

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111120\
 Data File : BN012556.D
 Acq On : 12 Nov 2020 09:35
 Operator : CG/JU
 Sample : L4684-11DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB178-GW-518-520DL

Quant Time: Nov 24 10:24:53 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 12:44:50 2020
 Response via : Initial Calibration

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

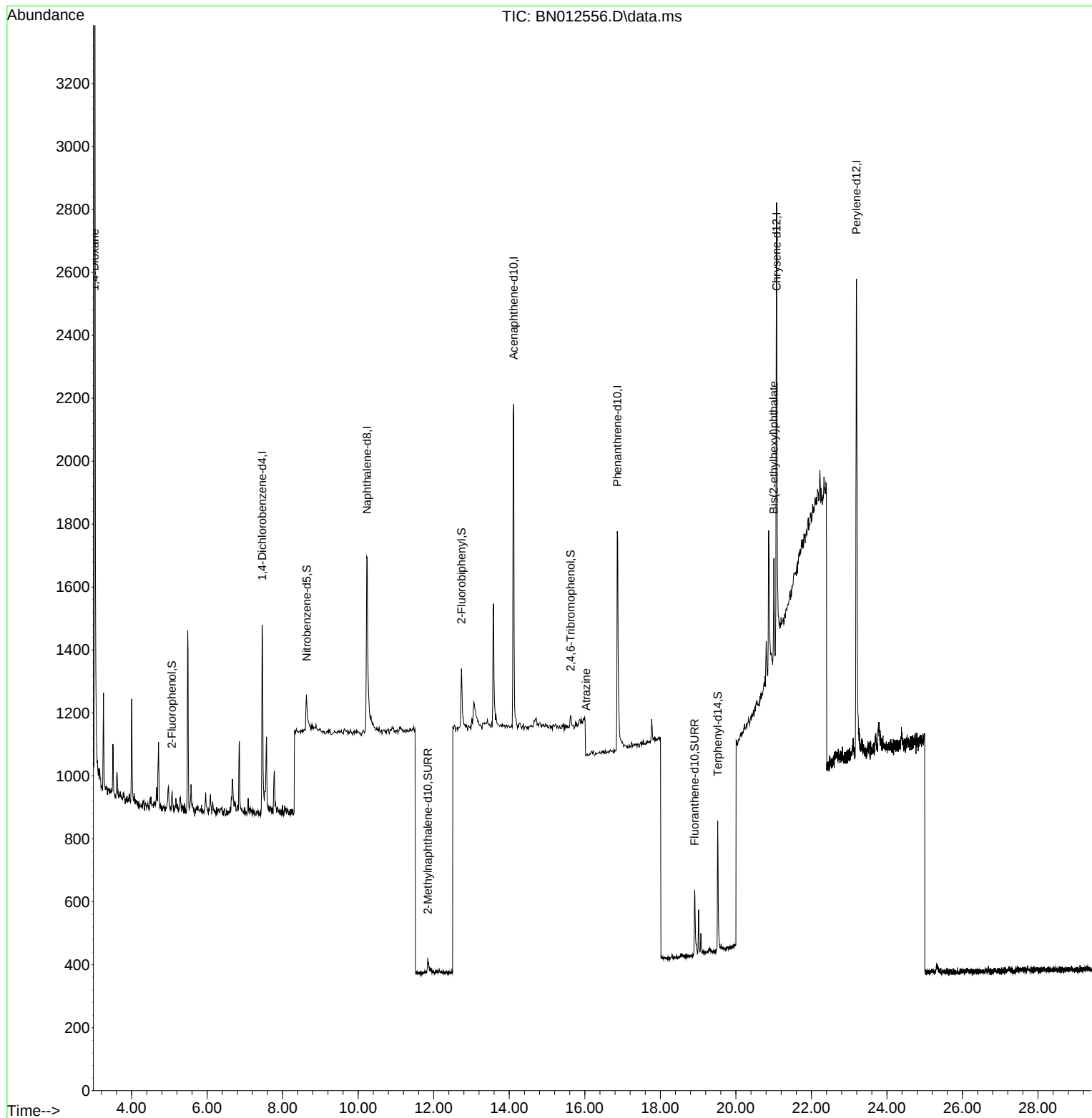
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.457	152	312	0.40	ng	# 0.02
7) Naphthalene-d8	10.237	136	1188	0.40	ng	# 0.04
13) Acenaphthene-d10	14.116	164	750	0.40	ng	0.03
19) Phenanthrene-d10	16.859	188	1595	0.40	ng	# 0.01
29) Chrysene-d12	21.078	240	1819	0.40	ng	# 0.01
36) Perylene-d12	23.193	264	2176	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.066	112	38	0.03	ng	0.00
5) Phenol-d6	6.652	99	19	0.01	ng	0.02
8) Nitrobenzene-d5	8.641	82	110	0.08	ng	0.05
11) 2-Methylnaphthalene-d10	11.842	152	101	0.05	ng	0.04
14) 2,4,6-Tribromophenol	15.626	330	49	0.09	ng	0.03
15) 2-Fluorobiphenyl	12.733	172	232	0.08	ng	0.03
27) Fluoranthene-d10	18.908	212	354	0.07	ng	0.01
31) Terphenyl-d14	19.519	244	532	0.12	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.020	88	1618	3.32	ng	# 74
23) Atrazine	16.031	200	49	0.05	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.004	149	289	0.07	ng	# 91

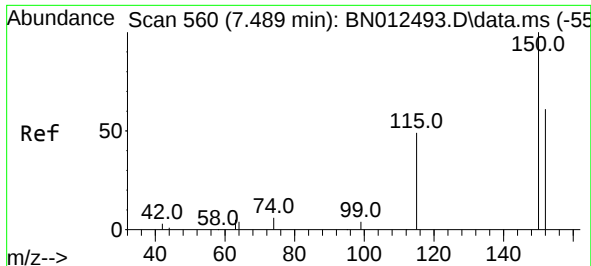
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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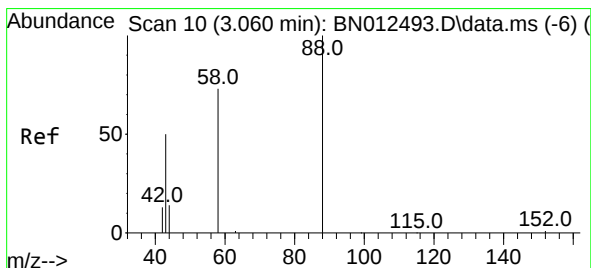
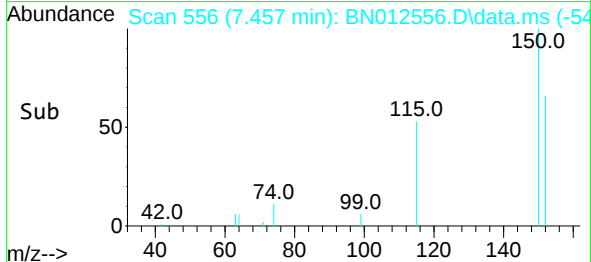
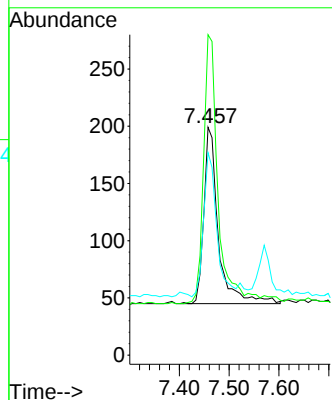
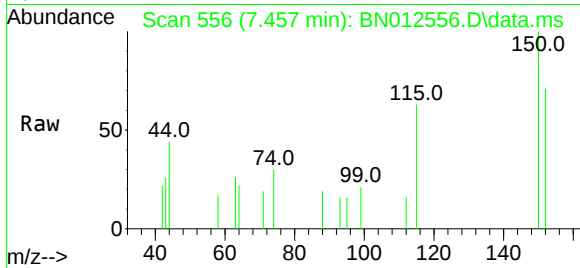




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.457 min Scan# 556
 Delta R.T. 0.016 min
 Lab File: BN012556.D
 Acq: 12 Nov 2020 09:35

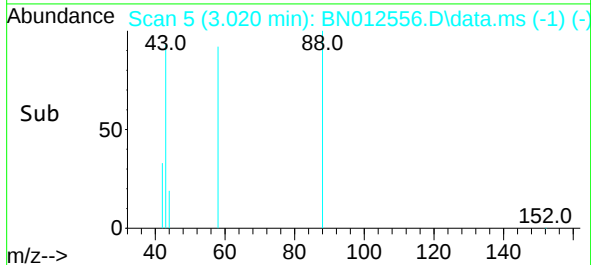
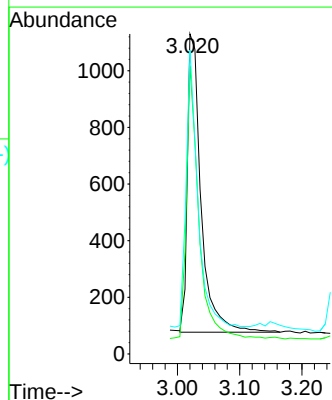
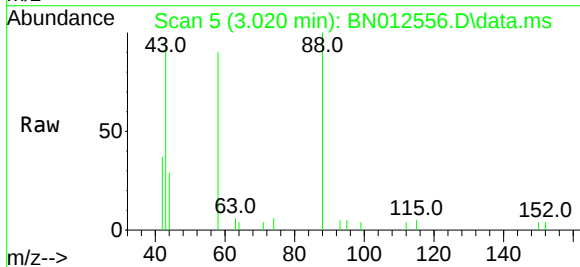
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB178-GW-518-520DL

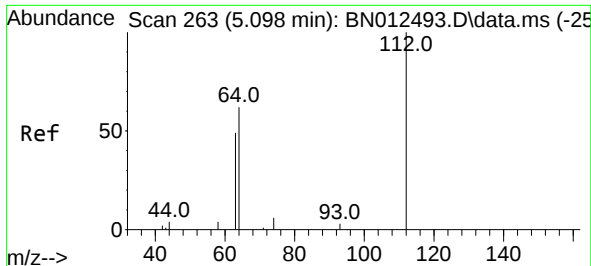
Tgt Ion:152 Resp: 312
 Ion Ratio Lower Upper
 152 100
 150 140.7 116.6 174.8
 115 88.9 52.9 79.3#



#2
 1,4-Dioxane
 Concen: 3.32 ng
 RT: 3.020 min Scan# 5
 Delta R.T. -0.000 min
 Lab File: BN012556.D
 Acq: 12 Nov 2020 09:35

Tgt Ion: 88 Resp: 1618
 Ion Ratio Lower Upper
 88 100
 58 80.4 59.4 89.2
 43 78.7 32.3 48.5#

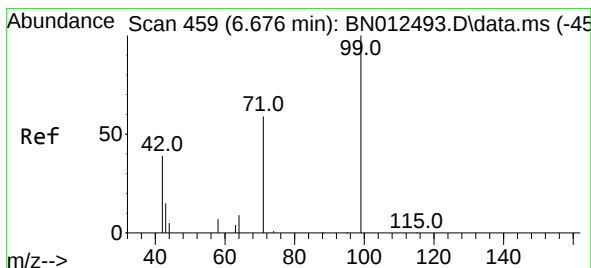
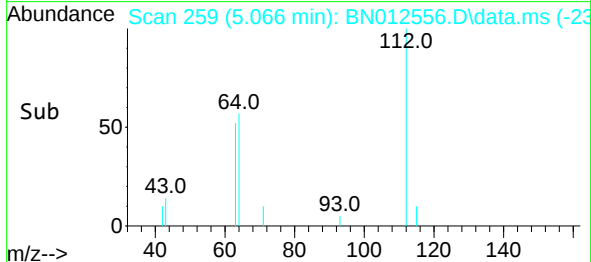
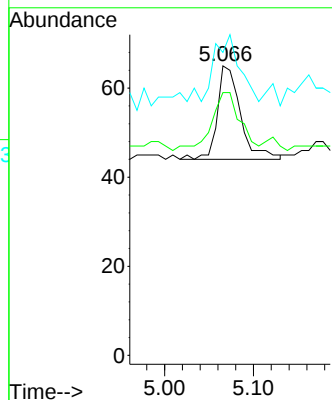
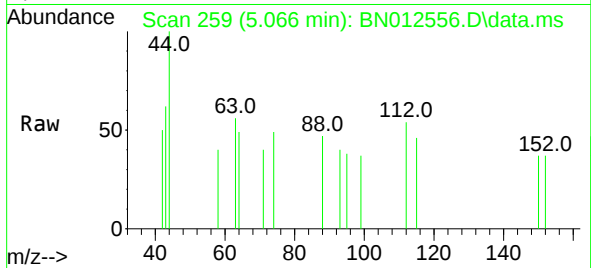




#4
2-Fluorophenol
Concen: 0.03 ng
RT: 5.066 min Scan# 259
Delta R.T. 0.008 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

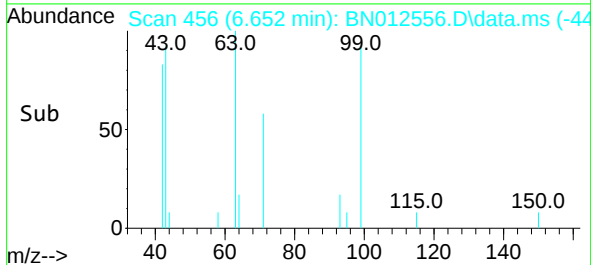
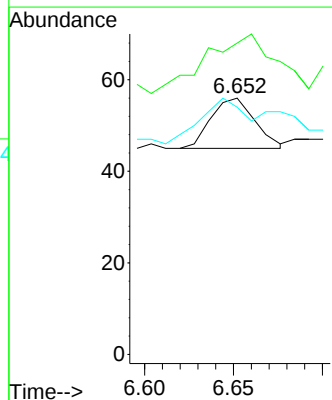
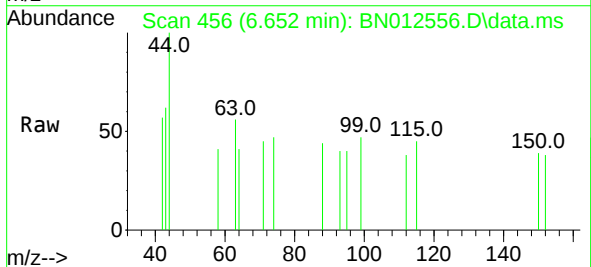
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-518-520DL

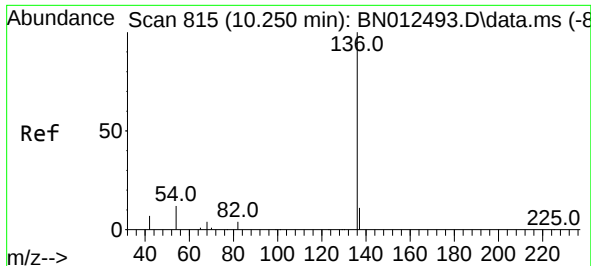
Tgt Ion:112 Resp: 38
Ion Ratio Lower Upper
112 100
64 84.2 49.5 74.3#
63 89.5 32.0 48.0#



#5
Phenol-d6
Concen: 0.01 ng
RT: 6.652 min Scan# 456
Delta R.T. 0.016 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

Tgt Ion: 99 Resp: 19
Ion Ratio Lower Upper
99 100
42 189.5 22.4 33.6#
71 100.0 37.8 56.6#

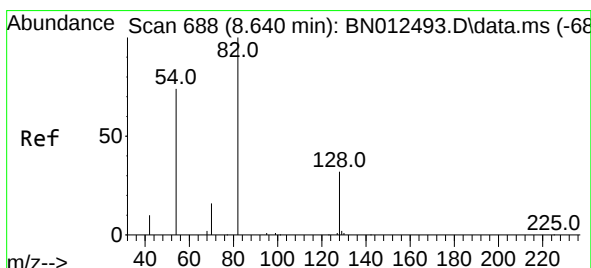
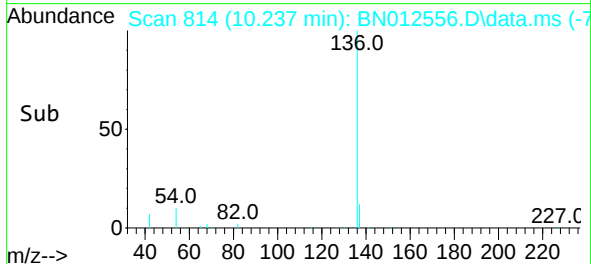
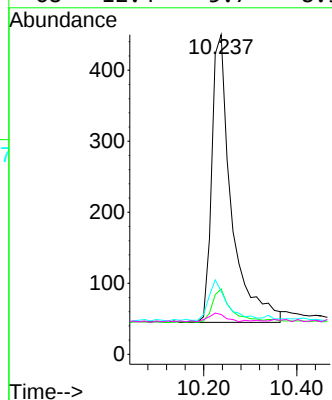
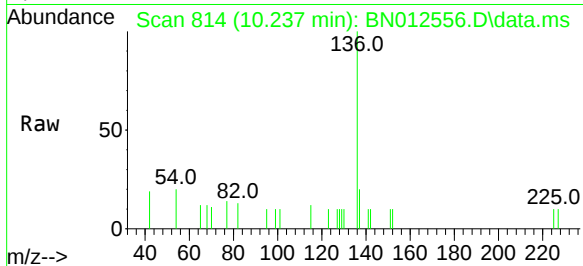




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.237 min Scan# 814
Delta R.T. 0.038 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

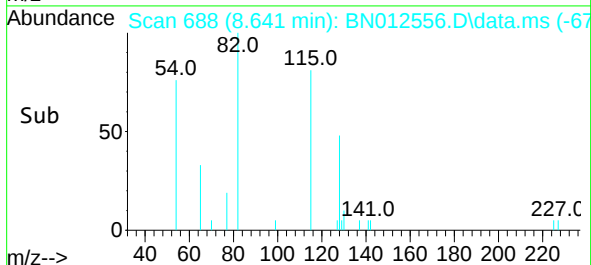
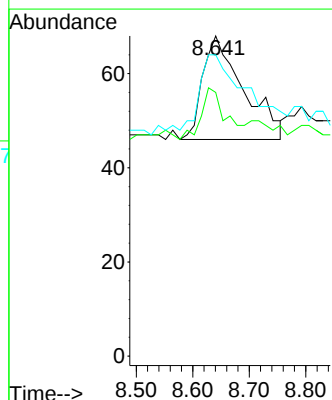
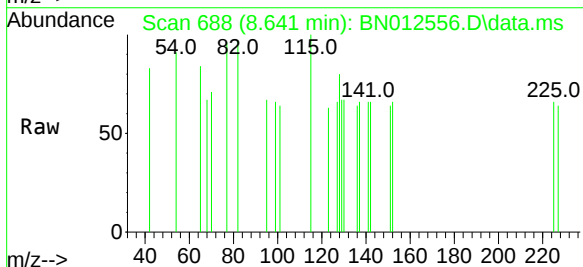
Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-518-520DL

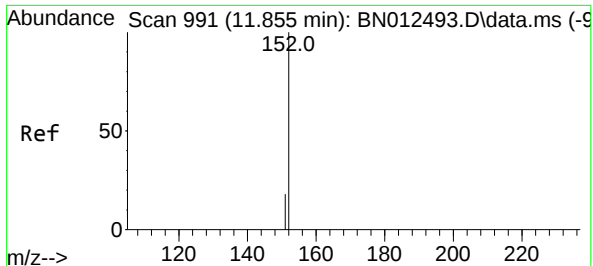
Tgt Ion:	136	Resp:	1188
Ion Ratio	Lower	Upper	
136	100		
137	20.4	10.6	15.8#
54	19.8	8.6	12.8#
68	12.4	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.08 ng
RT: 8.641 min Scan# 688
Delta R.T. 0.051 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

Tgt Ion:	82	Resp:	110
Ion Ratio	Lower	Upper	
82	100		
128	82.4	30.6	46.0#
54	94.1	48.3	72.5#

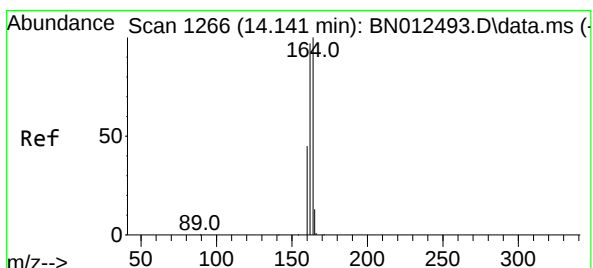
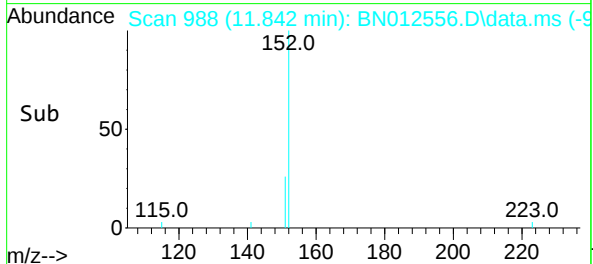
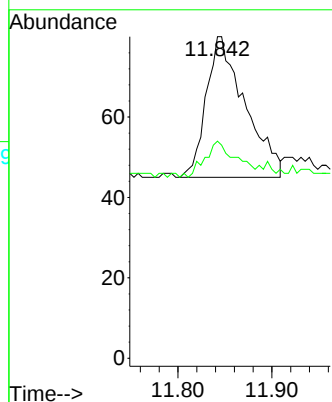
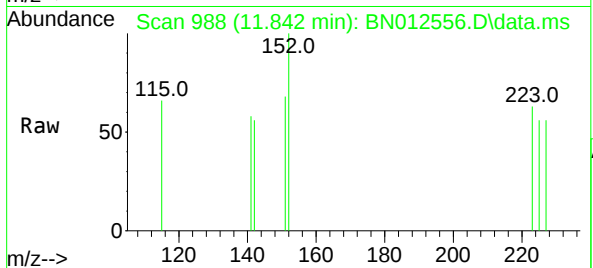




#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 11.842 min Scan# 988
Delta R.T. 0.036 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

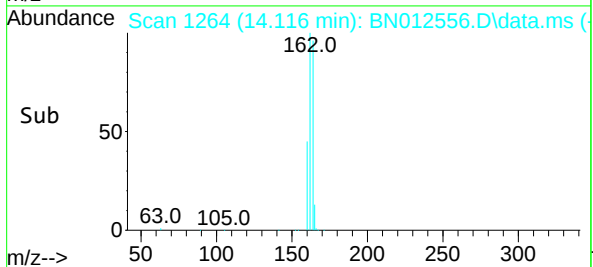
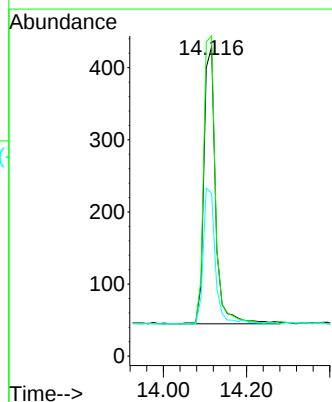
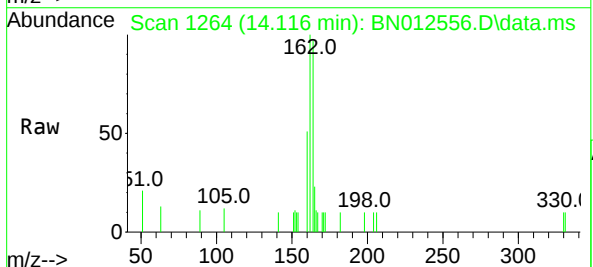
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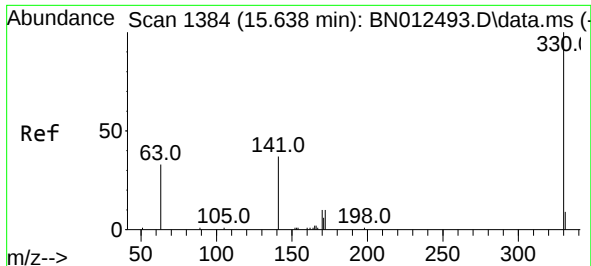
Tgt Ion:152 Resp: 101
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.116 min Scan# 1264
Delta R.T. 0.025 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

Tgt Ion:164 Resp: 750
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 52.7 39.5 59.3

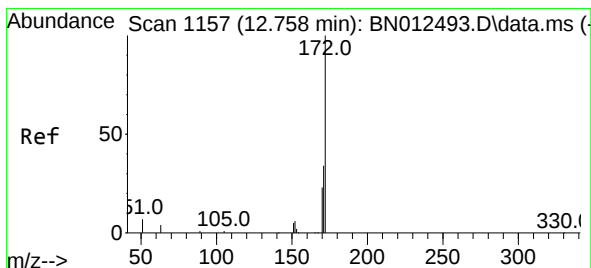
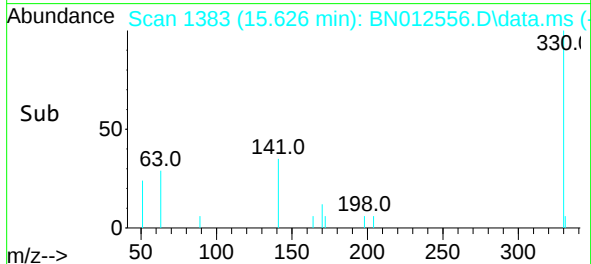
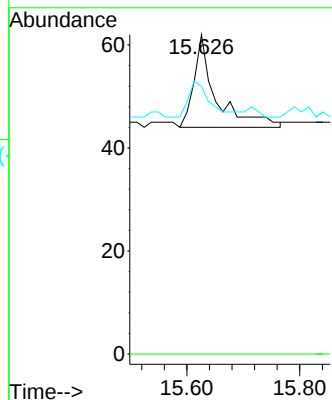
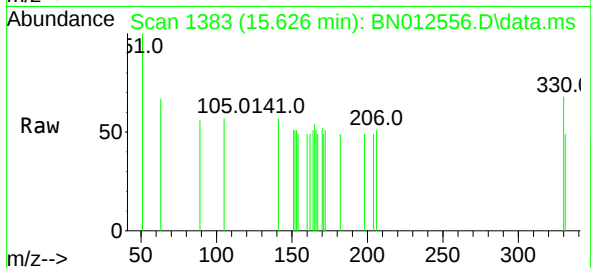




#14
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 15.626 min Scan# 1383
Delta R.T. 0.025 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

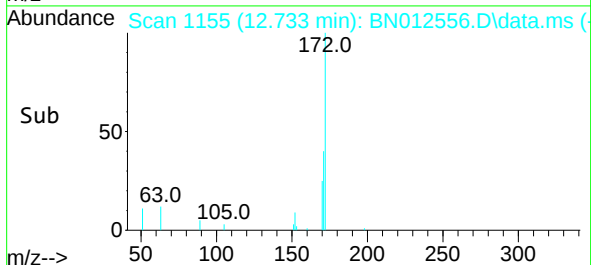
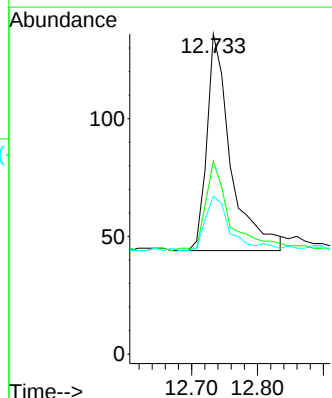
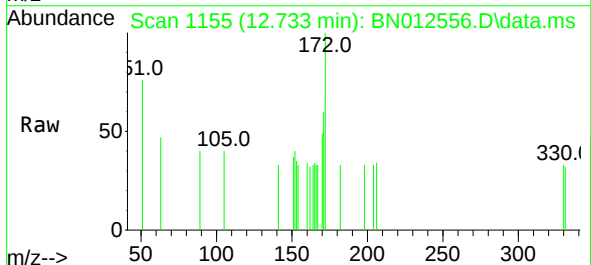
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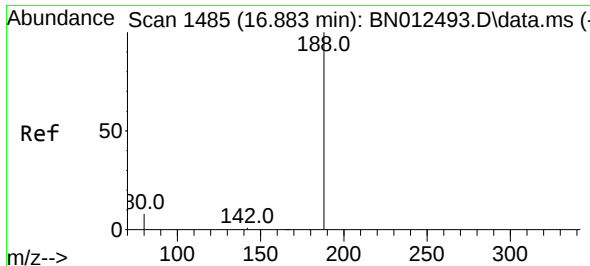
Tgt Ion:330 Resp: 49
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.7 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.08 ng
RT: 12.733 min Scan# 1155
Delta R.T. 0.025 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

Tgt Ion:172 Resp: 232
Ion Ratio Lower Upper
172 100
171 60.3 28.2 42.4#
170 49.3 20.0 30.0#

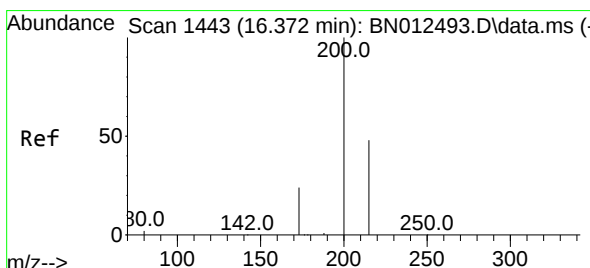
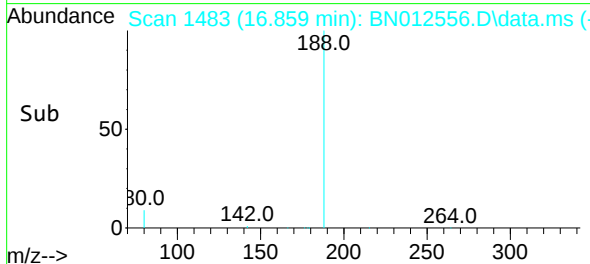
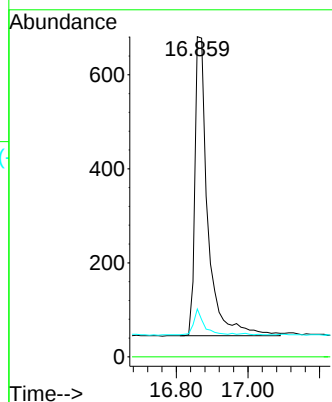
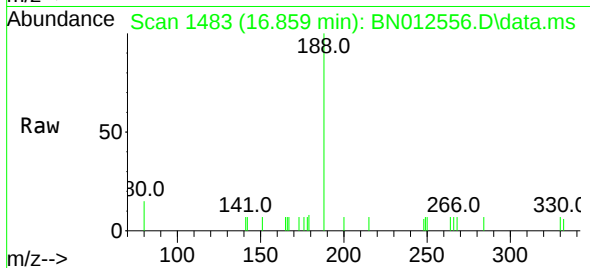




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.859 min Scan# 1483
Delta R.T. 0.012 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

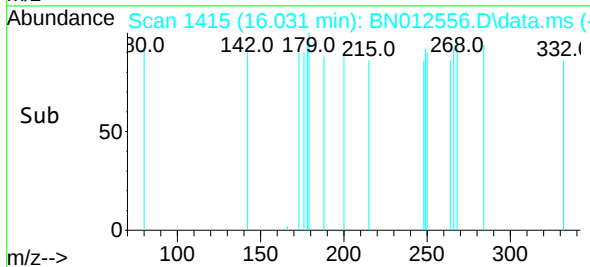
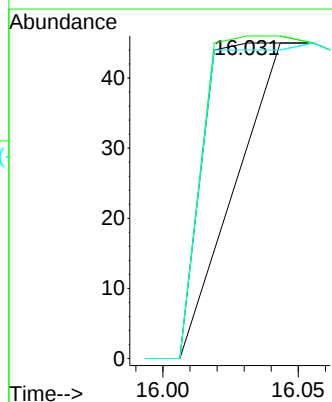
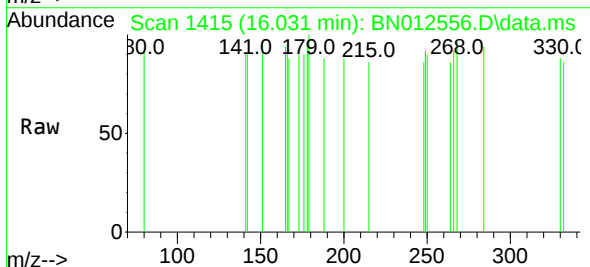
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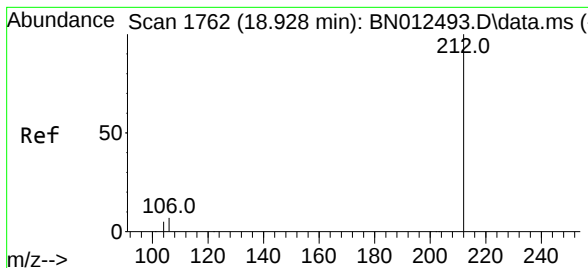
Tgt Ion:188 Resp: 1595
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 5.0 7.4#



#23
Atrazine
Concen: 0.05 ng
RT: 16.031 min Scan# 1415
Delta R.T. -0.304 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

Tgt Ion:200 Resp: 49
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 97.8 38.1 57.1#

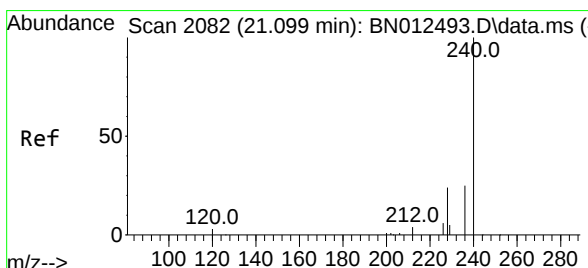
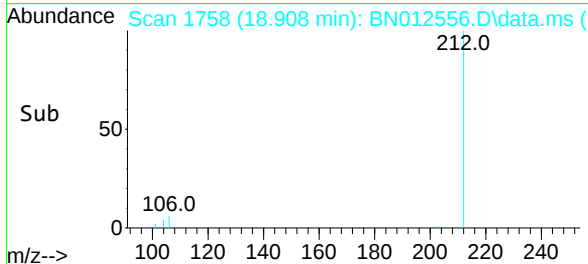
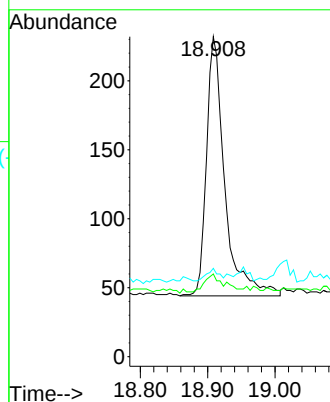
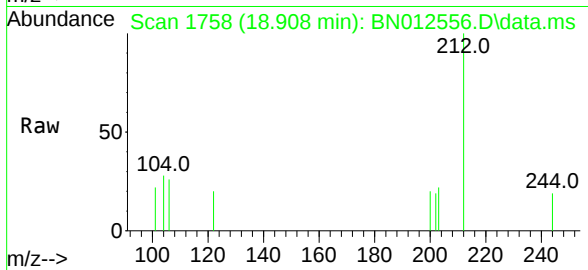




#27
Fluoranthene-d10
Concen: 0.07 ng
RT: 18.908 min Scan# 1758
Delta R.T. 0.015 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

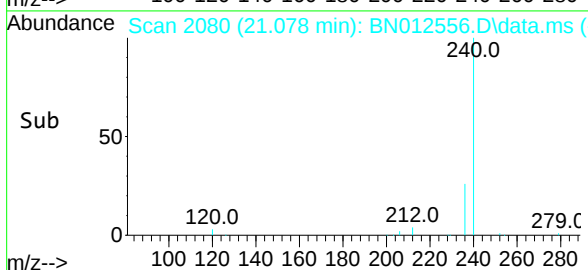
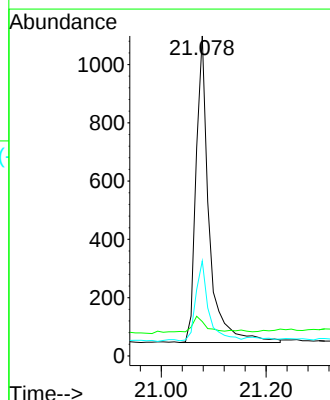
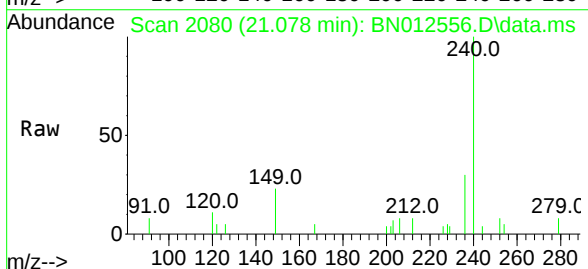
Instrument :
BNA_N
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BP-VPB178-GW-518-520DL

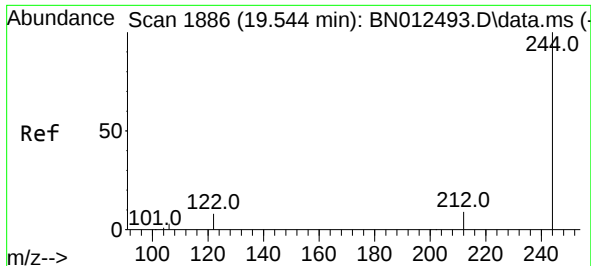
Tgt Ion:212 Resp: 354
Ion Ratio Lower Upper
212 100
106 7.1 6.8 10.2
104 3.1 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.078 min Scan# 2080
Delta R.T. 0.011 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

Tgt Ion:240 Resp: 1819
Ion Ratio Lower Upper
240 100
120 10.7 5.3 7.9#
236 29.7 21.8 32.8

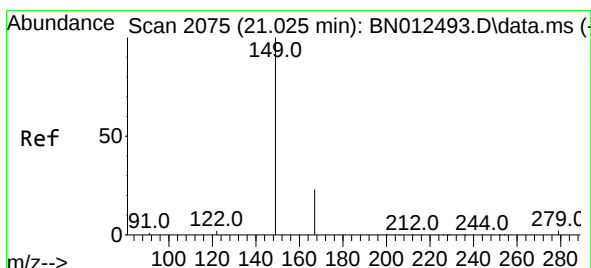
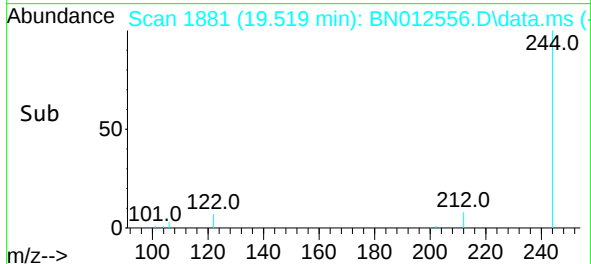
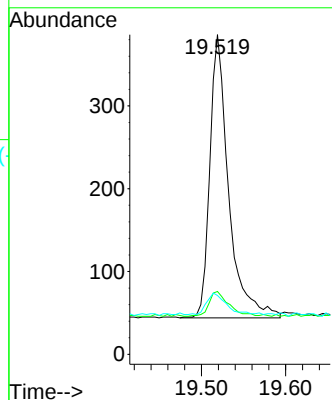
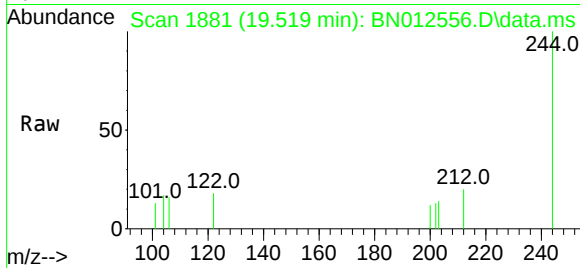




#31
 Terphenyl-d14
 Concen: 0.12 ng
 RT: 19.519 min Scan# 1881
 Delta R.T. 0.010 min
 Lab File: BN012556.D
 Acq: 12 Nov 2020 09:35

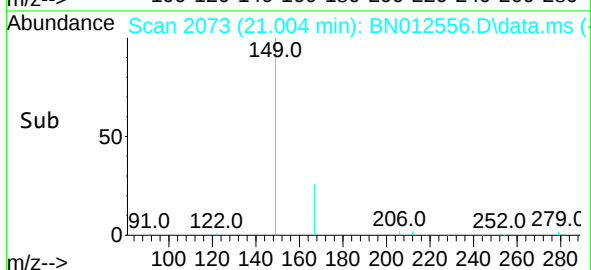
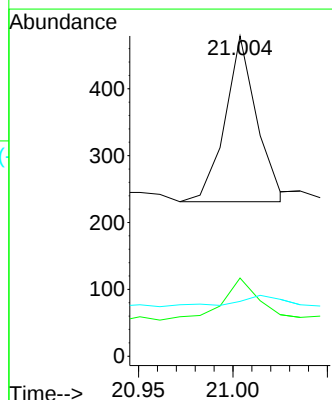
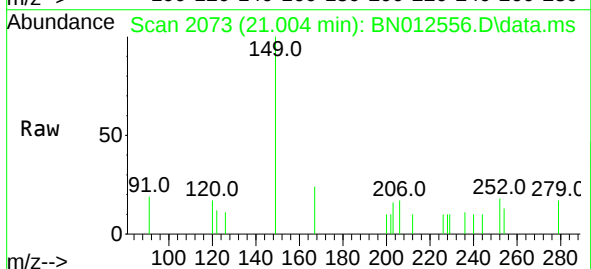
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB178-GW-518-520DL

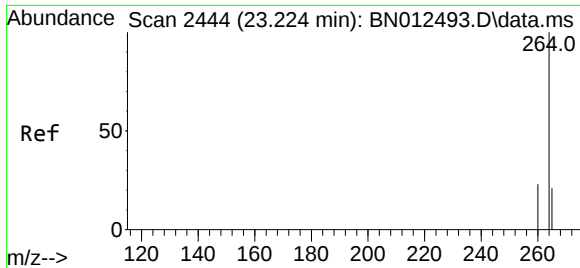
Tgt Ion:244 Resp: 532
 Ion Ratio Lower Upper
 244 100
 212 19.7 7.3 10.9#
 122 18.4 7.3 10.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.004 min Scan# 2073
 Delta R.T. 0.011 min
 Lab File: BN012556.D
 Acq: 12 Nov 2020 09:35

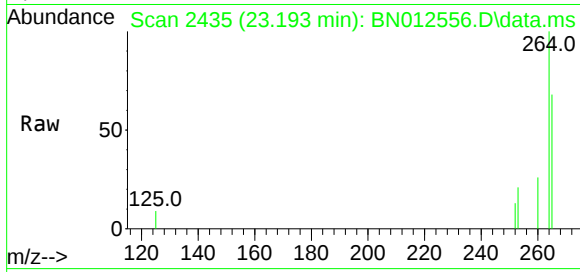
Tgt Ion:149 Resp: 289
 Ion Ratio Lower Upper
 149 100
 167 23.9 23.2 34.8
 279 5.9 3.9 5.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.193 min Scan# 2435
Delta R.T. 0.010 min
Lab File: BN012556.D
Acq: 12 Nov 2020 09:35

Instrument :
BNA_N
ClientSampleId :
BP-VPB178-GW-518-520DL



Tgt Ion:264 Resp: 2176

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.8	29.6
265	68.0	51.4	77.0

