

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
 Data File : BN016995.D
 Acq On : 18 Oct 2021 19:40
 Operator : CG/JU
 Sample : M4251-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-54

Quant Time: Oct 19 04:12:15 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)

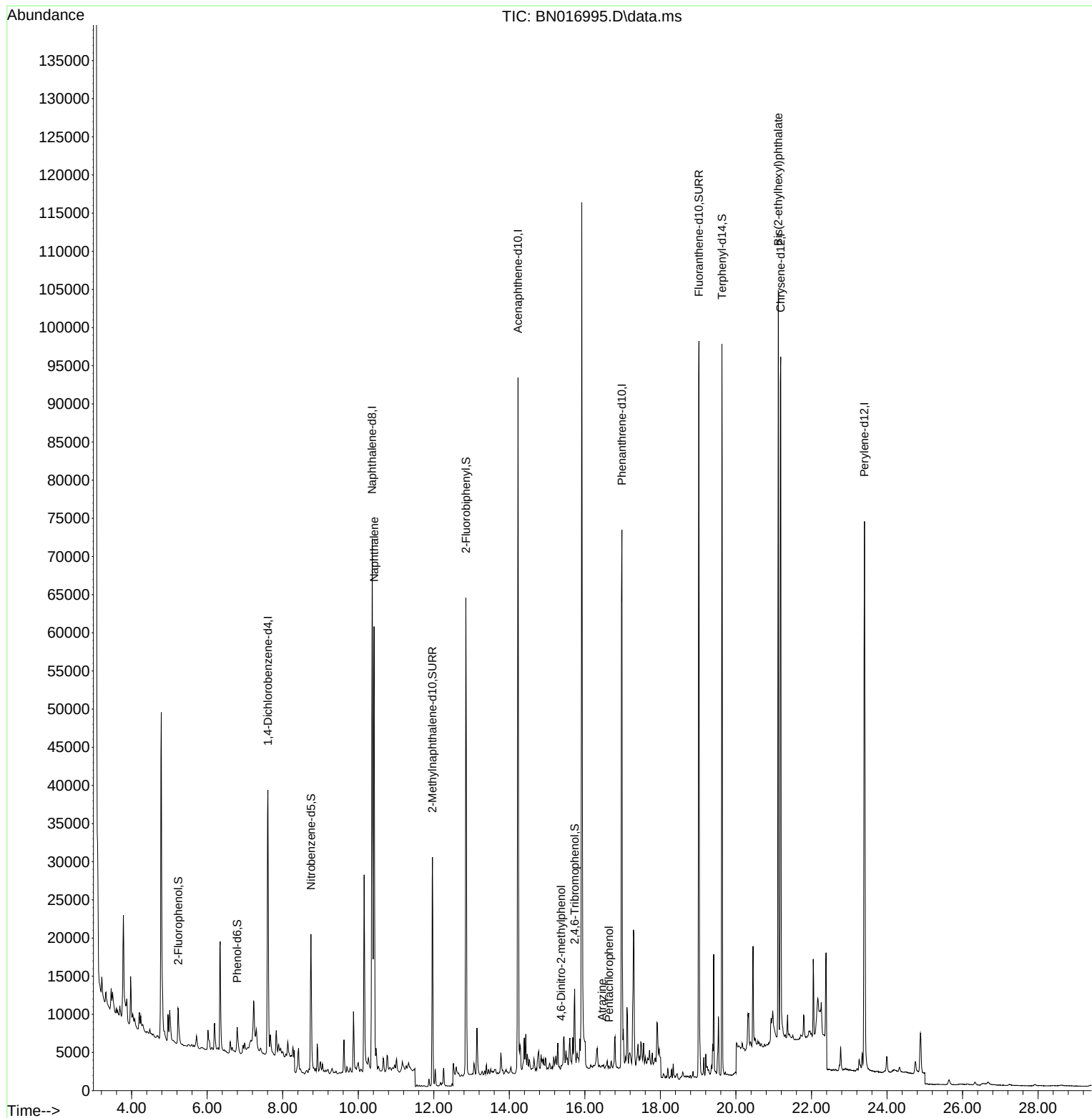
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	19948	0.400	ng	0.00
7) Naphthalene-d8	10.370	136	91551	0.400	ng	0.00
13) Acenaphthene-d10	14.232	164	51367	0.400	ng	0.00
19) Phenanthrene-d10	16.983	188	100075	0.400	ng	0.00
29) Chrysene-d12	21.186	240	95574	0.400	ng	# 0.00
35) Perylene-d12	23.404	264	97107	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.237	112	5402	0.129	ng	0.03
5) Phenol-d6	6.796	99	3456	0.072	ng	0.00
8) Nitrobenzene-d5	8.748	82	16137	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	11.964	152	40446	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	8261	0.431	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	55590	0.289	ng	0.00
27) Fluoranthene-d10	19.020	212	105872	0.423	ng	0.00
31) Terphenyl-d14	19.630	244	92514	0.437	ng	0.00
Target Compounds						
9) Naphthalene	10.421	128	74558	0.313	ng	Qvalue 100
20) 4,6-Dinitro-2-methylph...	15.374	198	19	0.179	ng	# 1
23) Atrazine	16.459	200	242	0.124	ng	# 43
24) Pentachlorophenol	16.642	266	228	0.246	ng	92
34) Bis(2-ethylhexyl)phtha...	21.123	149	82255	0.655	ng	99

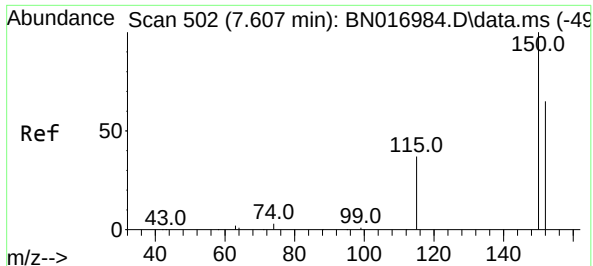
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016995.D
Acq On : 18 Oct 2021 19:40
Operator : CG/JU
Sample : M4251-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RR-54

Quant Time: Oct 19 04:12:15 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

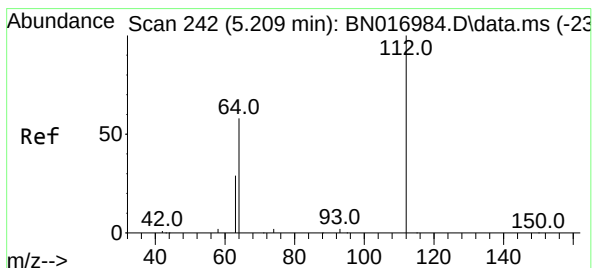
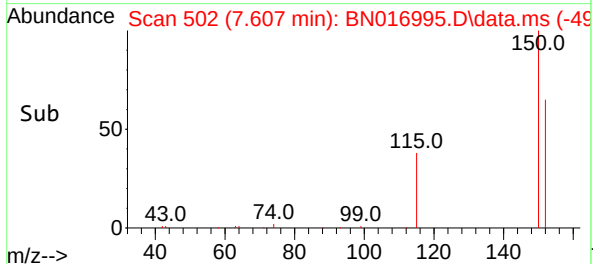
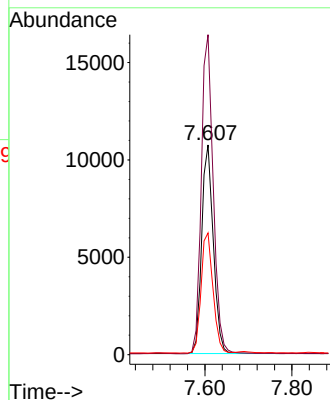
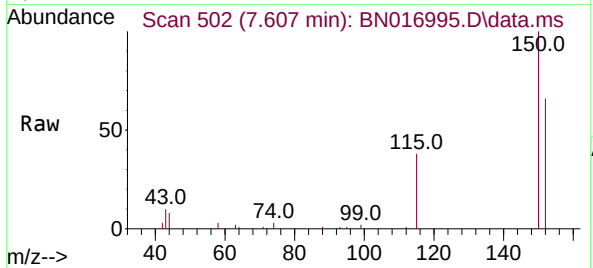




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.607 min Scan# 502
 Delta R.T. -0.000 min
 Lab File: BN016995.D
 Acq: 18 Oct 2021 19:40

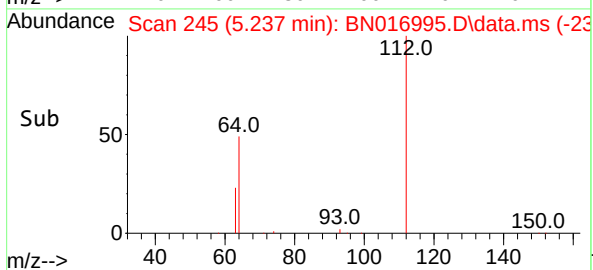
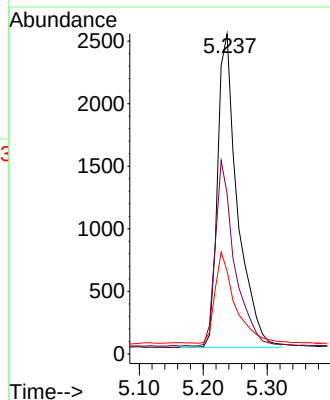
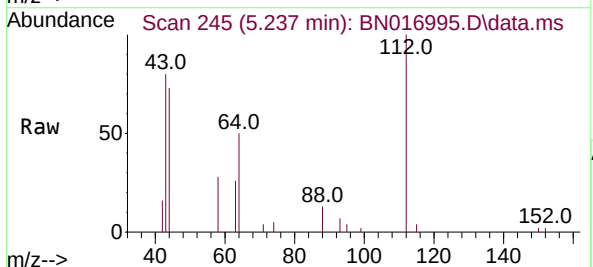
Instrument :
 BNA_N
 ClientSampleId :
 RR-54

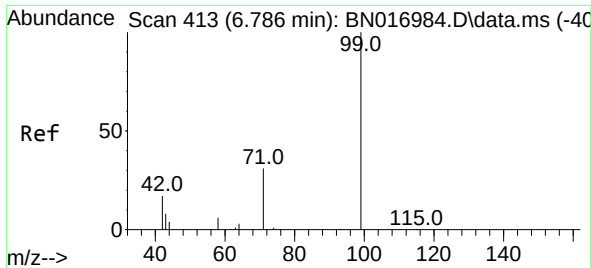
Tgt Ion:152 Resp: 19948
 Ion Ratio Lower Upper
 152 100
 150 152.6 123.0 184.4
 115 58.0 46.3 69.5



#4
 2-Fluorophenol
 Concen: 0.129 ng
 RT: 5.237 min Scan# 245
 Delta R.T. 0.028 min
 Lab File: BN016995.D
 Acq: 18 Oct 2021 19:40

Tgt Ion:112 Resp: 5402
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.5 68.3
 63 29.1 23.0 34.6

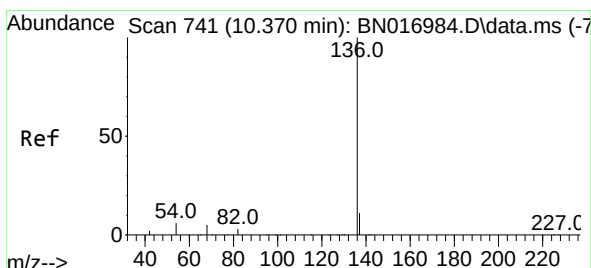
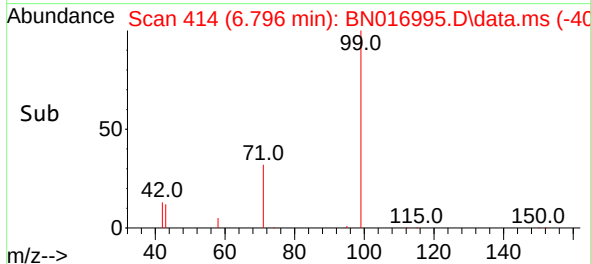
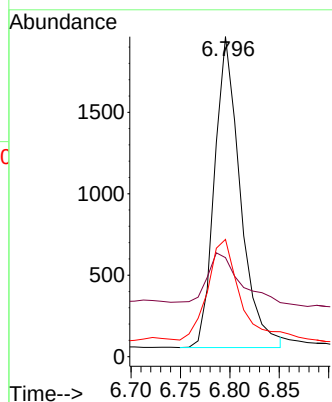
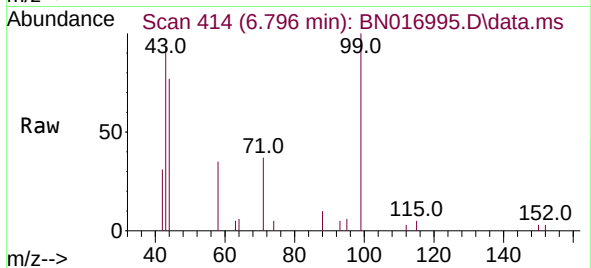




#5
Phenol-d6
Concen: 0.072 ng
RT: 6.796 min Scan# 414
Delta R.T. 0.010 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

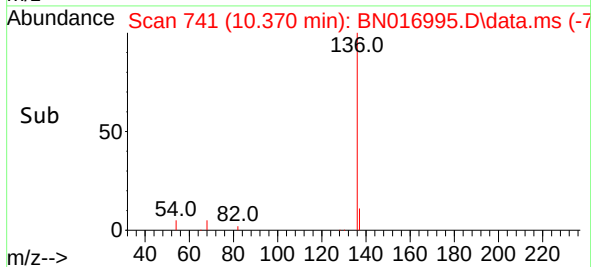
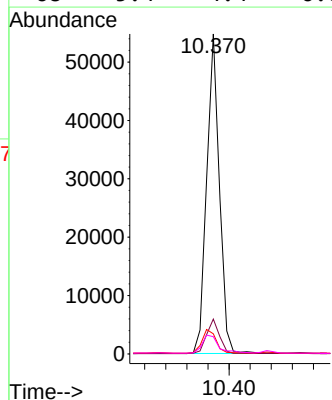
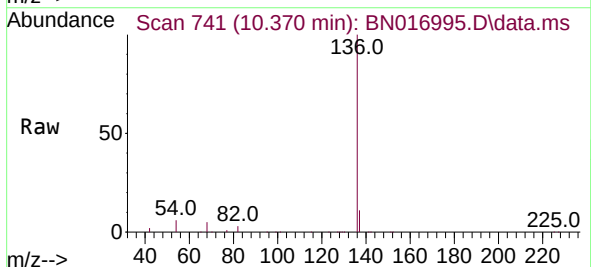
Instrument :
BNA_N
ClientSampleId :
RR-54

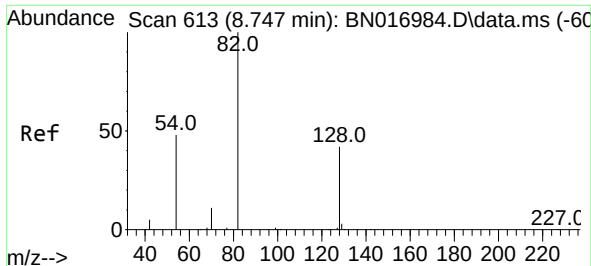
Tgt Ion:	99	Resp:	3456
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.6	21.8
71	39.8	24.8	37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

Tgt Ion:	136	Resp:	91551
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.3	5.2	7.8
68	5.4	4.4	6.6

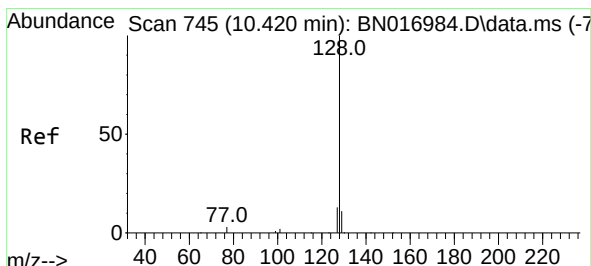
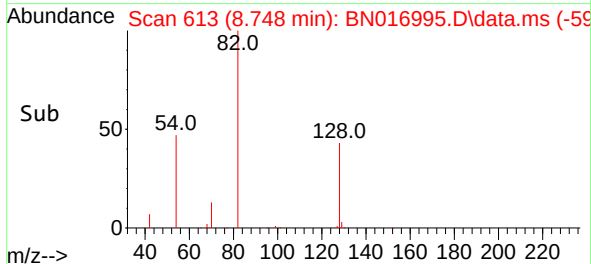
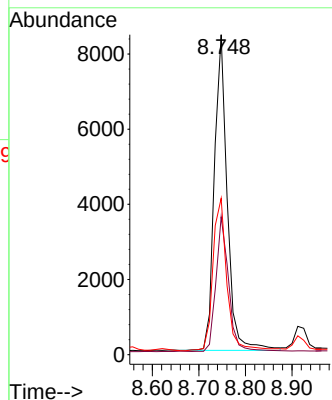
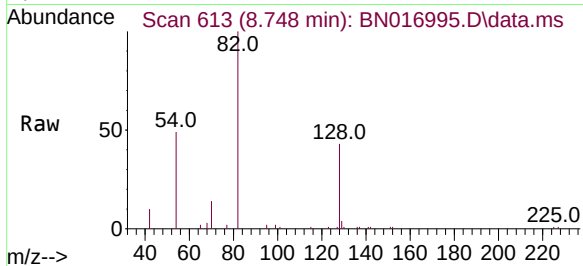




#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

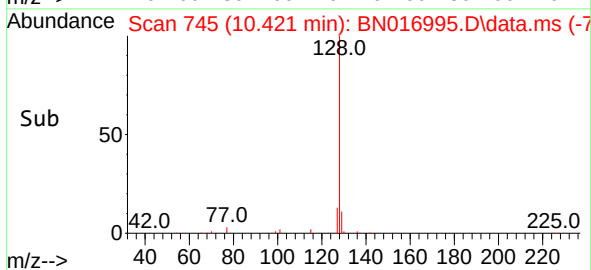
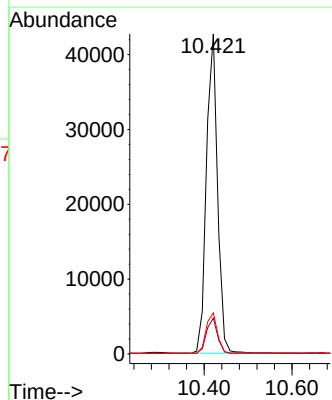
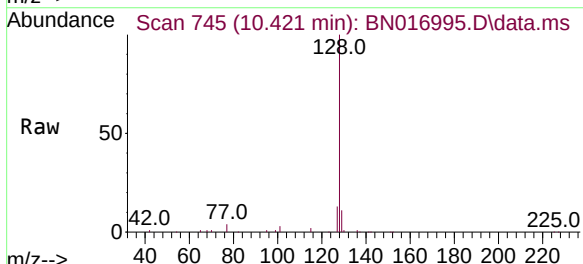
Instrument :
BNA_N
ClientSampleId :
RR-54

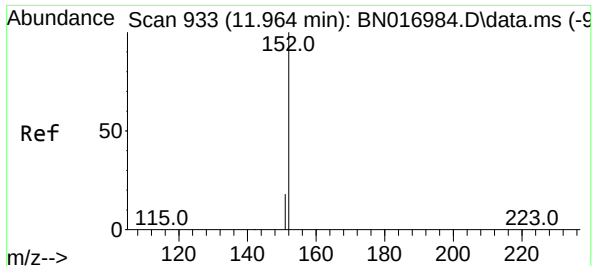
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.9	50.9
54	48.9	38.3	57.5



#9
Naphthalene
Concen: 0.313 ng
RT: 10.421 min Scan# 745
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.9	10.3	15.5

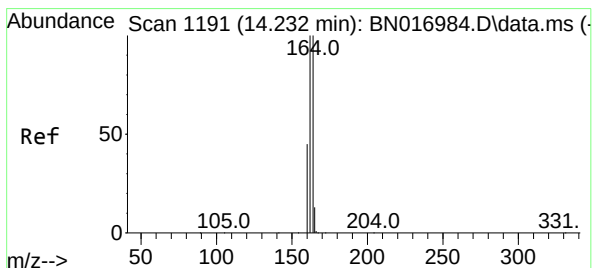
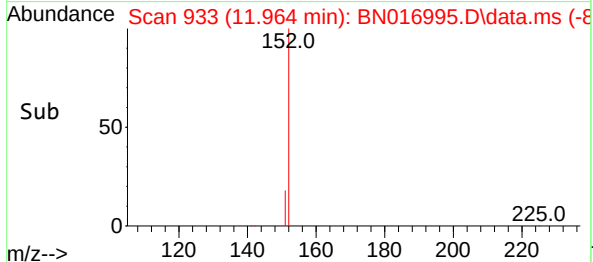
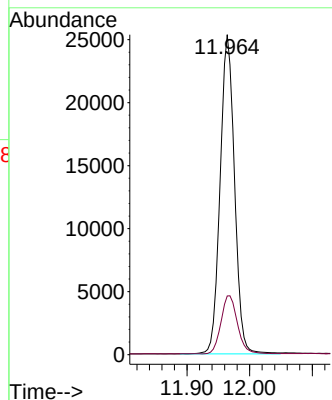
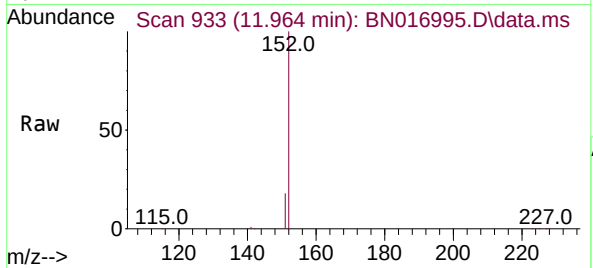




#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

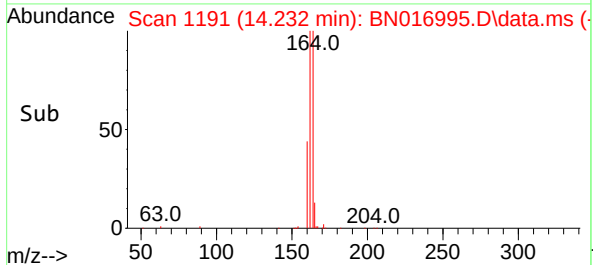
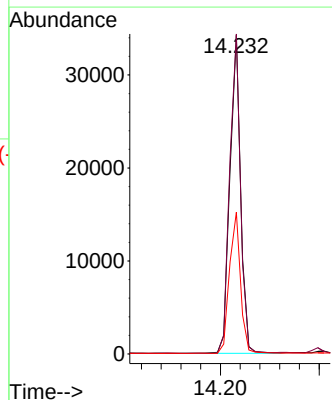
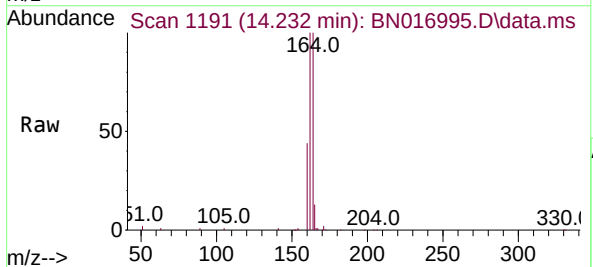
Instrument :
BNA_N
ClientSampleId :
RR-54

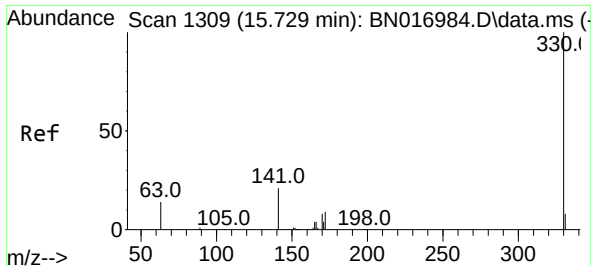
Tgt Ion:152 Resp: 40446
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

Tgt Ion:164 Resp: 51367
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 44.5 36.0 54.0

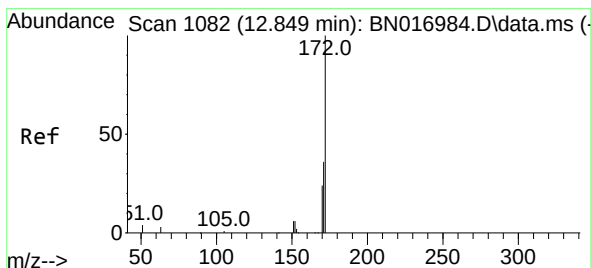
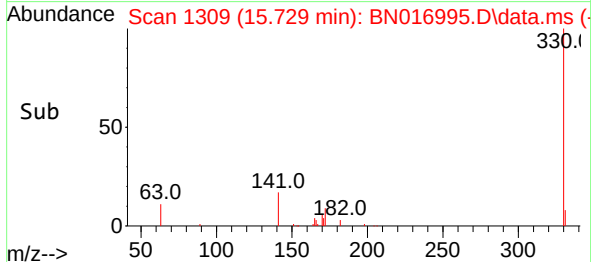
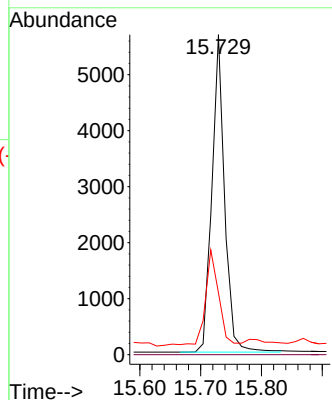
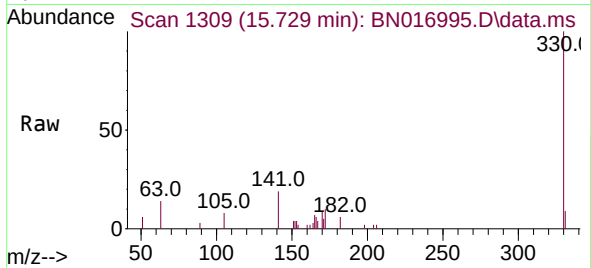




#14
2,4,6-Tribromophenol
Concen: 0.431 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

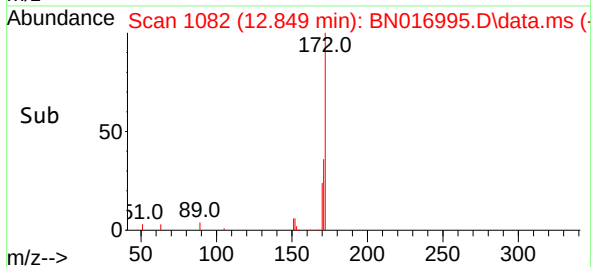
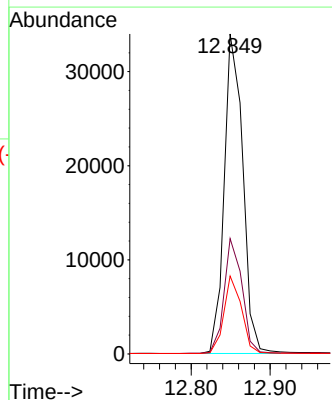
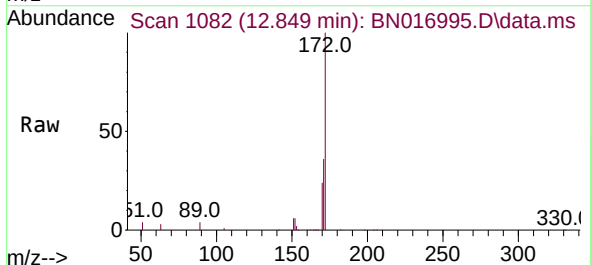
Instrument :
BNA_N
ClientSampleId :
RR-54

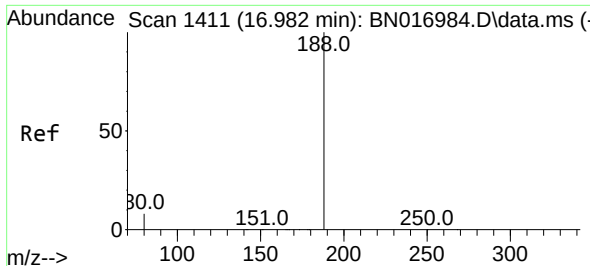
Tgt Ion:330 Resp: 8261
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.1 25.6 38.4



#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

Tgt Ion:172 Resp: 55590
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.3 19.6 29.4

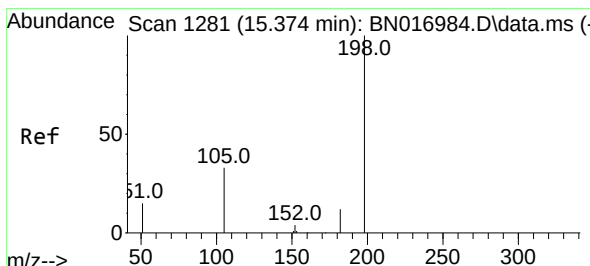
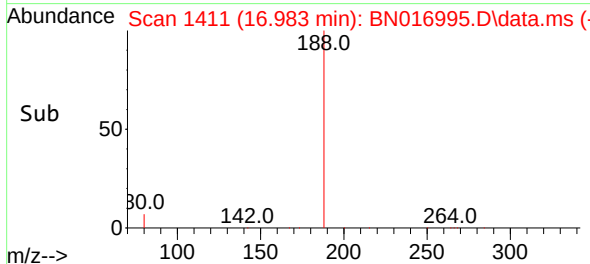
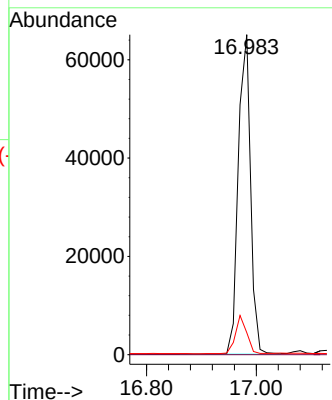
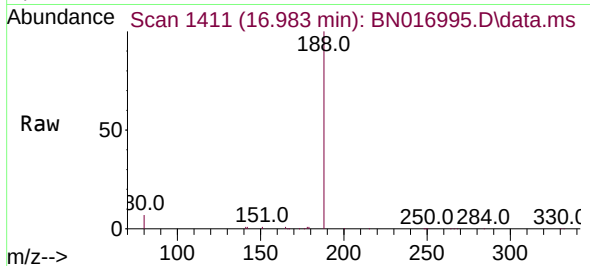




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.983 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

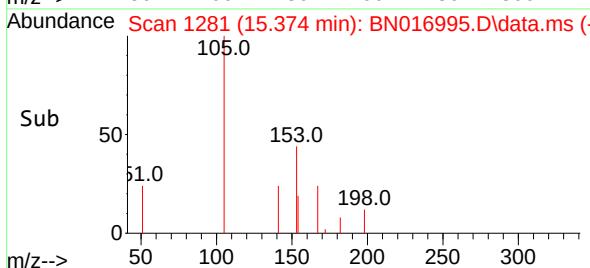
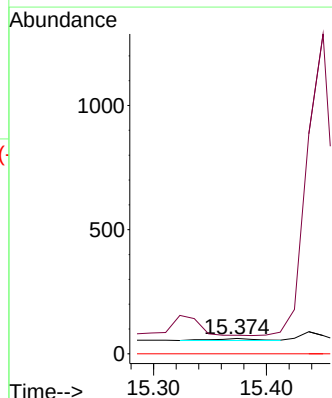
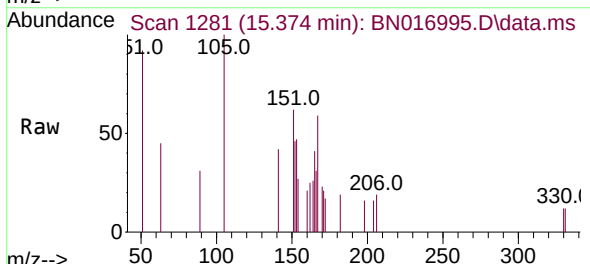
Instrument :
BNA_N
ClientSampleId :
RR-54

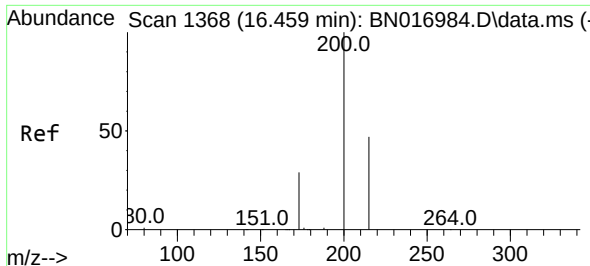
Tgt Ion:188 Resp: 100075
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 6.2 9.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.374 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
182 121.0 12.5 18.7#
77 0.0 0.0 0.0

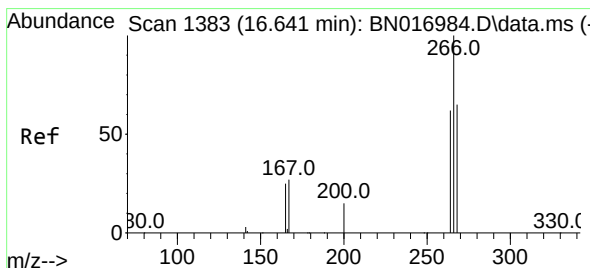
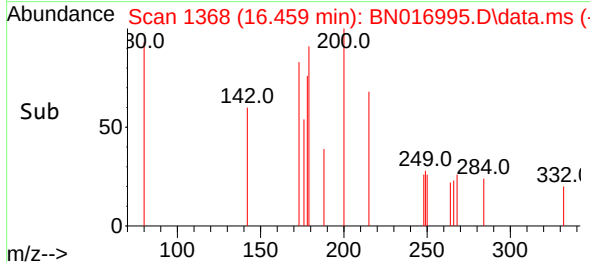
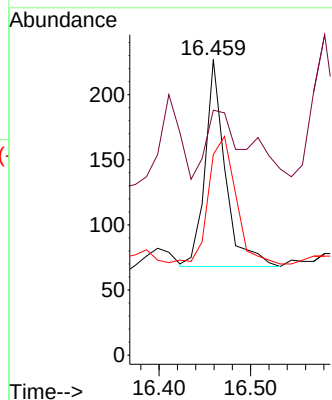
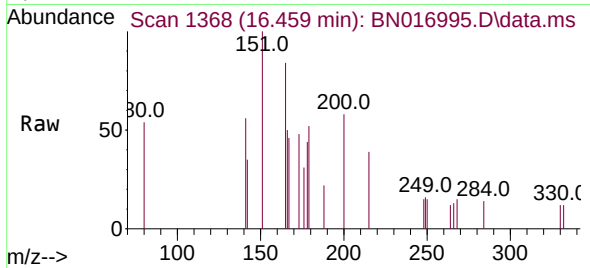




#23
Atrazine
Concen: 0.124 ng
RT: 16.459 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

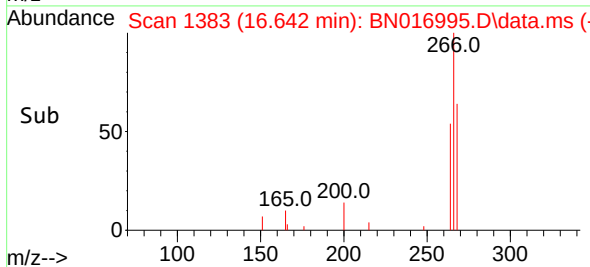
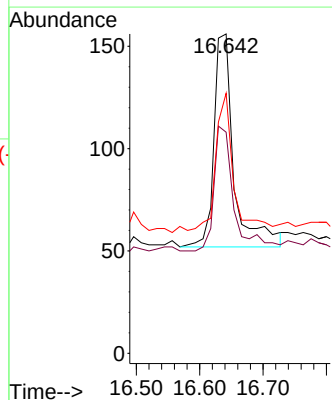
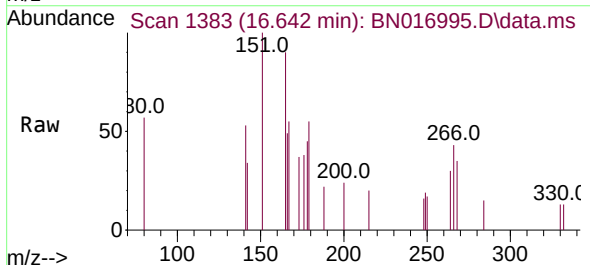
Instrument :
BNA_N
ClientSampleId :
RR-54

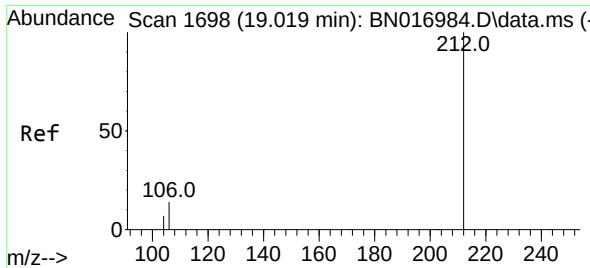
Tgt Ion:200 Resp: 242
Ion Ratio Lower Upper
200 100
173 82.8 23.5 35.3#
215 67.8 37.9 56.9#



#24
Pentachlorophenol
Concen: 0.246 ng
RT: 16.642 min Scan# 1383
Delta R.T. 0.001 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

Tgt Ion:266 Resp: 228
Ion Ratio Lower Upper
266 100
264 58.8 50.0 75.0
268 55.3 50.9 76.3

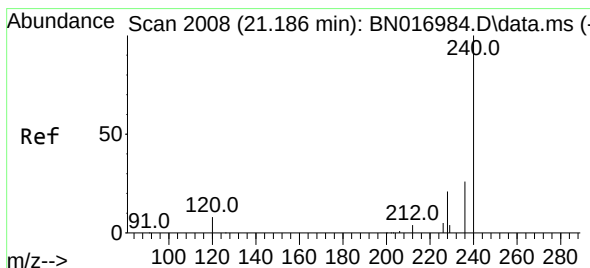
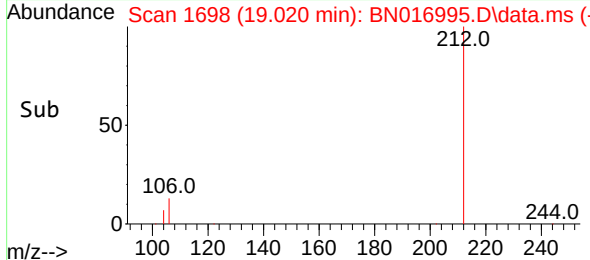
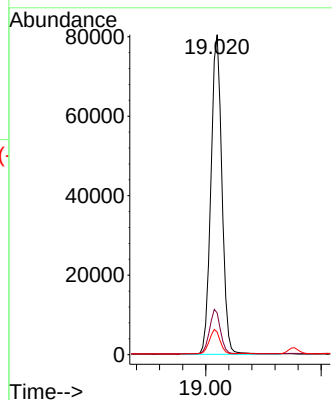
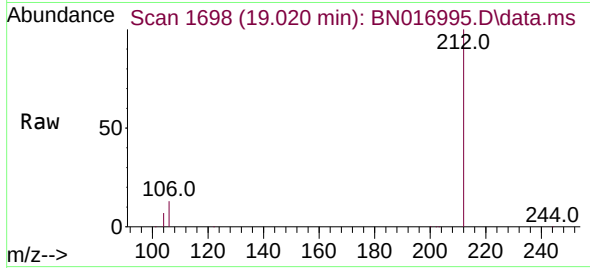




#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.020 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

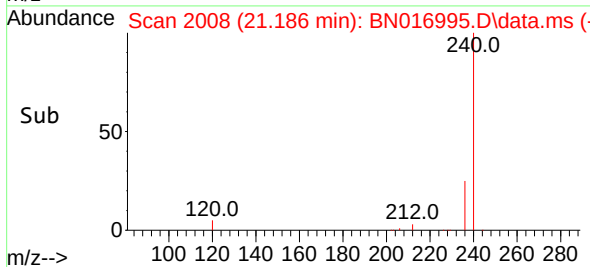
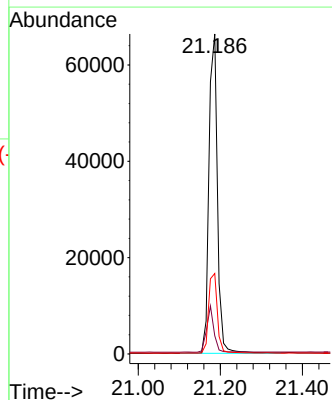
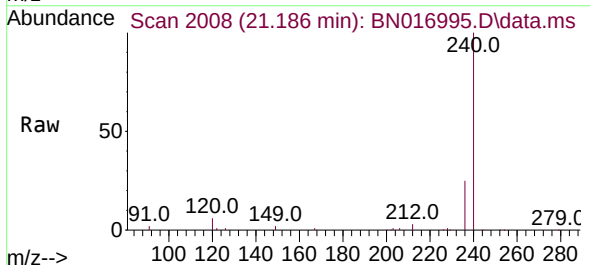
Instrument :
BNA_N
ClientSampled :
RR-54

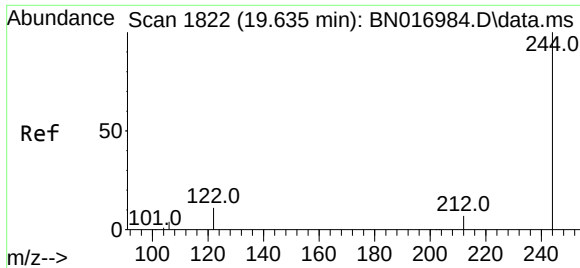
Tgt Ion:212 Resp: 105872
Ion Ratio Lower Upper
212 100
106 13.7 11.0 16.4
104 7.6 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.186 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN016995.D
Acq: 18 Oct 2021 19:40

Tgt Ion:240 Resp: 95574
Ion Ratio Lower Upper
240 100
120 5.7 6.4 9.6#
236 25.1 20.6 31.0

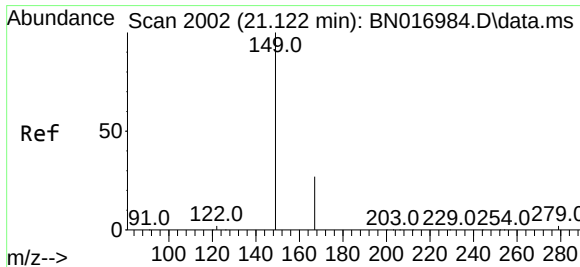
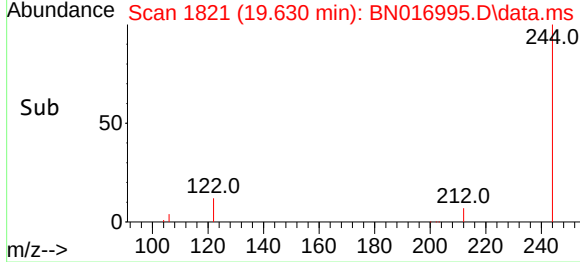
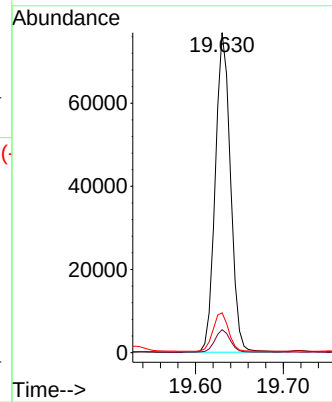
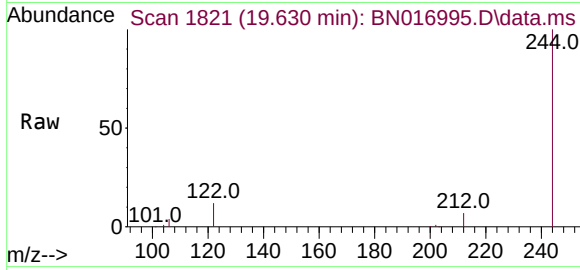




#31
 Terphenyl-d14
 Concen: 0.437 ng
 RT: 19.630 min Scan# 1821
 Delta R.T. -0.005 min
 Lab File: BN016995.D
 Acq: 18 Oct 2021 19:40

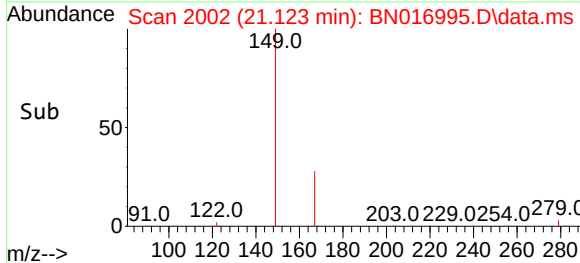
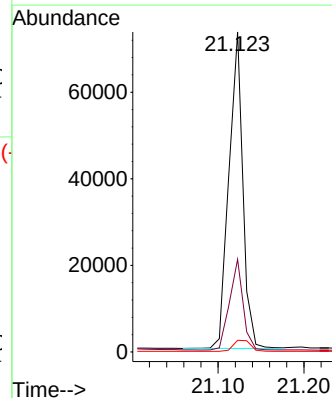
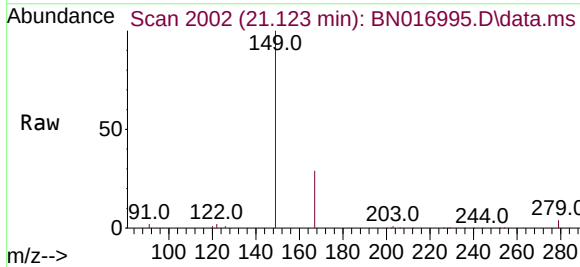
Instrument :
 BNA_N
 ClientSampleId :
 RR-54

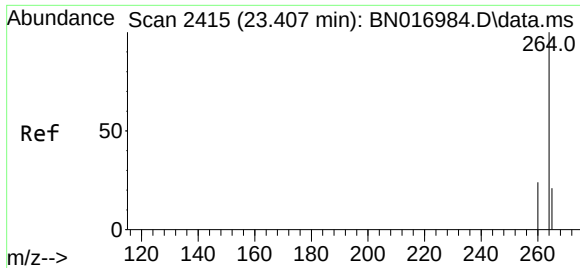
Tgt Ion:244	Resp:	92514
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.6 8.4
122	12.4	9.0 13.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.655 ng
 RT: 21.123 min Scan# 2002
 Delta R.T. 0.001 min
 Lab File: BN016995.D
 Acq: 18 Oct 2021 19:40

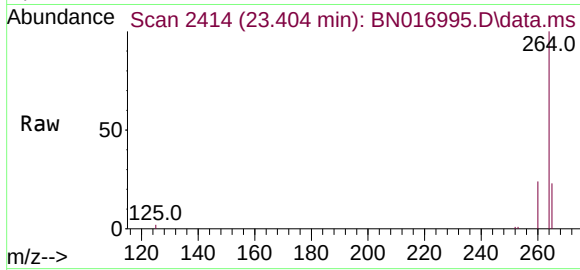
Tgt Ion:149	Resp:	82255
Ion Ratio	Lower	Upper
149	100	
167	27.8	21.8 32.6
279	4.3	3.4 5.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.404 min Scan# 2414
 Delta R.T. -0.003 min
 Lab File: BN016995.D
 Acq: 18 Oct 2021 19:40

Instrument :
 BNA_N
 ClientSampleId :
 RR-54



Tgt Ion:264 Resp: 97107

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.9	18.3	27.5

