

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
 Data File : BN016993.D
 Acq On : 18 Oct 2021 18:27
 Operator : CG/JU
 Sample : M4251-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 19 04:12:00 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)

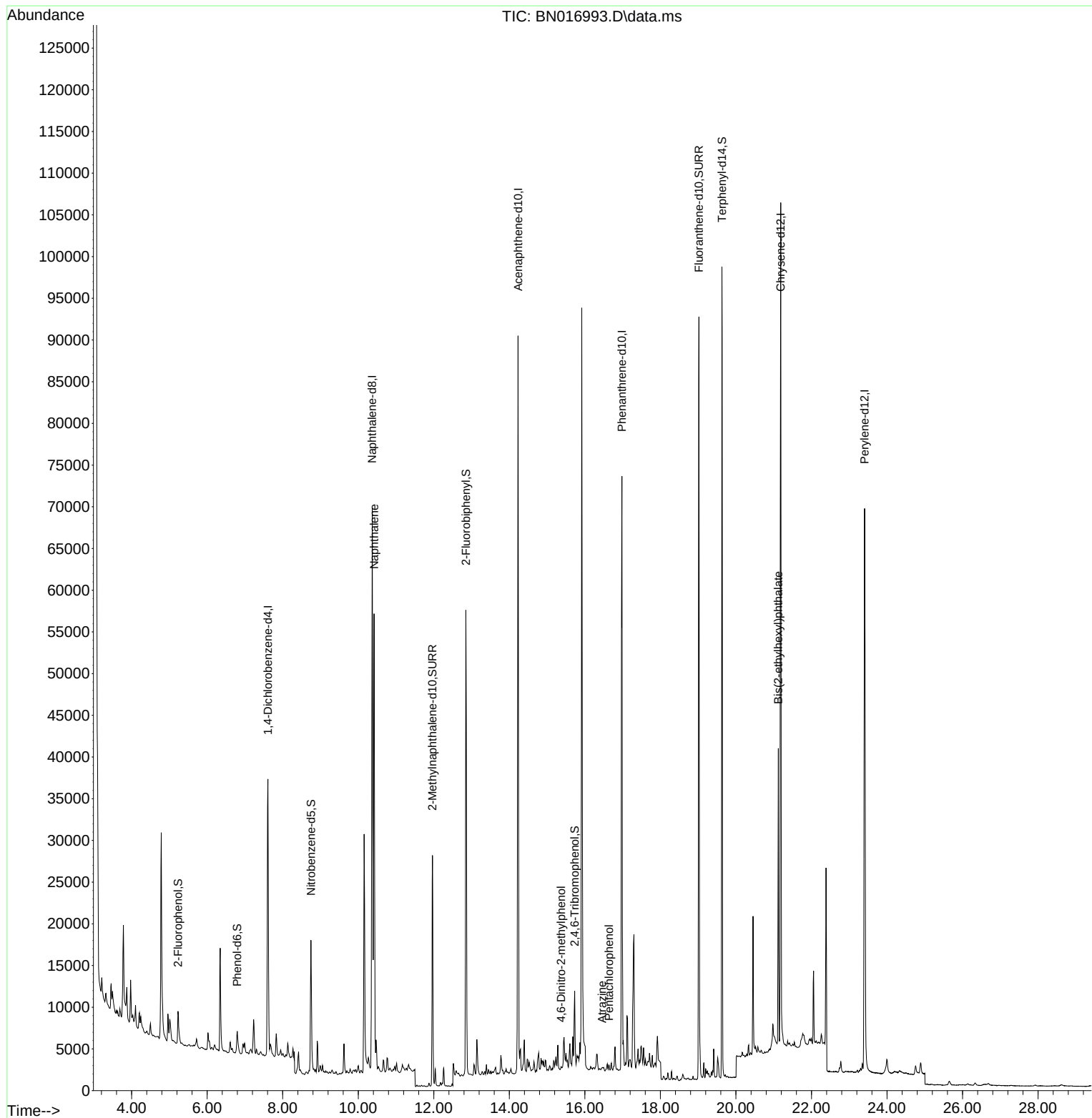
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	19305	0.400	ng	0.00
7) Naphthalene-d8	10.370	136	88907	0.400	ng	0.00
13) Acenaphthene-d10	14.232	164	49051	0.400	ng	0.00
19) Phenanthrene-d10	16.982	188	96101	0.400	ng	0.00
29) Chrysene-d12	21.186	240	93253	0.400	ng	0.00
35) Perylene-d12	23.407	264	91926	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	4484	0.111	ng	0.02
5) Phenol-d6	6.795	99	2833	0.061	ng	0.00
8) Nitrobenzene-d5	8.748	82	14305	0.248	ng	0.00
11) 2-Methylnaphthalene-d10	11.964	152	37728	0.299	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	7453	0.415	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	51287	0.279	ng	0.00
27) Fluoranthene-d10	19.020	212	100347	0.417	ng	0.00
31) Terphenyl-d14	19.630	244	94834	0.460	ng	0.00
Target Compounds						
9) Naphthalene	10.421	128	68975	0.298	ng	100
20) 4,6-Dinitro-2-methylph...	15.374	198	47	0.181	ng	# 1
23) Atrazine	16.459	200	186	0.123	ng	# 43
24) Pentachlorophenol	16.642	266	497	0.255	ng	92
34) Bis(2-ethylhexyl)phtha...	21.123	149	28668	0.368	ng	99

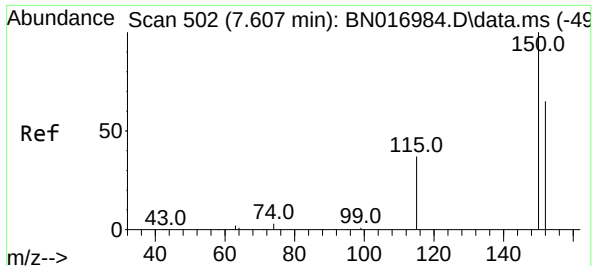
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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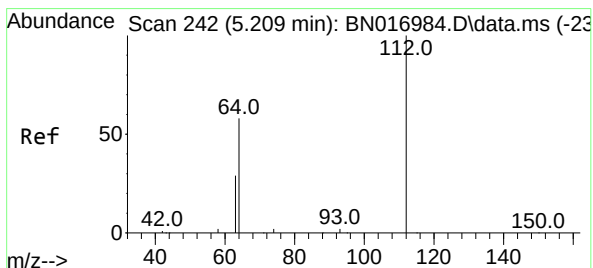
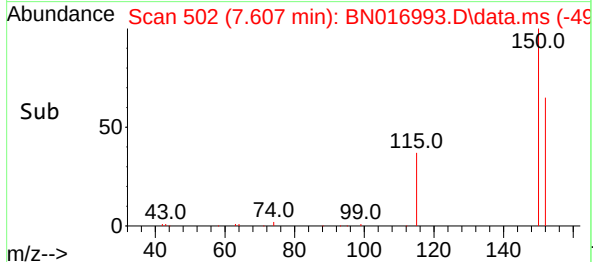
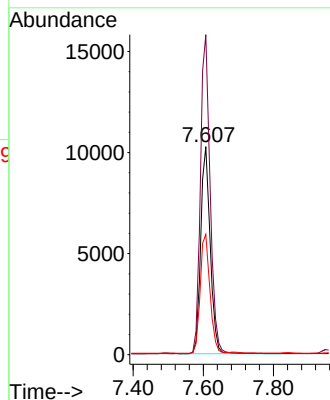
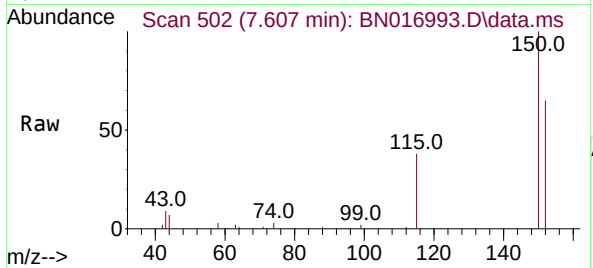




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.607 min Scan# 502
 Delta R.T. -0.000 min
 Lab File: BN016993.D
 Acq: 18 Oct 2021 18:27

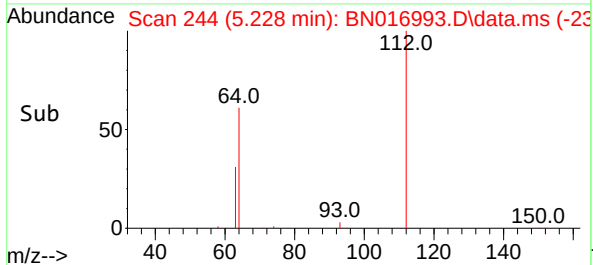
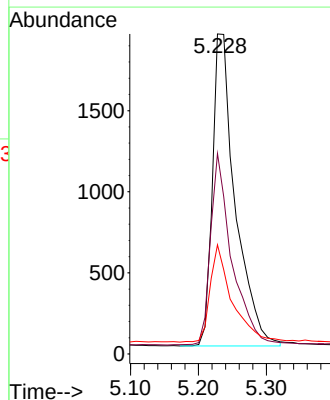
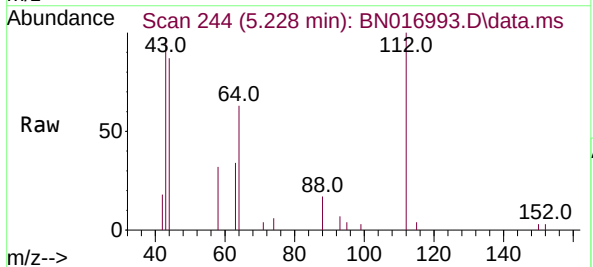
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

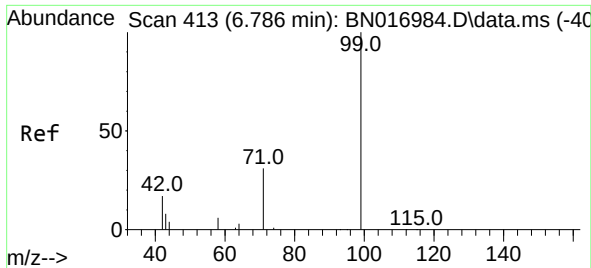
Tgt Ion:152 Resp: 19305
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.0 184.4
 115 57.8 46.3 69.5



#4
 2-Fluorophenol
 Concen: 0.111 ng
 RT: 5.228 min Scan# 244
 Delta R.T. 0.019 min
 Lab File: BN016993.D
 Acq: 18 Oct 2021 18:27

Tgt Ion:112 Resp: 4484
 Ion Ratio Lower Upper
 112 100
 64 57.4 45.5 68.3
 63 29.9 23.0 34.6

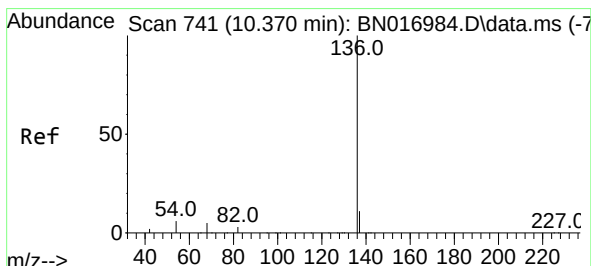
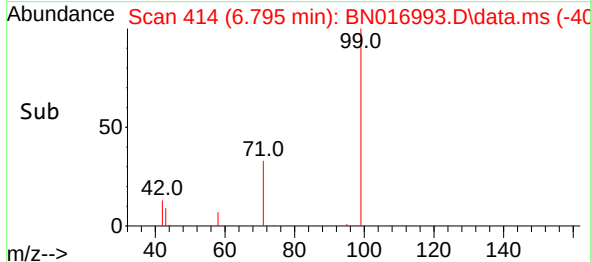
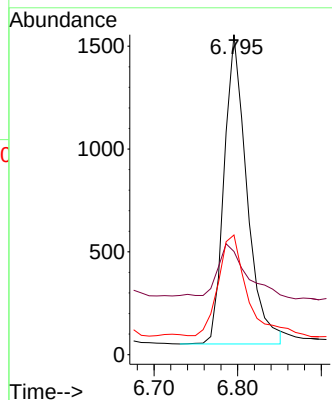
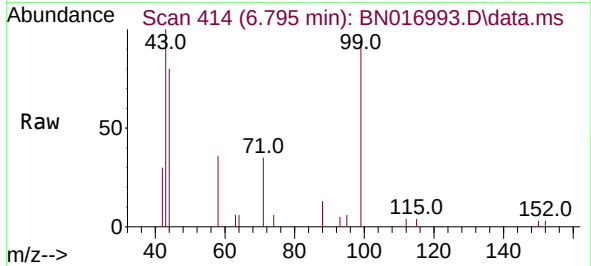




#5
Phenol-d6
Concen: 0.061 ng
RT: 6.795 min Scan# 414
Delta R.T. 0.010 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

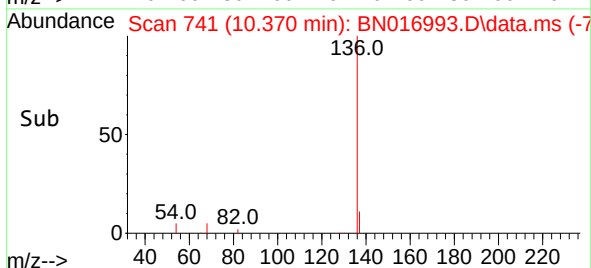
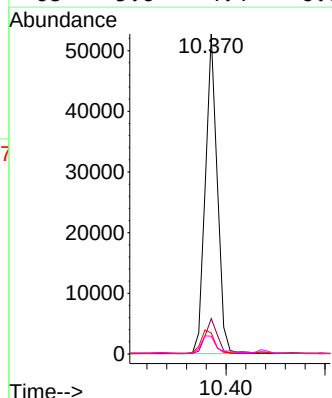
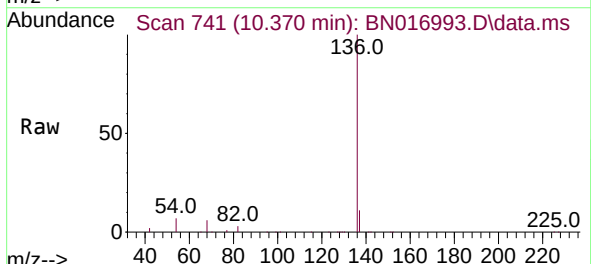
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

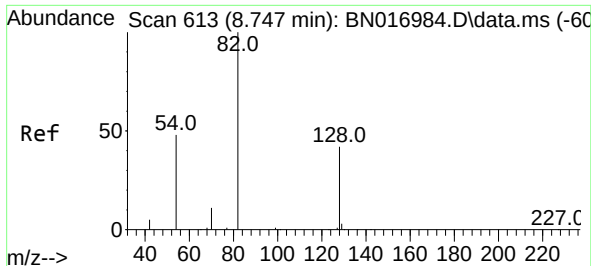
Tgt Ion: 99	Resp: 2833
Ion Ratio	Lower Upper
99 100	
42 20.2	14.6 21.8
71 39.9	24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

Tgt Ion: 136	Resp: 88907
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 6.5	5.2 7.8
68 5.6	4.4 6.6

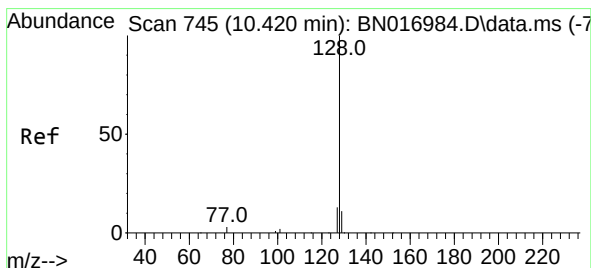
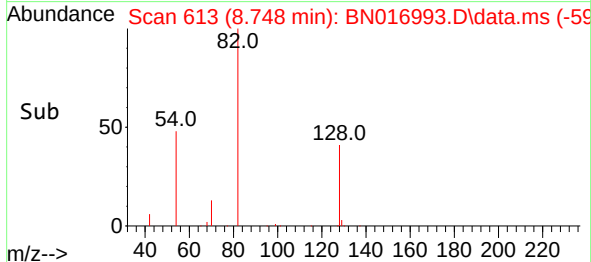
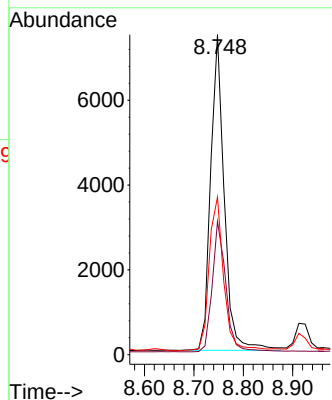
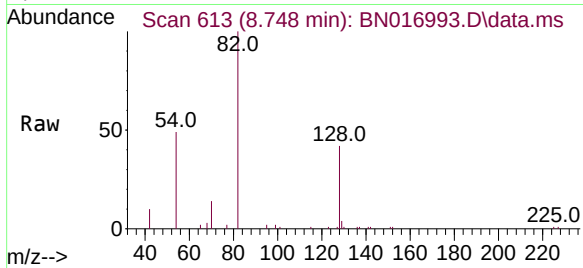




#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

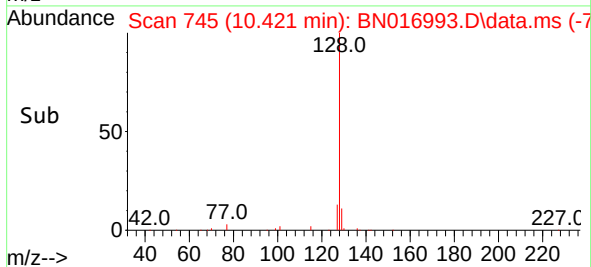
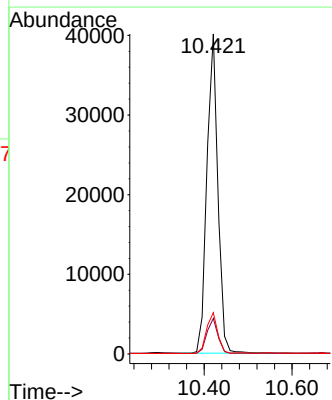
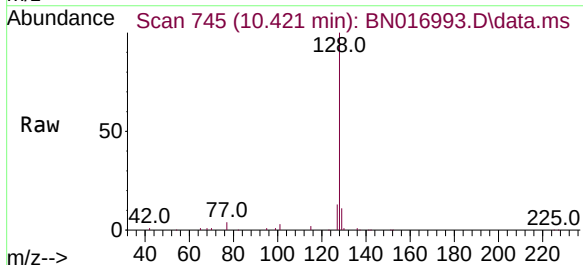
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

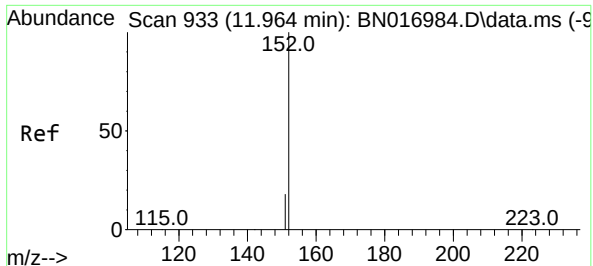
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.9	50.9
54	49.3	38.3	57.5



#9
Naphthalene
Concen: 0.298 ng
RT: 10.421 min Scan# 745
Delta R.T. 0.000 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.9	10.3	15.5

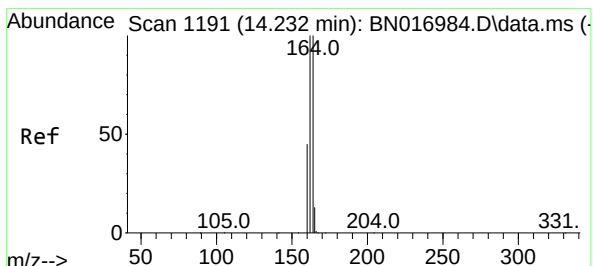
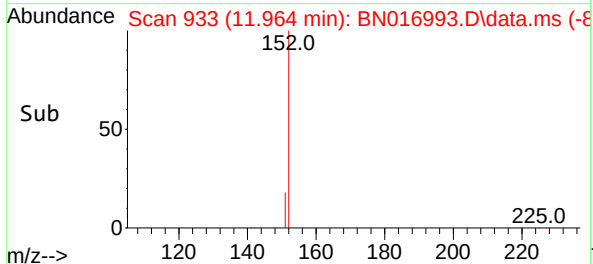
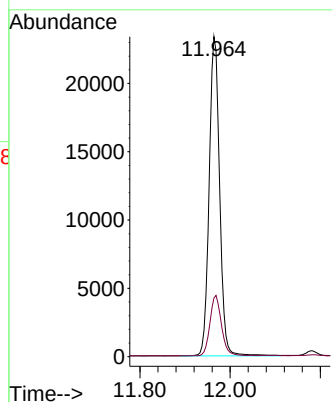
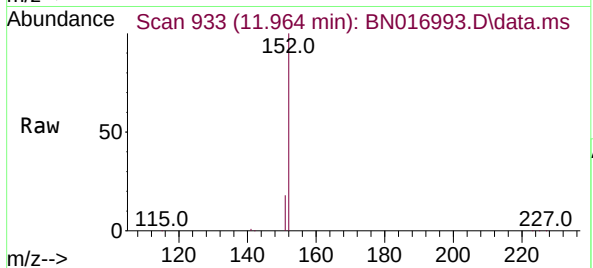




#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

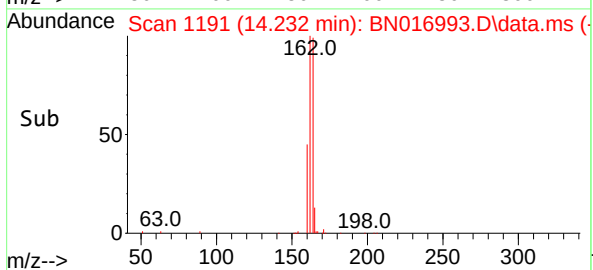
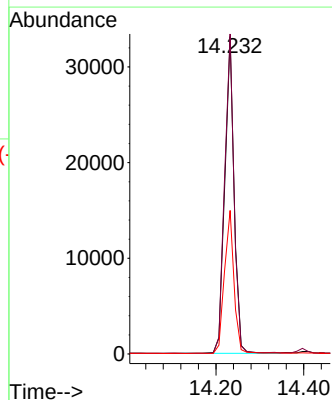
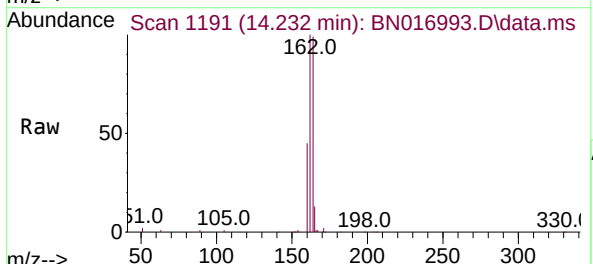
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

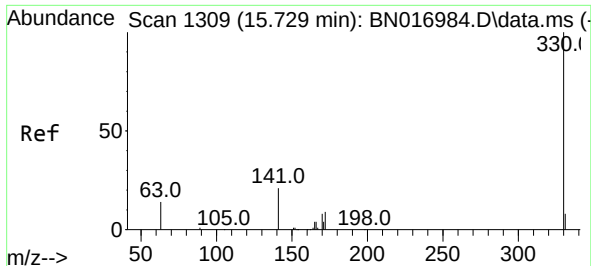
Tgt Ion:152 Resp: 37728
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.232 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

Tgt Ion:164 Resp: 49051
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 45.2 36.0 54.0

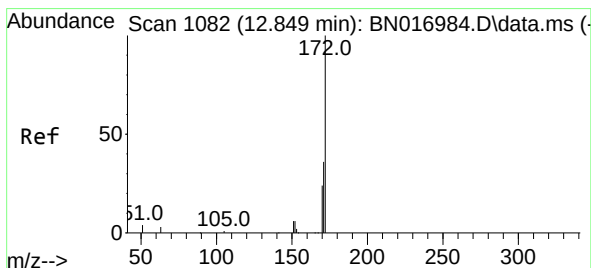
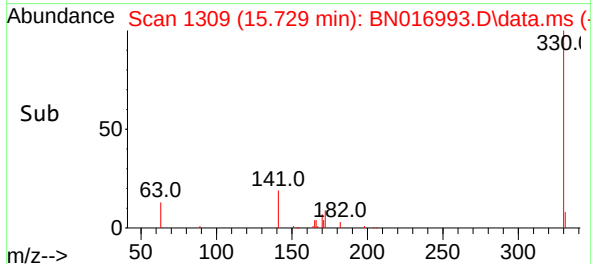
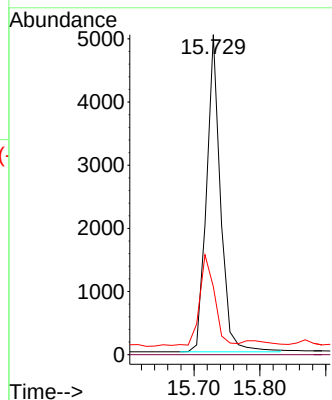
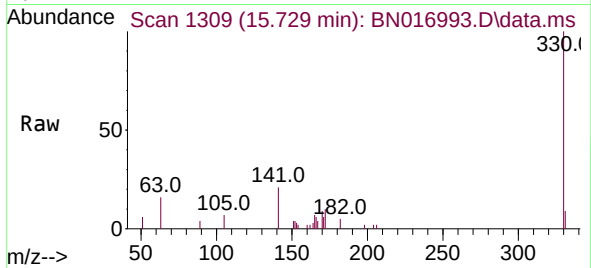




#14
 2,4,6-Tribromophenol
 Concen: 0.415 ng
 RT: 15.729 min Scan# 1309
 Delta R.T. 0.000 min
 Lab File: BN016993.D
 Acq: 18 Oct 2021 18:27

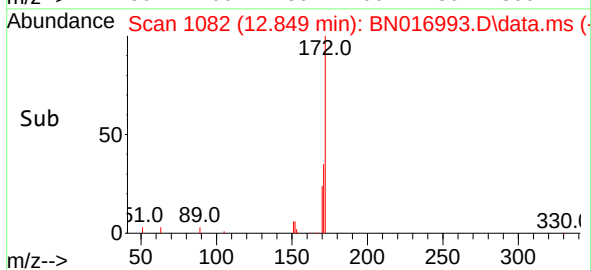
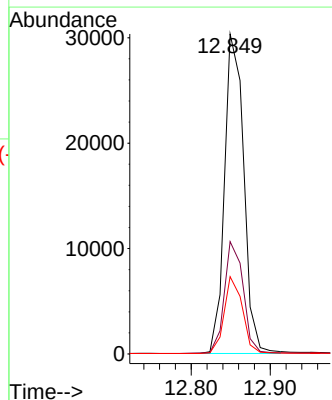
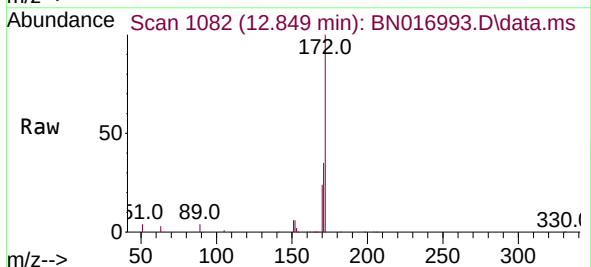
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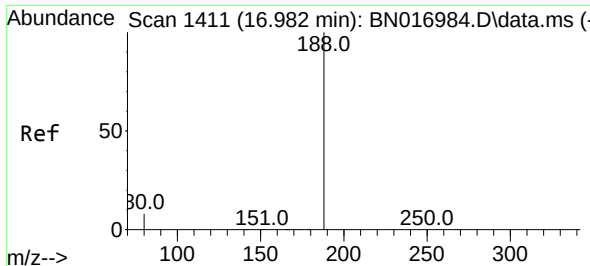
Tgt Ion:330 Resp: 7453
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 30.1 25.6 38.4



#15
 2-Fluorobiphenyl
 Concen: 0.279 ng
 RT: 12.849 min Scan# 1082
 Delta R.T. 0.000 min
 Lab File: BN016993.D
 Acq: 18 Oct 2021 18:27

Tgt Ion:172 Resp: 51287
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.7 43.1
 170 24.2 19.6 29.4

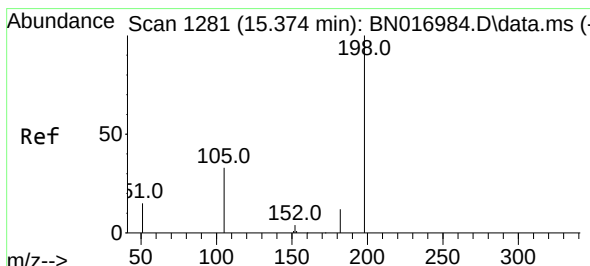
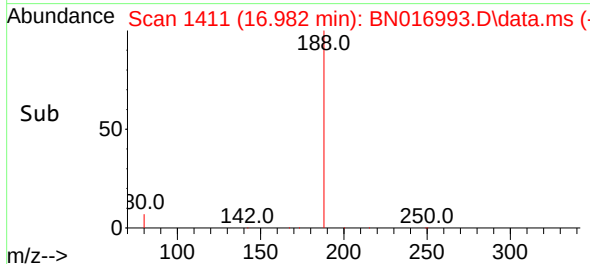
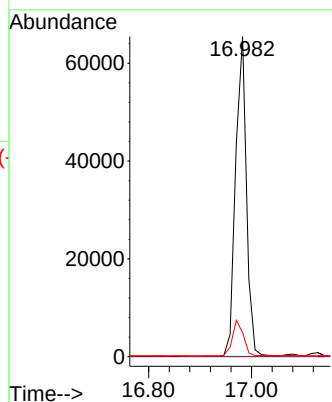
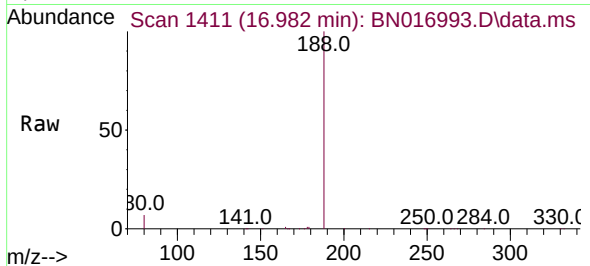




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.982 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

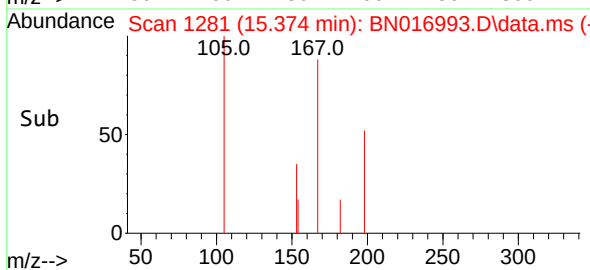
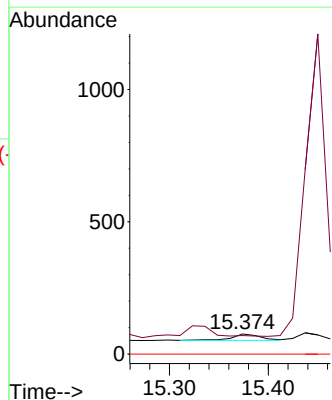
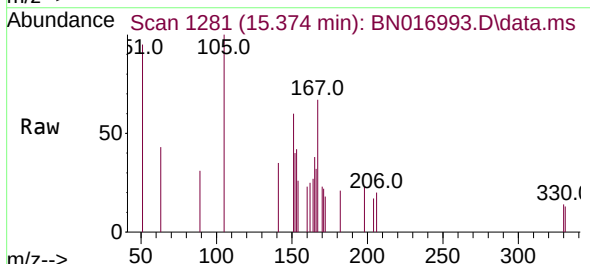
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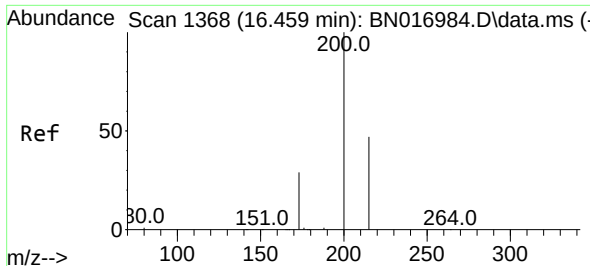
Tgt Ion:188	Resp:	96101
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	7.5	6.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.374 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

Tgt Ion:198	Resp:	47
Ion Ratio	Lower	Upper
198	100	
182	92.1	12.5
77	0.0	0.0

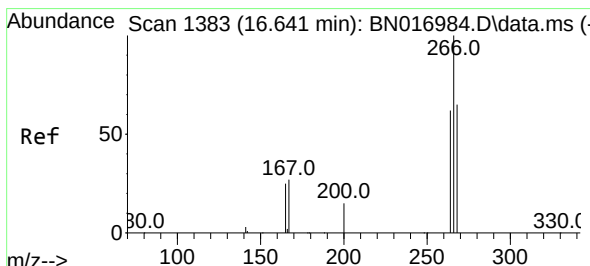
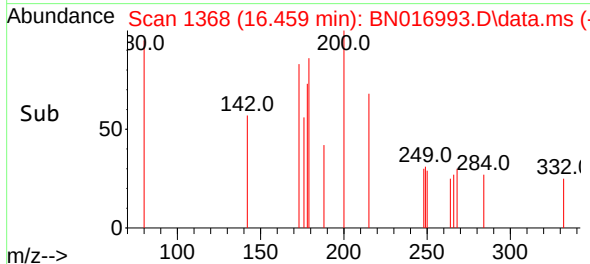
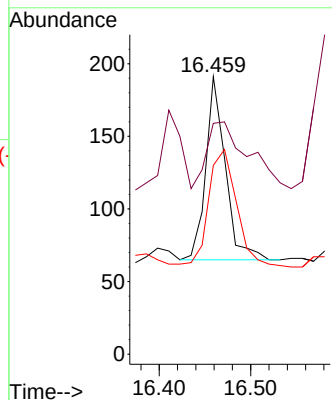
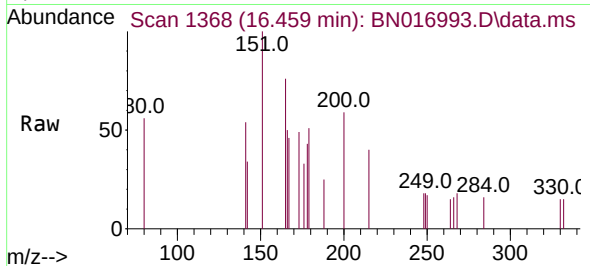




#23
Atrazine
Concen: 0.123 ng
RT: 16.459 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

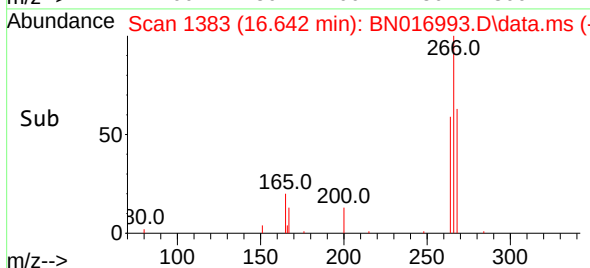
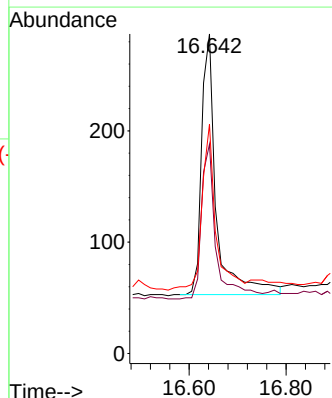
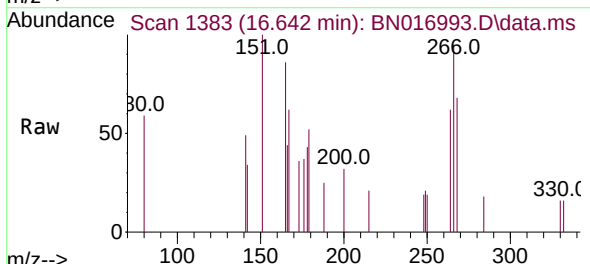
Instrument :
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SW-RR-03-(SA)

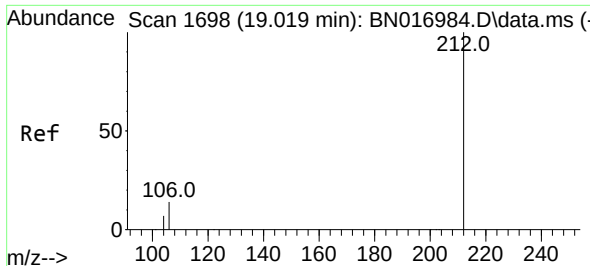
Tgt Ion:200 Resp: 186
Ion Ratio Lower Upper
200 100
173 83.2 23.5 35.3#
215 68.1 37.9 56.9#



#24
Pentachlorophenol
Concen: 0.255 ng
RT: 16.642 min Scan# 1383
Delta R.T. 0.001 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

Tgt Ion:266 Resp: 497
Ion Ratio Lower Upper
266 100
264 59.0 50.0 75.0
268 55.1 50.9 76.3

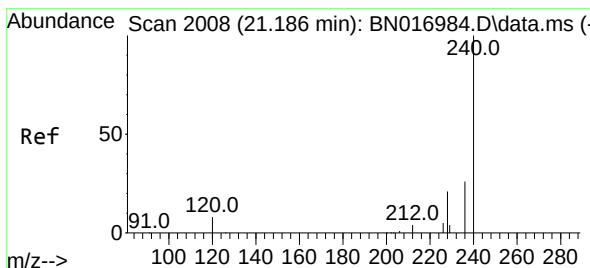
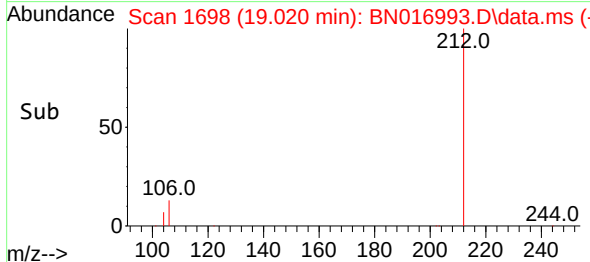
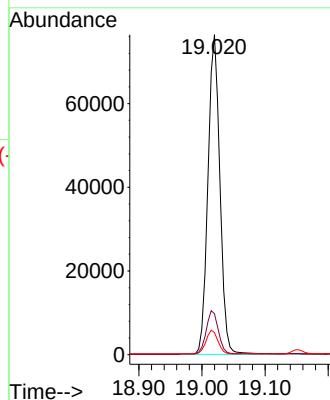
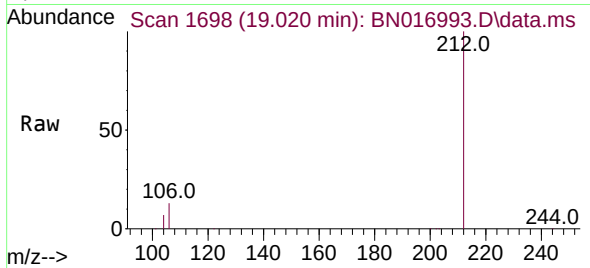




#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.020 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

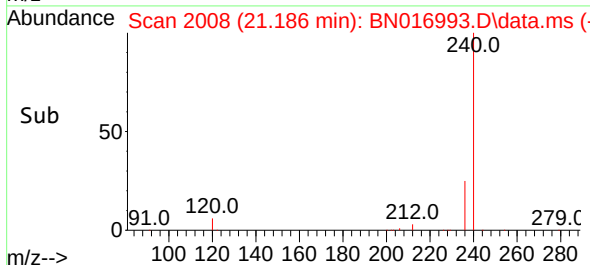
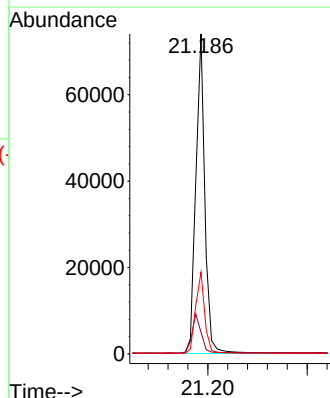
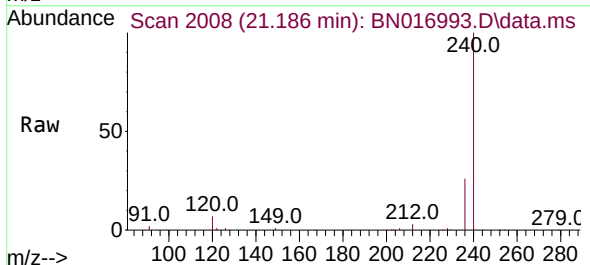
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

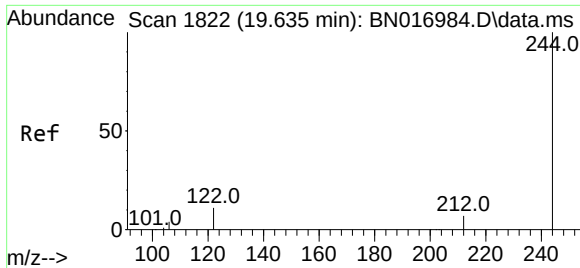
Tgt Ion:212 Resp: 100347
Ion Ratio Lower Upper
212 100
106 13.7 11.0 16.4
104 7.5 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.186 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN016993.D
Acq: 18 Oct 2021 18:27

Tgt Ion:240 Resp: 93253
Ion Ratio Lower Upper
240 100
120 6.8 6.4 9.6
236 25.6 20.6 31.0

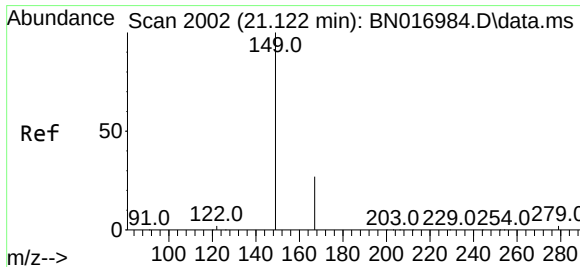
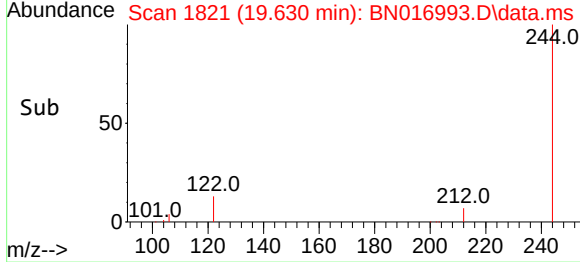
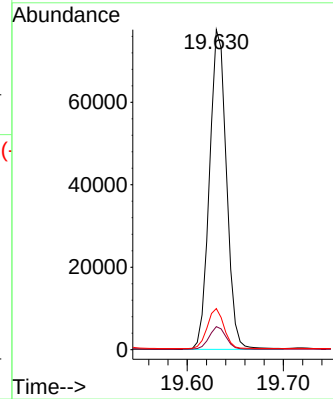
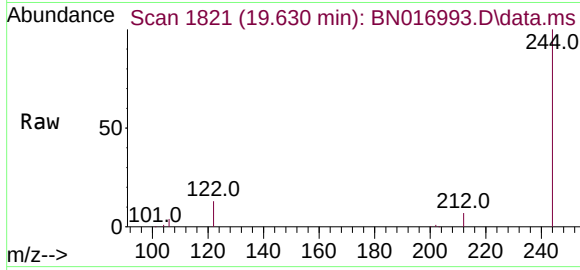




#31
 Terphenyl-d14
 Concen: 0.460 ng
 RT: 19.630 min Scan# 1821
 Delta R.T. -0.005 min
 Lab File: BN016993.D
 Acq: 18 Oct 2021 18:27

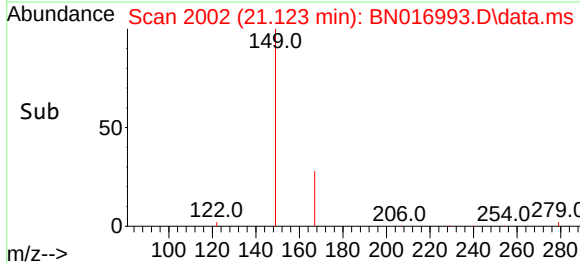
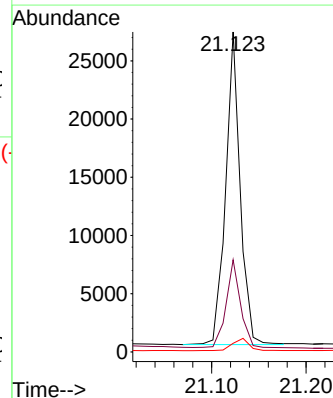
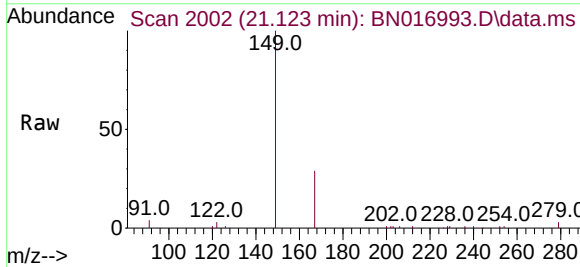
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

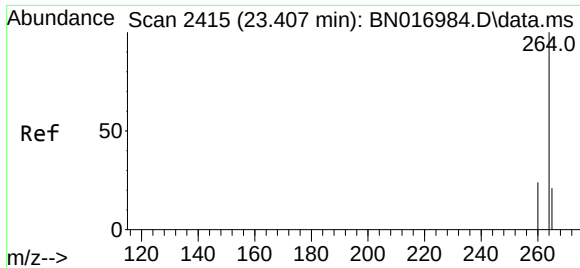
Tgt Ion:244	Resp:	94834
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.6 8.4
122	12.9	9.0 13.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.368 ng
 RT: 21.123 min Scan# 2002
 Delta R.T. 0.001 min
 Lab File: BN016993.D
 Acq: 18 Oct 2021 18:27

Tgt Ion:149	Resp:	28668
Ion Ratio	Lower	Upper
149	100	
167	27.7	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: BN016993.D
 Acq: 18 Oct 2021 18:27

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

Tgt Ion:264	Resp:	91926
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.7 29.5
265	22.8	18.3 27.5

