

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
 Data File : BN016043.D
 Acq On : 24 Aug 2021 22:42
 Operator : CG/JU
 Sample : M3483-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-300-302

Quant Time: Aug 25 04:19:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 14:26:02 2021
 Response via : Initial Calibration

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

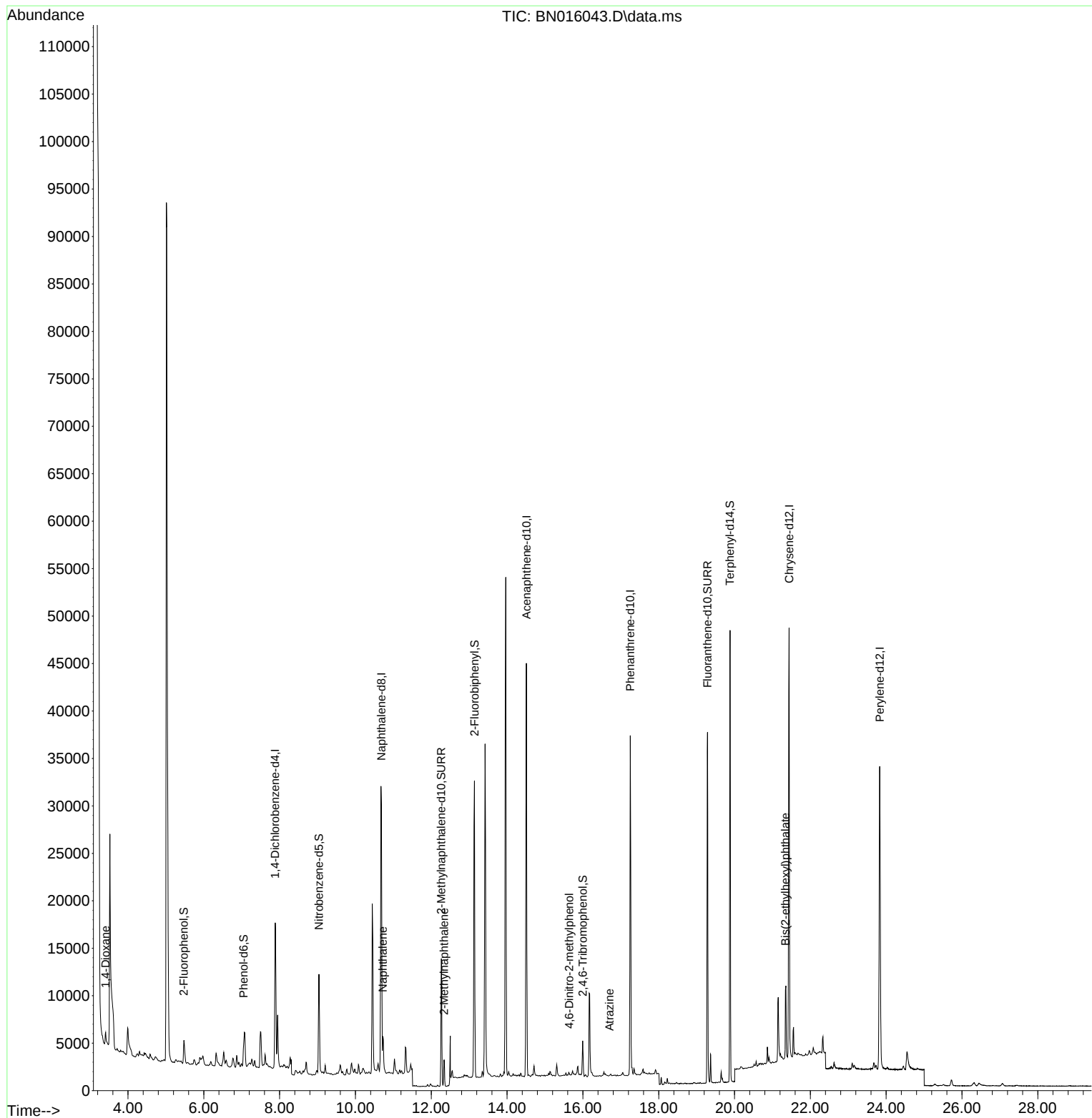
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	8491	0.400	ng	0.00
7) Naphthalene-d8	10.685	136	46009	0.400	ng	0.00
13) Acenaphthene-d10	14.510	164	25767	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	48840	0.400	ng	0.00
29) Chrysene-d12	21.440	240	48525	0.400	ng	# 0.00
35) Perylene-d12	23.830	264	48380	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	2740	0.135	ng	0.02
5) Phenol-d6	7.052	99	2250	0.079	ng	0.00
8) Nitrobenzene-d5	9.038	82	9603	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	18360	0.265	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	2817	0.385	ng	0.00
15) 2-Fluorobiphenyl	13.140	172	30068	0.290	ng	0.00
27) Fluoranthene-d10	19.286	212	44518	0.323	ng	0.00
31) Terphenyl-d14	19.882	244	49439	0.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	915	0.196	ng	# 91
9) Naphthalene	10.724	128	4870	0.040	ng	# 94
12) 2-Methylnaphthalene	12.341	142	2109	0.027	ng	96
20) 4,6-Dinitro-2-methylph...	15.639	198	14	0.112	ng	# 1
23) Atrazine	16.701	200	106	0.152	ng	# 48
34) Bis(2-ethylhexyl)phtha...	21.344	149	8758	0.223	ng	100

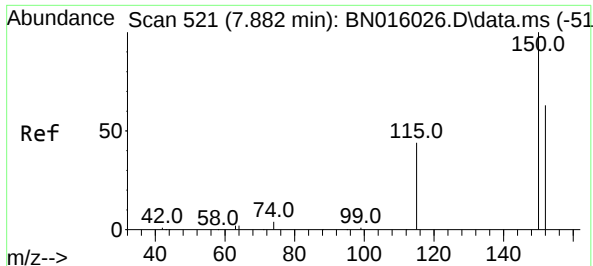
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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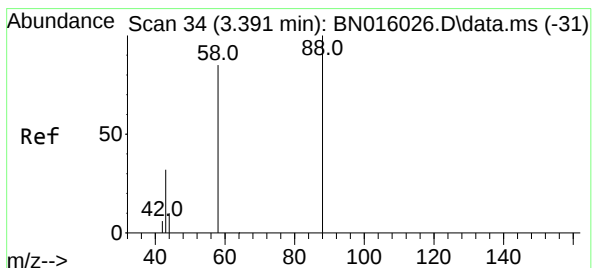
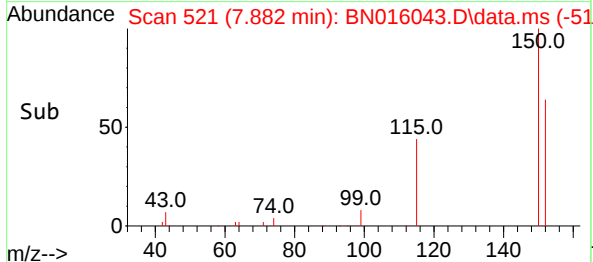
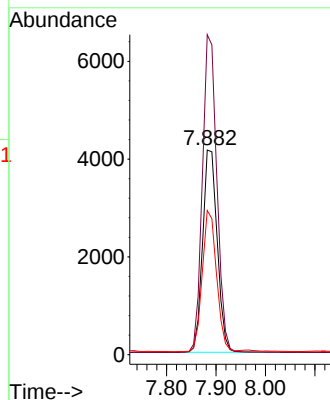
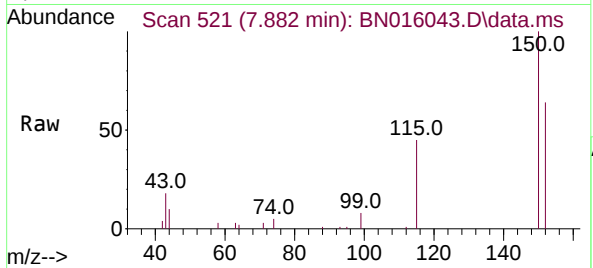




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.882 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: BN016043.D
 Acq: 24 Aug 2021 22:42

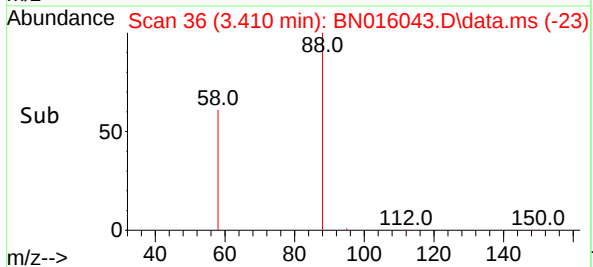
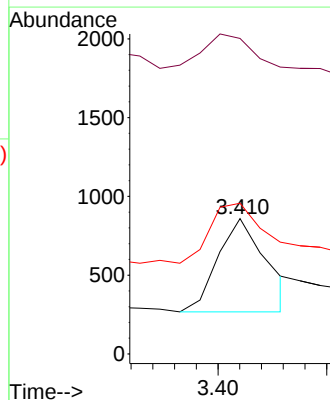
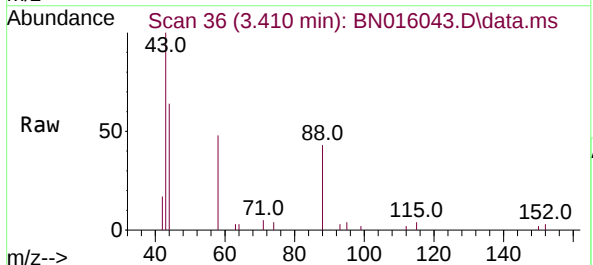
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-300-302

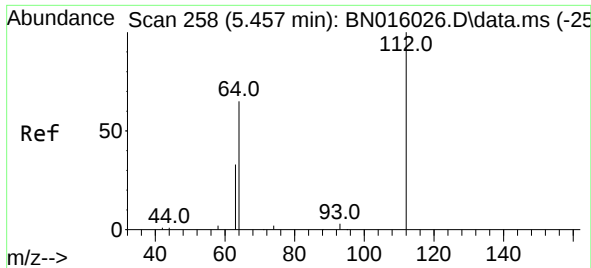
Tgt Ion:152 Resp: 8491
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.5 189.7
 115 70.5 56.5 84.7



#2
 1,4-Dioxane
 Concen: 0.196 ng
 RT: 3.410 min Scan# 36
 Delta R.T. 0.019 min
 Lab File: BN016043.D
 Acq: 24 Aug 2021 22:42

Tgt Ion: 88 Resp: 915
 Ion Ratio Lower Upper
 88 100
 43 36.0 21.0 31.4#
 58 72.3 54.8 82.2

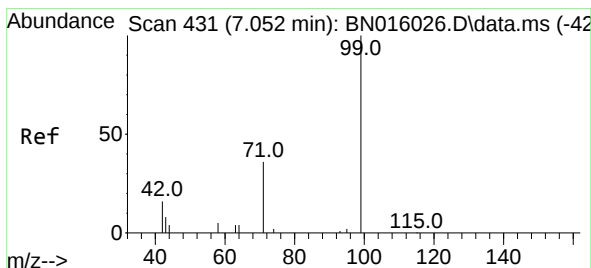
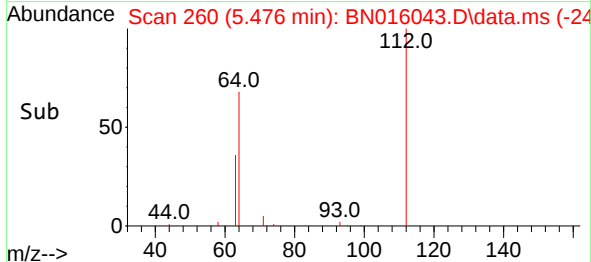
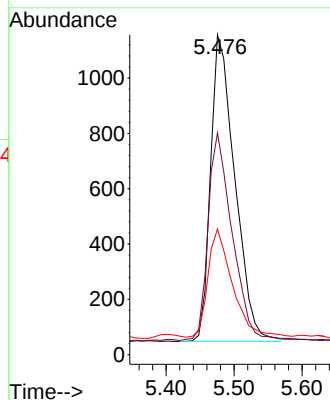
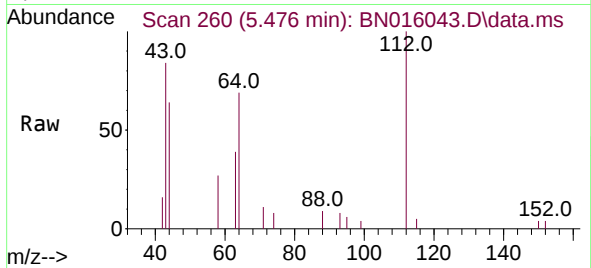




#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.476 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

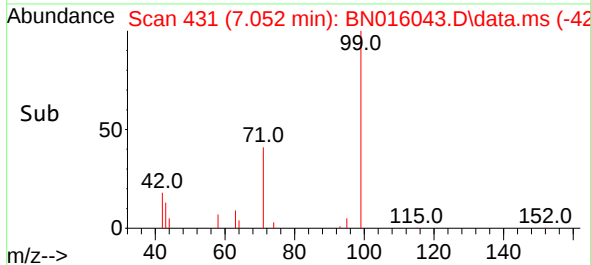
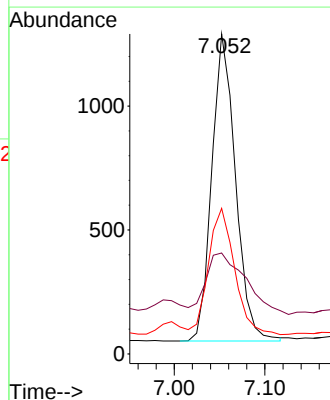
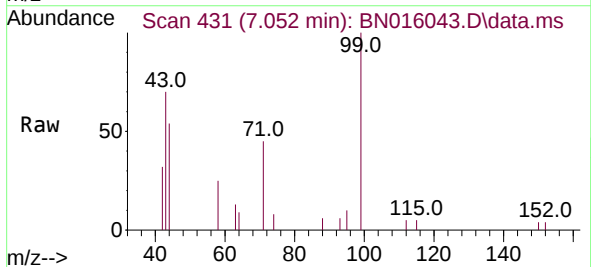
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ClientSampleId :
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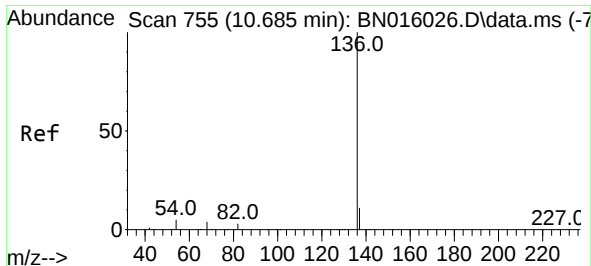
Tgt Ion:	112	Resp:	2740
Ion	Ratio	Lower	Upper
112	100		
64	67.0	52.5	78.7
63	35.5	26.9	40.3



#5
Phenol-d6
Concen: 0.079 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

Tgt Ion:	99	Resp:	2250
Ion	Ratio	Lower	Upper
99	100		
42	29.2	15.6	23.4#
71	45.3	29.8	44.8#

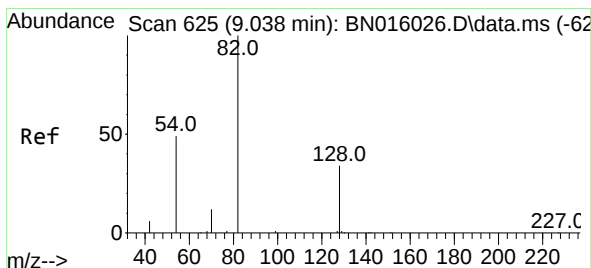
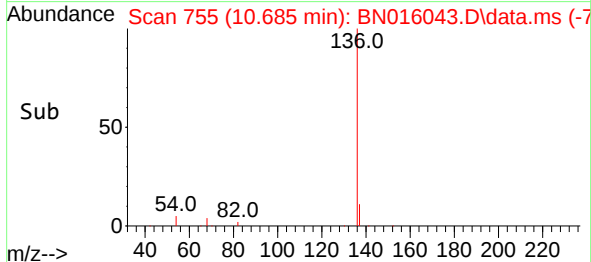
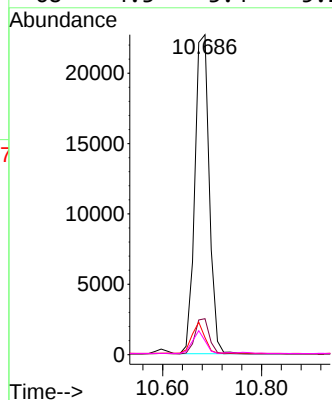
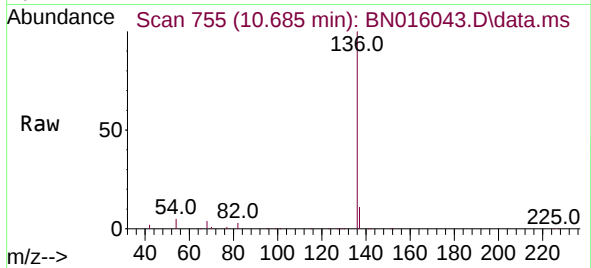




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.685 min Scan# 755
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

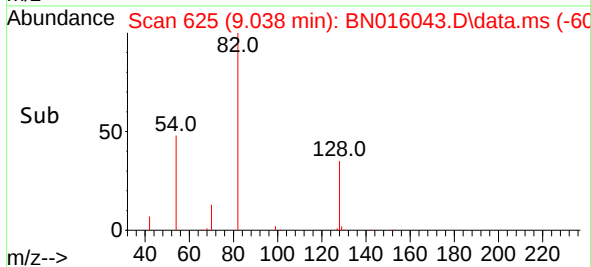
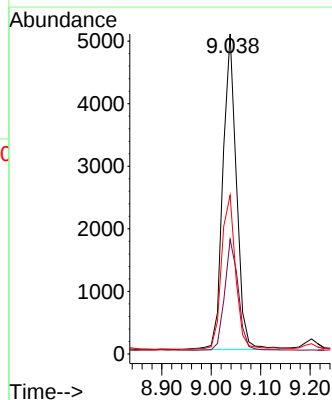
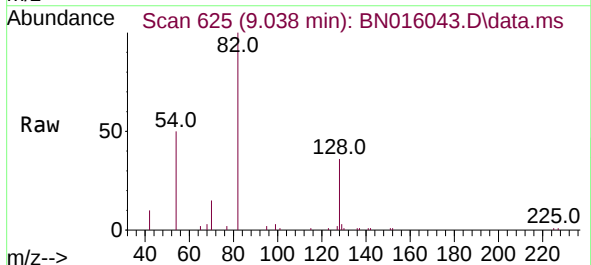
Instrument :
BNA_N
ClientSampleId :
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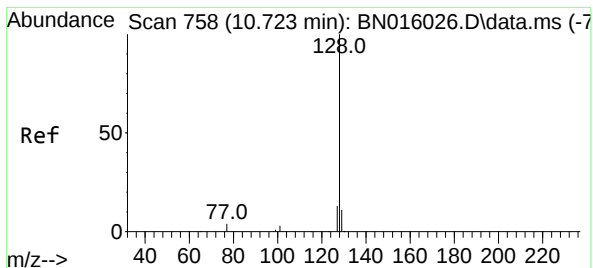
Tgt Ion:	136	Resp:	46009
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	5.3	4.2	6.4
68	4.3	3.4	5.2



#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 9.038 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

Tgt Ion:	82	Resp:	9603
Ion Ratio	Lower	Upper	
82	100		
128	35.8	27.7	41.5
54	49.6	39.4	59.2

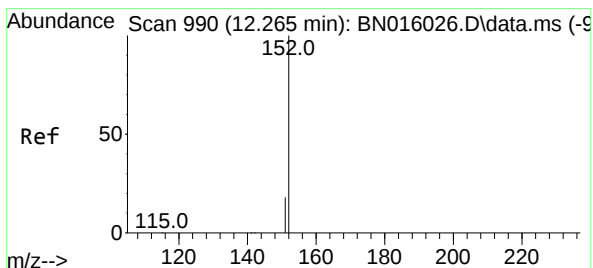
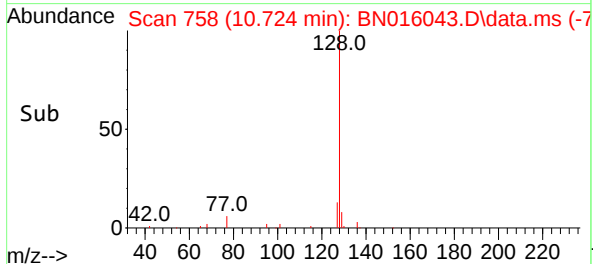
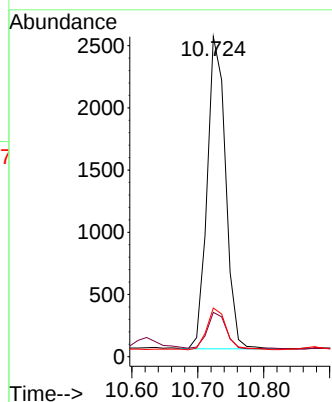
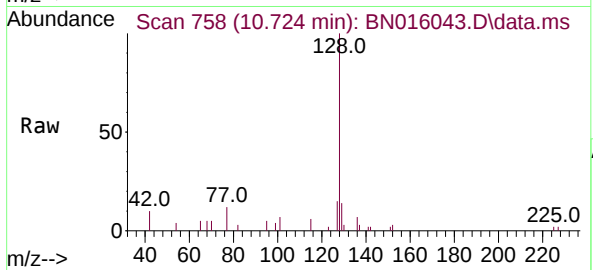




#9
Naphthalene
Concen: 0.040 ng
RT: 10.724 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

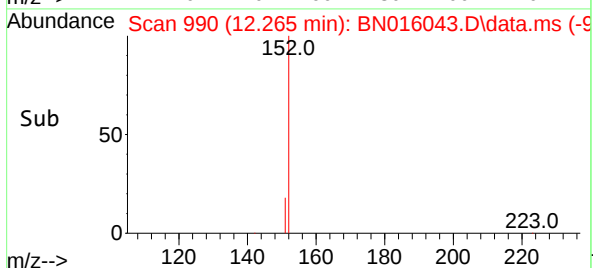
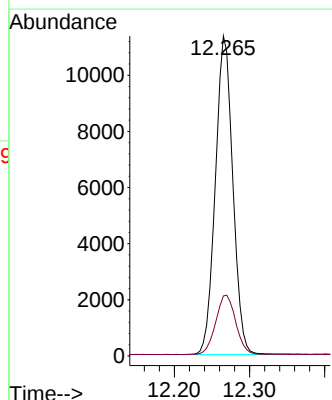
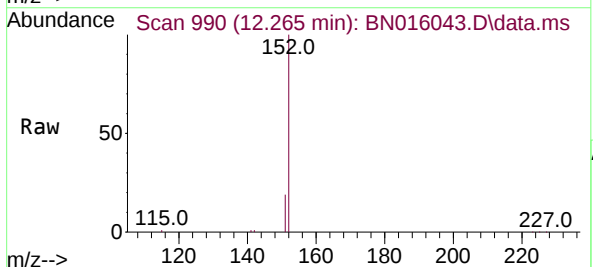
Instrument :
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ClientSampleId :
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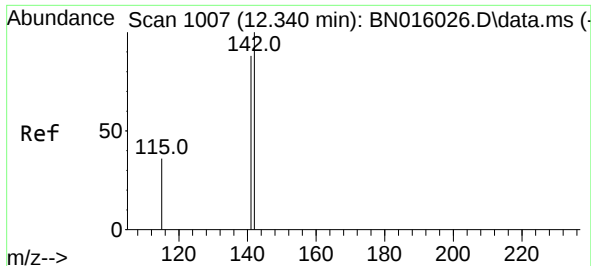
Tgt Ion:128 Resp: 4870
Ion Ratio Lower Upper
128 100
129 13.9 8.9 13.3#
127 15.2 10.7 16.1



#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 12.265 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

Tgt Ion:152 Resp: 18360
Ion Ratio Lower Upper
152 100
151 21.3 16.6 24.8

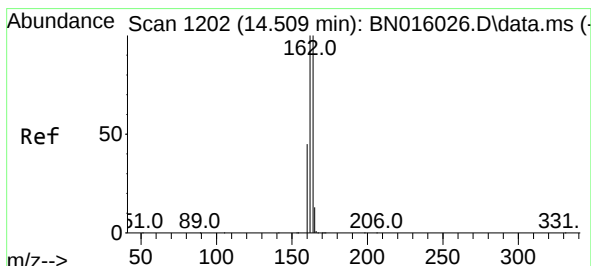
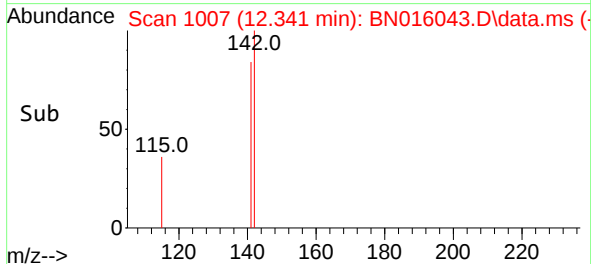
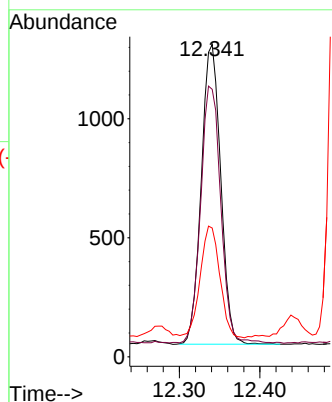
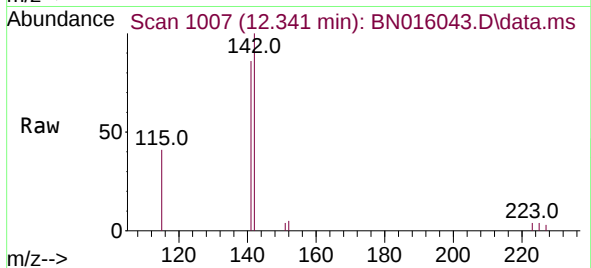




#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.341 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

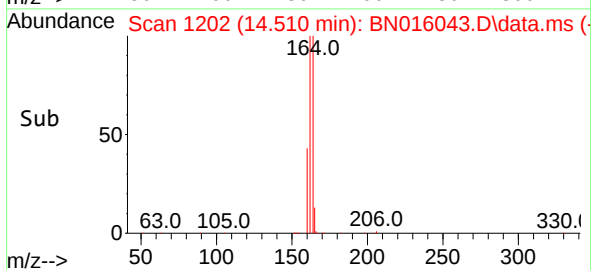
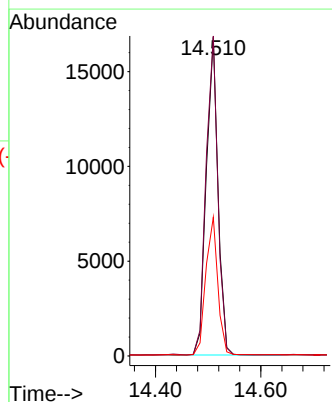
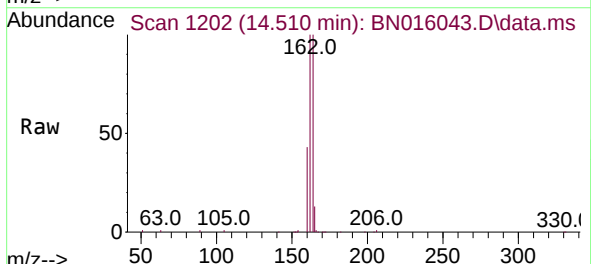
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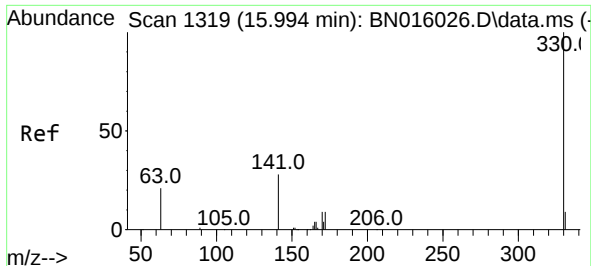
Tgt Ion:	142	Resp:	2109
Ion Ratio	Lower	Upper	
142	100		
141	85.7	70.3	105.5
115	41.2	28.7	43.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.510 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

Tgt Ion:	164	Resp:	25767
Ion Ratio	Lower	Upper	
164	100		
162	100.4	80.2	120.4
160	43.5	35.9	53.9

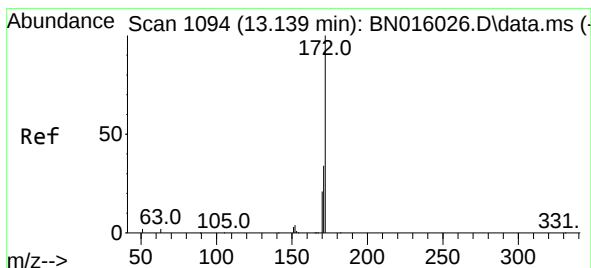
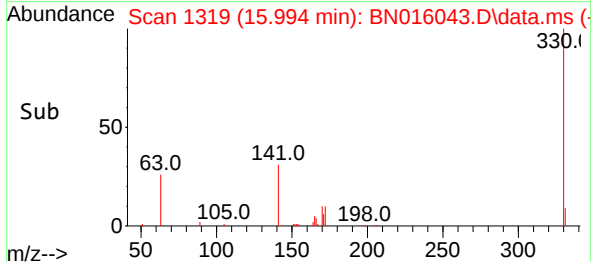
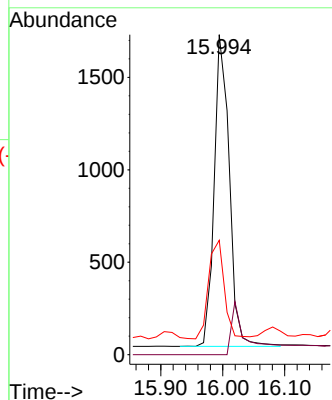
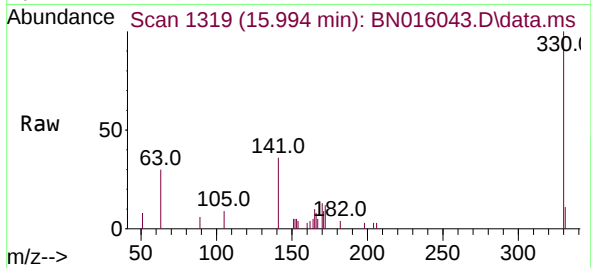




#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

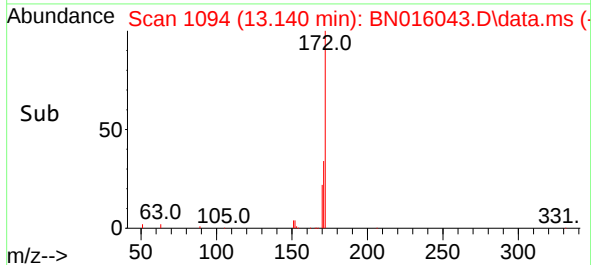
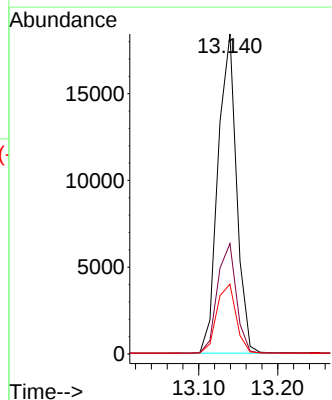
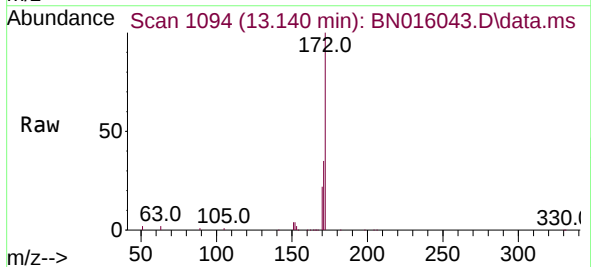
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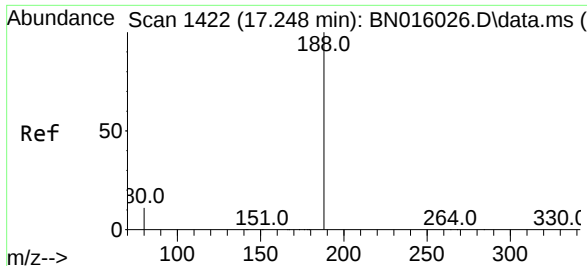
Tgt Ion:330 Resp: 2817
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.3 24.6 36.8



#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 13.140 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

Tgt Ion:172 Resp: 30068
Ion Ratio Lower Upper
172 100
171 34.5 27.1 40.7
170 21.8 17.3 25.9

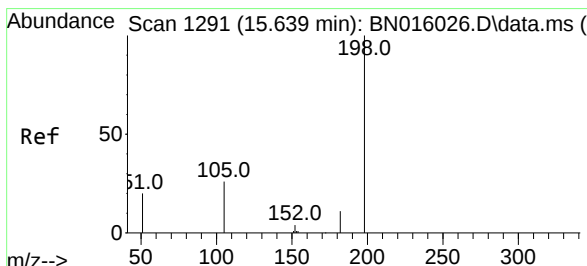
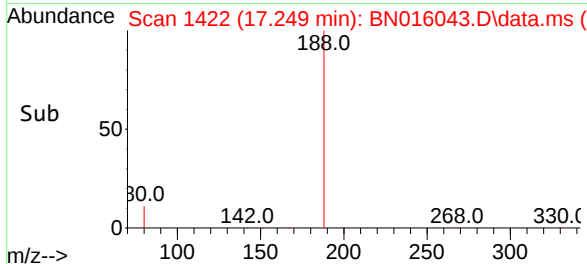
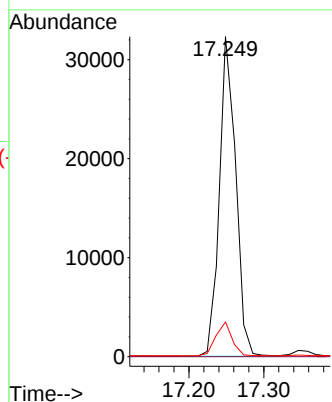
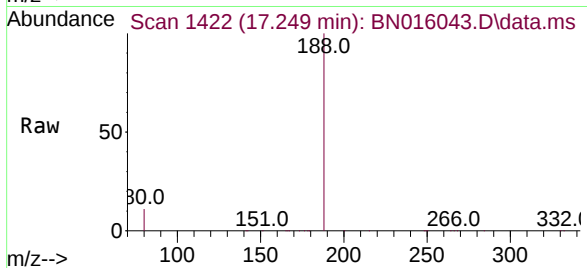




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

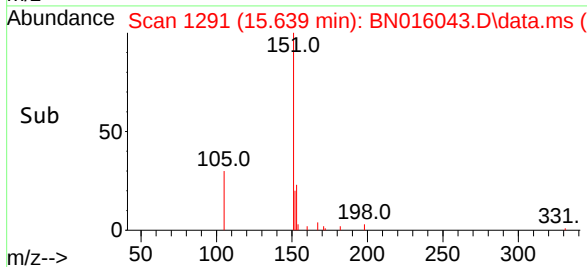
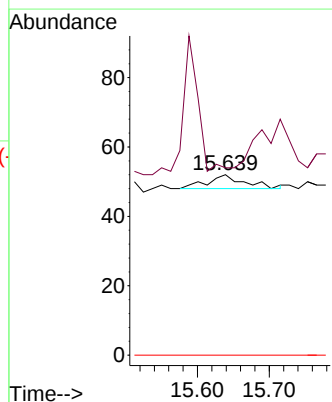
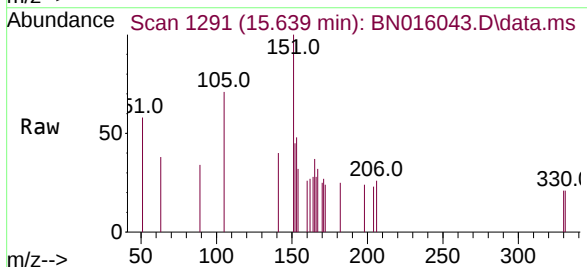
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BP-TT-VPB-RW7-GW-300-302

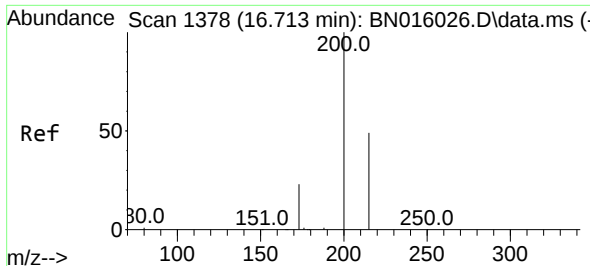
Tgt Ion:188 Resp: 48840
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.0 13.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.112 ng
RT: 15.639 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 103.8 16.8 25.2#
77 0.0 0.0 0.0

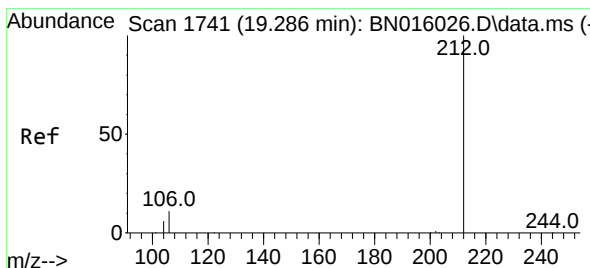
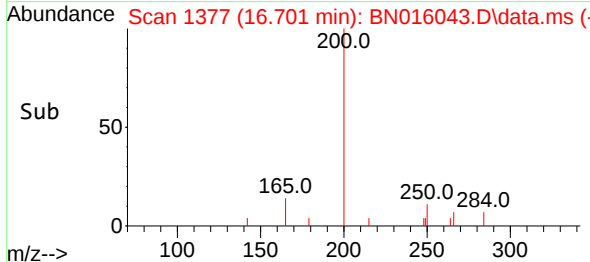
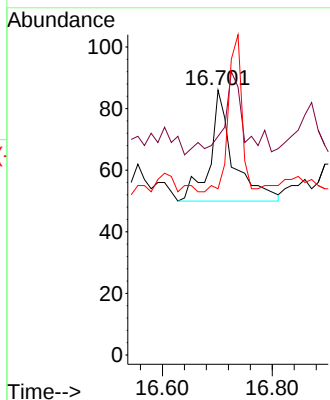
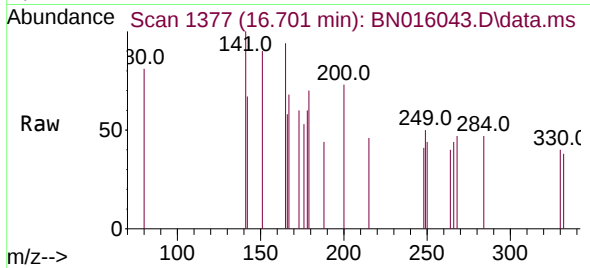




#23
Atrazine
Concen: 0.152 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.012 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

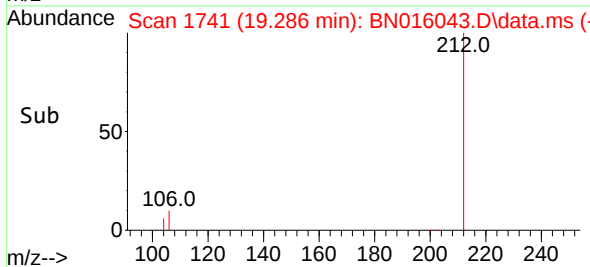
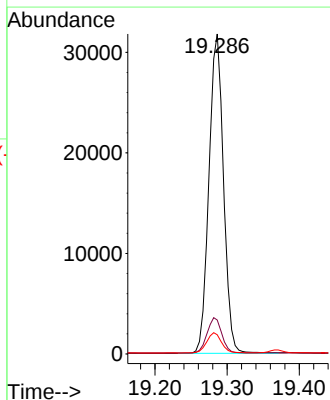
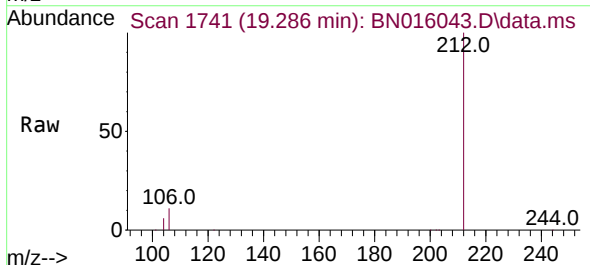
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-300-302

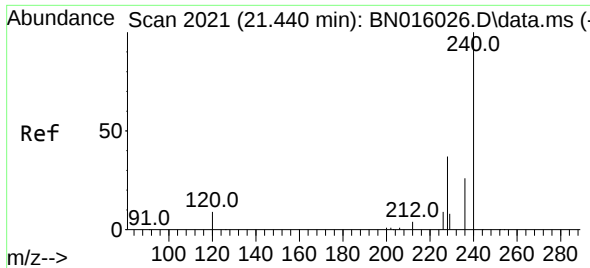
Tgt Ion:200 Resp: 106
Ion Ratio Lower Upper
200 100
173 82.6 19.7 29.5#
215 62.8 39.5 59.3#



#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.286 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

Tgt Ion:212 Resp: 44518
Ion Ratio Lower Upper
212 100
106 11.1 9.4 14.2
104 6.4 5.4 8.0

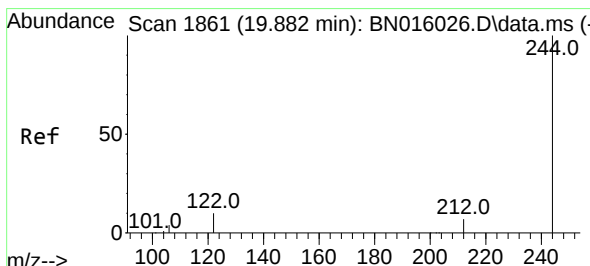
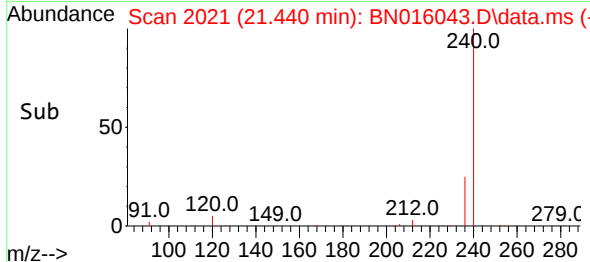
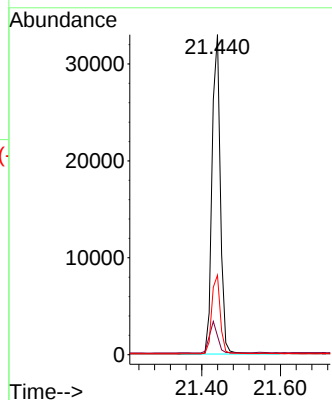
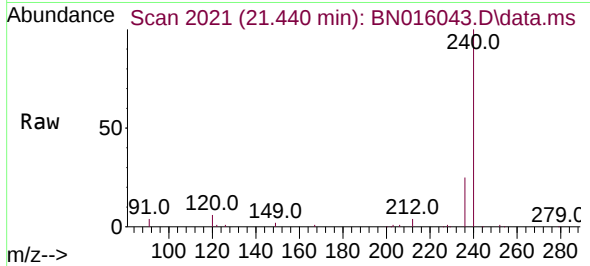




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

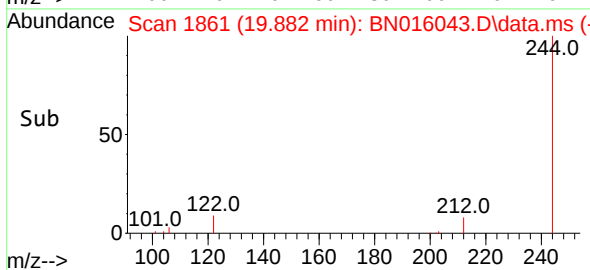
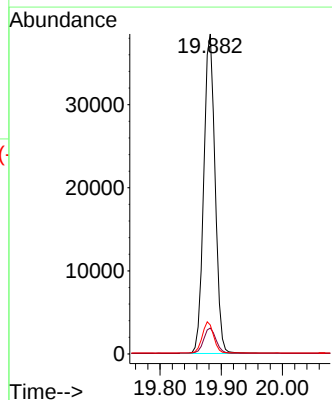
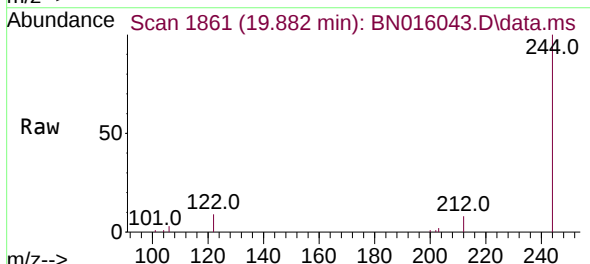
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-300-302

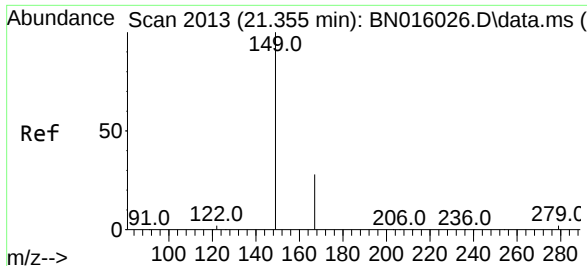
Tgt Ion:240 Resp: 48525
Ion Ratio Lower Upper
240 100
120 5.8 7.8 11.6#
236 24.9 21.0 31.6



#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.882 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BN016043.D
Acq: 24 Aug 2021 22:42

Tgt Ion:244 Resp: 49439
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 9.0 8.5 12.7

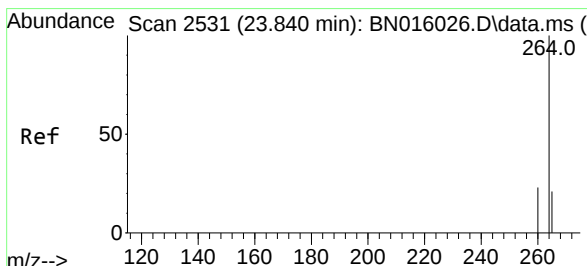
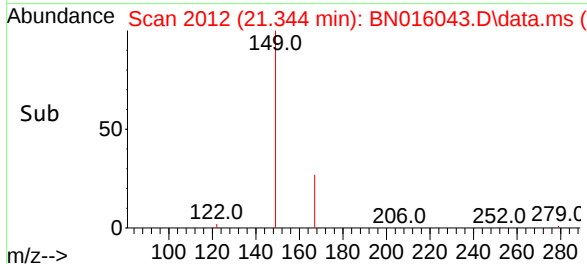
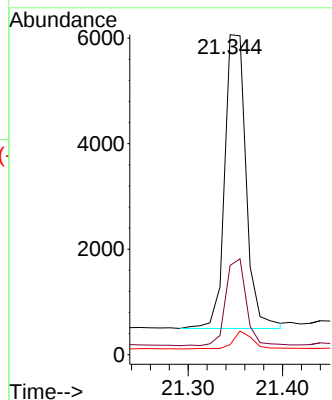
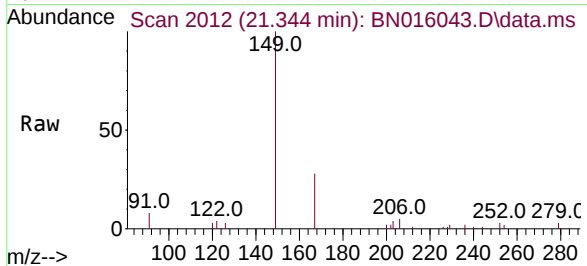




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.223 ng
 RT: 21.344 min Scan# 2012
 Delta R.T. -0.010 min
 Lab File: BN016043.D
 Acq: 24 Aug 2021 22:42

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-300-302

Tgt Ion:149 Resp: 8758
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.8 34.2
 279 5.5 4.1 6.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.830 min Scan# 2528
 Delta R.T. -0.010 min
 Lab File: BN016043.D
 Acq: 24 Aug 2021 22:42

Tgt Ion:264 Resp: 48380
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 26.5 22.7 34.1

