

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121020\
 Data File : BN013061.D
 Acq On : 11 Dec 2020 01:56
 Operator : CG/JU
 Sample : PB133531BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB133531BL

Quant Time: Dec 11 03:13:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 01:53:51 2020
 Response via : Initial Calibration

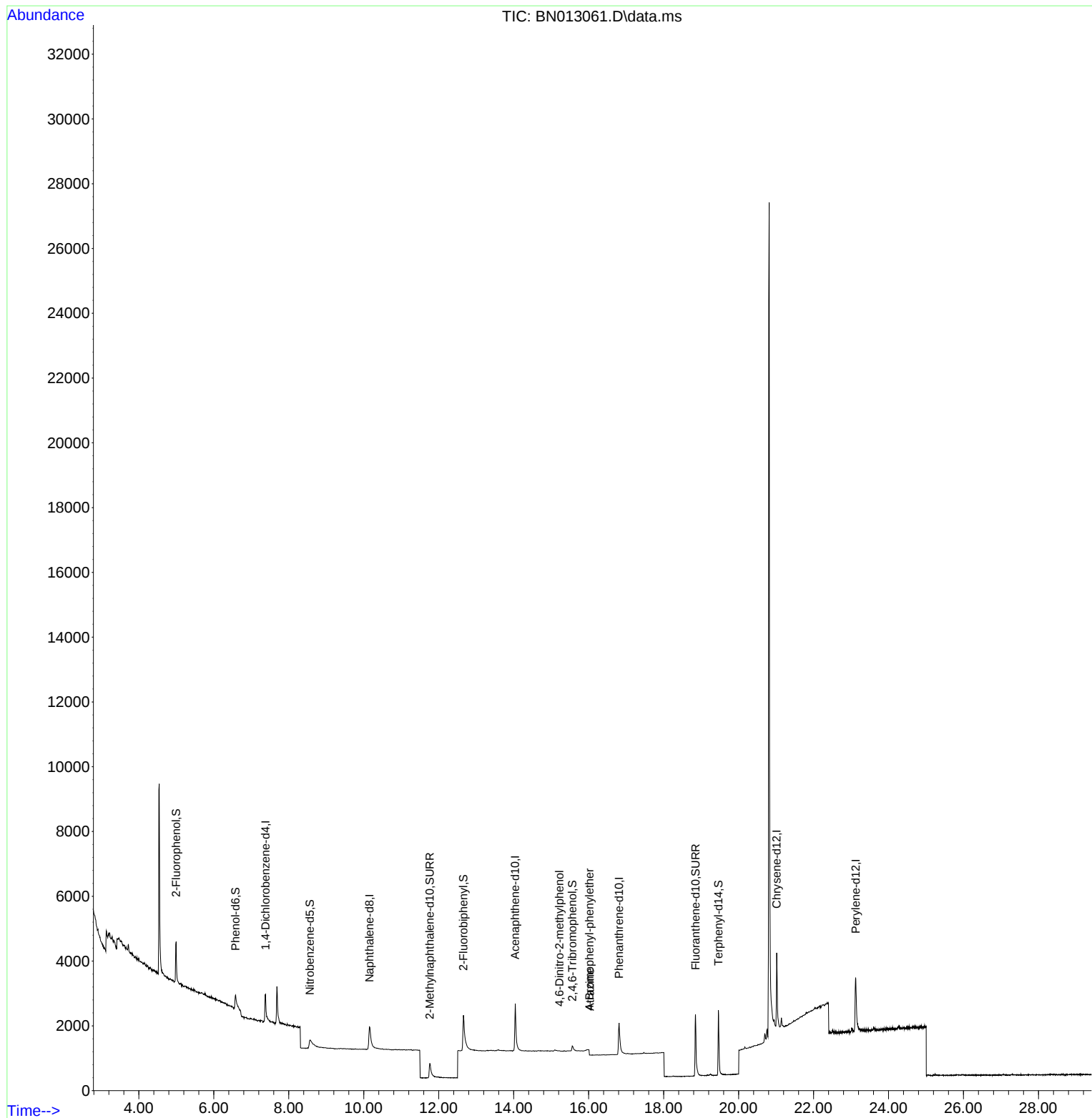
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.378	152	657	0.40	ng	0.00
7) Naphthalene-d8	10.150	136	2219	0.40	ng	# 0.01
13) Acenaphthene-d10	14.042	164	1323	0.40	ng	0.01
19) Phenanthrene-d10	16.812	188	2735	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	2796	0.40	ng	# 0.00
36) Perylene-d12	23.123	264	2951	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	1069	0.45	ng	0.00
5) Phenol-d6	6.581	99	858	0.32	ng	0.00
8) Nitrobenzene-d5	8.566	82	761	0.32	ng	0.04
11) 2-Methylnaphthalene-d10	11.764	152	1535	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.564	330	225	0.26	ng	0.01
15) 2-Fluorobiphenyl	12.659	172	2091	0.36	ng	0.01
27) Fluoranthene-d10	18.851	212	3550	0.39	ng	0.00
31) Terphenyl-d14	19.461	244	2964	0.43	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.222	198	1	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	101	0.16	ng	# 79
23) Atrazine	16.033	200	169	0.10	ng	# 6

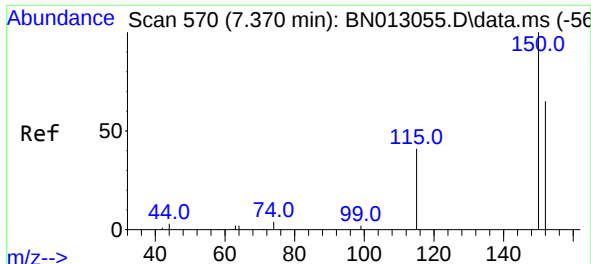
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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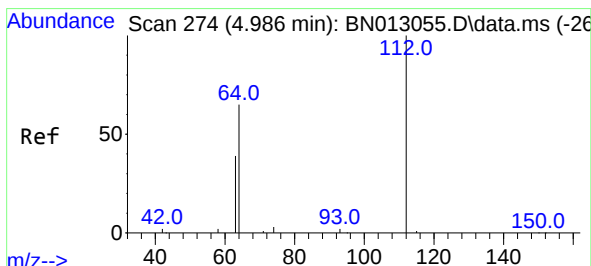
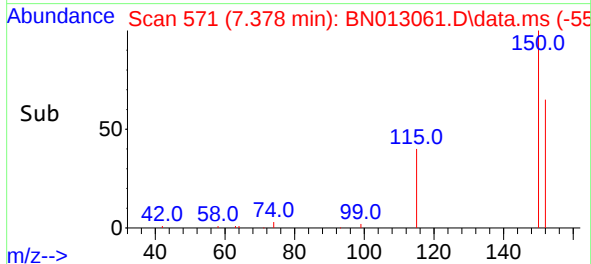
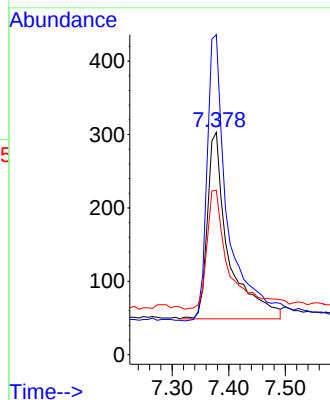
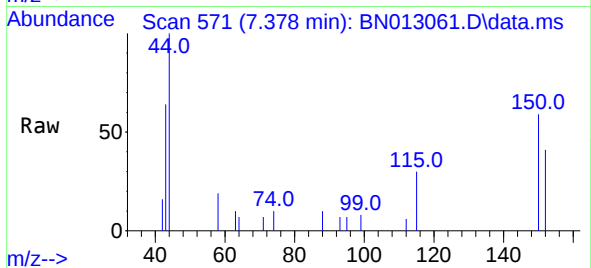




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.378 min Scan# 571
Delta R.T. 0.008 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

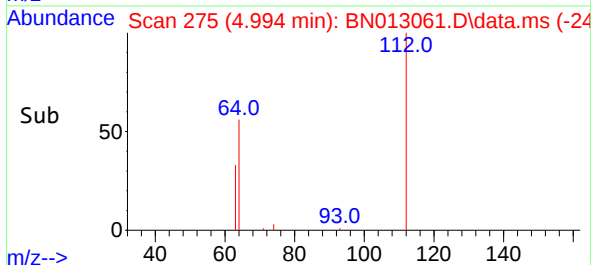
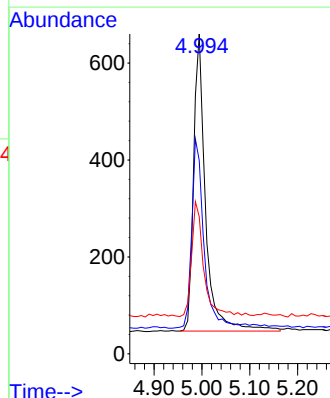
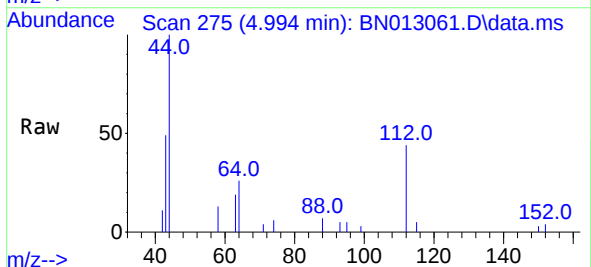
Instrument :
BNA_N
ClientSampleId :
PB133531BL

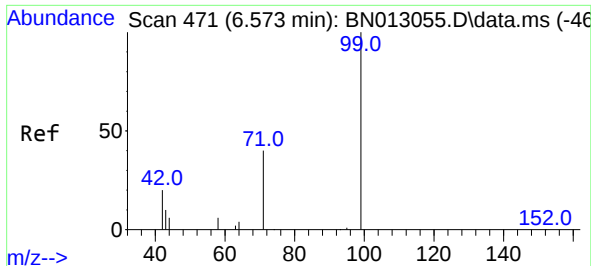
Tgt Ion:152 Resp: 657
Ion Ratio Lower Upper
152 100
150 143.9 116.6 174.8
115 73.9 52.9 79.3



#4
2-Fluorophenol
Concen: 0.45 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

Tgt Ion:112 Resp: 1069
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 39.6 32.0 48.0

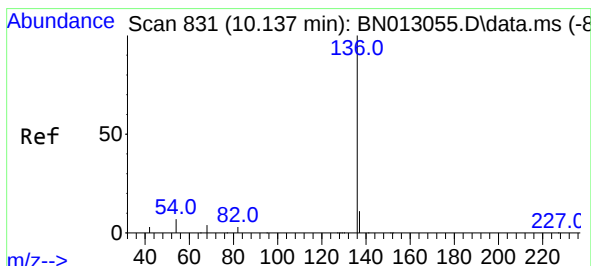
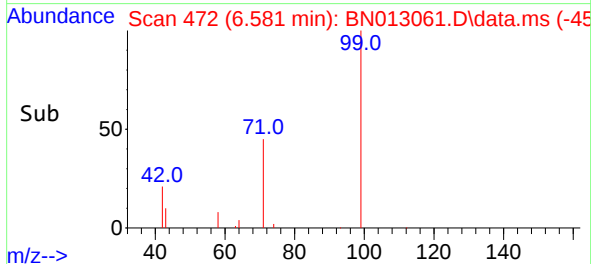
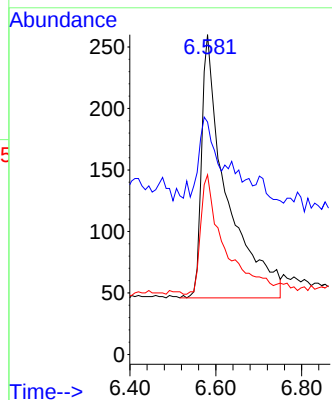
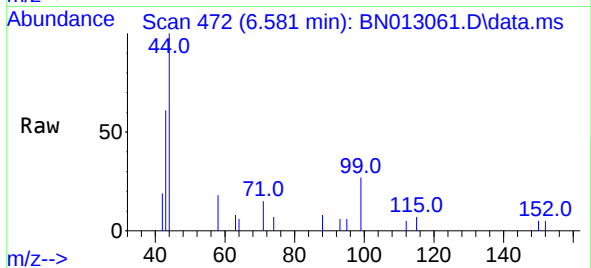




#5
Phenol-d6
Concen: 0.32 ng
RT: 6.581 min Scan# 472
Delta R.T. 0.008 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

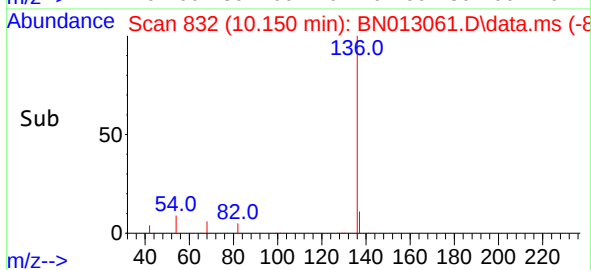
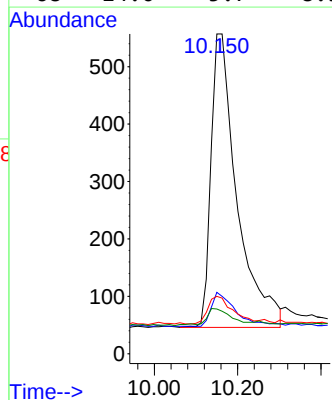
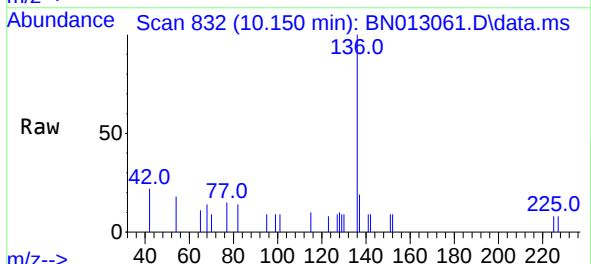
Instrument :
BNA_N
ClientSampled :
PB133531BL

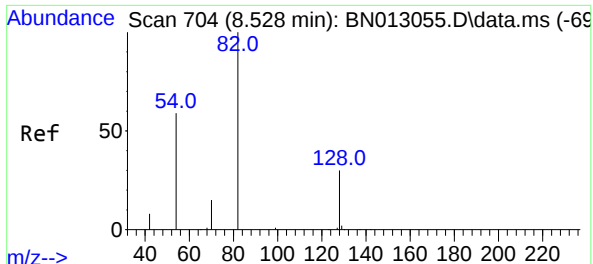
Tgt Ion: 99 Resp: 858
Ion Ratio Lower Upper
99 100
42 20.2 22.4 33.6#
71 43.9 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.150 min Scan# 832
Delta R.T. 0.013 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

Tgt Ion: 136 Resp: 2219
Ion Ratio Lower Upper
136 100
137 19.2 10.6 15.8#
54 18.0 8.6 12.8#
68 14.0 5.7 8.5#

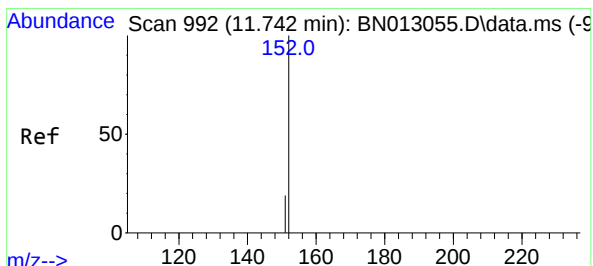
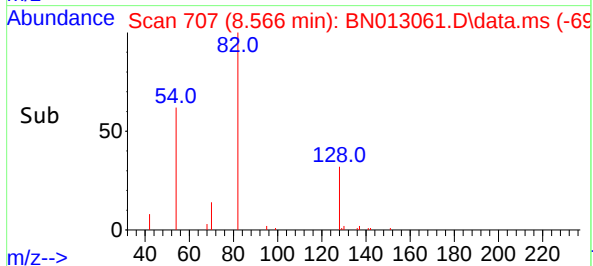
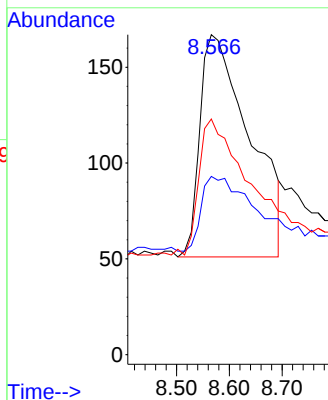
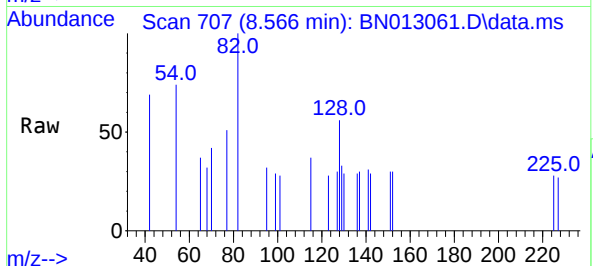




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.566 min Scan# 707
Delta R.T. 0.038 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

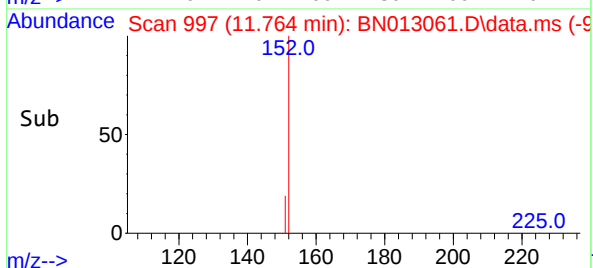
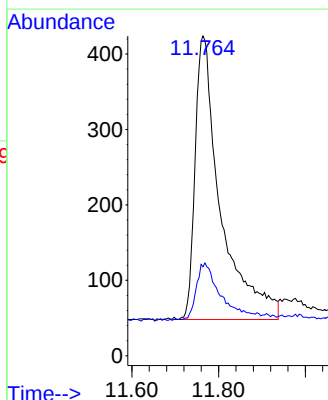
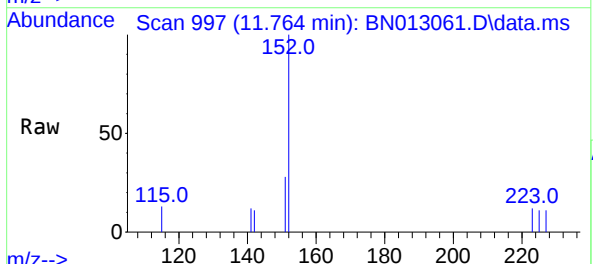
Instrument :
BNA_N
ClientSampleId :
PB133531BL

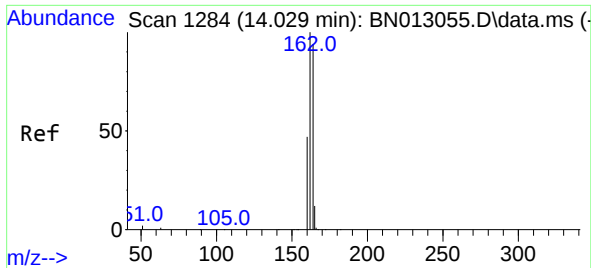
Tgt Ion:	82	Resp:	761
Ion	Ratio	Lower	Upper
82	100		
128	55.7	30.6	46.0#
54	73.7	48.3	72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 11.764 min Scan# 997
Delta R.T. 0.022 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

Tgt Ion:	152	Resp:	1535
Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.7	25.1



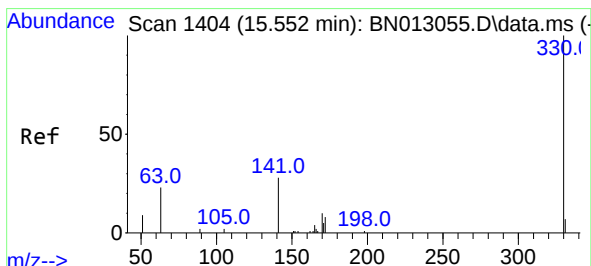
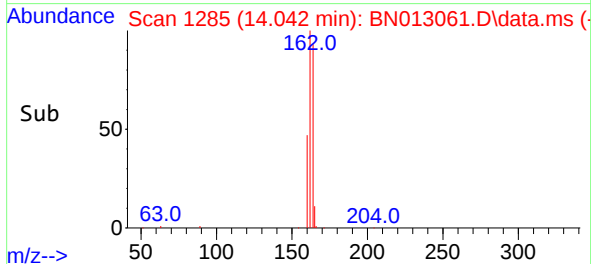
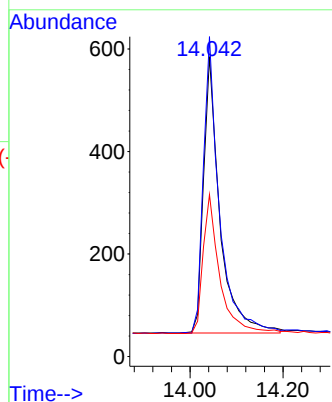
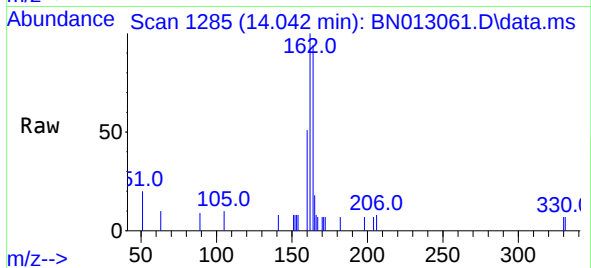


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.042 min Scan# 1285
Delta R.T. 0.013 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

Instrument :
BNA_N
ClientSampleId :
PB133531BL

Tgt Ion:164 Resp: 1323

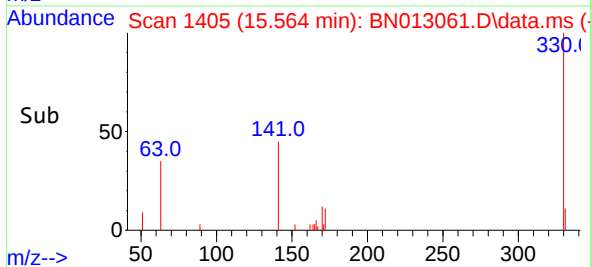
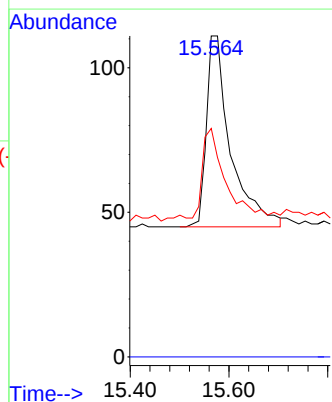
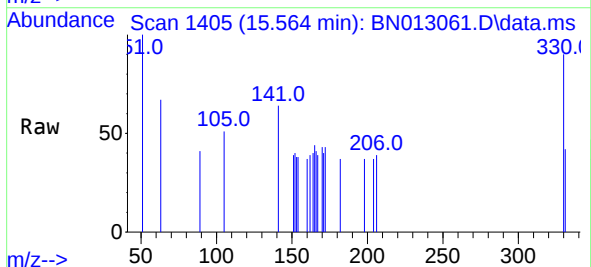
Ion	Ratio	Lower	Upper
164	100		
162	106.7	80.6	120.8
160	54.0	39.5	59.3

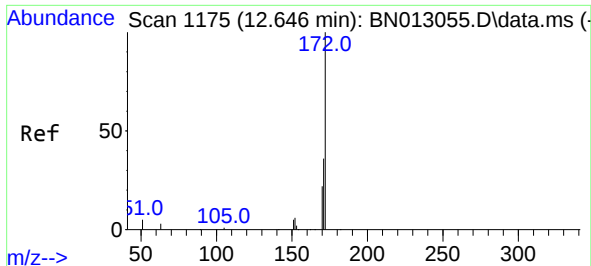


#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.564 min Scan# 1405
Delta R.T. 0.013 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

Tgt Ion:330 Resp: 225

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.6	34.4	51.6

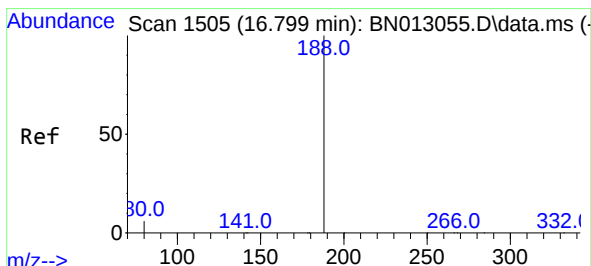
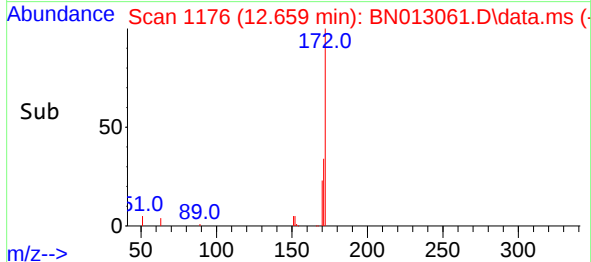
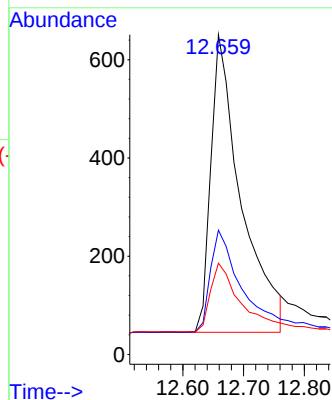
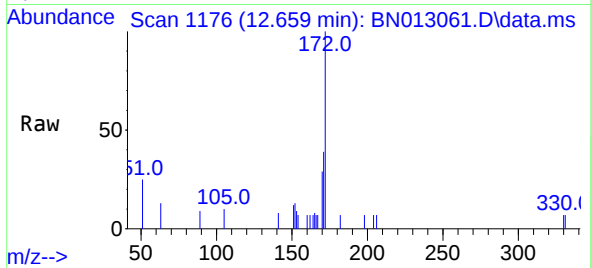




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.659 min Scan# 1176
Delta R.T. 0.013 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

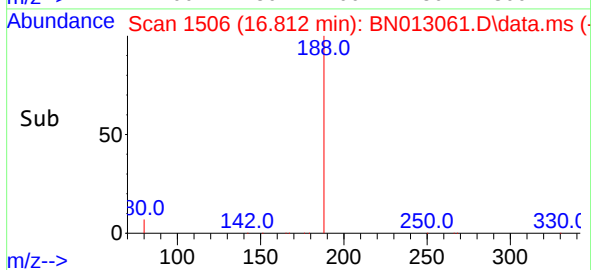
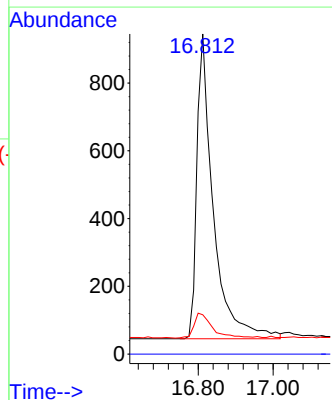
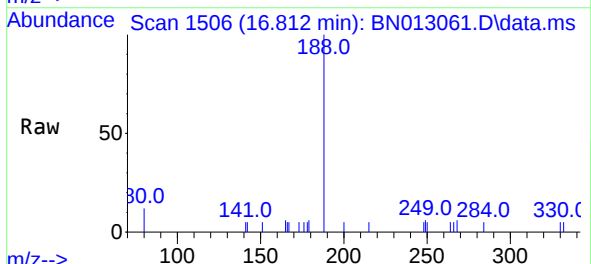
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ClientSampleId :
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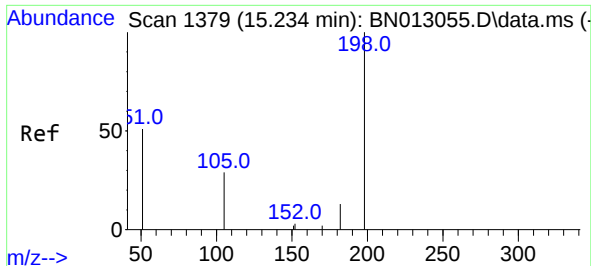
Tgt Ion:172	Resp:	2091
Ion	Ratio	Lower Upper
172	100	
171	38.9	28.2 42.4
170	28.6	20.0 30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.812 min Scan# 1506
Delta R.T. 0.013 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

Tgt Ion:188	Resp:	2735
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	12.3	5.0 7.4#

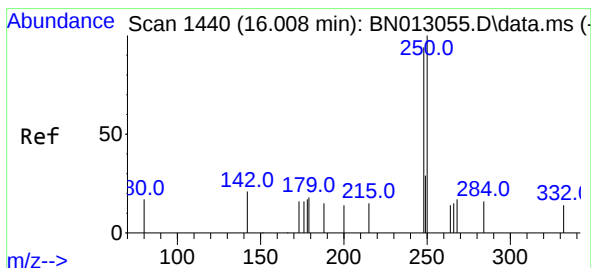
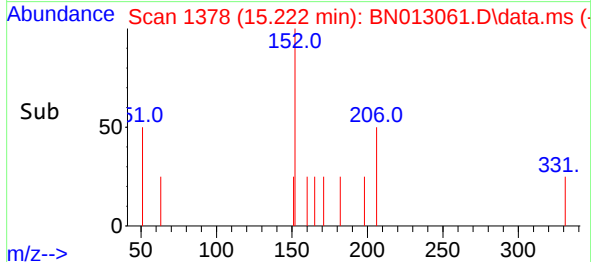
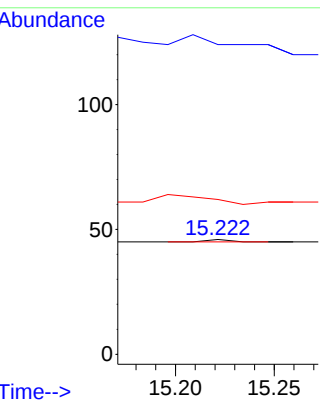
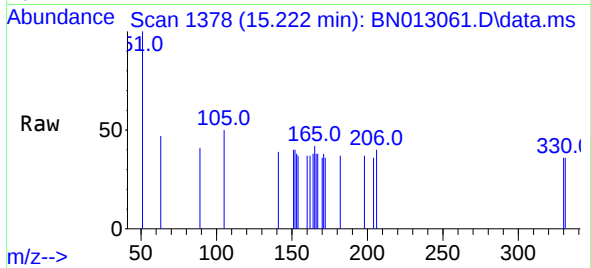




#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.222 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

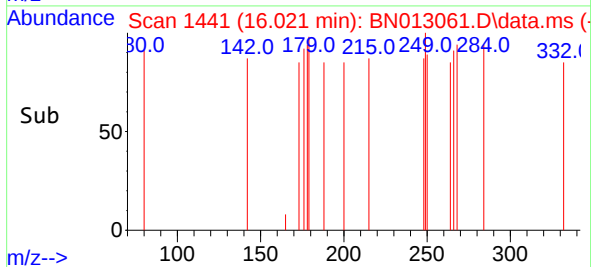
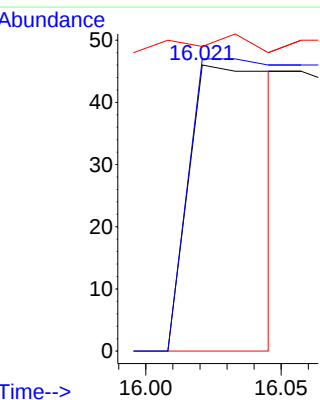
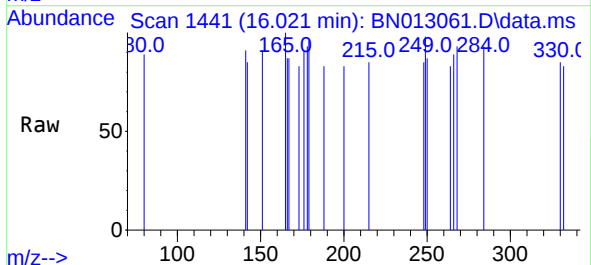
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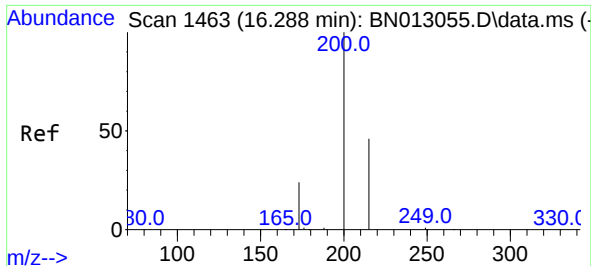
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 269.6 43.5 65.3#
105 134.8 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.013 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

Tgt Ion:248 Resp: 101
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 106.5 57.8 86.8#

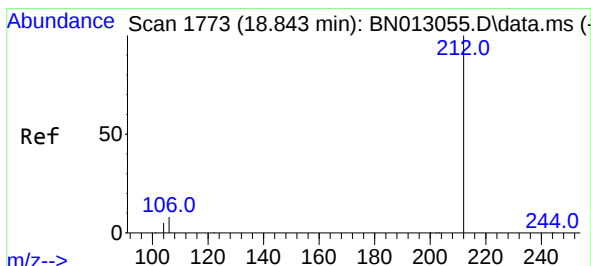
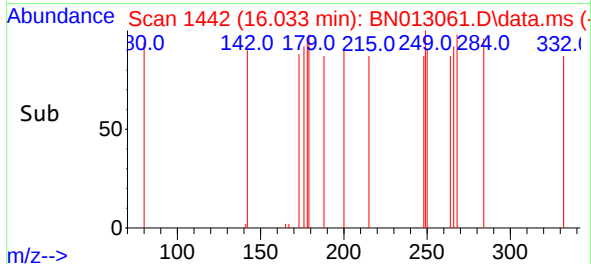
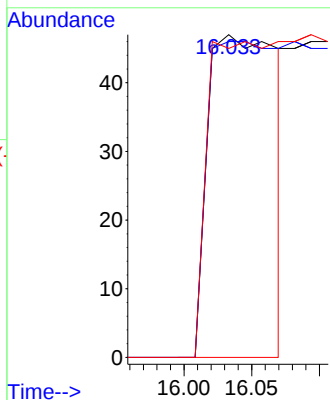
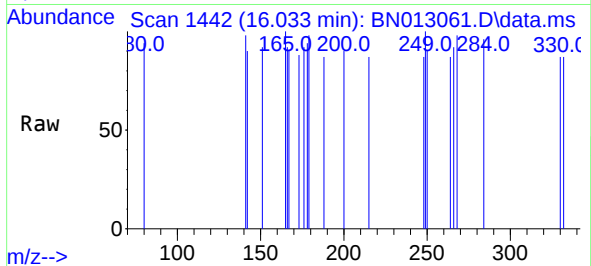




#23
Atrazine
Concen: 0.10 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.255 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

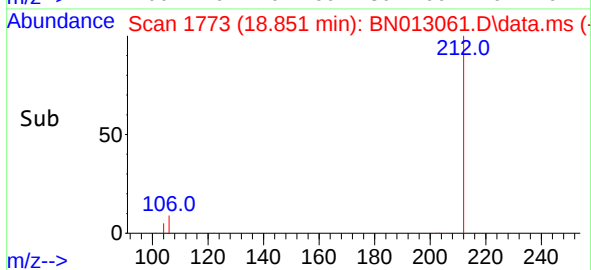
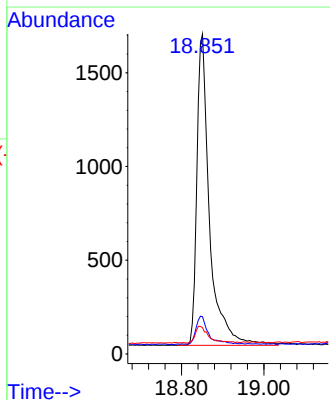
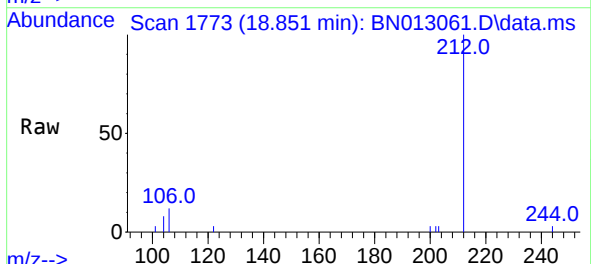
Instrument :
BNA_N
ClientSampleId :
PB133531BL

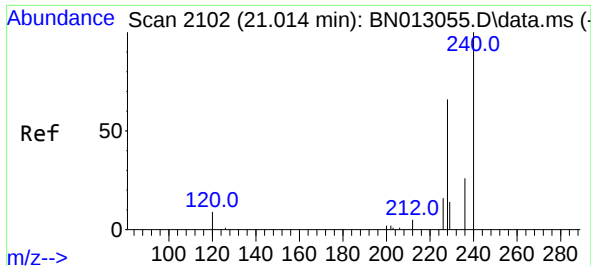
Tgt Ion:200 Resp: 169
Ion Ratio Lower Upper
200 100
173 97.9 22.8 34.2#
215 95.7 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.851 min Scan# 1773
Delta R.T. 0.008 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

Tgt Ion:212 Resp: 3550
Ion Ratio Lower Upper
212 100
106 8.9 6.8 10.2
104 5.8 4.1 6.1

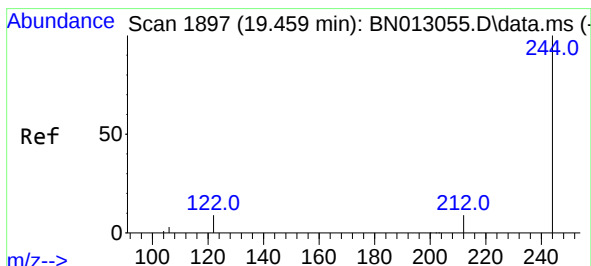
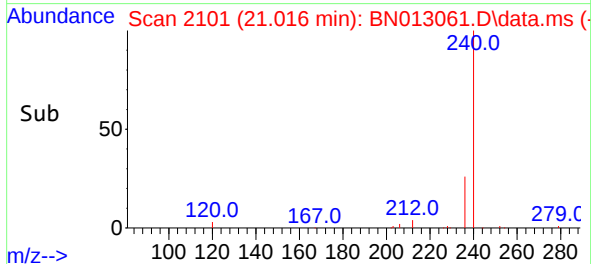
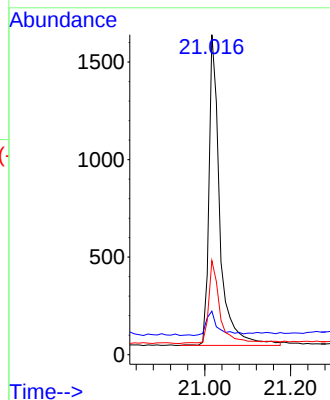
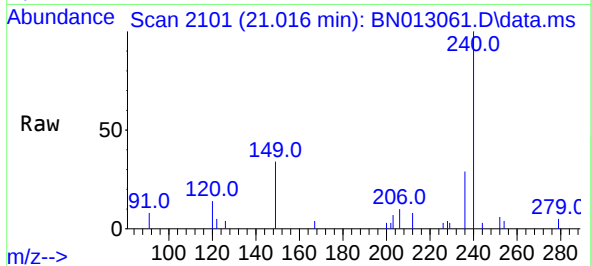




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.003 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

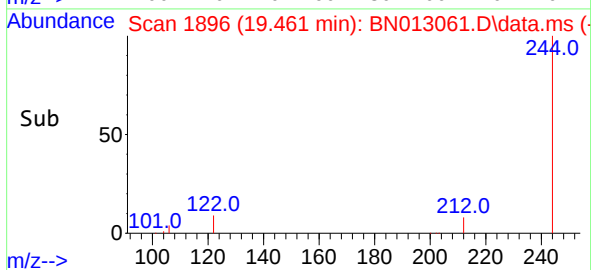
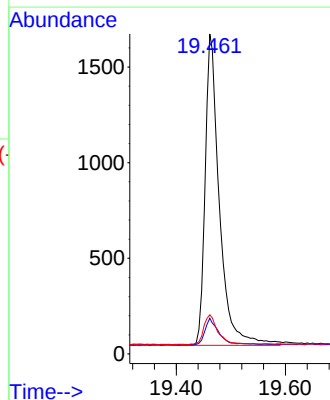
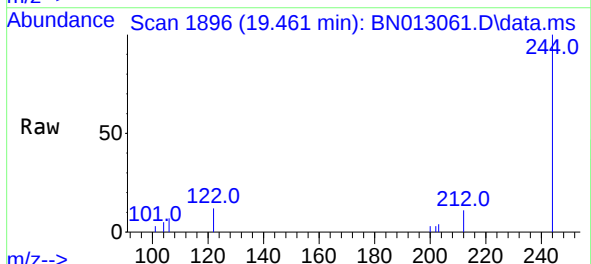
Instrument :
BNA_N
ClientSampleId :
PB133531BL

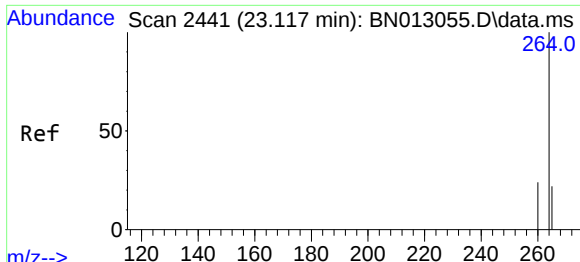
Tgt Ion:240 Resp: 2796
Ion Ratio Lower Upper
240 100
120 13.6 5.3 7.9#
236 29.4 21.8 32.8



#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.461 min Scan# 1896
Delta R.T. 0.003 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

Tgt Ion:244 Resp: 2964
Ion Ratio Lower Upper
244 100
212 11.2 7.3 10.9#
122 12.3 7.3 10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.123 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BN013061.D
Acq: 11 Dec 2020 01:56

Instrument :
BNA_N
ClientSampleId :
PB133531BL

Tgt Ion:264 Resp: 2951

Ion	Ratio	Lower	Upper
264	100		
260	27.5	19.8	29.6
265	104.9	51.4	77.0#

