

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
 Data File : BN018299.D
 Acq On : 30 Dec 2021 16:46
 Operator : CG/JU
 Sample : M5221-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-122221

Quant Time: Dec 31 08:22:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

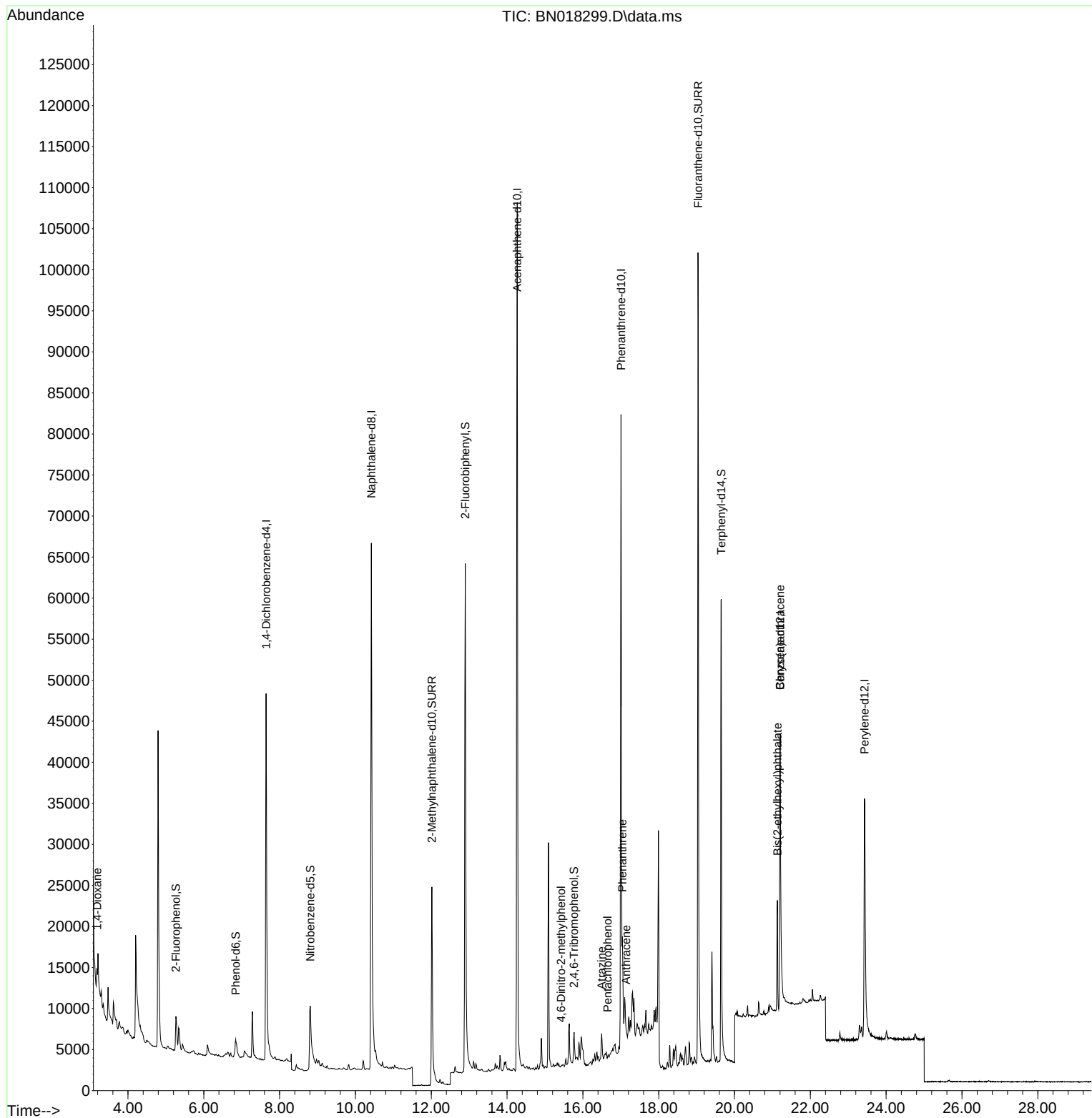
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	30019	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	111037	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	71599	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	120828	0.400	ng	0.00
29) Chrysene-d12	21.206	240	54278	0.400	ng	0.01
35) Perylene-d12	23.430	264	51198	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	5822	0.097	ng	0.02
5) Phenol-d6	6.840	99	2192	0.038	ng	0.00
8) Nitrobenzene-d5	8.810	82	14612	0.314	ng	0.03
11) 2-Methylnaphthalene-d10	12.016	152	45457	0.243	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	4292	0.417	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	67919	0.251	ng	0.00
27) Fluoranthene-d10	19.038	212	131190	0.341	ng	0.00
31) Terphenyl-d14	19.649	244	76132	0.552	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.189	88	720	0.042	ng	# 71
20) 4,6-Dinitro-2-methylph...	15.423	198	3	0.204	ng	# 1
23) Atrazine	16.494	200	105	0.137	ng	# 1
24) Pentachlorophenol	16.653	266	72	0.183	ng	# 35
25) Phenanthrene	17.042	178	12377	0.039	ng	# 93
26) Anthracene	17.139	178	536	0.045	ng	# 77
32) Benzo(a)anthracene	21.206	228	456	0.059	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.132	149	14235	0.210	ng	97

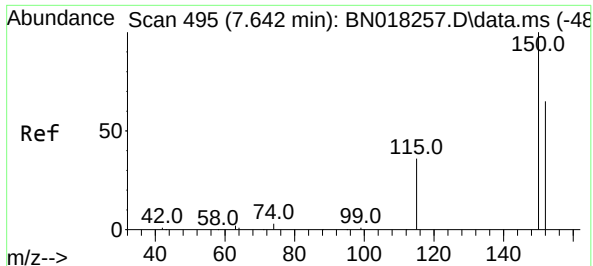
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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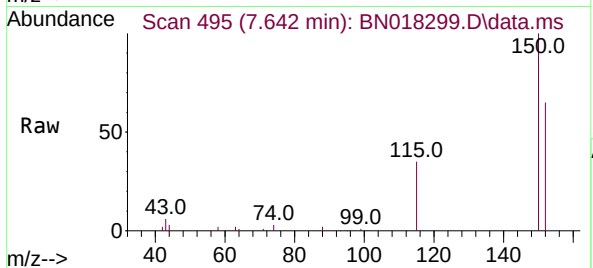
Quant Time: Dec 31 08:22:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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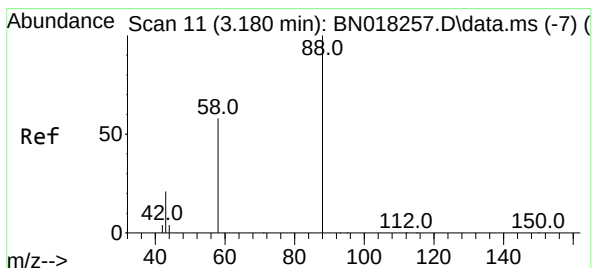
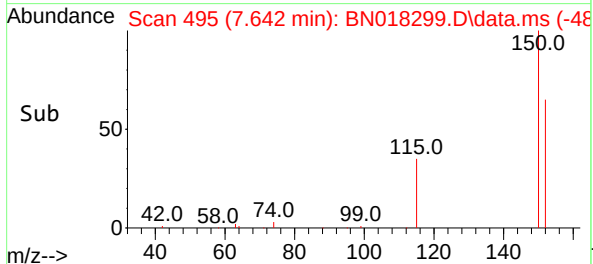
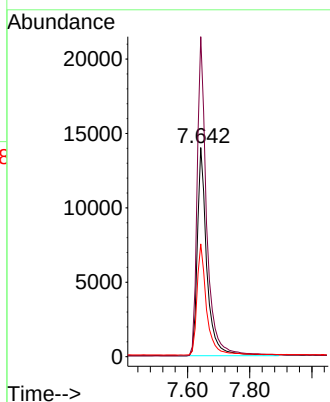


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BN018299.D
 Acq: 30 Dec 2021 16:46

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-122221

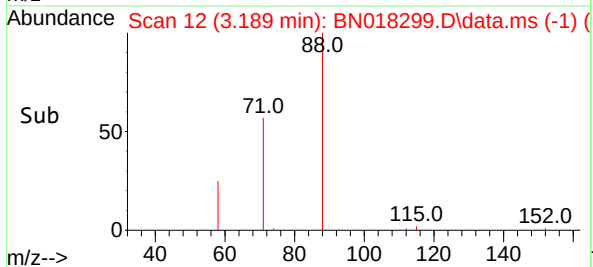
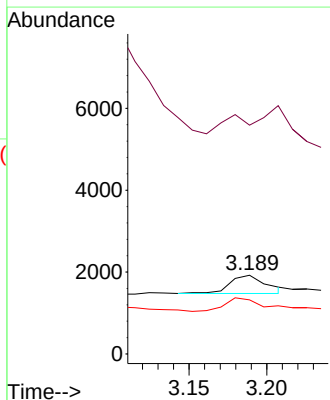
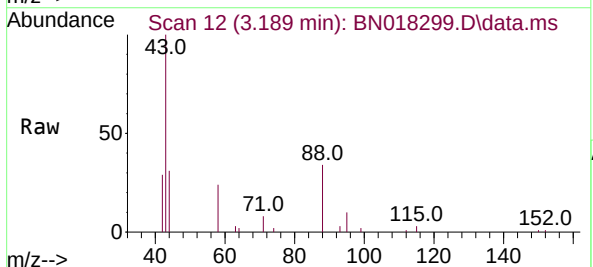


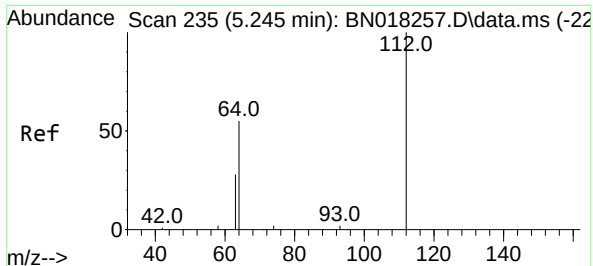
Tgt Ion:152 Resp: 30019
 Ion Ratio Lower Upper
 152 100
 150 153.0 121.7 182.5
 115 54.0 43.8 65.8



#2
 1,4-Dioxane
 Concen: 0.042 ng
 RT: 3.189 min Scan# 12
 Delta R.T. 0.009 min
 Lab File: BN018299.D
 Acq: 30 Dec 2021 16:46

Tgt Ion: 88 Resp: 720
 Ion Ratio Lower Upper
 88 100
 43 102.6 69.7 104.5
 58 64.9 83.8 125.8#

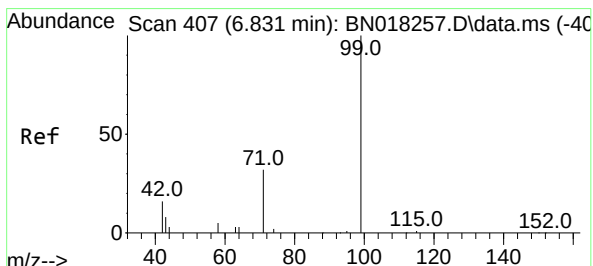
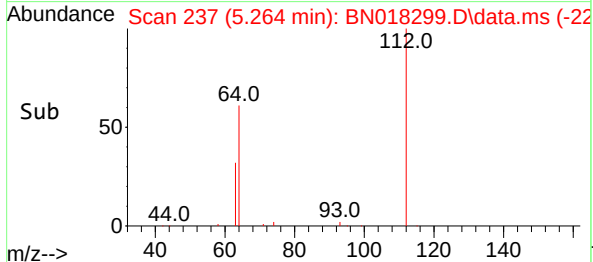
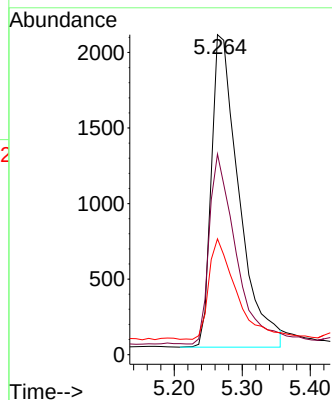
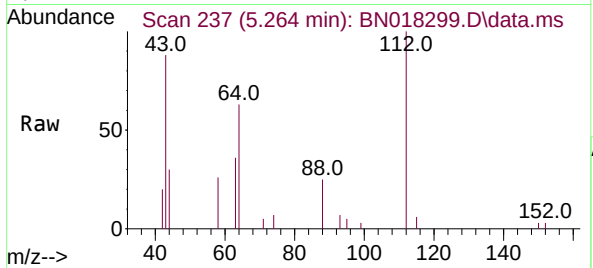




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.264 min Scan# 21
Delta R.T. 0.019 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

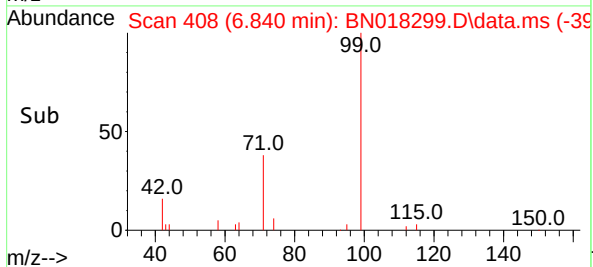
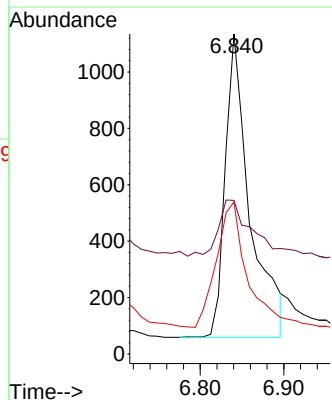
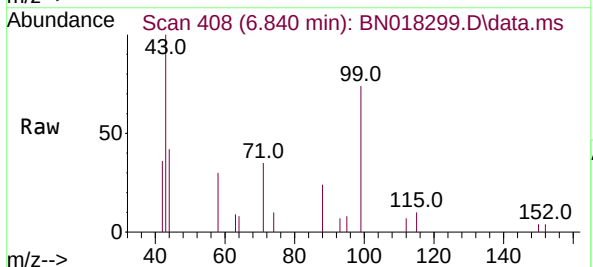
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BNA_N
ClientSampleId :
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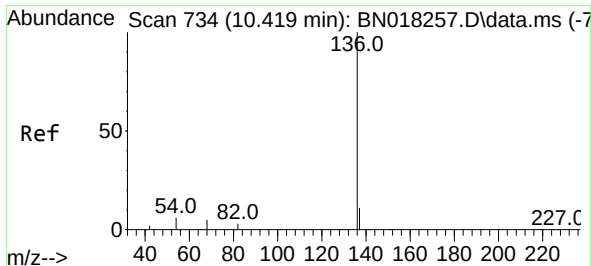
Tgt Ion:112 Resp: 5822
Ion Ratio Lower Upper
112 100
64 58.7 48.0 72.0
63 32.0 25.3 37.9



#5
Phenol-d6
Concen: 0.038 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

Tgt Ion: 99 Resp: 2192
Ion Ratio Lower Upper
99 100
42 23.3 16.3 24.5
71 50.3 26.8 40.2#

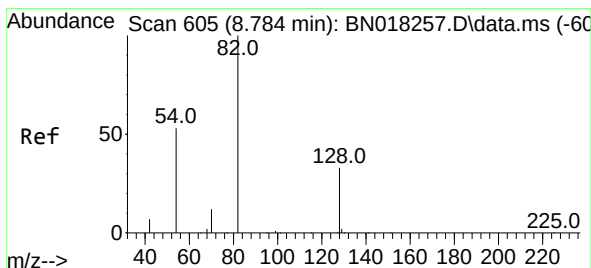
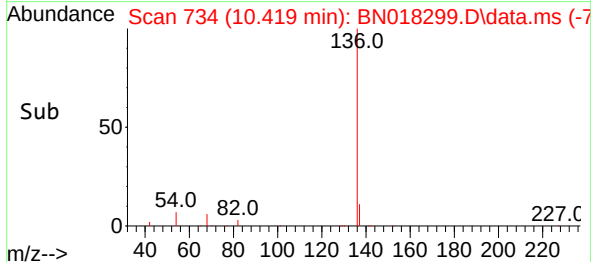
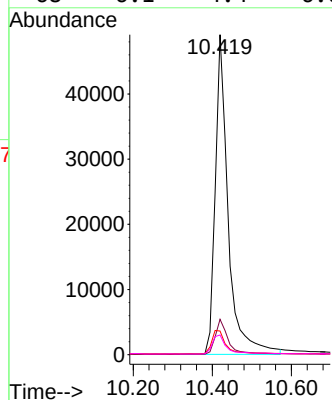
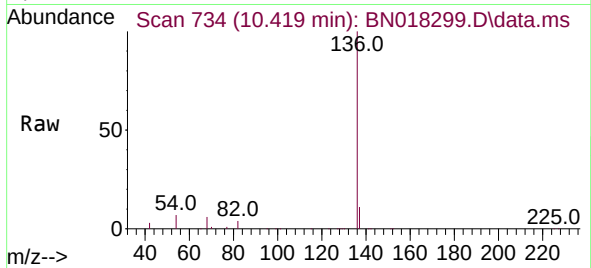




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

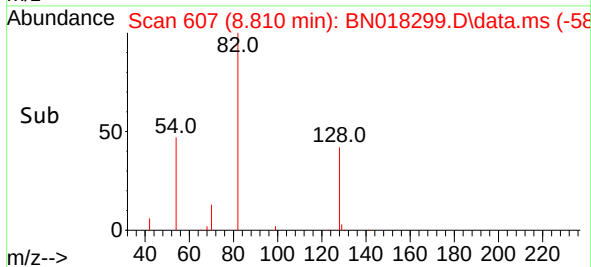
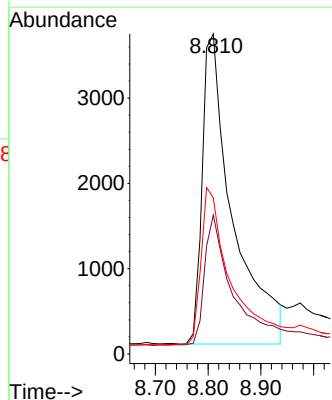
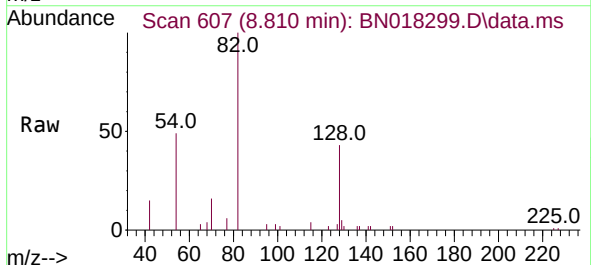
Instrument :
BNA_N
ClientSampleId :
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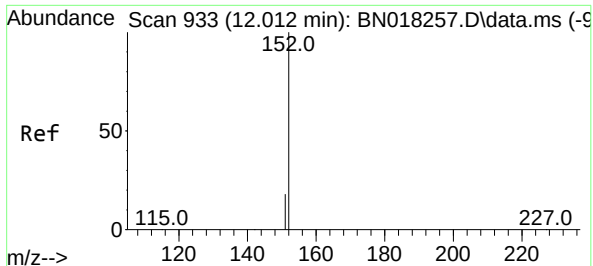
Tgt Ion:	136	Resp:	111037
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.4	5.0	7.6
68	6.1	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.026 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

Tgt Ion:	82	Resp:	14612
Ion Ratio	Lower	Upper	
82	100		
128	43.4	33.7	50.5
54	48.8	36.6	55.0

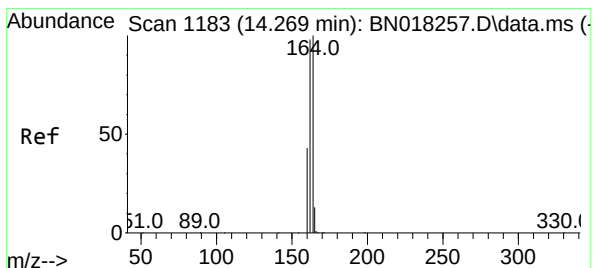
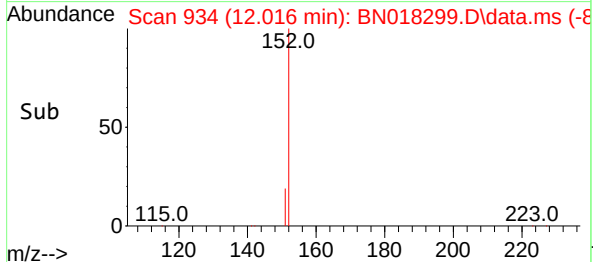
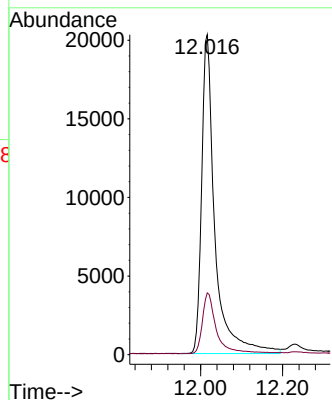
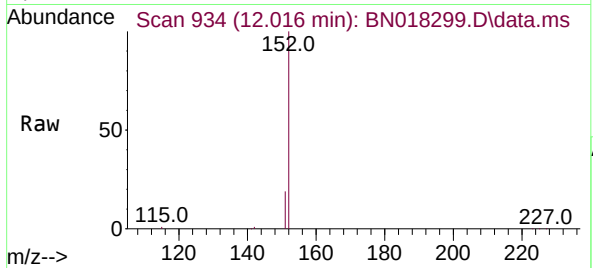




#11
2-Methylnaphthalene-d10
Concen: 0.243 ng
RT: 12.016 min Scan# 911
Delta R.T. 0.005 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

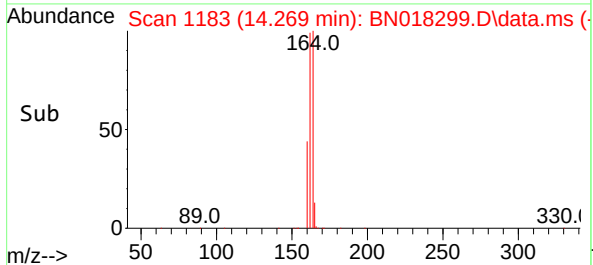
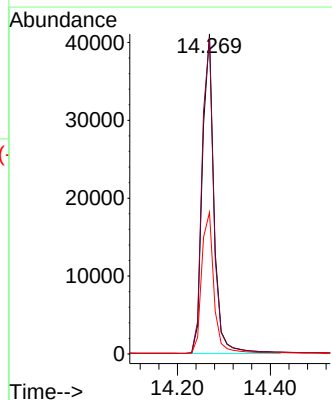
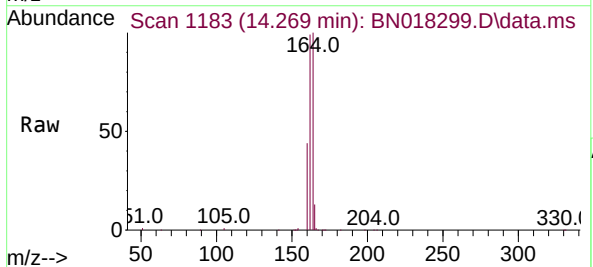
Instrument :
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ClientSampleId :
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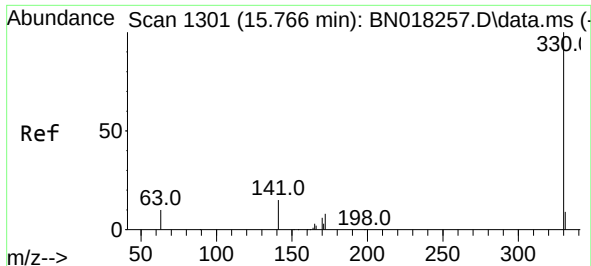
Tgt Ion:152 Resp: 45457
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

Tgt Ion:164 Resp: 71599
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.2
160 44.3 36.9 55.3

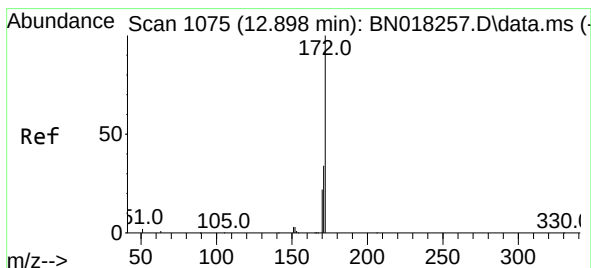
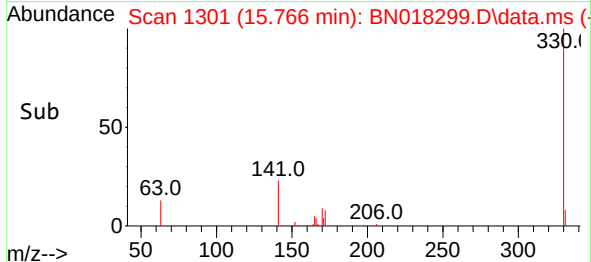
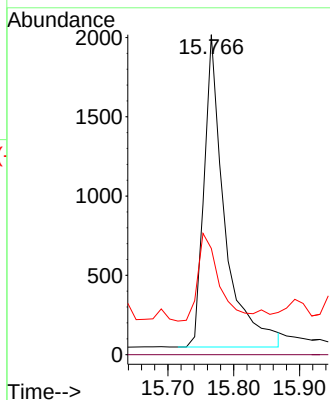
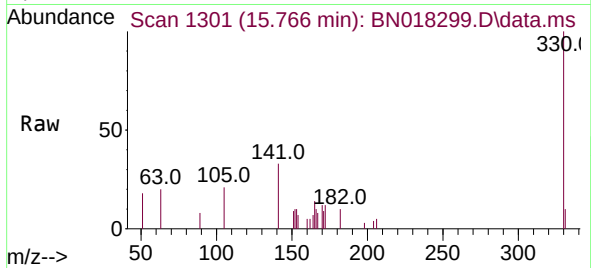




#14
2,4,6-Tribromophenol
Concen: 0.417 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

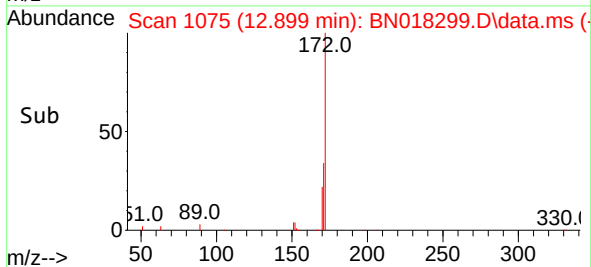
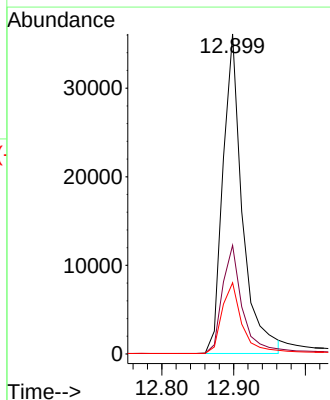
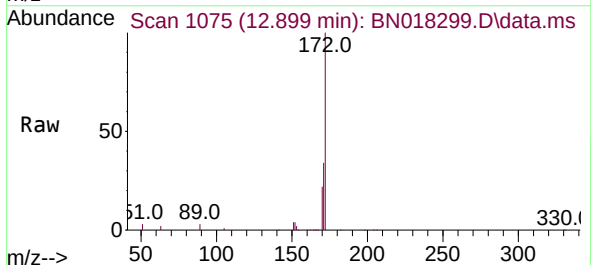
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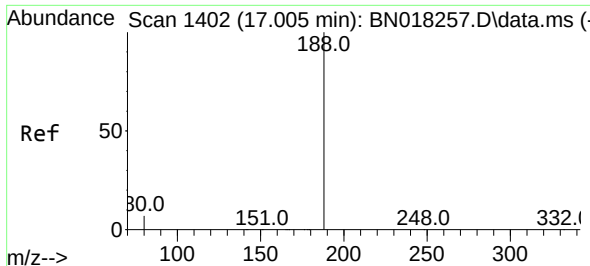
Tgt Ion: 330 Resp: 4292
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.3 21.3 31.9



#15
2-Fluorobiphenyl
Concen: 0.251 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

Tgt Ion: 172 Resp: 67919
Ion Ratio Lower Upper
172 100
171 34.0 27.4 41.0
170 22.2 18.4 27.6

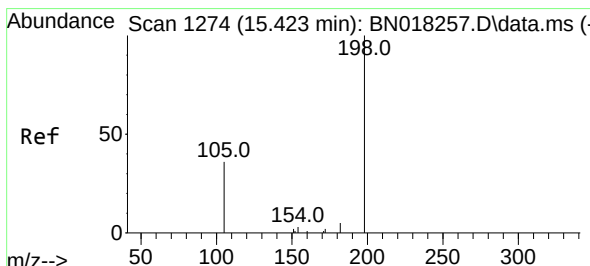
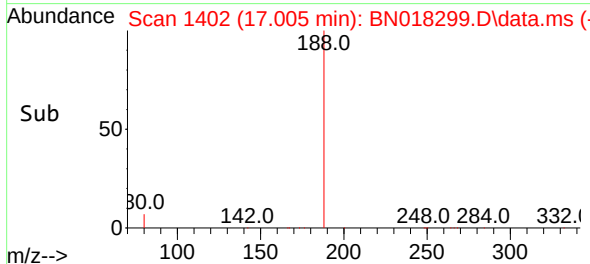
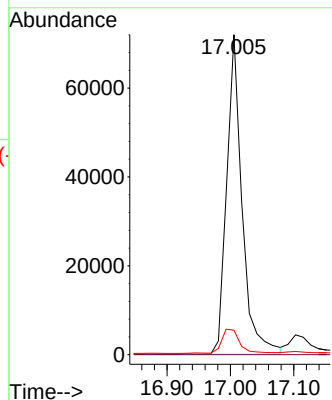
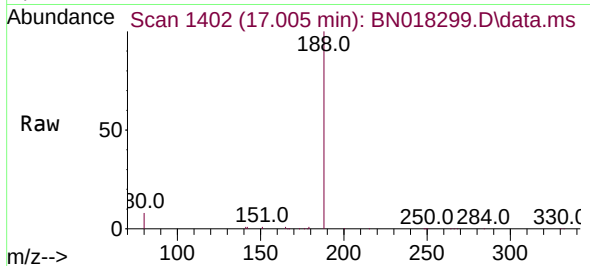




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

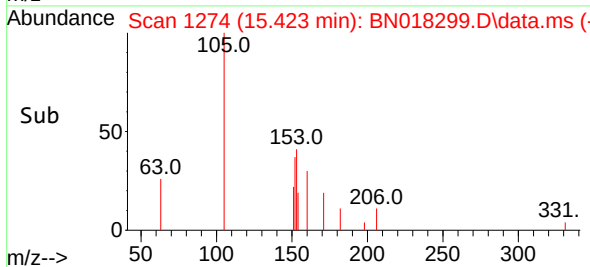
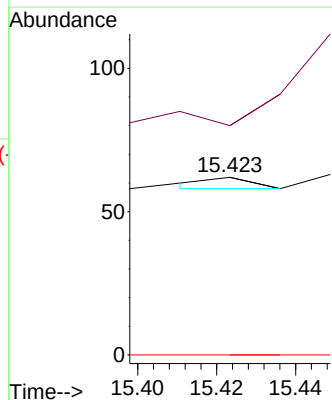
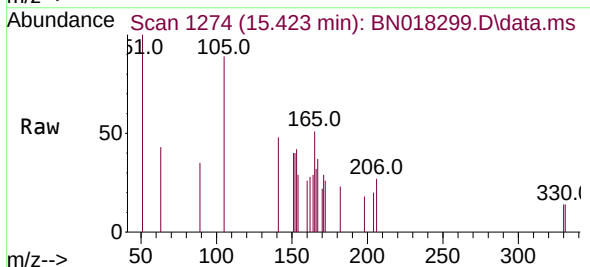
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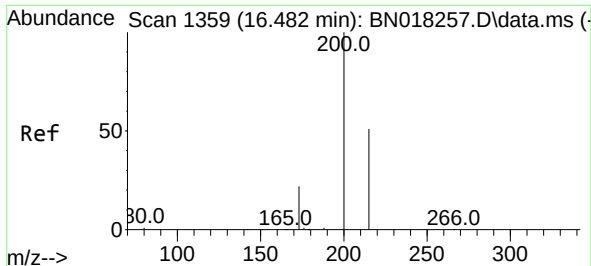
Tgt Ion:188 Resp: 120828
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.204 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 129.0 15.5 23.3#
77 0.0 0.0 0.0

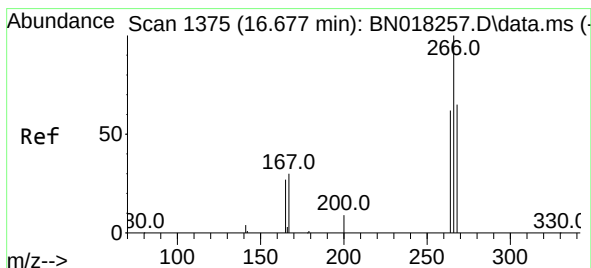
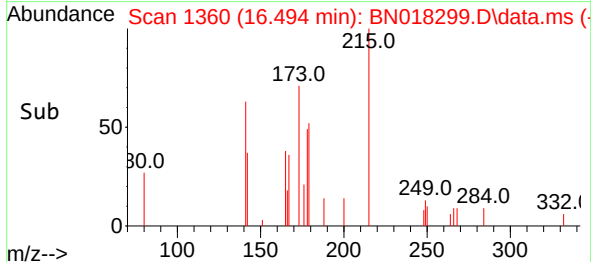
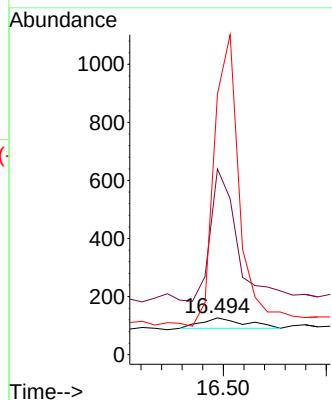
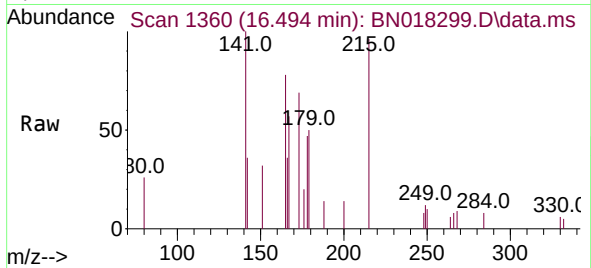




#23
 Atrazine
 Concen: 0.137 ng
 RT: 16.494 min Scan# 1360
 Delta R.T. 0.012 min
 Lab File: BN018299.D
 Acq: 30 Dec 2021 16:46

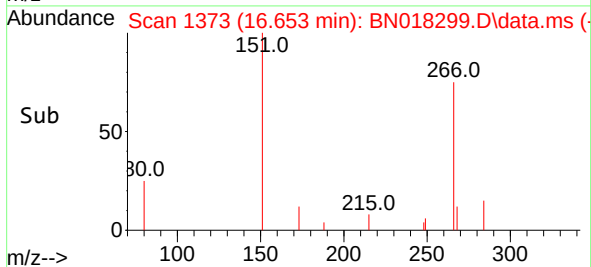
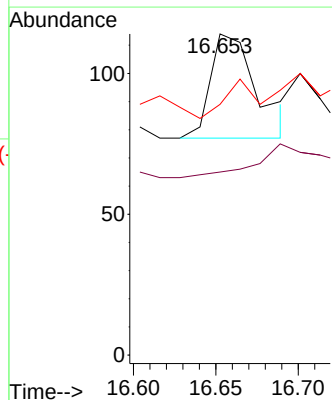
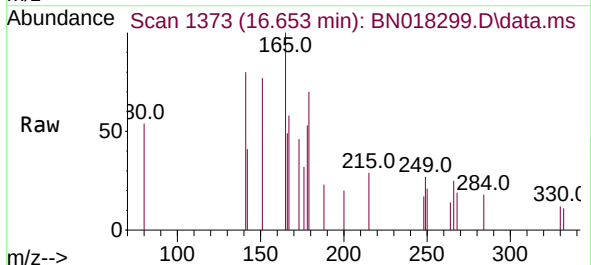
Instrument :
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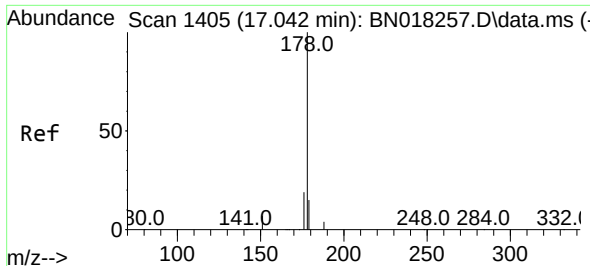
Tgt Ion:200 Resp: 105
 Ion Ratio Lower Upper
 200 100
 173 503.9 20.3 30.5#
 215 707.1 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.183 ng
 RT: 16.653 min Scan# 1373
 Delta R.T. -0.024 min
 Lab File: BN018299.D
 Acq: 30 Dec 2021 16:46

Tgt Ion:266 Resp: 72
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 25.0 50.6 76.0#

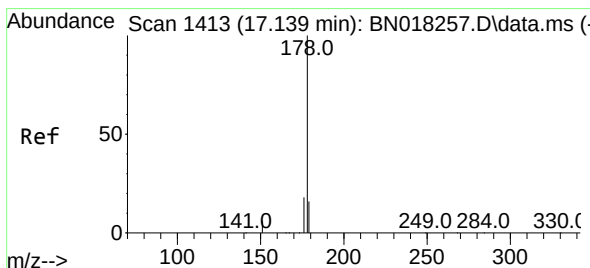
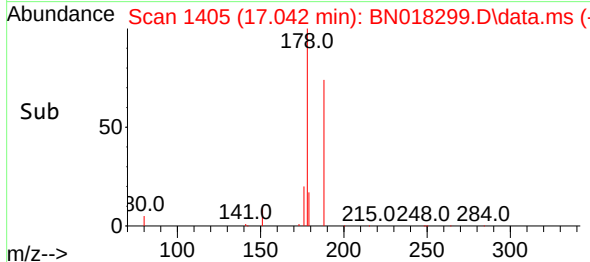
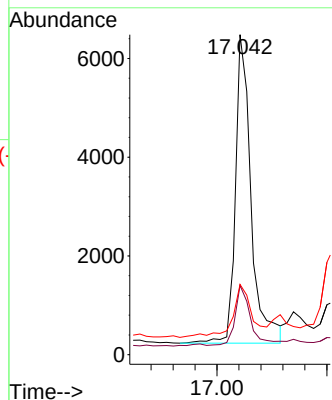
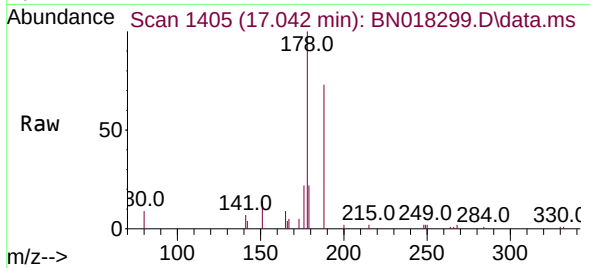




#25
Phenanthrene
Concen: 0.039 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

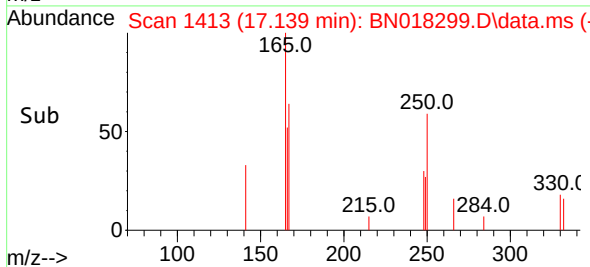
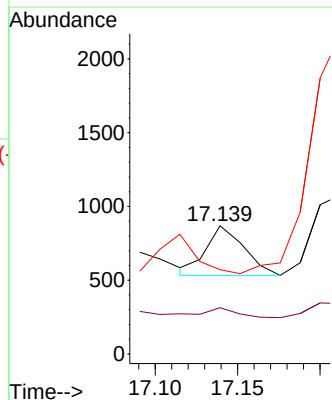
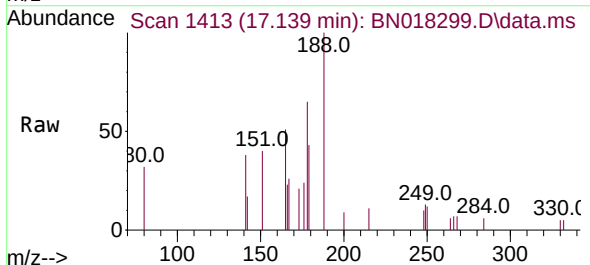
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221

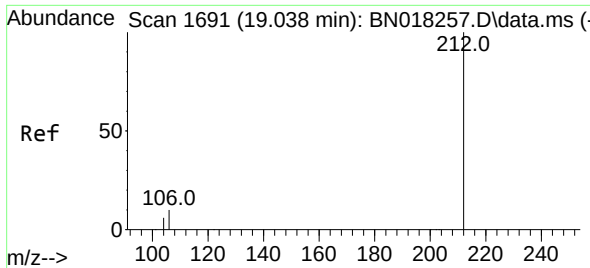
Tgt Ion:178 Resp: 12377
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 21.2 12.3 18.5#



#26
Anthracene
Concen: 0.045 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

Tgt Ion:178 Resp: 536
Ion Ratio Lower Upper
178 100
176 12.9 14.8 22.2#
179 0.0 12.2 18.4#

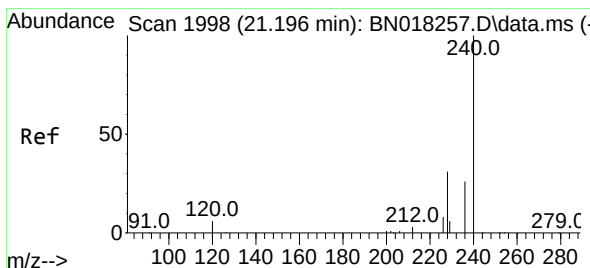
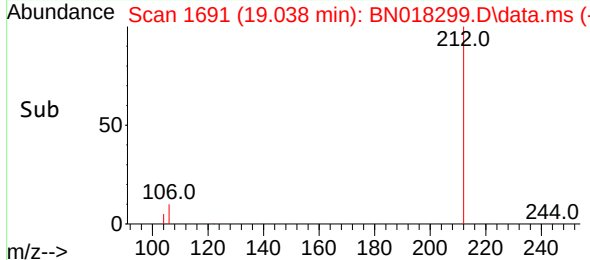
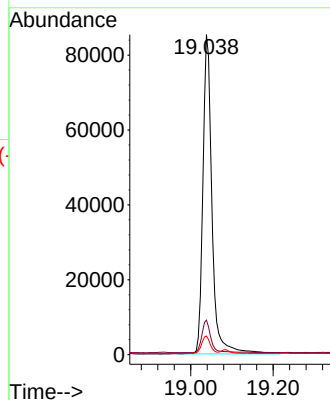
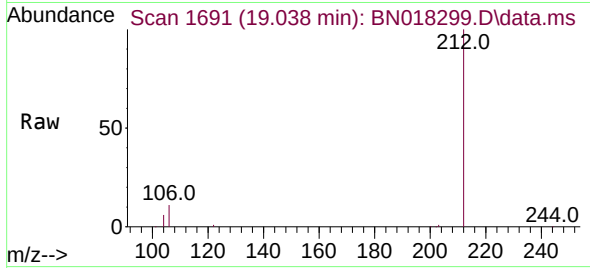




#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.038 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

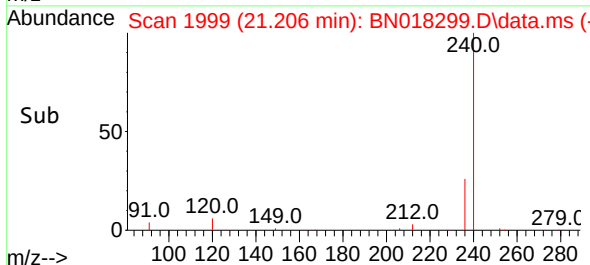
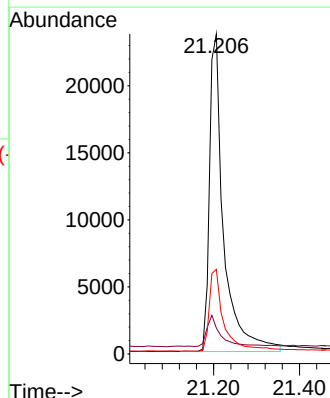
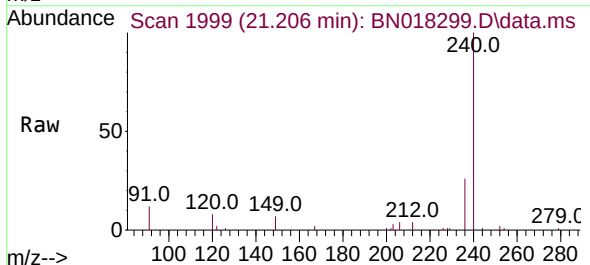
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221

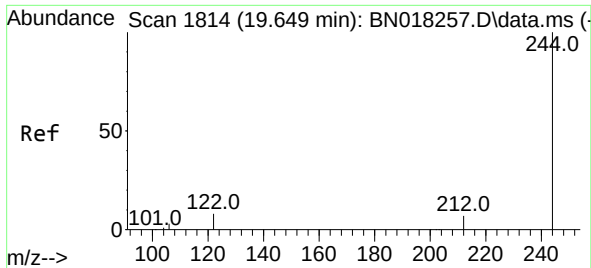
Tgt Ion:212 Resp: 131190
Ion Ratio Lower Upper
212 100
106 10.0 8.4 12.6
104 5.3 4.5 6.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.010 min
Lab File: BN018299.D
Acq: 30 Dec 2021 16:46

Tgt Ion:240 Resp: 54278
Ion Ratio Lower Upper
240 100
120 8.1 6.0 9.0
236 26.4 21.4 32.2

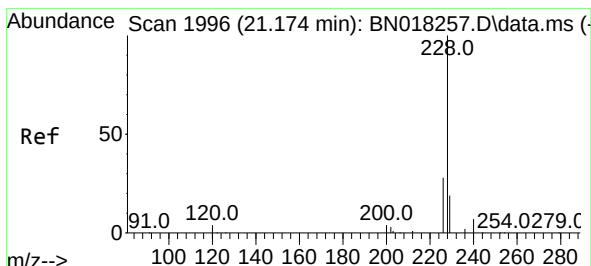
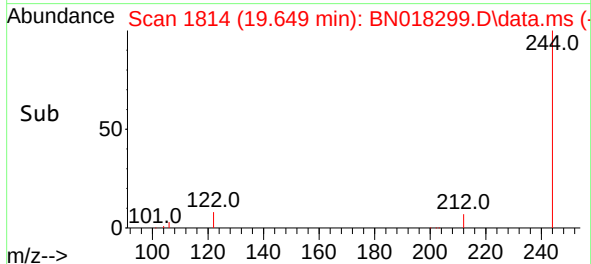
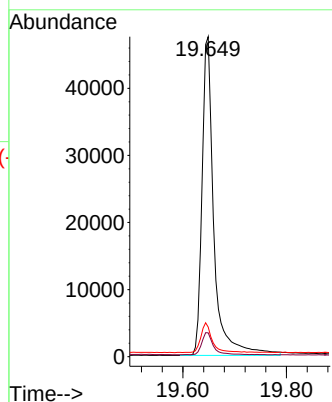
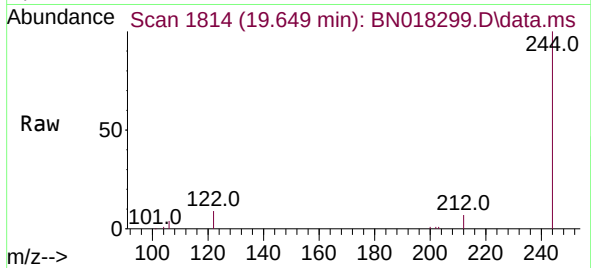




#31
 Terphenyl-d14
 Concen: 0.552 ng
 RT: 19.649 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BN018299.D
 Acq: 30 Dec 2021 16:46

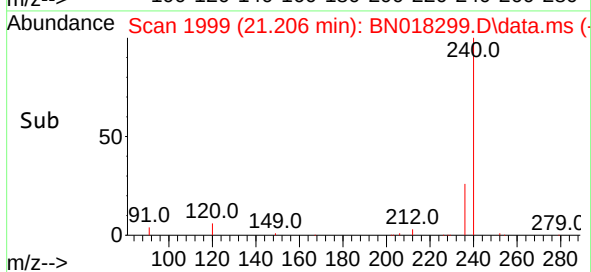
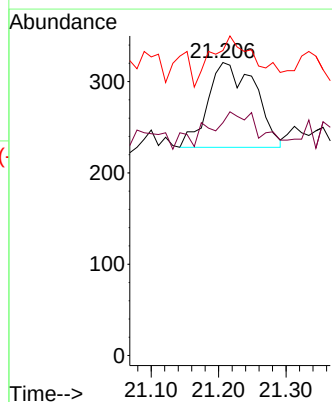
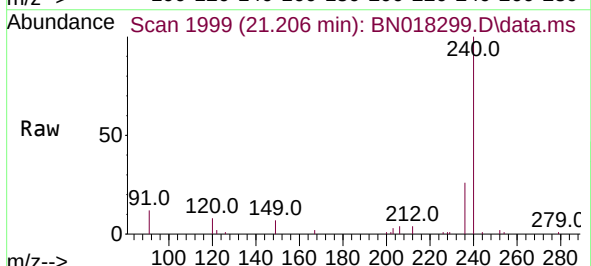
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-122221

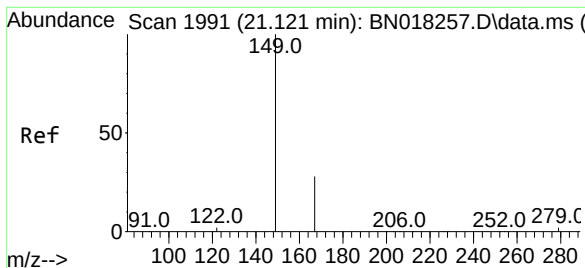
Tgt Ion:244 Resp: 76132
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.2 7.9 11.9



#32
 Benzo(a)anthracene
 Concen: 0.059 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. 0.032 min
 Lab File: BN018299.D
 Acq: 30 Dec 2021 16:46

Tgt Ion:228 Resp: 456
 Ion Ratio Lower Upper
 228 100
 226 79.4 21.3 31.9#
 229 104.0 15.9 23.9#

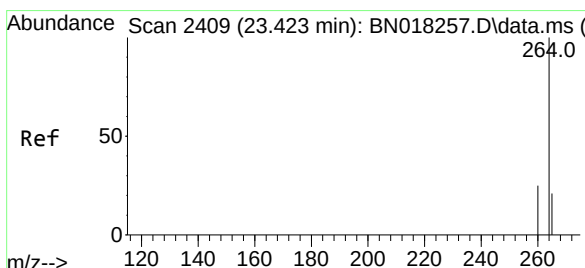
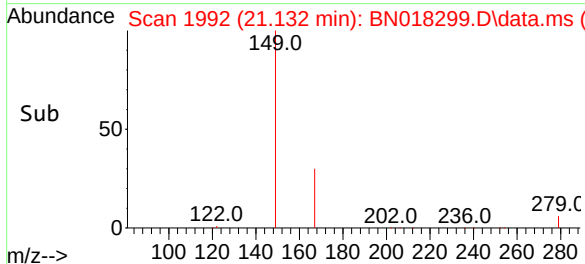
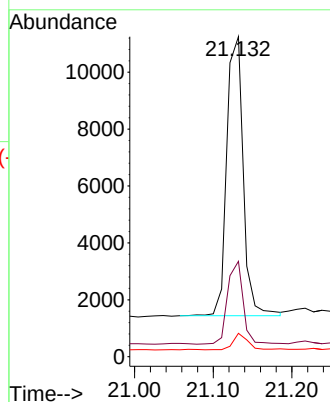
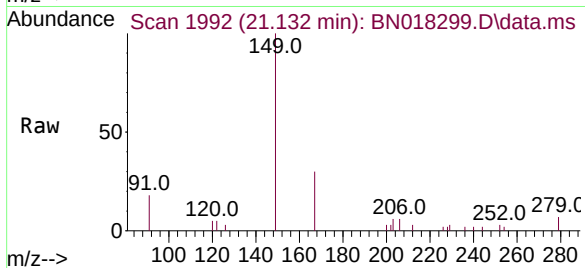




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.210 ng
 RT: 21.132 min Scan# 1992
 Delta R.T. 0.011 min
 Lab File: BN018299.D
 Acq: 30 Dec 2021 16:46

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-122221

Tgt Ion:149 Resp: 14235
 Ion Ratio Lower Upper
 149 100
 167 28.1 23.7 35.5
 279 5.3 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.430 min Scan# 2411
 Delta R.T. 0.007 min
 Lab File: BN018299.D
 Acq: 30 Dec 2021 16:46

Tgt Ion:264 Resp: 51198
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.4
 265 38.4 18.2 27.2#

