

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
 Data File : BN017027.D
 Acq On : 20 Oct 2021 19:16
 Operator : CG/JU
 Sample : M4268-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 21 01:46:18 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)

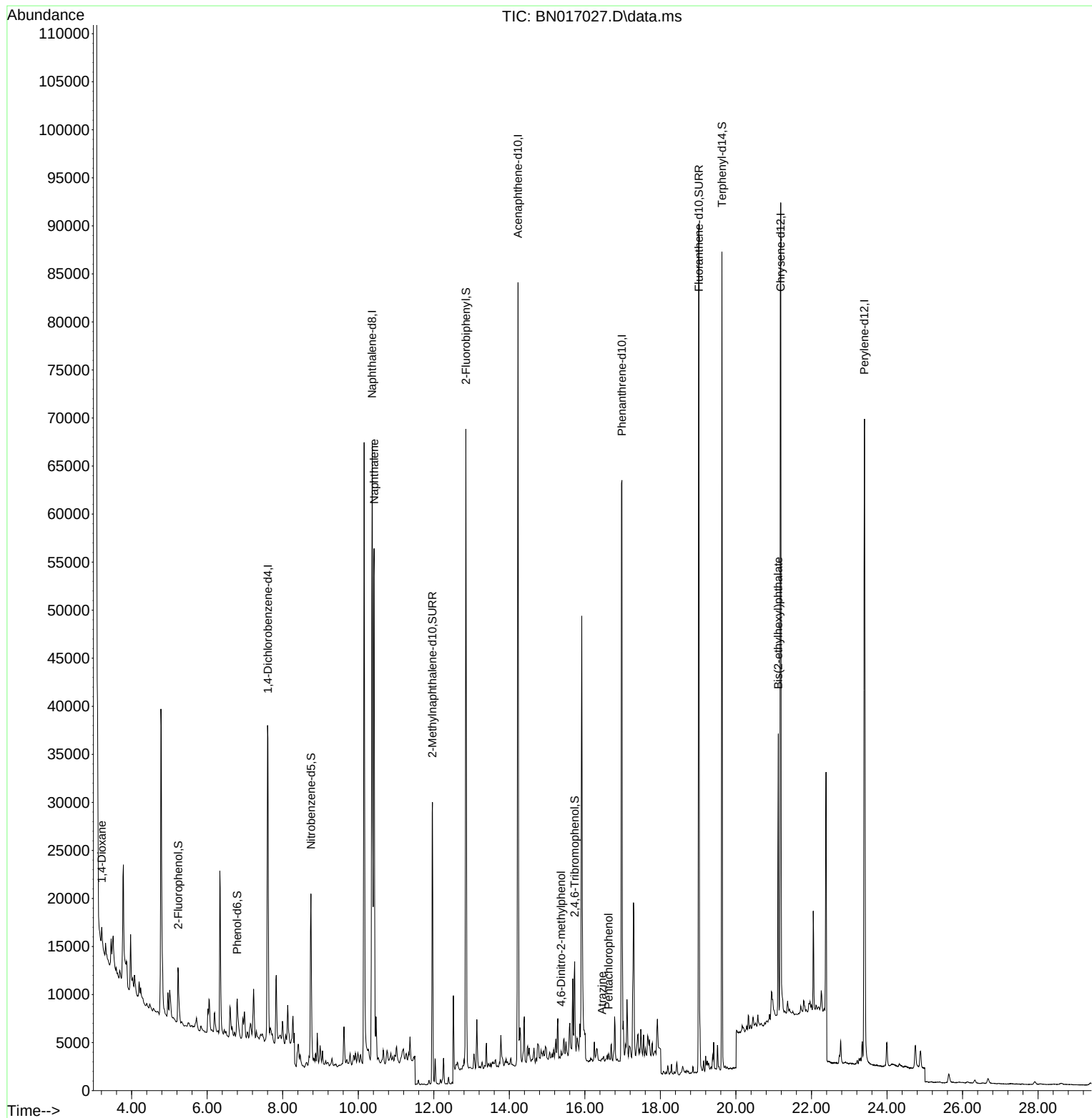
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	18908	0.400	ng	0.00
7) Naphthalene-d8	10.370	136	86546	0.400	ng	0.00
13) Acenaphthene-d10	14.232	164	47648	0.400	ng	0.00
19) Phenanthrene-d10	16.983	188	92428	0.400	ng	0.00
29) Chrysene-d12	21.186	240	88770	0.400	ng	0.00
35) Perylene-d12	23.404	264	89798	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.237	112	6464	0.163	ng	0.03
5) Phenol-d6	6.796	99	4424	0.097	ng	0.00
8) Nitrobenzene-d5	8.748	82	16692	0.298	ng	0.00
11) 2-Methylnaphthalene-d10	11.964	152	40520	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	8176	0.450	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	57184	0.320	ng	0.00
27) Fluoranthene-d10	19.020	212	101120	0.437	ng	0.00
31) Terphenyl-d14	19.630	244	80814	0.411	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.209	88	433	0.035	ng	# 21
9) Naphthalene	10.421	128	74547	0.331	ng	100
20) 4,6-Dinitro-2-methylph...	15.374	198	41	0.181	ng	# 1
23) Atrazine	16.459	200	187	0.124	ng	# 29
24) Pentachlorophenol	16.630	266	370	0.251	ng	99
34) Bis(2-ethylhexyl)phtha...	21.123	149	25808	0.359	ng	99

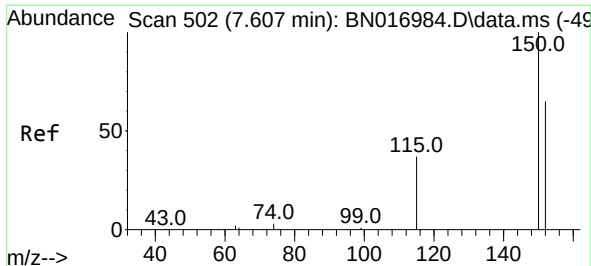
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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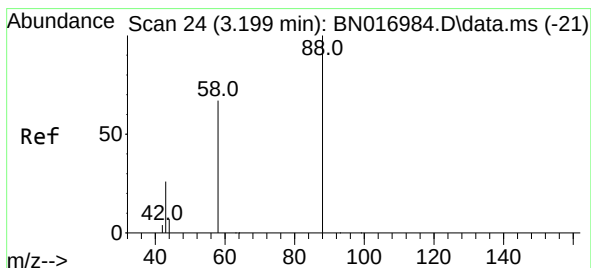
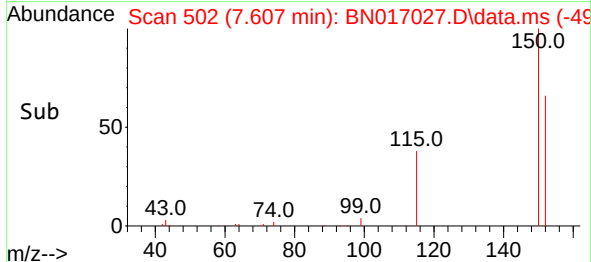
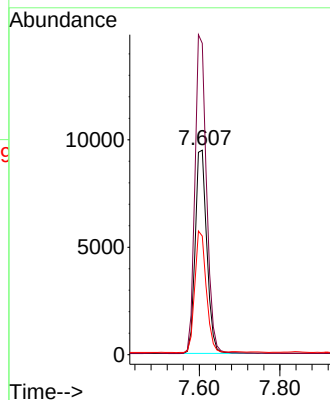
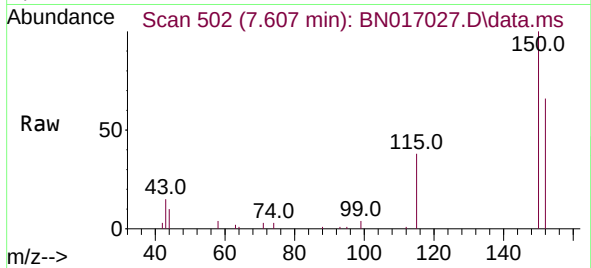




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.607 min Scan# 502
 Delta R.T. 0.009 min
 Lab File: BN017027.D
 Acq: 20 Oct 2021 19:16

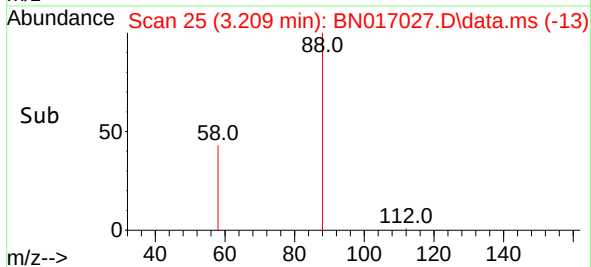
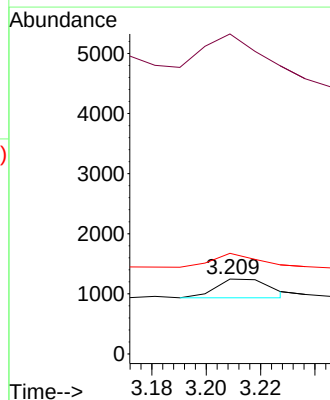
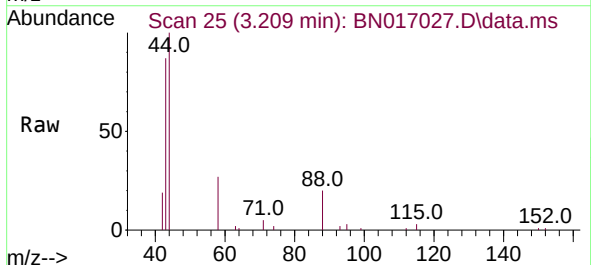
Instrument :
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 SW-RR-03-(SA)

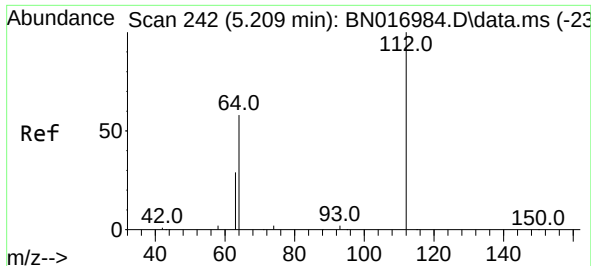
Tgt Ion:152 Resp: 18908
 Ion Ratio Lower Upper
 152 100
 150 152.3 123.0 184.4
 115 58.0 46.3 69.5



#2
 1,4-Dioxane
 Concen: 0.035 ng
 RT: 3.209 min Scan# 25
 Delta R.T. 0.009 min
 Lab File: BN017027.D
 Acq: 20 Oct 2021 19:16

Tgt Ion: 88 Resp: 433
 Ion Ratio Lower Upper
 88 100
 43 153.1 26.8 40.2#
 58 58.9 63.0 94.4#

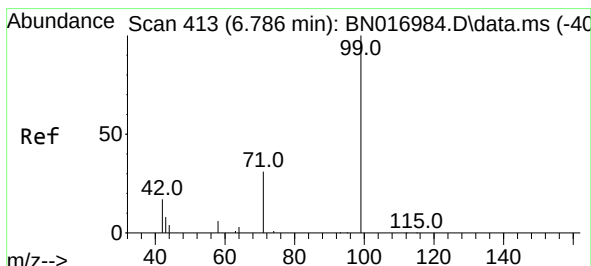
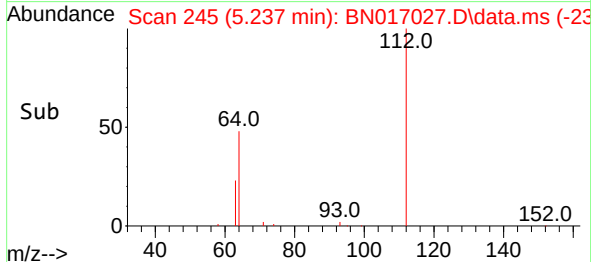
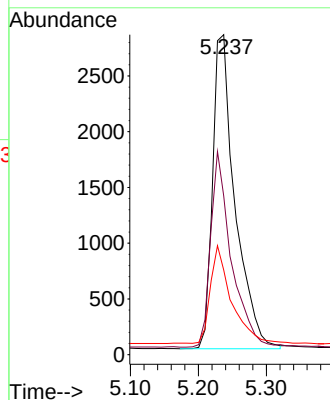
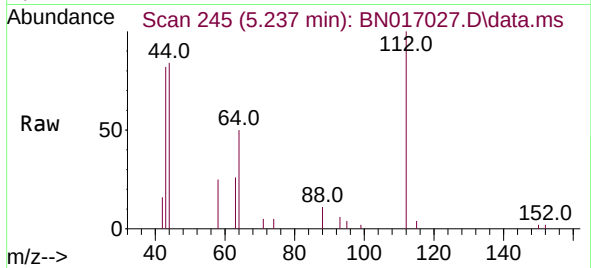




#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.237 min Scan# 245
Delta R.T. 0.028 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

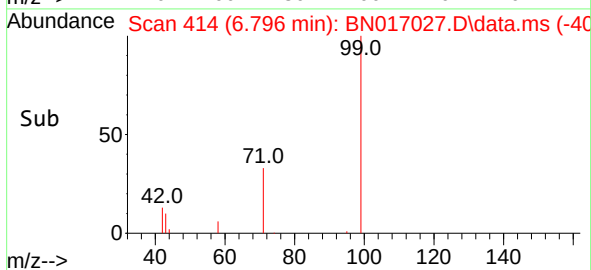
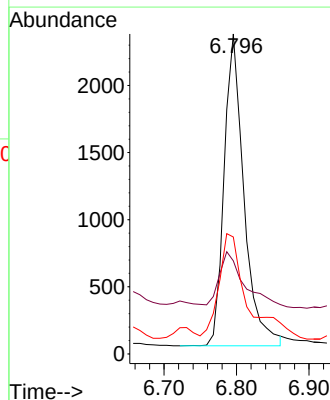
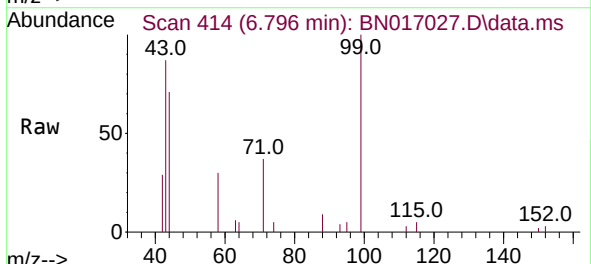
Instrument :
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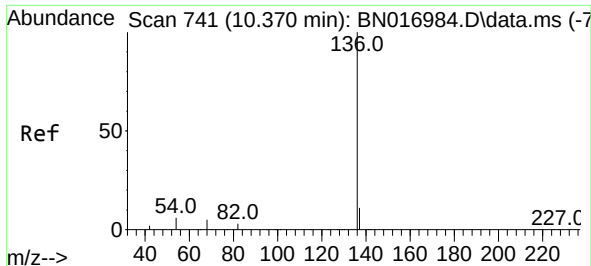
Tgt Ion:	112	Resp:	6464
Ion Ratio	Lower	Upper	
112	100		
64	57.5	45.5	68.3
63	29.5	23.0	34.6



#5
Phenol-d6
Concen: 0.097 ng
RT: 6.796 min Scan# 414
Delta R.T. 0.009 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

Tgt Ion:	99	Resp:	4424
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.6	21.8
71	42.9	24.8	37.2

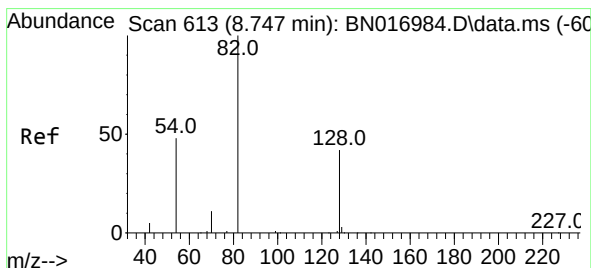
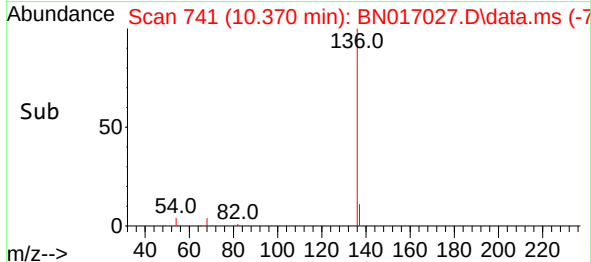
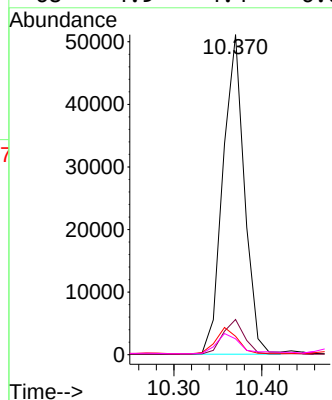
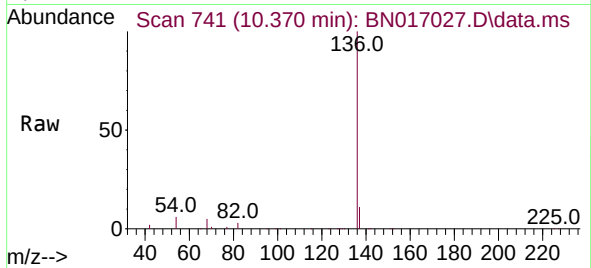




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

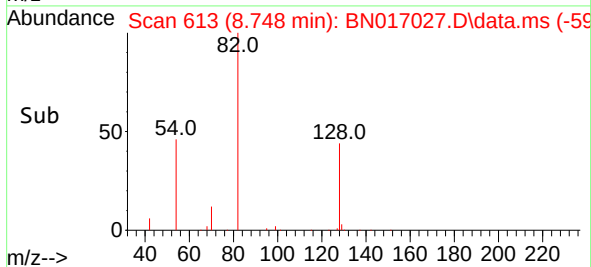
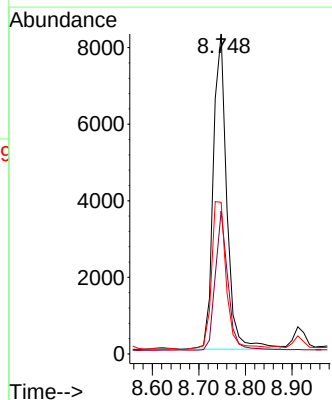
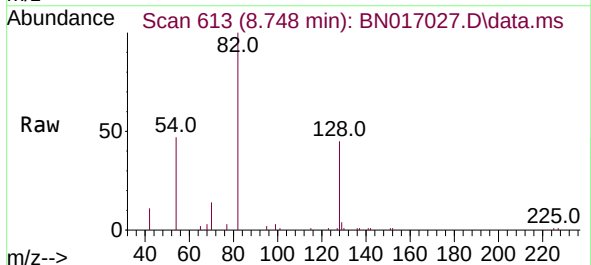
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

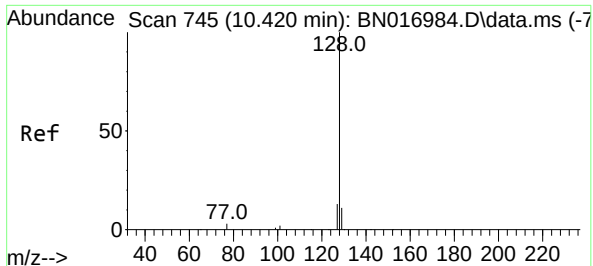
Tgt Ion:	136	Resp:	86546
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.7	5.2	7.8
68	4.9	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

Tgt Ion:	82	Resp:	16692
Ion	Ratio	Lower	Upper
82	100		
128	44.7	33.9	50.9
54	47.4	38.3	57.5

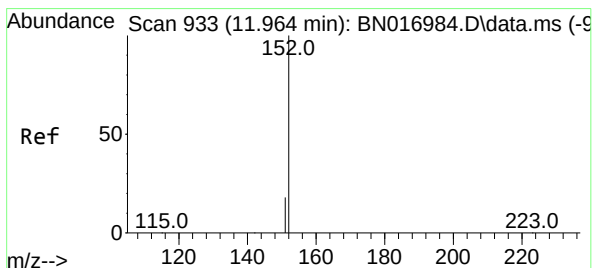
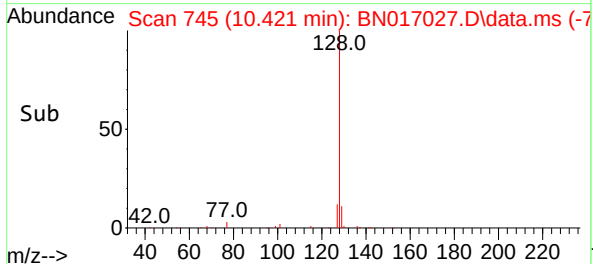
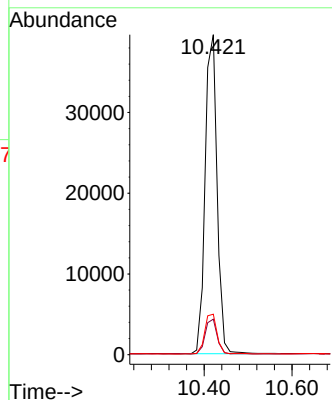
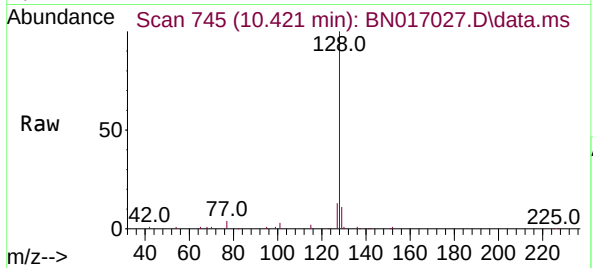




#9
Naphthalene
Concen: 0.331 ng
RT: 10.421 min Scan# 745
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

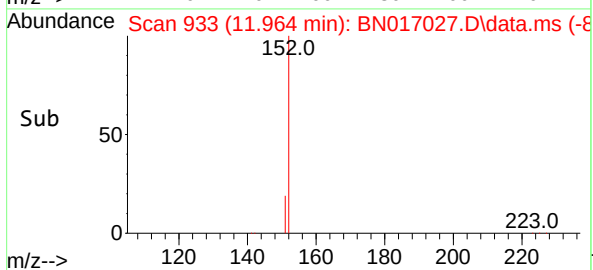
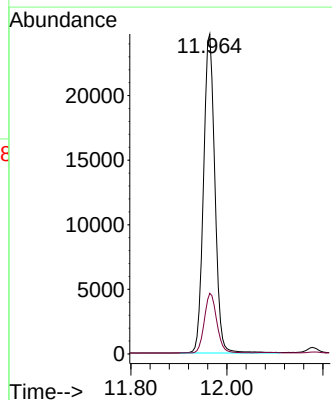
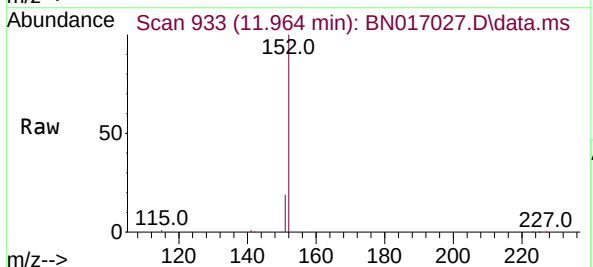
Instrument :
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ClientSampleId :
SW-RR-03-(SA)

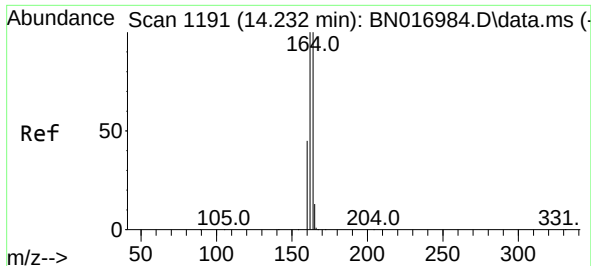
Tgt Ion:128 Resp: 74547
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.3 15.5



#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

Tgt Ion:152 Resp: 40520
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5

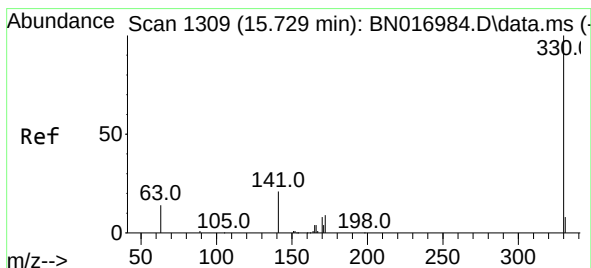
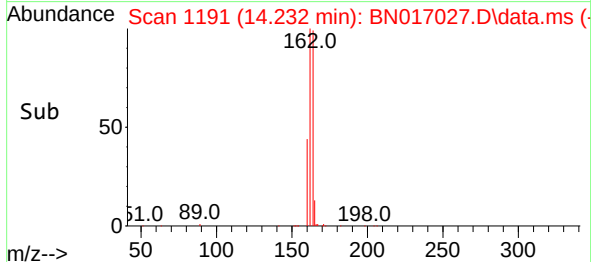
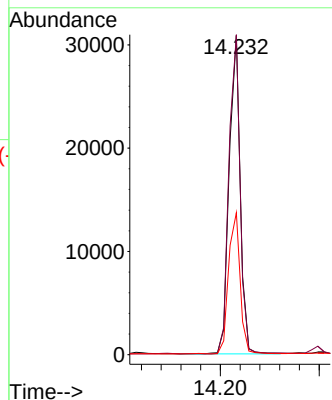
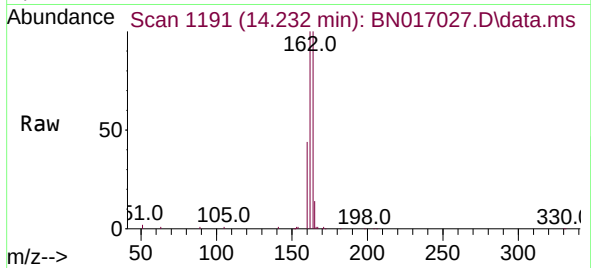




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

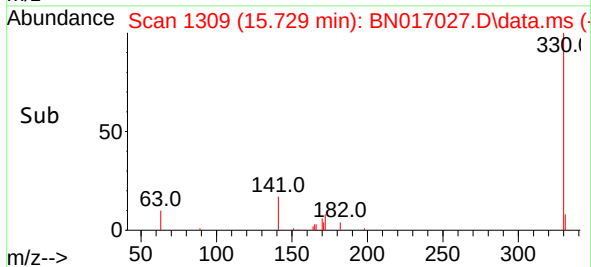
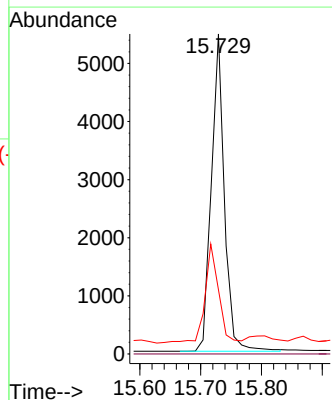
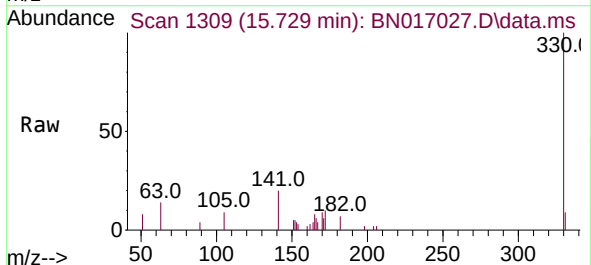
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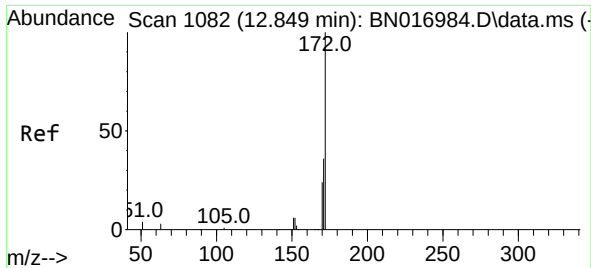
Tgt Ion:164 Resp: 47648
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 44.5 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.450 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

Tgt Ion:330 Resp: 8176
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.1 25.6 38.4

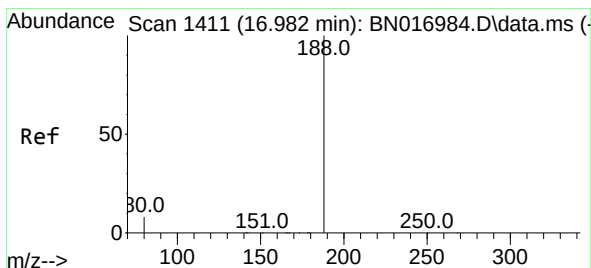
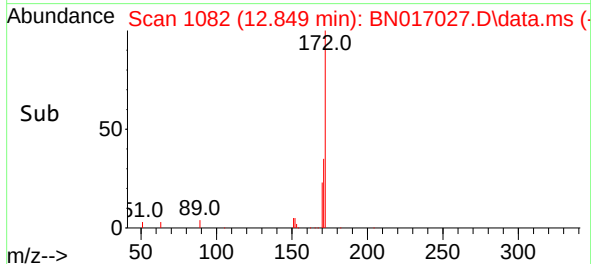
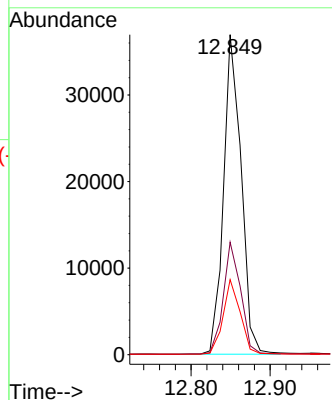
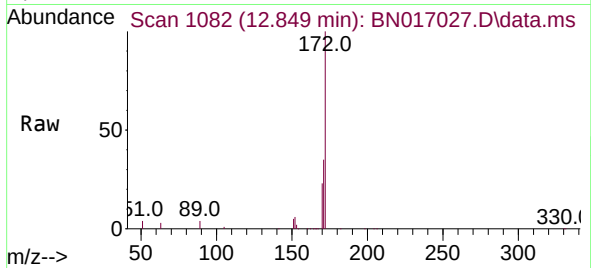




#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

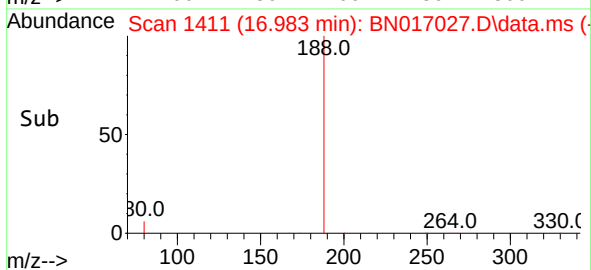
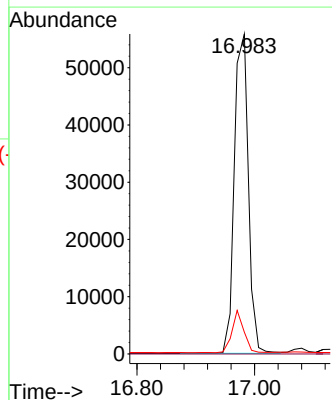
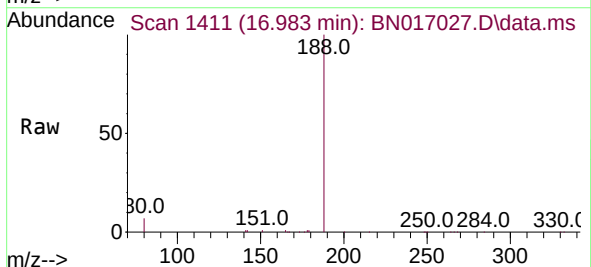
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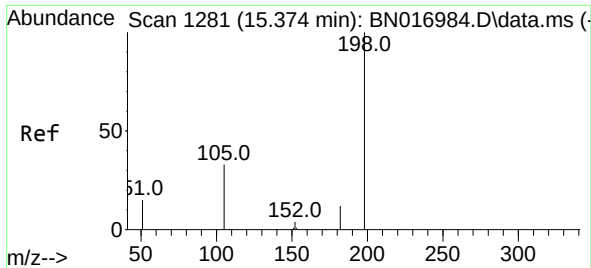
Tgt Ion:	172	Resp:	57184
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.7	43.1
170	23.5	19.6	29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.983 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

Tgt Ion:	188	Resp:	92428
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.8	6.2	9.4

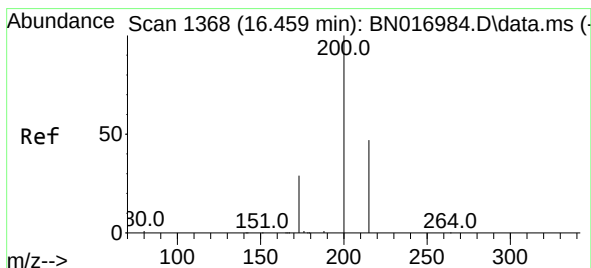
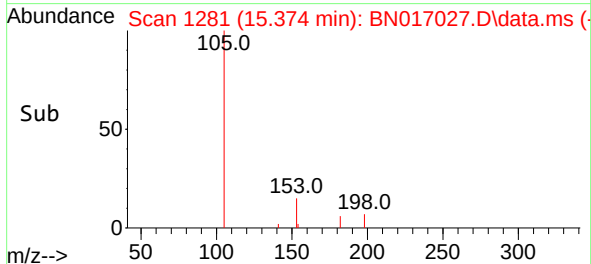
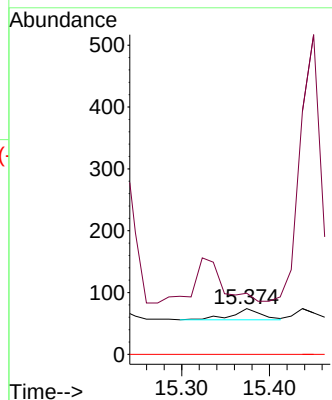
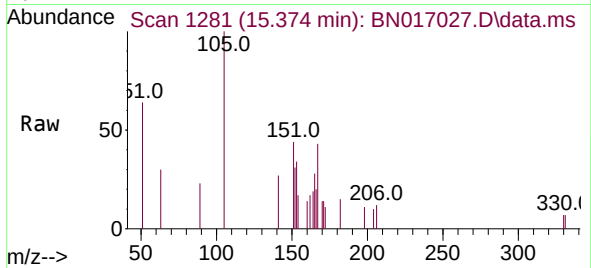




#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.374 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

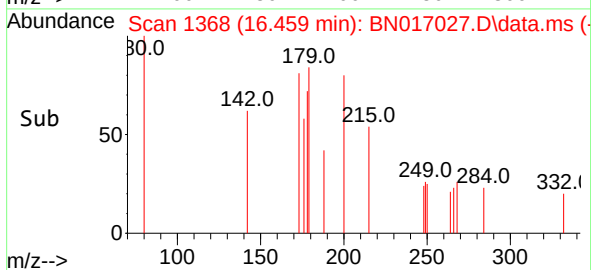
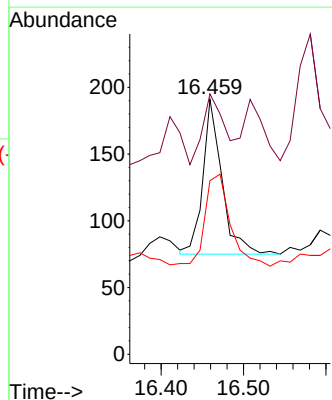
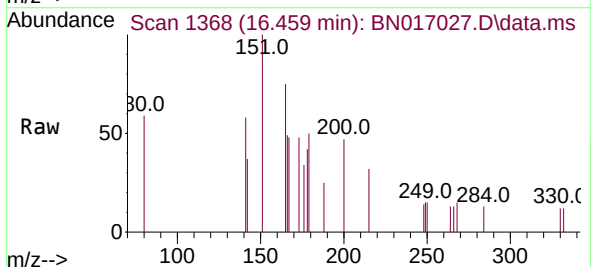
Instrument :
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SW-RR-03-(SA)

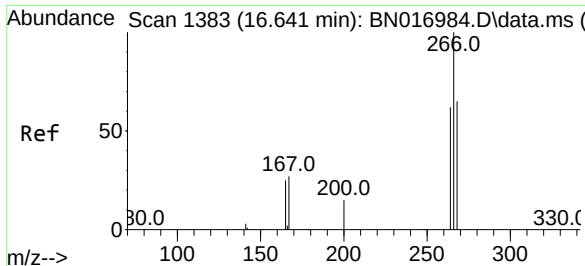
Tgt Ion:198 Resp: 41
Ion Ratio Lower Upper
198 100
182 133.8 12.5 18.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.124 ng
RT: 16.459 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

Tgt Ion:200 Resp: 187
Ion Ratio Lower Upper
200 100
173 102.1 23.5 35.3#
215 68.1 37.9 56.9#

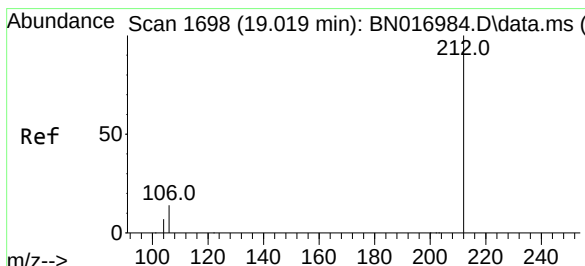
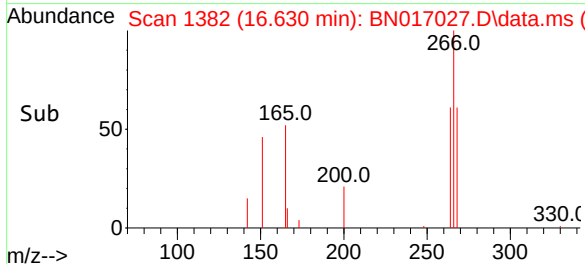
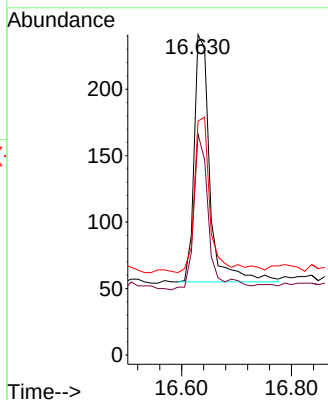
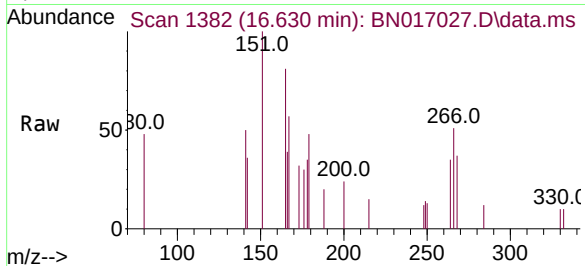




#24
Pentachlorophenol
Concen: 0.251 ng
RT: 16.630 min Scan# 1382
Delta R.T. -0.012 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

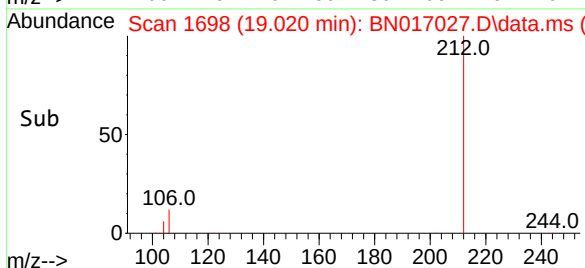
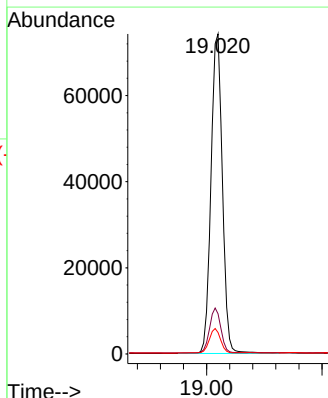
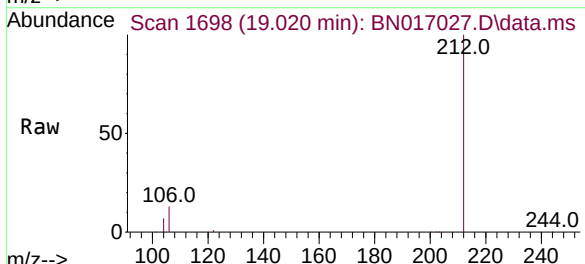
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

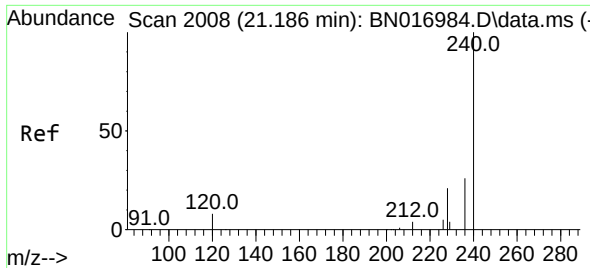
Tgt Ion:266	Resp:	370
Ion Ratio	Lower	Upper
266	100	
264	61.1	50.0 75.0
268	64.3	50.9 76.3



#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.020 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

Tgt Ion:212	Resp:	101120
Ion Ratio	Lower	Upper
212	100	
106	13.9	11.0 16.4
104	7.6	6.0 9.0

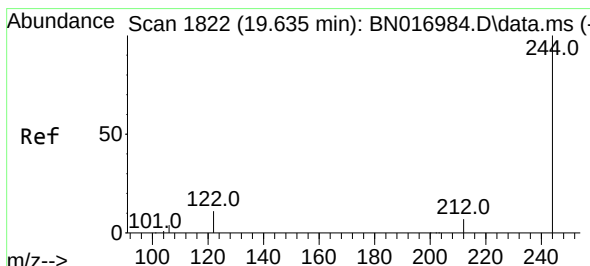
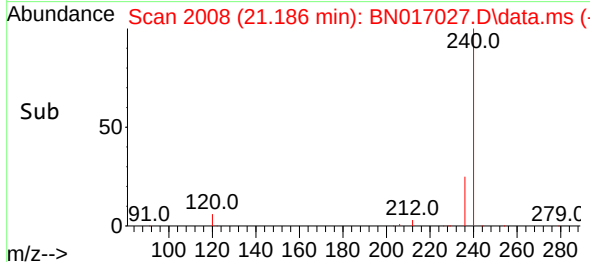
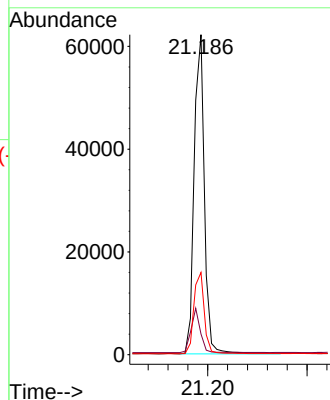
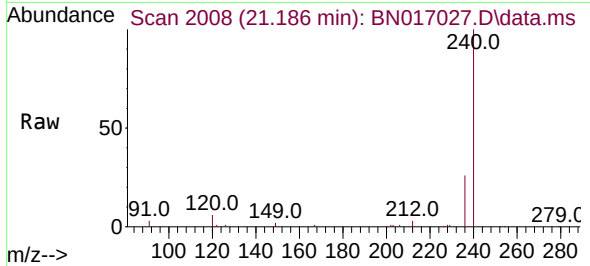




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.186 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

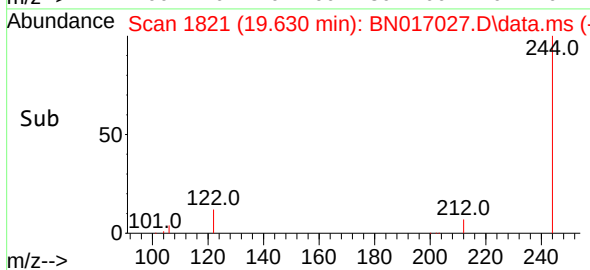
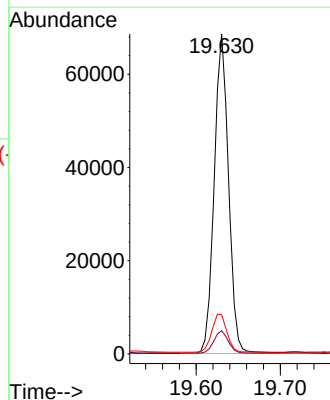
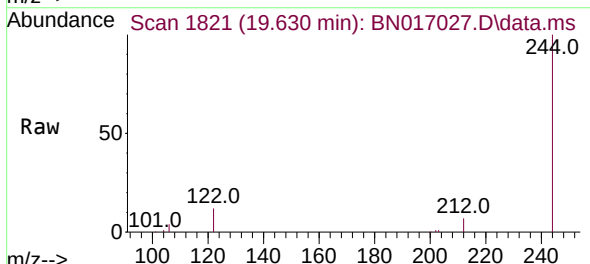
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

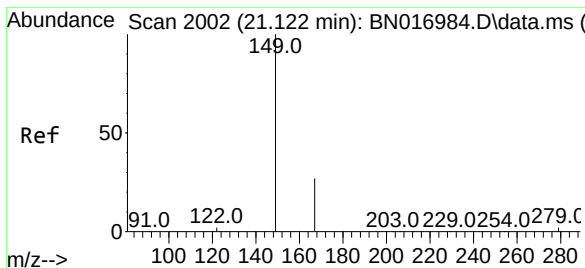
Tgt Ion:240 Resp: 88770
Ion Ratio Lower Upper
240 100
120 6.5 6.4 9.6
236 25.7 20.6 31.0



#31
Terphenyl-d14
Concen: 0.411 ng
RT: 19.630 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN017027.D
Acq: 20 Oct 2021 19:16

Tgt Ion:244 Resp: 80814
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 12.3 9.0 13.6

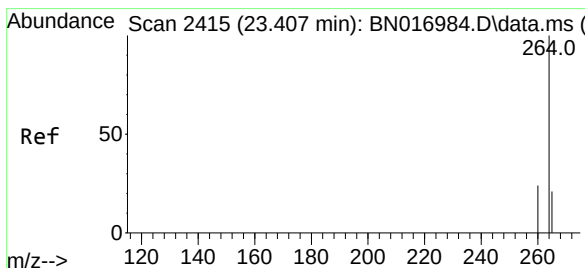
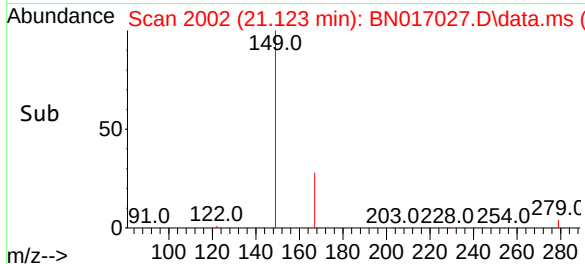
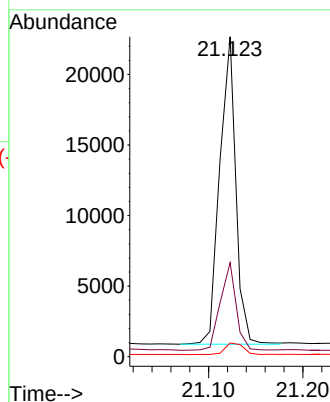
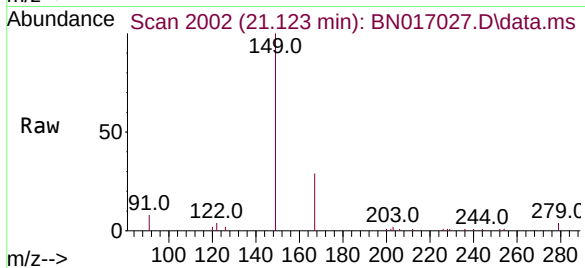




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.359 ng
 RT: 21.123 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: BN017027.D
 Acq: 20 Oct 2021 19:16

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

Tgt Ion:149 Resp: 25808
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.8 32.6
 279 4.4 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.404 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BN017027.D
 Acq: 20 Oct 2021 19:16

Tgt Ion:264 Resp: 89798
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.7 29.5
 265 23.2 18.3 27.5

