

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
 Data File : BN017969.D
 Acq On : 13 Dec 2021 13:18
 Operator : CG/JU
 Sample : M4922-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 14 03:40:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

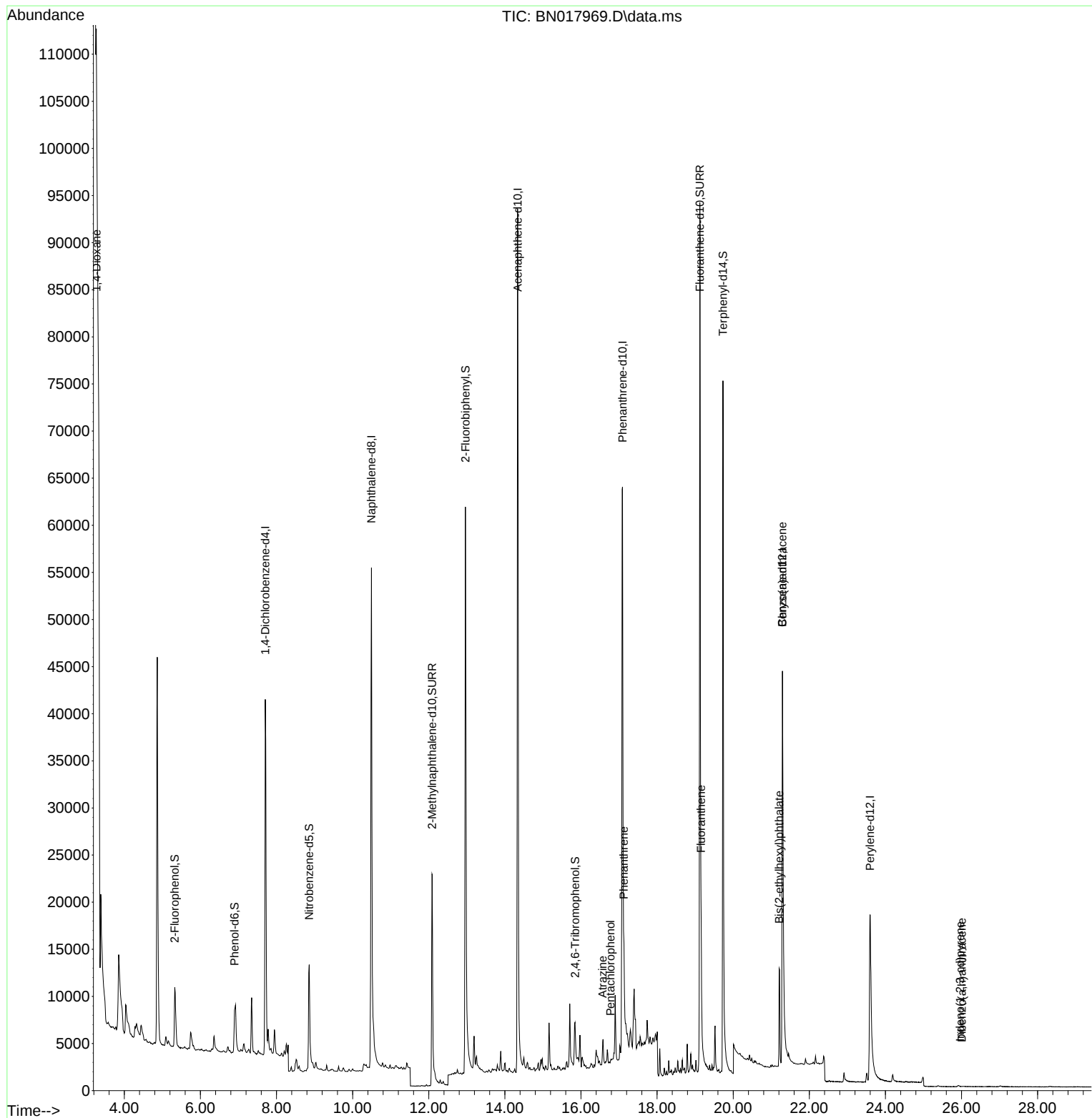
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.706	152	23563	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	91198	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	61900	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	125608	0.400	ng	0.00
29) Chrysene-d12	21.293	240	72561	0.400	ng	0.00
35) Perylene-d12	23.599	264	42193	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	8006	0.165	ng	0.00
5) Phenol-d6	6.894	99	4701	0.097	ng	0.00
8) Nitrobenzene-d5	8.859	82	14380	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	41412	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6468	0.524	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63496	0.292	ng	0.00
27) Fluoranthene-d10	19.124	212	137573	0.338	ng	0.00
31) Terphenyl-d14	19.730	244	104797	0.586	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	14707	2.057	ng	92
20) 4,6-Dinitro-2-methylph...	15.438	198	5	Below Cal	#	1
23) Atrazine	16.569	200	182	0.094	ng	# 1
24) Pentachlorophenol	16.776	266	40	0.104	ng	# 80
25) Phenanthrene	17.129	178	8668	0.027	ng	96
28) Fluoranthene	19.154	202	9584	0.024	ng	100
32) Benzo(a)anthracene	21.293	228	595	0.052	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.208	149	12204	0.157	ng	100
36) Indeno(1,2,3-cd)pyrene	25.961	276	4	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	26.009	278	2	0.101	ng	# 1

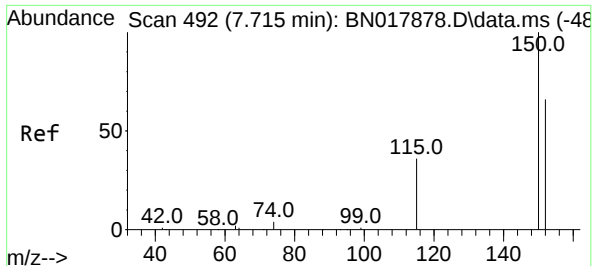
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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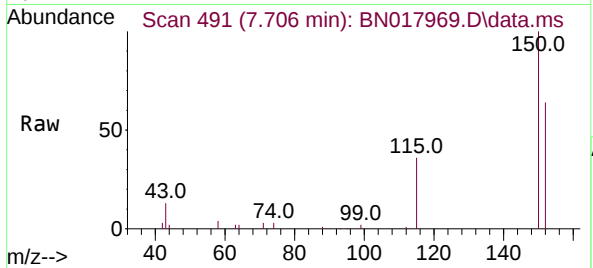
Quant Time: Dec 14 03:40:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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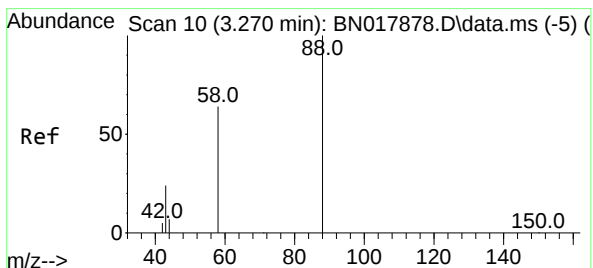
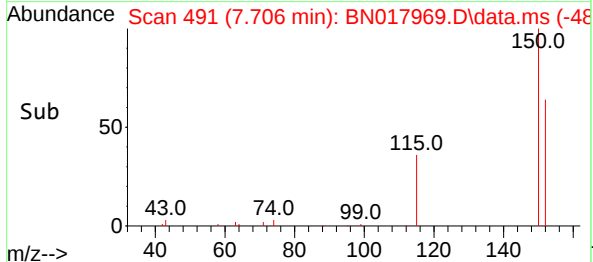
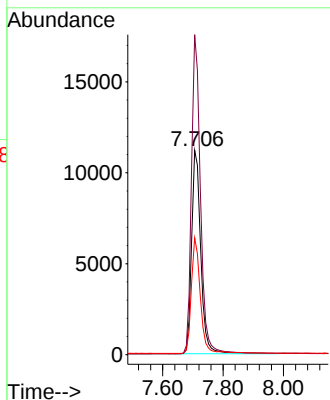


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.706 min Scan# 491
 Delta R.T. -0.009 min
 Lab File: BN017969.D
 Acq: 13 Dec 2021 13:18

Instrument :
 BNA_N
 ClientSampleId :

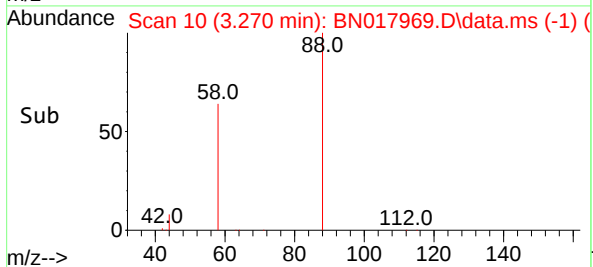
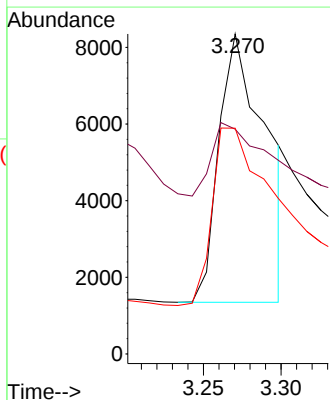
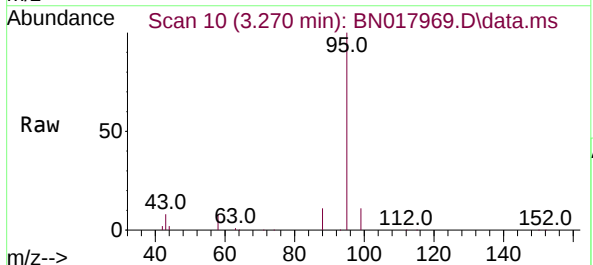


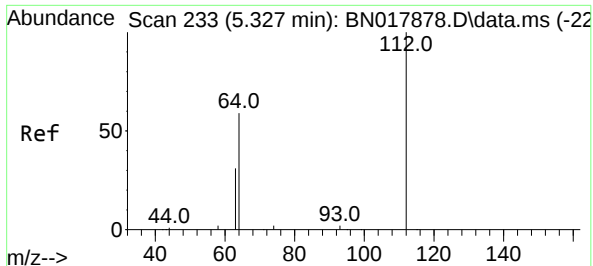
Tgt Ion:152 Resp: 23563
 Ion Ratio Lower Upper
 152 100
 150 156.6 121.9 182.9
 115 57.1 44.1 66.1



#2
 1,4-Dioxane
 Concen: 2.057 ng
 RT: 3.270 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017969.D
 Acq: 13 Dec 2021 13:18

Tgt Ion: 88 Resp: 14707
 Ion Ratio Lower Upper
 88 100
 43 29.0 28.0 42.0
 58 75.9 65.4 98.0

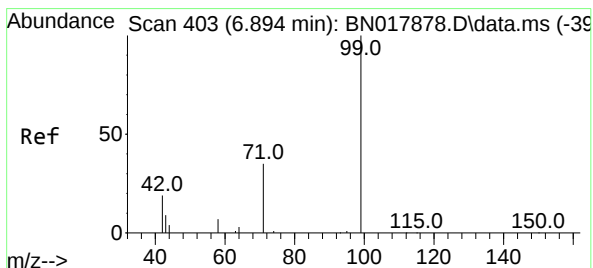
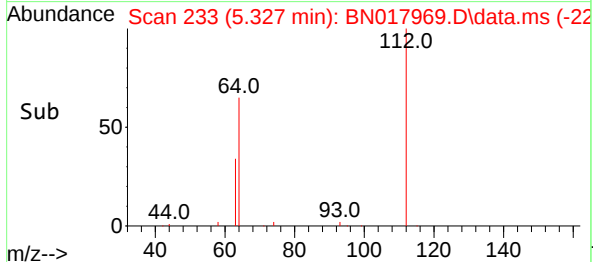
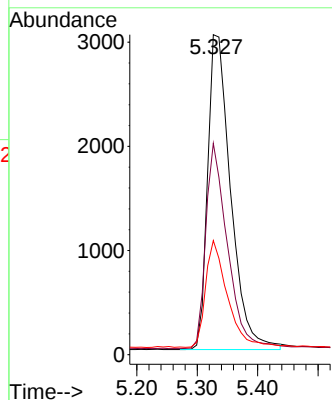
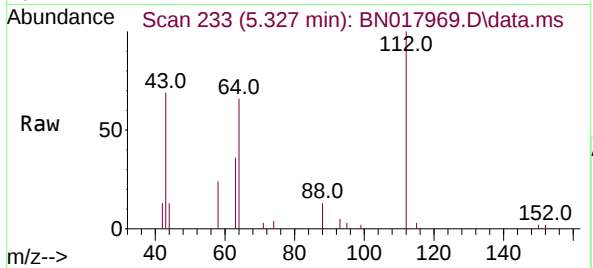




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.327 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

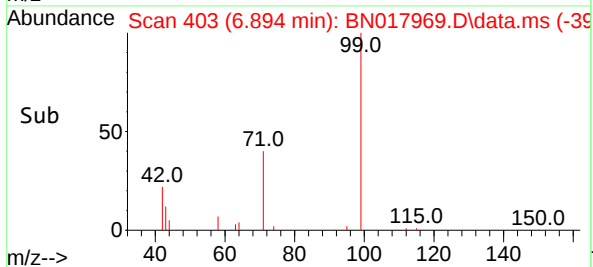
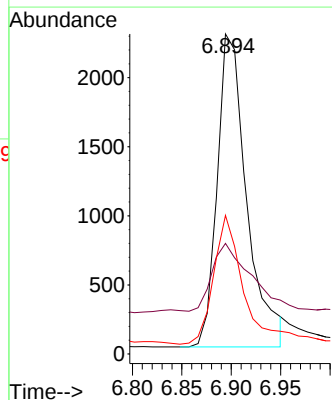
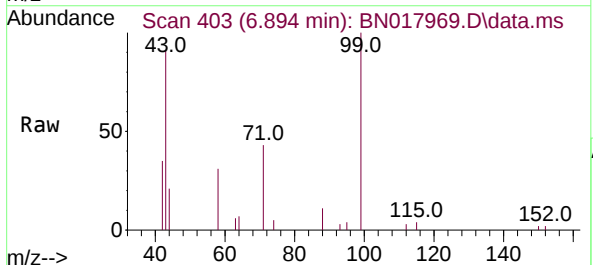
Instrument :
BNA_N
ClientSampleId :

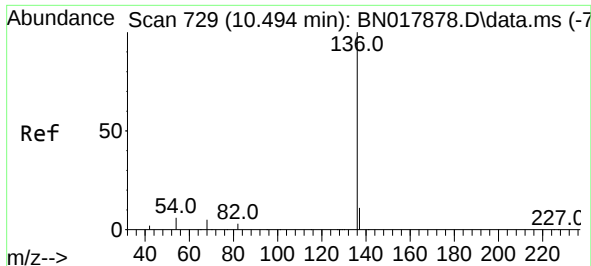
Tgt Ion:112 Resp: 8006
Ion Ratio Lower Upper
112 100
64 61.3 49.0 73.4
63 32.2 26.2 39.2



#5
Phenol-d6
Concen: 0.097 ng
RT: 6.894 min Scan# 403
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Tgt Ion: 99 Resp: 4701
Ion Ratio Lower Upper
99 100
42 27.9 17.0 25.4#
71 40.3 28.0 42.0

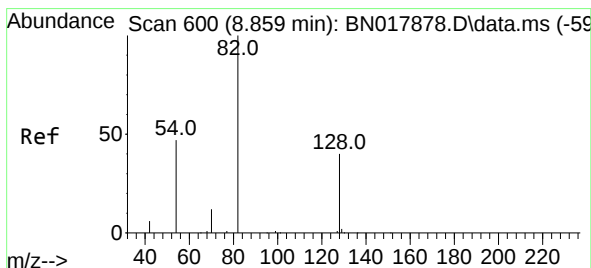
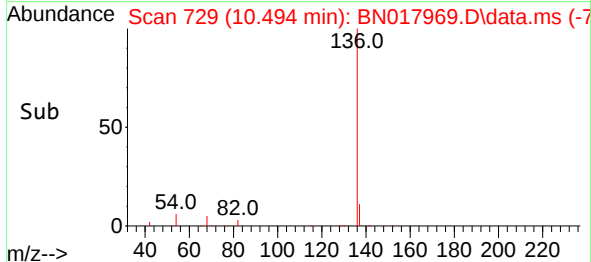
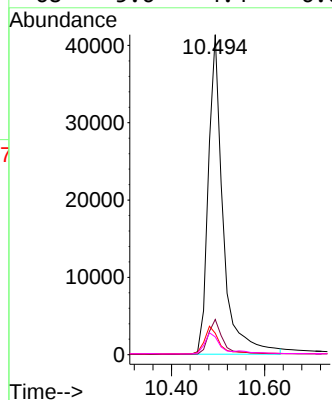
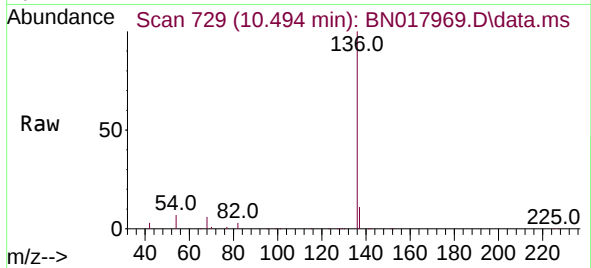




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

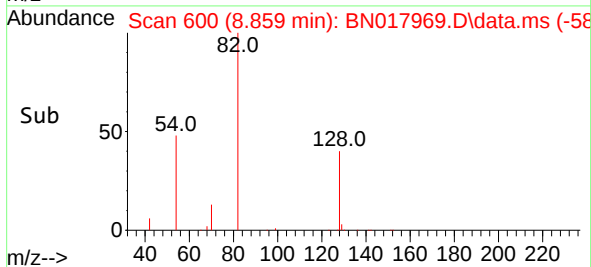
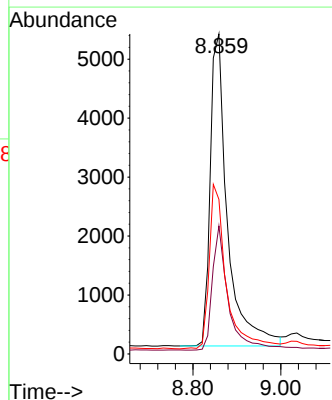
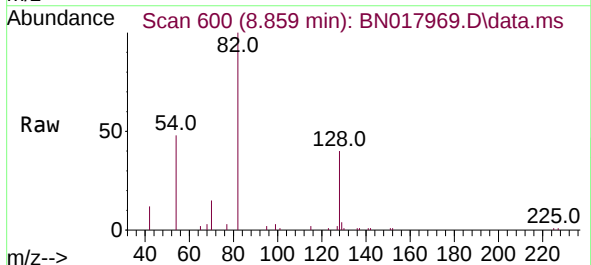
Instrument :
BNA_N
ClientSampleId :

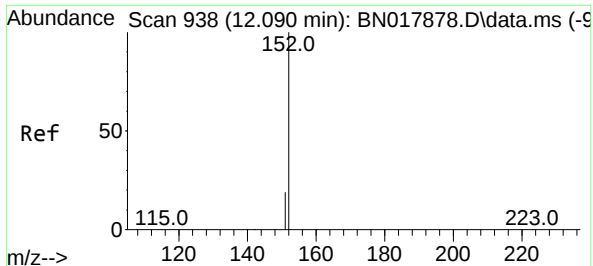
Tgt Ion:136	Resp:	91198
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	6.7	5.1 7.7
68	5.6	4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Tgt Ion: 82	Resp:	14380
Ion Ratio	Lower	Upper
82	100	
128	40.0	32.2 48.4
54	48.3	37.6 56.4





#11

2-Methylnaphthalene-d10

Concen: 0.258 ng

RT: 12.085 min Scan# 91

Delta R.T. -0.004 min

Lab File: BN017969.D

Acq: 13 Dec 2021 13:18

Instrument :

BNA_N

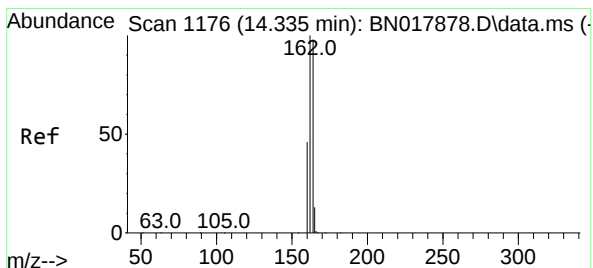
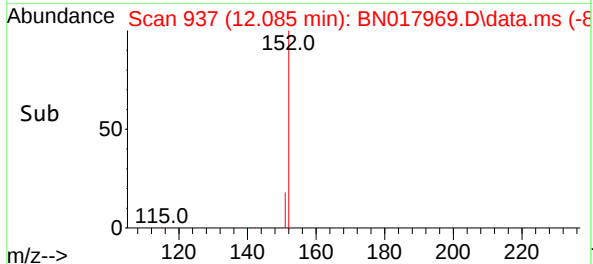
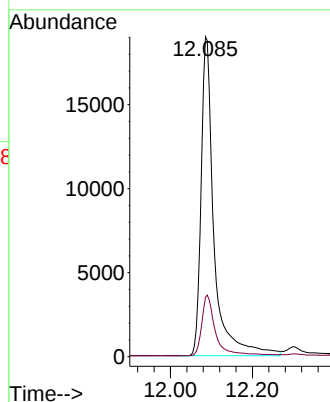
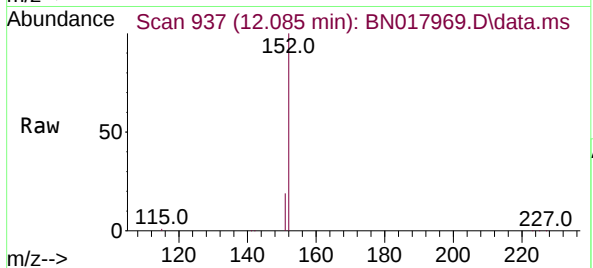
ClientSampleId :

Tgt Ion:152 Resp: 41412

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.335 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BN017969.D

Acq: 13 Dec 2021 13:18

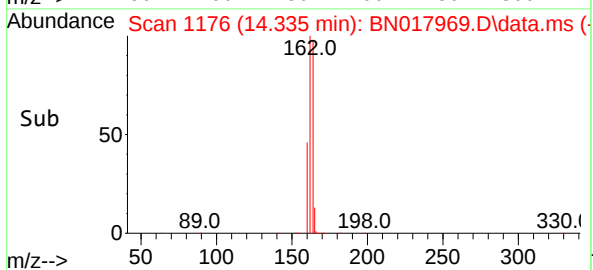
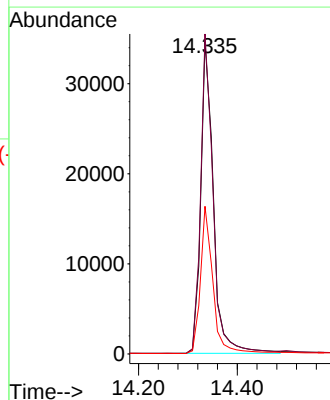
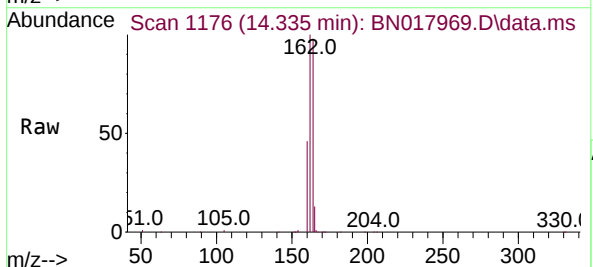
Tgt Ion:164 Resp: 61900

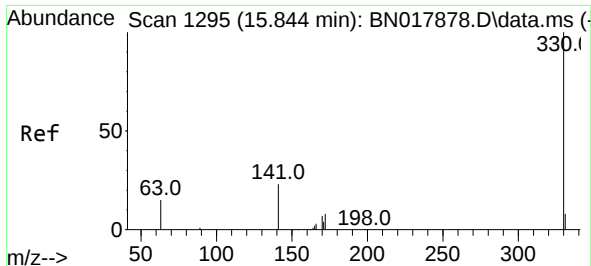
Ion Ratio Lower Upper

164 100

162 102.4 82.1 123.1

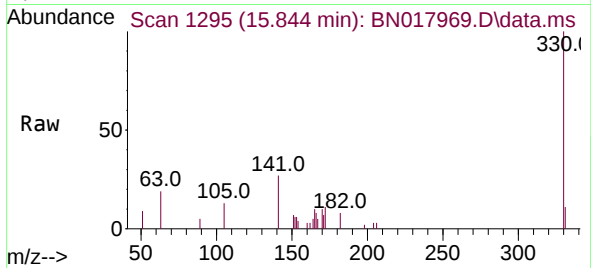
160 47.3 38.2 57.2



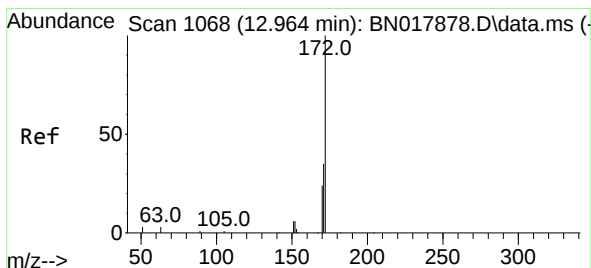
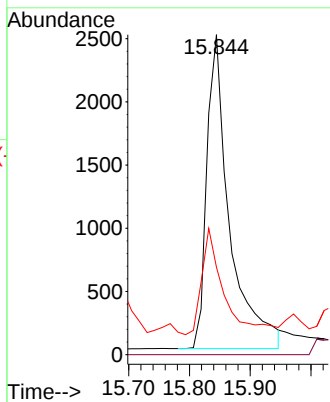
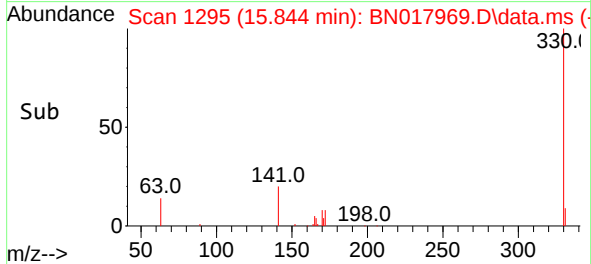


#14
2,4,6-Tribromophenol
Concen: 0.524 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

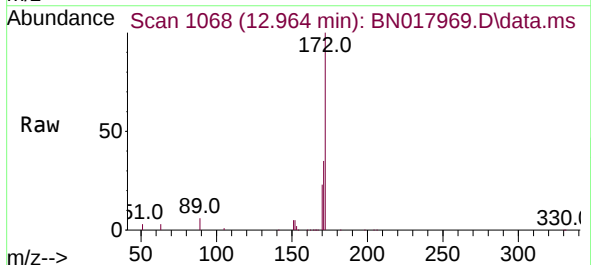
Instrument :
BNA_N
ClientSampleId :



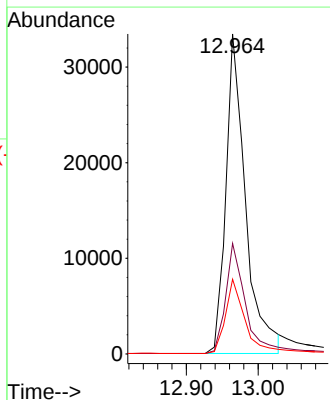
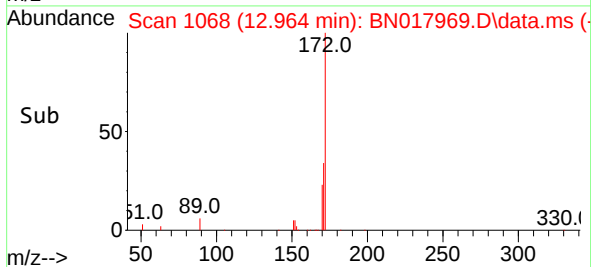
Tgt Ion: 330 Resp: 6468
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.0 19.7 29.5#

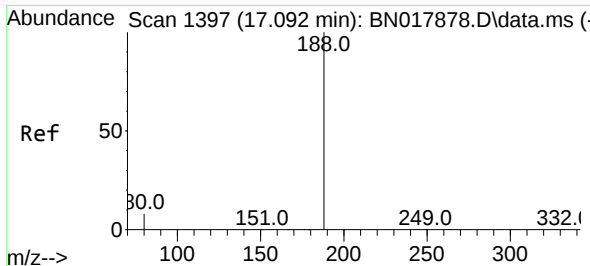


#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18



Tgt Ion: 172 Resp: 63496
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.4 19.1 28.7

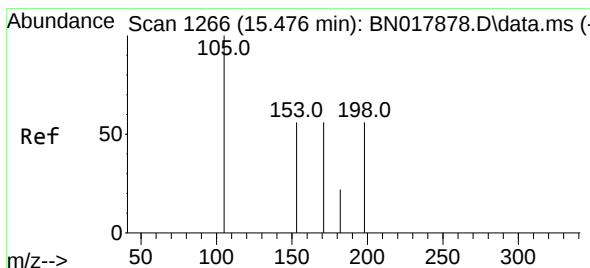
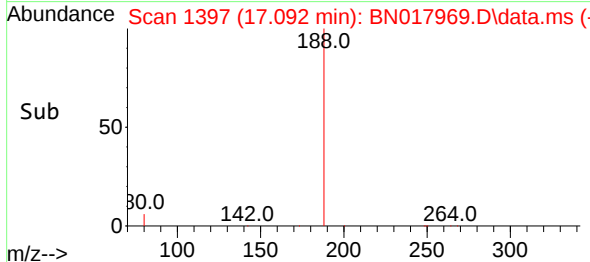
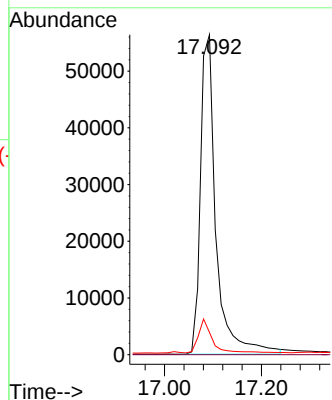
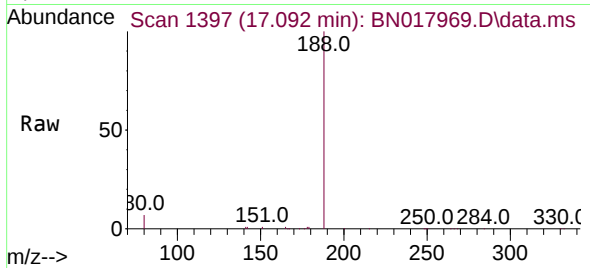




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

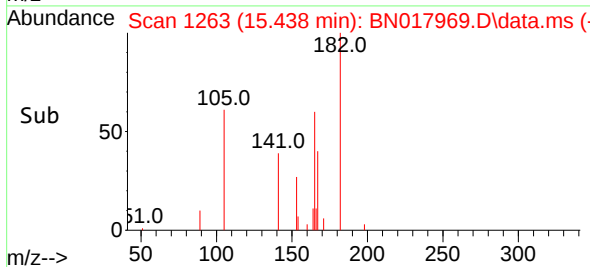
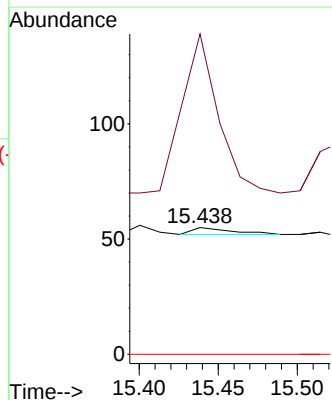
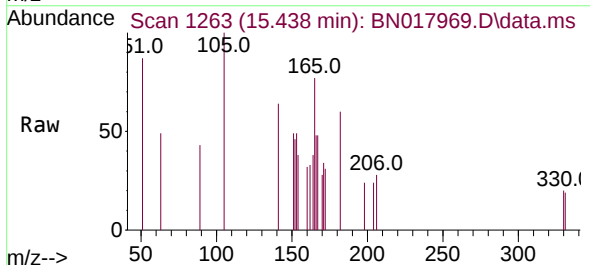
Instrument :
BNA_N
ClientSampleId :

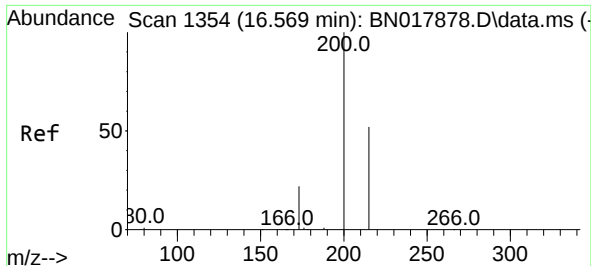
Tgt Ion:188 Resp: 125608
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.438 min Scan# 1263
Delta R.T. -0.038 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

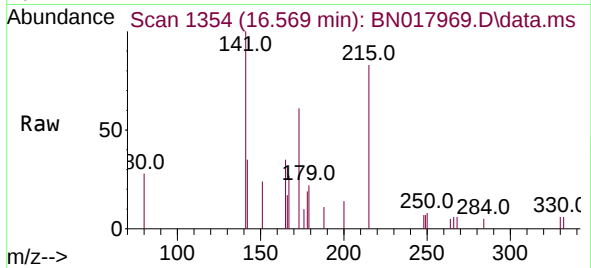
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 252.7 70.8 106.2#
77 0.0 0.0 0.0



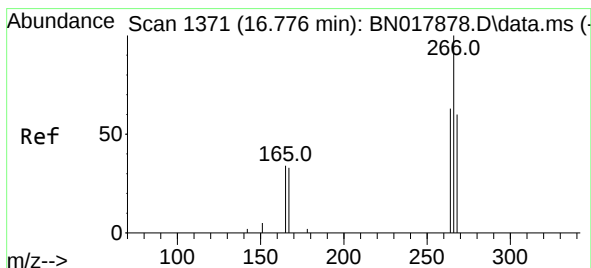
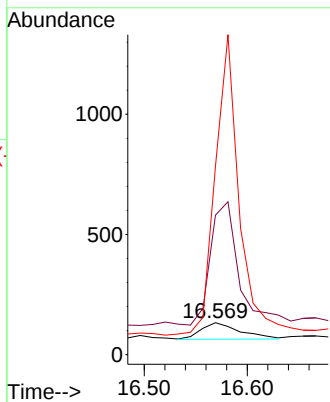
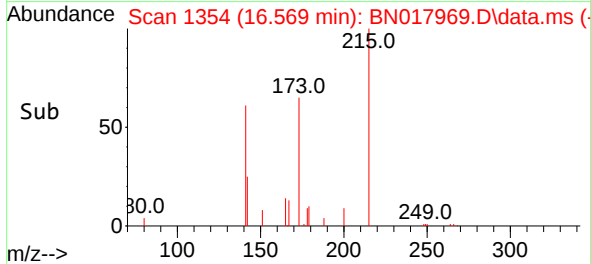


#23
 Atrazine
 Concen: 0.094 ng
 RT: 16.569 min Scan# 1354
 Delta R.T. 0.000 min
 Lab File: BN017969.D
 Acq: 13 Dec 2021 13:18

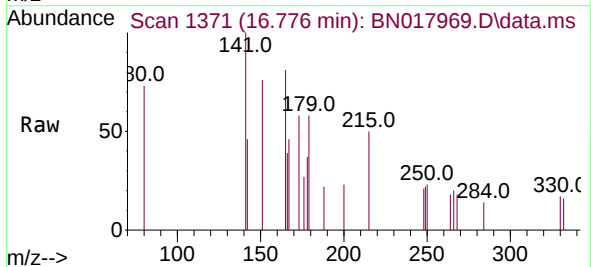
Instrument :
 BNA_N
 ClientSampleId :



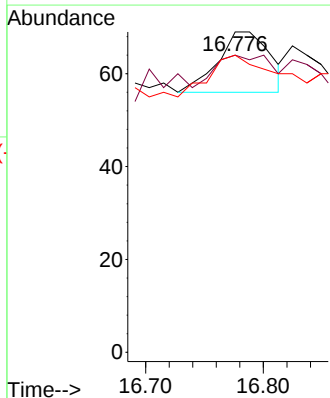
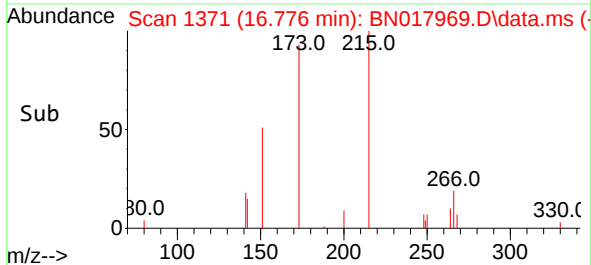
Tgt Ion:200 Resp: 182
 Ion Ratio Lower Upper
 200 100
 173 436.1 18.2 27.2#
 215 589.5 41.8 62.8#

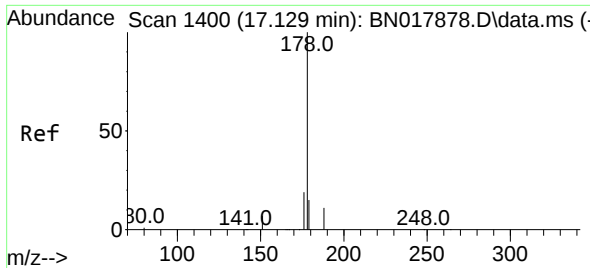


#24
 Pentachlorophenol
 Concen: 0.104 ng
 RT: 16.776 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: BN017969.D
 Acq: 13 Dec 2021 13:18



Tgt Ion:266 Resp: 40
 Ion Ratio Lower Upper
 266 100
 264 57.5 50.6 76.0
 268 92.5 53.7 80.5#

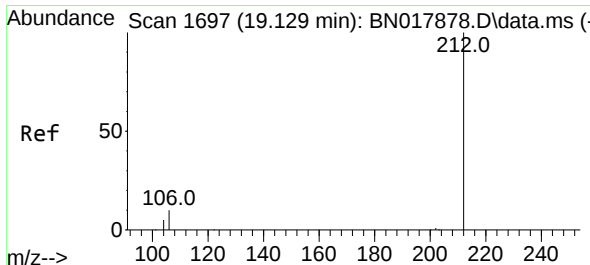
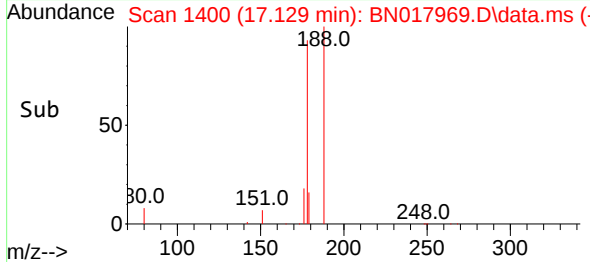
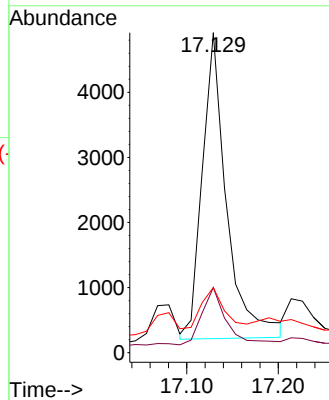
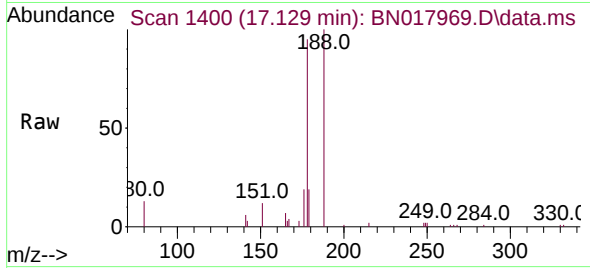




#25
Phenanthrene
Concen: 0.027 ng
RT: 17.129 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

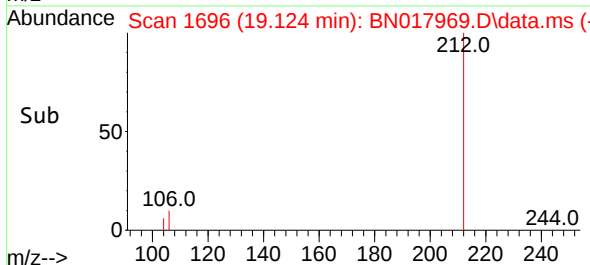
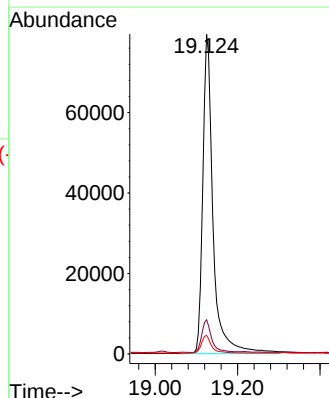
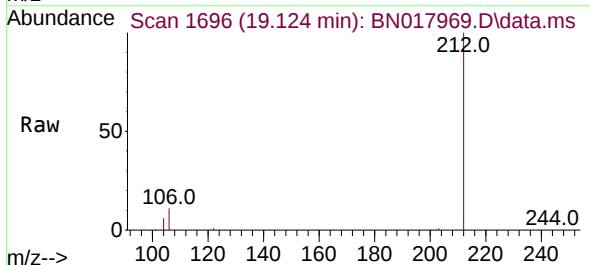
Instrument :
BNA_N
ClientSampleId :

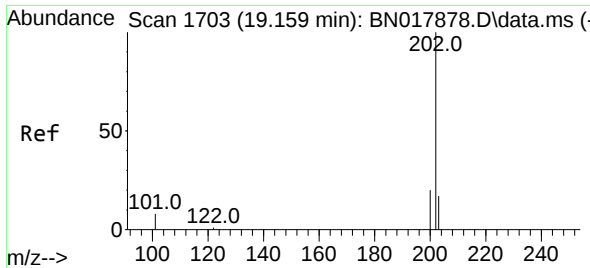
Tgt Ion:178	Resp:	8668
Ion Ratio	Lower	Upper
178	100	
176	21.7	15.0 22.6
179	15.5	12.4 18.6



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Tgt Ion:212	Resp:	137573
Ion Ratio	Lower	Upper
212	100	
106	9.8	8.3 12.5
104	5.8	4.6 6.8

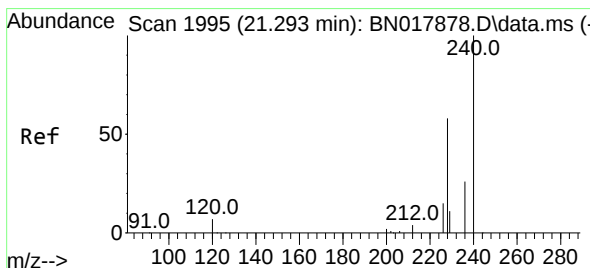
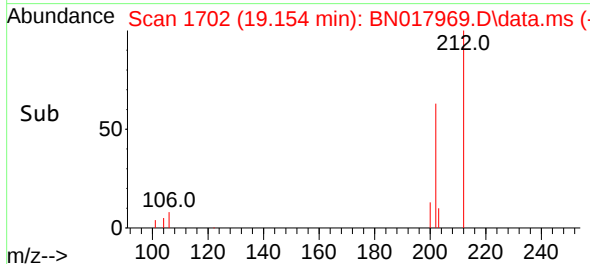
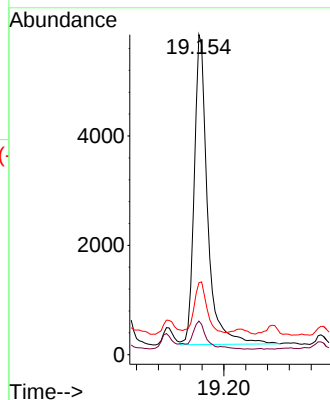
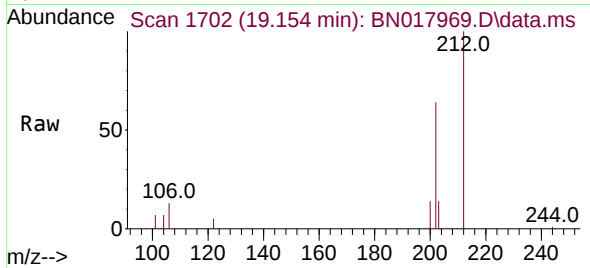




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.154 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

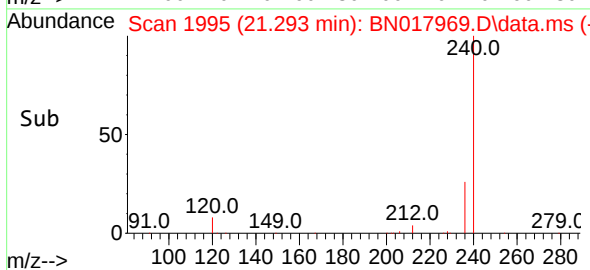
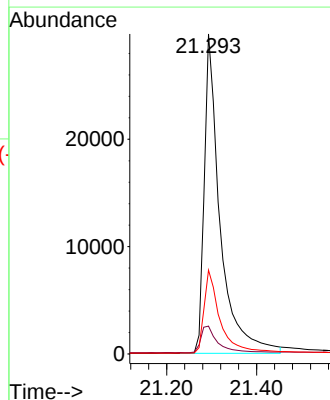
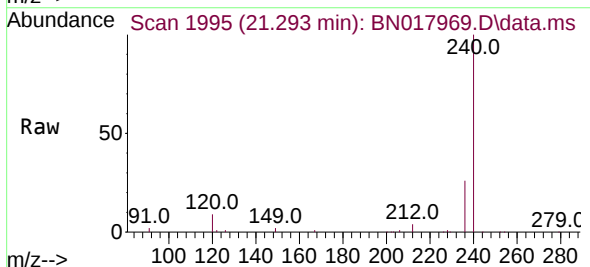
Instrument :
BNA_N
ClientSampleId :

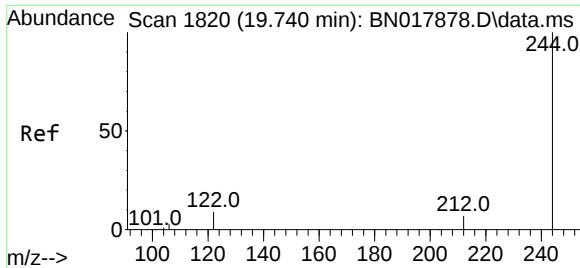
Tgt Ion:202 Resp: 9584
Ion Ratio Lower Upper
202 100
101 9.2 7.3 10.9
203 17.2 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

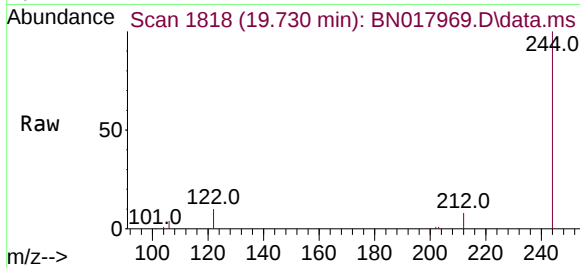
Tgt Ion:240 Resp: 72561
Ion Ratio Lower Upper
240 100
120 8.7 5.8 8.8
236 26.2 21.0 31.6



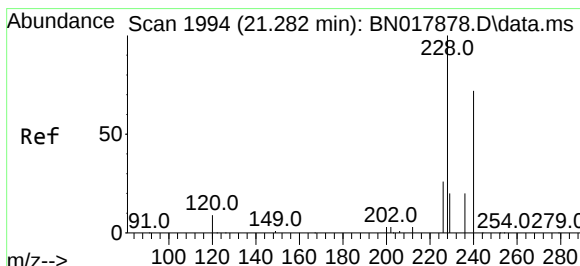
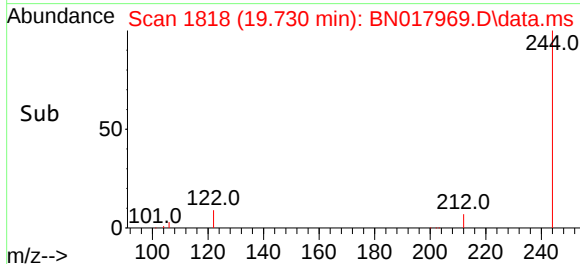
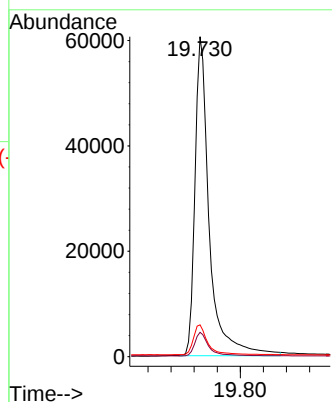


#31
 Terphenyl-d14
 Concen: 0.586 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017969.D
 Acq: 13 Dec 2021 13:18

Instrument :
 BNA_N
 ClientSampleId :

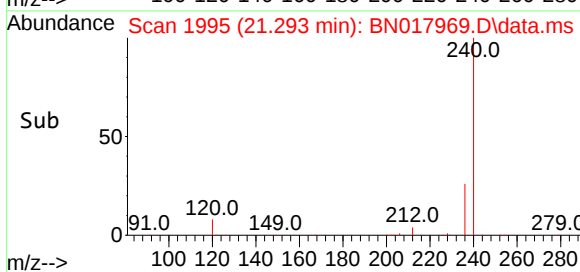
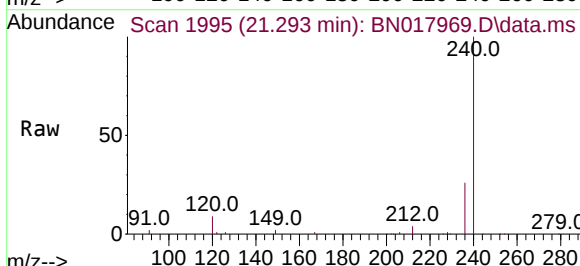
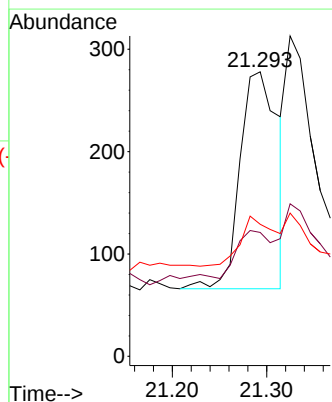


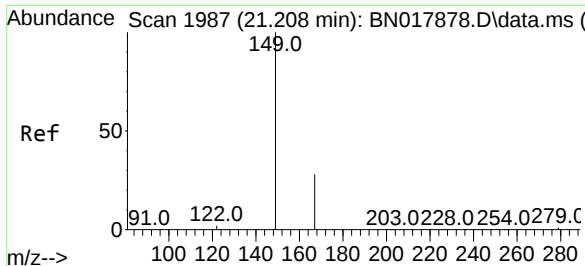
Tgt Ion:244 Resp: 104797
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.0 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.052 ng
 RT: 21.293 min Scan# 1995
 Delta R.T. 0.011 min
 Lab File: BN017969.D
 Acq: 13 Dec 2021 13:18

Tgt Ion:228 Resp: 595
 Ion Ratio Lower Upper
 228 100
 226 43.5 21.0 31.4#
 229 46.4 15.8 23.8#

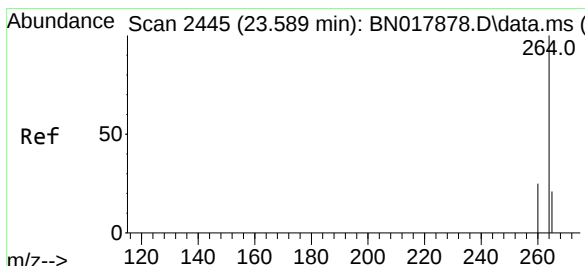
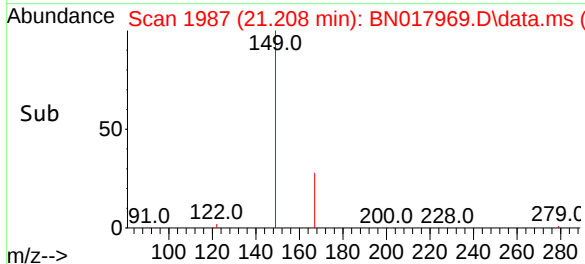
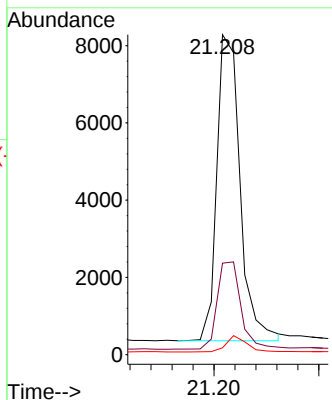
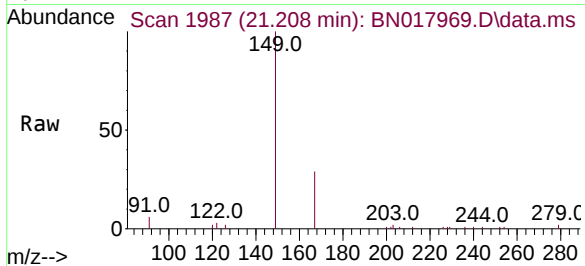




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.157 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017969.D
 Acq: 13 Dec 2021 13:18

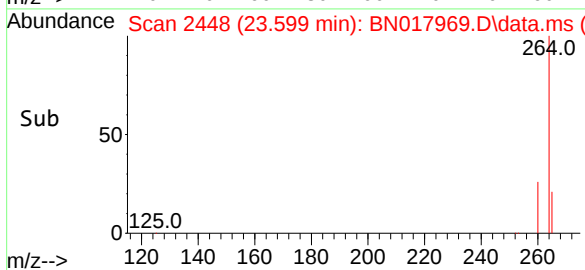
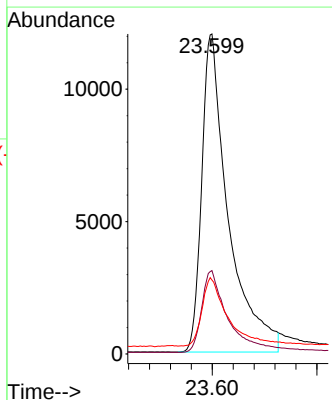
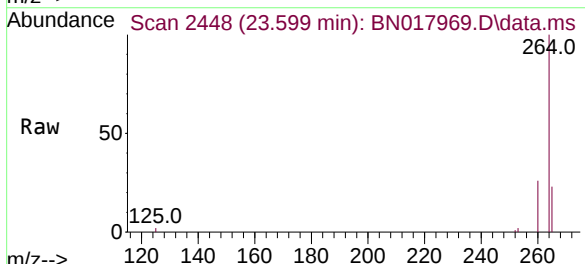
Instrument :
 BNA_N
 ClientSampleId :

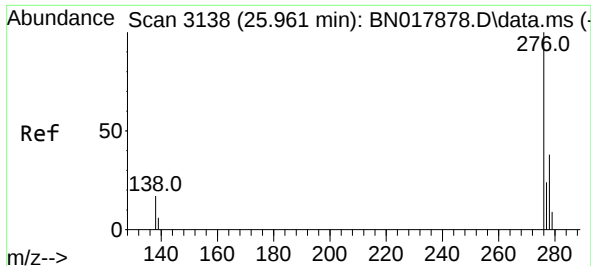
Tgt Ion:	149	Resp:	12204
Ion Ratio	Lower	Upper	
149	100		
167	29.1	23.4	35.0
279	4.6	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.599 min Scan# 2448
 Delta R.T. 0.010 min
 Lab File: BN017969.D
 Acq: 13 Dec 2021 13:18

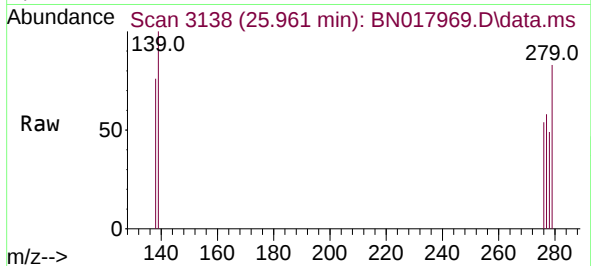
Tgt Ion:	264	Resp:	42193
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.2	30.4
265	23.1	18.2	27.4



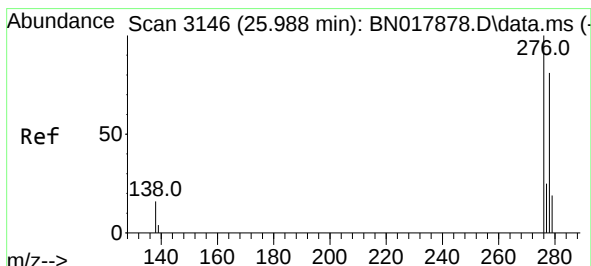
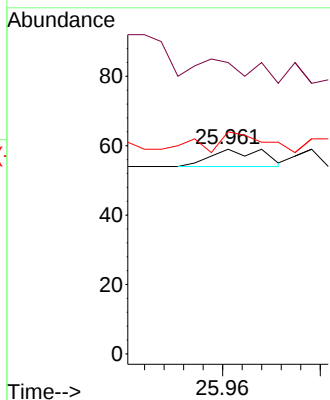
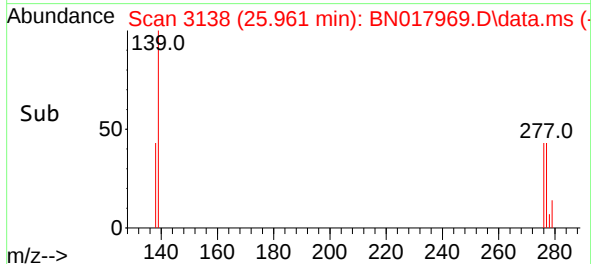


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.961 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: BN017969.D
 Acq: 13 Dec 2021 13:18

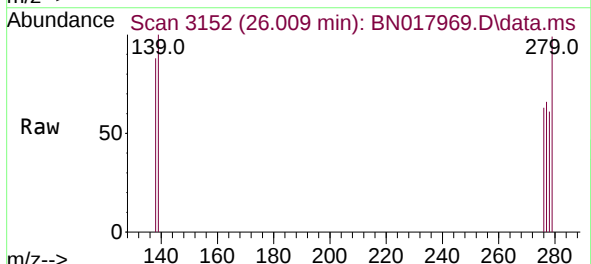
Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 276 Resp: 4
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 125.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 26.009 min Scan# 3152
 Delta R.T. 0.021 min
 Lab File: BN017969.D
 Acq: 13 Dec 2021 13:18



Tgt Ion: 278 Resp: 2
 Ion Ratio Lower Upper
 278 100
 139 163.2 12.0 18.0#
 279 161.4 20.8 31.2#

