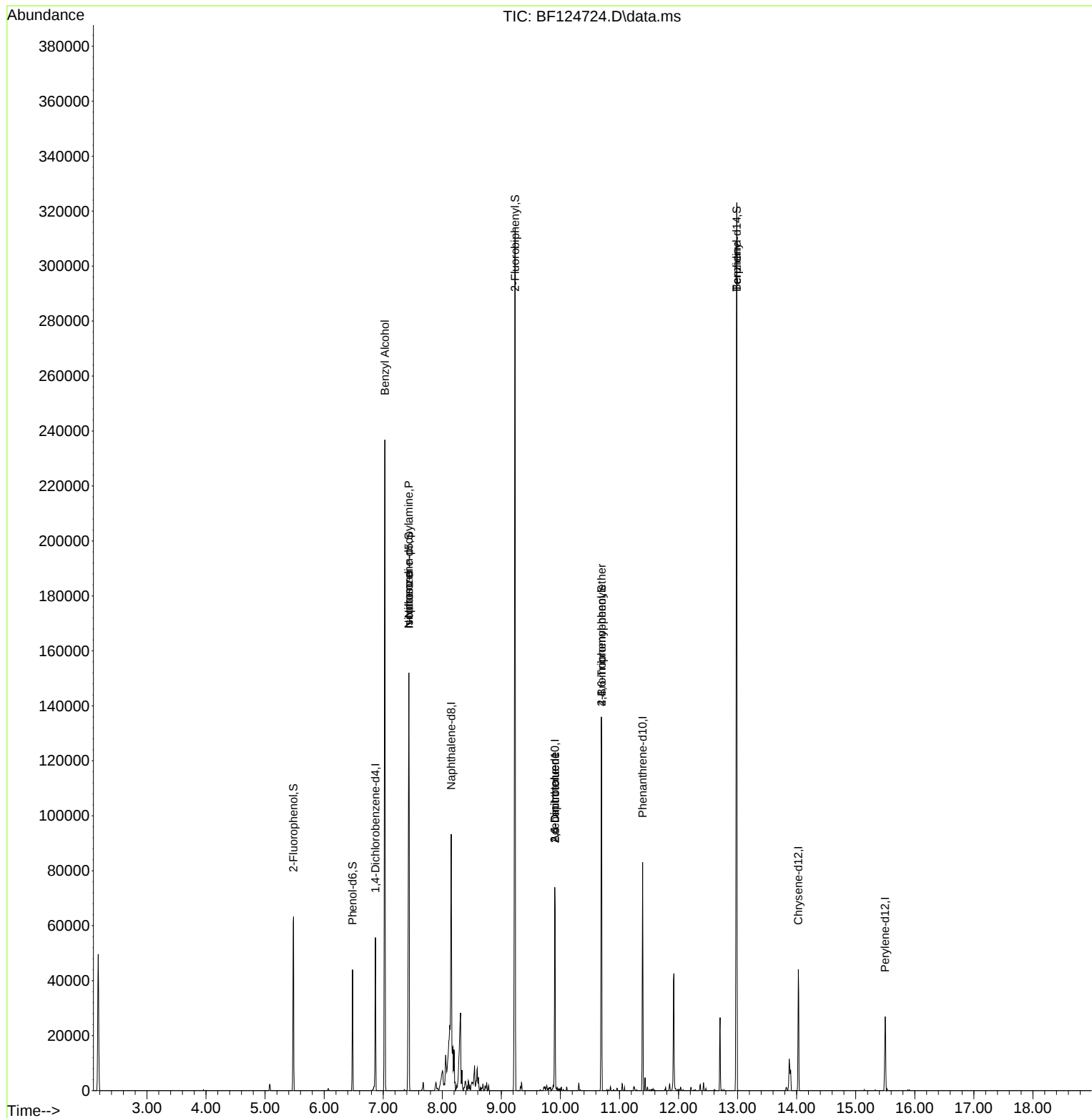
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7465	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	28695	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	16061	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	28700	20.00	ng	0.00
76) Chrysene-d12	14.027	240	16382	20.00	ng	-0.01
86) Perylene-d12	15.498	264	12823	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	17142	38.88	ng	0.00
7) Phenol-d6	6.481	99	11528	20.86	ng	-0.02
23) Nitrobenzene-d5	7.434	82	52976	109.88	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	13375	96.99	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	110888	101.41	ng	0.00
79) Terphenyl-d14	12.986	244	116037	121.42	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.028	79	800	2.20	ng	# 33
19) n-Nitroso-di-n-propyla...	7.434	70	6717	22.76	ng	# 73
25) Isophorone	7.434	82	52857	62.00	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1944	7.96	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1944	5.86	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1000	3.29	ng	# 1
77) Benzidine	12.986	184	1825	3.95	ng	# 82

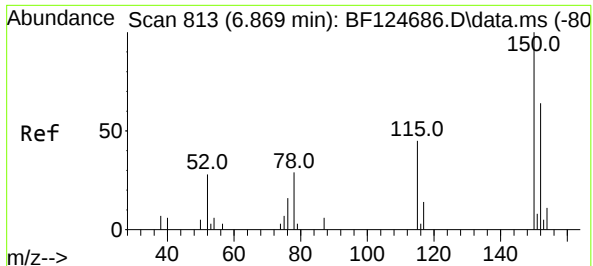
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 10 Sample Multiplier: 1

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55-ST-32

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

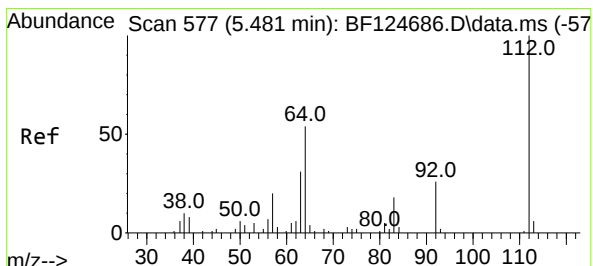
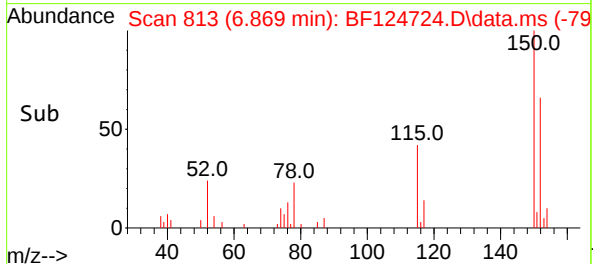
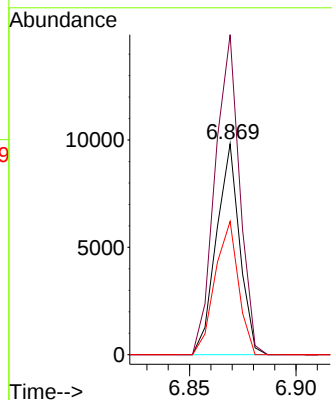
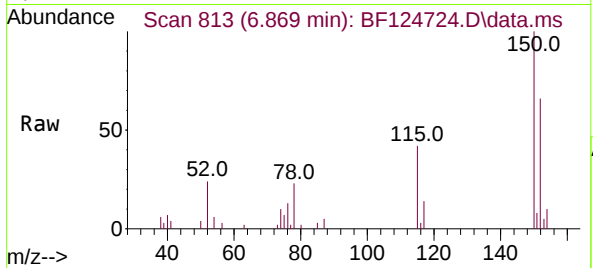




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.869 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: BF124724.D
 Acq: 23 Jul 2021 21:18

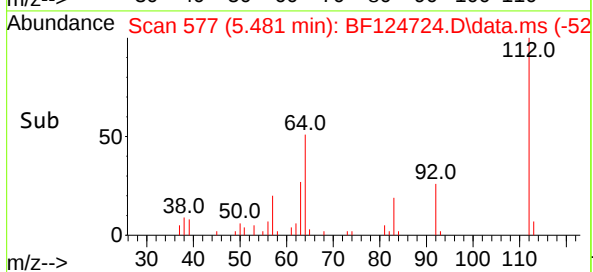
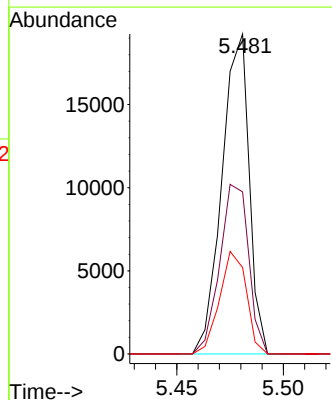
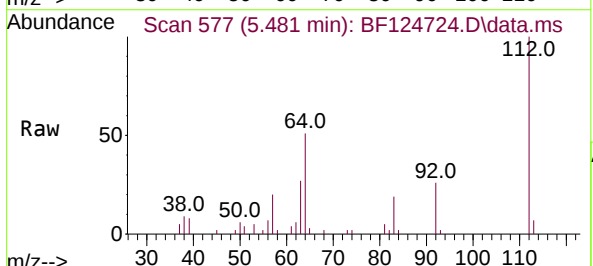
Instrument :
 BNA_F
 ClientSampled :
 55-ST-32

Tgt Ion:152 Resp: 7465
 Ion Ratio Lower Upper
 152 100
 150 151.8 117.6 176.4
 115 63.2 47.1 70.7



#5
 2-Fluorophenol
 Concen: 38.88 ng
 RT: 5.481 min Scan# 577
 Delta R.T. 0.000 min
 Lab File: BF124724.D
 Acq: 23 Jul 2021 21:18

Tgt Ion:112 Resp: 17142
 Ion Ratio Lower Upper
 112 100
 64 50.7 44.2 66.2
 63 27.0 26.2 39.2

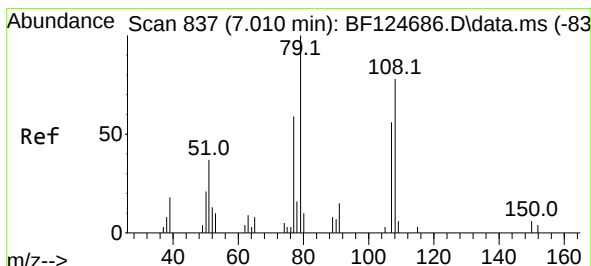
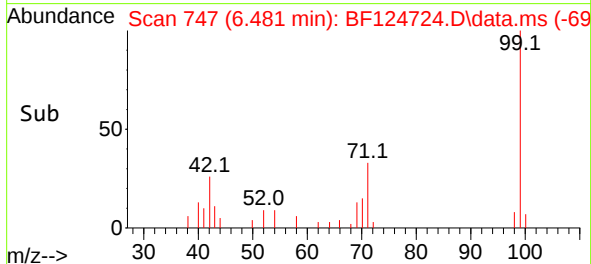
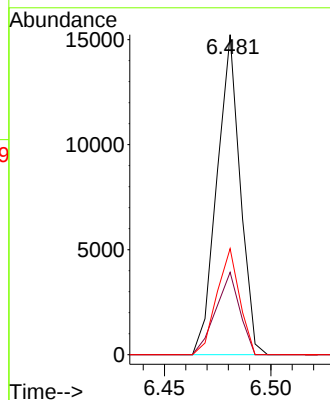
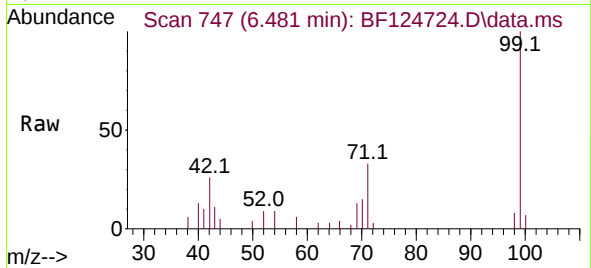




#7
Phenol-d6
Concen: 20.86 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

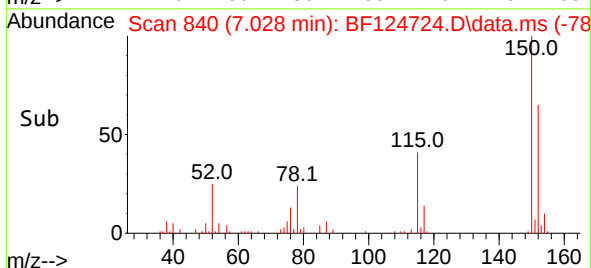
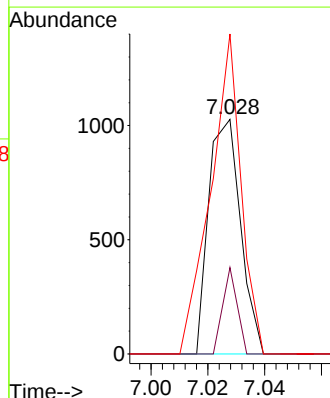
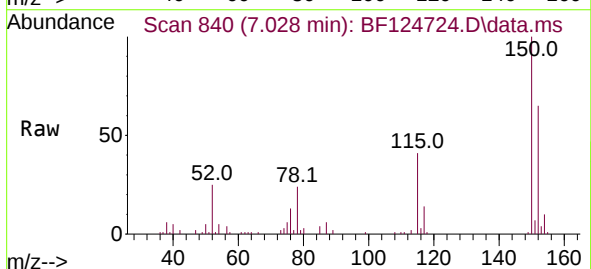
Instrument :
BNA_F
ClientSampleId :
55-ST-32

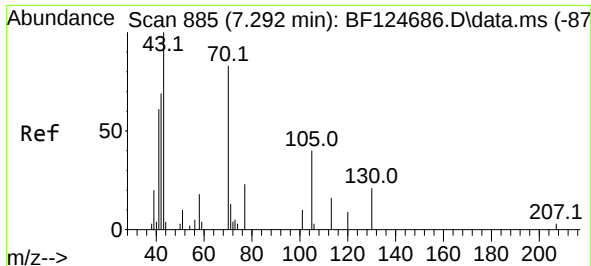
Tgt Ion:	99	Resp:	11528
Ion	Ratio	Lower	Upper
99	100		
42	25.8	23.5	35.3
71	33.2	25.6	38.4



#15
Benzyl Alcohol
Concen: 2.20 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.018 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

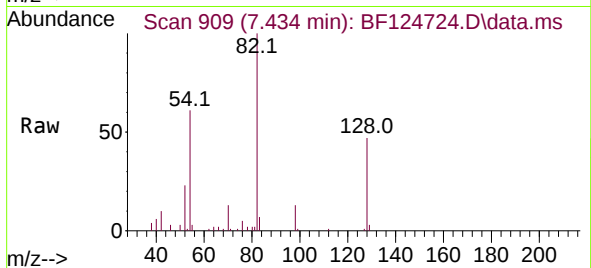
Tgt Ion:	79	Resp:	800
Ion	Ratio	Lower	Upper
79	100		
108	36.8	60.4	90.6#
77	136.4	51.5	77.3#



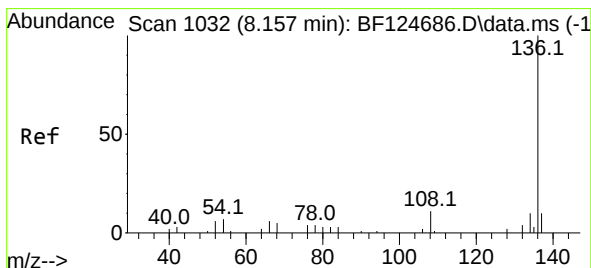
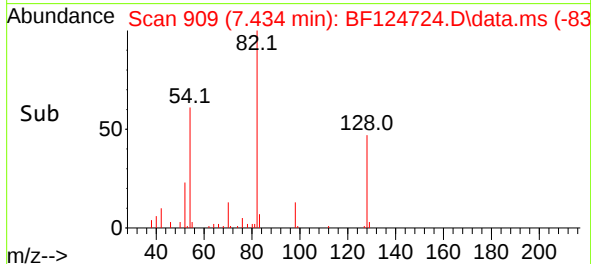
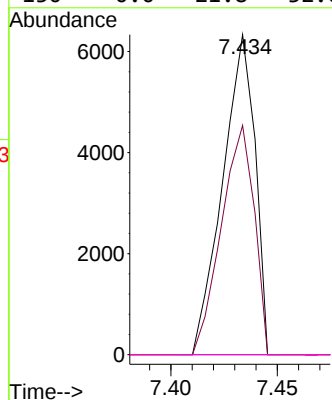


#19
n-Nitroso-di-n-propylamine
Concen: 22.76 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

Instrument :
BNA_F
ClientSampled :
55-ST-32

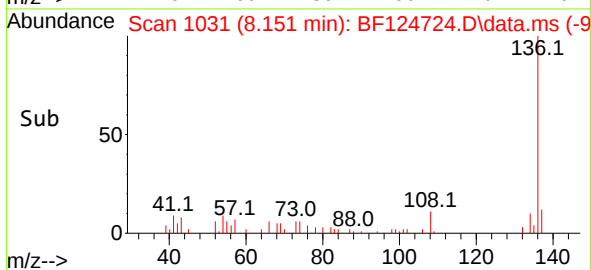
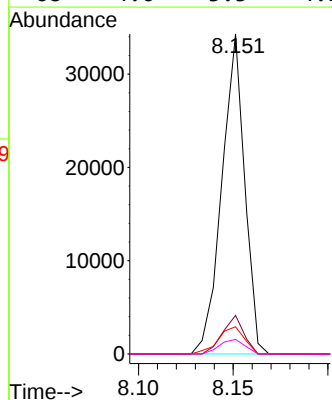
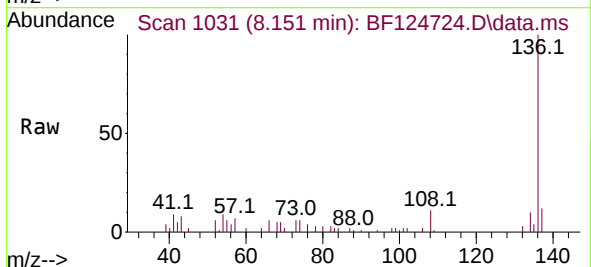


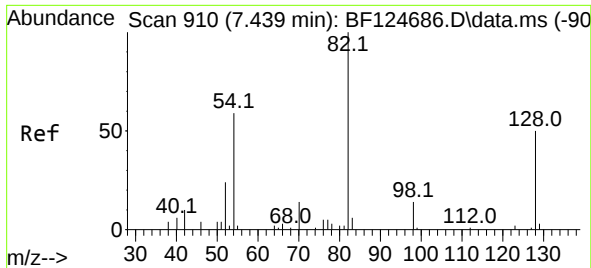
Tgt Ion: 70 Resp: 6717
Ion Ratio Lower Upper
70 100
42 71.6 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 136 Resp: 28695
Ion Ratio Lower Upper
136 100
137 12.1 9.8 14.6
54 8.5 6.4 9.6
68 4.6 3.3 4.9

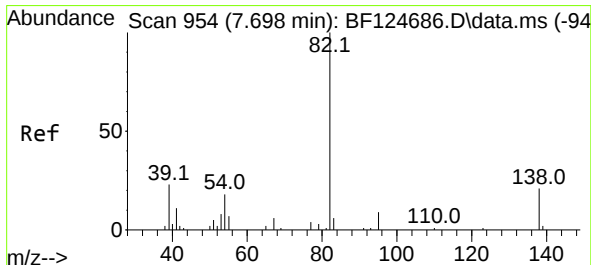
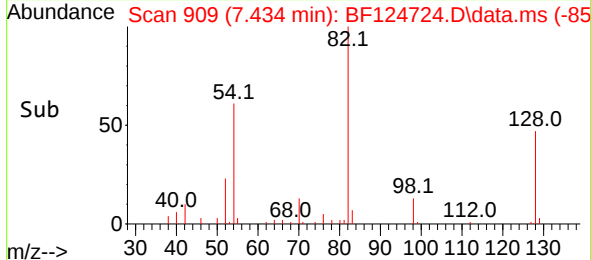
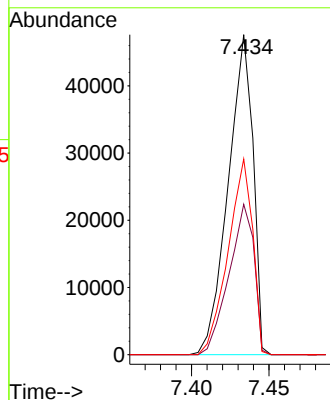
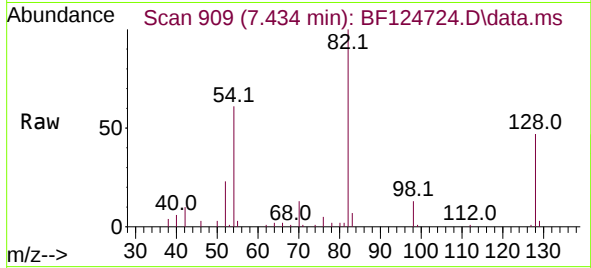




#23
Nitrobenzene-d5
Concen: 109.88 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

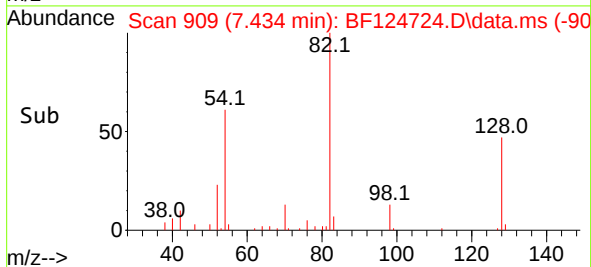
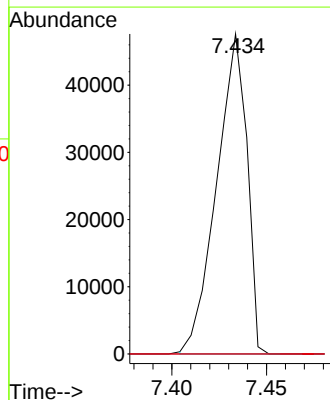
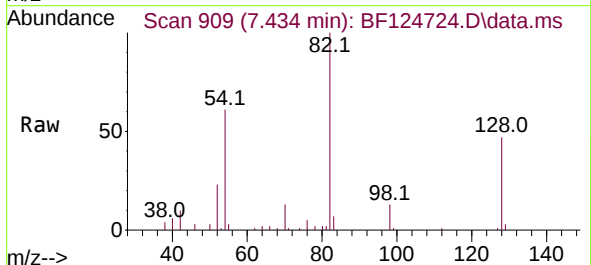
Instrument :
BNA_F
ClientSampled :
55-ST-32

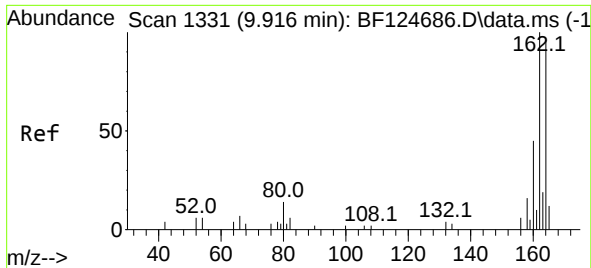
Tgt Ion: 82 Resp: 52976
Ion Ratio Lower Upper
82 100
128 47.0 40.6 60.8
54 61.2 49.6 74.4



#25
Isophorone
Concen: 62.00 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

Tgt Ion: 82 Resp: 52857
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

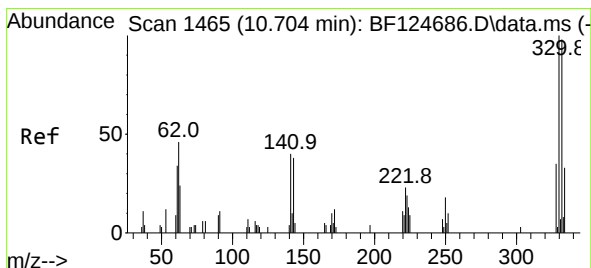
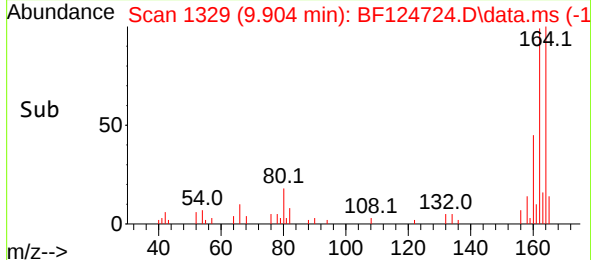
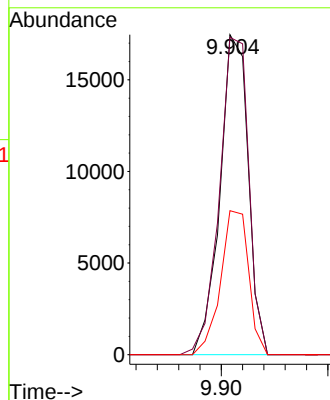
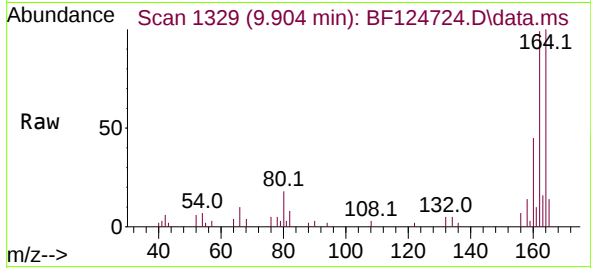




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

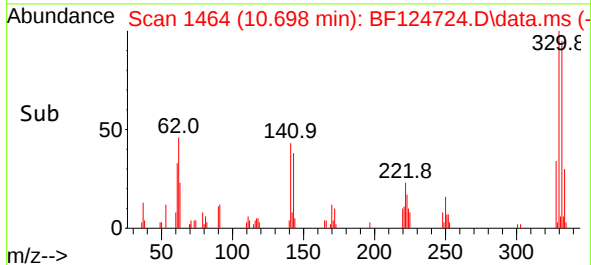
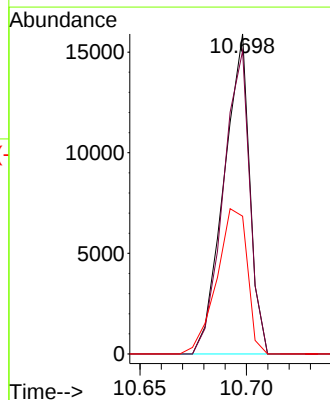
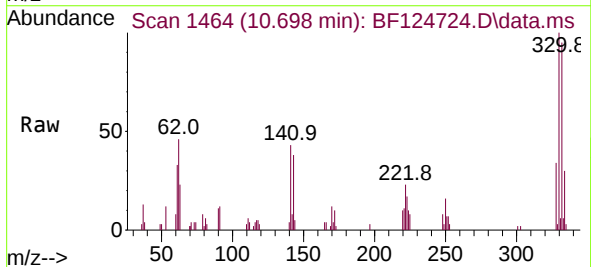
Instrument :
BNA_F
ClientSampleId :
55-ST-32

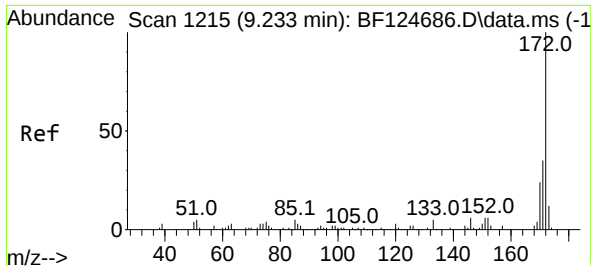
Tgt Ion:164	Resp:	16061
Ion Ratio	Lower	Upper
164	100	
162	99.2	81.3 121.9
160	45.0	38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 96.99 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

Tgt Ion:330	Resp:	13375
Ion Ratio	Lower	Upper
330	100	
332	97.2	76.2 114.4
141	53.8	44.6 66.8

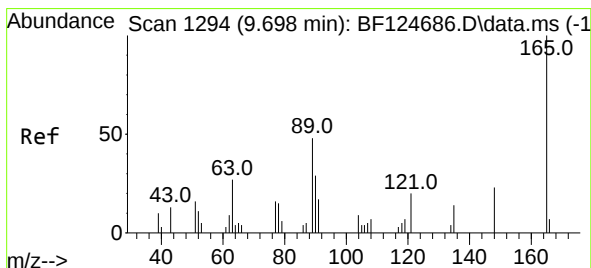
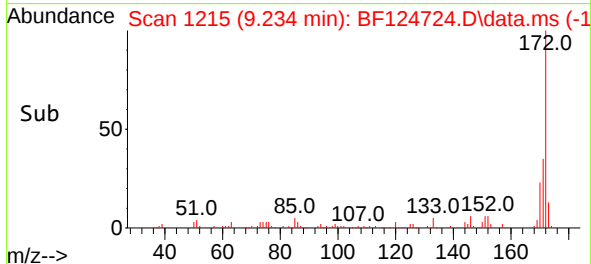
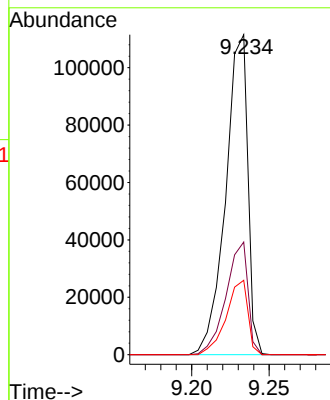
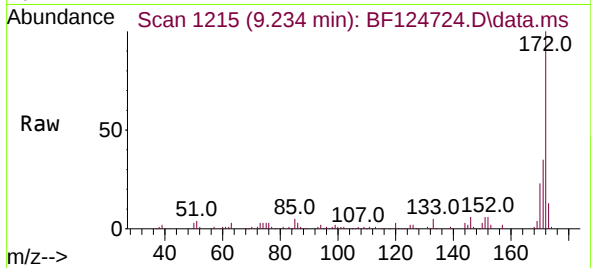




#45
2-Fluorobiphenyl
Concen: 101.41 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

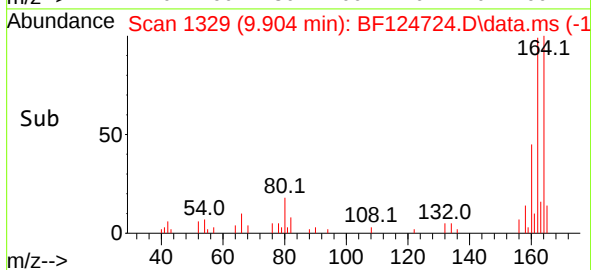
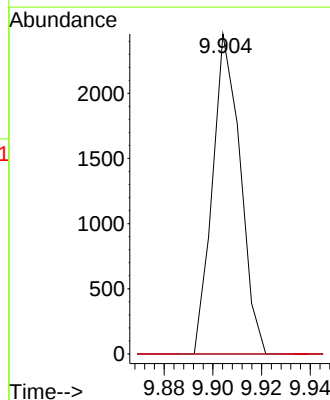
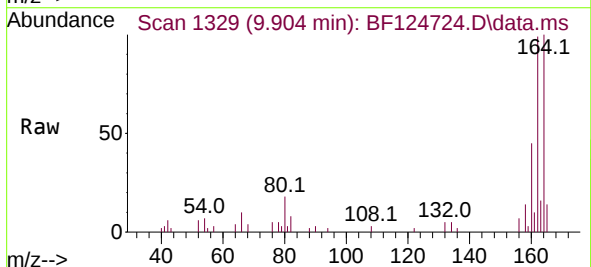
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BNA_F
ClientSampleId :
55-ST-32

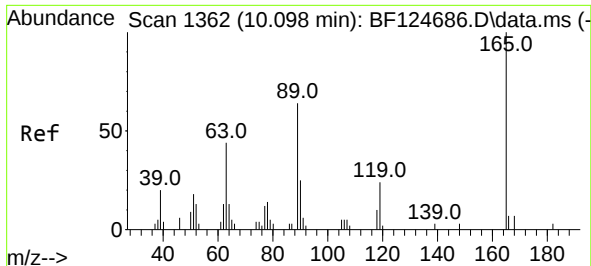
Tgt Ion:172 Resp: 110888
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

Tgt Ion:165 Resp: 1944
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

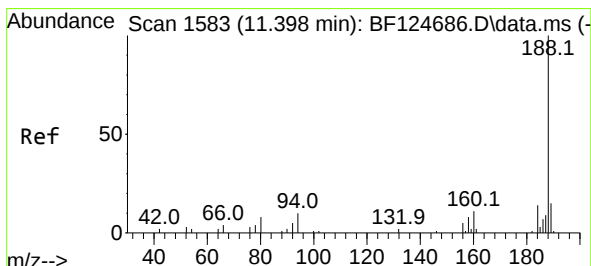
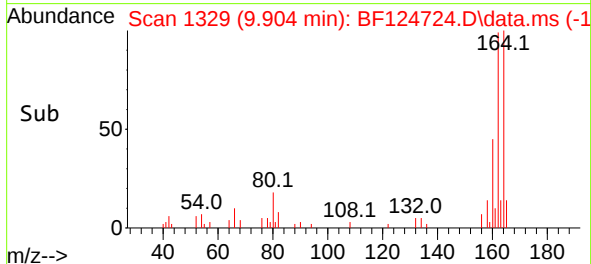
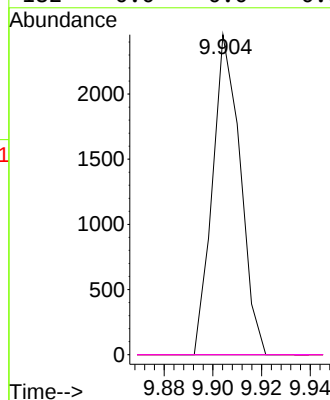
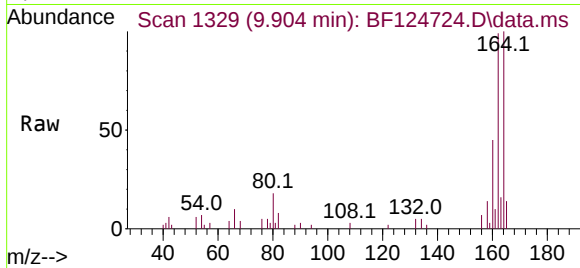




#57
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

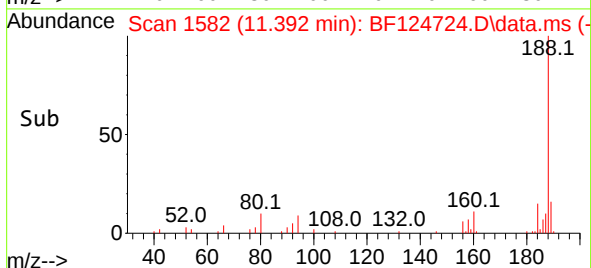
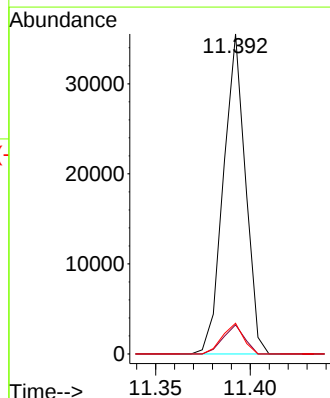
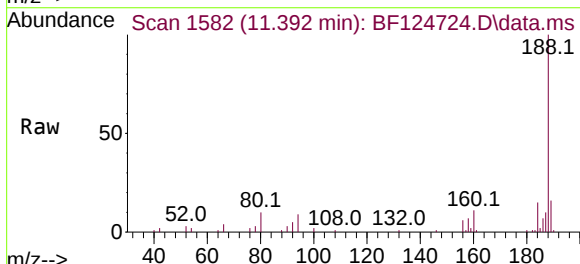
Instrument :
BNA_F
ClientSampleId :
55-ST-32

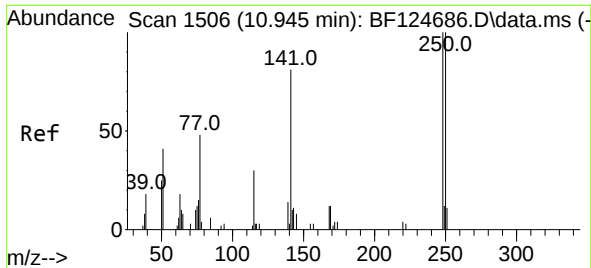
Tgt Ion:165	Resp:	1944
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

Tgt Ion:188	Resp:	28700
Ion Ratio	Lower	Upper
188	100	
94	9.1	6.7 10.1
80	9.6	7.5 11.3

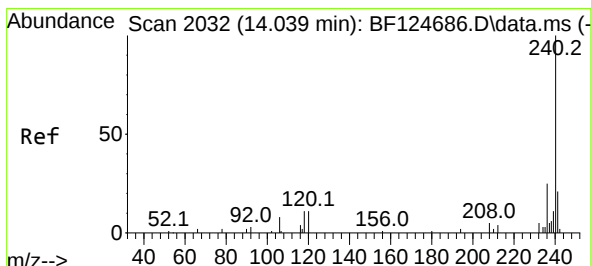
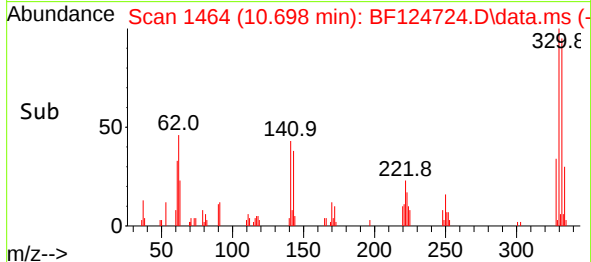
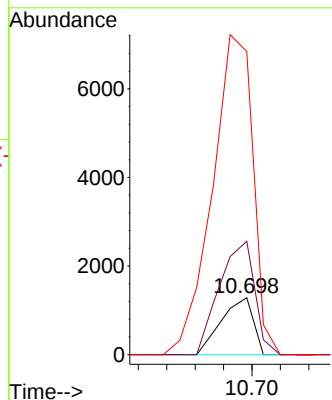
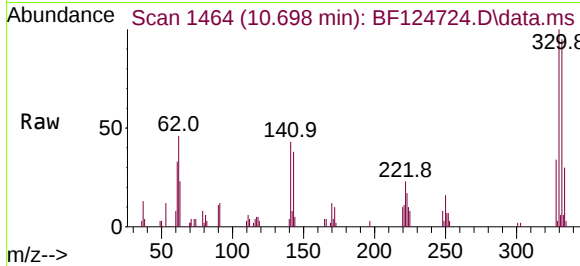




#67
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

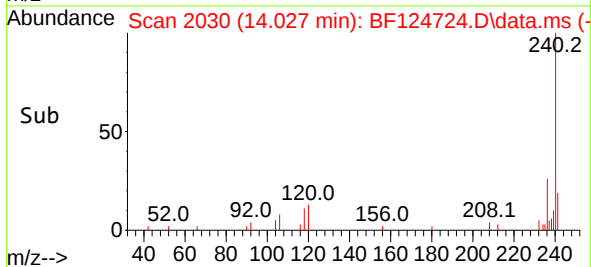
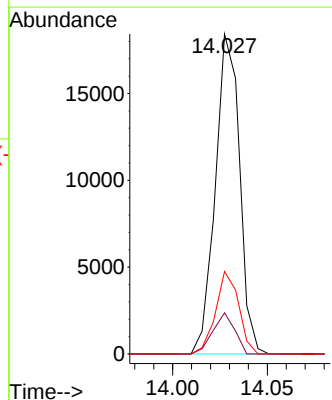
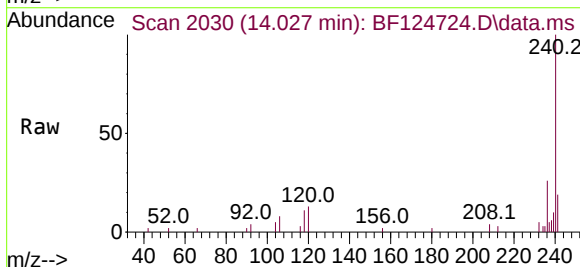
Instrument :
BNA_F
ClientSampled :
55-ST-32

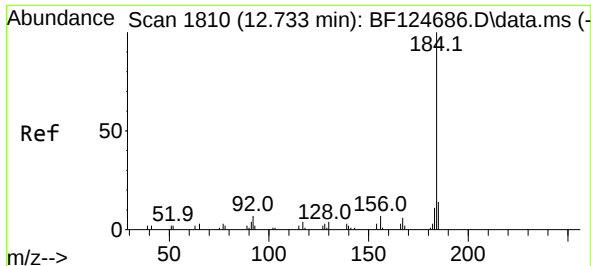
Tgt Ion:248 Resp: 1000
Ion Ratio Lower Upper
248 100
250 199.5 74.2 111.4#
141 533.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

Tgt Ion:240 Resp: 16382
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 25.8 21.6 32.4

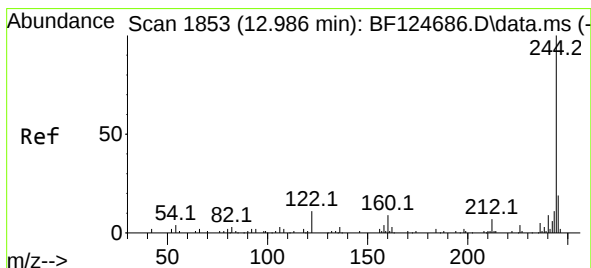
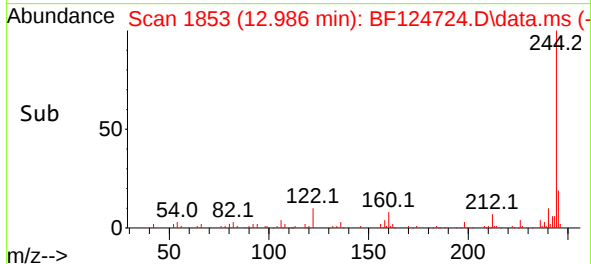
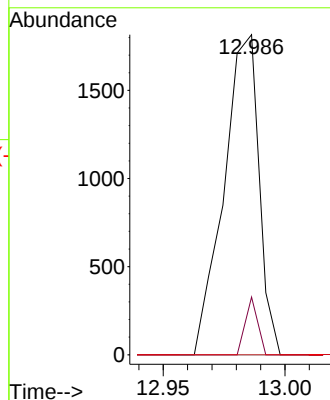
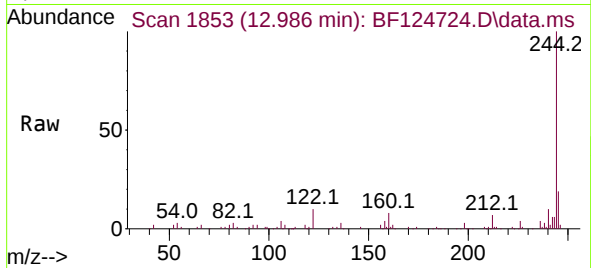




#77
Benzidine
Concen: 3.95 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

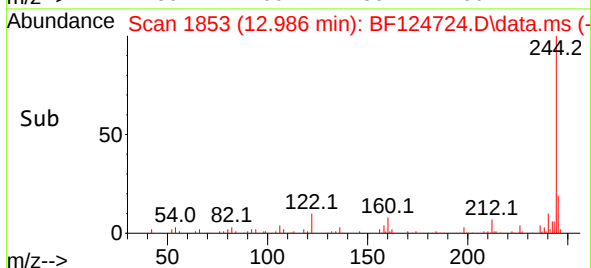
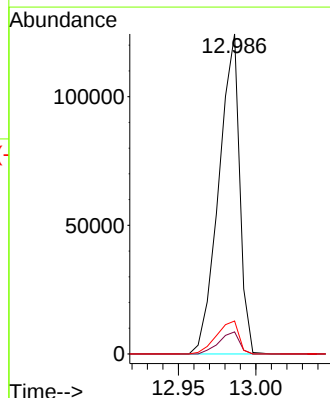
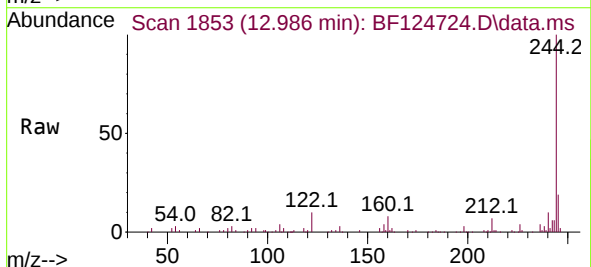
Instrument :
BNA_F
ClientSampleId :
55-ST-32

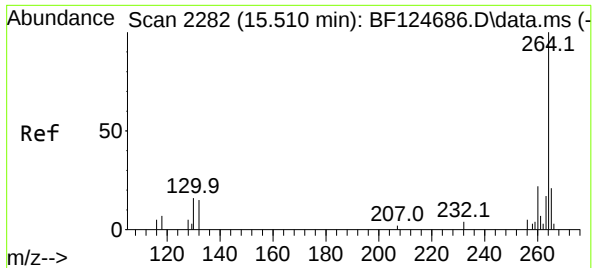
Tgt Ion:184 Resp: 1825
Ion Ratio Lower Upper
184 100
185 18.0 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 121.42 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124724.D
Acq: 23 Jul 2021 21:18

Tgt Ion:244 Resp: 116037
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124724.D
 Acq: 23 Jul 2021 21:18

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-32

Tgt Ion:264	Resp:	12823
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.6 29.4
265	19.0	17.2 25.8

