

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
 Data File : BF121927.D
 Acq On : 12 Oct 2020 19:47
 Operator : JU/CG
 Sample : L4339-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QUAD-2

Quant Time: Oct 13 00:31:36 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)

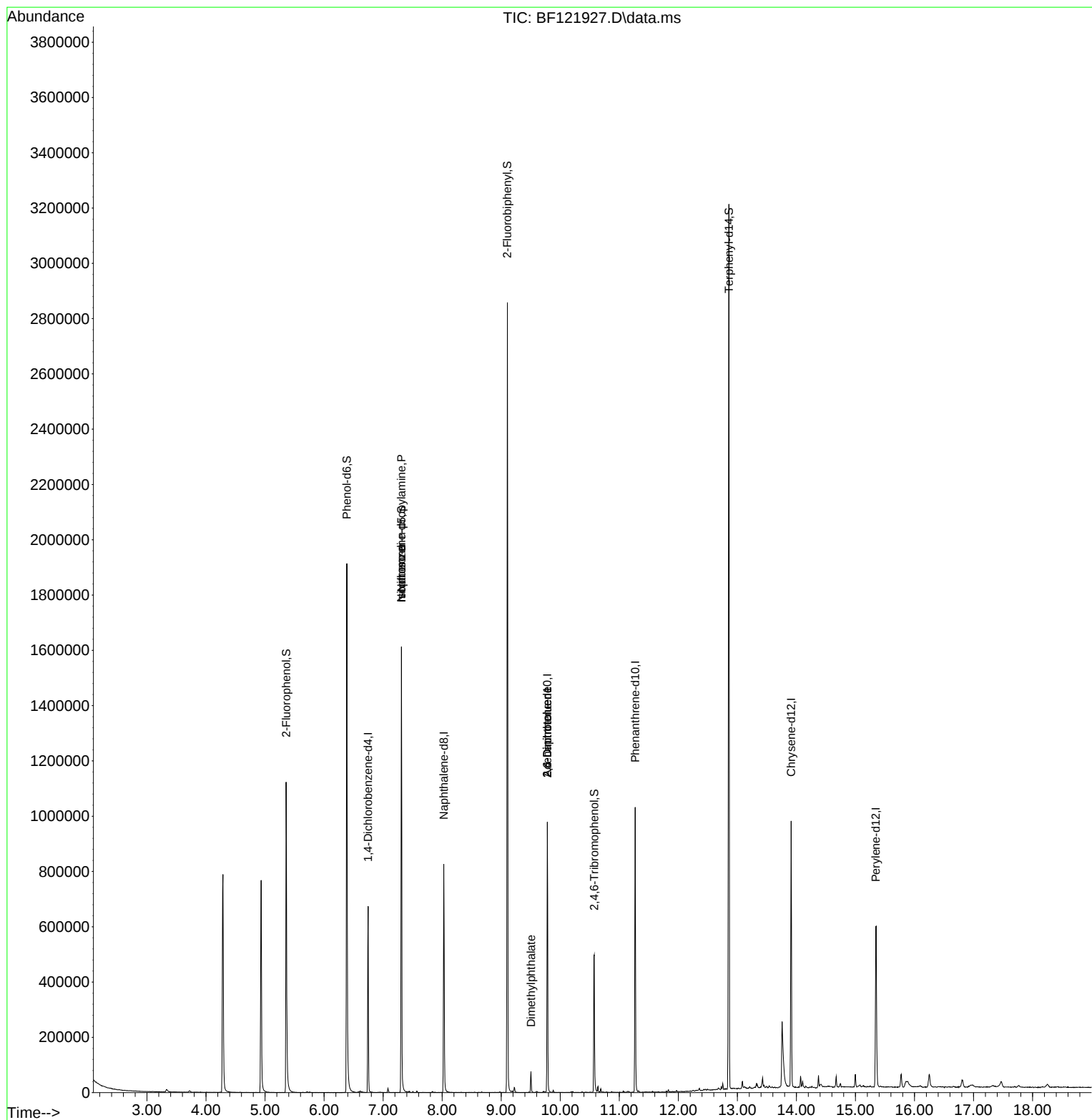
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	95847	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	371334	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	189718	20.00	ng	0.00
64) Phenanthrene-d10	11.269	188	367892	20.00	ng	0.00
76) Chrysene-d12	13.910	240	319658	20.00	ng	0.00
86) Perylene-d12	15.345	264	269999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	321731	49.54	ng	0.00
7) Phenol-d6	6.386	99	626267	74.91	ng	-0.01
23) Nitrobenzene-d5	7.310	82	491798	67.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	68493	29.19	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	869739	67.45	ng	0.00
79) Terphenyl-d14	12.857	244	998989	59.56	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.386	77	743	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	63304	13.30	ng	# 80
25) Isophorone	7.310	82	491794	35.92	ng	# 67
50) Dimethylphthalate	9.504	163	32653	2.35	ng	100
51) 2,6-Dinitrotoluene	9.780	165	24403	8.02	ng	# 21
57) 2,4-Dinitrotoluene	9.780	165	24403	6.51	ng	# 20

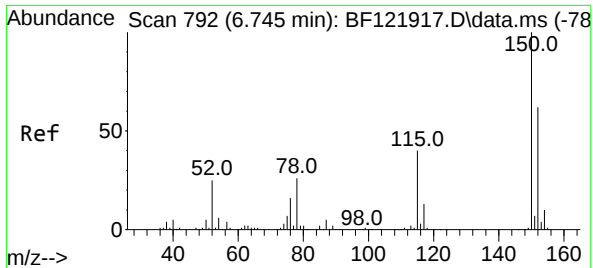
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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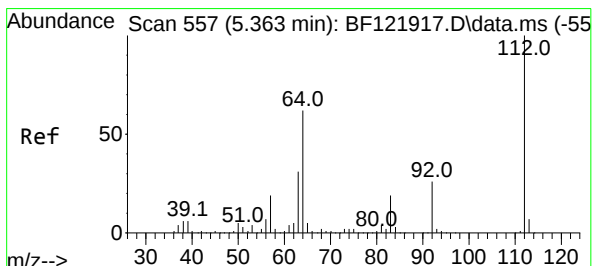
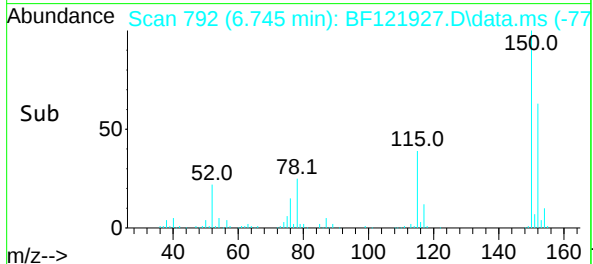
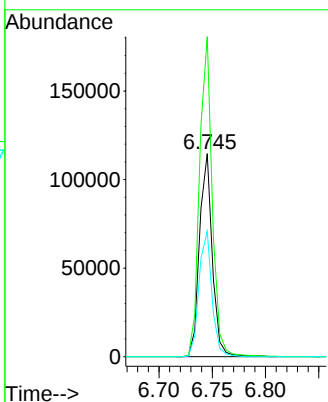
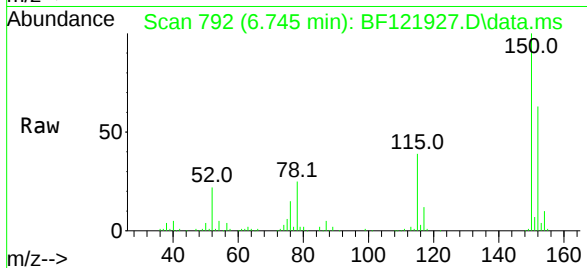




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

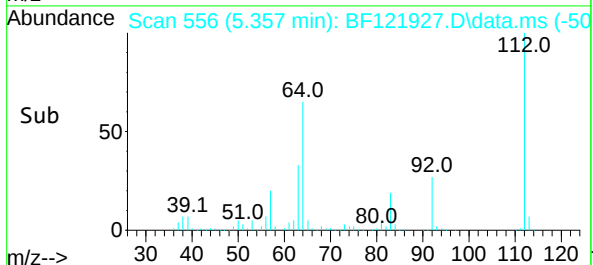
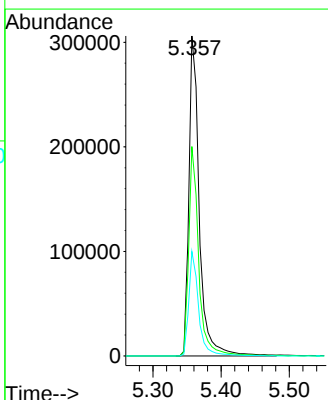
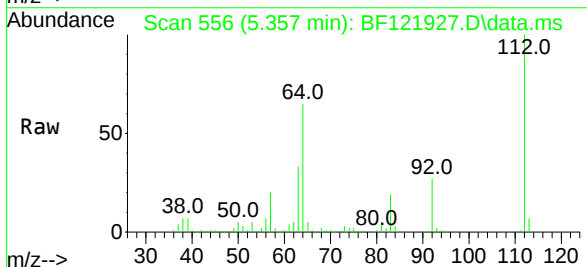
Instrument :
BNA_F
ClientSampleId :
QUAD-2

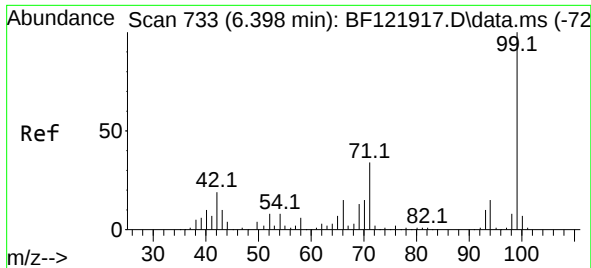
Tgt Ion:152 Resp: 95847
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 61.7 51.9 77.9



#5
2-Fluorophenol
Concen: 49.54 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

Tgt Ion:112 Resp: 321731
Ion Ratio Lower Upper
112 100
64 65.4 50.4 75.6
63 32.6 25.8 38.6

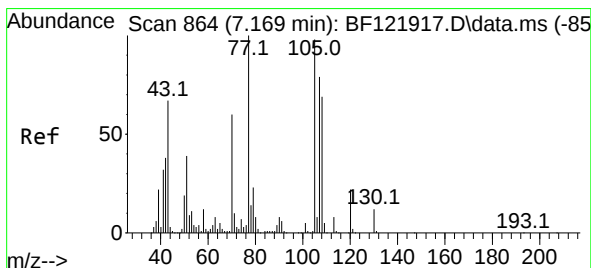
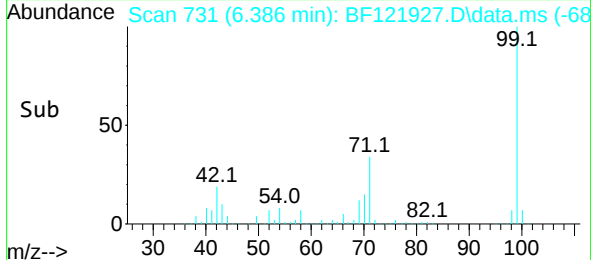
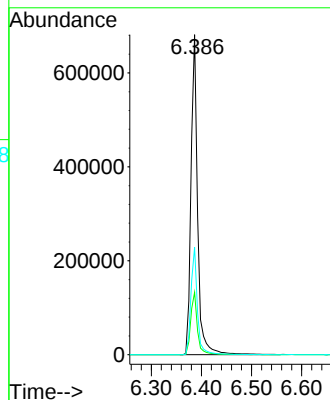
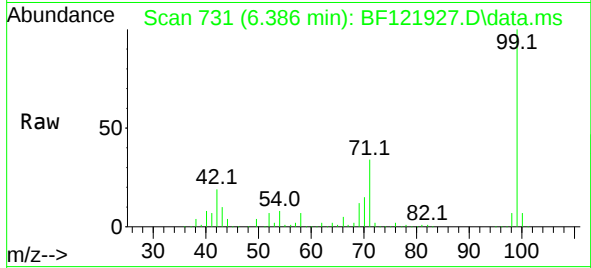




#7
Phenol-d6
Concen: 74.91 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

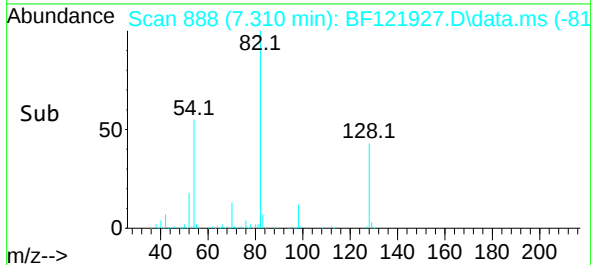
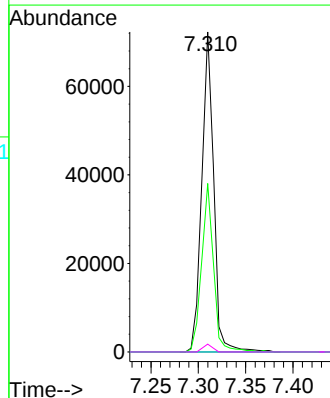
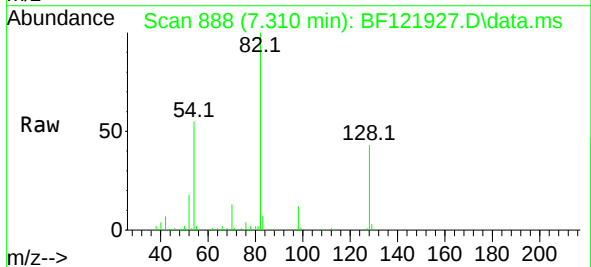
Instrument :
BNA_F
ClientSampled :
QUAD-2

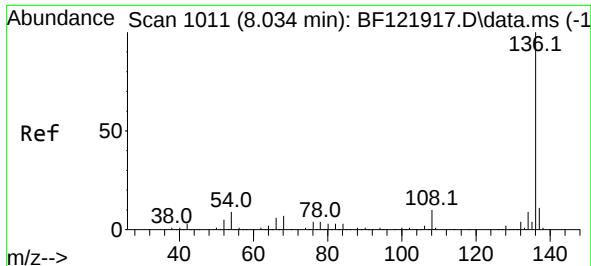
Tgt Ion: 99 Resp: 626267
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 33.6 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.30 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

Tgt Ion: 70 Resp: 63304
Ion Ratio Lower Upper
70 100
42 52.7 50.2 75.4
101 0.0 7.5 11.3#
130 2.4 15.5 23.3#



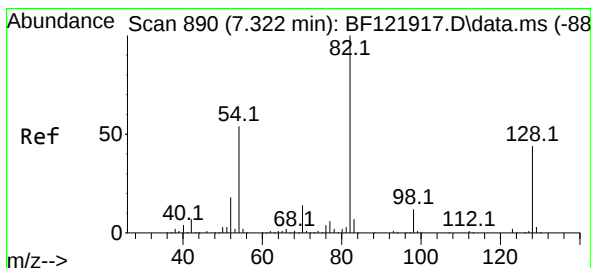
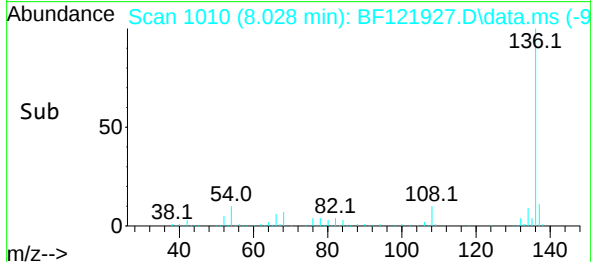
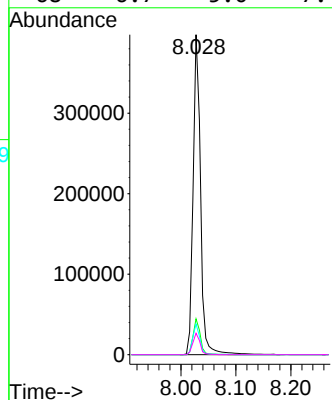
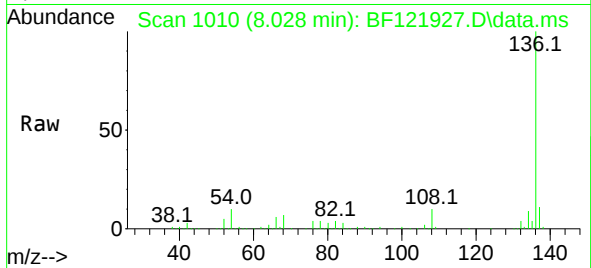


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

Instrument :
BNA_F
ClientSampleId :
QUAD-2

Tgt Ion:136 Resp: 371334

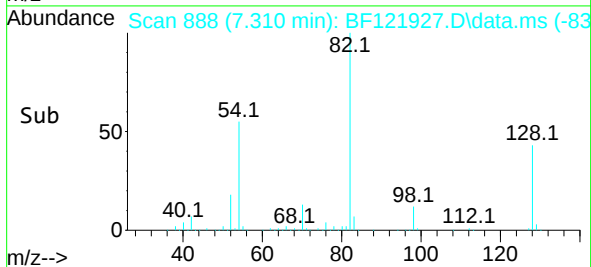
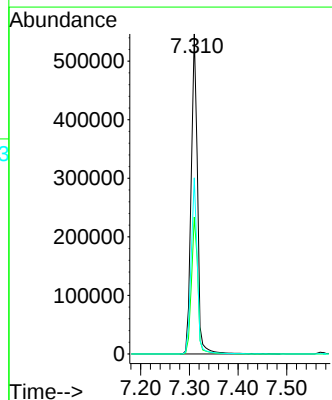
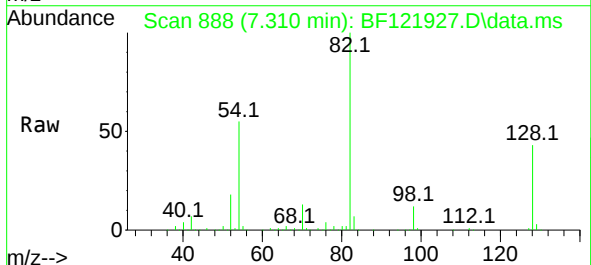
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.5	7.1	10.7
68	6.7	5.0	7.4

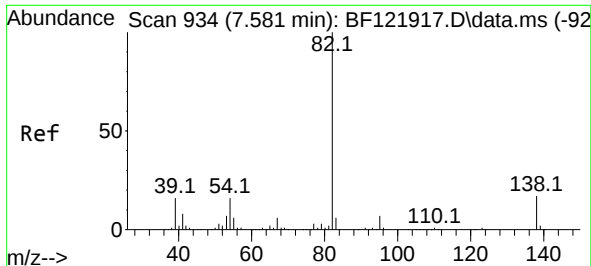


#23
Nitrobenzene-d5
Concen: 67.92 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

Tgt Ion: 82 Resp: 491798

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.0	52.4
54	55.0	43.9	65.9

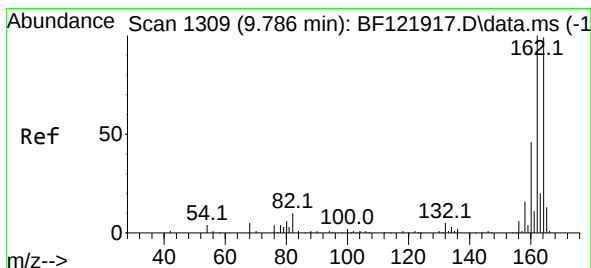
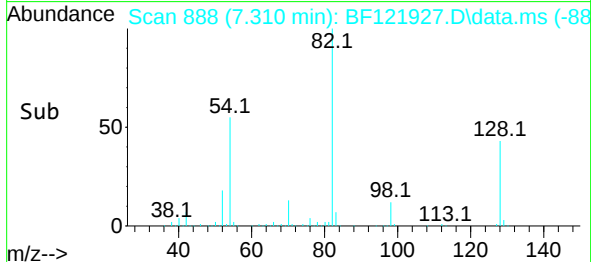
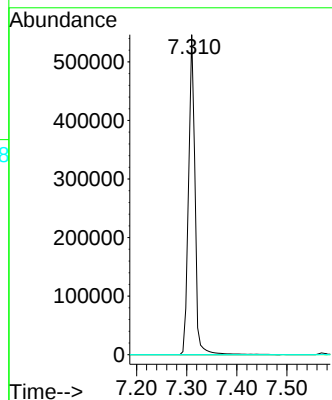
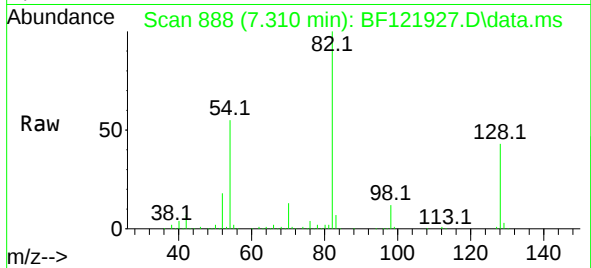




#25
Isophorone
Concen: 35.92 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

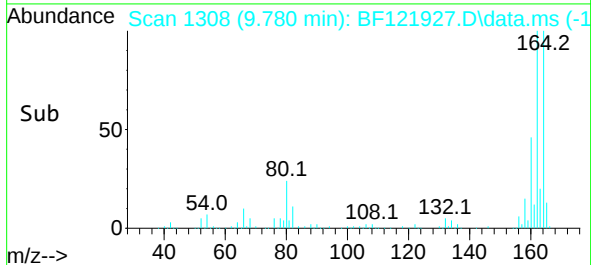
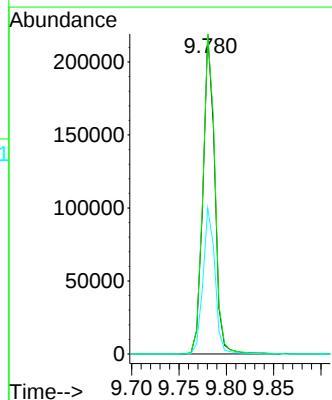
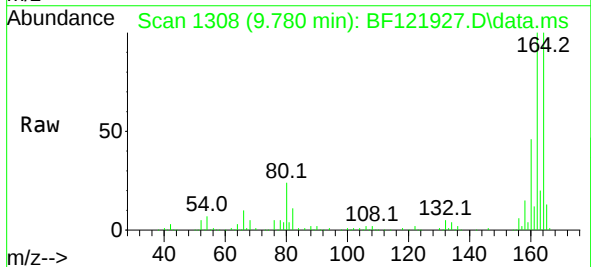
Instrument :
BNA_F
ClientSampleId :
QUAD-2

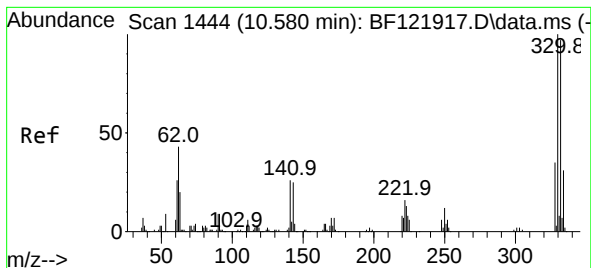
Tgt Ion: 82 Resp: 491794
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

Tgt Ion: 164 Resp: 189718
Ion Ratio Lower Upper
164 100
162 100.1 83.2 124.8
160 45.7 37.5 56.3

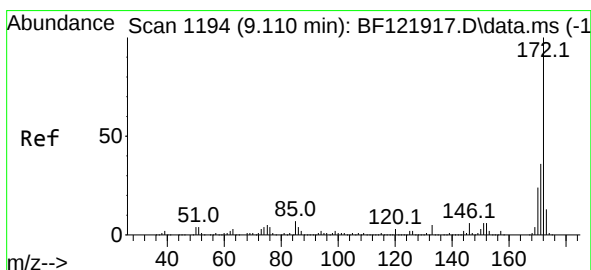
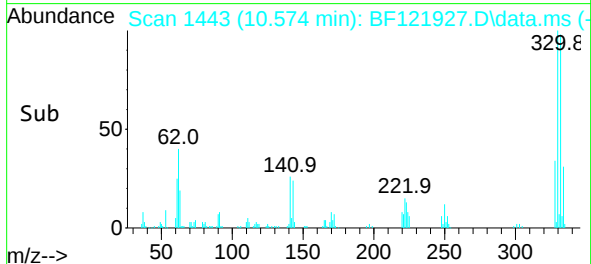
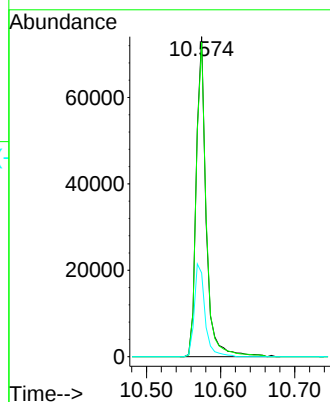
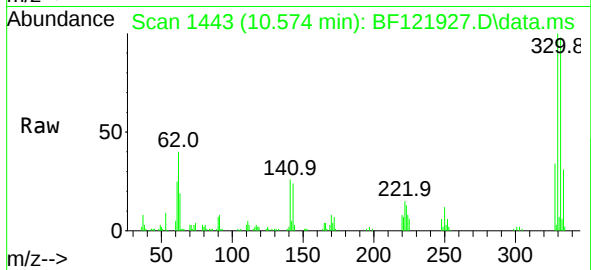




#42
2,4,6-Tribromophenol
Concen: 29.19 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

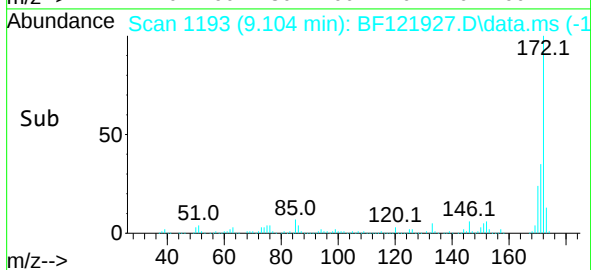
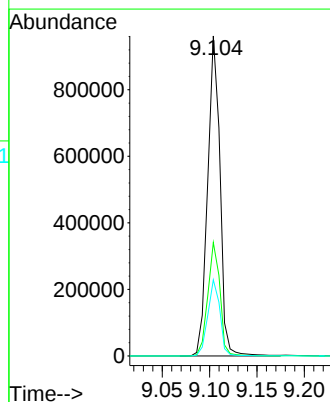
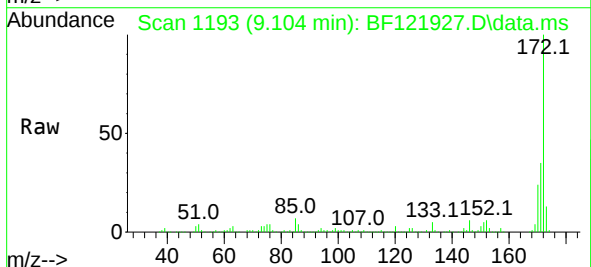
Instrument :
BNA_F
ClientSampled :
QUAD-2

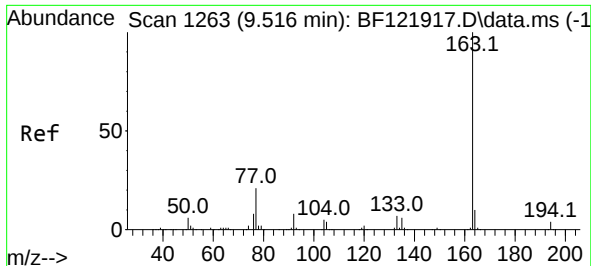
Tgt Ion:330 Resp: 68493
Ion Ratio Lower Upper
330 100
332 99.0 77.3 115.9
141 31.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 67.45 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

Tgt Ion:172 Resp: 869739
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.8 19.8 29.6

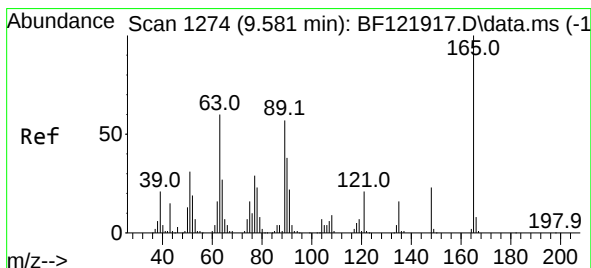
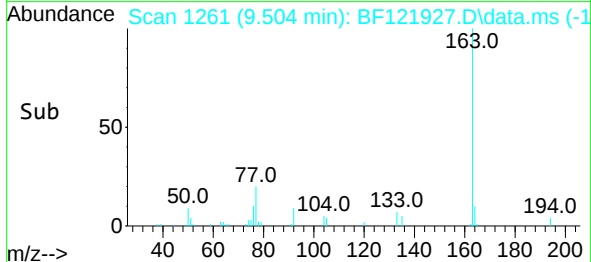
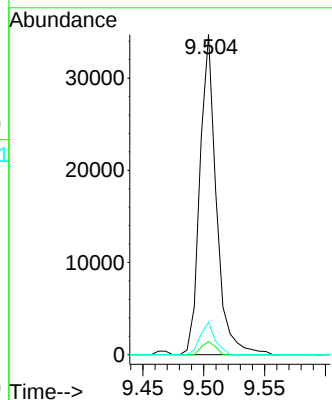
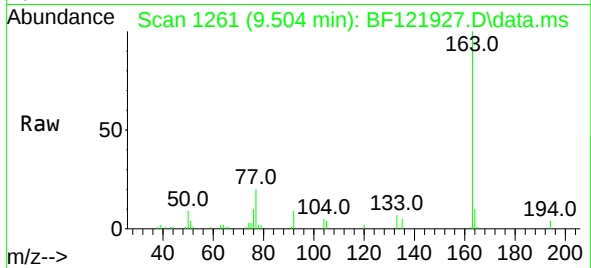




#50
Dimethylphthalate
Concen: 2.35 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

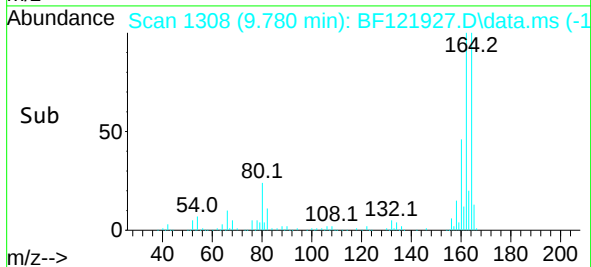
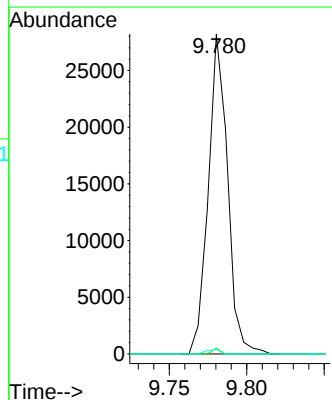
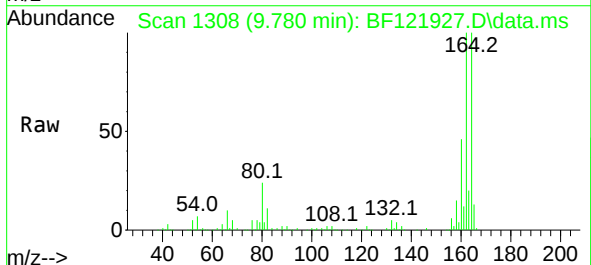
Instrument :
BNA_F
ClientSampled :
QUAD-2

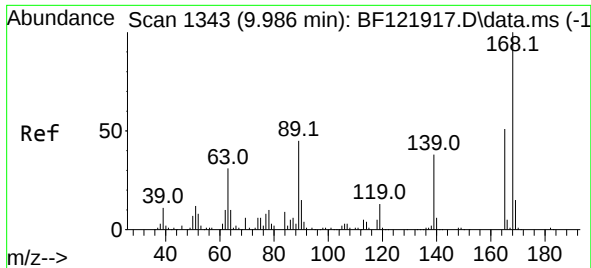
Tgt Ion:163 Resp: 32653
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 8.02 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.200 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

Tgt Ion:165 Resp: 24403
Ion Ratio Lower Upper
165 100
63 1.8 51.8 77.6#
89 1.4 49.0 73.6#

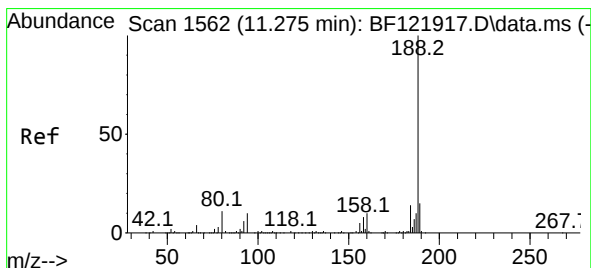
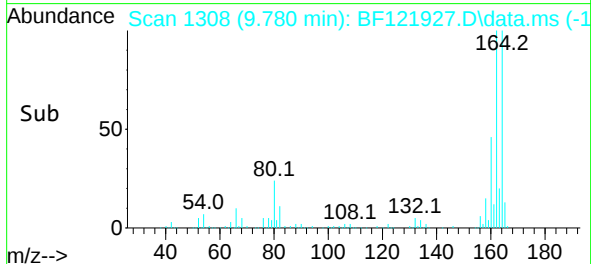
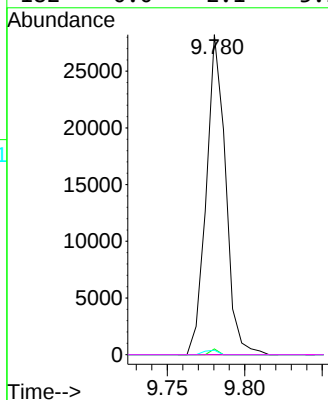
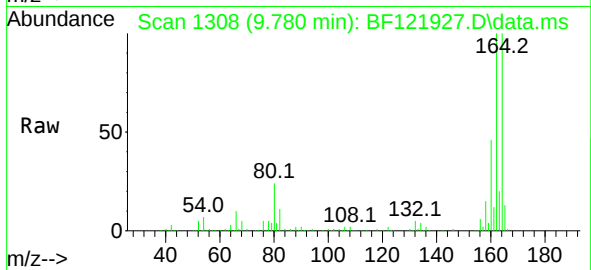




#57
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.206 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

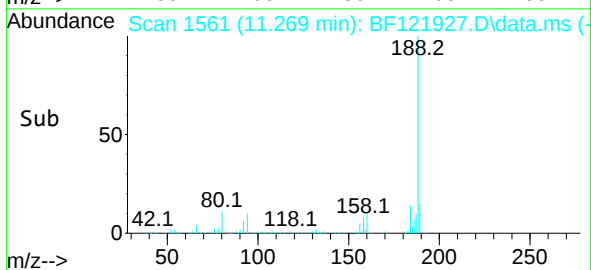
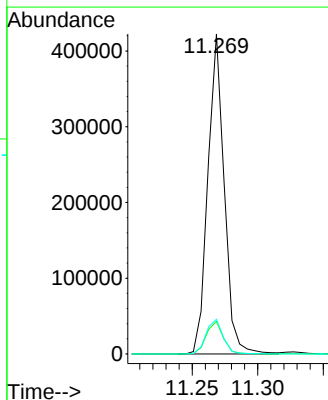
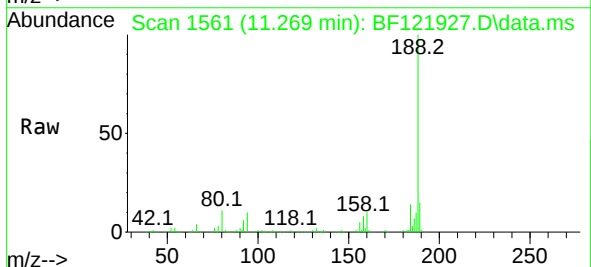
Instrument :
BNA_F
ClientSampleId :
QUAD-2

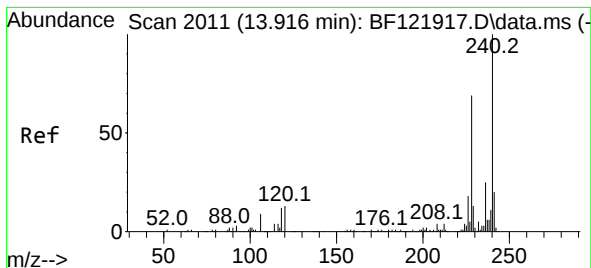
Tgt Ion:	165	Resp:	24403
Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.3	61.9#
89	1.4	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.007 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

Tgt Ion:	188	Resp:	367892
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	10.8	9.1	13.7

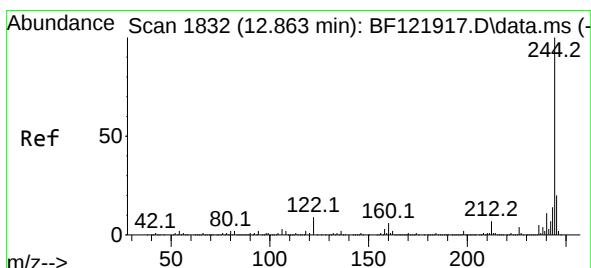
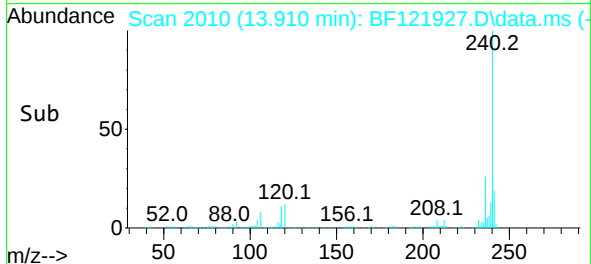
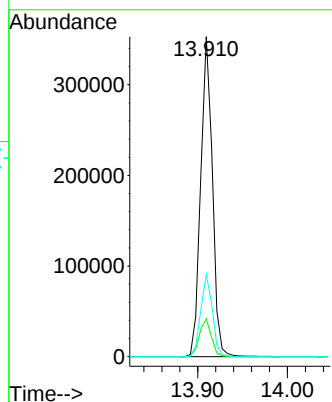
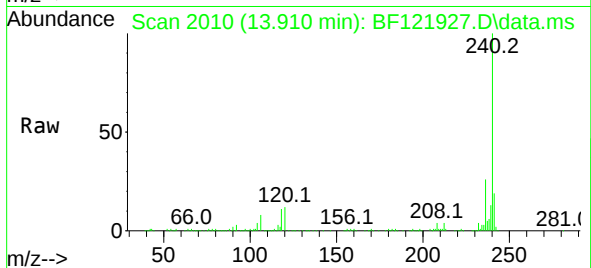




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

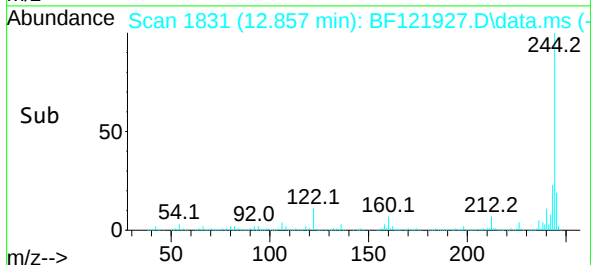
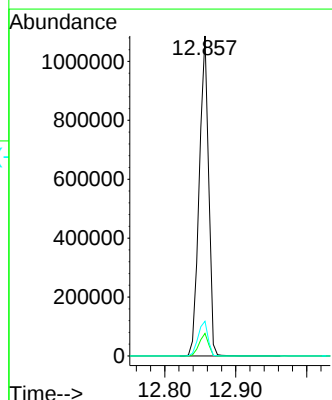
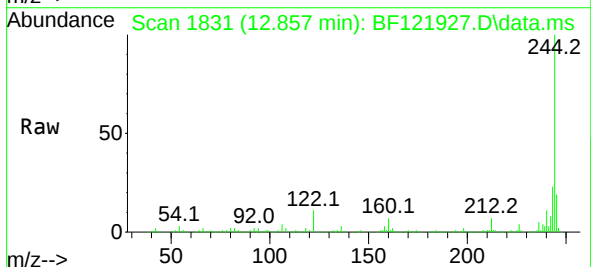
Instrument :
BNA_F
ClientSampleId :
QUAD-2

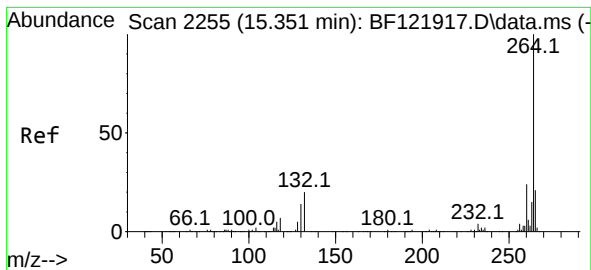
Tgt Ion:240 Resp: 319658
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 59.56 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

Tgt Ion:244 Resp: 998989
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.9 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF121927.D
Acq: 12 Oct 2020 19:47

Instrument :
BNA_F
ClientSampleId :
QUAD-2

Tgt Ion:264 Resp: 269999
Ion Ratio Lower Upper
264 100
260 24.7 18.7 28.1
265 20.5 17.3 25.9

