

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
 Data File : BF121925.D
 Acq On : 12 Oct 2020 18:45
 Operator : JU/CG
 Sample : L4339-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QUAD-4

Quant Time: Oct 13 00:31:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

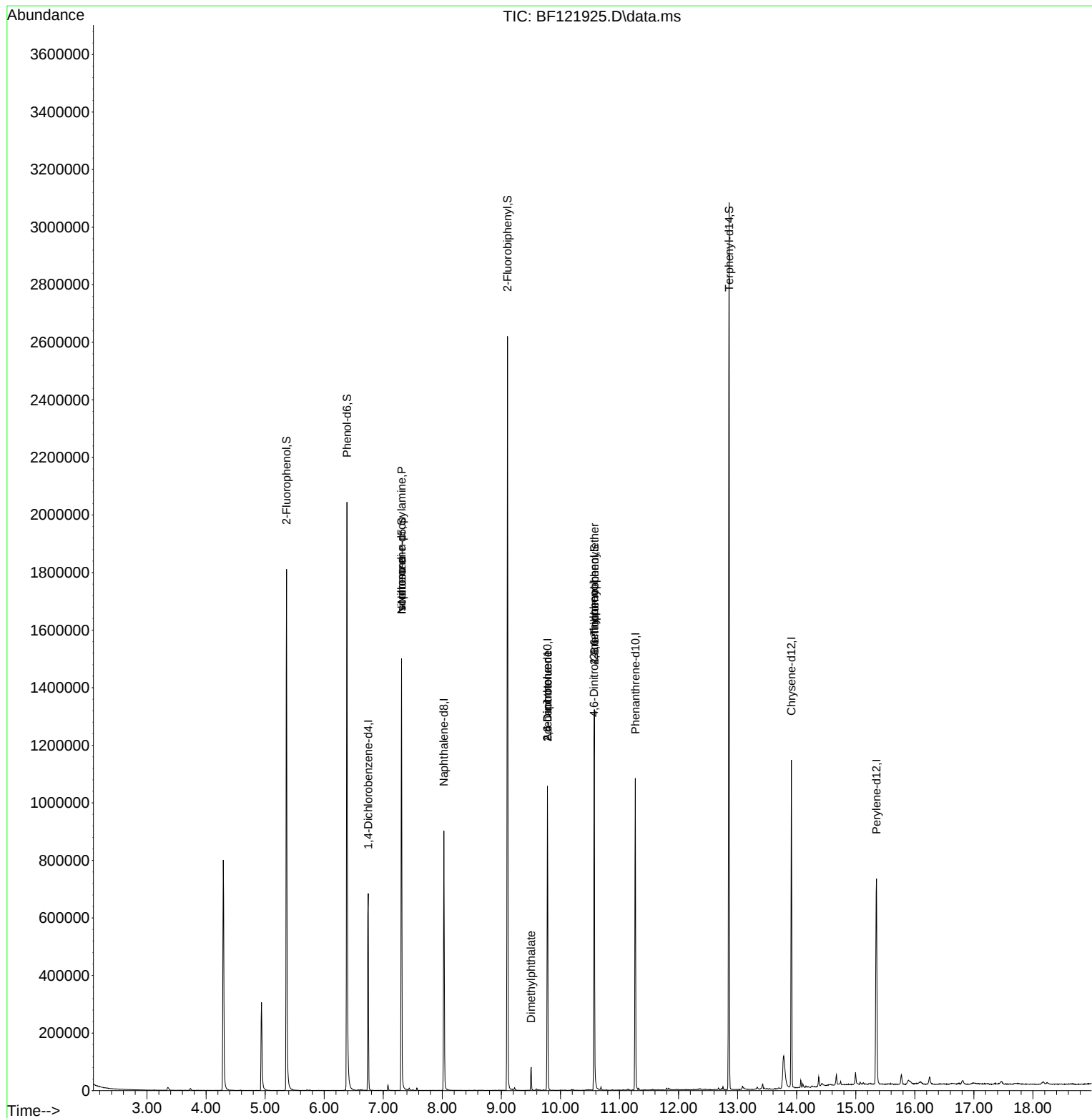
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	101520	20.00	ng	0.00
21) Naphthalene-d8	8.027	136	396660	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	204262	20.00	ng	0.00
64) Phenanthrene-d10	11.268	188	389410	20.00	ng	0.00
76) Chrysene-d12	13.909	240	353399	20.00	ng	0.00
86) Perylene-d12	15.351	264	318640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	504018	73.27	ng	0.00
7) Phenol-d6	6.386	99	675095	76.24	ng	-0.01
23) Nitrobenzene-d5	7.310	82	467097	60.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	171029	67.69	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	832067	59.94	ng	0.00
79) Terphenyl-d14	12.857	244	938838	50.63	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.386	77	900	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	61301	12.16	ng	# 80
25) Isophorone	7.310	82	467092	31.94	ng	# 67
50) Dimethylphthalate	9.504	163	36218	2.42	ng	99
51) 2,6-Dinitrotoluene	9.780	165	25722	7.85	ng	# 20
57) 2,4-Dinitrotoluene	9.780	165	25722	6.38	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.569	198	327	4.55	ng	# 1
67) 4-Bromophenyl-phenylether	10.574	248	9774	2.17	ng	# 1

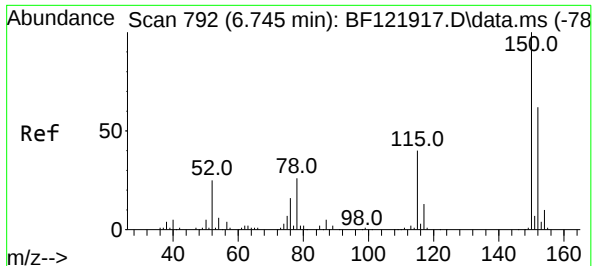
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
Data File : BF121925.D
Acq On : 12 Oct 2020 18:45
Operator : JU/CG
Sample : L4339-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QUAD-4

Quant Time: Oct 13 00:31:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

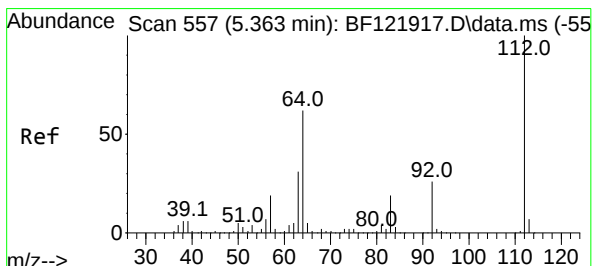
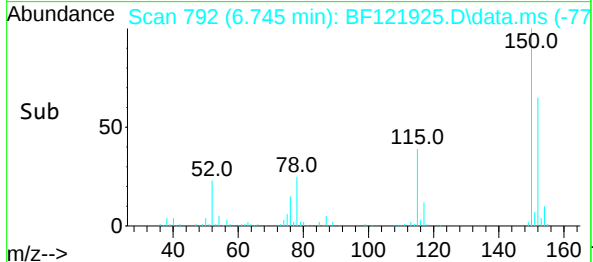
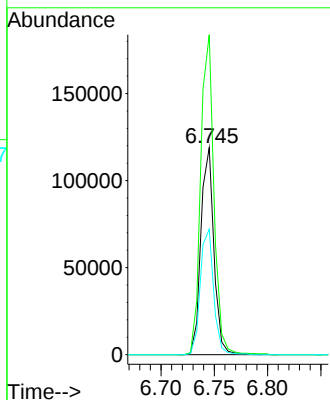
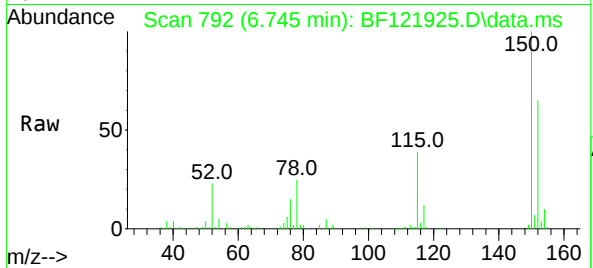




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

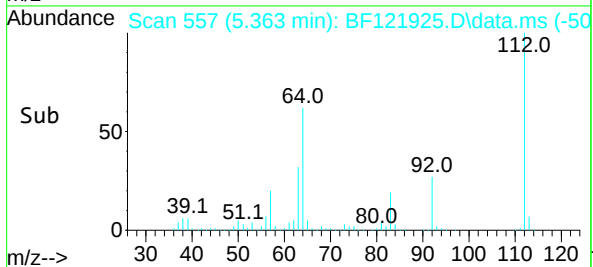
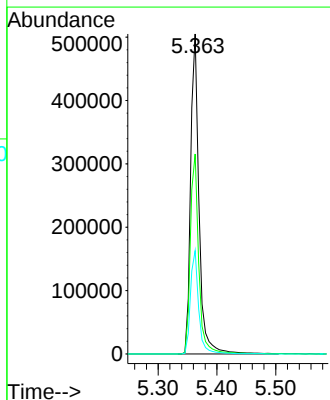
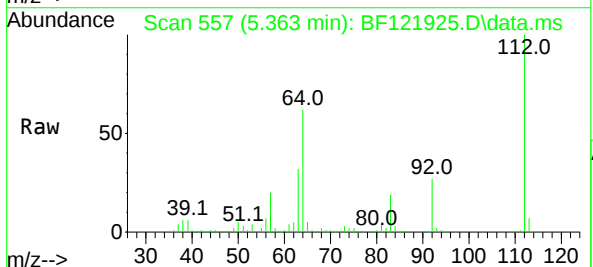
Instrument :
BNA_F
ClientSampleId :
QUAD-4

Tgt Ion:152 Resp: 101520
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 60.6 51.9 77.9



#5
2-Fluorophenol
Concen: 73.27 ng
RT: 5.363 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

Tgt Ion:112 Resp: 504018
Ion Ratio Lower Upper
112 100
64 62.5 50.4 75.6
63 32.3 25.8 38.6

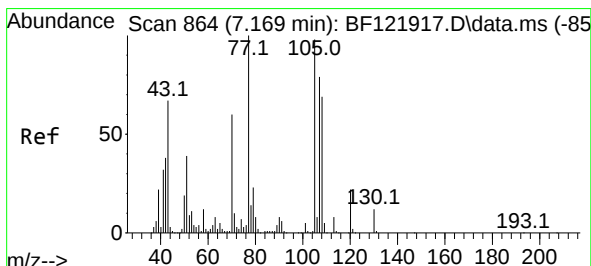
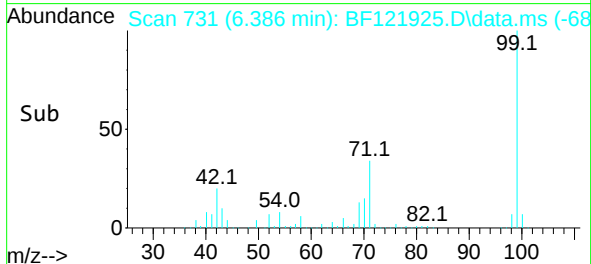
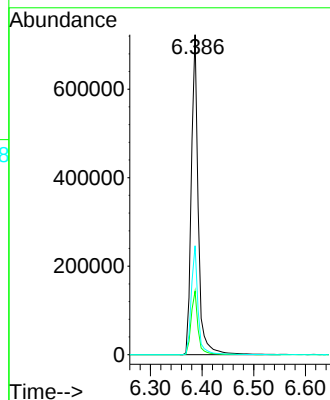
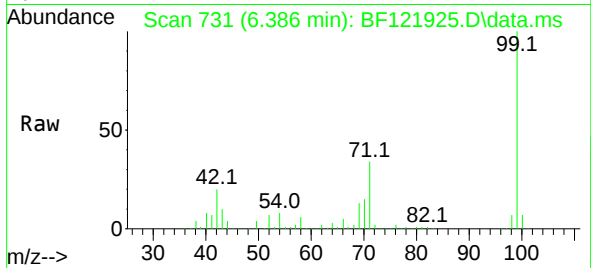




#7
Phenol-d6
Concen: 76.24 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

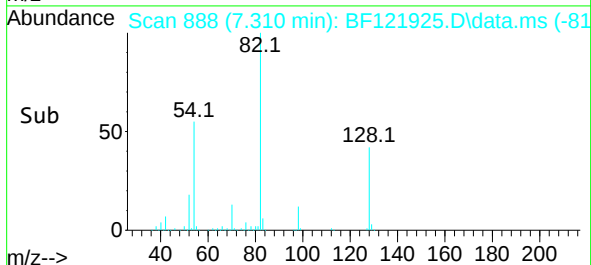
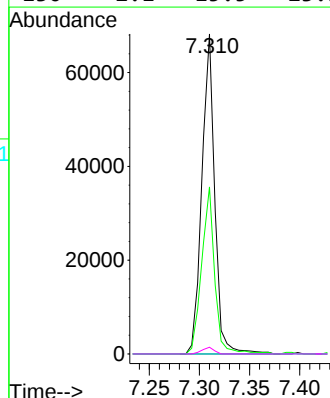
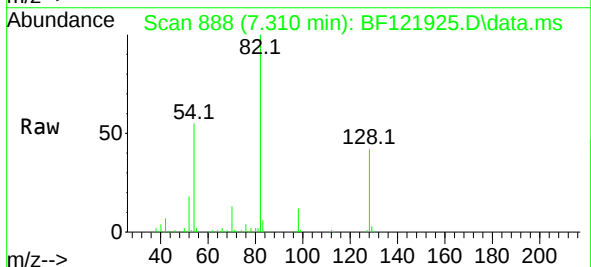
Instrument :
BNA_F
ClientSampleId :
QUAD-4

Tgt Ion: 99 Resp: 675095
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 34.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.16 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

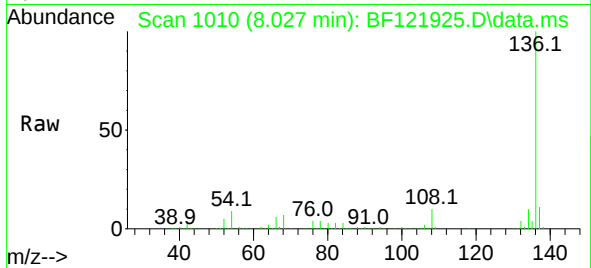
Tgt Ion: 70 Resp: 61301
Ion Ratio Lower Upper
70 100
42 52.2 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



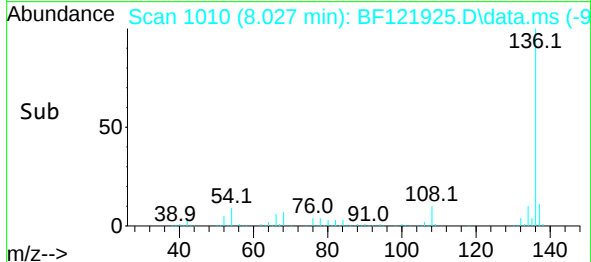
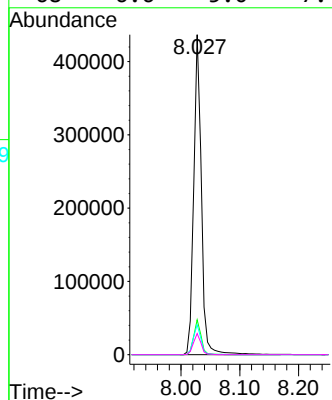


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.027 min Scan# 1010
Delta R.T. -0.007 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

Instrument :
BNA_F
ClientSampleId :
QUAD-4

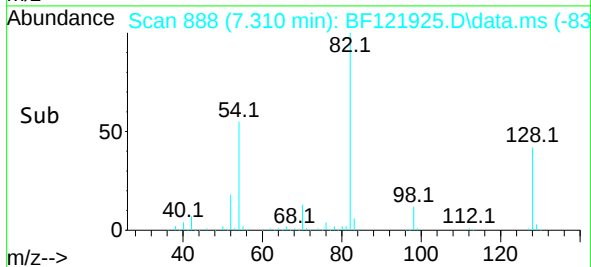
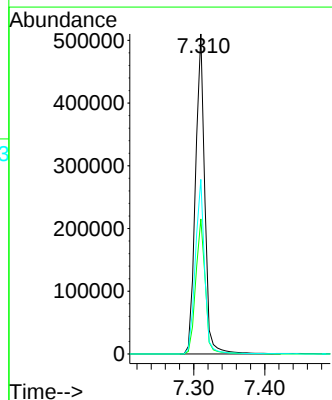
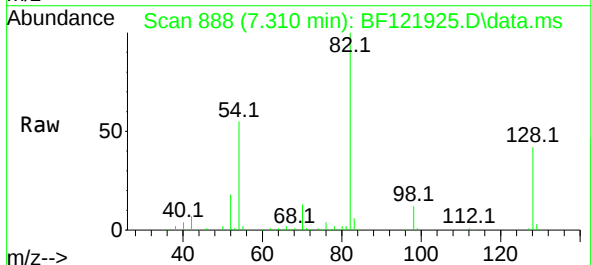


Tgt Ion:136 Resp: 396660
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 7.1 10.7
68 6.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 60.39 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

Tgt Ion: 82 Resp: 467097
Ion Ratio Lower Upper
82 100
128 42.2 35.0 52.4
54 54.5 43.9 65.9

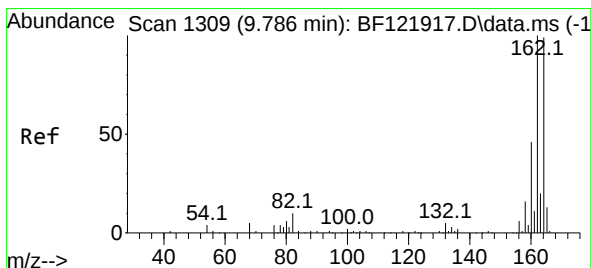
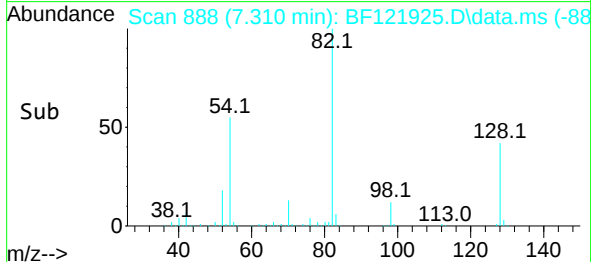
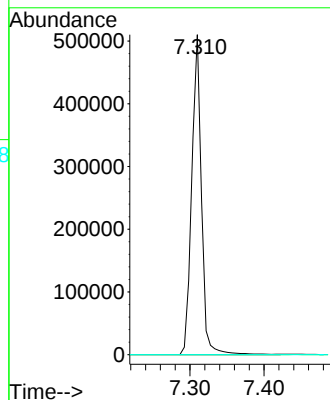
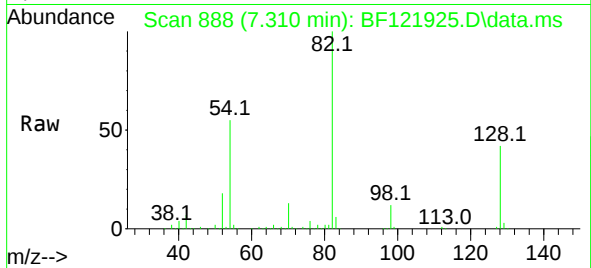




#25
Isophorone
Concen: 31.94 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

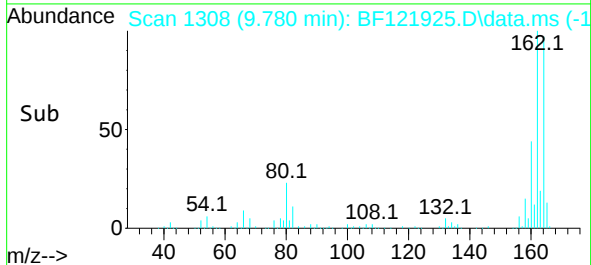
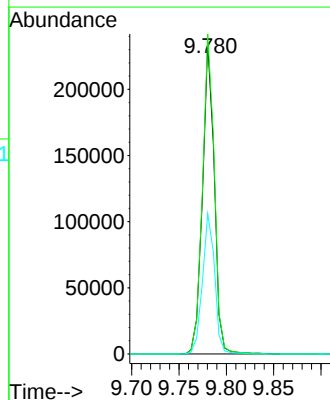
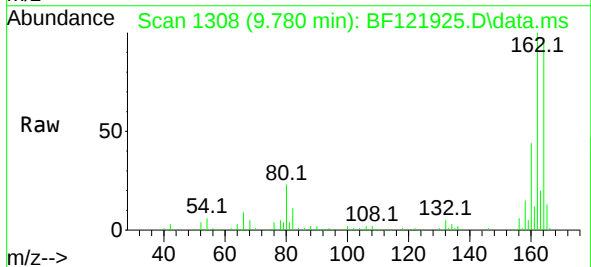
Instrument :
BNA_F
ClientSampleId :
QUAD-4

Tgt Ion: 82 Resp: 467092
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

Tgt Ion: 164 Resp: 204262
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 45.1 37.5 56.3

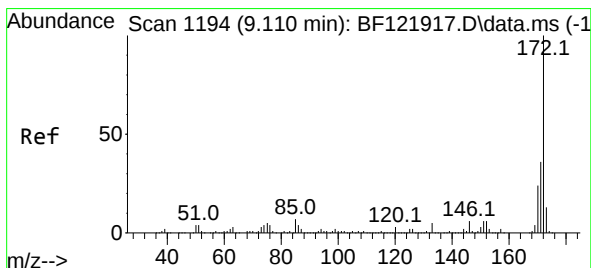
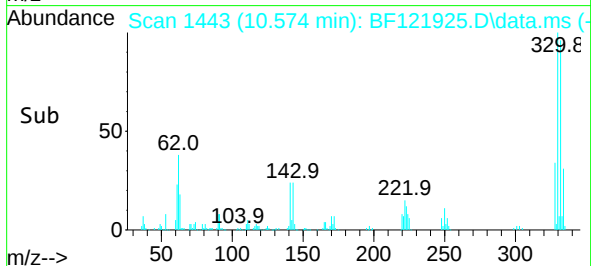
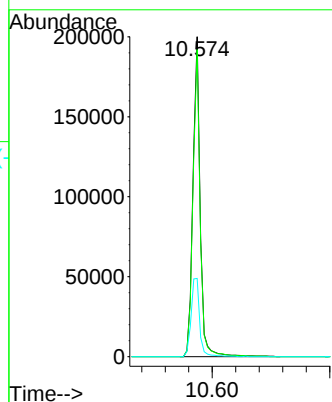
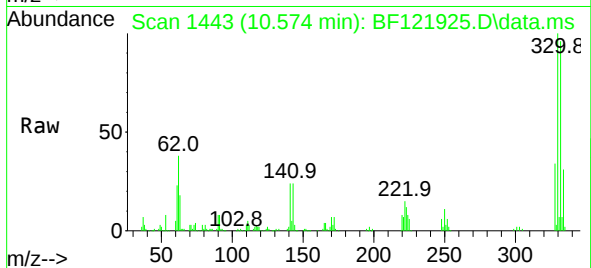




#42
2,4,6-Tribromophenol
Concen: 67.69 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

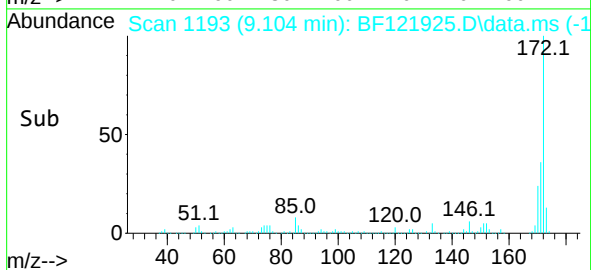
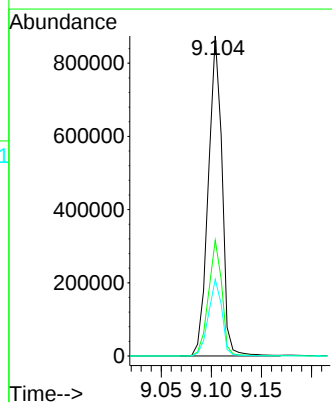
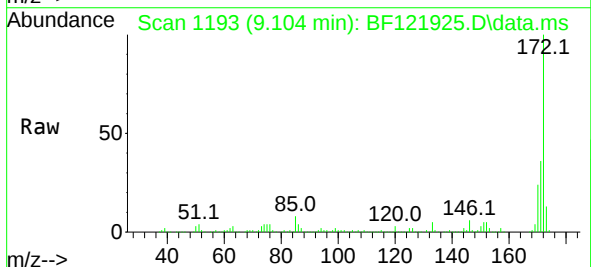
Instrument :
BNA_F
ClientSampleId :
QUAD-4

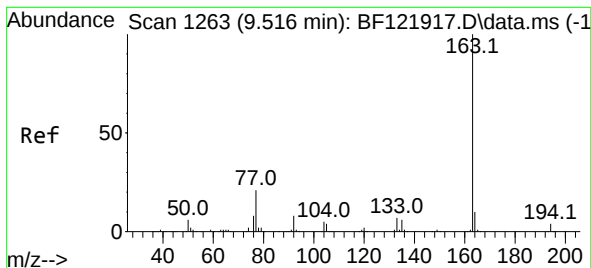
Tgt Ion: 330 Resp: 171029
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 29.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 59.94 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

Tgt Ion: 172 Resp: 832067
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 23.9 19.8 29.6





#50

Dimethylphthalate

Concen: 2.42 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.012 min

Lab File: BF121925.D

Acq: 12 Oct 2020 18:45

Tgt Ion:163 Resp: 36218

Ion Ratio Lower Upper

163 100

194 4.8 3.3 4.9

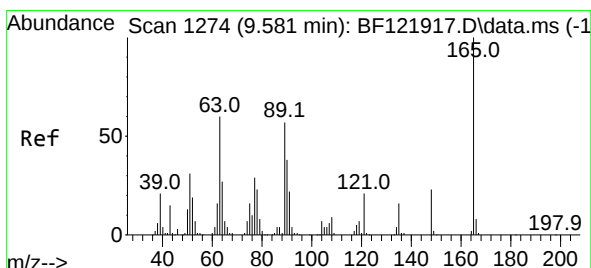
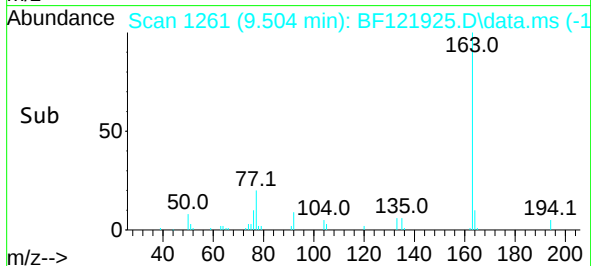
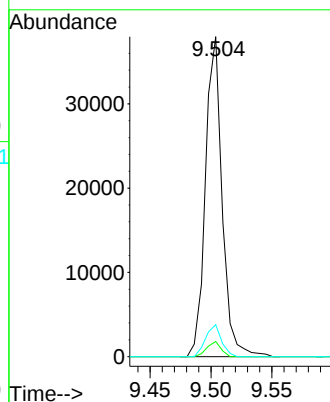
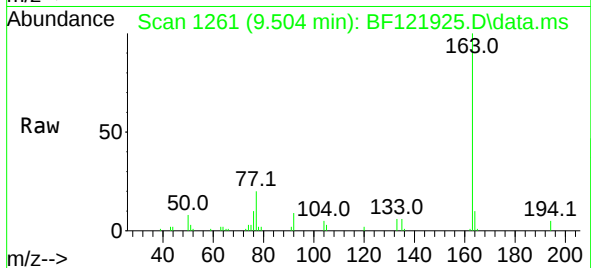
164 10.0 8.2 12.4

Instrument :

BNA_F

ClientSampleId :

QUAD-4



#51

2,6-Dinitrotoluene

Concen: 7.85 ng

RT: 9.780 min Scan# 1308

Delta R.T. 0.200 min

Lab File: BF121925.D

Acq: 12 Oct 2020 18:45

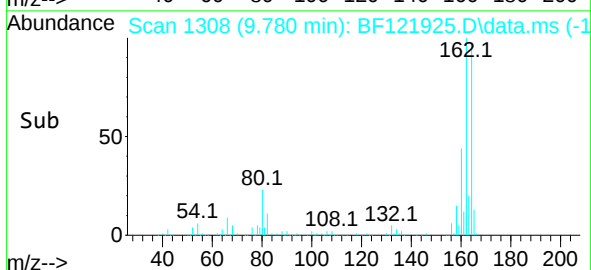
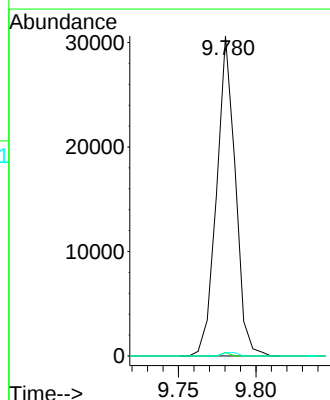
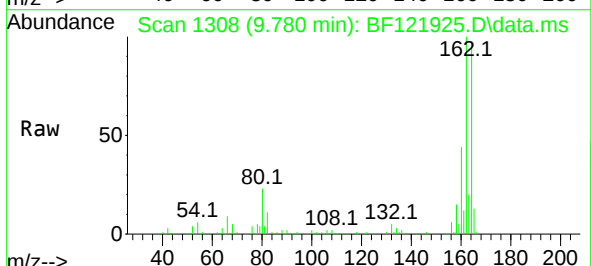
Tgt Ion:165 Resp: 25722

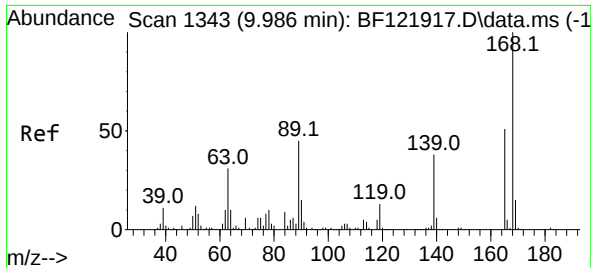
Ion Ratio Lower Upper

165 100

63 1.1 51.8 77.6#

89 1.0 49.0 73.6#

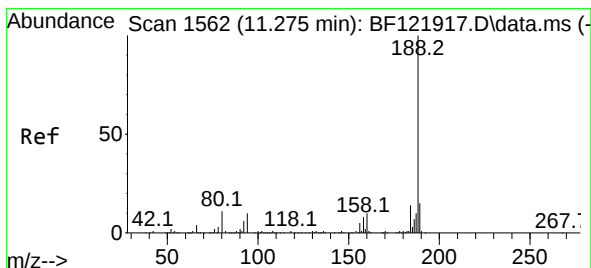
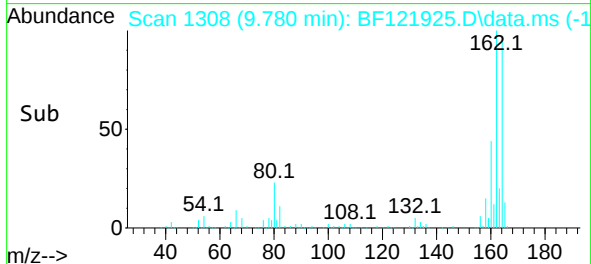
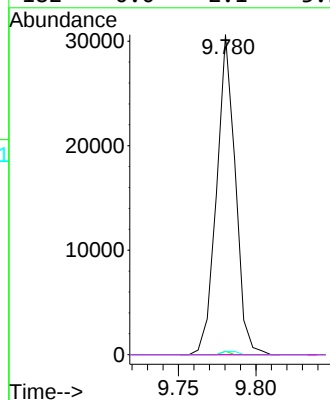
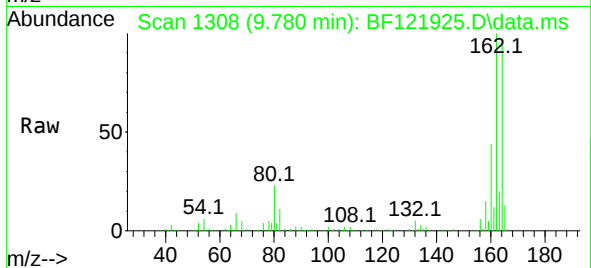




#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.206 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

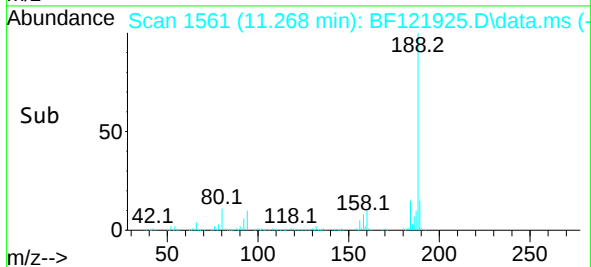
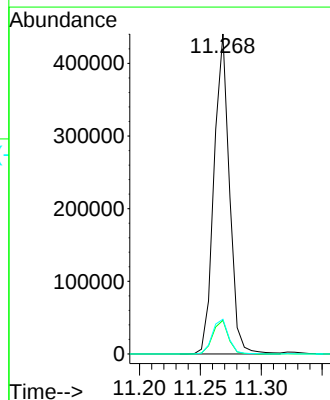
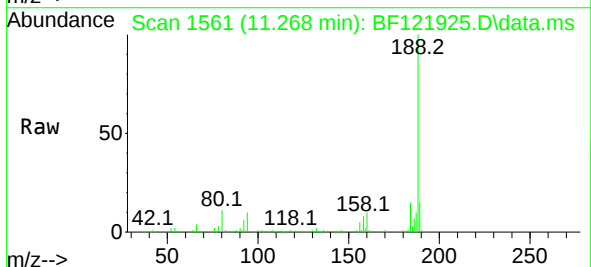
Instrument :
BNA_F
ClientSampleId :
QUAD-4

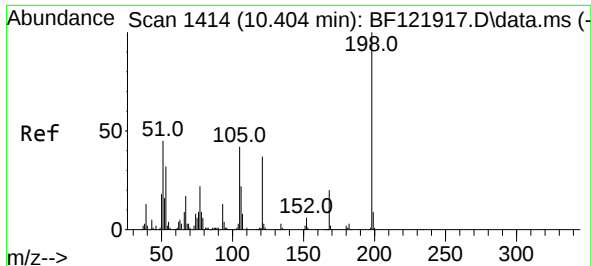
Tgt Ion:	165	Resp:	25722
Ion Ratio	Lower	Upper	
165	100		
63	1.1	41.3	61.9#
89	1.0	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.007 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

Tgt Ion:	188	Resp:	389410
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.3	12.5
80	10.9	9.1	13.7

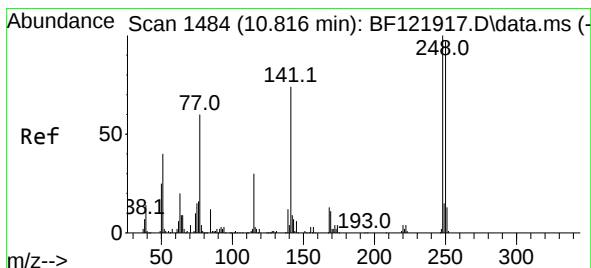
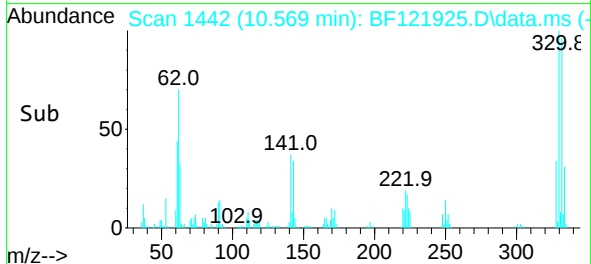
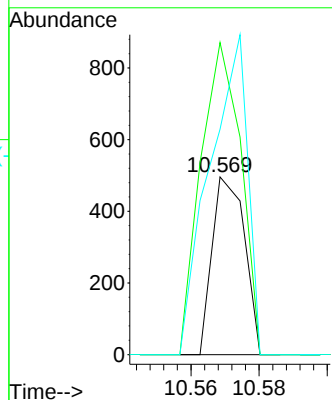
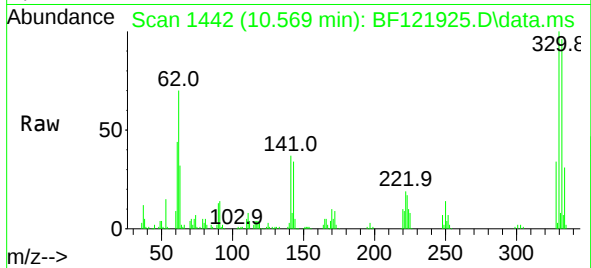




#65
4,6-Dinitro-2-methylphenol
Concen: 4.55 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

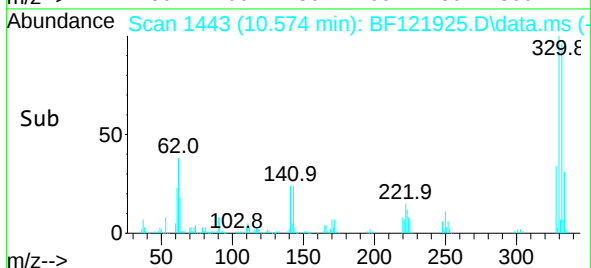
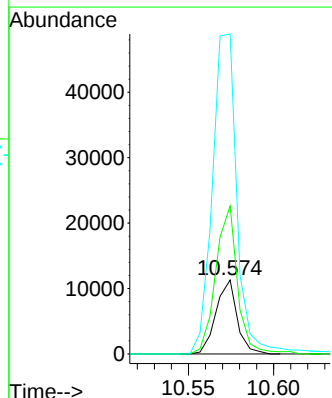
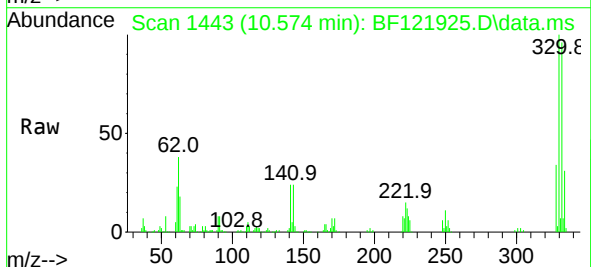
Instrument :
BNA_F
ClientSampleId :
QUAD-4

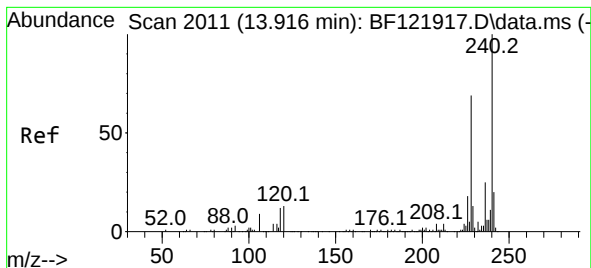
Tgt Ion:198 Resp: 327
Ion Ratio Lower Upper
198 100
51 175.6 29.6 69.6#
105 126.8 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.17 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

Tgt Ion:248 Resp: 9774
Ion Ratio Lower Upper
248 100
250 200.0 77.0 115.6#
141 432.5 53.7 80.5#

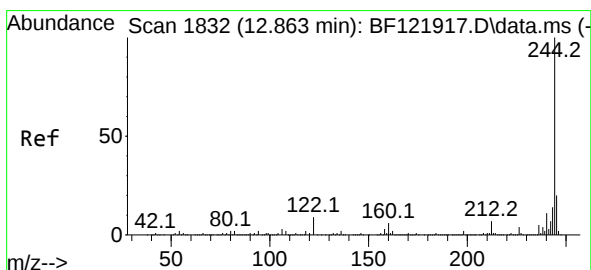
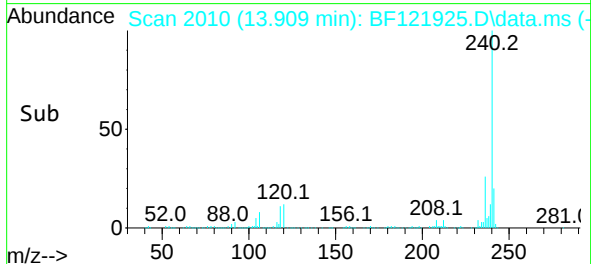
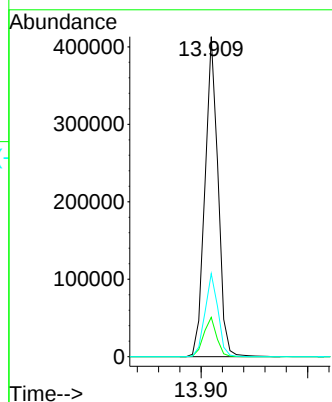
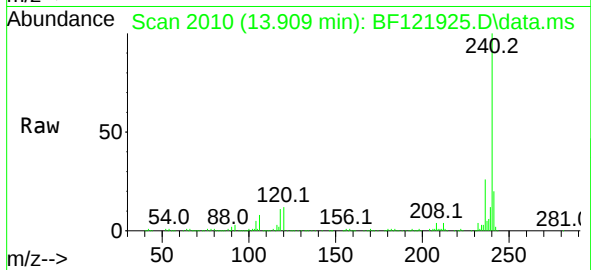




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.909 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

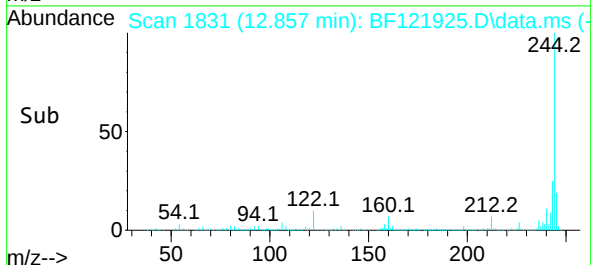
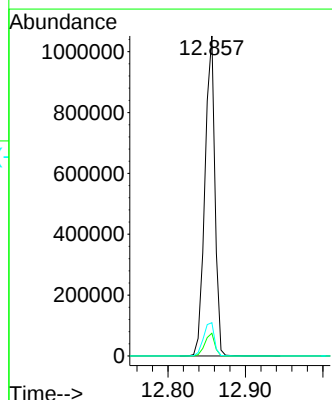
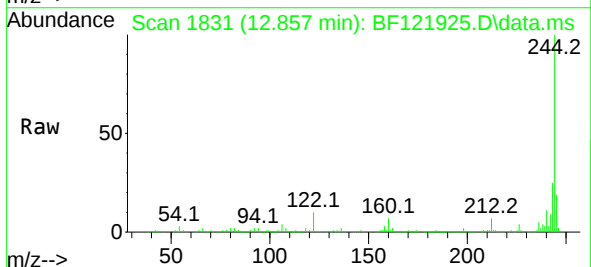
Instrument :
BNA_F
ClientSampleId :
QUAD-4

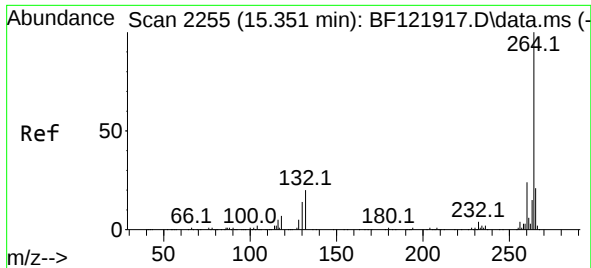
Tgt Ion:240 Resp: 353399
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 50.63 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF121925.D
Acq: 12 Oct 2020 18:45

Tgt Ion:244 Resp: 938838
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.4 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.351 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: BF121925.D
 Acq: 12 Oct 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :
 QUAD-4

Tgt Ion:264	Resp:	318640
Ion	Ratio	Lower Upper
264	100	
260	23.5	18.7 28.1
265	21.5	17.3 25.9

