

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122013.D
 Acq On : 16 Oct 2020 16:13
 Operator : JU/CG
 Sample : L4219-09 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101520

Quant Time: Oct 16 16:47:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

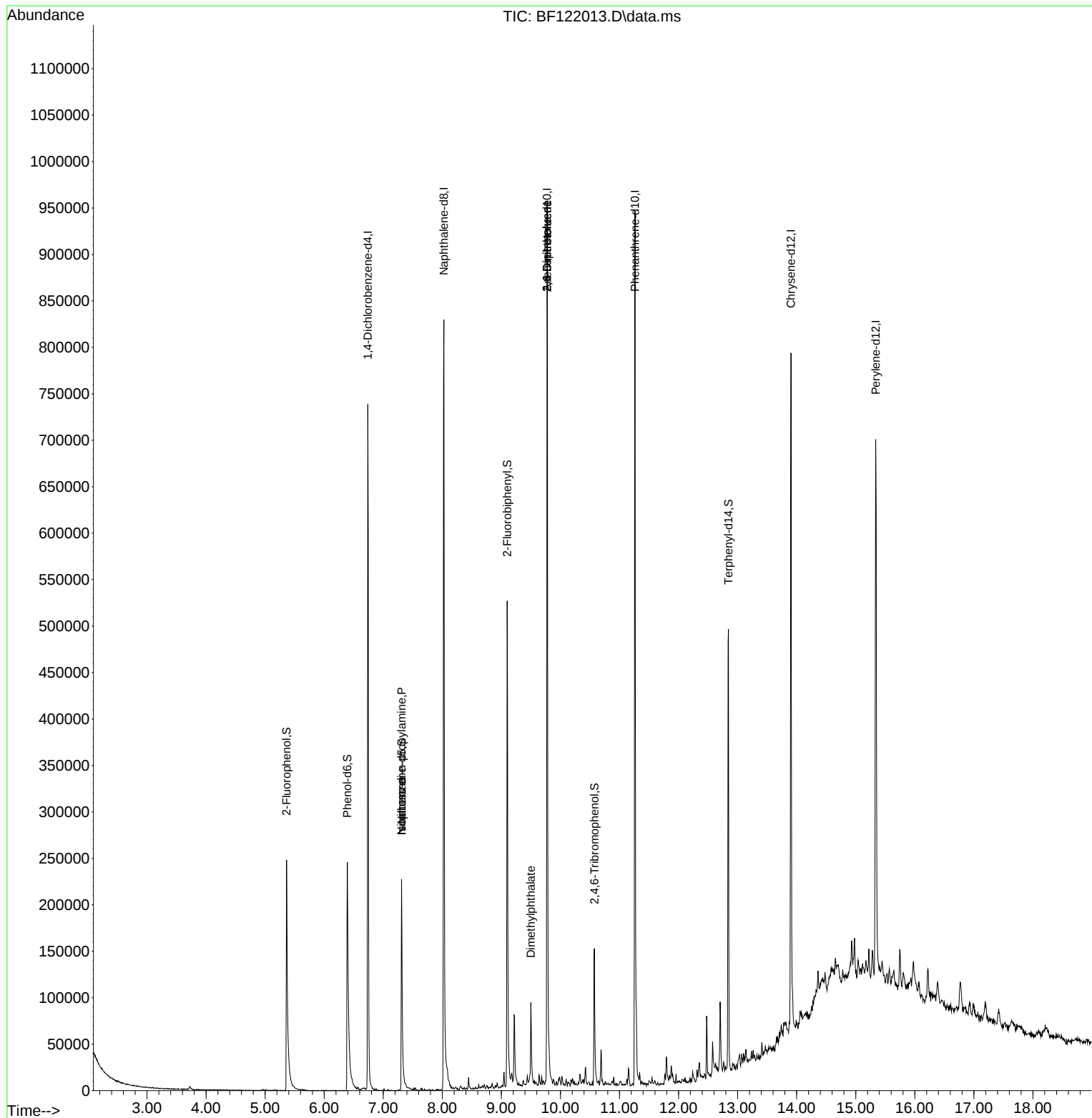
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	115085	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	452394	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	219342	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	364952	20.00	ng	0.00
76) Chrysene-d12	13.904	240	249619	20.00	ng	0.00
86) Perylene-d12	15.339	264	255137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	117924	15.12	ng	0.00
7) Phenol-d6	6.392	99	153395	15.28	ng	0.00
23) Nitrobenzene-d5	7.310	82	99517	11.28	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	23639	8.71	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	208499	13.99	ng	0.00
79) Terphenyl-d14	12.845	244	154222	11.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	13345	2.34	ng	Qvalue # 83
25) Isophorone	7.310	82	99516	5.97	ng	# 67
50) Dimethylphthalate	9.498	163	38132	2.38	ng	99
51) 2,6-Dinitrotoluene	9.775	165	28292	8.04	ng	# 21
57) 2,4-Dinitrotoluene	9.775	165	28401	6.56	ng	# 20

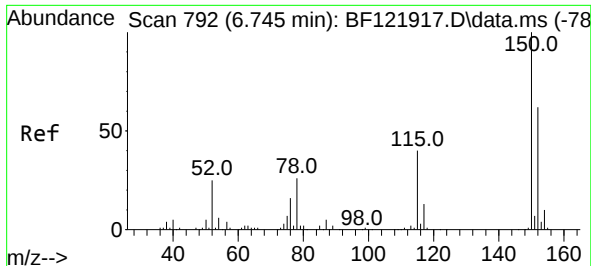
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122013.D
Acq On : 16 Oct 2020 16:13
Operator : JU/CG
Sample : L4219-09 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101520

Quant Time: Oct 16 16:47:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

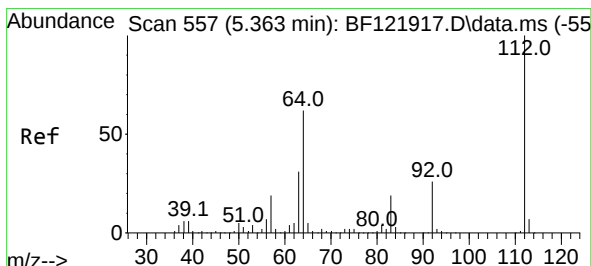
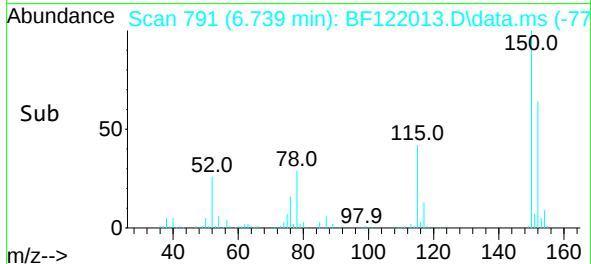
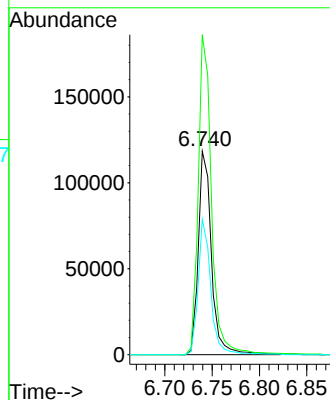
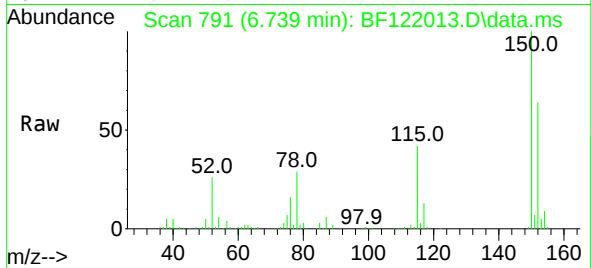




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF122013.D
 Acq: 16 Oct 2020 16:13

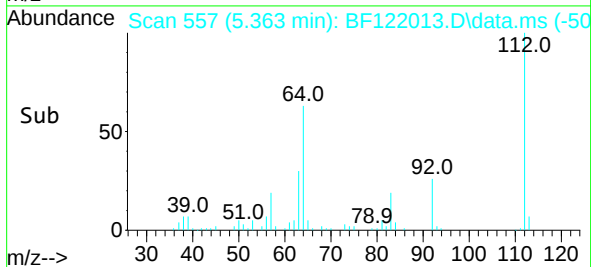
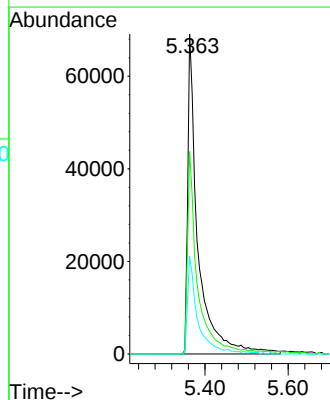
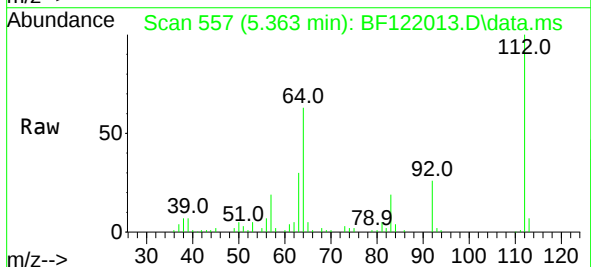
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101520

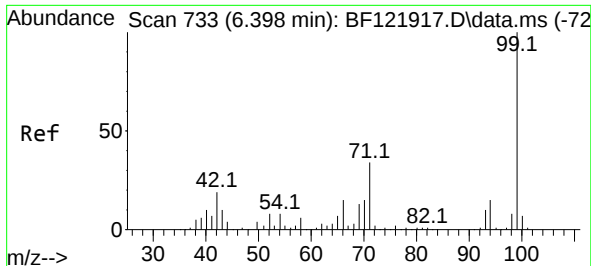
Tgt Ion:152 Resp: 115085
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.3 187.9
 115 66.6 51.9 77.9



#5
 2-Fluorophenol
 Concen: 15.12 ng
 RT: 5.363 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: BF122013.D
 Acq: 16 Oct 2020 16:13

Tgt Ion:112 Resp: 117924
 Ion Ratio Lower Upper
 112 100
 64 63.3 50.4 75.6
 63 30.5 25.8 38.6

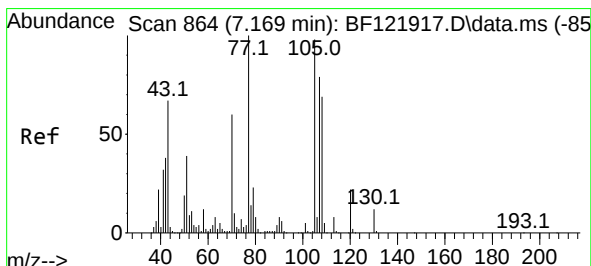
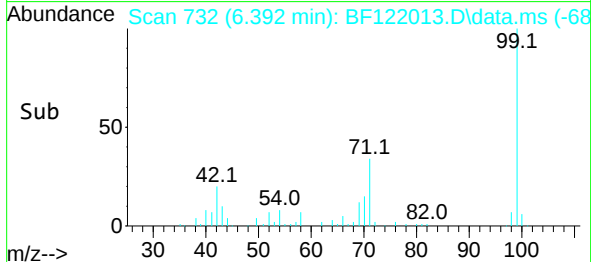
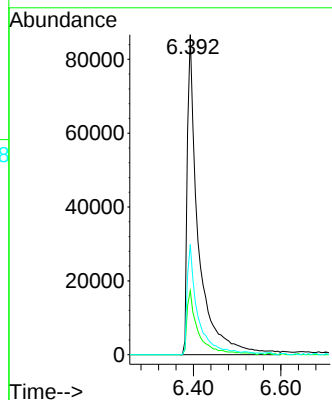
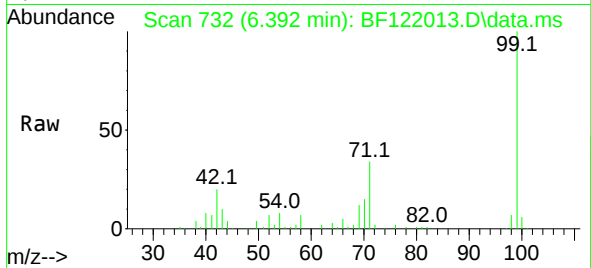




#7
Phenol-d6
Concen: 15.28 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

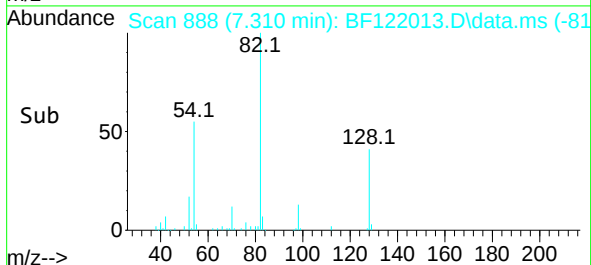
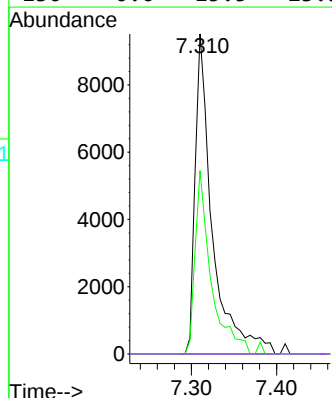
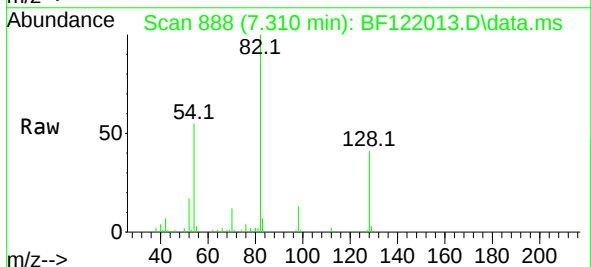
Instrument :
BNA_F
ClientSampleId :
CL-02-101520

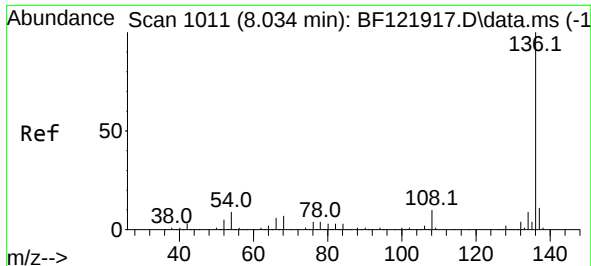
Tgt Ion: 99 Resp: 153395
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 34.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.34 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

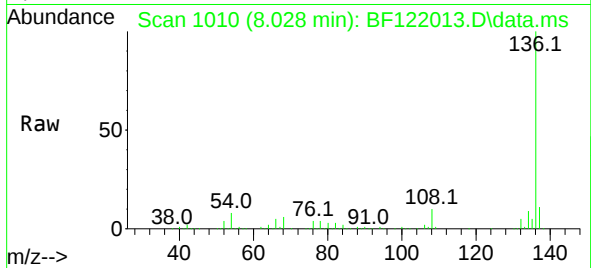
Tgt Ion: 70 Resp: 13345
Ion Ratio Lower Upper
70 100
42 57.3 50.2 75.4
101 0.0 7.5 11.3#
130 0.0 15.5 23.3#



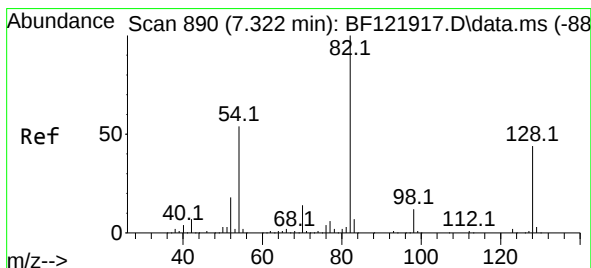
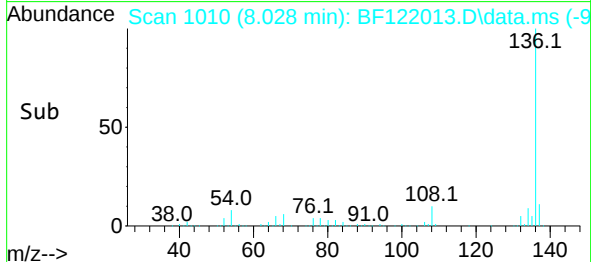
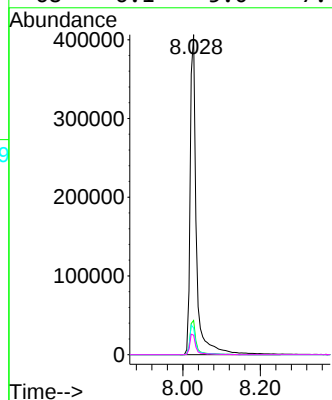


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Instrument :
BNA_F
ClientSampleId :
CL-02-101520

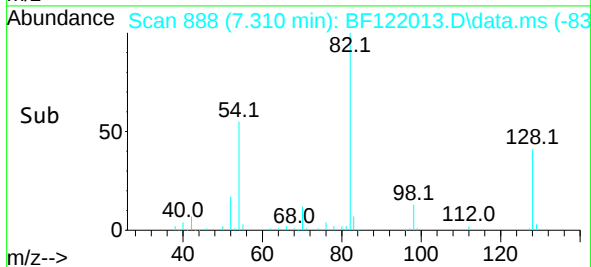
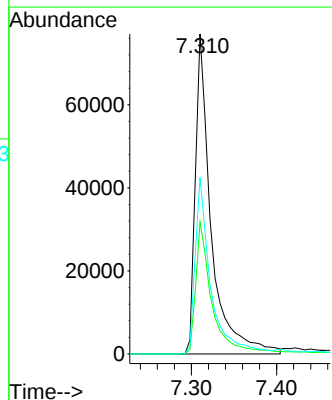
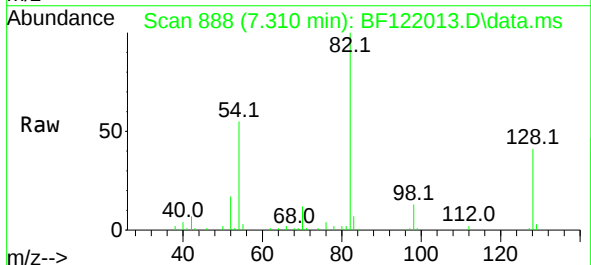


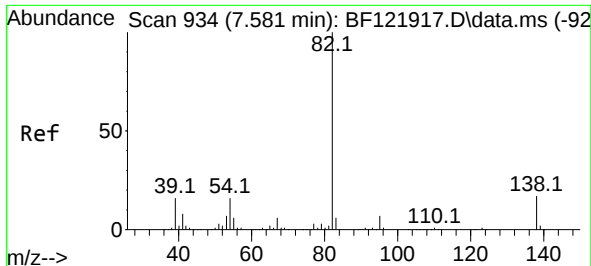
Tgt Ion:136 Resp: 452394
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 7.1 10.7
68 6.1 5.0 7.4



#23
Nitrobenzene-d5
Concen: 11.28 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion: 82 Resp: 99517
Ion Ratio Lower Upper
82 100
128 41.1 35.0 52.4
54 55.1 43.9 65.9

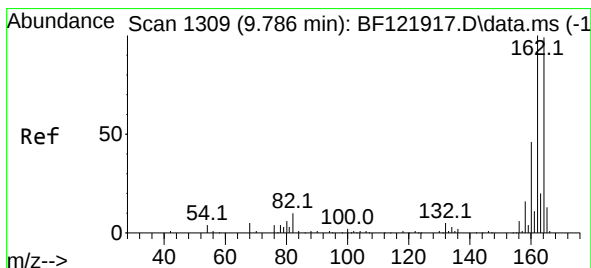
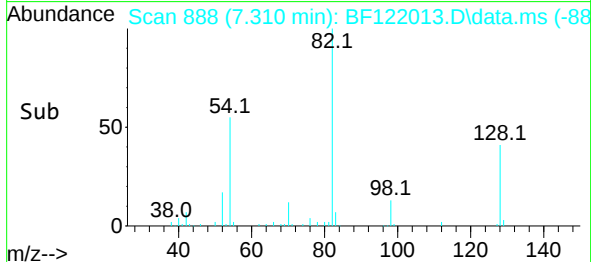
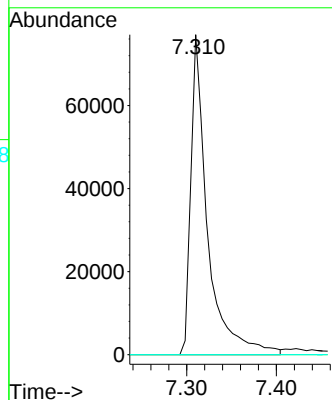
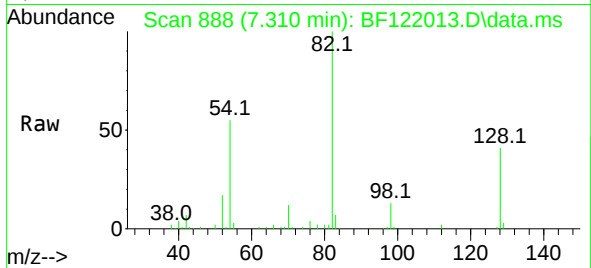




#25
Isophorone
Concen: 5.97 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.265 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

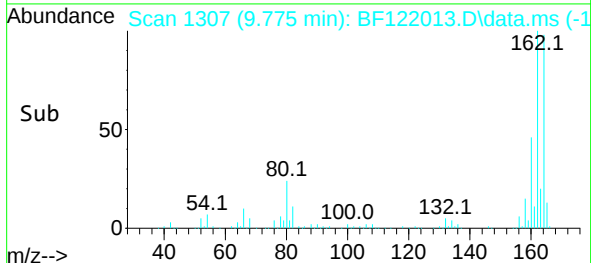
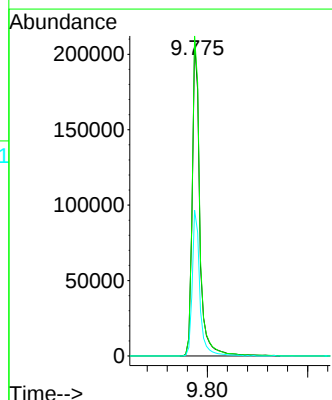
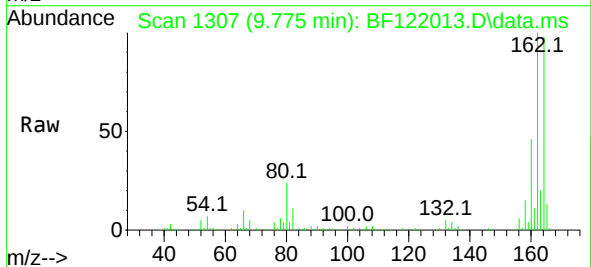
Instrument :
BNA_F
ClientSampleId :
CL-02-101520

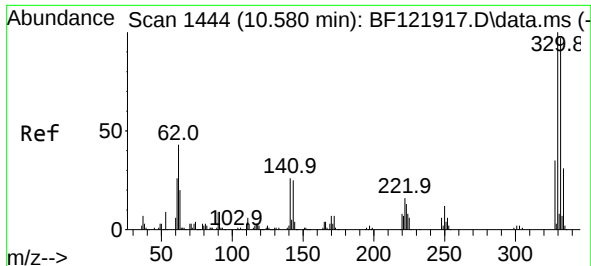
Tgt Ion: 82 Resp: 99516
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion: 164 Resp: 219342
Ion Ratio Lower Upper
164 100
162 101.8 83.2 124.8
160 46.4 37.5 56.3

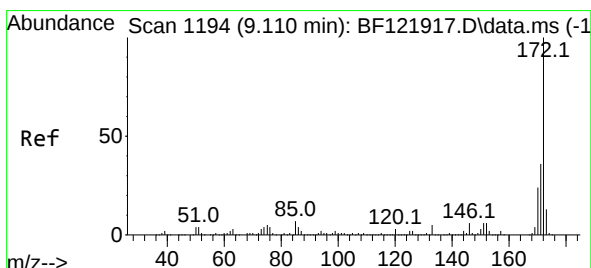
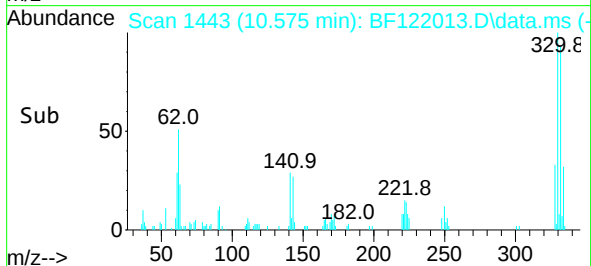
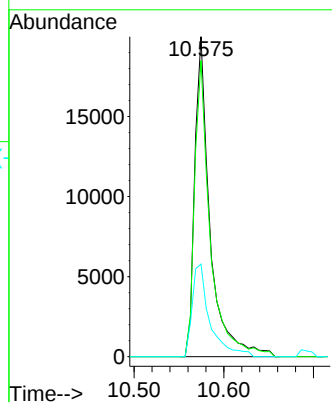
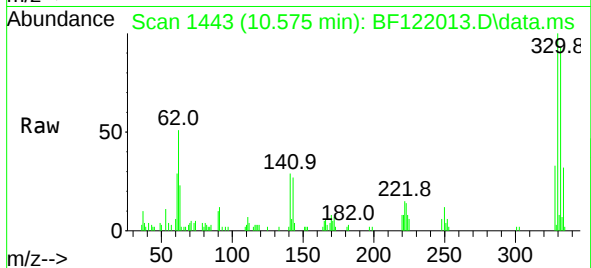




#42
2,4,6-Tribromophenol
Concen: 8.71 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

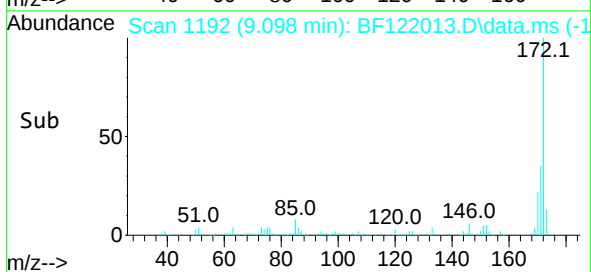
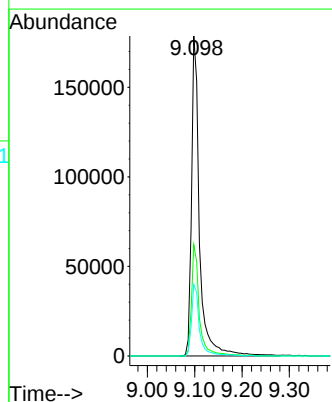
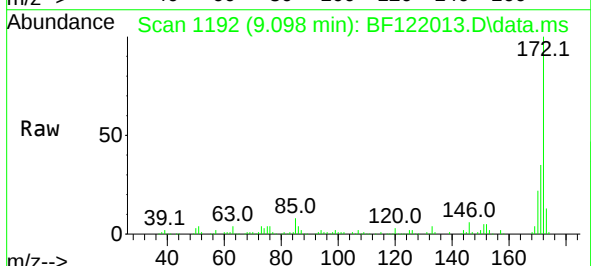
Instrument :
BNA_F
ClientSampleId :
CL-02-101520

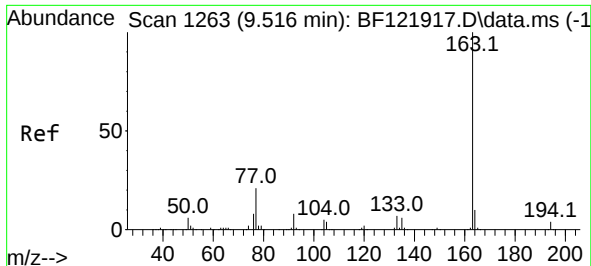
Tgt Ion:330 Resp: 23639
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 33.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 13.99 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:172 Resp: 208499
Ion Ratio Lower Upper
172 100
171 34.8 29.1 43.7
170 22.3 19.8 29.6

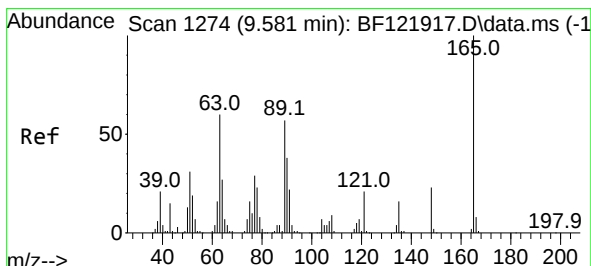
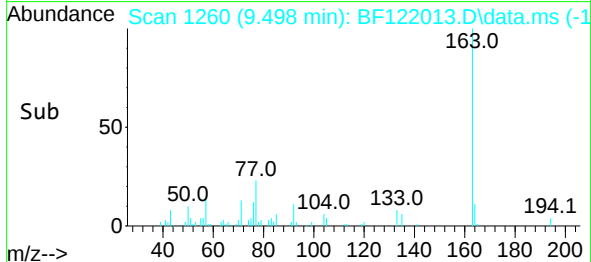
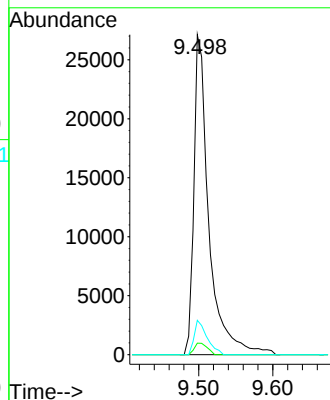
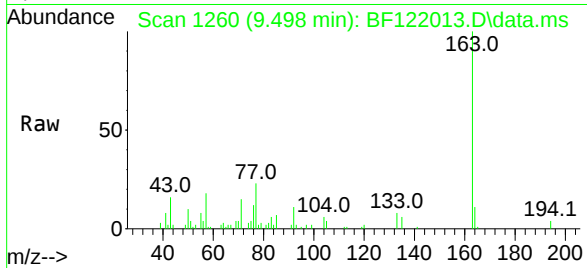




#50
Dimethylphthalate
Concen: 2.38 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

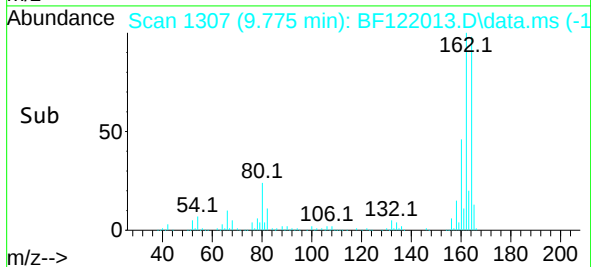
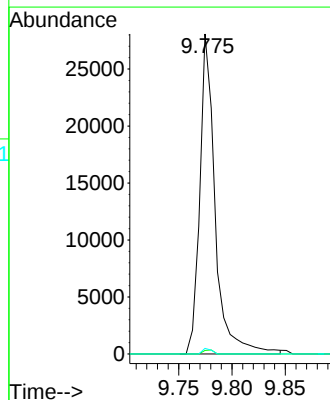
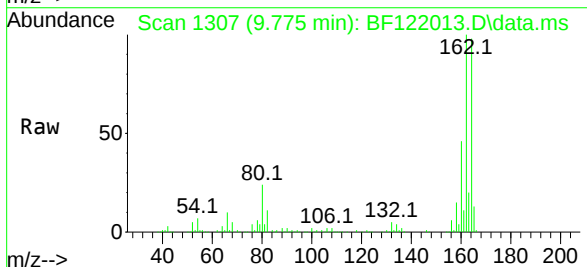
Instrument :
BNA_F
ClientSampleId :
CL-02-101520

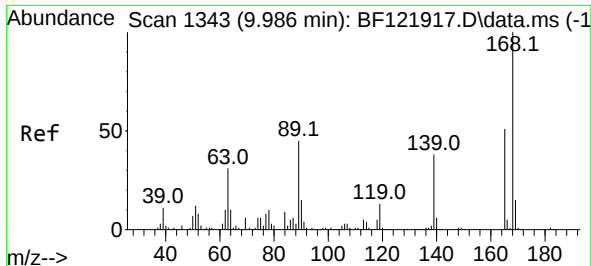
Tgt Ion:163 Resp: 38132
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.7 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:165 Resp: 28292
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.7 49.0 73.6#

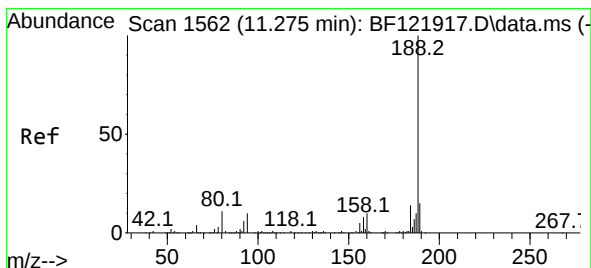
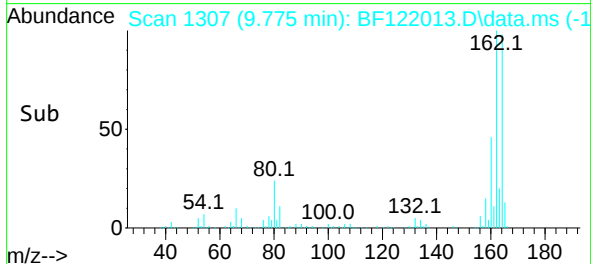
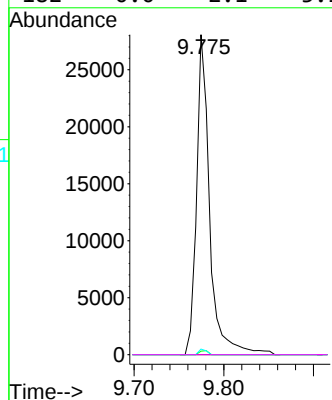
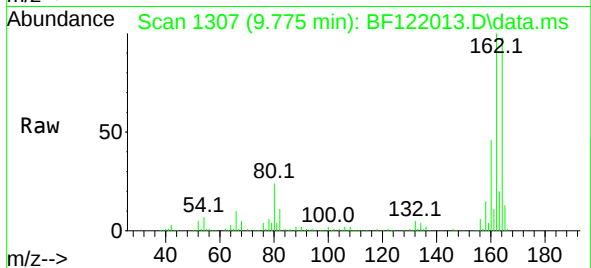




#57
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

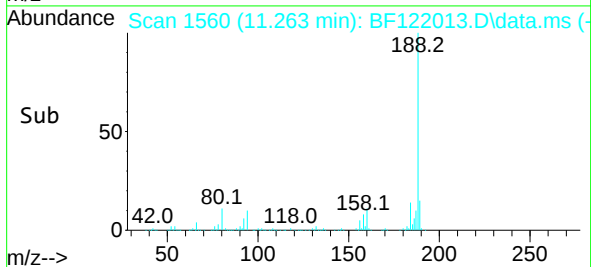
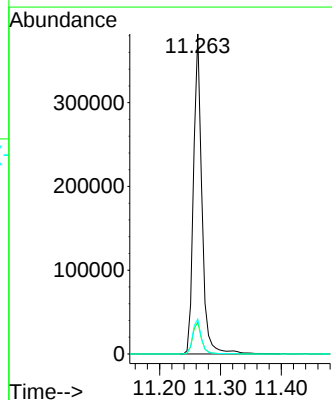
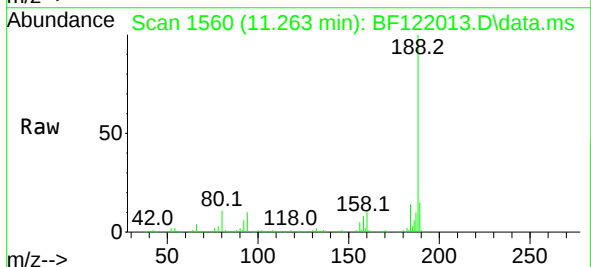
Instrument :
BNA_F
ClientSampleId :
CL-02-101520

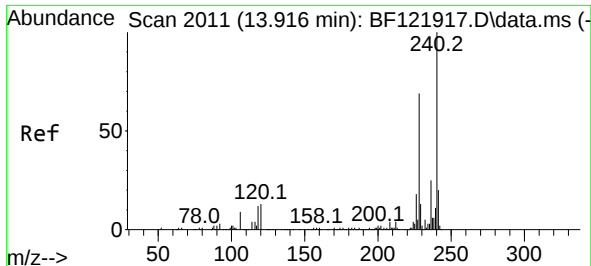
Tgt Ion:	165	Resp:	28401
Ion Ratio	Lower	Upper	
165	100		
63	1.1	41.3	61.9#
89	1.7	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:	188	Resp:	364952
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.3	12.5
80	10.9	9.1	13.7

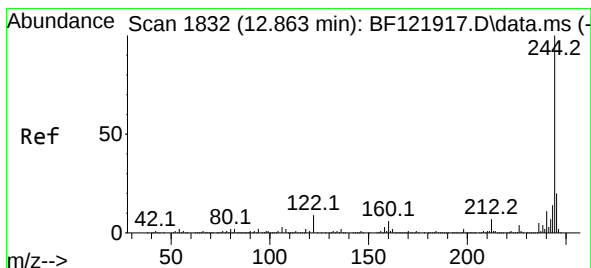
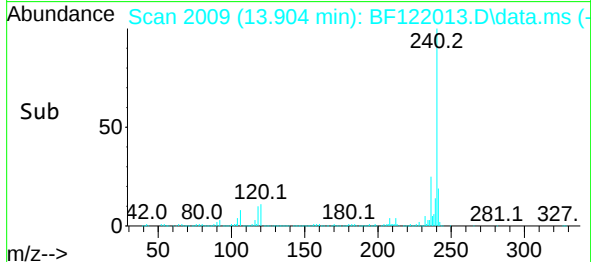
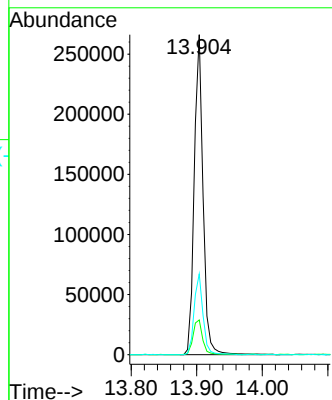
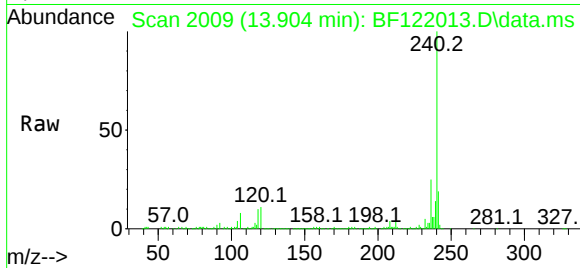




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

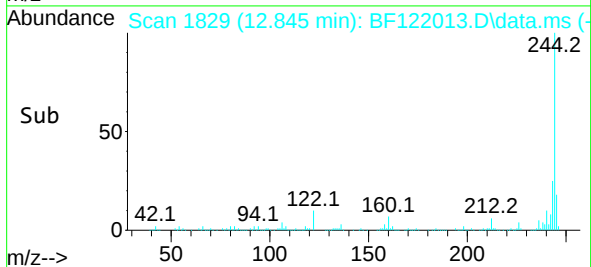
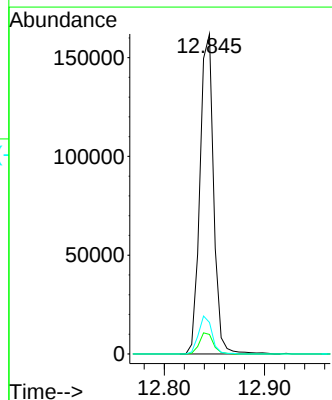
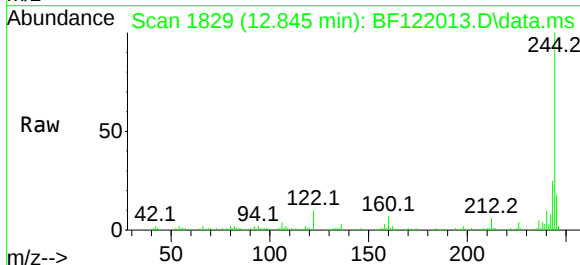
Instrument :
BNA_F
ClientSampleId :
CL-02-101520

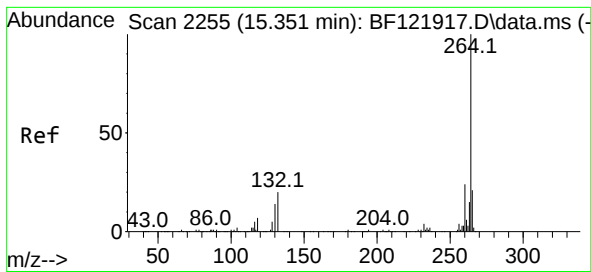
Tgt Ion:240 Resp: 249619
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 11.77 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

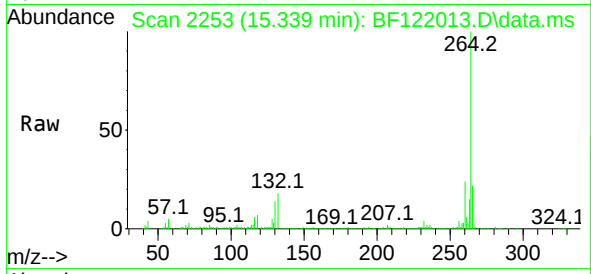
Tgt Ion:244 Resp: 154222
Ion Ratio Lower Upper
244 100
212 6.1 5.4 8.2
122 9.9 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Instrument :
BNA_F
ClientSampleId :
CL-02-101520



Tgt Ion:	264	Resp:	255137
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	21.8	17.3	25.9

