

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
 Data File : BN017029.D
 Acq On : 20 Oct 2021 20:29
 Operator : CG/JU
 Sample : M4286-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 21 01:46:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 20 15:04:54 2021
 Response via : Initial Calibration

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

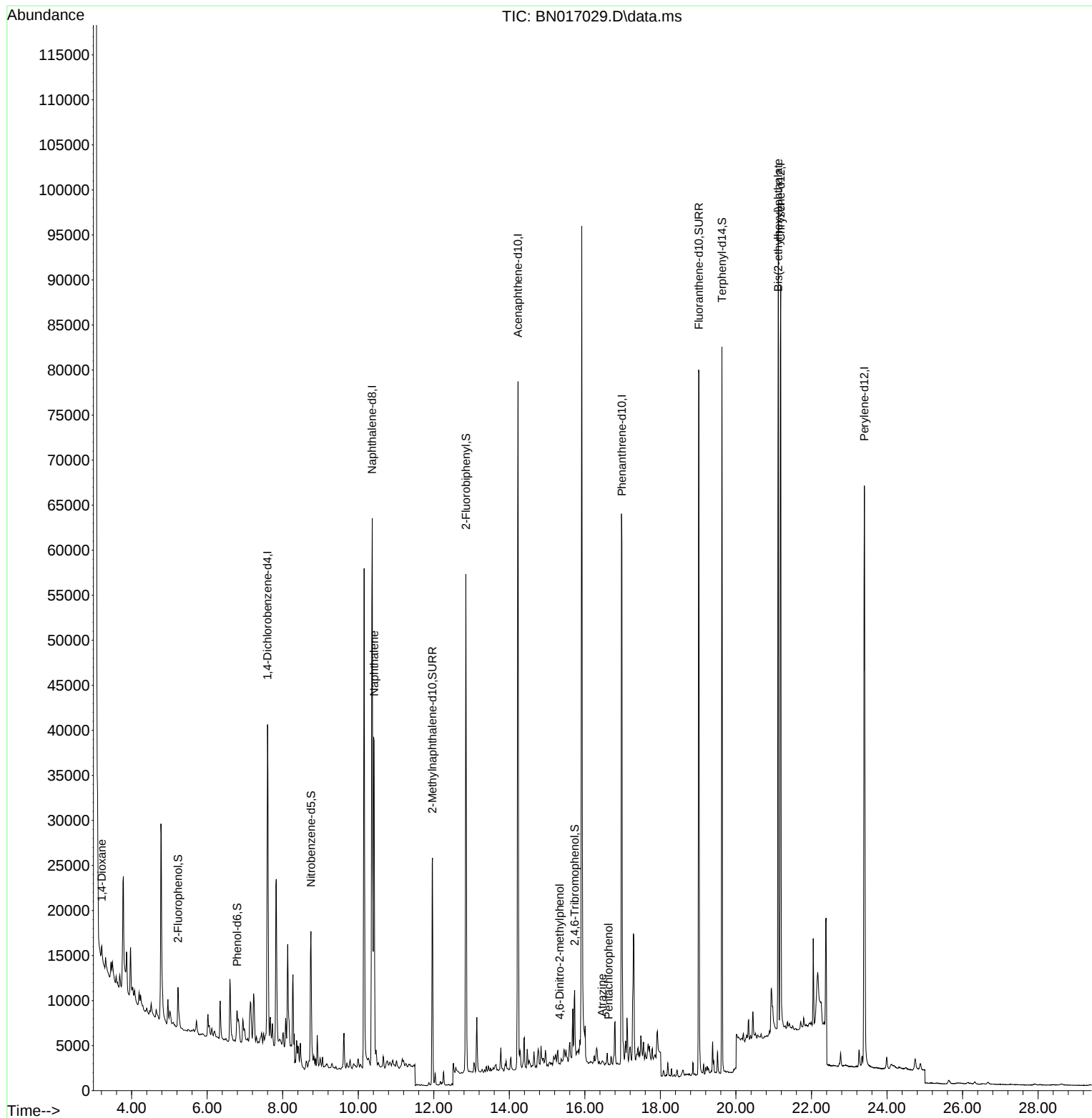
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	18710	0.400	ng	0.00
7) Naphthalene-d8	10.370	136	86530	0.400	ng	0.00
13) Acenaphthene-d10	14.232	164	47396	0.400	ng	0.00
19) Phenanthrene-d10	16.983	188	90846	0.400	ng	0.00
29) Chrysene-d12	21.186	240	87719	0.400	ng	# 0.00
35) Perylene-d12	23.400	264	86249	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	4901	0.125	ng	0.02
5) Phenol-d6	6.796	99	3382	0.075	ng	0.00
8) Nitrobenzene-d5	8.748	82	14433	0.257	ng	0.00
11) 2-Methylnaphthalene-d10	11.964	152	34404	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	6745	0.397	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	46553	0.262	ng	0.00
27) Fluoranthene-d10	19.020	212	89094	0.392	ng	0.00
31) Terphenyl-d14	19.630	244	77252	0.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.209	88	283	0.023	ng	# 31
9) Naphthalene	10.421	128	52393	0.233	ng	99
20) 4,6-Dinitro-2-methylph...	15.336	198	15	0.179	ng	# 1
23) Atrazine	16.459	200	210	0.124	ng	# 32
24) Pentachlorophenol	16.630	266	89	0.241	ng	93
34) Bis(2-ethylhexyl)phtha...	21.123	149	80786	0.687	ng	99

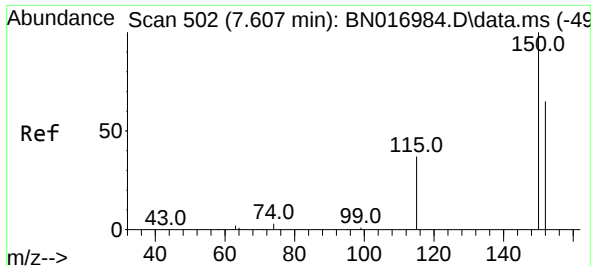
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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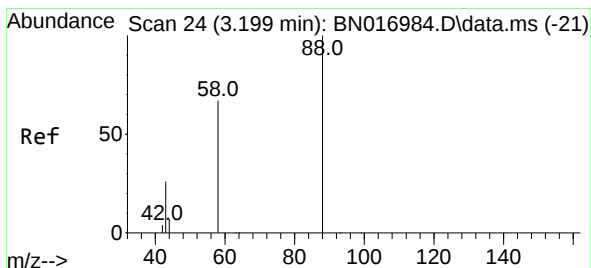
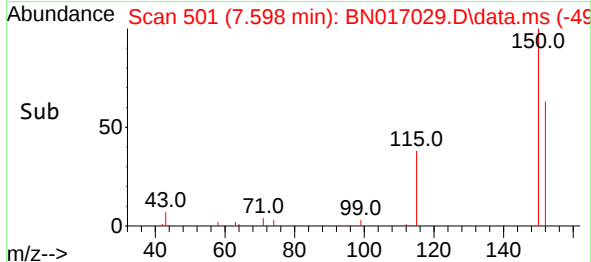
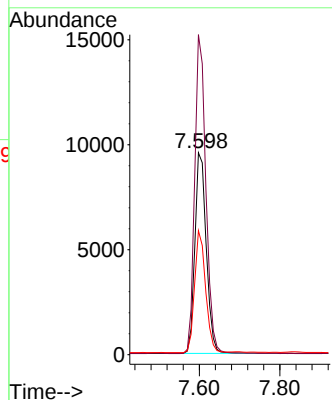
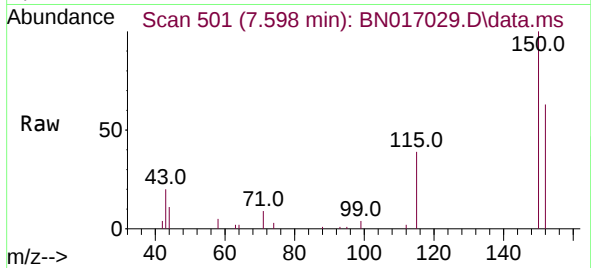




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.598 min Scan# 501
Delta R.T. -0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

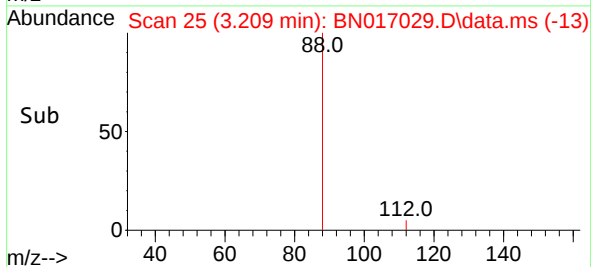
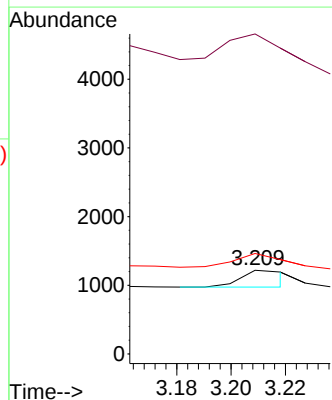
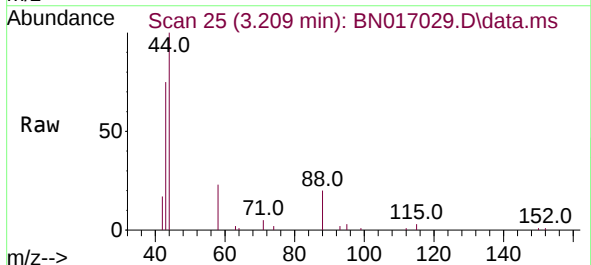
Instrument :
BNA_N
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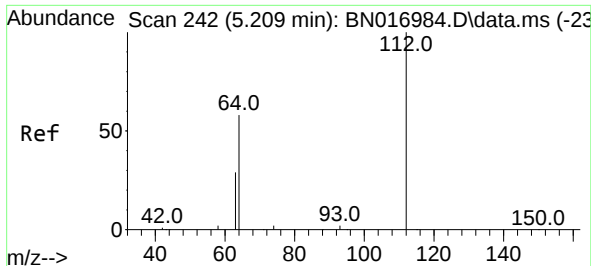
Tgt Ion:152 Resp: 18710
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.4
115 61.4 46.3 69.5



#2
1,4-Dioxane
Concen: 0.023 ng
RT: 3.209 min Scan# 25
Delta R.T. 0.009 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

Tgt Ion: 88 Resp: 283
Ion Ratio Lower Upper
88 100
43 163.6 26.8 40.2#
58 78.1 63.0 94.4

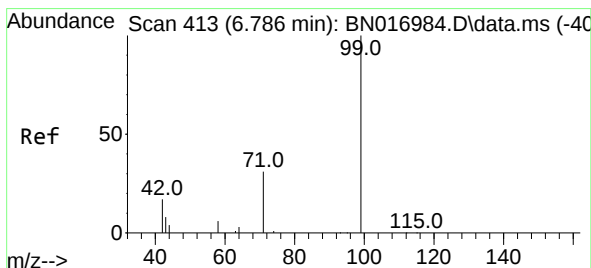
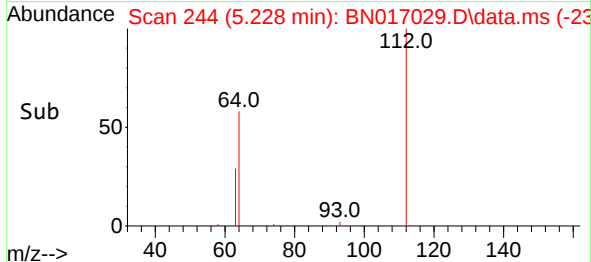
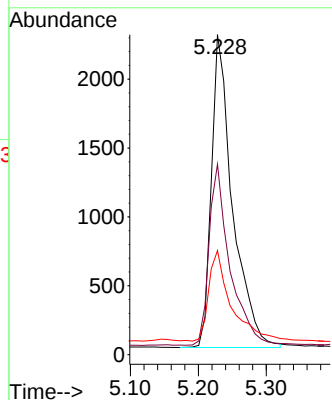
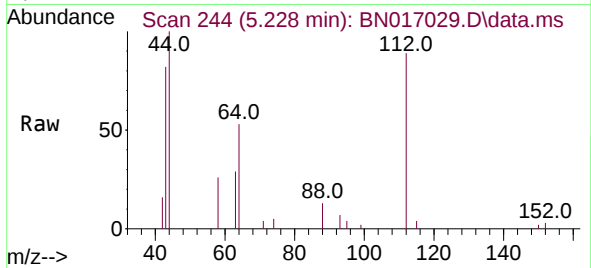




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.228 min Scan# 244
Delta R.T. 0.019 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

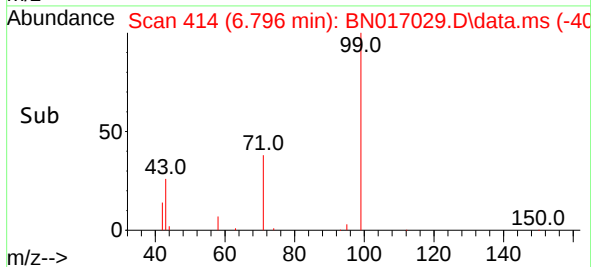
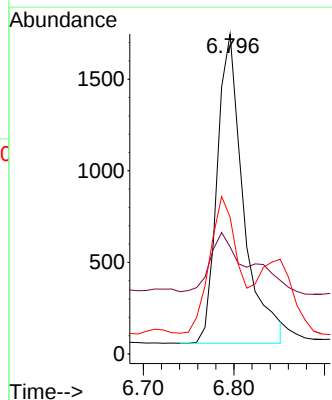
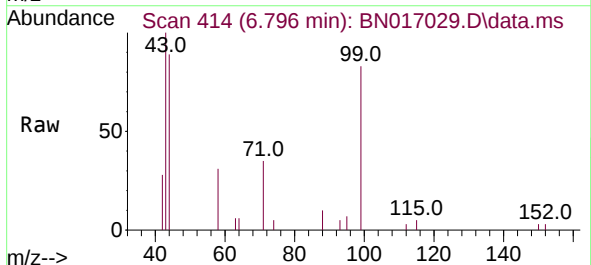
Instrument :
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ClientSampleId :
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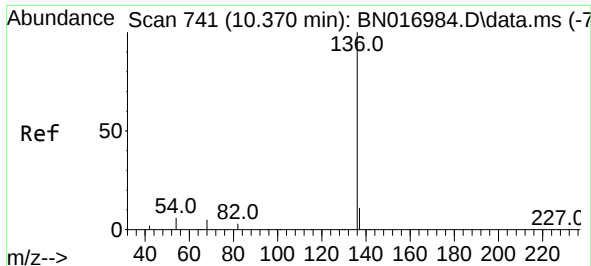
Tgt Ion:	112	Resp:	4901
Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.5	68.3
63	30.2	23.0	34.6



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.796 min Scan# 414
Delta R.T. 0.009 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

Tgt Ion:	99	Resp:	3382
Ion	Ratio	Lower	Upper
99	100		
42	27.1	14.6	21.8#
71	47.0	24.8	37.2#

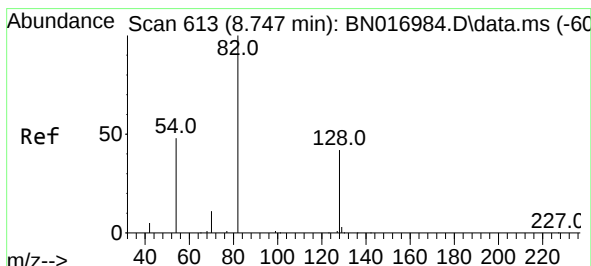
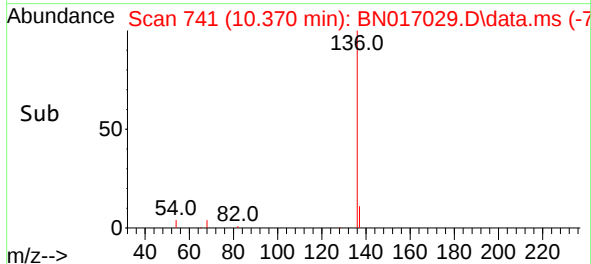
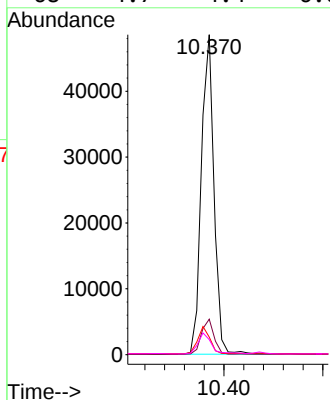
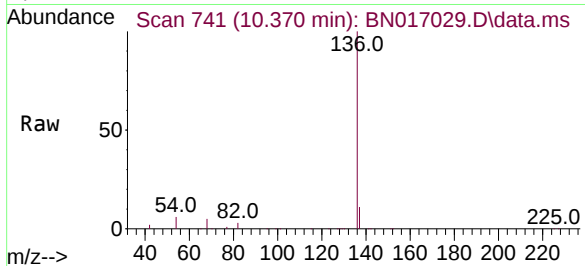




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

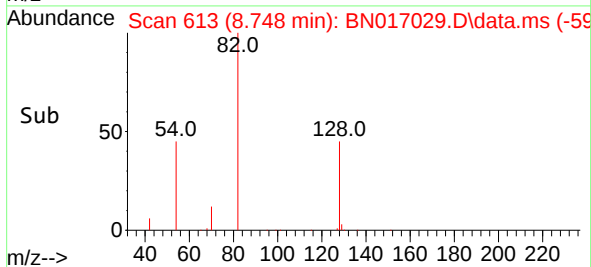
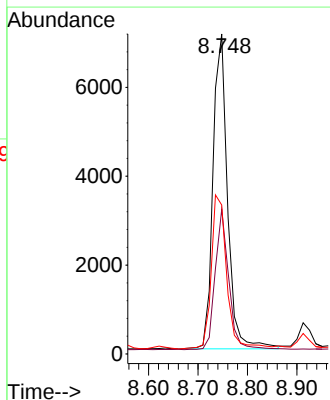
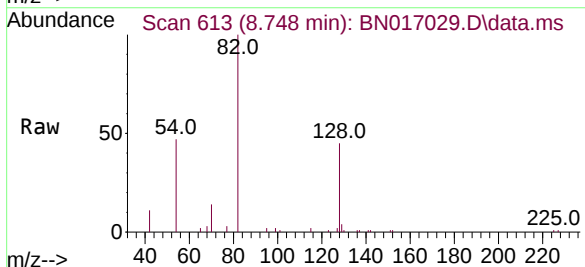
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

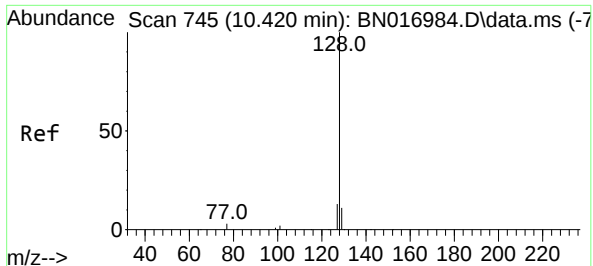
Tgt Ion:	136	Resp:	86530
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	5.5	5.2	7.8
68	4.7	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

Tgt Ion:	82	Resp:	14433
Ion Ratio	Lower	Upper	
82	100		
128	45.2	33.9	50.9
54	46.6	38.3	57.5

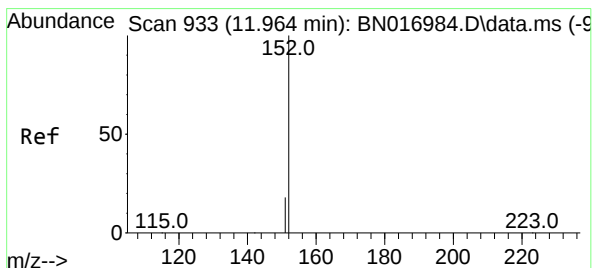
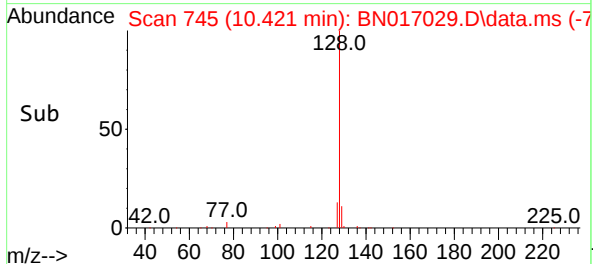
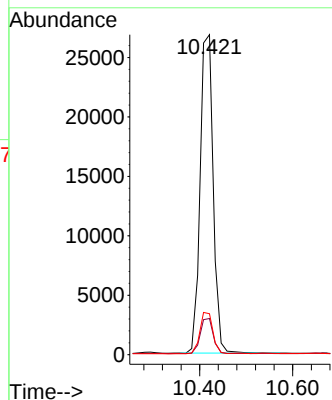
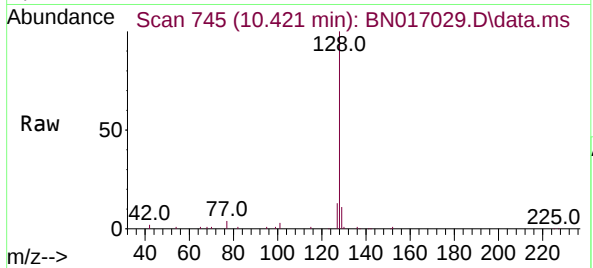




#9
Naphthalene
Concen: 0.233 ng
RT: 10.421 min Scan# 745
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

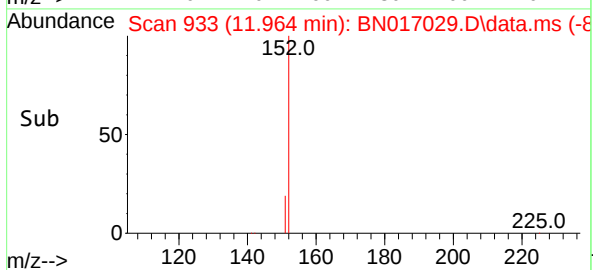
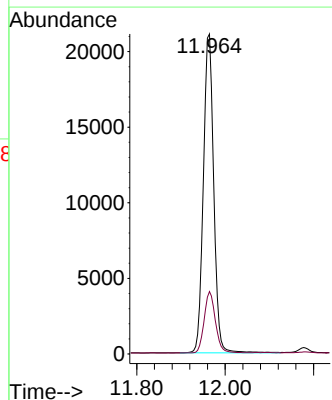
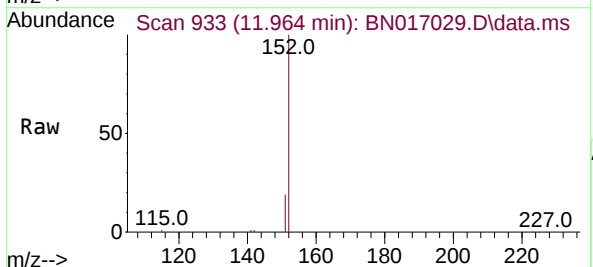
Instrument :
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ClientSampleId :
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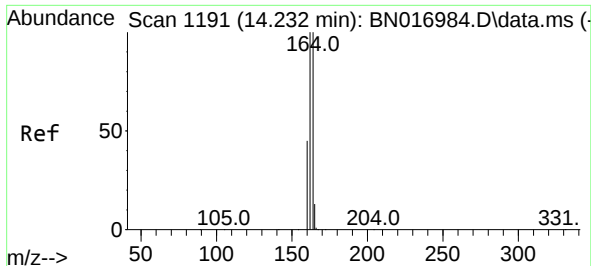
Tgt Ion:128 Resp: 52393
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.8 10.3 15.5



#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

Tgt Ion:152 Resp: 34404
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5

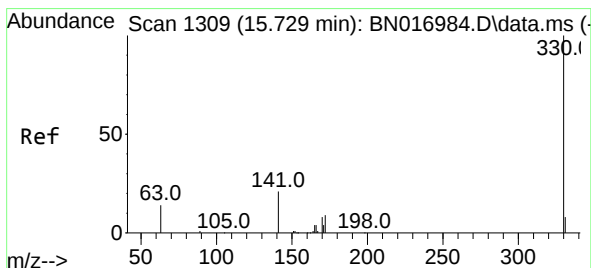
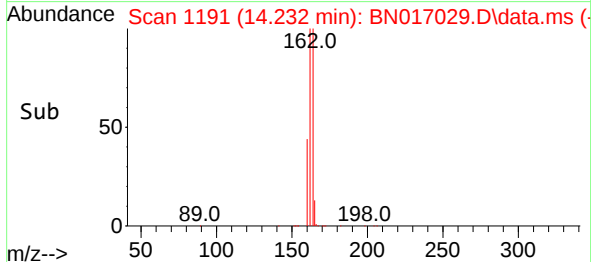
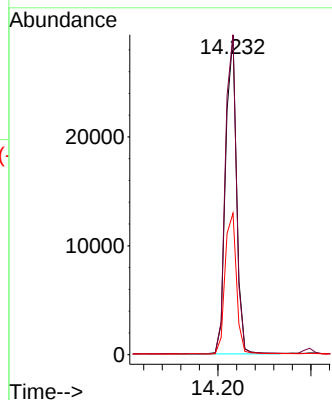
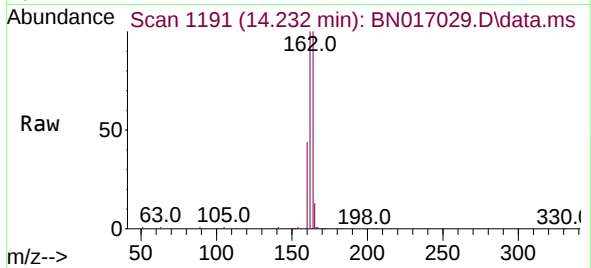




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

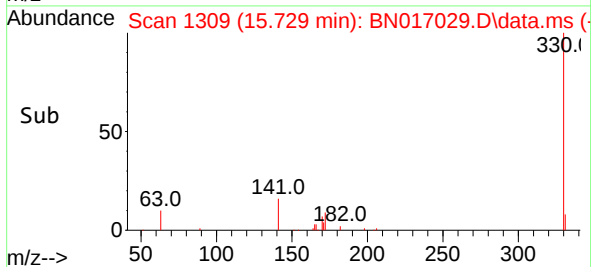
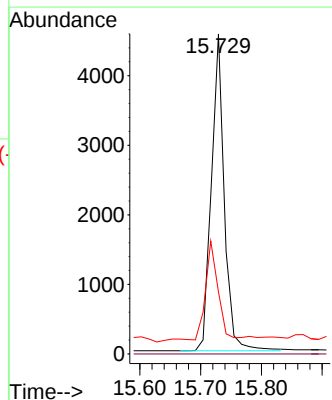
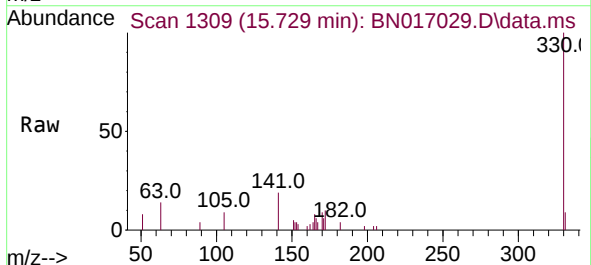
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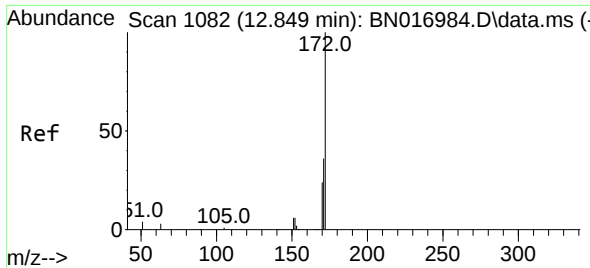
Tgt Ion:164 Resp: 47396
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 44.3 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

Tgt Ion:330 Resp: 6745
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.7 25.6 38.4

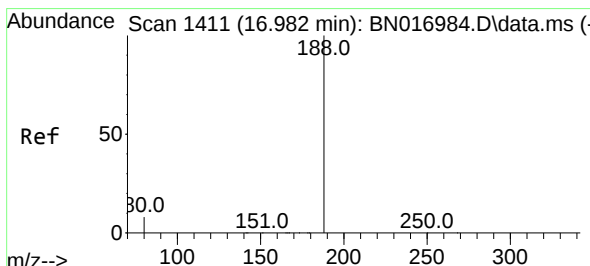
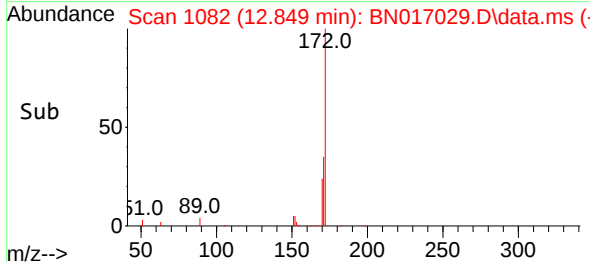
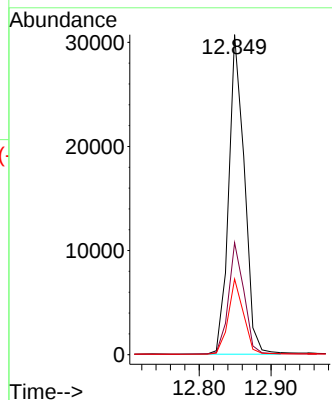
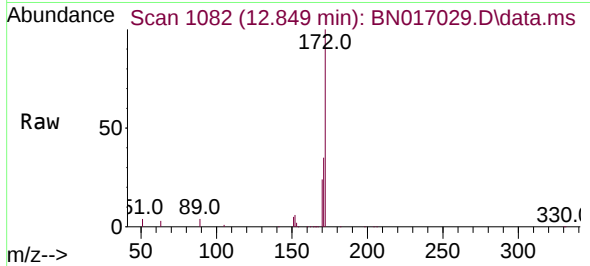




#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

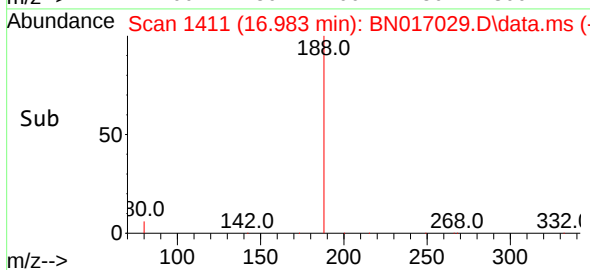
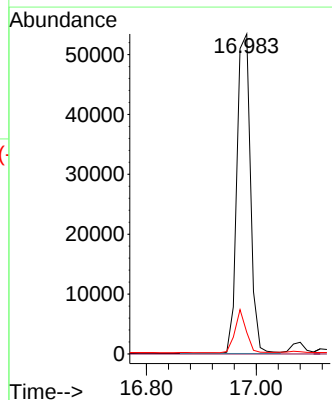
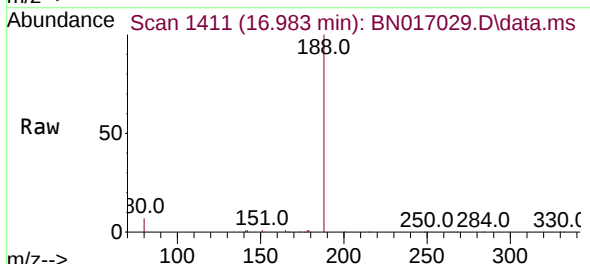
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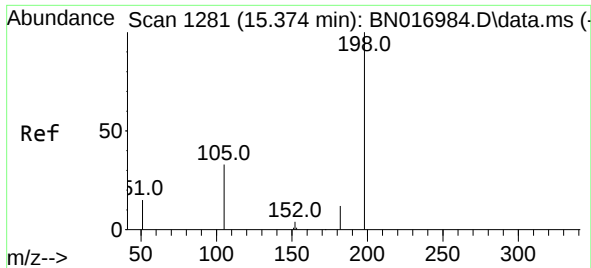
Tgt Ion:	172	Resp:	46553
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.7	43.1
170	23.6	19.6	29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.983 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

Tgt Ion:	188	Resp:	90846
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.8	6.2	9.4

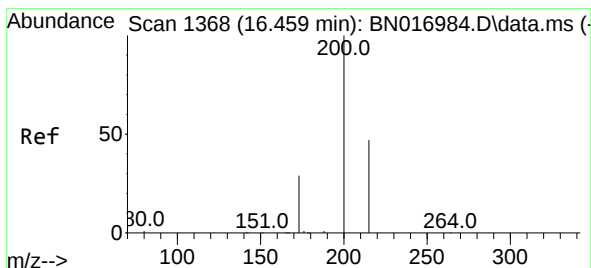
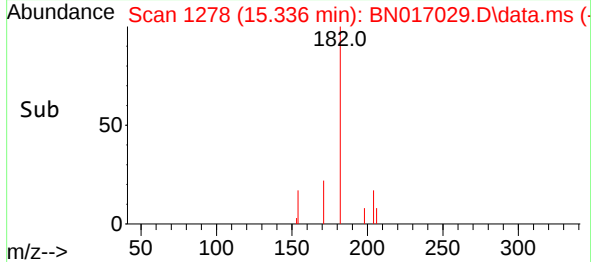
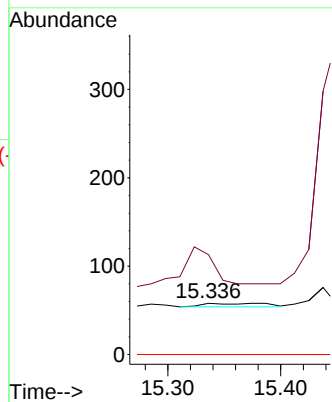
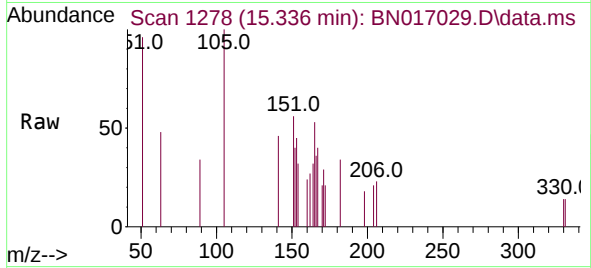




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.336 min Scan# 1278
Delta R.T. -0.038 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

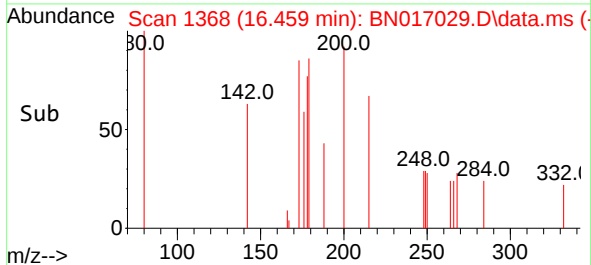
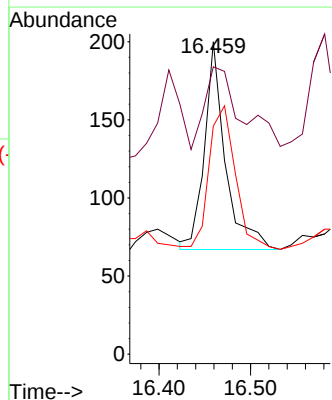
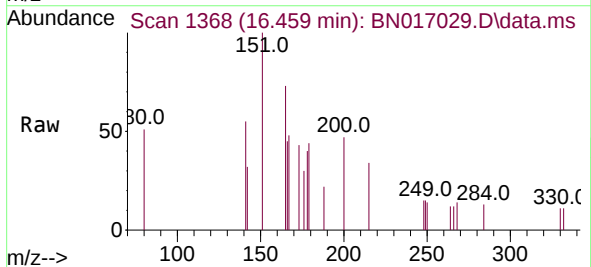
Instrument :
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SW-RR-03-(SA)

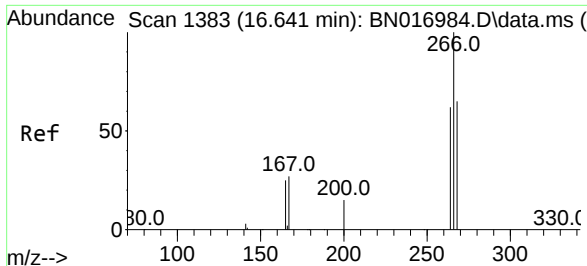
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 194.8 12.5 18.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.124 ng
RT: 16.459 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

Tgt Ion:200 Resp: 210
Ion Ratio Lower Upper
200 100
173 92.0 23.5 35.3#
215 73.0 37.9 56.9#

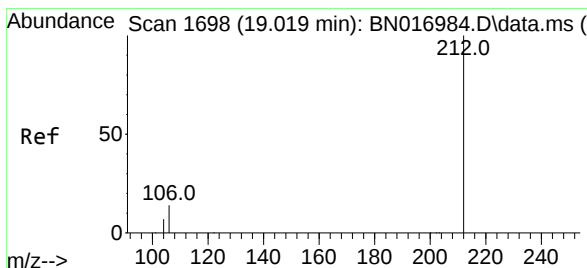
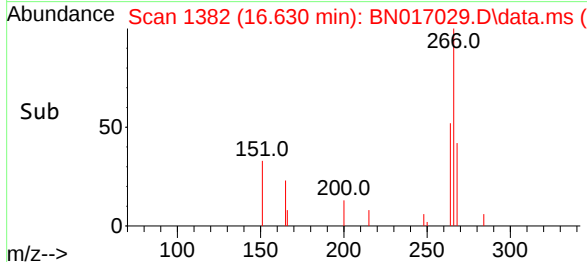
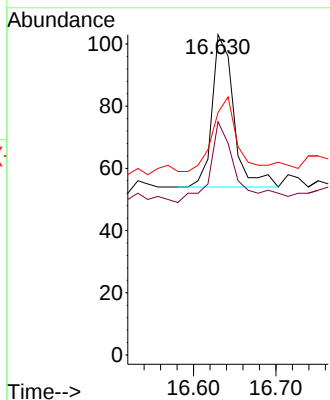
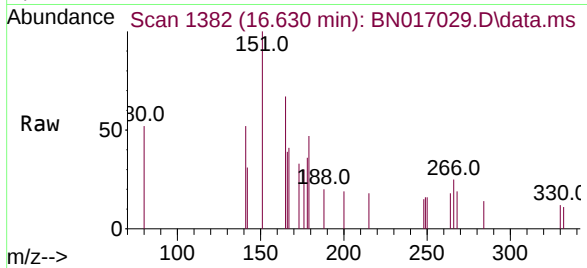




#24
 Pentachlorophenol
 Concen: 0.241 ng
 RT: 16.630 min Scan# 1382
 Delta R.T. -0.012 min
 Lab File: BN017029.D
 Acq: 20 Oct 2021 20:29

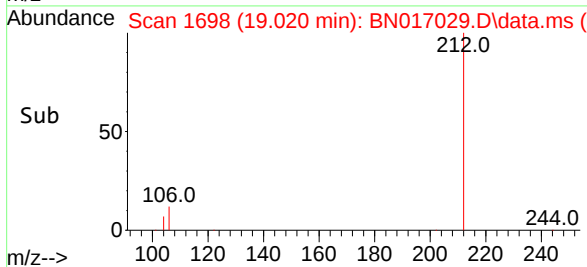
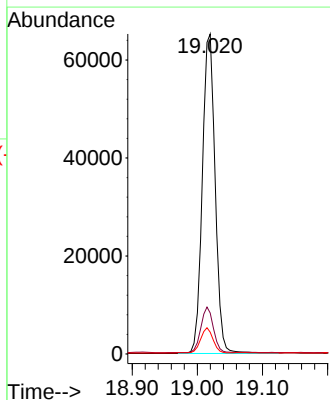
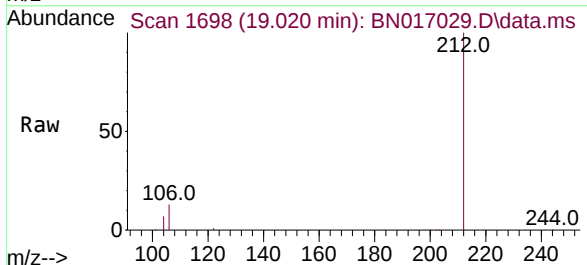
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

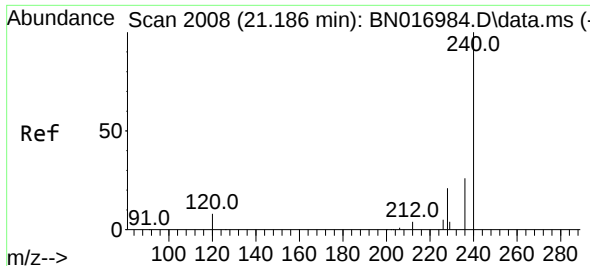
Tgt Ion:	266	Resp:	89
Ion Ratio	Lower	Upper	
266	100		
264	65.2	50.0	75.0
268	55.1	50.9	76.3



#27
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 19.020 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: BN017029.D
 Acq: 20 Oct 2021 20:29

Tgt Ion:	212	Resp:	89094
Ion Ratio	Lower	Upper	
212	100		
106	13.8	11.0	16.4
104	7.7	6.0	9.0

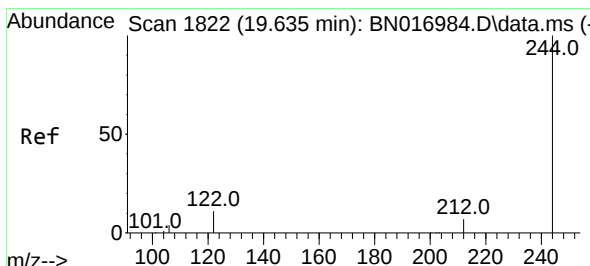
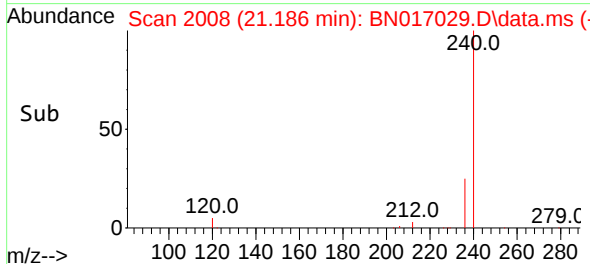
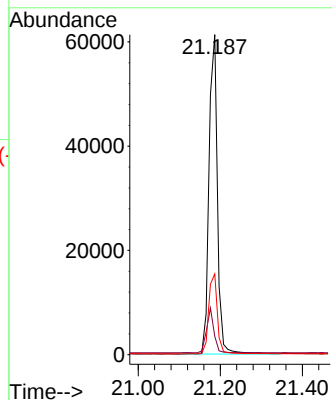
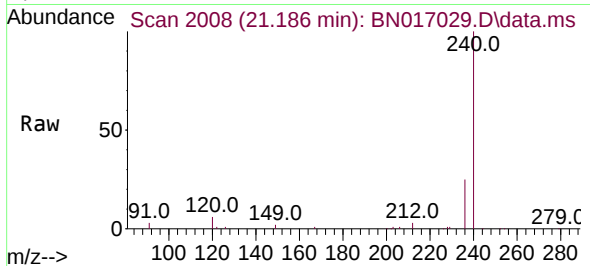




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.186 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

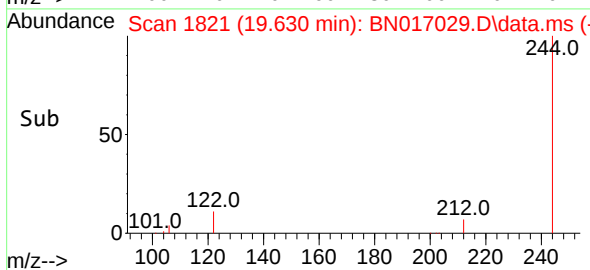
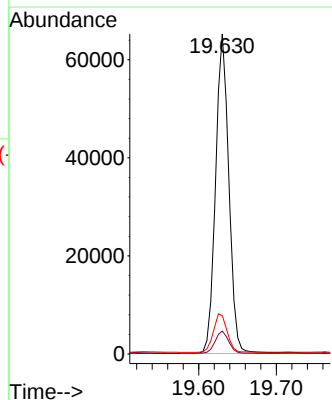
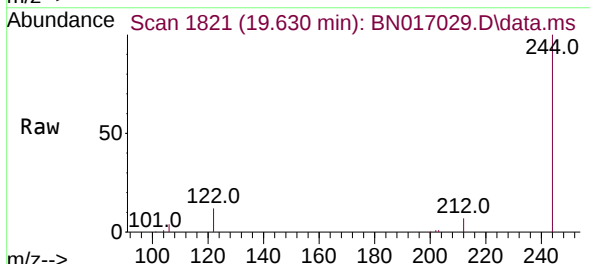
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

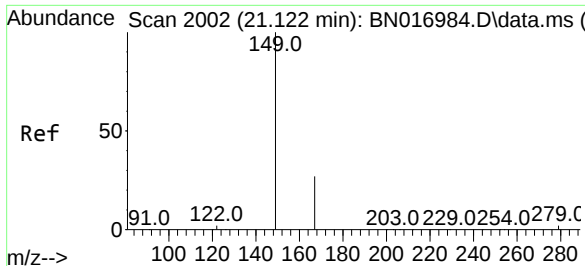
Tgt Ion:240 Resp: 87719
Ion Ratio Lower Upper
240 100
120 5.8 6.4 9.6#
236 25.2 20.6 31.0



#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.630 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

Tgt Ion:244 Resp: 77252
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 12.0 9.0 13.6

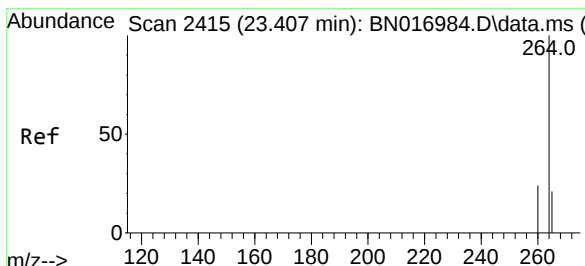
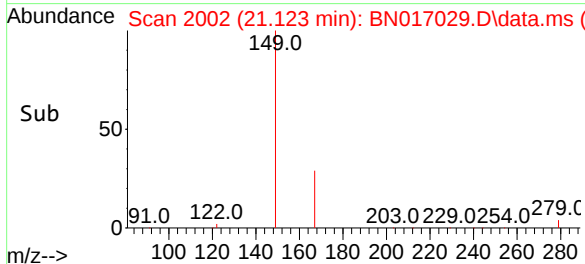
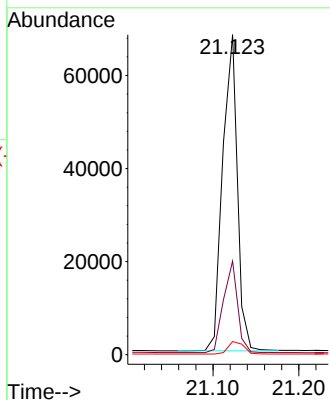
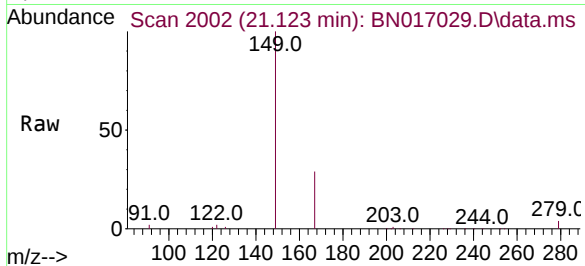




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.687 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion:149 Resp: 80786
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.6
279 4.2 3.4 5.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.400 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BN017029.D
Acq: 20 Oct 2021 20:29

Tgt Ion:264 Resp: 86249
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 23.1 18.3 27.5

