

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
 Data File : BN016279.D
 Acq On : 10 Sep 2021 05:44
 Operator : CG/JU
 Sample : M3620-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-640-642

Quant Time: Sep 10 06:12:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 09 15:19:08 2021
 Response via : Initial Calibration

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

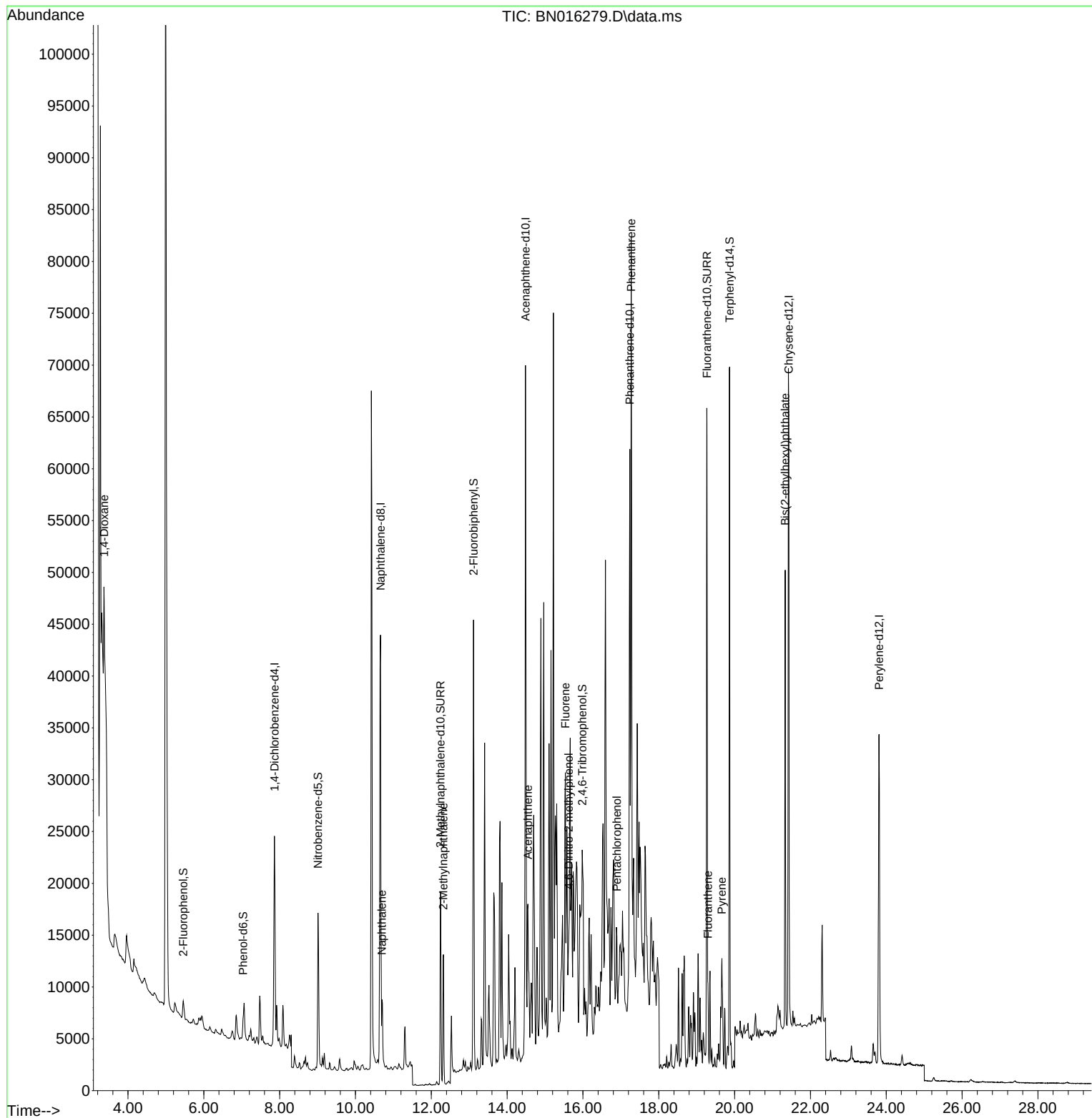
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	12558	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	64556	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	36991	0.400	ng	-0.01
19) Phenanthrene-d10	17.237	188	73558	0.400	ng	0.00
29) Chrysene-d12	21.429	240	69928	0.400	ng	0.00
35) Perylene-d12	23.810	264	47932	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	2456	0.077	ng	0.00
5) Phenol-d6	7.034	99	2027	0.051	ng	0.00
8) Nitrobenzene-d5	9.013	82	13940	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	26670	0.265	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	2871	0.189	ng	0.00
15) 2-Fluorobiphenyl	13.114	172	38793	0.268	ng	0.00
27) Fluoranthene-d10	19.271	212	74226	0.343	ng	0.00
31) Terphenyl-d14	19.867	244	70770	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	13216	2.966	ng	95
9) Naphthalene	10.698	128	9373	0.054	ng	97
12) 2-Methylnaphthalene	12.318	142	9558	0.082	ng	99
17) Acenaphthene	14.548	154	5149	0.048	ng	# 73
18) Fluorene	15.537	166	13336	0.100	ng	# 76
20) 4,6-Dinitro-2-methylph...	15.626	198	863	0.470	ng	# 68
24) Pentachlorophenol	16.896	266	833	0.235	ng	97
25) Phenanthrene	17.273	178	82103	0.384	ng	# 92
28) Fluoranthene	19.296	202	6500	0.026	ng	# 91
30) Pyrene	19.664	202	12784	0.054	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.334	149	38748	0.289	ng	99

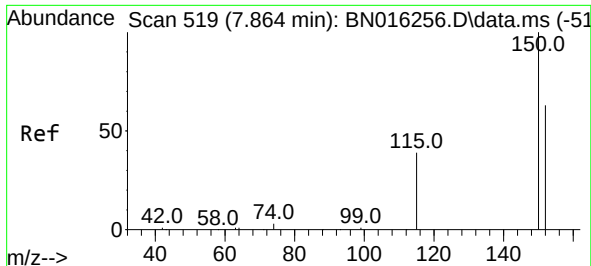
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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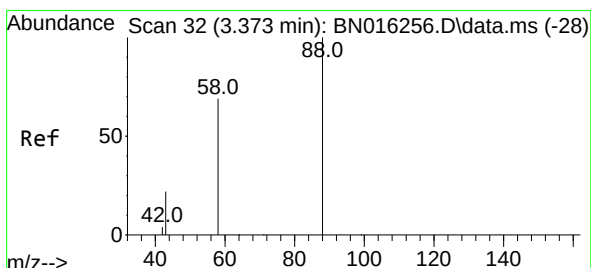
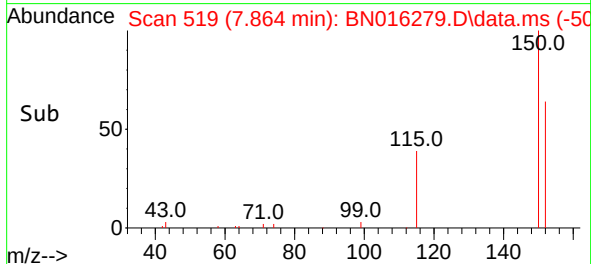
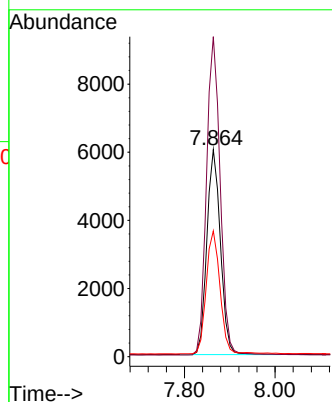
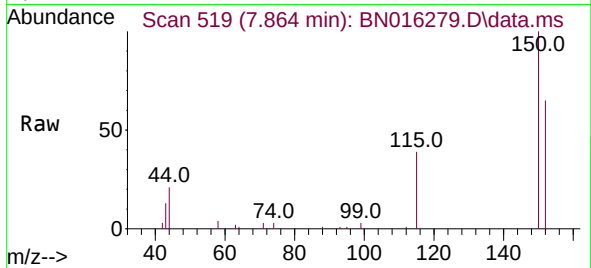




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

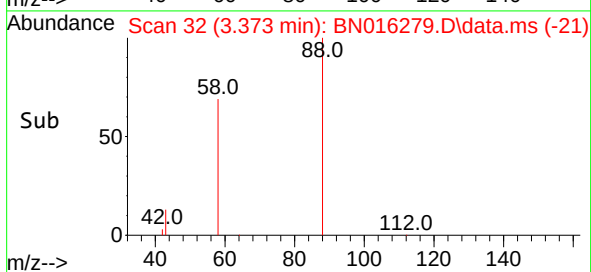
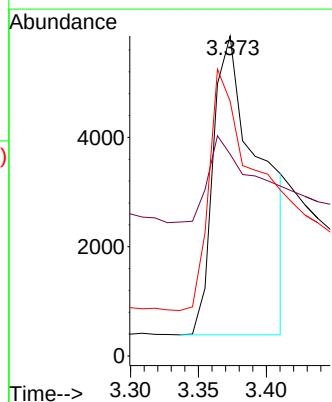
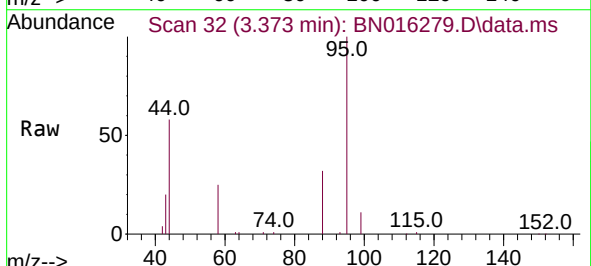
Instrument :
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ClientSampleId :
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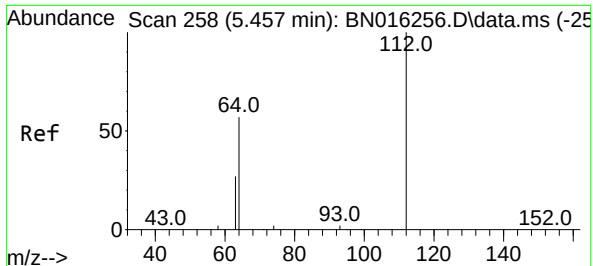
Tgt Ion:152 Resp: 12558
Ion Ratio Lower Upper
152 100
150 154.5 125.6 188.4
115 60.7 50.2 75.2



#2
1,4-Dioxane
Concen: 2.966 ng
RT: 3.373 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion: 88 Resp: 13216
Ion Ratio Lower Upper
88 100
43 27.9 20.3 30.5
58 82.3 69.9 104.9

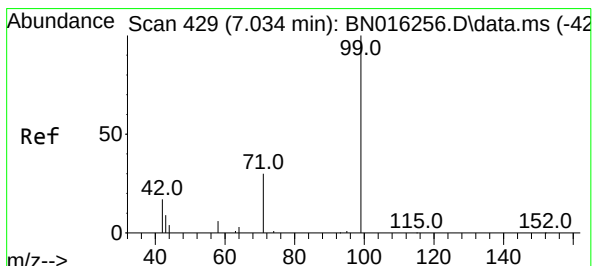
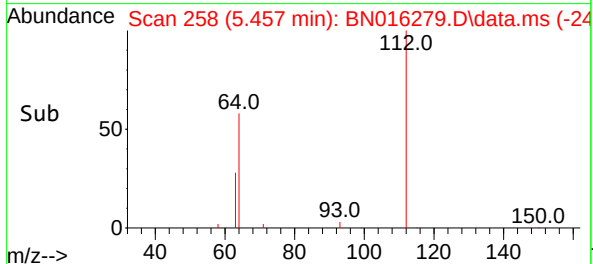
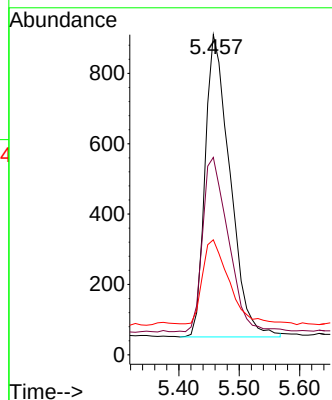
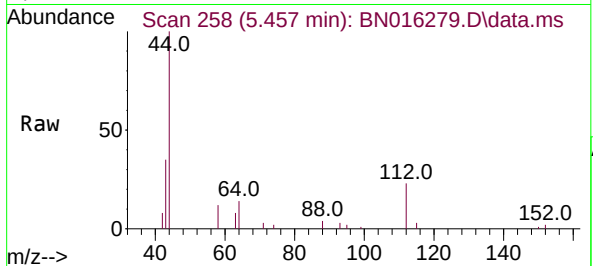




#4
2-Fluorophenol
Concen: 0.077 ng
RT: 5.457 min Scan# 258
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

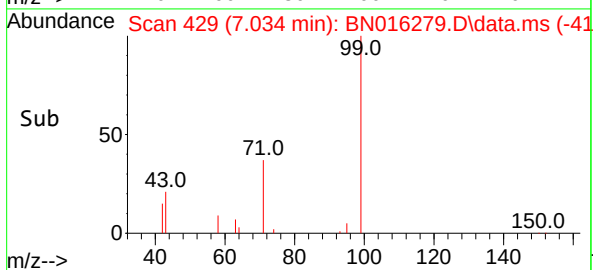
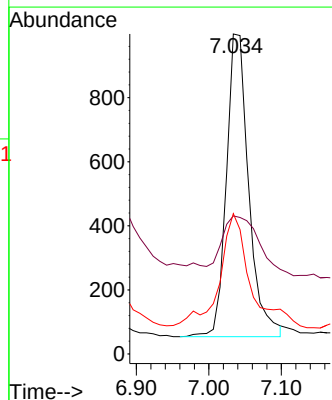
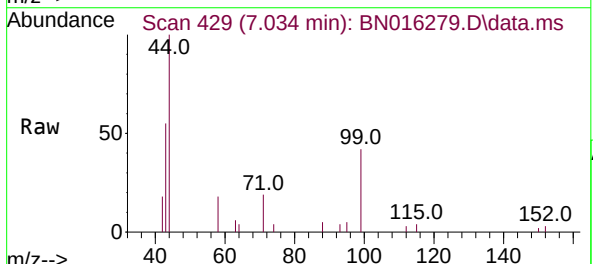
Instrument :
BNA_N
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BP-TT-VPB-RW7-GW-640-642

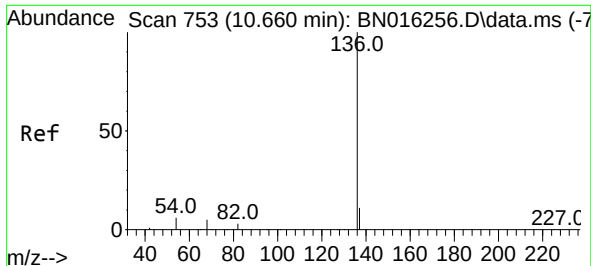
Tgt Ion:	112	Resp:	2456
Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.3	70.9
63	29.3	23.4	35.0



#5
Phenol-d6
Concen: 0.051 ng
RT: 7.034 min Scan# 429
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion:	99	Resp:	2027
Ion	Ratio	Lower	Upper
99	100		
42	26.5	14.0	21.0#
71	46.1	23.8	35.6#

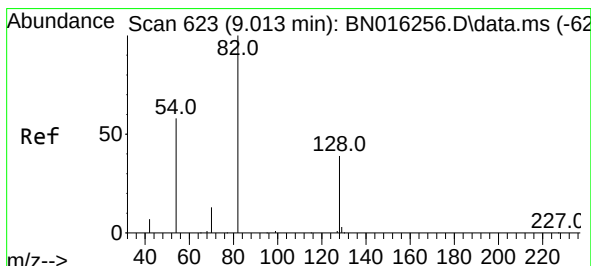
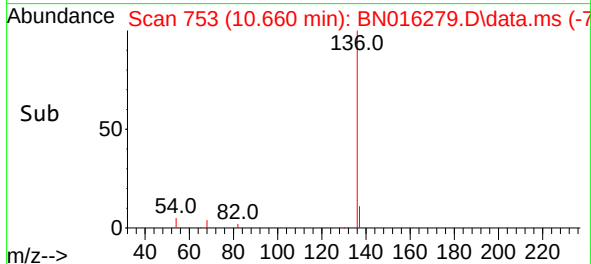
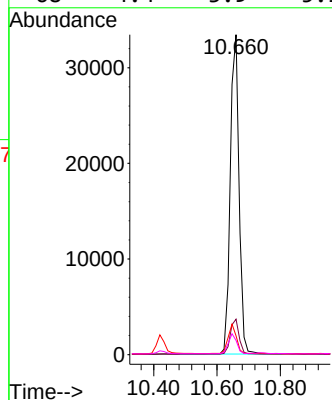
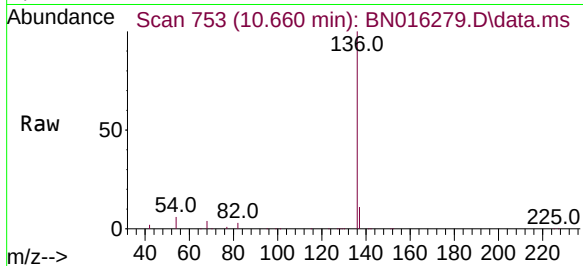




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

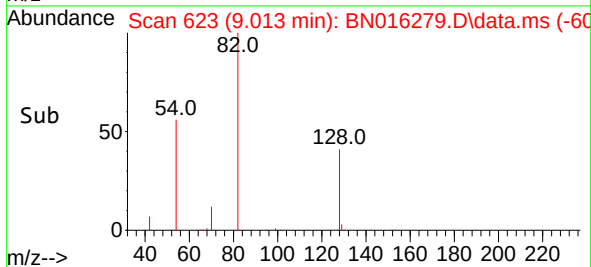
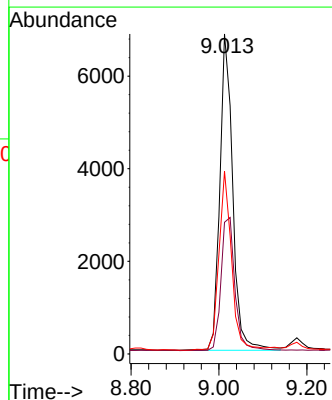
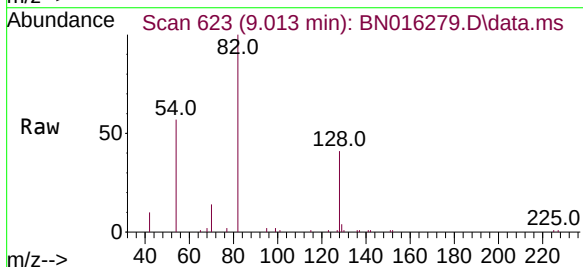
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

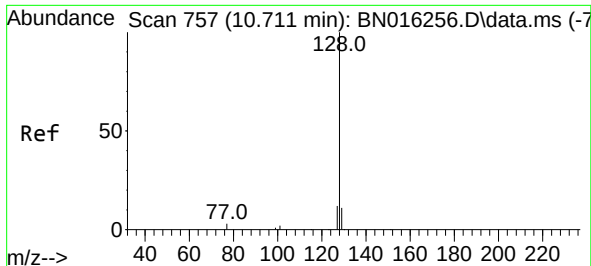
Tgt Ion:	136	Resp:	64556
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	5.9	5.3	7.9
68	4.4	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 9.013 min Scan# 623
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion:	82	Resp:	13940
Ion Ratio	Lower	Upper	
82	100		
128	41.2	31.7	47.5
54	57.1	46.4	69.6

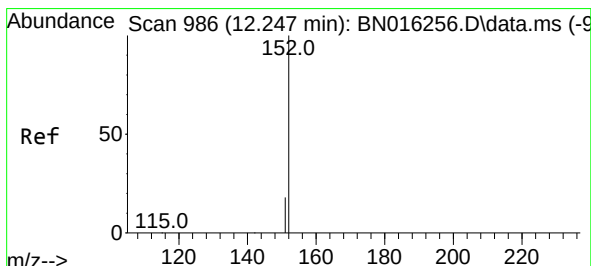
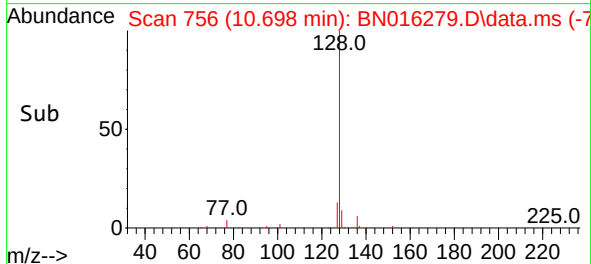
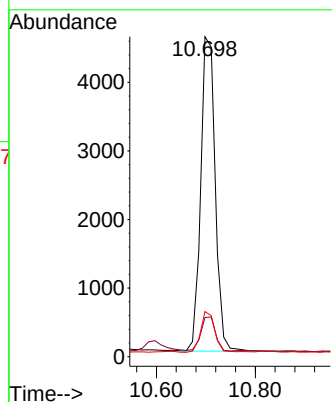
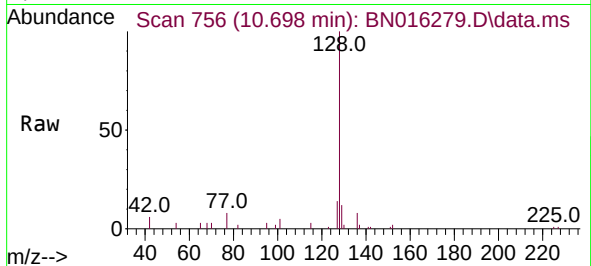




#9
Naphthalene
Concen: 0.054 ng
RT: 10.698 min Scan# 756
Delta R.T. -0.013 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

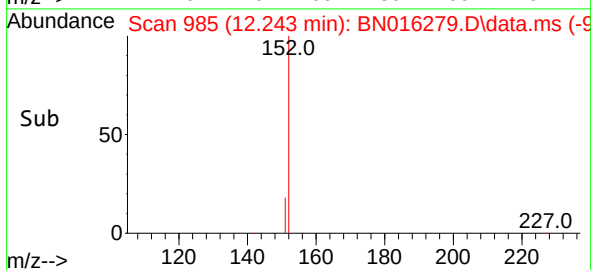
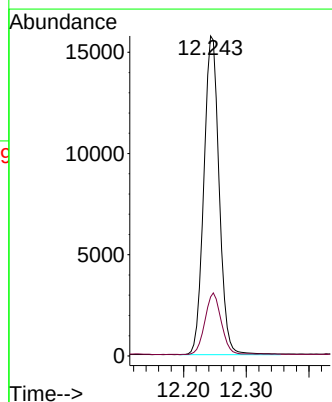
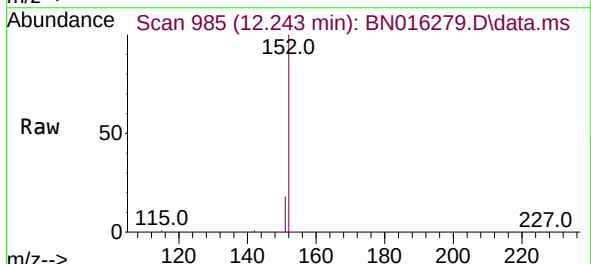
Instrument :
BNA_N
ClientSampleId :
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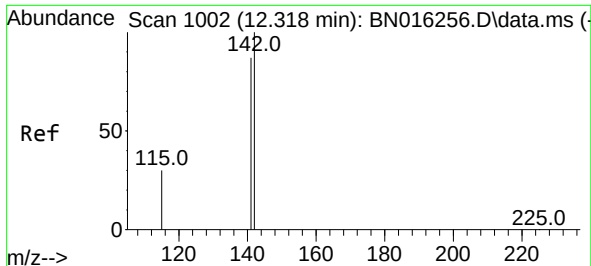
Tgt Ion:128 Resp: 9373
Ion Ratio Lower Upper
128 100
129 12.3 8.9 13.3
127 14.1 10.1 15.1



#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 12.243 min Scan# 985
Delta R.T. -0.005 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion:152 Resp: 26670
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1

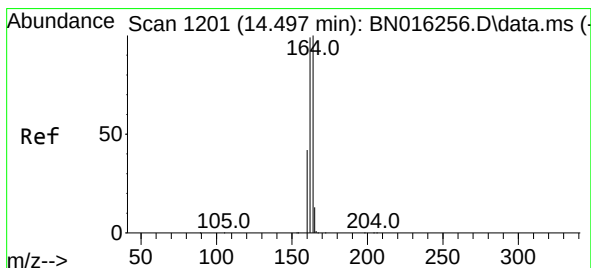
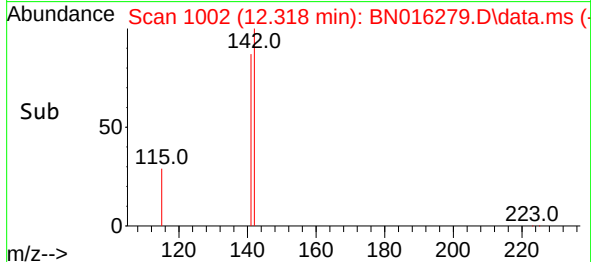
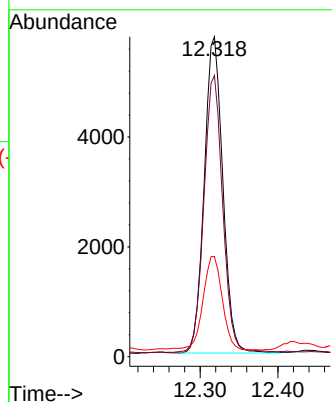
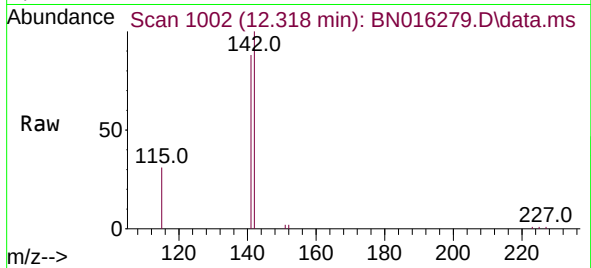




#12
2-Methylnaphthalene
Concen: 0.082 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

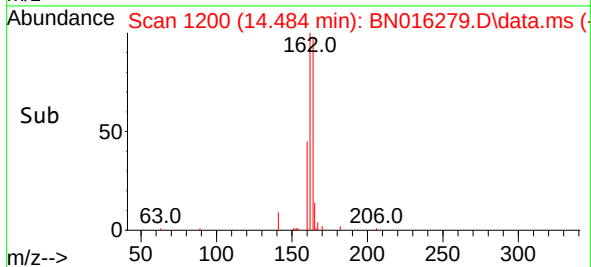
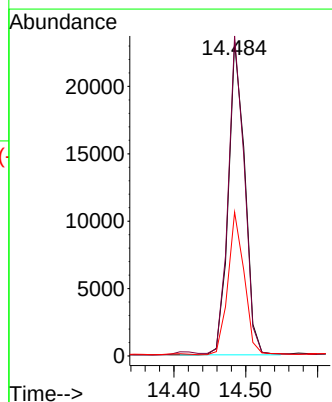
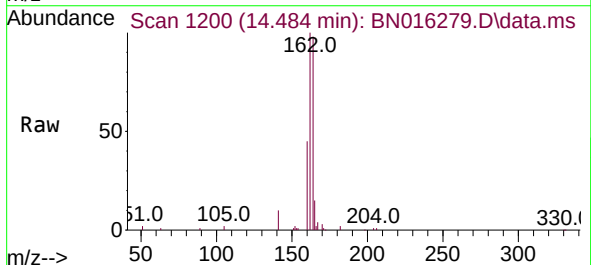
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ClientSampleId :
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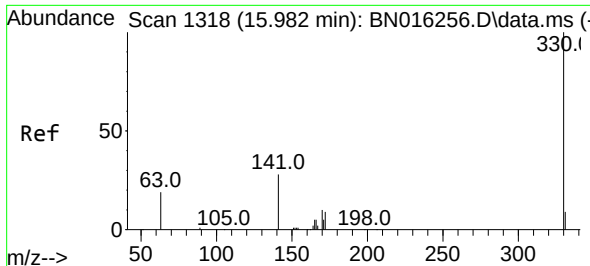
Tgt Ion:142 Resp: 9558
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.8
115 31.3 24.4 36.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1200
Delta R.T. -0.013 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion:164 Resp: 36991
Ion Ratio Lower Upper
164 100
162 102.0 79.0 118.4
160 45.8 34.1 51.1

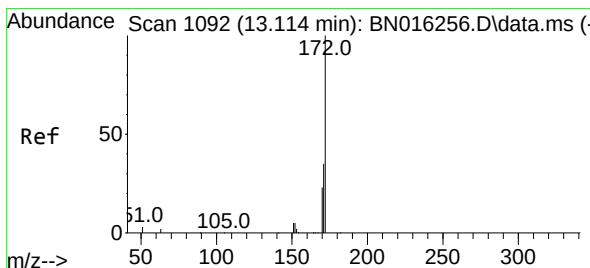
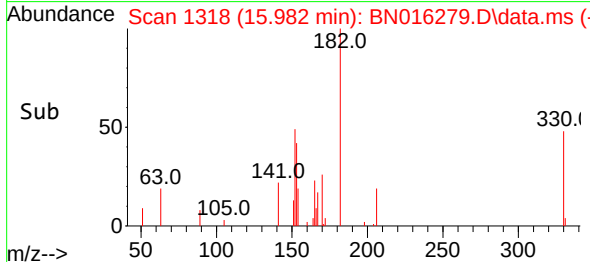
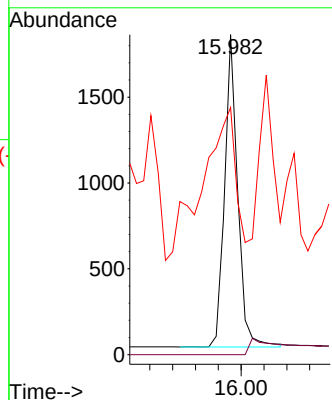
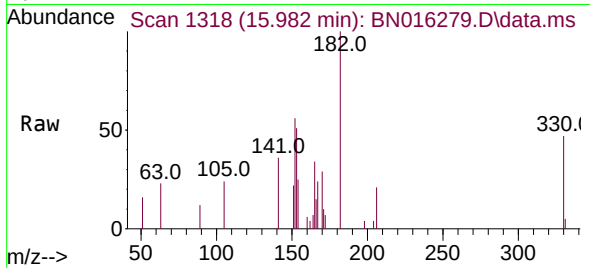




#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 15.982 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

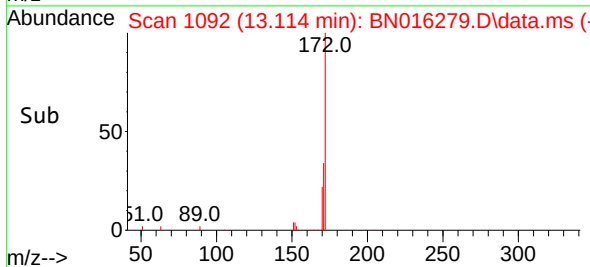
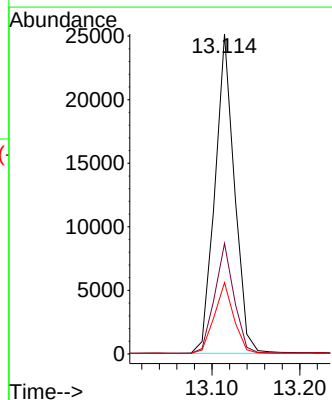
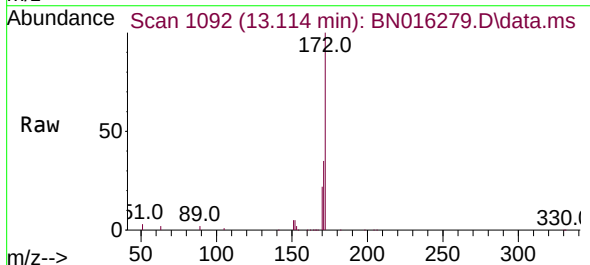
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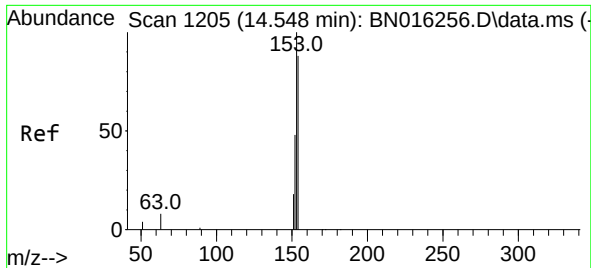
Tgt Ion: 330 Resp: 2871
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 85.1 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion: 172 Resp: 38793
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 22.3 18.2 27.2

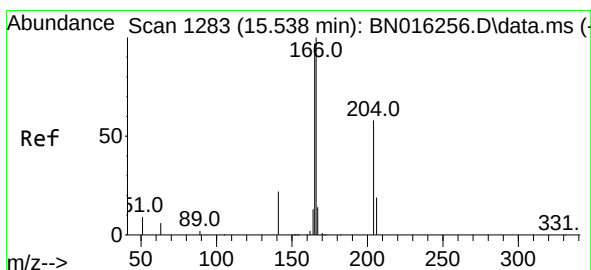
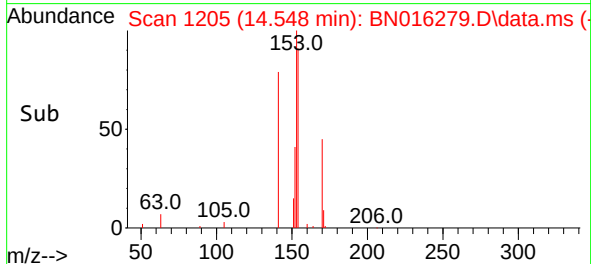
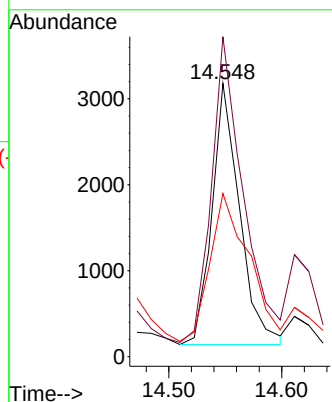
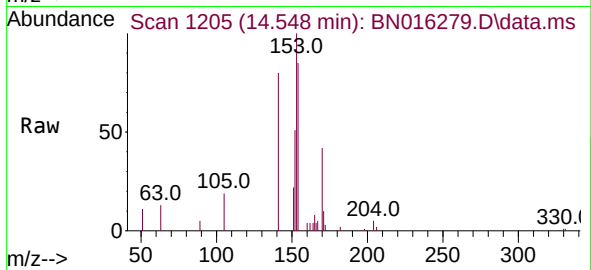




#17
Acenaphthene
Concen: 0.048 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

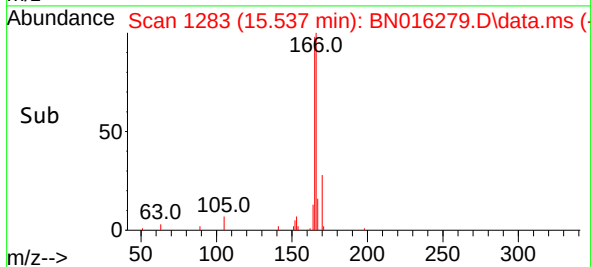
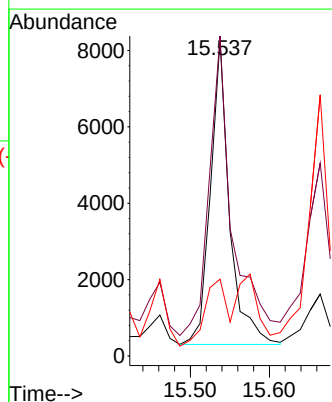
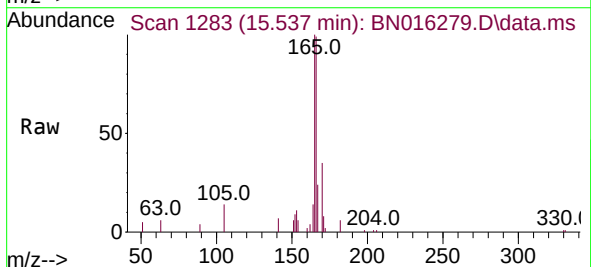
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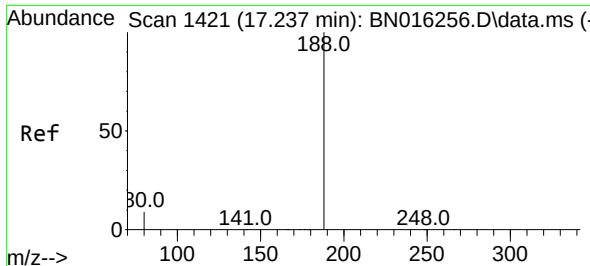
Tgt Ion:154 Resp: 5149
Ion Ratio Lower Upper
154 100
153 134.4 89.3 133.9#
152 79.5 42.2 63.4#



#18
Fluorene
Concen: 0.100 ng
RT: 15.537 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion:166 Resp: 13336
Ion Ratio Lower Upper
166 100
165 118.5 76.7 115.1#
167 25.6 10.9 16.3#

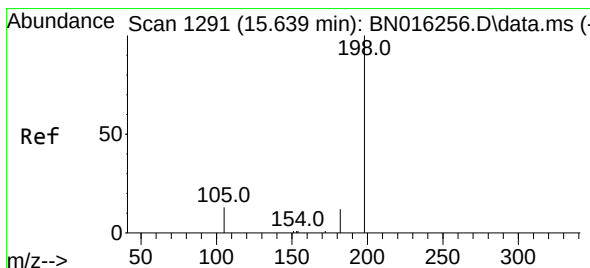
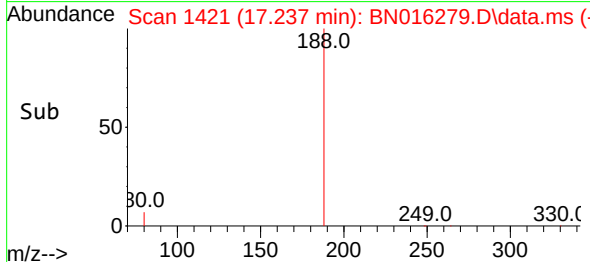
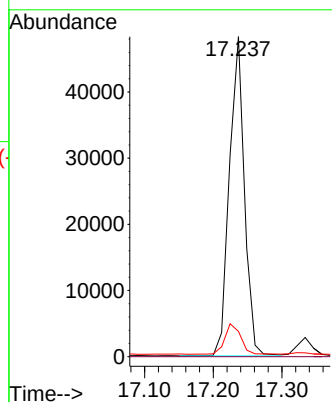
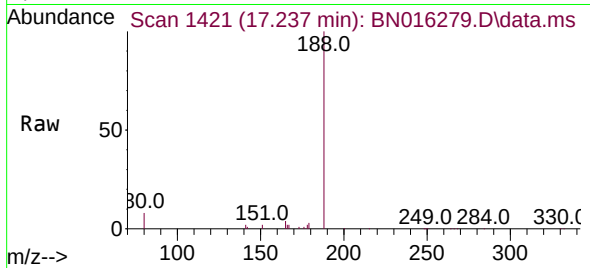




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

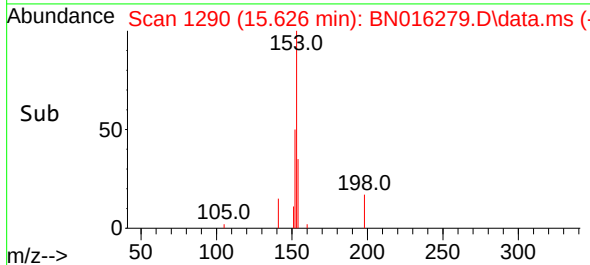
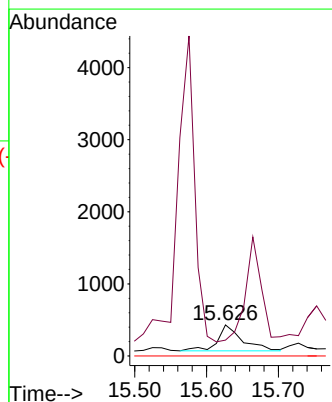
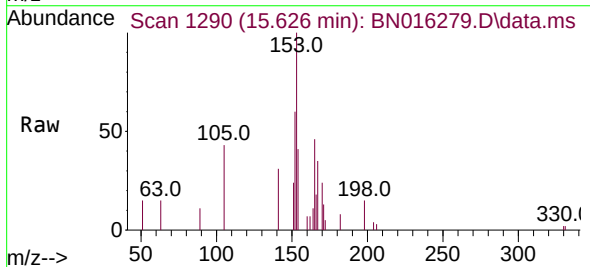
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

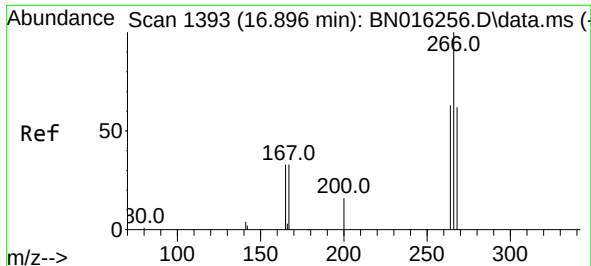
Tgt Ion:188 Resp: 73558
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.470 ng
RT: 15.626 min Scan# 1290
Delta R.T. -0.013 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion:198 Resp: 863
Ion Ratio Lower Upper
198 100
182 51.3 26.6 39.8#
77 0.0 0.0 0.0

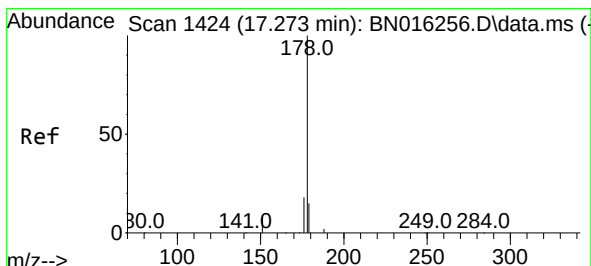
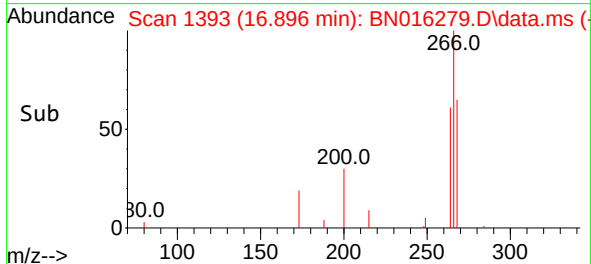
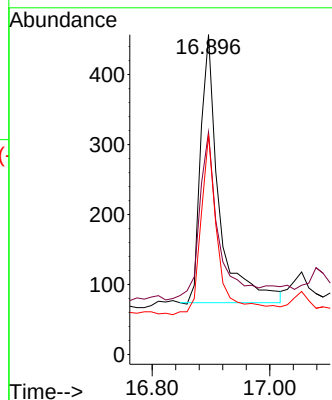
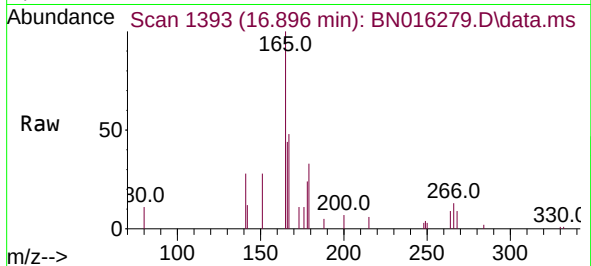




#24
Pentachlorophenol
Concen: 0.235 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

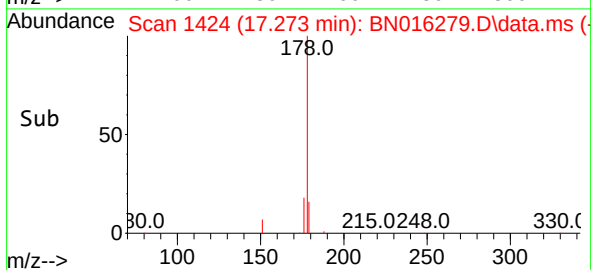
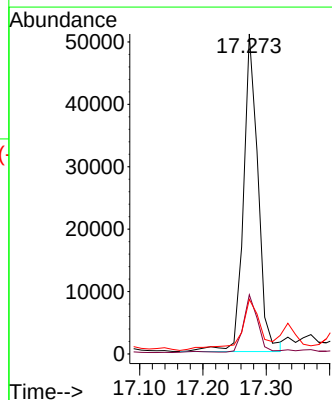
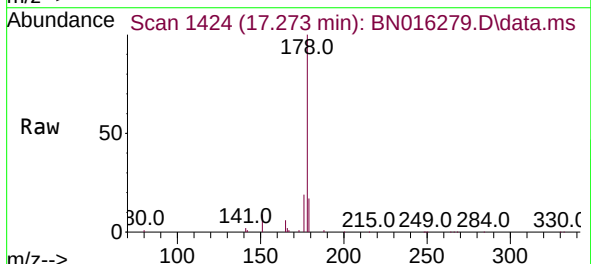
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

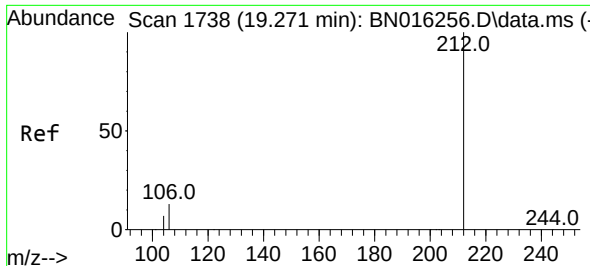
Tgt Ion:	266	Resp:	833
Ion	Ratio	Lower	Upper
266	100		
264	65.7	50.6	75.8
268	64.1	52.6	79.0



#25
Phenanthrene
Concen: 0.384 ng
RT: 17.273 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion:	178	Resp:	82103
Ion	Ratio	Lower	Upper
178	100		
176	17.2	14.4	21.6
179	21.4	12.2	18.4

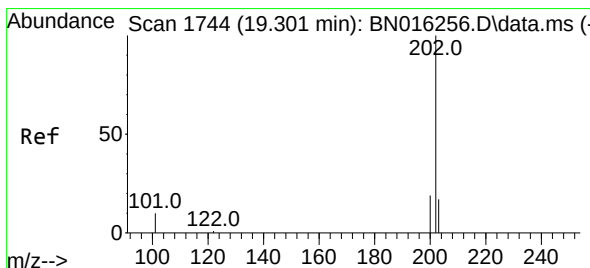
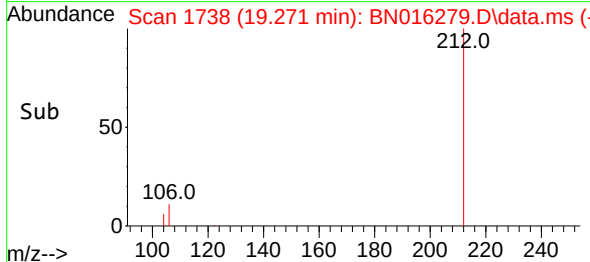
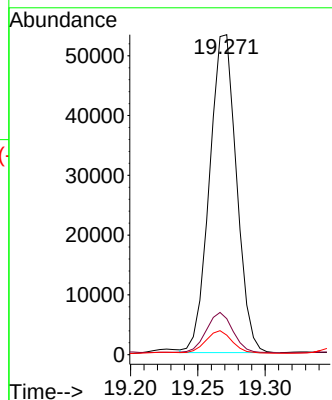
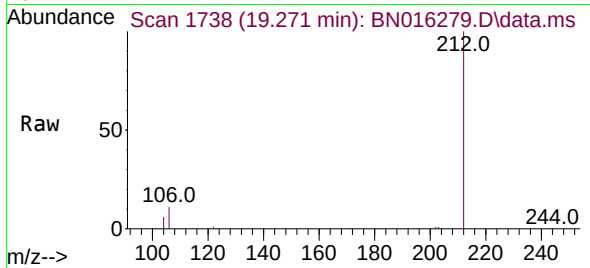




#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.271 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

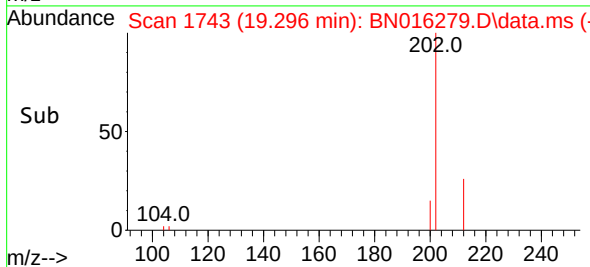
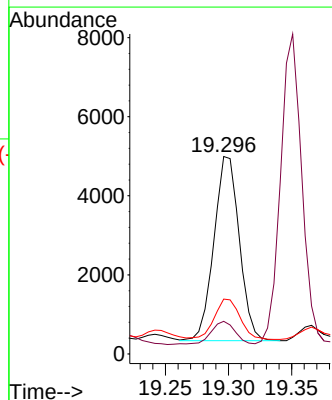
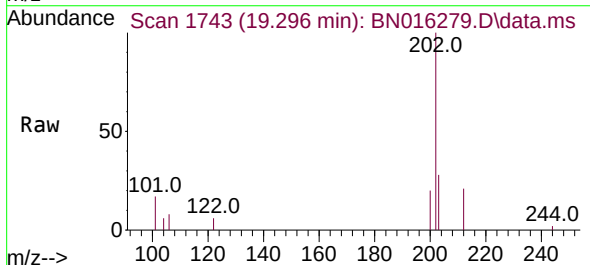
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

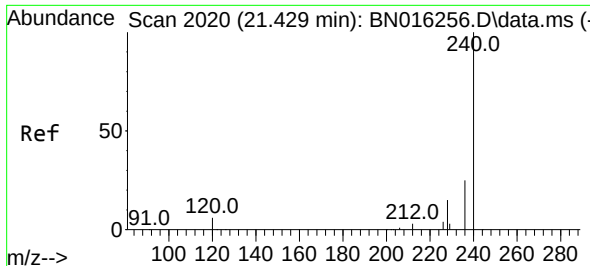
Tgt Ion:212 Resp: 74226
Ion Ratio Lower Upper
212 100
106 12.8 9.8 14.6
104 7.2 5.4 8.2



#28
Fluoranthene
Concen: 0.026 ng
RT: 19.296 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion:202 Resp: 6500
Ion Ratio Lower Upper
202 100
101 12.4 8.5 12.7
203 22.2 13.8 20.8#

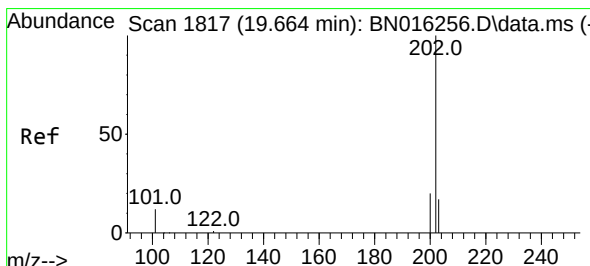
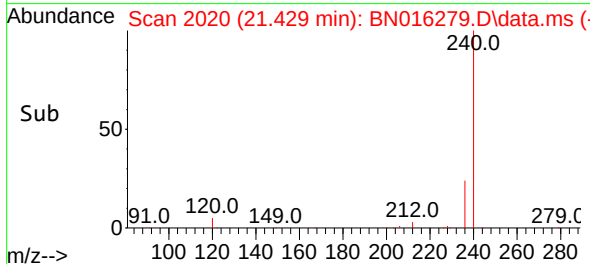
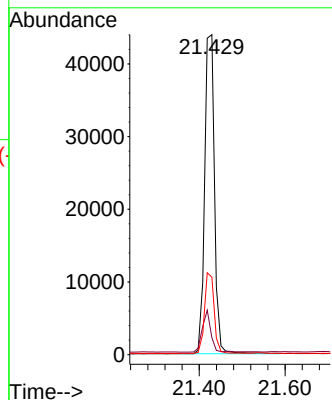
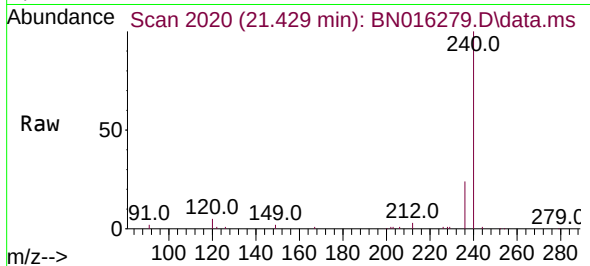




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

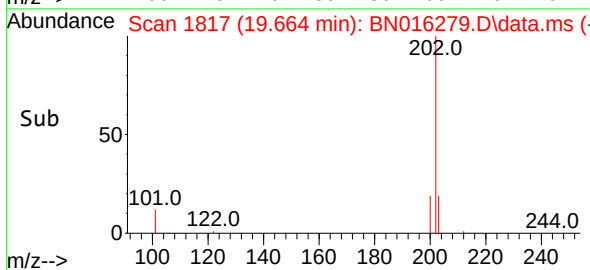
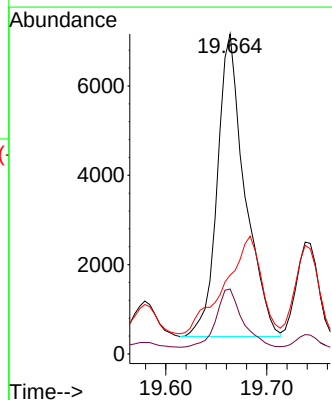
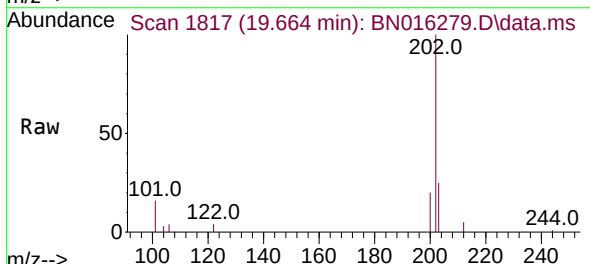
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-640-642

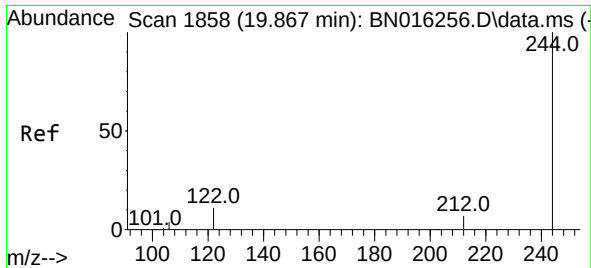
Tgt Ion:240 Resp: 69928
Ion Ratio Lower Upper
240 100
120 5.3 5.3 7.9
236 24.2 19.8 29.8



#30
Pyrene
Concen: 0.054 ng
RT: 19.664 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BN016279.D
Acq: 10 Sep 2021 05:44

Tgt Ion:202 Resp: 12784
Ion Ratio Lower Upper
202 100
200 18.9 15.8 23.6
203 42.7 13.9 20.9#

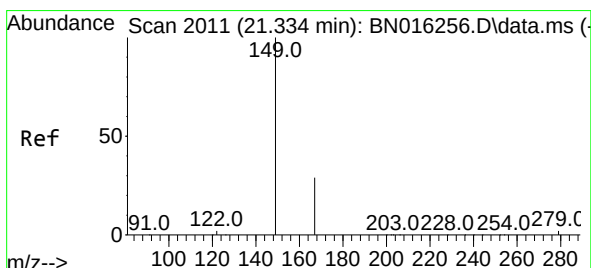
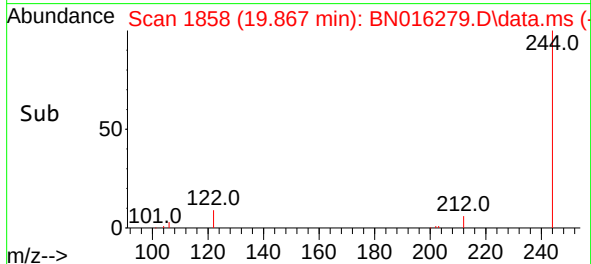
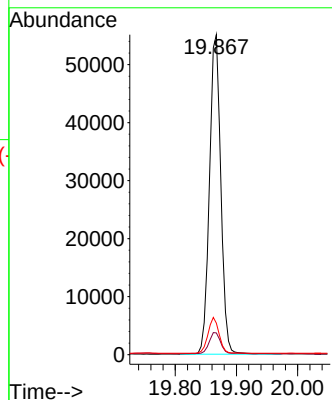
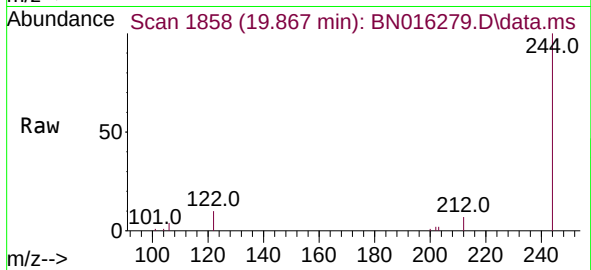




#31
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 19.867 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: BN016279.D
 Acq: 10 Sep 2021 05:44

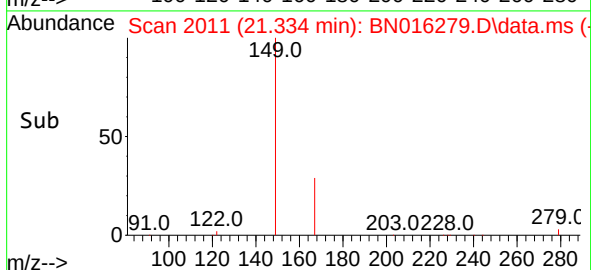
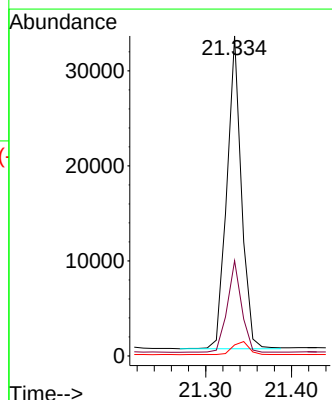
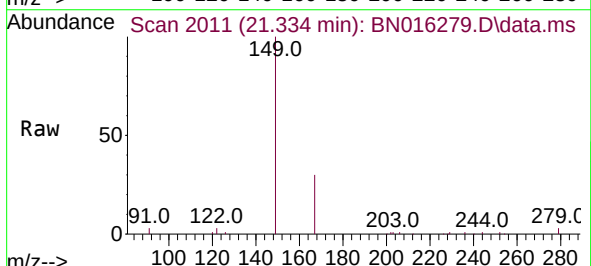
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-640-642

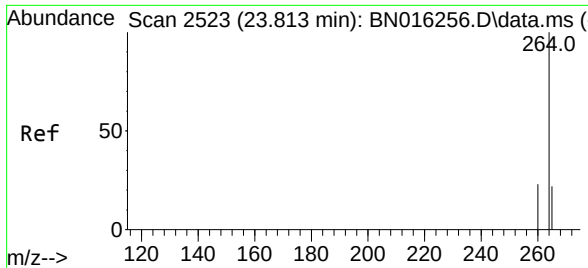
Tgt Ion:244 Resp: 70770
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 9.9 9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.289 ng
 RT: 21.334 min Scan# 2011
 Delta R.T. -0.000 min
 Lab File: BN016279.D
 Acq: 10 Sep 2021 05:44

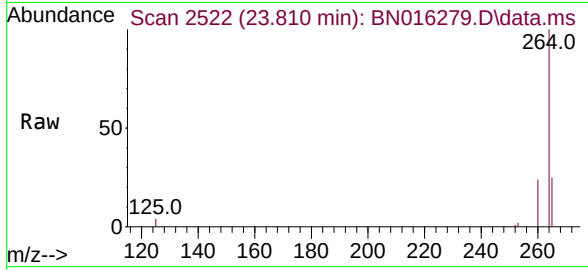
Tgt Ion:149 Resp: 38748
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.4 35.0
 279 4.7 3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.810 min Scan# 2522
 Delta R.T. -0.003 min
 Lab File: BN016279.D
 Acq: 10 Sep 2021 05:44

Instrument :
 BNA_N
ClientSampleId :
 BP-TT-VPB-RW7-GW-640-642



Tgt Ion:264 Resp: 47932

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	25.4	23.7	35.5

