

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121947.D
 Acq On : 13 Oct 2020 19:50
 Operator : JU/CG
 Sample : L4369-04 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-2

Quant Time: Oct 14 02:07:42 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)

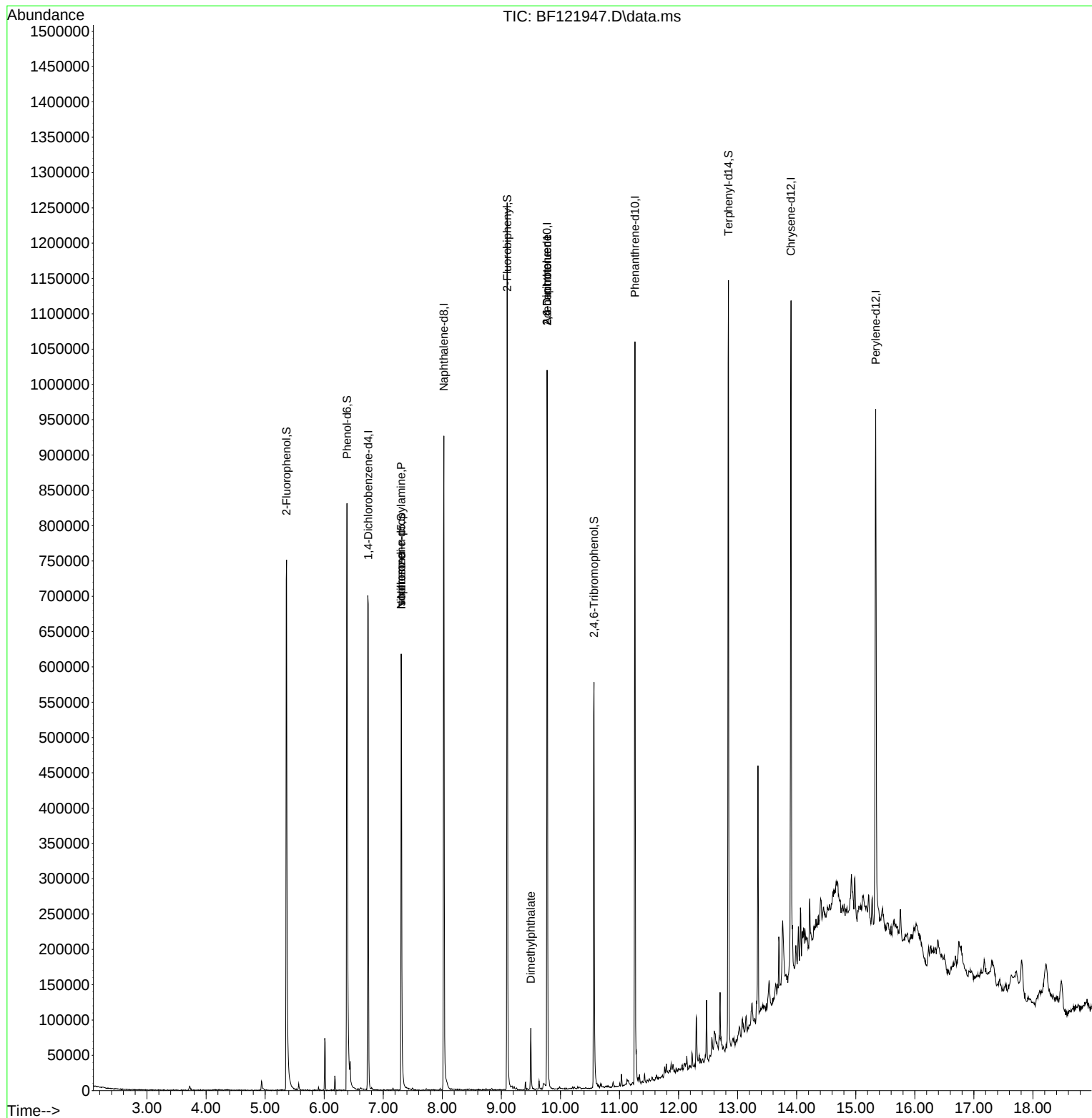
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	110644	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	417567	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	203949	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	355041	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	318612	20.00	ng	-0.01
86) Perylene-d12	15.339	264	306491	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	263912	35.20	ng	0.00
7) Phenol-d6	6.387	99	327203	33.91	ng	-0.01
23) Nitrobenzene-d5	7.304	82	216600	26.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	79078	31.34	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	369943	26.69	ng	-0.01
79) Terphenyl-d14	12.845	244	326451	19.53	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.316	77	233	Below Cal	Qvalue #	3
19) n-Nitroso-di-n-propyla...	7.304	70	27401	4.99 ng	#	81
25) Isophorone	7.304	82	216599	14.07 ng	#	67
50) Dimethylphthalate	9.498	163	37430	2.51 ng		100
51) 2,6-Dinitrotoluene	9.775	165	25611	7.83 ng	#	21
57) 2,4-Dinitrotoluene	9.775	165	25611	6.36 ng	#	20

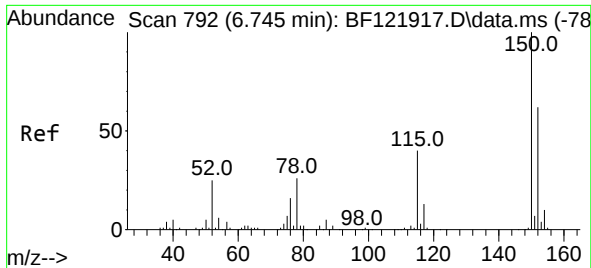
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

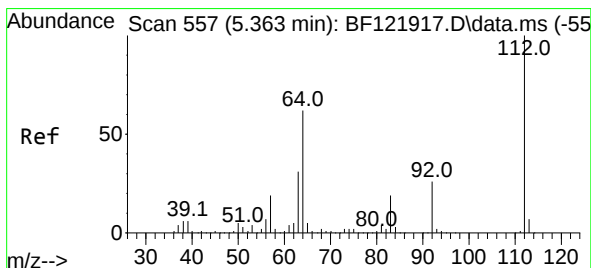
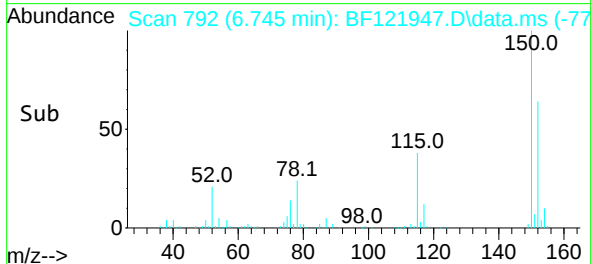
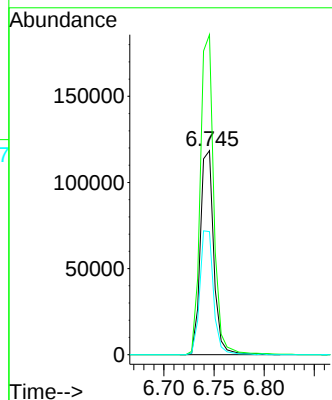
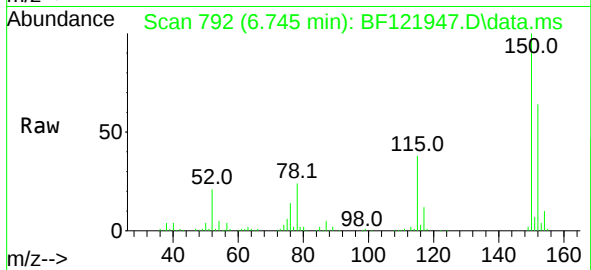




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.745 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: BF121947.D
 Acq: 13 Oct 2020 19:50

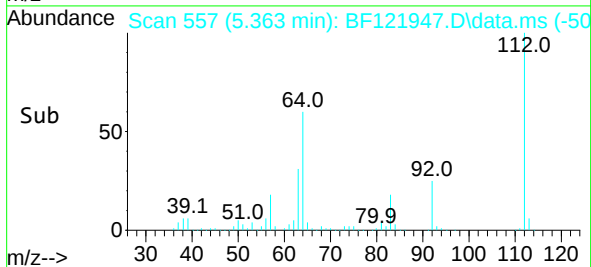
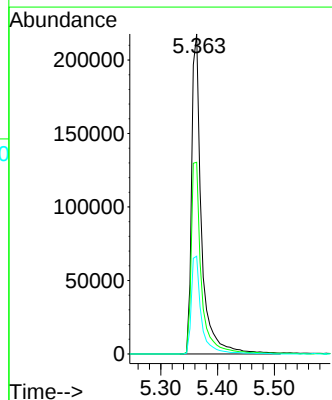
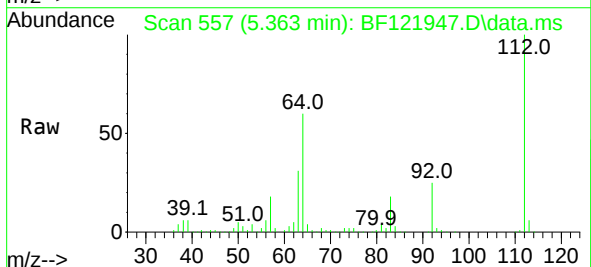
Instrument :
 BNA_F
 ClientSampleId :
 HD-2

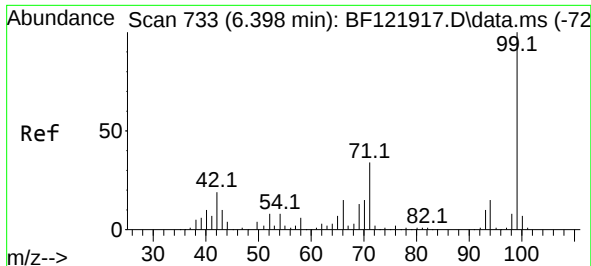
Tgt Ion:152 Resp: 110644
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.3 187.9
 115 60.3 51.9 77.9



#5
 2-Fluorophenol
 Concen: 35.20 ng
 RT: 5.363 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: BF121947.D
 Acq: 13 Oct 2020 19:50

Tgt Ion:112 Resp: 263912
 Ion Ratio Lower Upper
 112 100
 64 59.9 50.4 75.6
 63 30.6 25.8 38.6

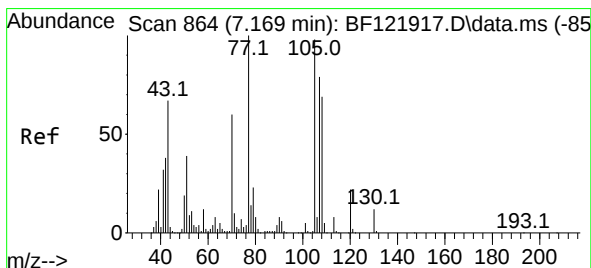
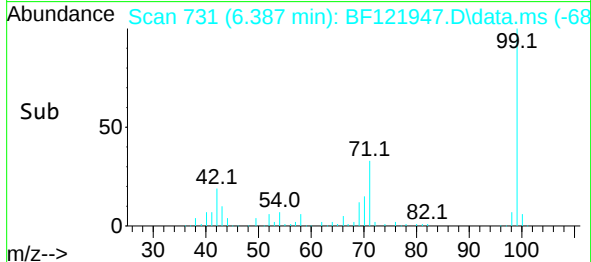
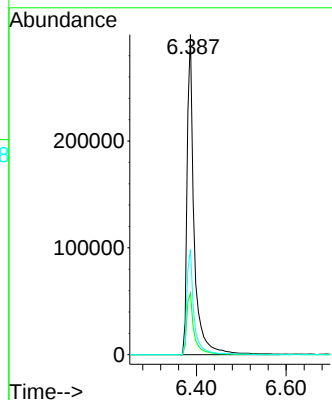
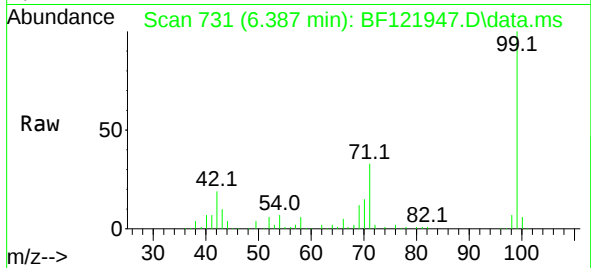




#7
Phenol-d6
Concen: 33.91 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

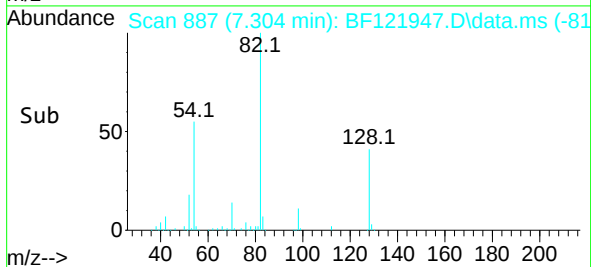
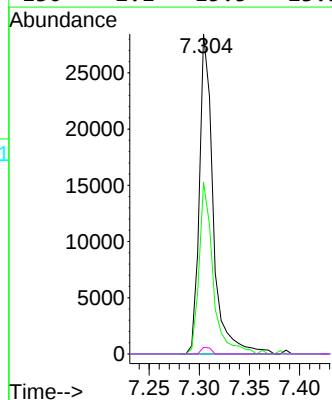
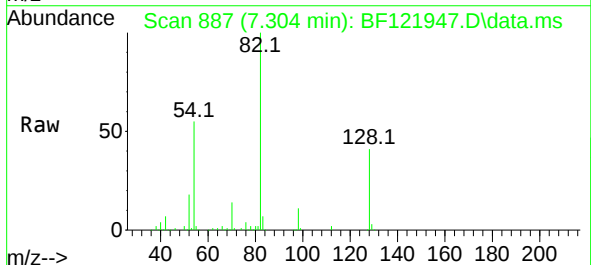
Instrument :
BNA_F
ClientSampleId :
HD-2

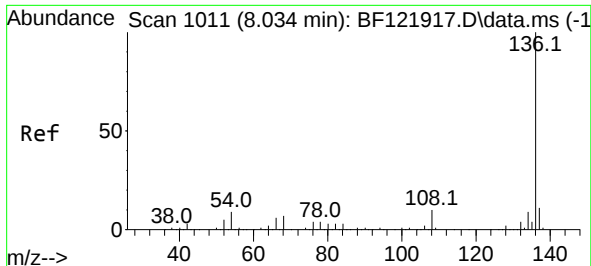
Tgt Ion: 99 Resp: 327203
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 33.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 4.99 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.135 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

Tgt Ion: 70 Resp: 27401
Ion Ratio Lower Upper
70 100
42 53.6 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

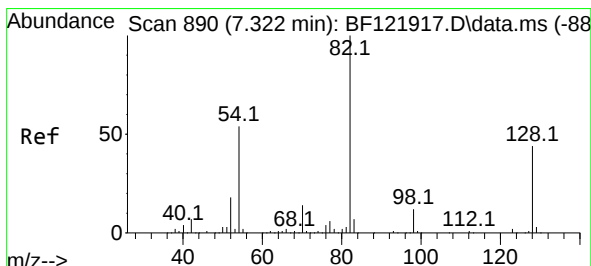
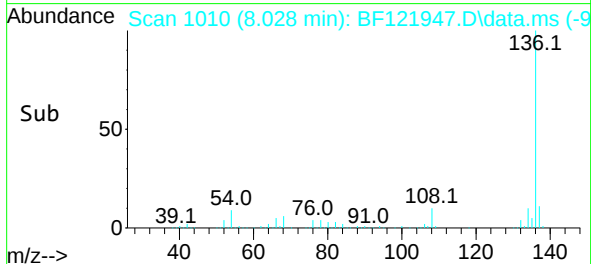
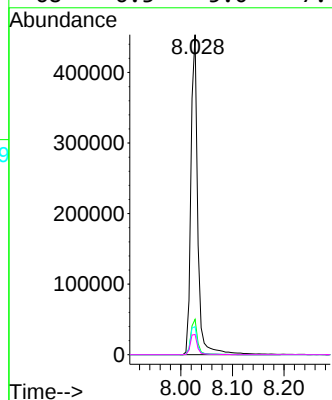
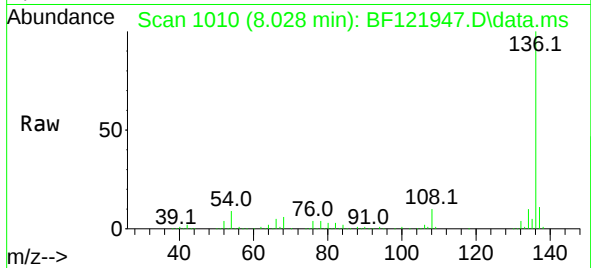




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

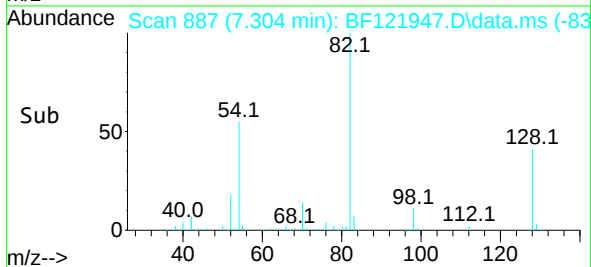
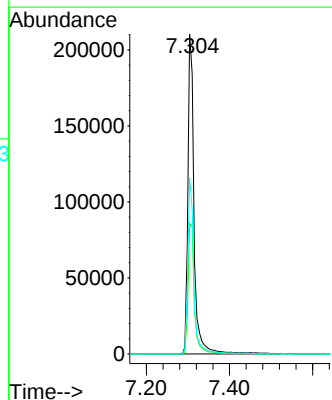
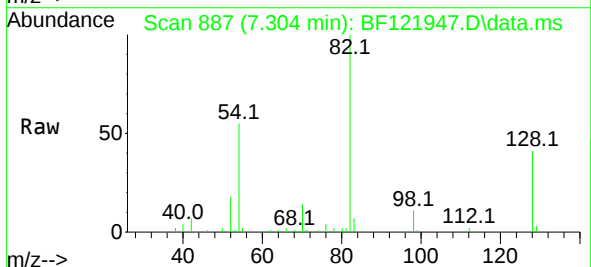
Instrument :
BNA_F
ClientSampled :
HD-2

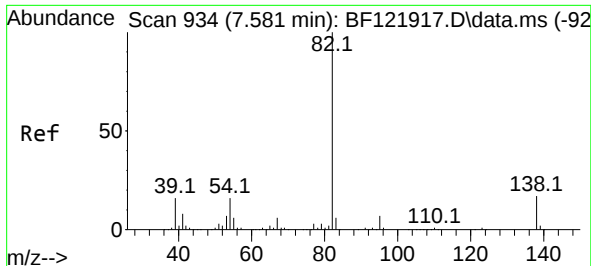
Tgt Ion:136 Resp: 417567
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.7 7.1 10.7
68 6.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 26.60 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.018 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

Tgt Ion: 82 Resp: 216600
Ion Ratio Lower Upper
82 100
128 40.8 35.0 52.4
54 55.0 43.9 65.9

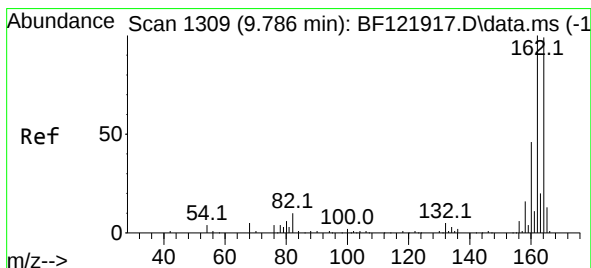
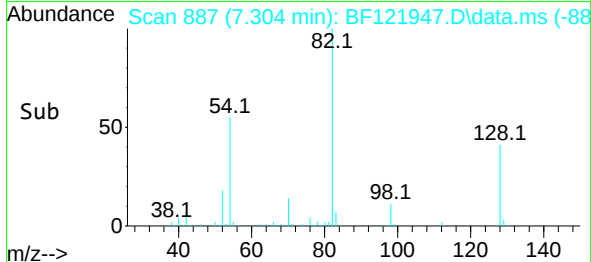
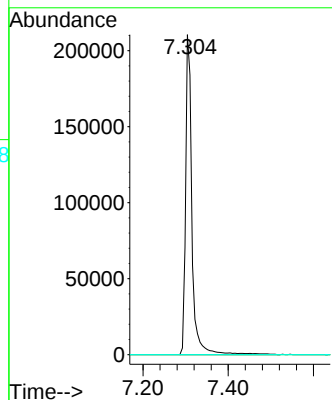
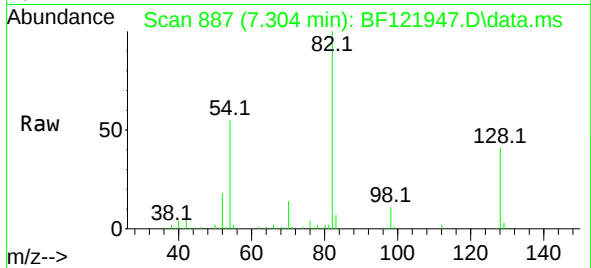




#25
Isophorone
Concen: 14.07 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.276 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

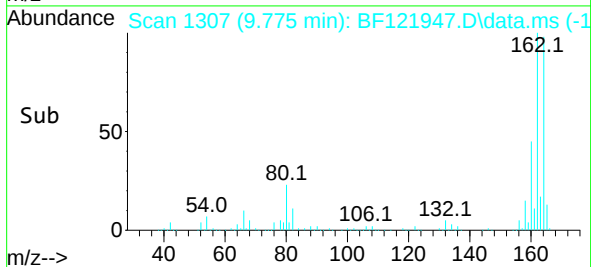
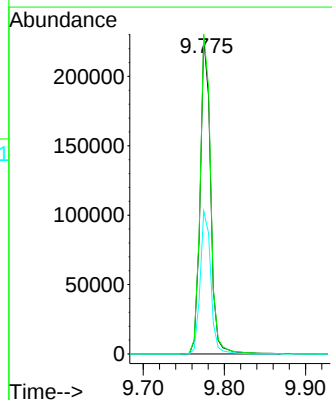
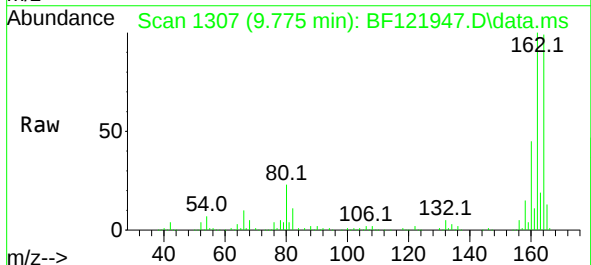
Instrument :
BNA_F
ClientSampleId :
HD-2

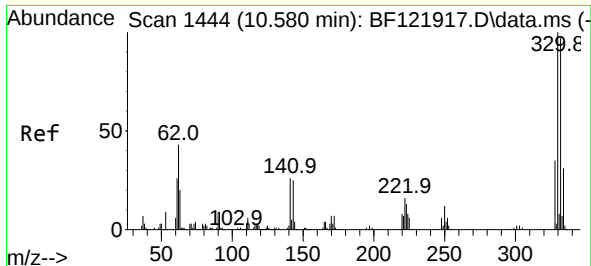
Tgt Ion: 82 Resp: 216599
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

Tgt Ion:164 Resp: 203949
Ion Ratio Lower Upper
164 100
162 101.2 83.2 124.8
160 45.2 37.5 56.3

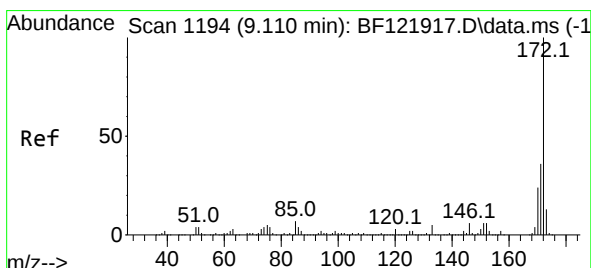
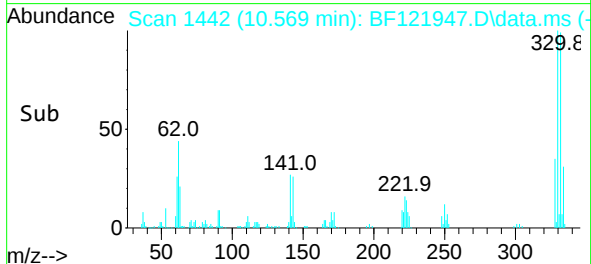
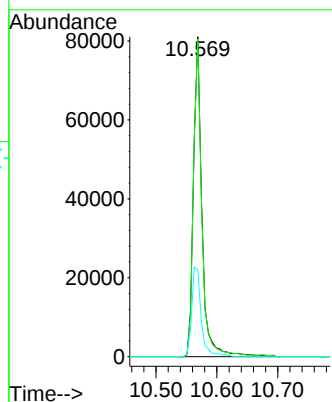
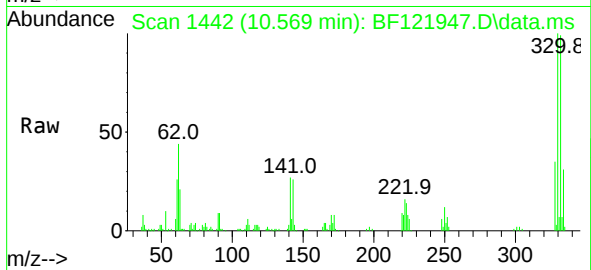




#42
2,4,6-Tribromophenol
Concen: 31.34 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

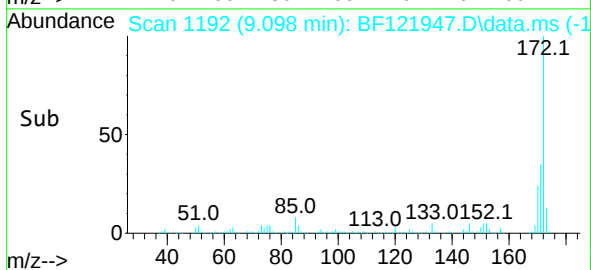
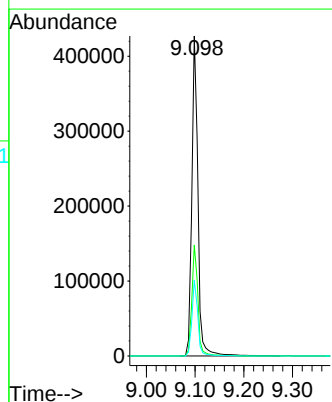
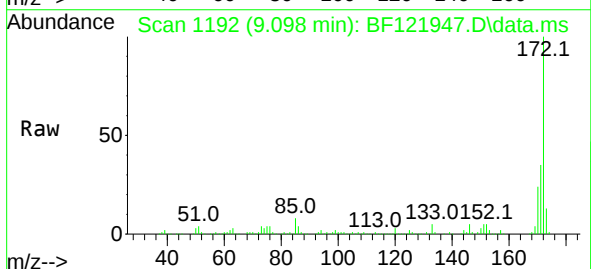
Instrument :
BNA_F
ClientSampleId :
HD-2

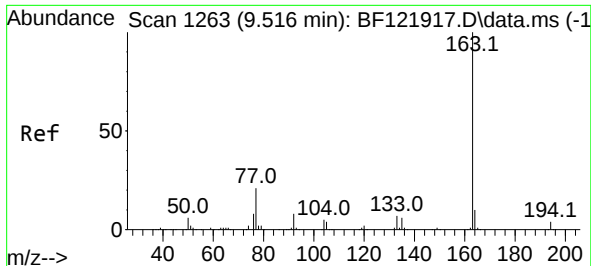
Tgt Ion: 330 Resp: 79078
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 31.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 26.69 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

Tgt Ion: 172 Resp: 369943
Ion Ratio Lower Upper
172 100
171 34.7 29.1 43.7
170 23.7 19.8 29.6

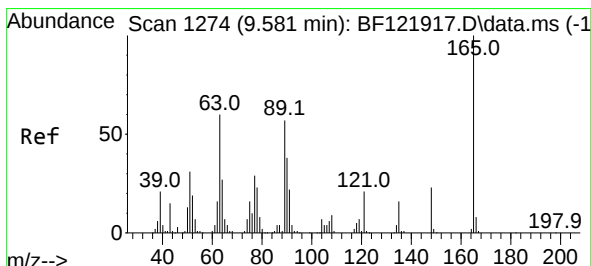
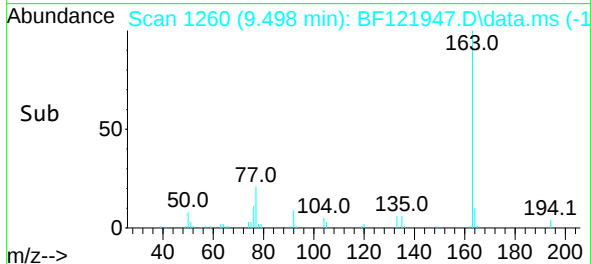
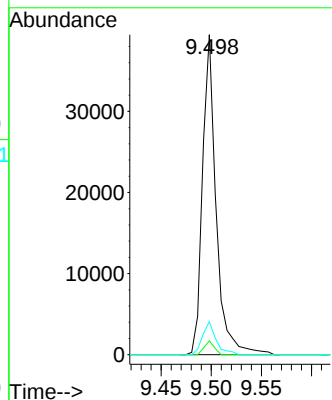
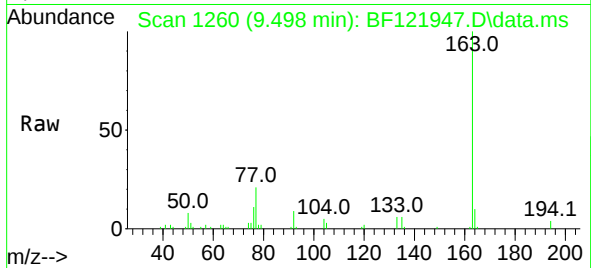




#50
Dimethylphthalate
Concen: 2.51 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

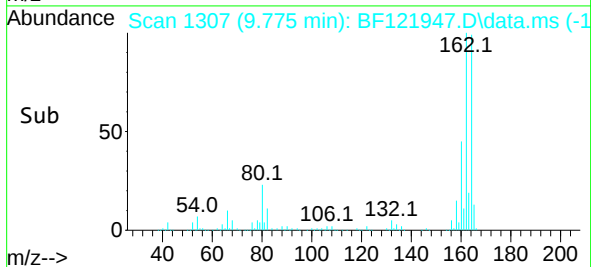
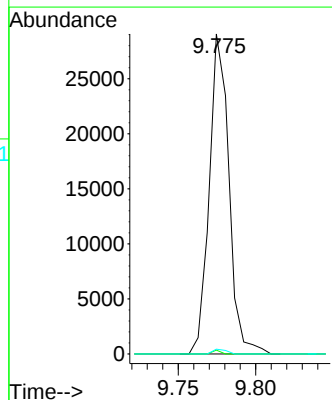
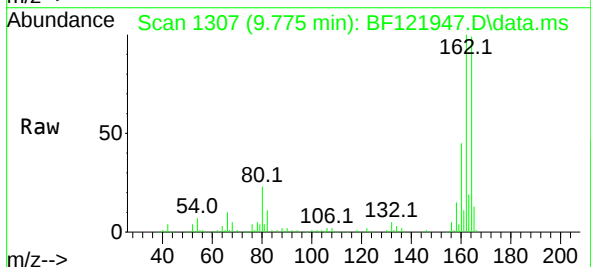
Instrument :
BNA_F
ClientSampled :
HD-2

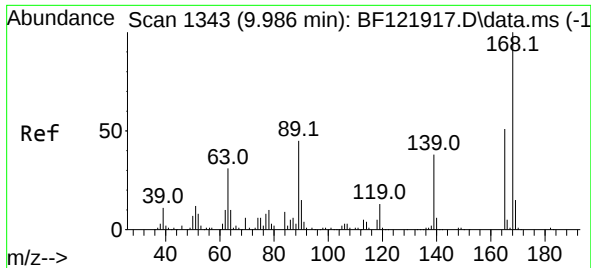
Tgt Ion:163 Resp: 37430
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

Tgt Ion:165 Resp: 25611
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.5 49.0 73.6#

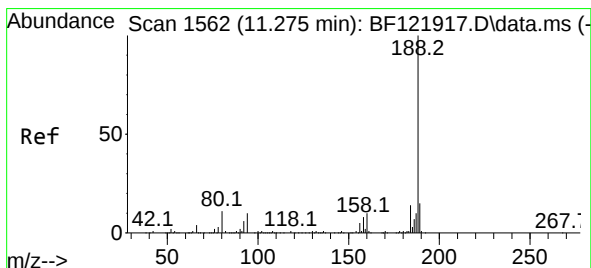
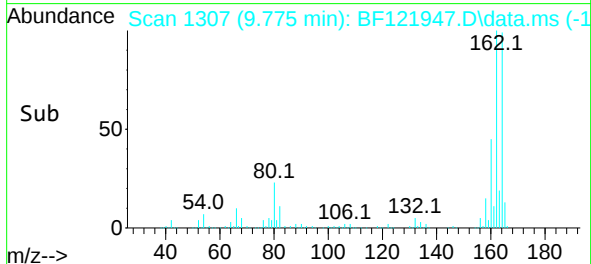
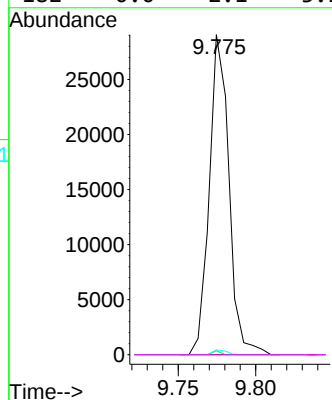
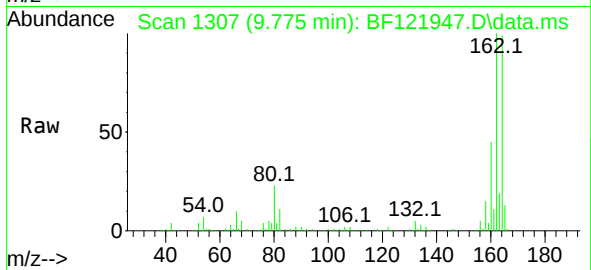




#57
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

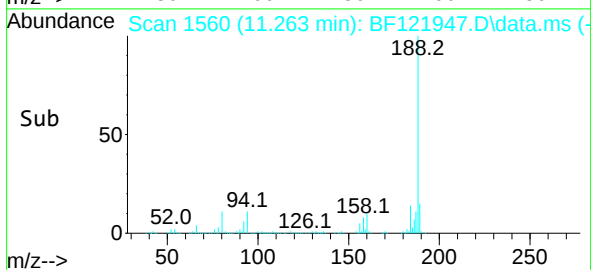
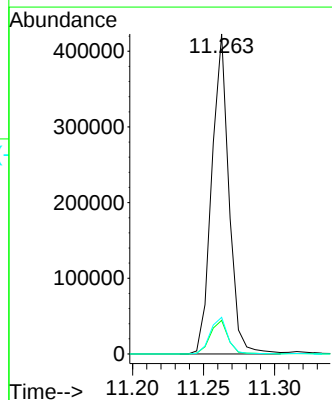
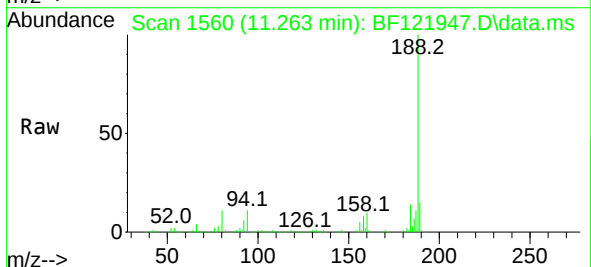
Instrument :
BNA_F
ClientSampled :
HD-2

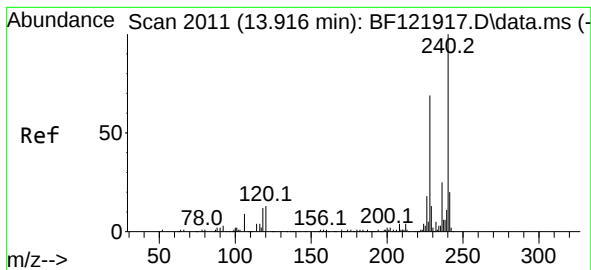
Tgt Ion:	165	Resp:	25611
Ion Ratio	Lower	Upper	
165	100		
63	1.2	41.3	61.9#
89	1.5	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

Tgt Ion:	188	Resp:	355041
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.3	12.5
80	11.5	9.1	13.7

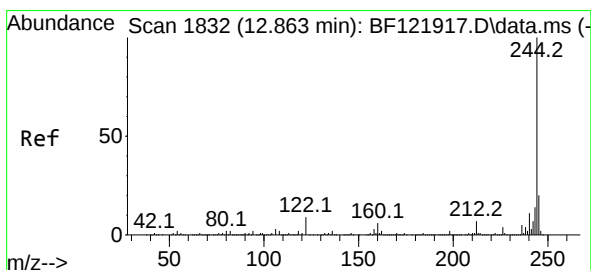
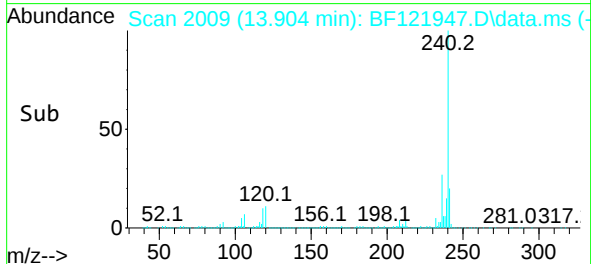
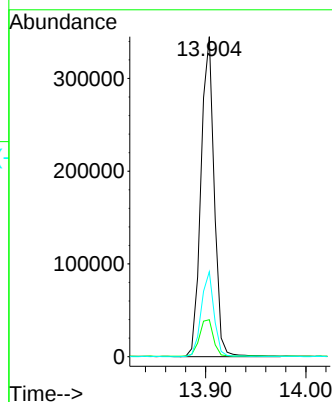
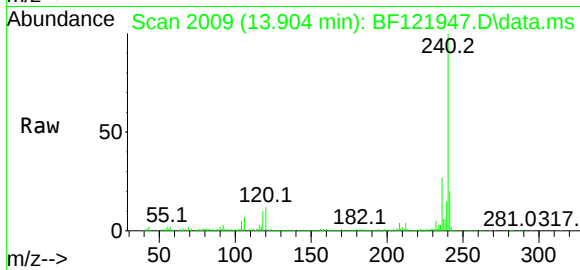




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

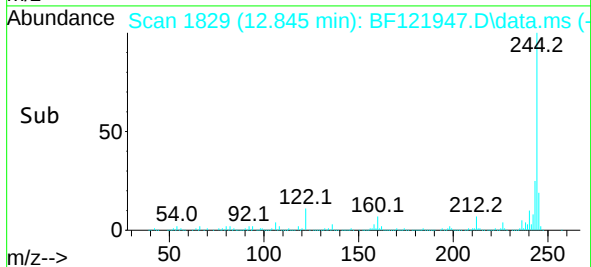
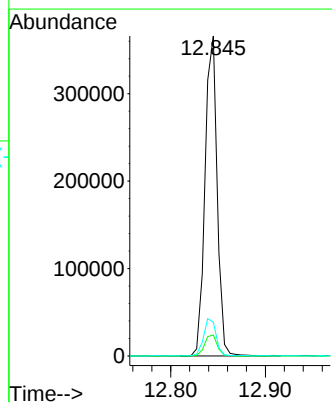
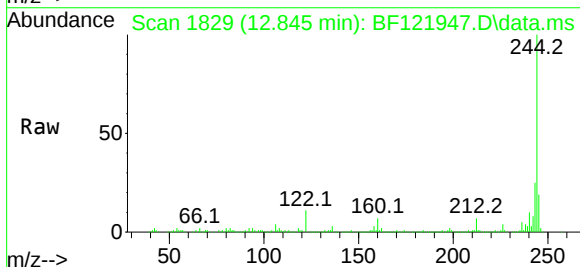
Instrument :
BNA_F
ClientSampleId :
HD-2

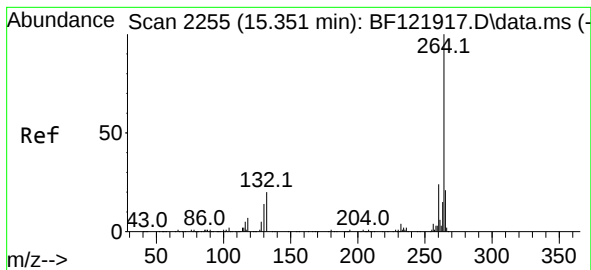
Tgt Ion:240 Resp: 318612
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.5 20.9 31.3



#79
Terphenyl-d14
Concen: 19.53 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121947.D
Acq: 13 Oct 2020 19:50

Tgt Ion:244 Resp: 326451
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 10.6 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. -0.012 min
 Lab File: BF121947.D
 Acq: 13 Oct 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 HD-2

Tgt Ion:264 Resp: 306491
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.4 17.3 25.9

