

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124582.D
 Acq On : 15 Jul 2021 20:51
 Operator : JU/CG
 Sample : M3026-11RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ABN-JG-4RE

Quant Time: Jul 16 02:52:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

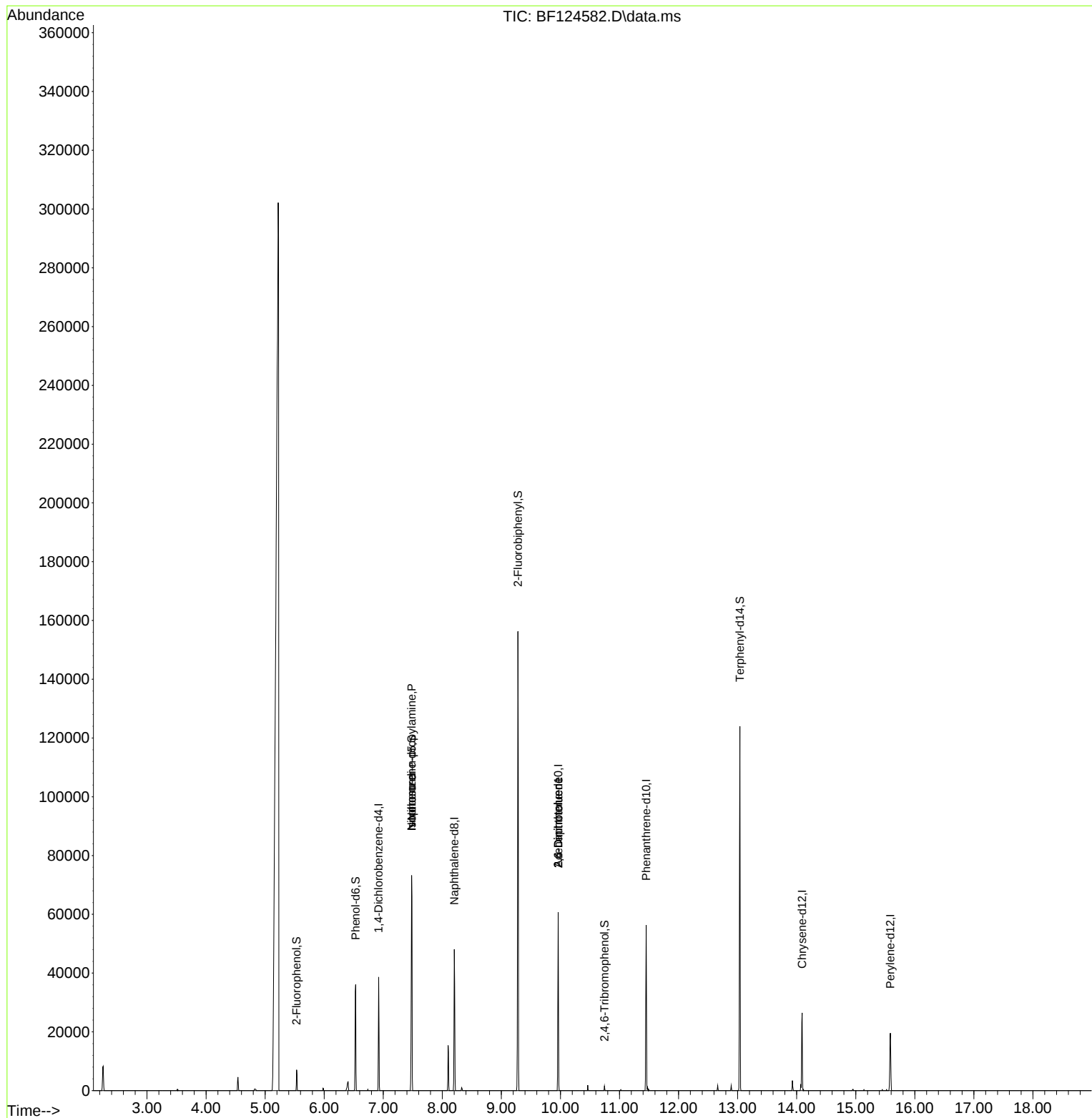
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	5483	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	21454	20.00	ng	0.00
39) Acenaphthene-d10	9.963	164	11489	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	19909	20.00	ng	# 0.00
76) Chrysene-d12	14.092	240	10116	20.00	ng	# 0.00
86) Perylene-d12	15.586	264	10499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2266	7.16	ng	0.00
7) Phenol-d6	6.534	99	11142	28.94	ng	-0.01
23) Nitrobenzene-d5	7.481	82	22242	65.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	283	3.17	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	46607	59.16	ng	0.00
79) Terphenyl-d14	13.039	244	37091	61.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	2791	12.89	ng	# 83
25) Isophorone	7.481	82	22242	35.65	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	1518	9.63	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1518	7.04	ng	# 18

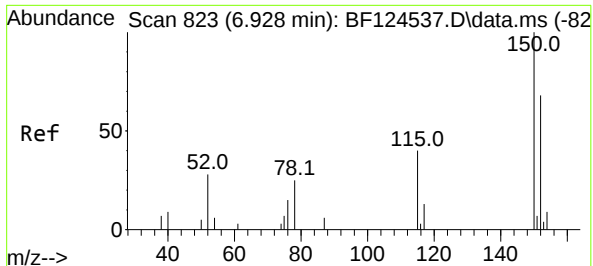
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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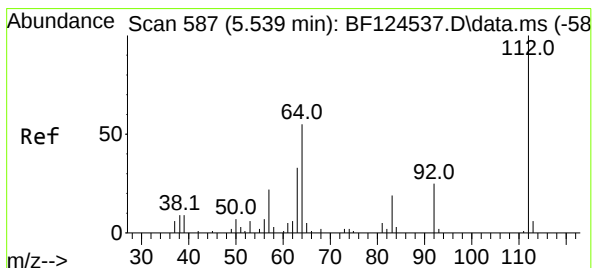
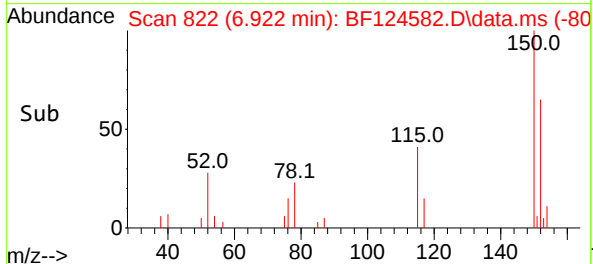
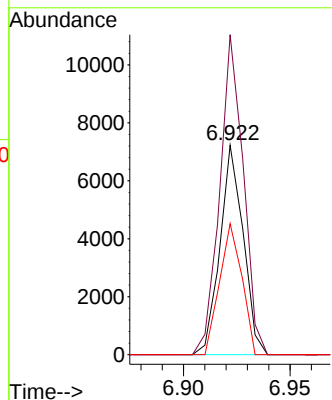
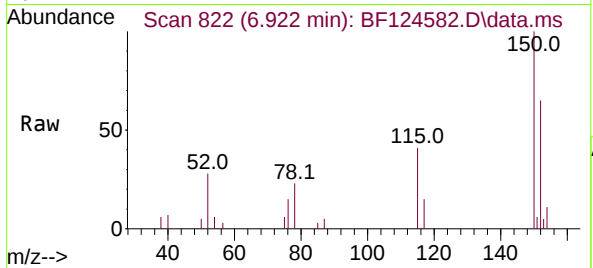




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

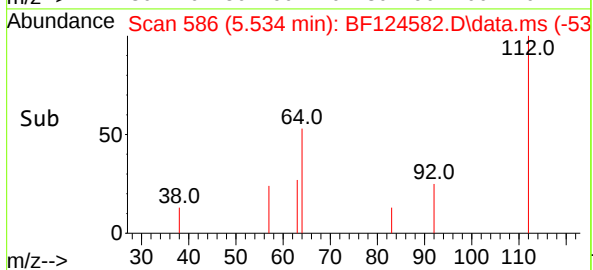
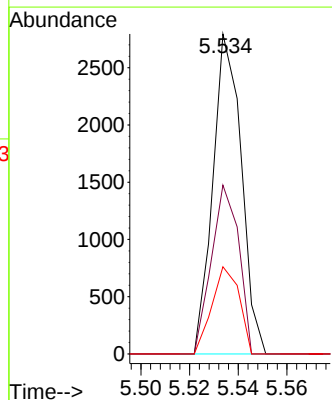
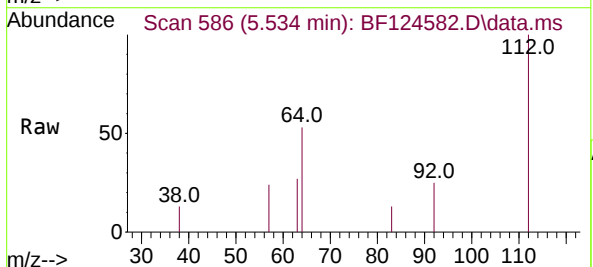
Instrument :
BNA_F
ClientSampleId :
ABN-JG-4RE

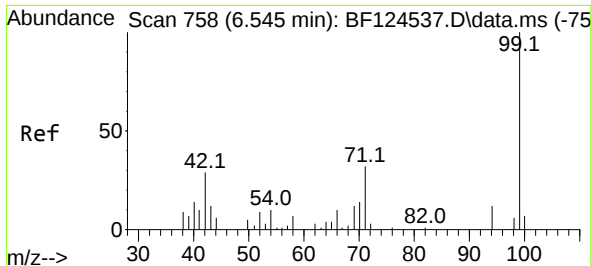
Tgt Ion:152 Resp: 5483
Ion Ratio Lower Upper
152 100
150 152.8 117.6 176.4
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 7.16 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.005 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

Tgt Ion:112 Resp: 2266
Ion Ratio Lower Upper
112 100
64 52.8 44.2 66.2
63 27.3 26.2 39.2

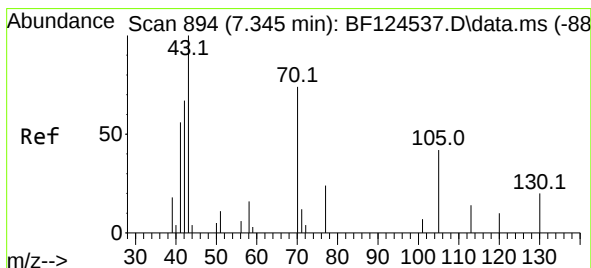
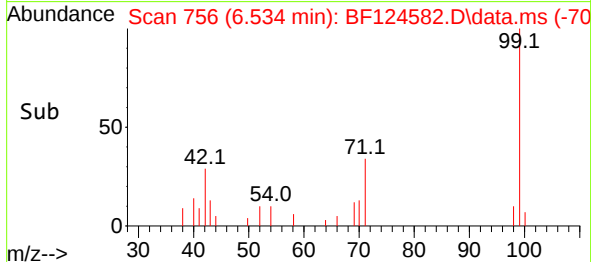
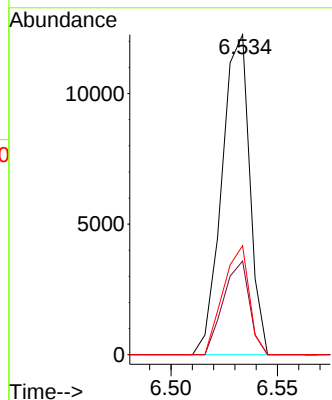
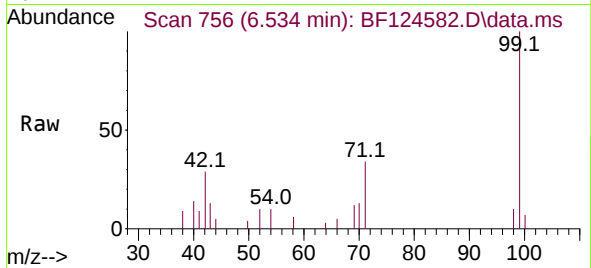




#7
Phenol-d6
Concen: 28.94 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.011 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

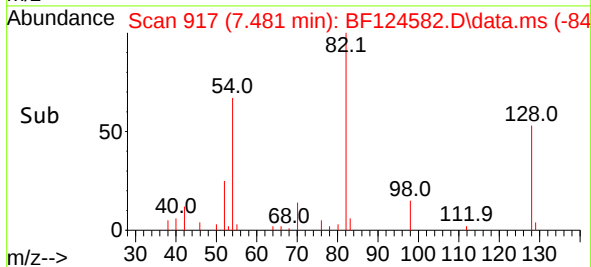
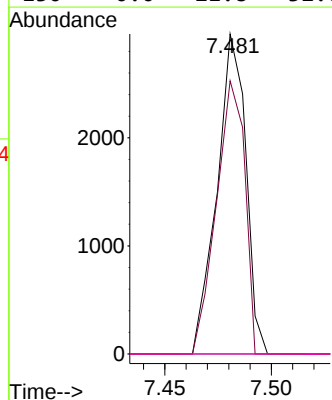
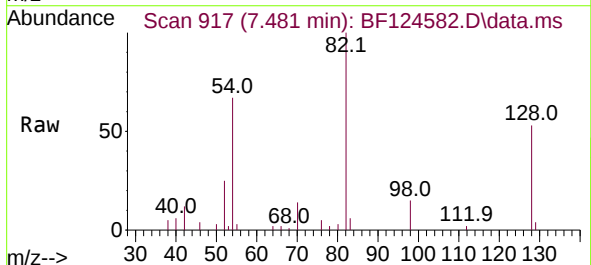
Instrument :
BNA_F
ClientSampleId :
ABN-JG-4RE

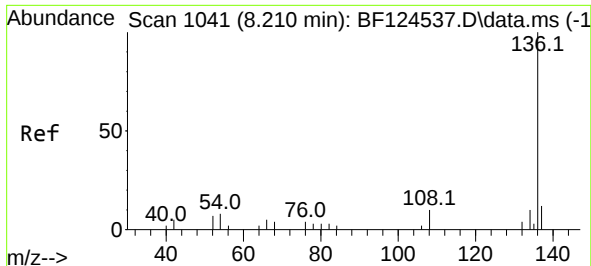
Tgt Ion: 99 Resp: 11142
Ion Ratio Lower Upper
99 100
42 29.2 23.5 35.3
71 34.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.89 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.135 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

Tgt Ion: 70 Resp: 2791
Ion Ratio Lower Upper
70 100
42 85.3 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

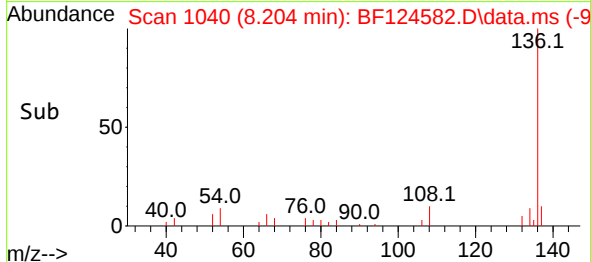
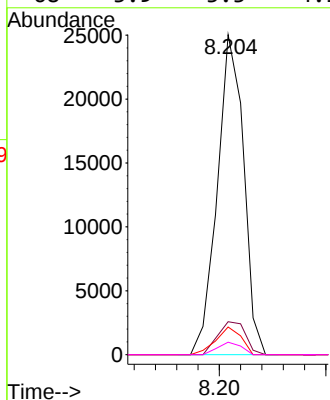
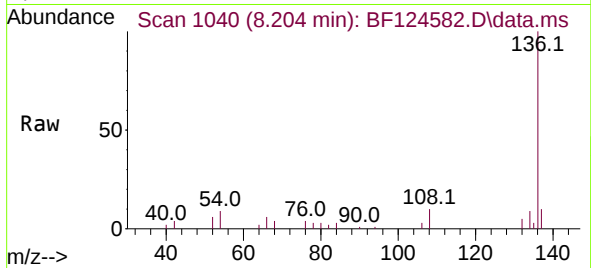




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

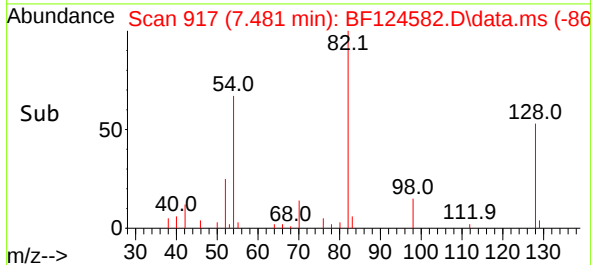
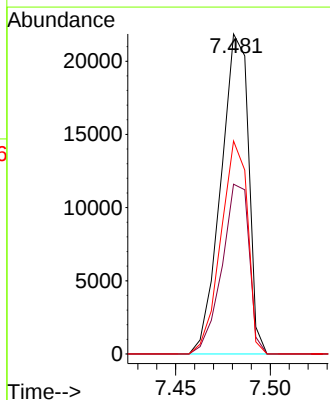
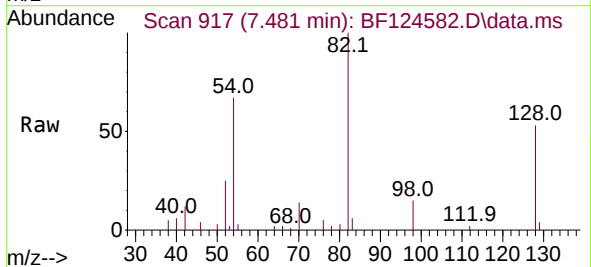
Instrument :
BNA_F
ClientSampleId :
ABN-JG-4RE

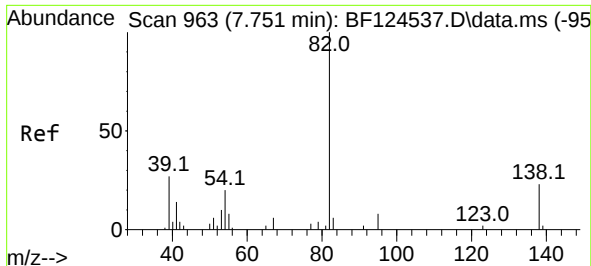
Tgt Ion:136	Resp:	21454
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.8 14.6
54	8.6	6.4 9.6
68	3.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 65.45 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.011 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

Tgt Ion: 82	Resp:	22242
Ion Ratio	Lower	Upper
82	100	
128	53.0	40.6 60.8
54	66.6	49.6 74.4

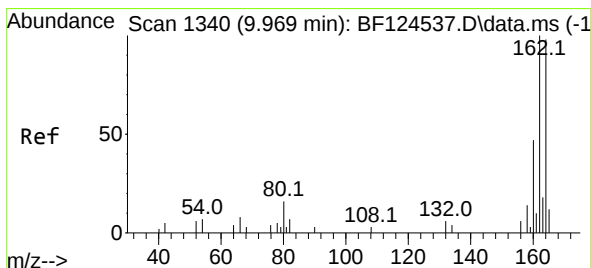
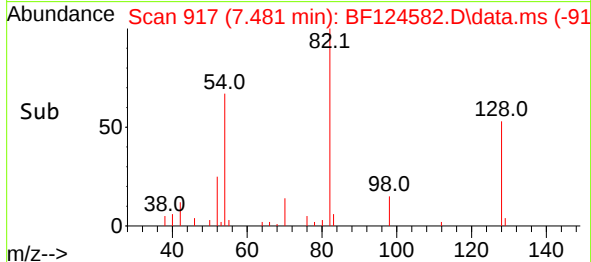
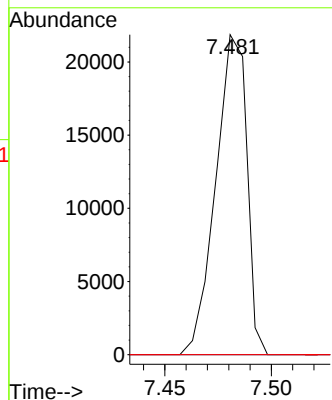
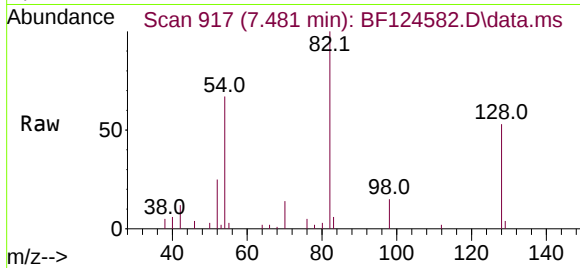




#25
Isophorone
Concen: 35.65 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.270 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

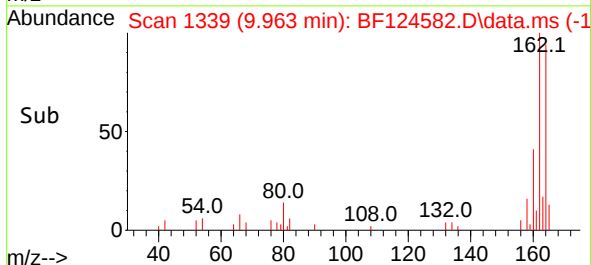
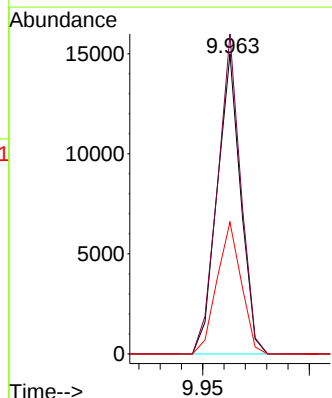
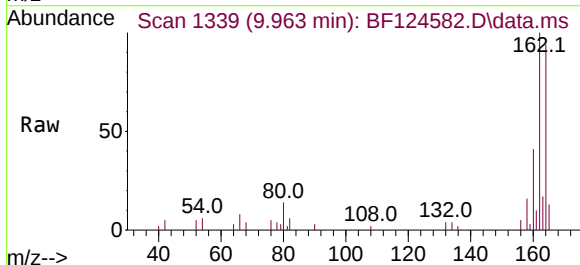
Instrument :
BNA_F
ClientSampleId :
ABN-JG-4RE

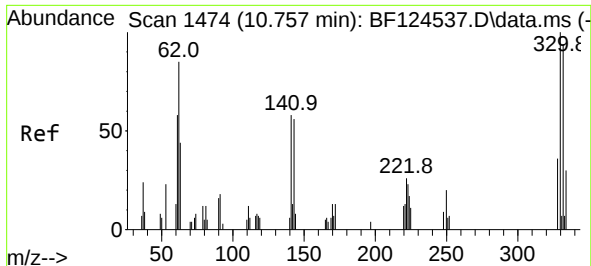
Tgt Ion: 82 Resp: 22242
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

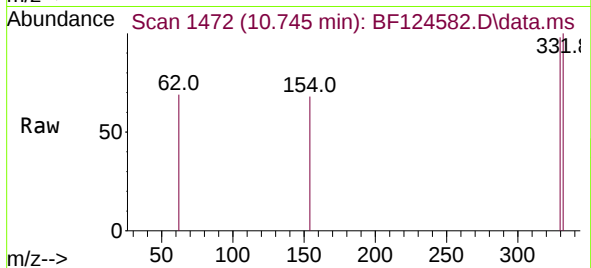
Tgt Ion: 164 Resp: 11489
Ion Ratio Lower Upper
164 100
162 106.6 81.3 121.9
160 43.9 38.0 57.0



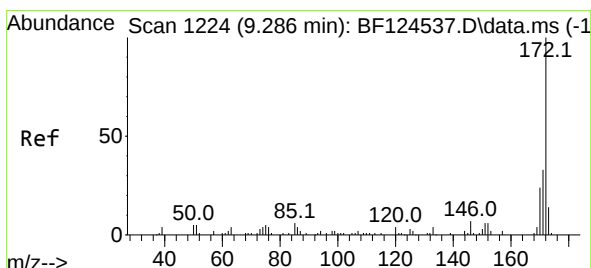
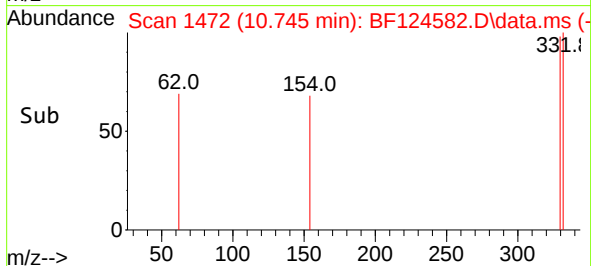
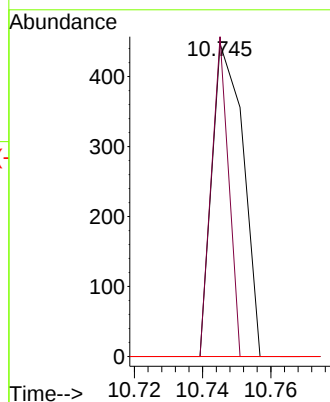


#42
2,4,6-Tribromophenol
Concen: 3.17 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

Instrument :
BNA_F
ClientSampleId :
ABN-JG-4RE

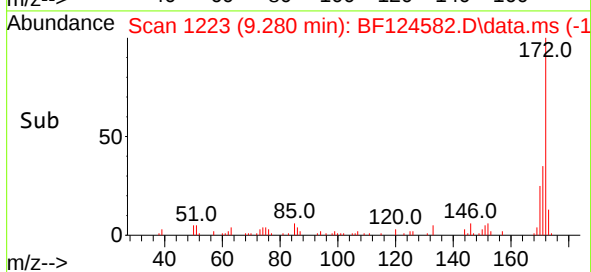
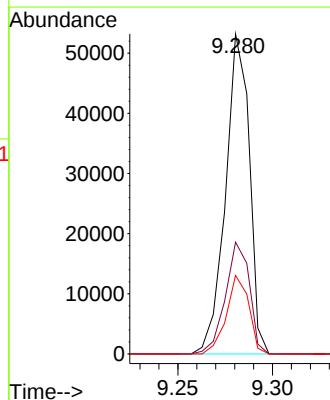
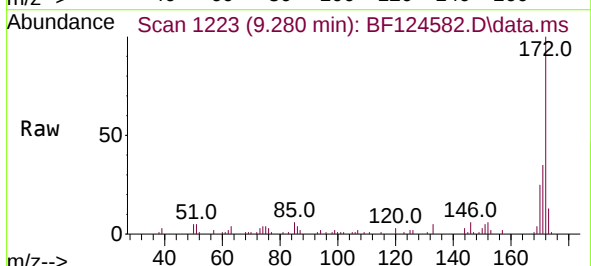


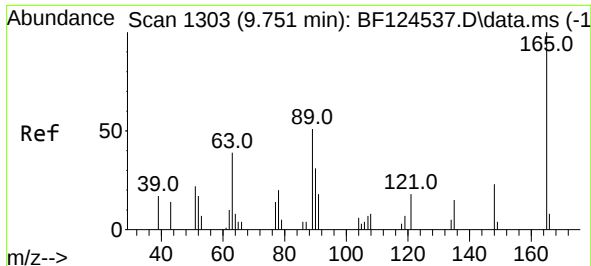
Tgt Ion: 330 Resp: 283
Ion Ratio Lower Upper
330 100
332 56.9 76.2 114.4#
141 0.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 59.16 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

Tgt Ion: 172 Resp: 46607
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 24.5 18.8 28.2

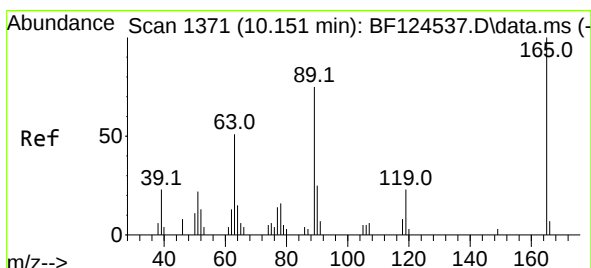
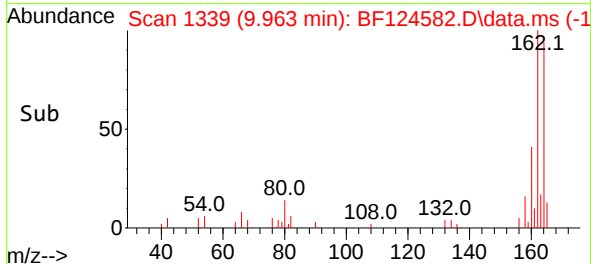
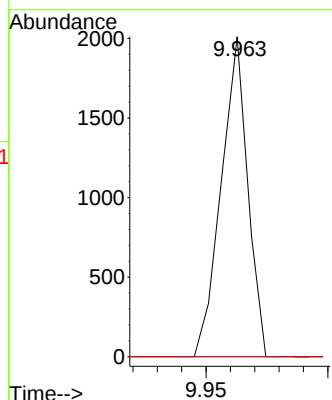
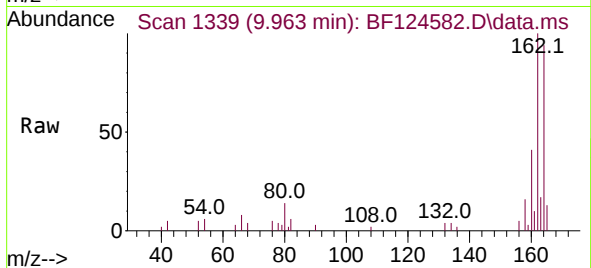




#51
2,6-Dinitrotoluene
Concen: 9.63 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

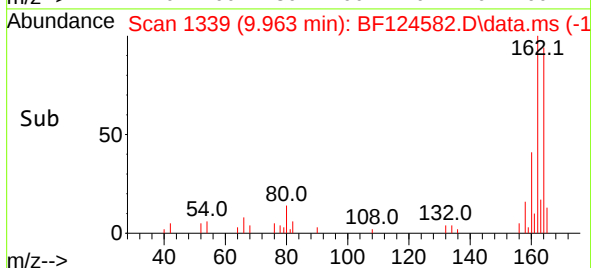
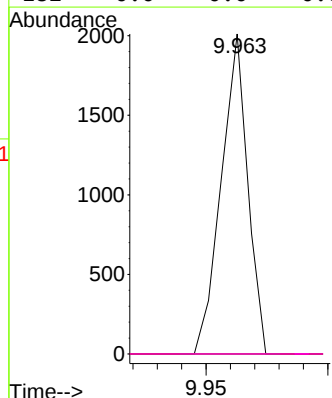
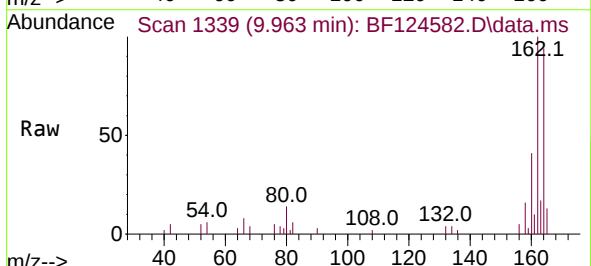
Instrument :
BNA_F
ClientSampled :
ABN-JG-4RE

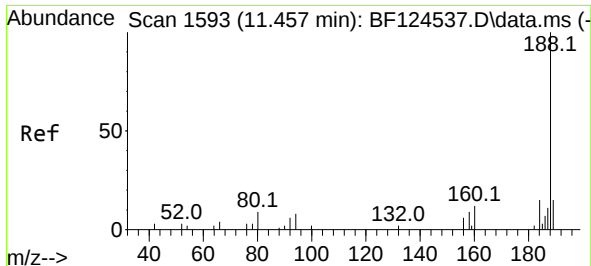
Tgt Ion:165 Resp: 1518
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.04 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

Tgt Ion:165 Resp: 1518
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

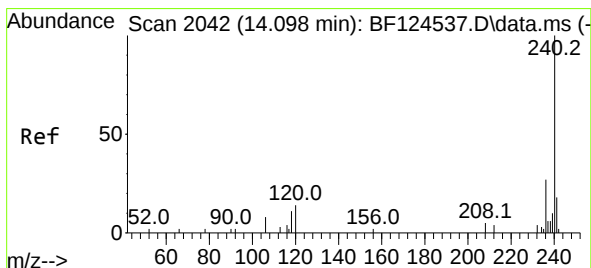
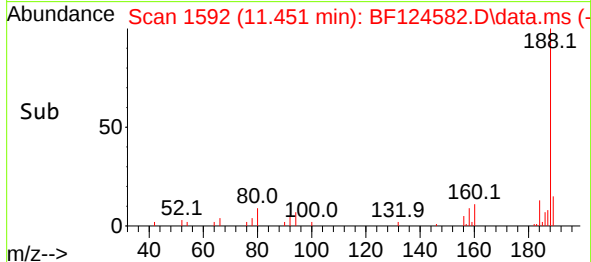
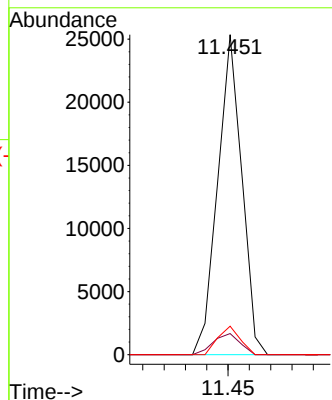
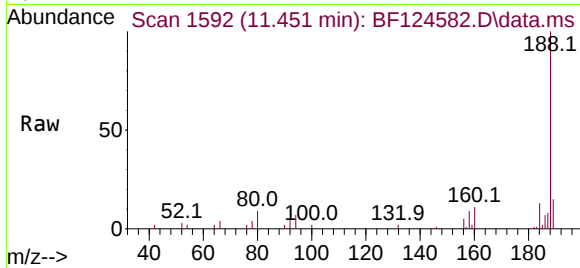




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

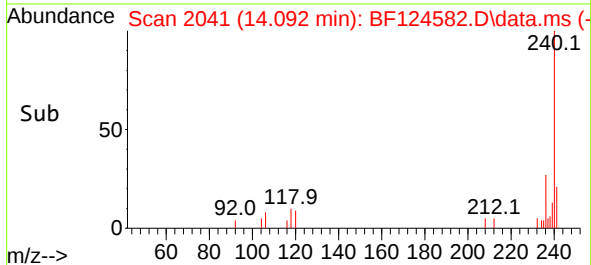
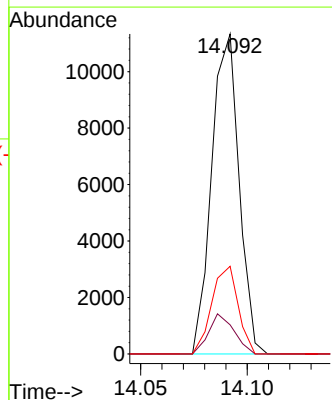
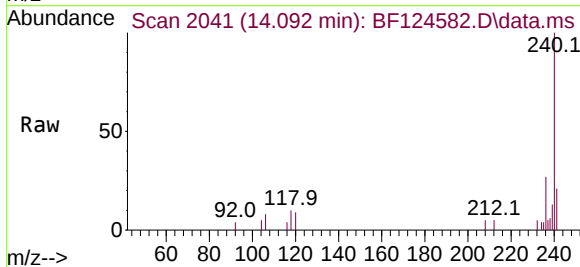
Instrument :
BNA_F
ClientSampleId :
ABN-JG-4RE

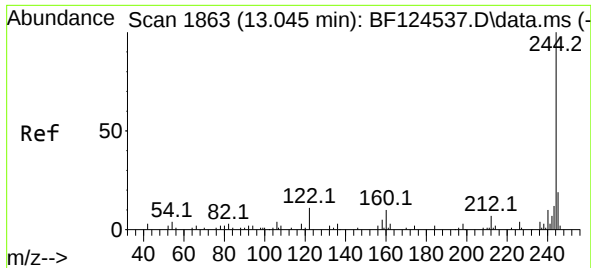
Tgt Ion:188 Resp: 19909
Ion Ratio Lower Upper
188 100
94 6.6 6.7 10.1#
80 8.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124582.D
Acq: 15 Jul 2021 20:51

Tgt Ion:240 Resp: 10116
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 27.4 21.6 32.4

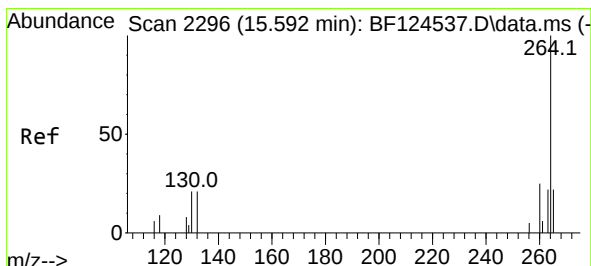
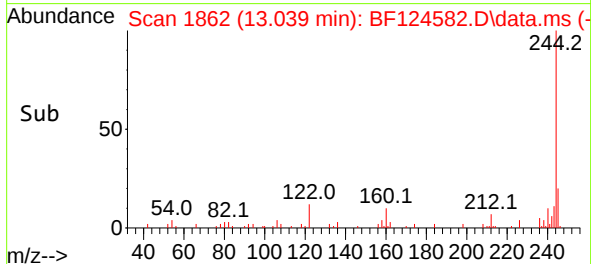
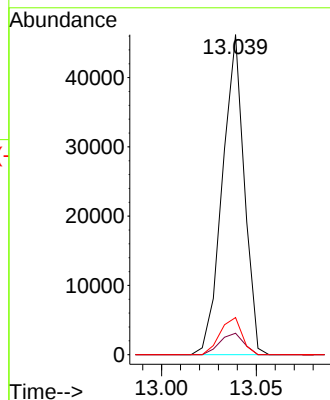
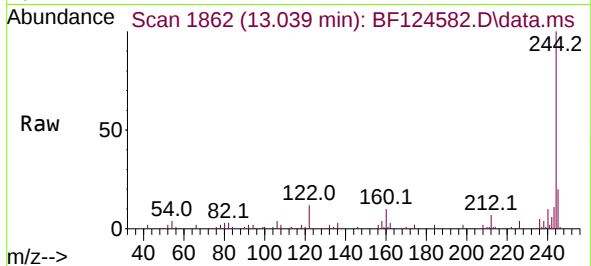




#79
 Terphenyl-d14
 Concen: 61.57 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. -0.006 min
 Lab File: BF124582.D
 Acq: 15 Jul 2021 20:51

Instrument :
 BNA_F
 ClientSampleId :
 ABN-JG-4RE

Tgt Ion:244	Resp:	37091
Ion Ratio	Lower	Upper
244	100	
212	6.7	5.9 8.9
122	11.6	9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF124582.D
 Acq: 15 Jul 2021 20:51

Tgt Ion:264	Resp:	10499
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.6 29.4
265	23.6	17.2 25.8

