

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
 Data File : BN016994.D
 Acq On : 18 Oct 2021 19:03
 Operator : CG/JU
 Sample : M4251-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 19 04:12:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 15:14:53 2021
 Response via : Initial Calibration

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

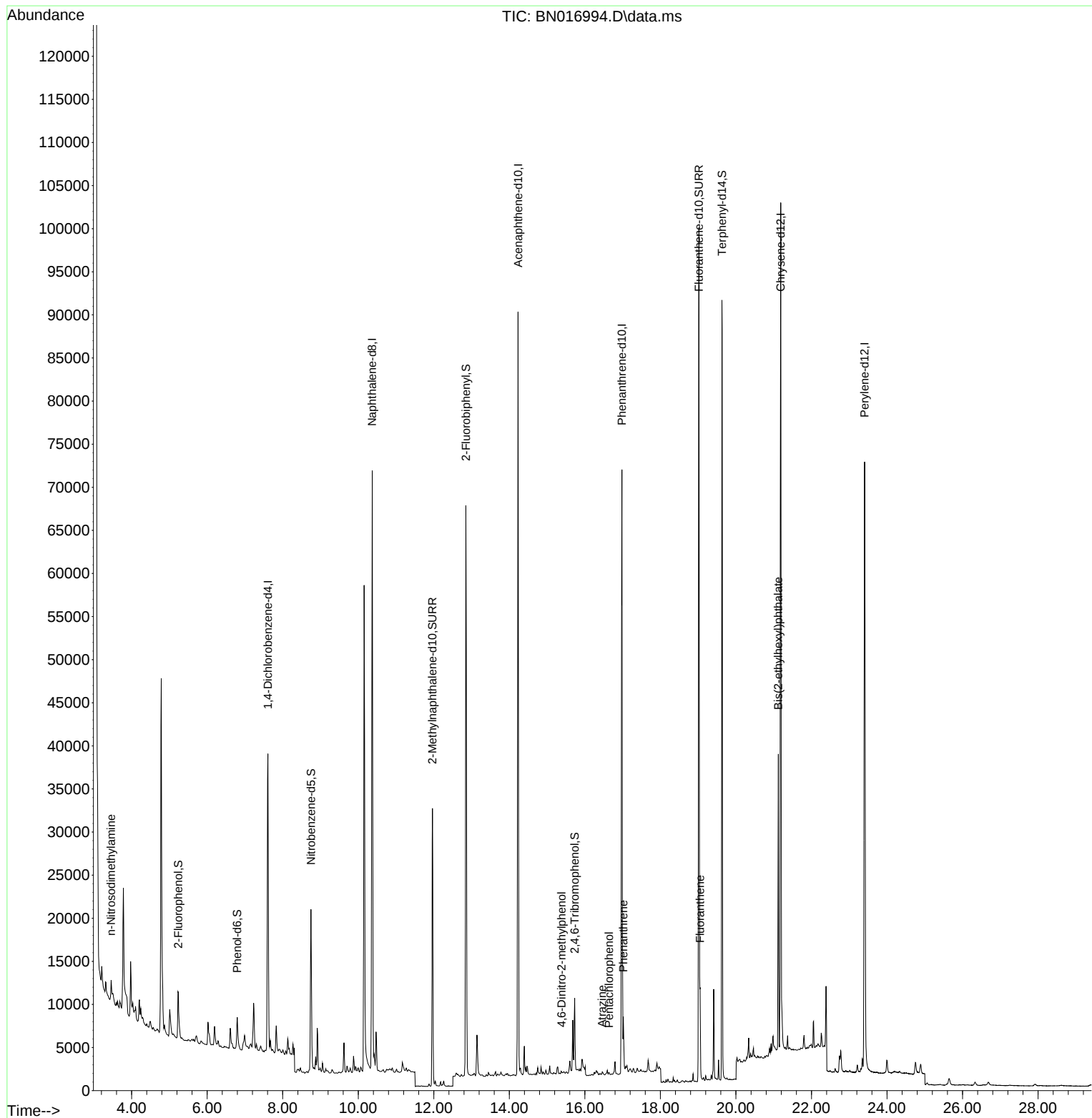
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	19893	0.400	ng	0.00
7) Naphthalene-d8	10.370	136	91494	0.400	ng	0.00
13) Acenaphthene-d10	14.232	164	49824	0.400	ng	0.00
19) Phenanthrene-d10	16.982	188	98337	0.400	ng	0.00
29) Chrysene-d12	21.186	240	93604	0.400	ng	0.00
35) Perylene-d12	23.407	264	94643	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.237	112	6212	0.149	ng	0.03
5) Phenol-d6	6.795	99	3942	0.082	ng	0.00
8) Nitrobenzene-d5	8.748	82	17154	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	11.964	152	44188	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	7127	0.398	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	59776	0.320	ng	0.00
27) Fluoranthene-d10	19.020	212	109148	0.443	ng	0.00
31) Terphenyl-d14	19.630	244	92999	0.449	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.458	42	781	0.051	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.387	198	11	0.178	ng	# 1
23) Atrazine	16.459	200	202	0.124	ng	# 58
24) Pentachlorophenol	16.642	266	141	0.243	ng	91
25) Phenanthrene	17.019	178	6445	0.023	ng	# 92
28) Fluoranthene	19.049	202	8717	0.029	ng	98
34) Bis(2-ethylhexyl)phtha...	21.123	149	27829	0.362	ng	100

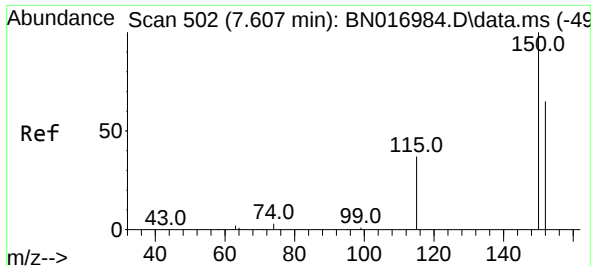
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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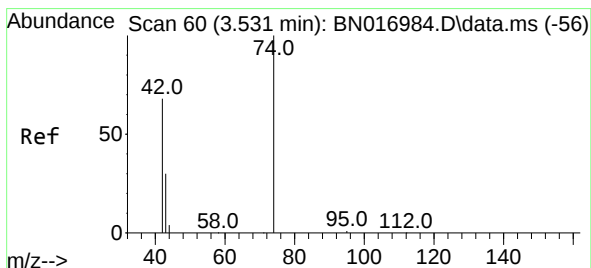
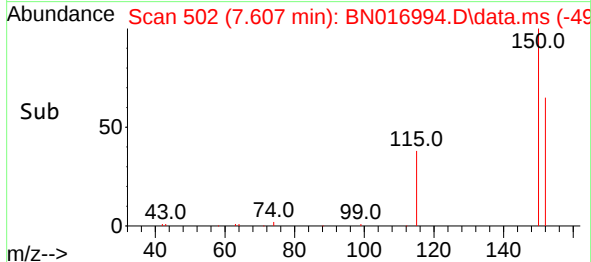
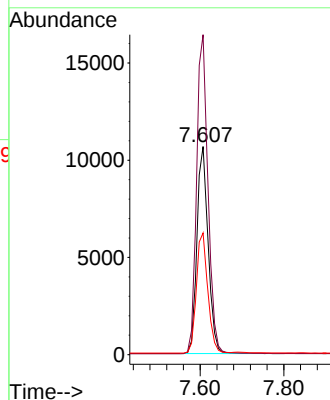
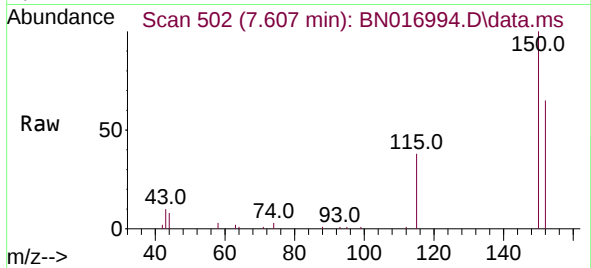




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.607 min Scan# 502
Delta R.T. -0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

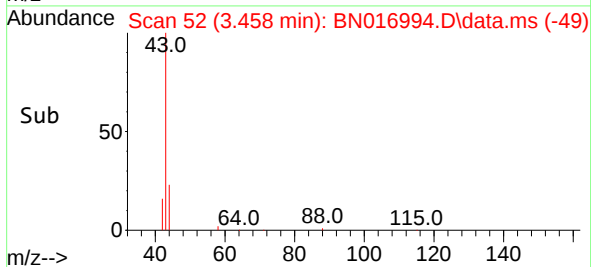
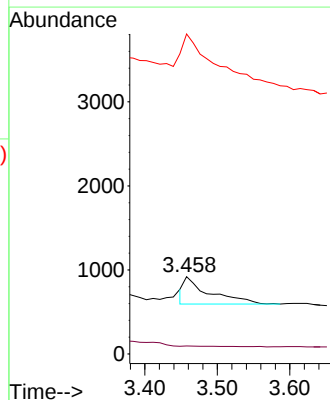
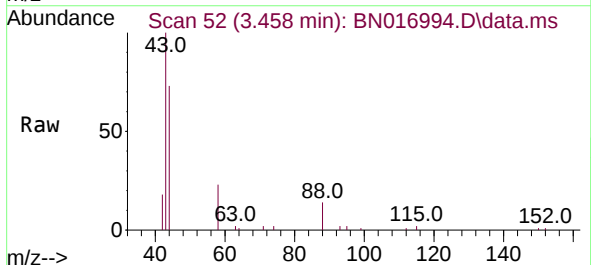
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

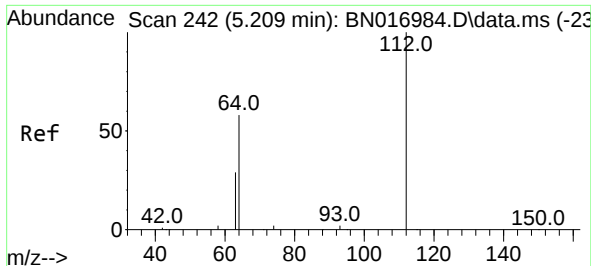
Tgt Ion:152 Resp: 19893
Ion Ratio Lower Upper
152 100
150 153.7 123.0 184.4
115 58.5 46.3 69.5



#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.458 min Scan# 52
Delta R.T. -0.073 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Tgt Ion: 42 Resp: 781
Ion Ratio Lower Upper
42 100
74 0.0 114.7 172.1#
44 281.3 3.8 5.6#

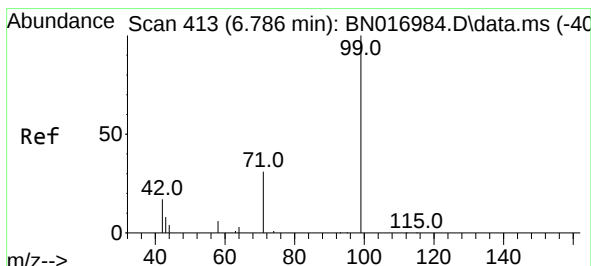
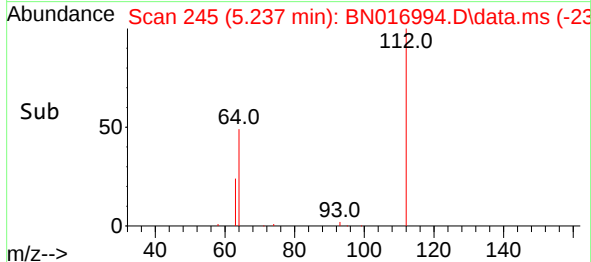
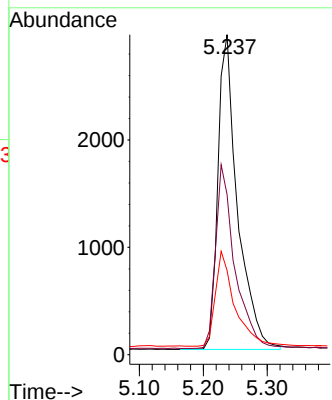
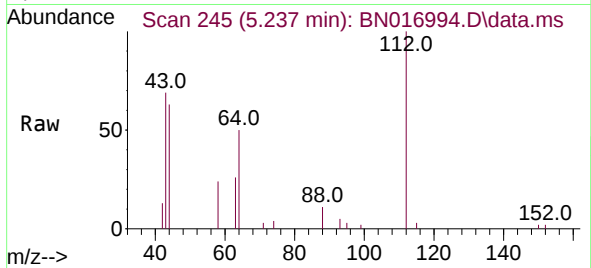




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.237 min Scan# 245
Delta R.T. 0.028 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

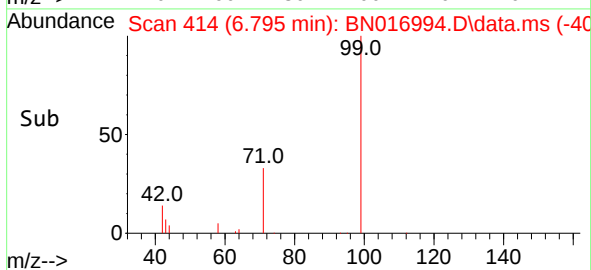
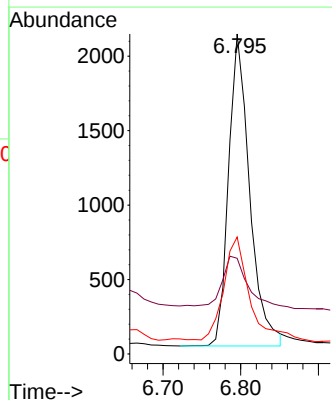
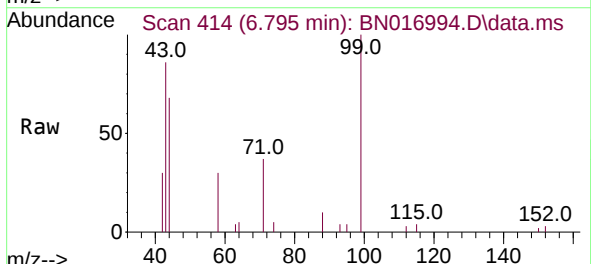
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

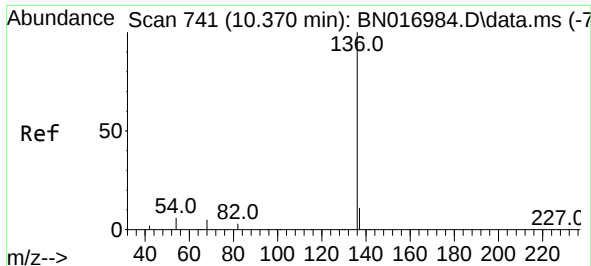
Tgt Ion:112 Resp: 6212
Ion Ratio Lower Upper
112 100
64 57.4 45.5 68.3
63 29.9 23.0 34.6



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.795 min Scan# 414
Delta R.T. 0.009 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Tgt Ion: 99 Resp: 3942
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 38.6 24.8 37.2#

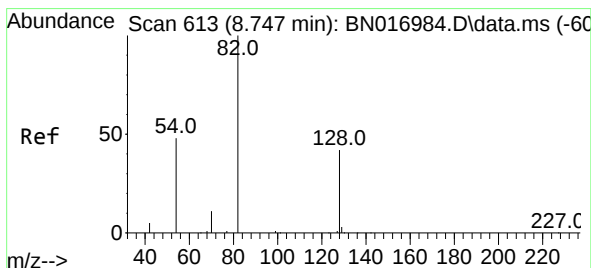
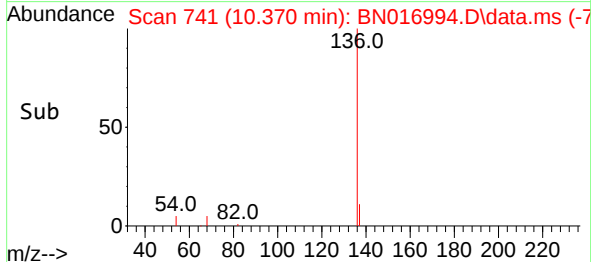
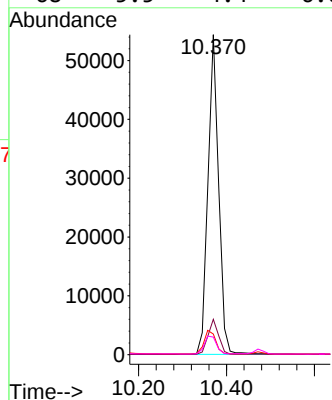
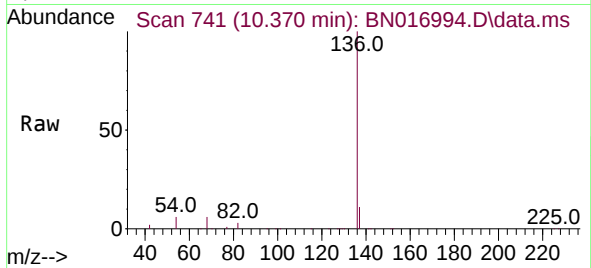




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

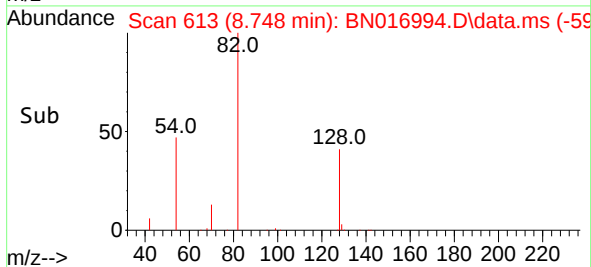
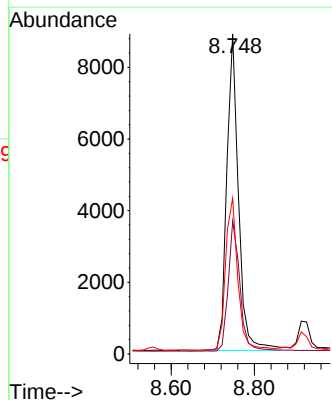
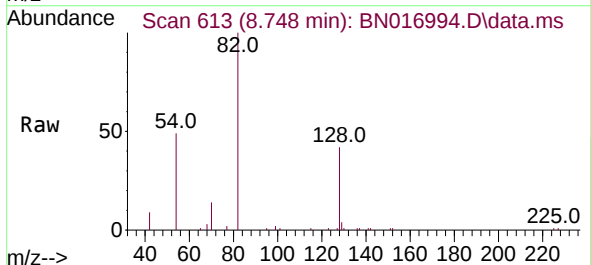
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

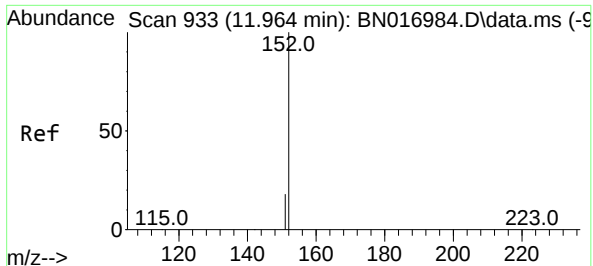
Tgt Ion:	136	Resp:	91494
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.2	7.8
68	5.5	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Tgt Ion:	82	Resp:	17154
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.9	50.9
54	48.7	38.3	57.5

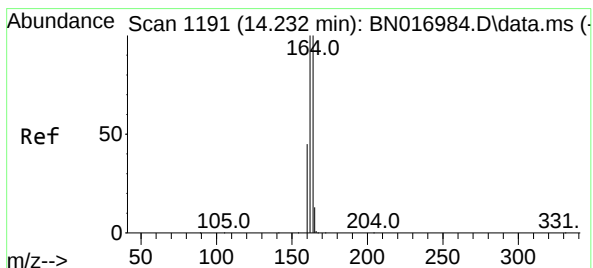
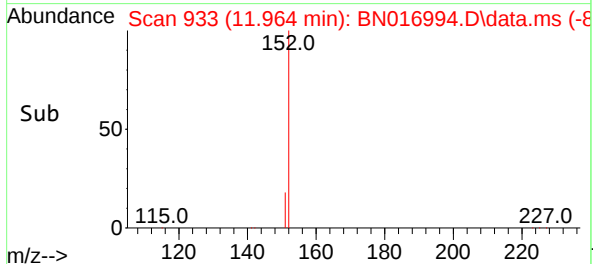
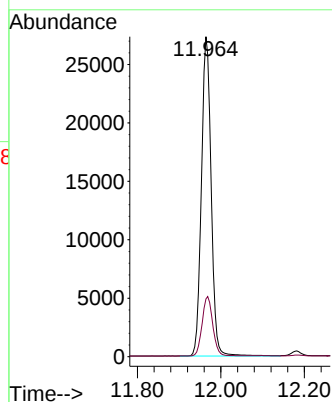
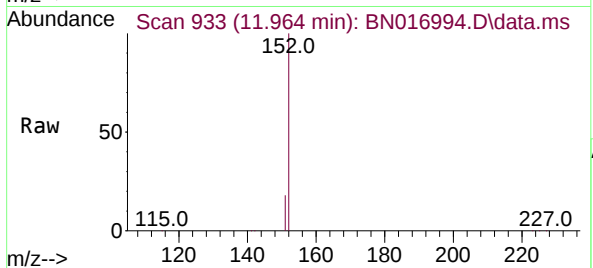




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

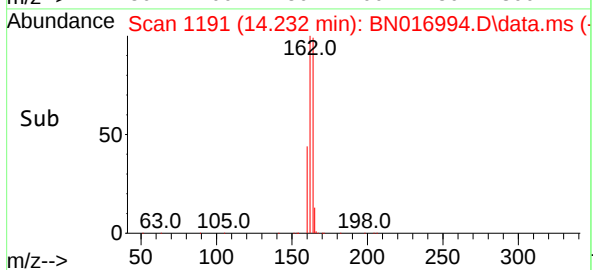
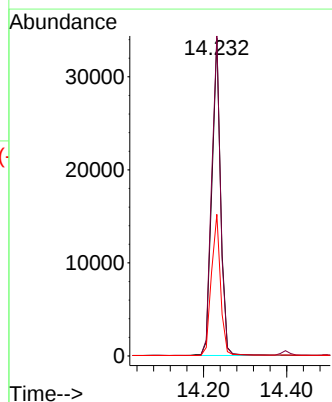
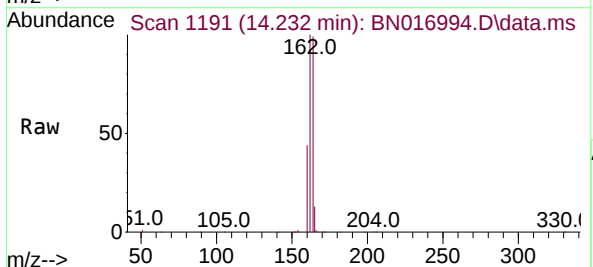
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

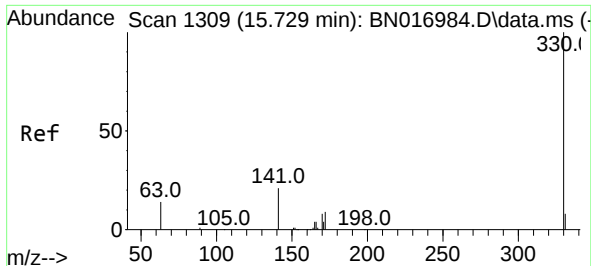
Tgt Ion:152 Resp: 44188
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Tgt Ion:164 Resp: 49824
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 44.6 36.0 54.0

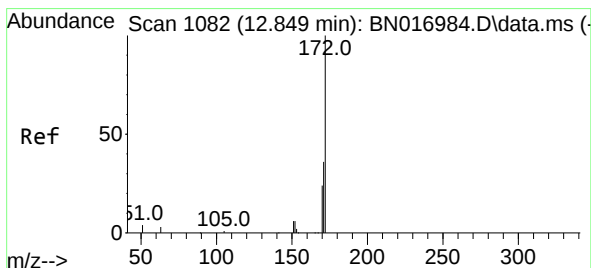
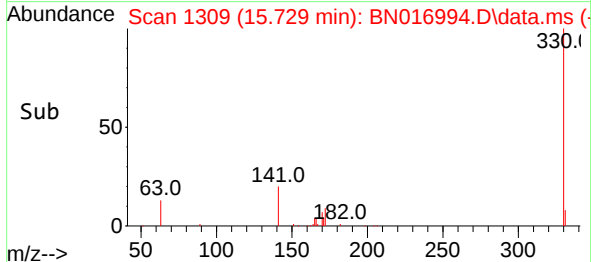
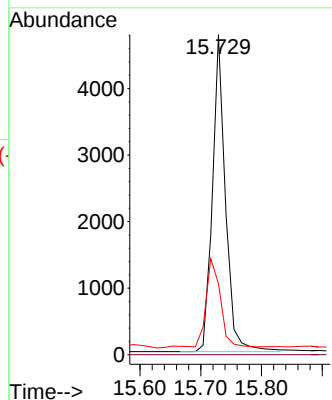
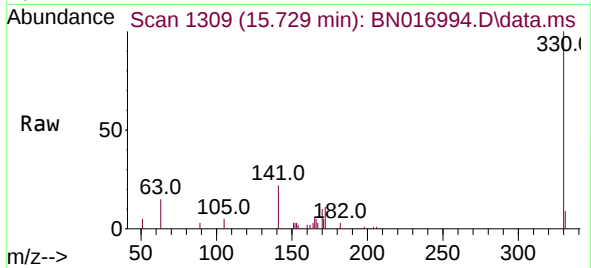




#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

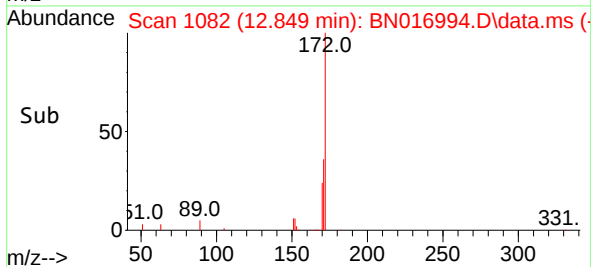
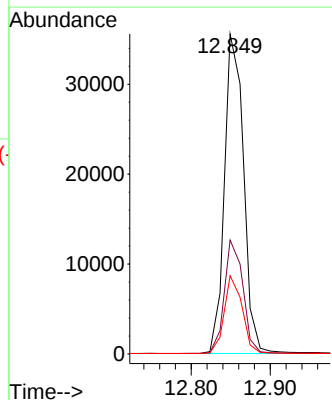
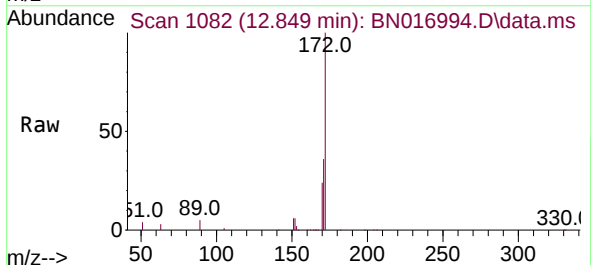
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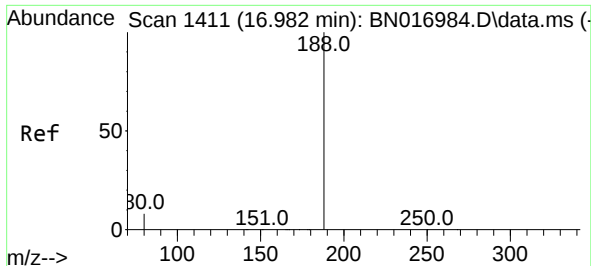
Tgt Ion:330 Resp: 7127
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 25.6 38.4



#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Tgt Ion:172 Resp: 59776
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 24.5 19.6 29.4

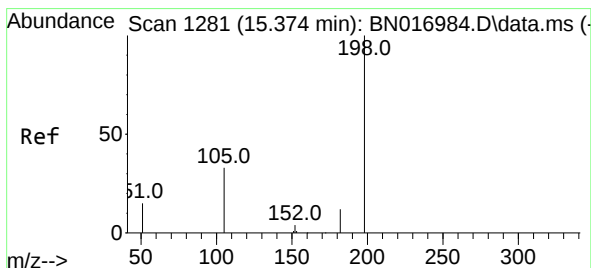
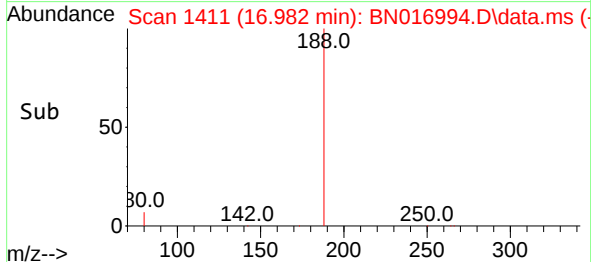
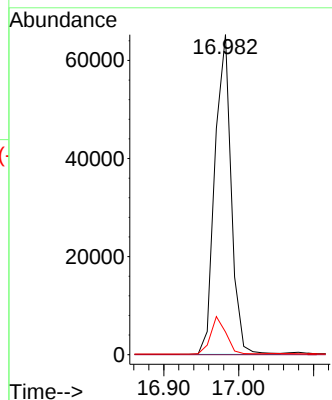
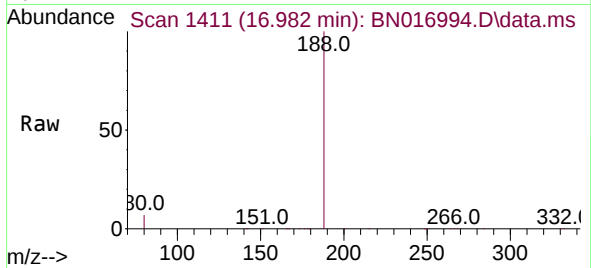




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.982 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

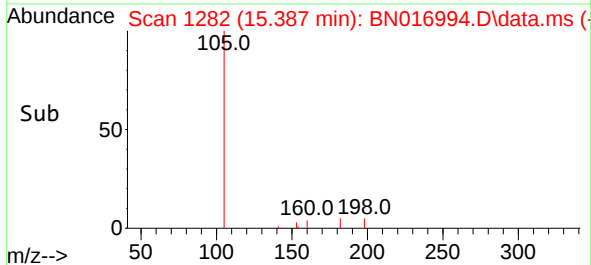
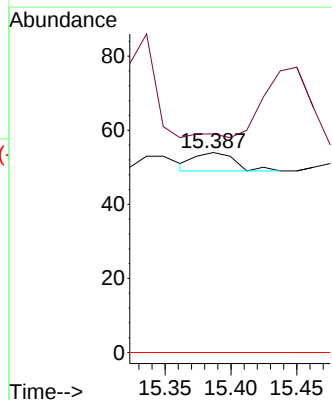
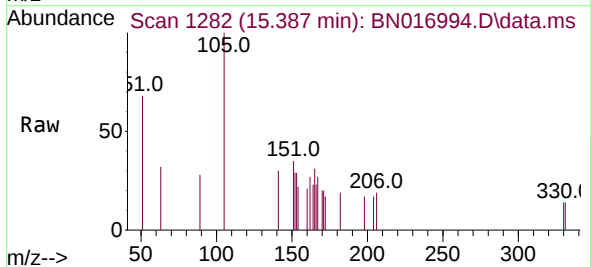
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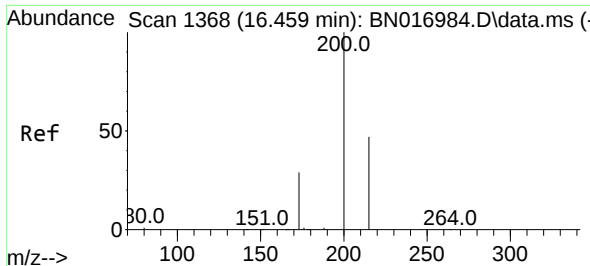
Tgt Ion:188	Resp:	98337
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.1	6.2
		9.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.387 min Scan# 1282
Delta R.T. 0.013 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Tgt Ion:198	Resp:	11
Ion Ratio	Lower	Upper
198	100	
182	109.3	12.5
77	0.0	0.0
		18.7#

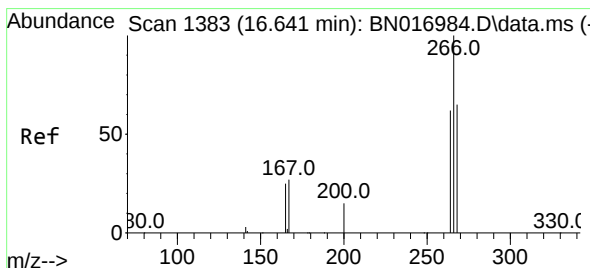
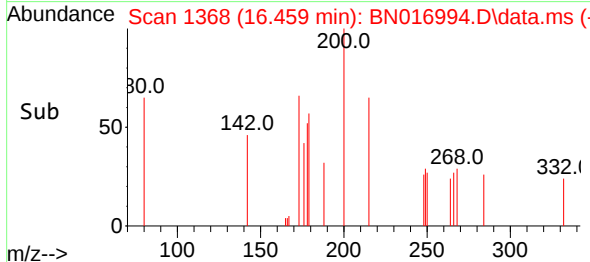
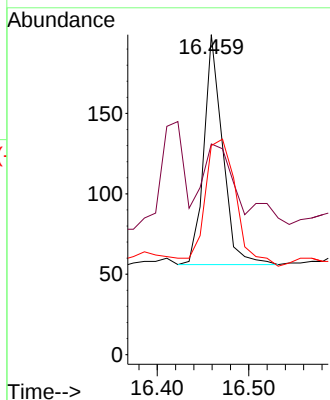
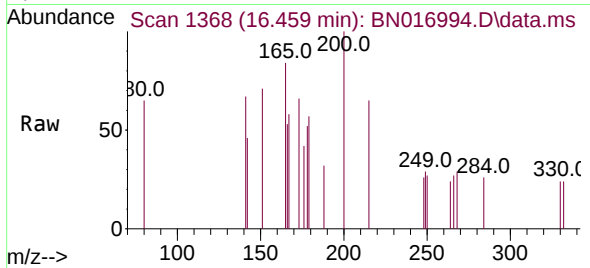




#23
Atrazine
Concen: 0.124 ng
RT: 16.459 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

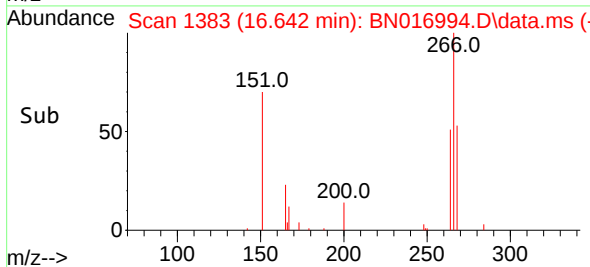
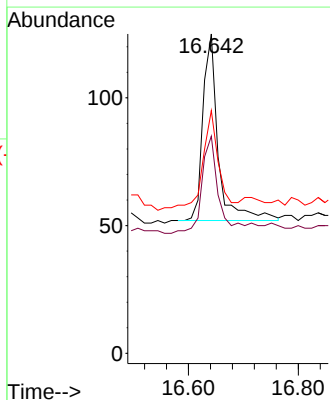
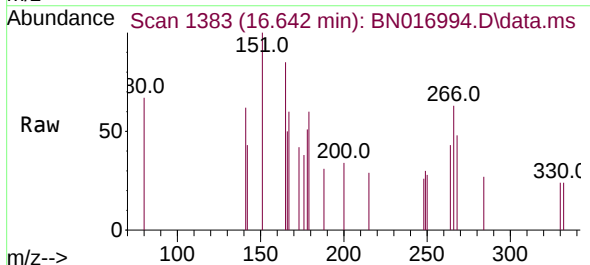
Instrument :
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SW-RR-01-(2.0)

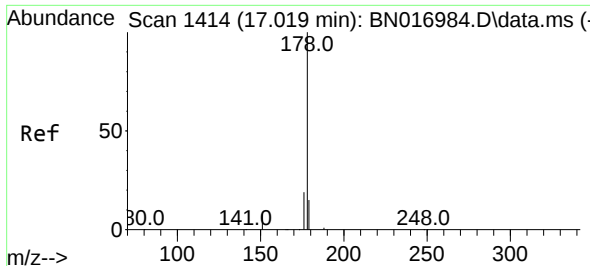
Tgt Ion:200 Resp: 202
Ion Ratio Lower Upper
200 100
173 65.8 23.5 35.3#
215 65.3 37.9 56.9#



#24
Pentachlorophenol
Concen: 0.243 ng
RT: 16.642 min Scan# 1383
Delta R.T. 0.001 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Tgt Ion:266 Resp: 141
Ion Ratio Lower Upper
266 100
264 61.7 50.0 75.0
268 51.1 50.9 76.3

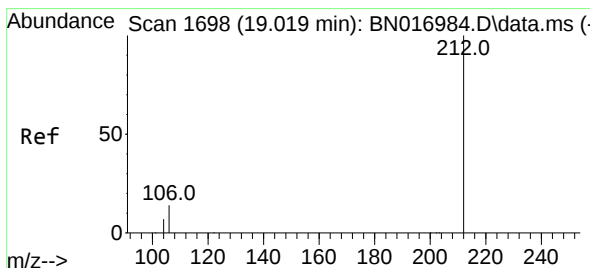
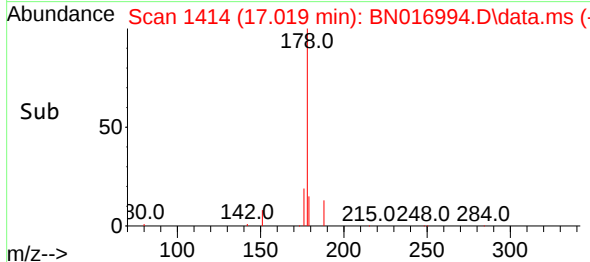
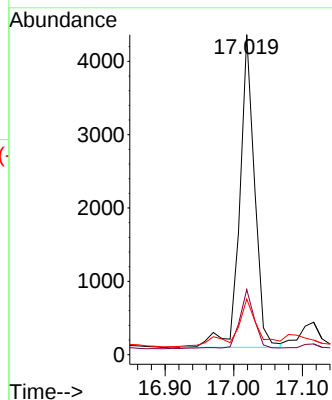
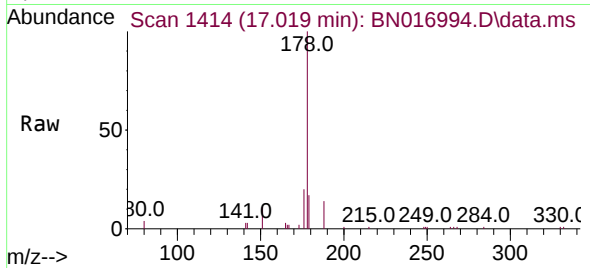




#25
Phenanthrene
Concen: 0.023 ng
RT: 17.019 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

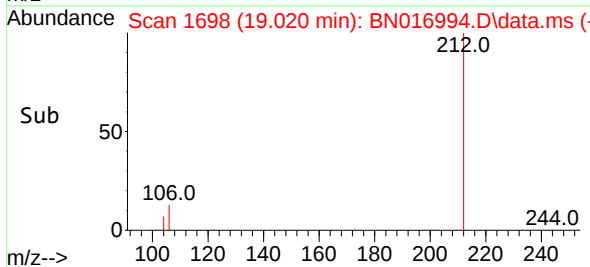
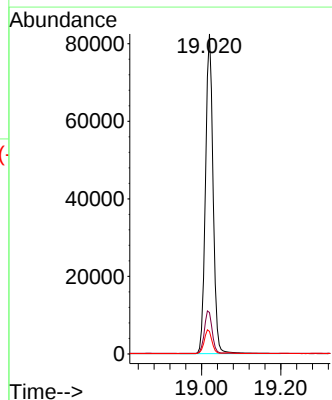
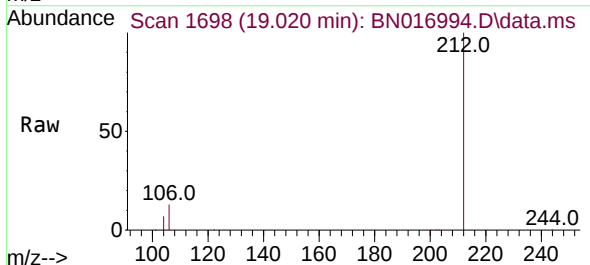
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

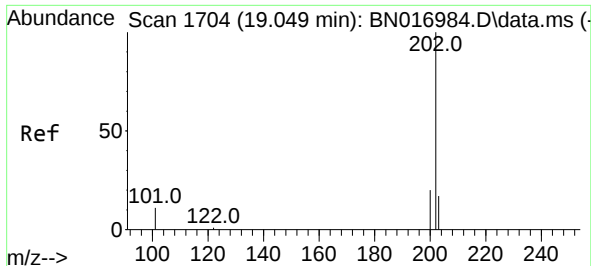
Tgt Ion:178 Resp: 6445
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 22.1 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.020 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Tgt Ion:212 Resp: 109148
Ion Ratio Lower Upper
212 100
106 13.7 11.0 16.4
104 7.4 6.0 9.0

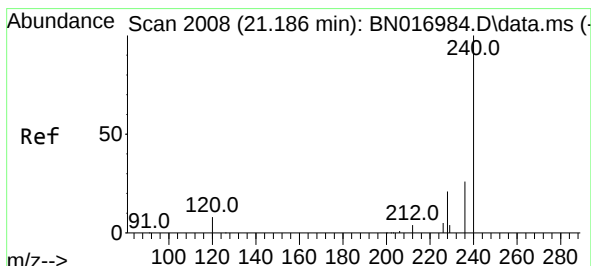
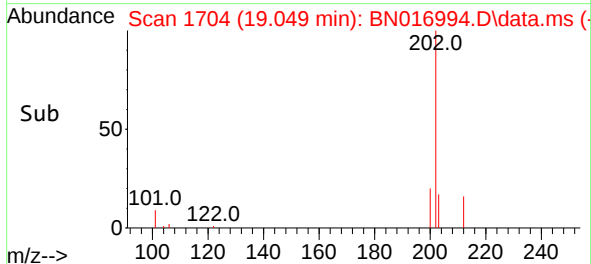
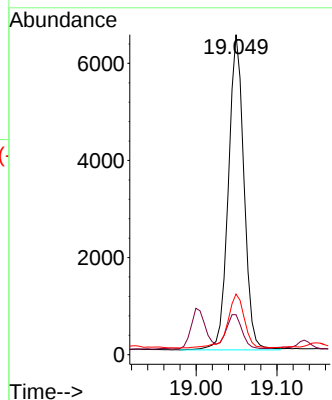
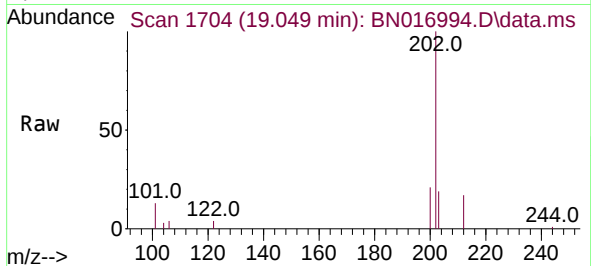




#28
Fluoranthene
Concen: 0.029 ng
RT: 19.049 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

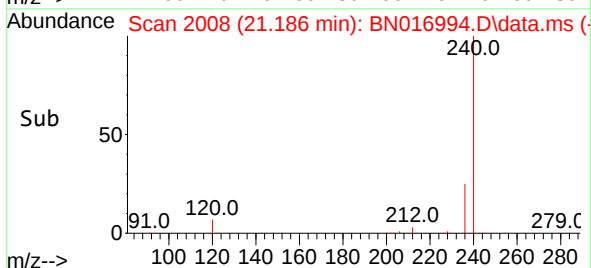
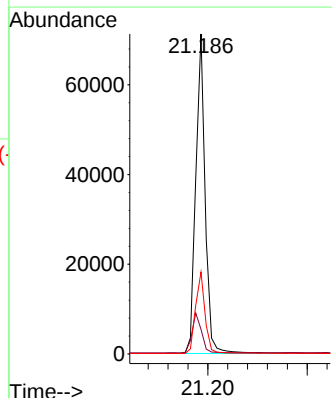
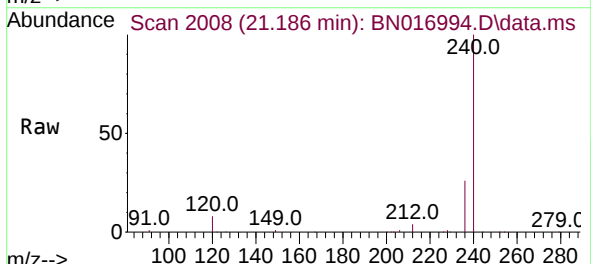
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

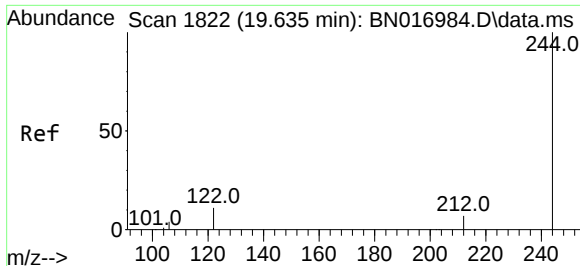
Tgt Ion:	202	Resp:	8717
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.3	13.9
203	18.3	13.8	20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.186 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Tgt Ion:	240	Resp:	93604
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.4	9.6
236	25.6	20.6	31.0

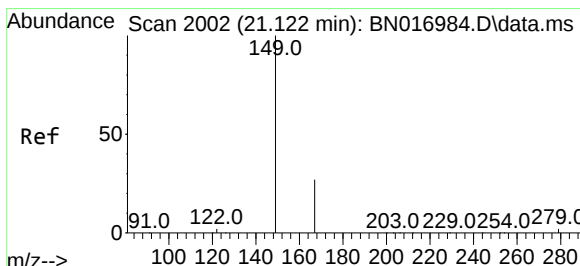
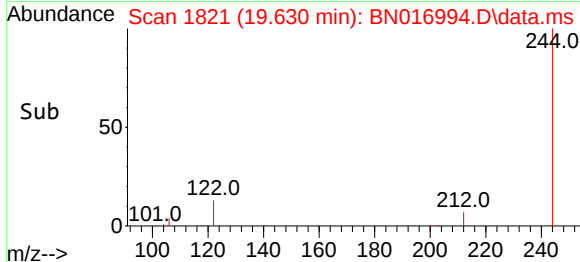
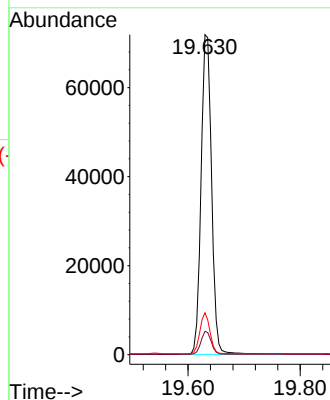
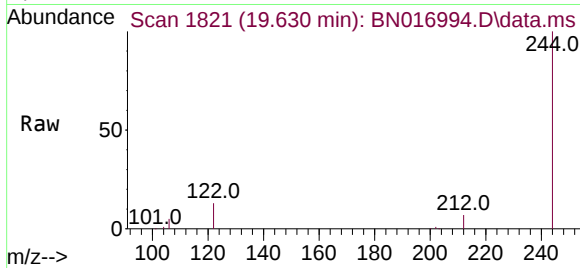




#31
Terphenyl-d14
Concen: 0.449 ng
RT: 19.630 min Scan# 1821
Delta R.T. -0.005 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

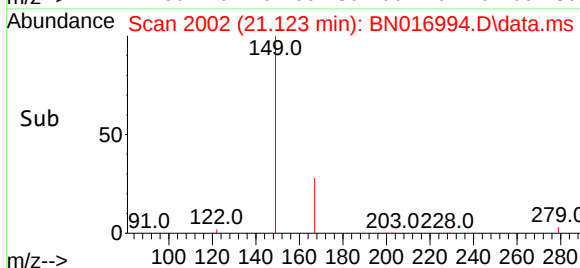
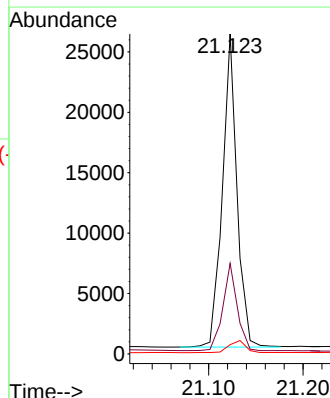
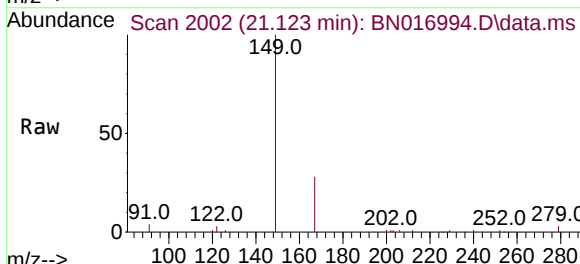
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

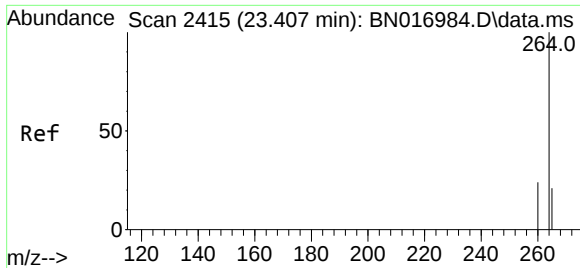
Tgt Ion:244 Resp: 92999
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 13.1 9.0 13.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.362 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.001 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Tgt Ion:149 Resp: 27829
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.6
279 4.4 3.4 5.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.407 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BN016994.D
Acq: 18 Oct 2021 19:03

Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion:264 Resp: 94643

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.6	18.3	27.5

