

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017897.D
 Acq On : 11 Dec 2021 09:18
 Operator : CG/JU
 Sample : M4956-24
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20211206

Quant Time: Dec 11 21:29:22 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)

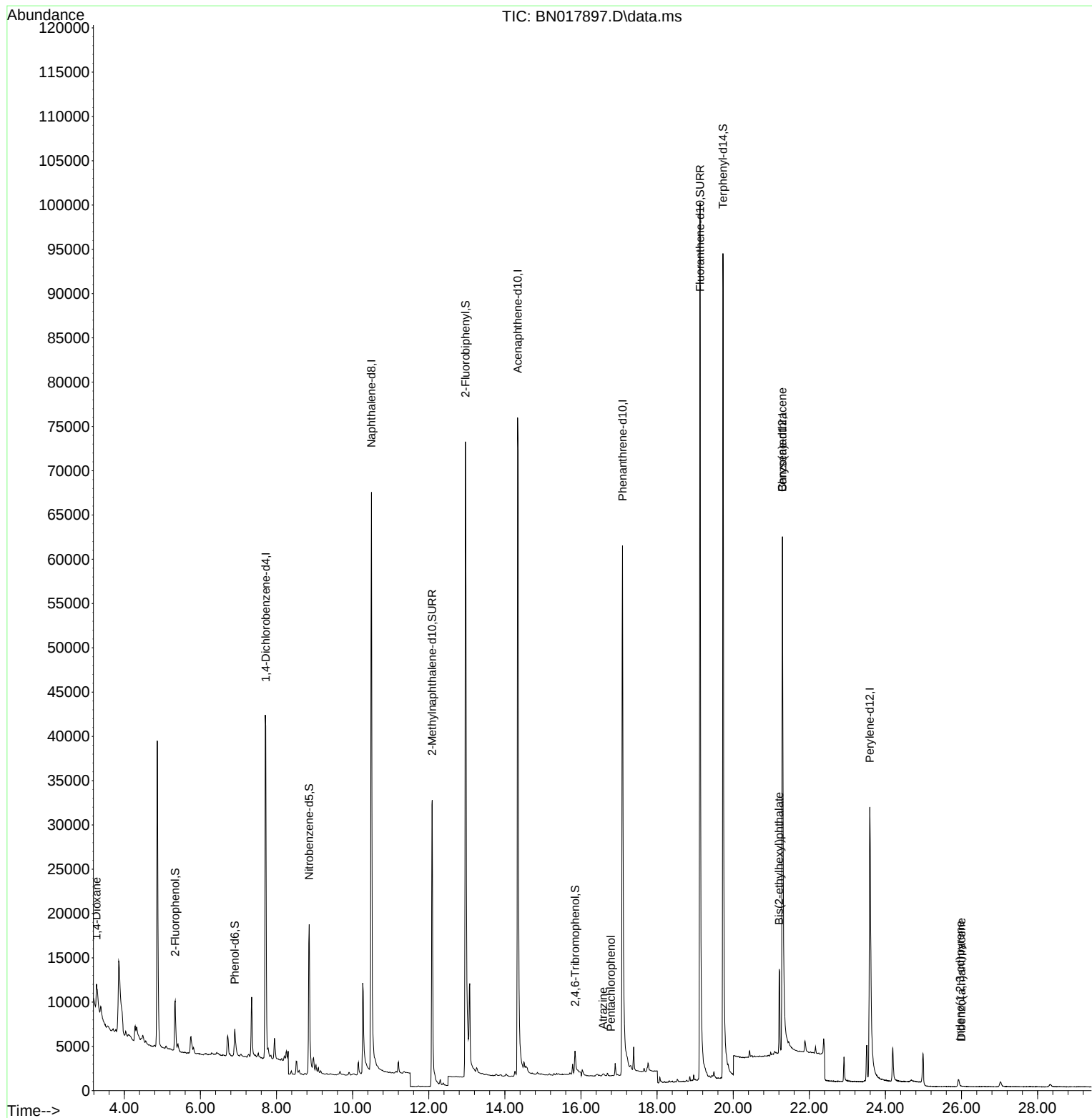
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	25092	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	102299	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	62519	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	128466	0.400	ng	0.00
29) Chrysene-d12	21.293	240	92825	0.400	ng	0.00
35) Perylene-d12	23.592	264	65519	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6641	0.128	ng	0.00
5) Phenol-d6	6.903	99	3399	0.066	ng	0.00
8) Nitrobenzene-d5	8.859	82	19633	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	55988	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3717	0.442	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	84798	0.385	ng	0.00
27) Fluoranthene-d10	19.129	212	155429	0.373	ng	0.00
31) Terphenyl-d14	19.730	244	136704	0.597	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	2621	0.344	ng	92
20) 4,6-Dinitro-2-methylph...	15.552	198	18	Below Cal	#	61
23) Atrazine	16.581	200	84	0.093	ng	# 1
24) Pentachlorophenol	16.788	266	18	0.091	ng	# 49
32) Benzo(a)anthracene	21.293	228	527	0.052	ng	# 14
34) Bis(2-ethylhexyl)phtha...	21.208	149	10483	0.105	ng	98
36) Indeno(1,2,3-cd)pyrene	25.961	276	3	0.089	ng	# 54
40) Dibenzo(a,h)anthracene	25.992	278	2	0.101	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017897.D
Acq On : 11 Dec 2021 09:18
Operator : CG/JU
Sample : M4956-24
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW178S-20211206

Quant Time: Dec 11 21:29:22 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

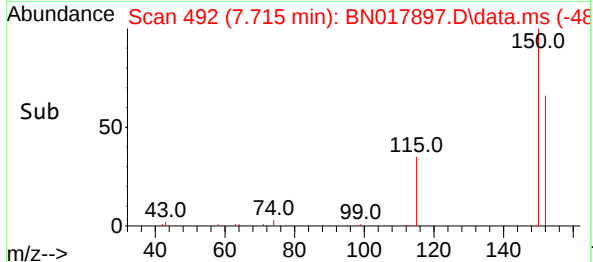
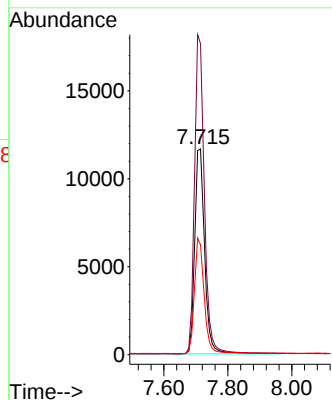
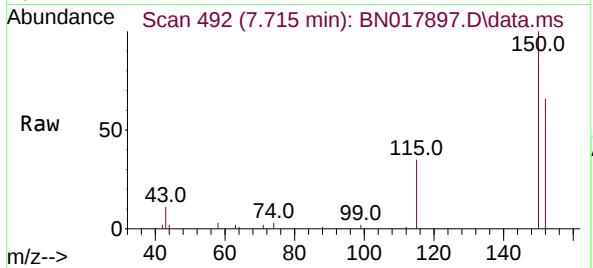




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017897.D
 Acq: 11 Dec 2021 09:18

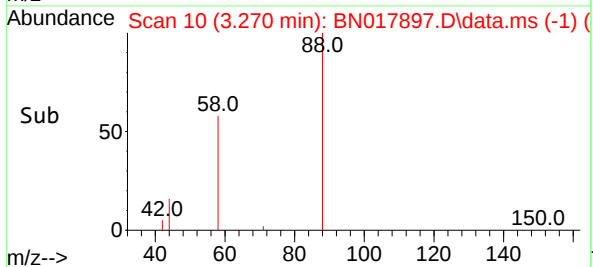
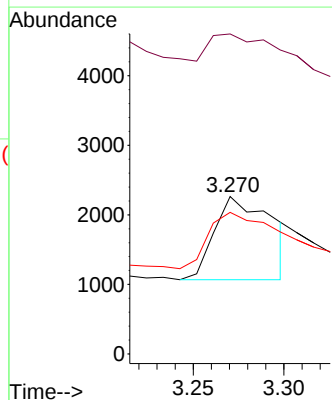
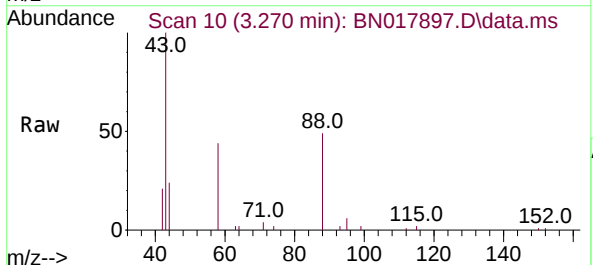
Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20211206

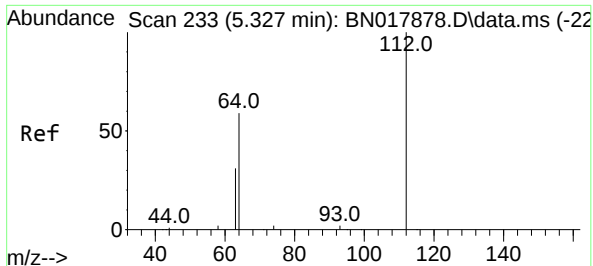
Tgt Ion:152 Resp: 25092
 Ion Ratio Lower Upper
 152 100
 150 151.1 121.9 182.9
 115 53.4 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.344 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017897.D
 Acq: 11 Dec 2021 09:18

Tgt Ion: 88 Resp: 2621
 Ion Ratio Lower Upper
 88 100
 43 31.7 28.0 42.0
 58 73.5 65.4 98.0

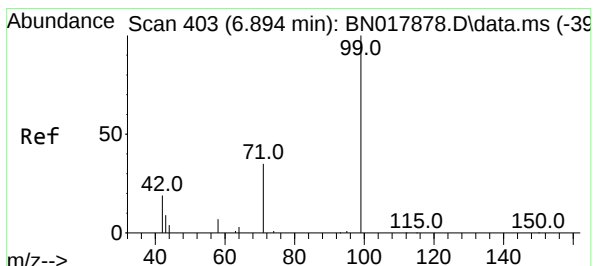
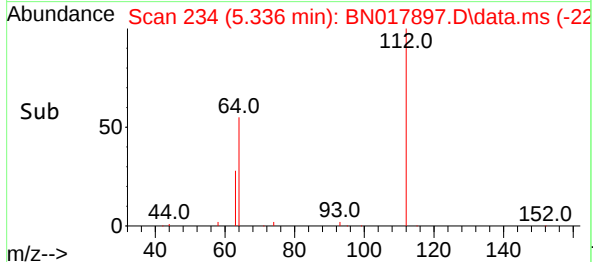
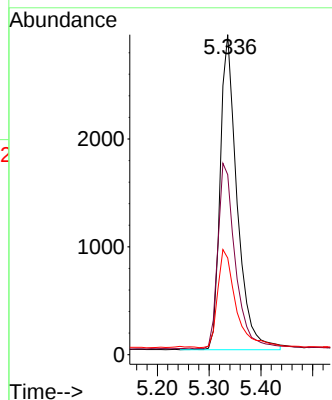
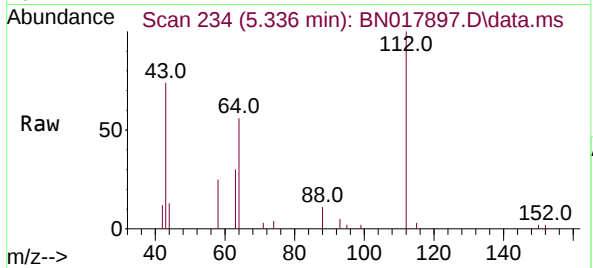




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

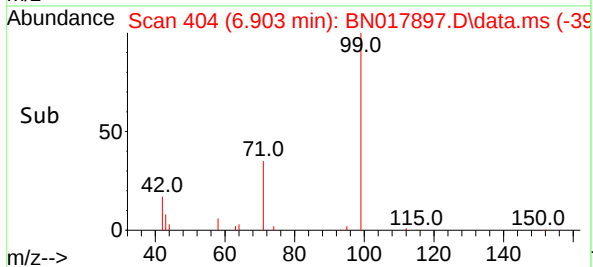
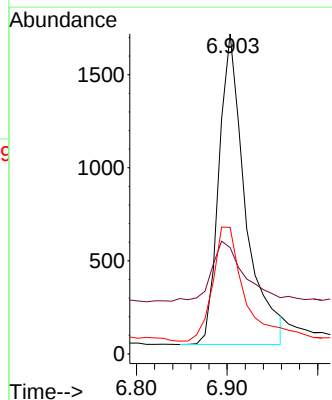
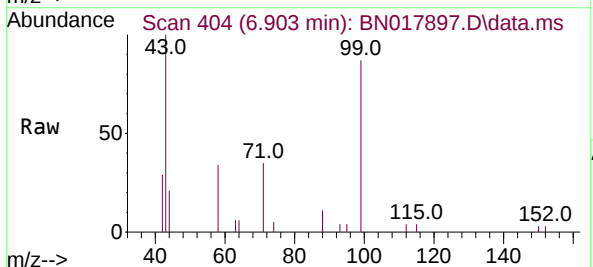
Instrument :
BNA_N
ClientSampleId :
MW178S-20211206

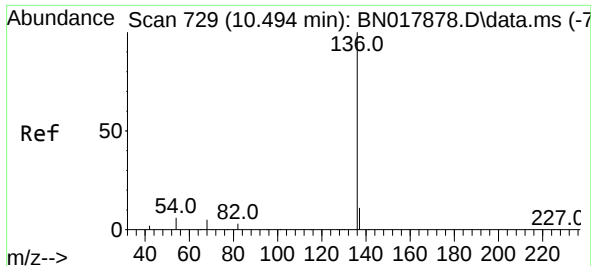
Tgt Ion:112 Resp: 6641
Ion Ratio Lower Upper
112 100
64 60.8 49.0 73.4
63 33.5 26.2 39.2



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Tgt Ion: 99 Resp: 3399
Ion Ratio Lower Upper
99 100
42 24.0 17.0 25.4
71 43.0 28.0 42.0#

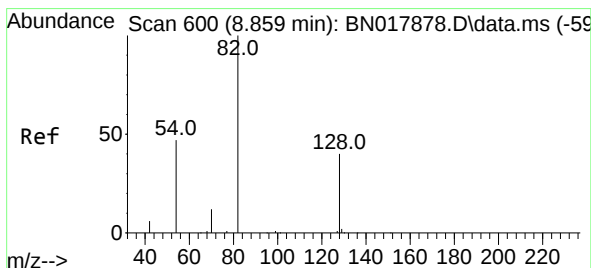
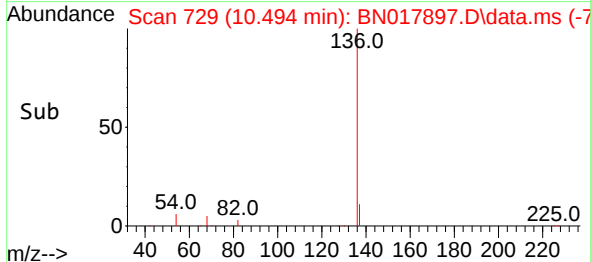
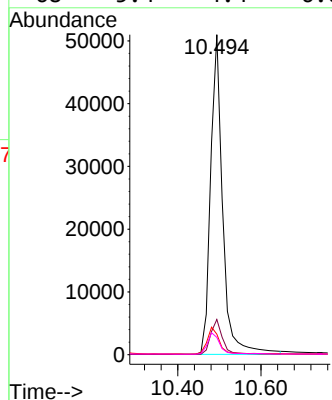
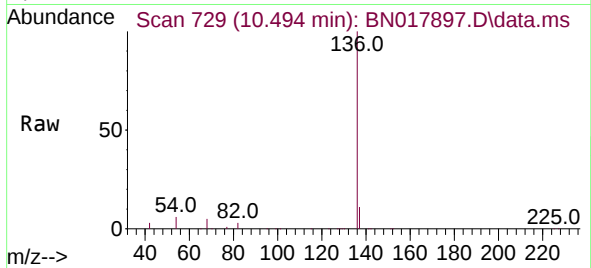




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

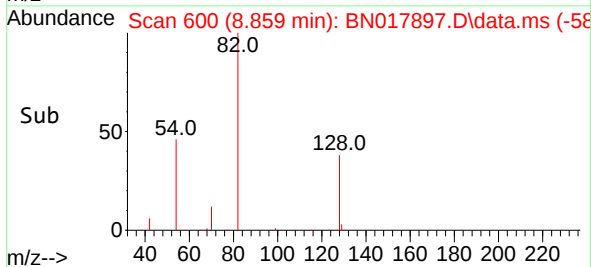
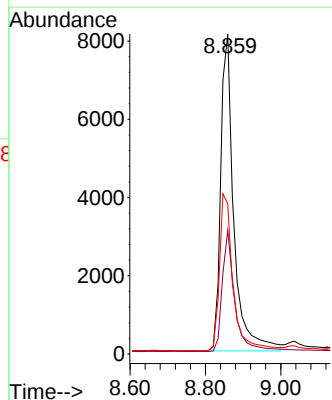
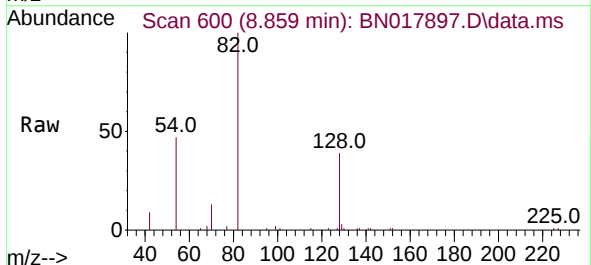
Instrument :
BNA_N
ClientSampleId :
MW178S-20211206

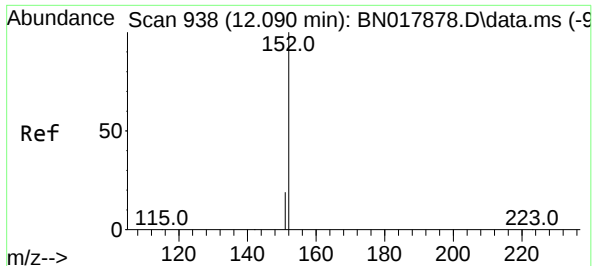
Tgt Ion:136	Resp: 102299
Ion Ratio	Lower Upper
136	100
137	11.0 8.8 13.2
54	6.4 5.1 7.7
68	5.4 4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Tgt Ion: 82	Resp: 19633
Ion Ratio	Lower Upper
82	100
128	38.7 32.2 48.4
54	47.0 37.6 56.4

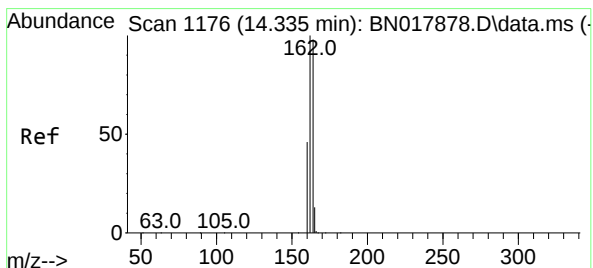
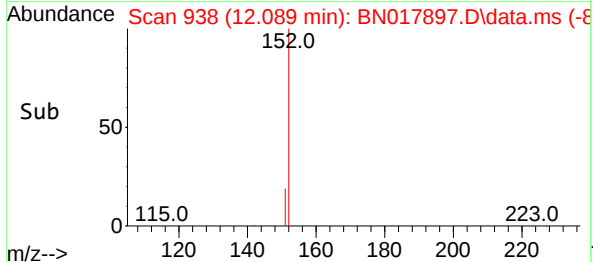
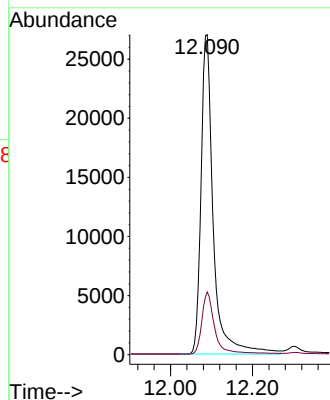
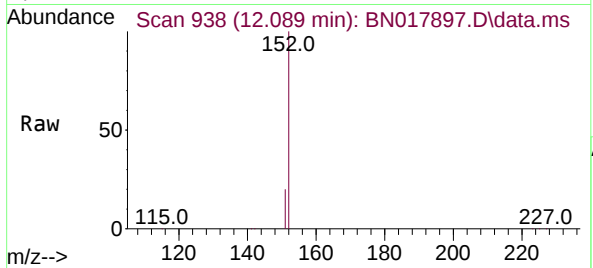




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.089 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

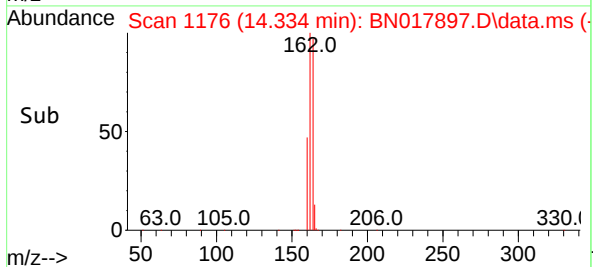
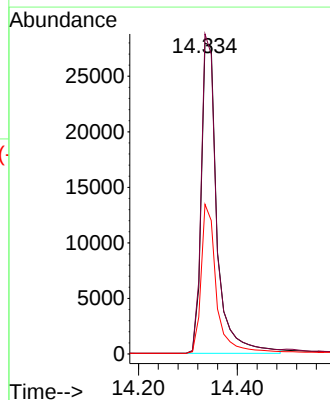
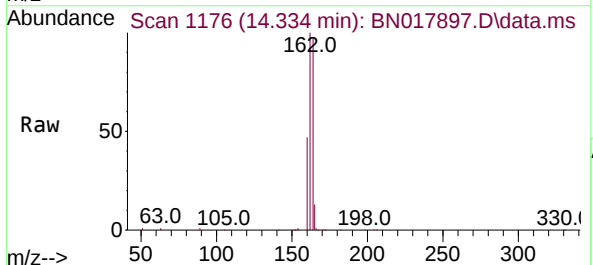
Instrument :
BNA_N
ClientSampleId :
MW178S-20211206

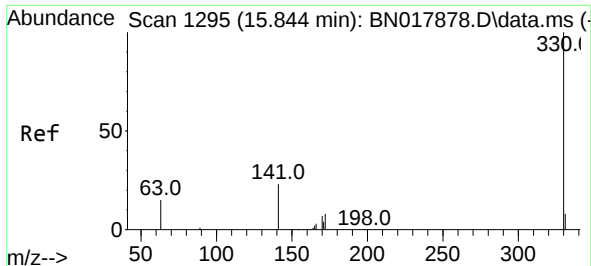
Tgt Ion:152 Resp: 55988
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Tgt Ion:164 Resp: 62519
Ion Ratio Lower Upper
164 100
162 102.9 82.1 123.1
160 48.1 38.2 57.2

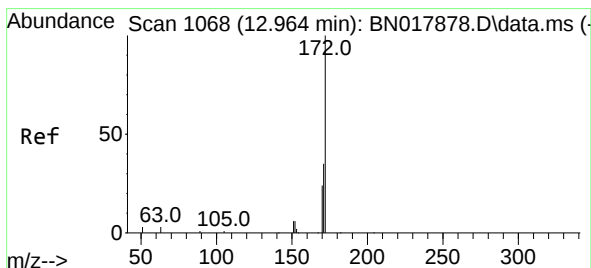
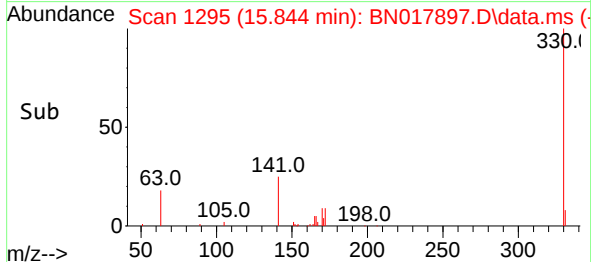
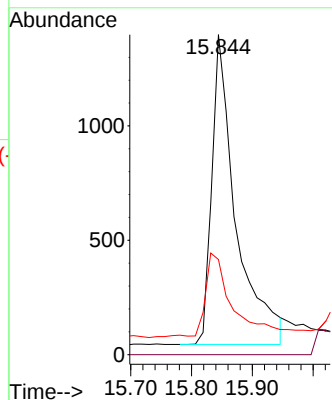
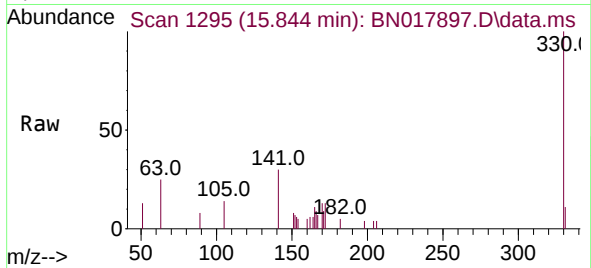




#14
2,4,6-Tribromophenol
Concen: 0.442 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

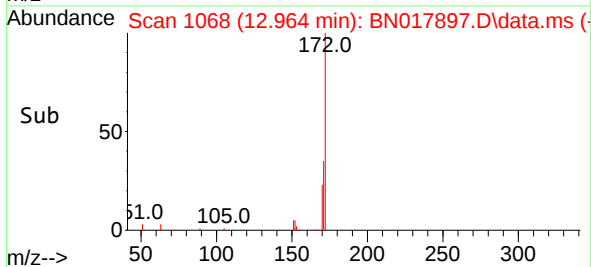
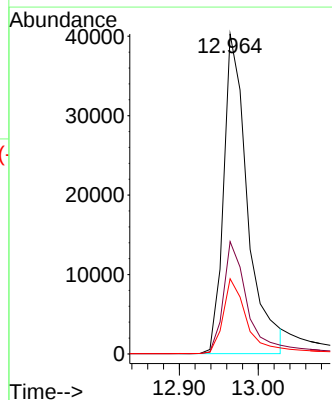
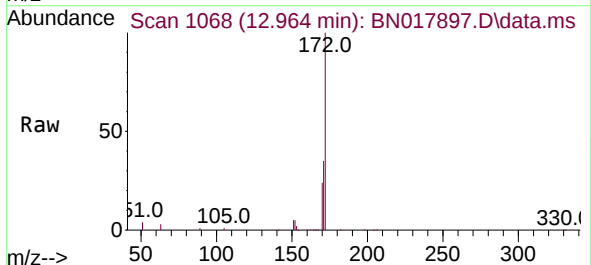
Instrument :
BNA_N
ClientSampleId :
MW178S-20211206

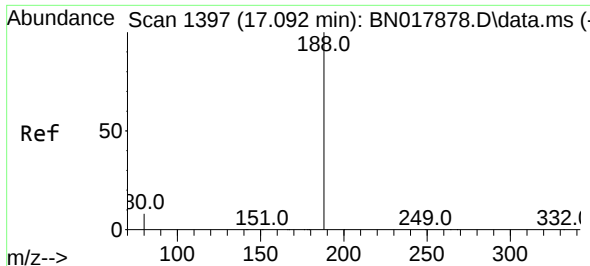
Tgt Ion: 330 Resp: 3717
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.4 19.7 29.5



#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Tgt Ion: 172 Resp: 84798
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 19.1 28.7

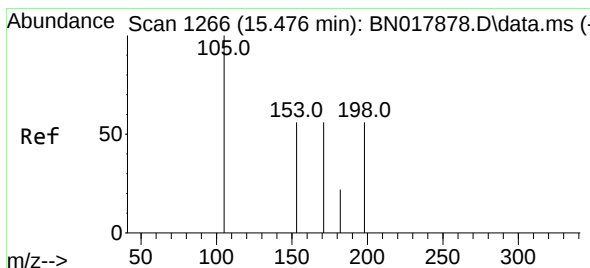
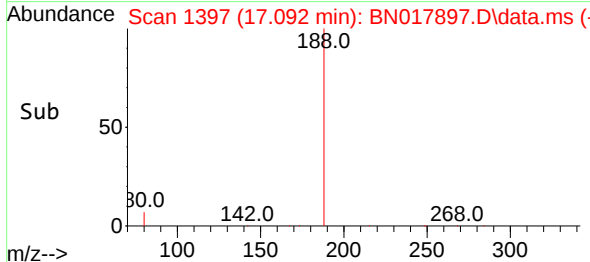
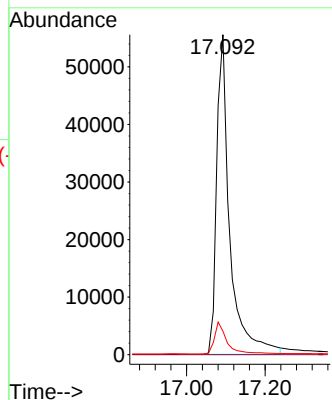
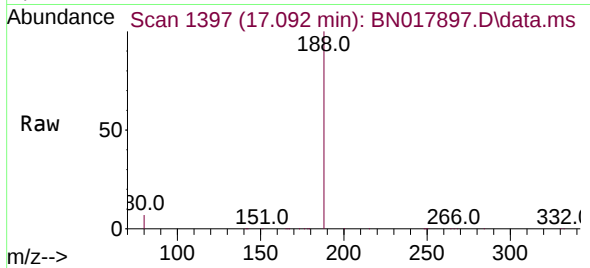




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

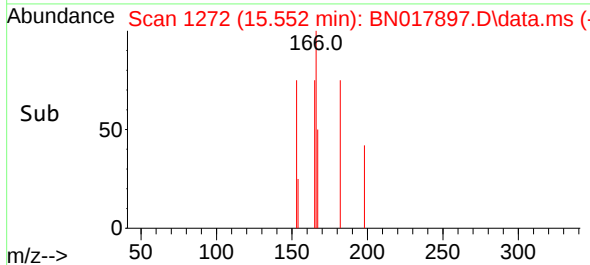
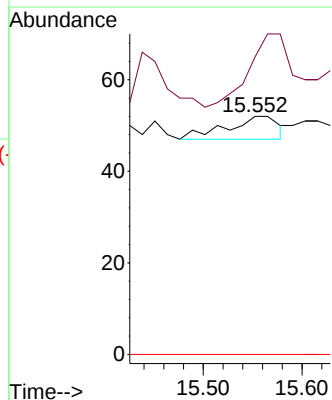
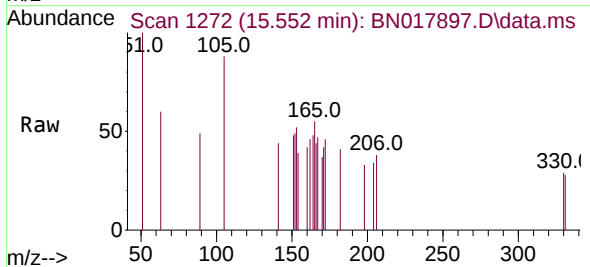
Instrument :
BNA_N
ClientSampleId :
MW178S-20211206

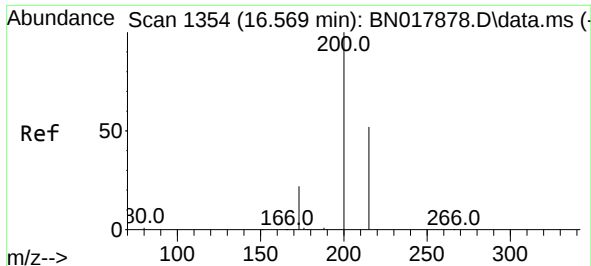
Tgt Ion:188 Resp: 128466
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.552 min Scan# 1272
Delta R.T. 0.076 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
182 125.0 70.8 106.2#
77 0.0 0.0 0.0

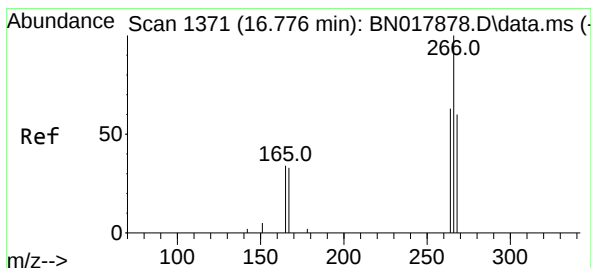
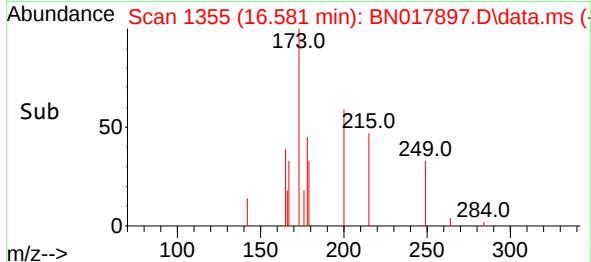
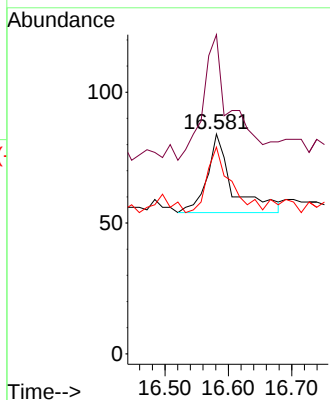
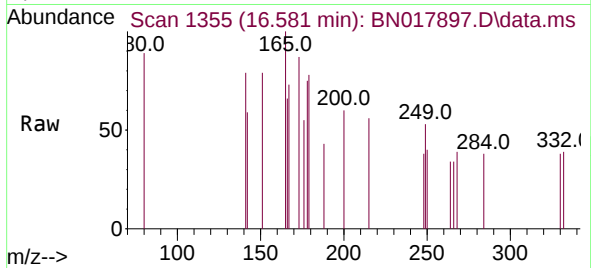




#23
 Atrazine
 Concen: 0.093 ng
 RT: 16.581 min Scan# 1355
 Delta R.T. 0.012 min
 Lab File: BN017897.D
 Acq: 11 Dec 2021 09:18

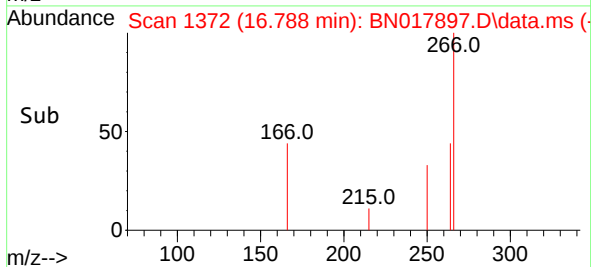
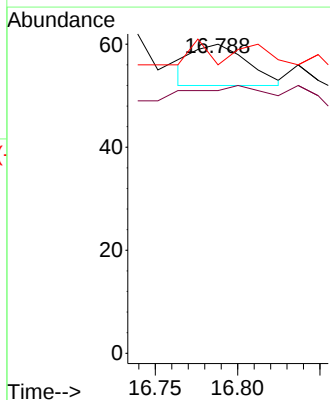
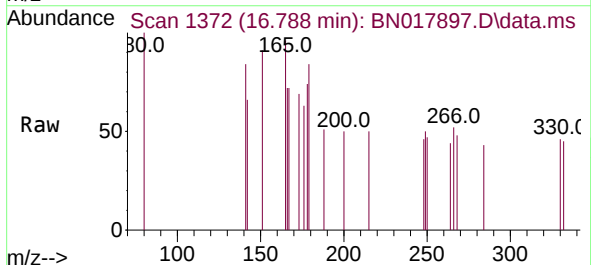
Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20211206

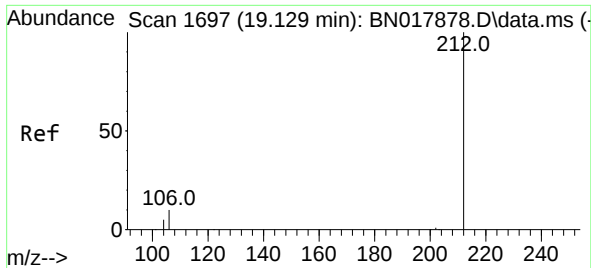
Tgt Ion:200 Resp: 84
 Ion Ratio Lower Upper
 200 100
 173 145.2 18.2 27.2#
 215 94.0 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.091 ng
 RT: 16.788 min Scan# 1372
 Delta R.T. 0.012 min
 Lab File: BN017897.D
 Acq: 11 Dec 2021 09:18

Tgt Ion:266 Resp: 18
 Ion Ratio Lower Upper
 266 100
 264 50.0 50.6 76.0#
 268 0.0 53.7 80.5#

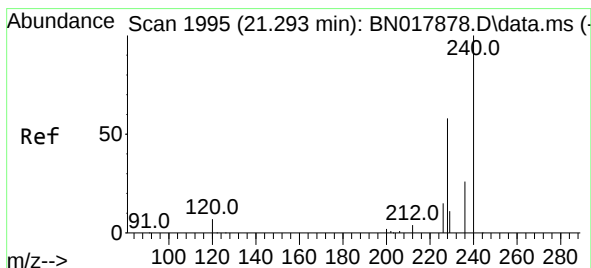
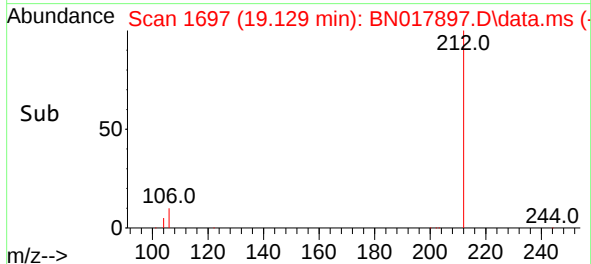
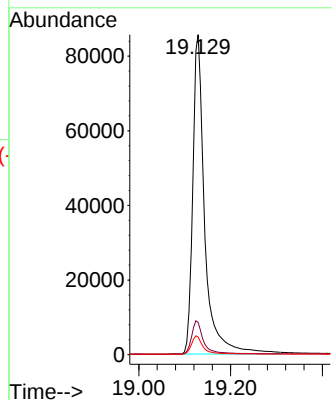
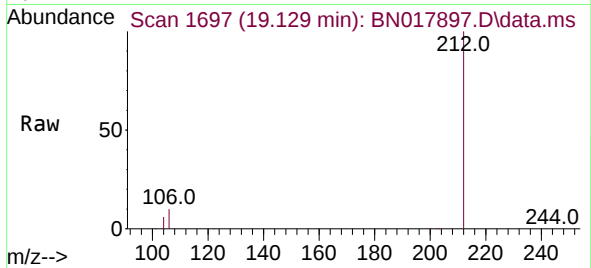




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

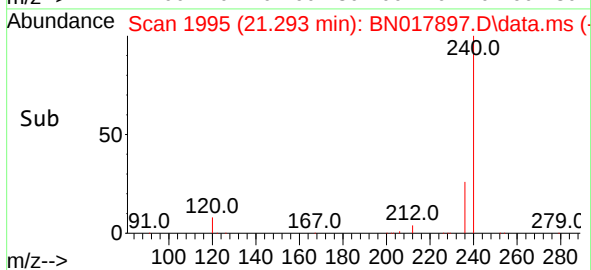
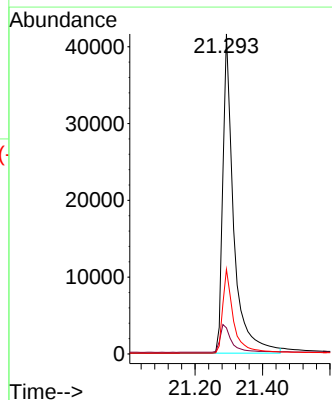
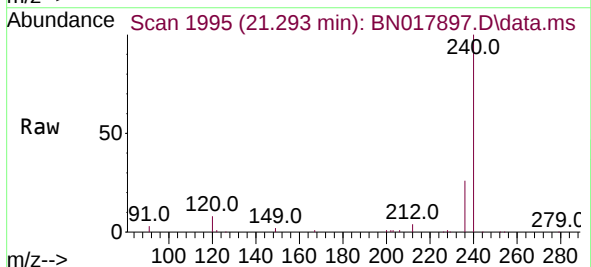
Instrument :
BNA_N
ClientSampleId :
MW178S-20211206

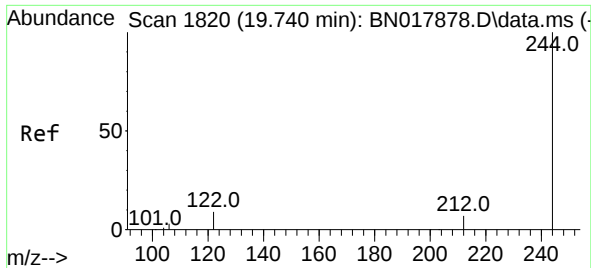
Tgt Ion:212 Resp: 155429
Ion Ratio Lower Upper
212 100
106 10.4 8.3 12.5
104 5.6 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Tgt Ion:240 Resp: 92825
Ion Ratio Lower Upper
240 100
120 8.2 5.8 8.8
236 26.5 21.0 31.6

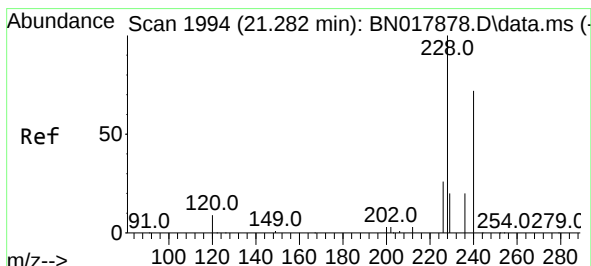
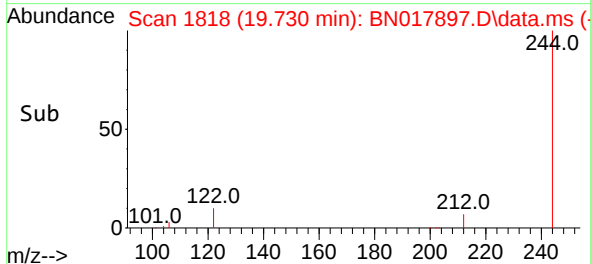
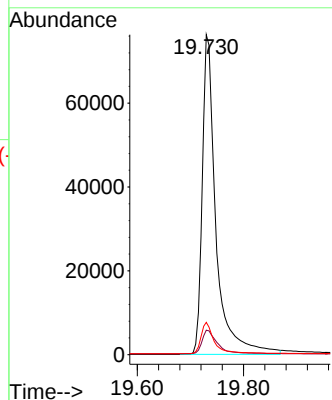
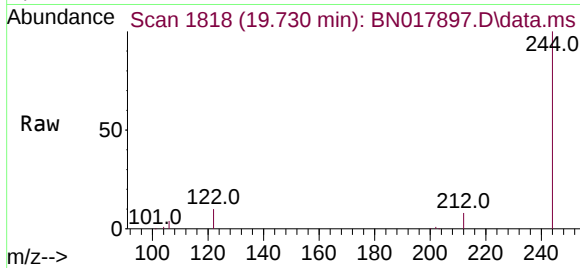




#31
Terphenyl-d14
Concen: 0.597 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

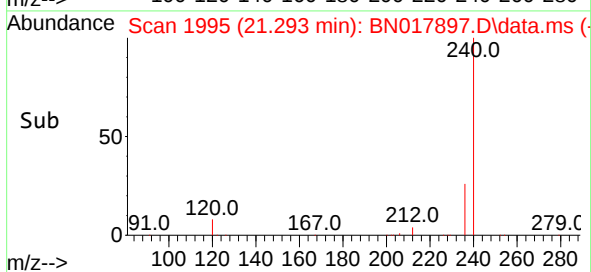
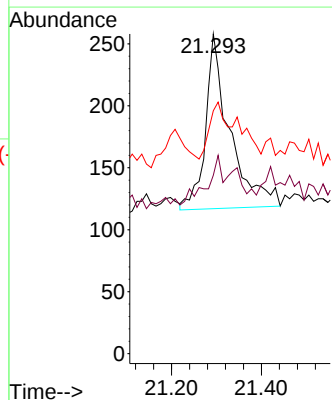
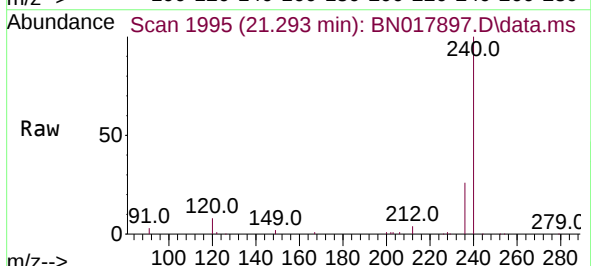
Instrument :
BNA_N
ClientSampleId :
MW178S-20211206

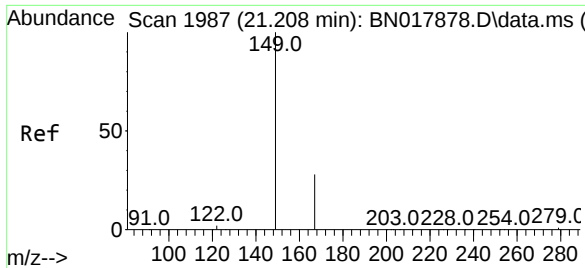
Tgt Ion:244 Resp: 136704
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.1 7.5 11.3



#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.011 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Tgt Ion:228 Resp: 527
Ion Ratio Lower Upper
228 100
226 55.8 21.0 31.4#
229 76.0 15.8 23.8#

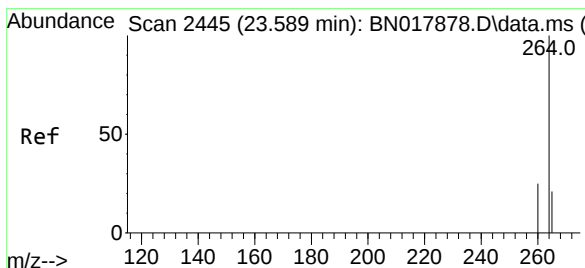
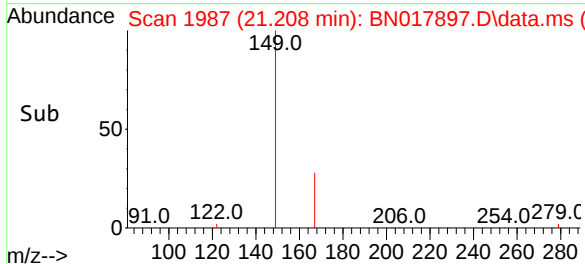
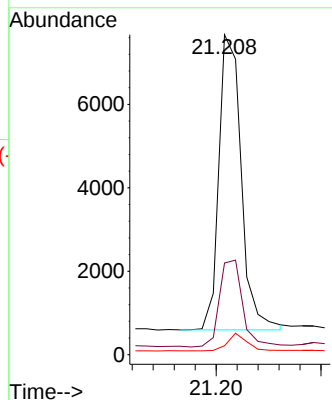
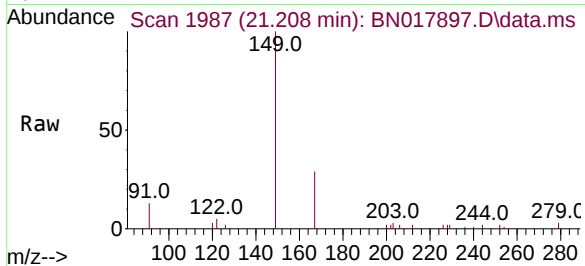




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.105 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017897.D
 Acq: 11 Dec 2021 09:18

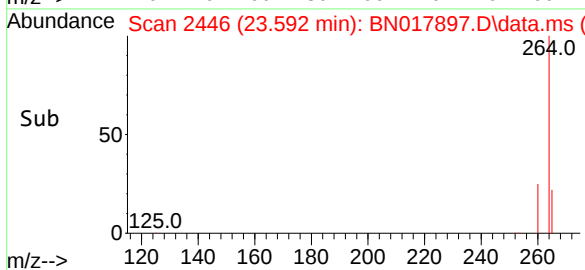
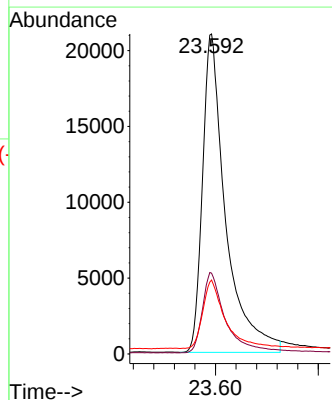
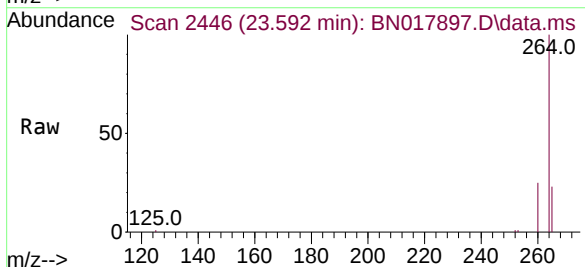
Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20211206

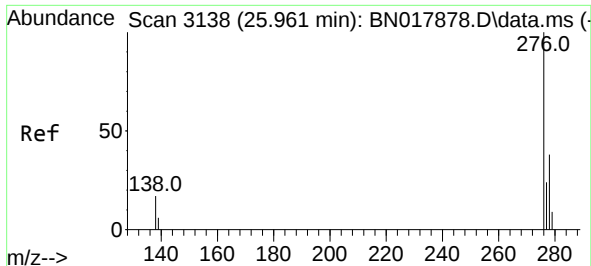
Tgt Ion:	149	Resp:	10483
Ion Ratio	Lower	Upper	
149	100		
167	30.5	23.4	35.0
279	5.1	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2446
 Delta R.T. 0.003 min
 Lab File: BN017897.D
 Acq: 11 Dec 2021 09:18

Tgt Ion:	264	Resp:	65519
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.2	30.4
265	23.1	18.2	27.4

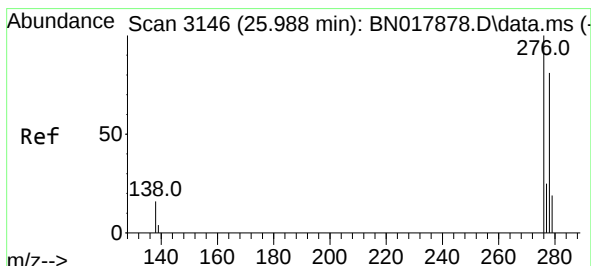
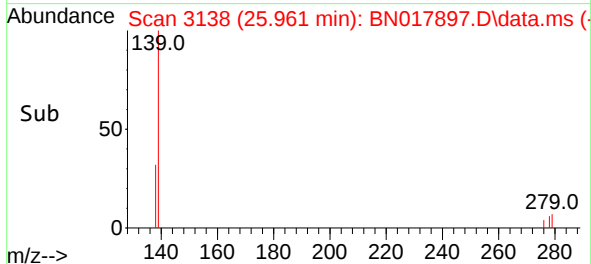
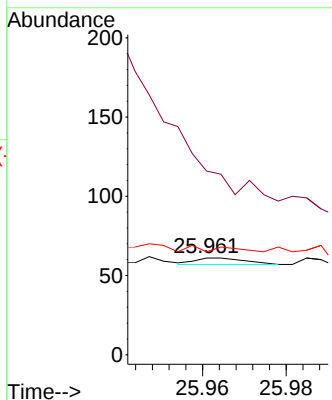
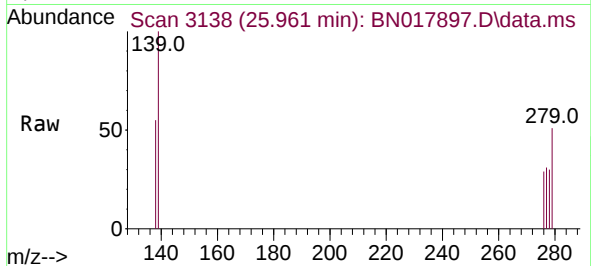




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.961 min Scan# 3138
 Delta R.T. -0.000 min
 Lab File: BN017897.D
 Acq: 11 Dec 2021 09:18

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20211206

Tgt Ion:276 Resp: 3
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 0.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.992 min Scan# 3147
 Delta R.T. 0.004 min
 Lab File: BN017897.D
 Acq: 11 Dec 2021 09:18

Tgt Ion:278 Resp: 2
 Ion Ratio Lower Upper
 278 100
 139 206.3 12.0 18.0#
 279 168.8 20.8 31.2#

