

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
 Data File : BN016856.D
 Acq On : 08 Oct 2021 22:22
 Operator : CG/JU
 Sample : M4130-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 09 00:31:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 15:46:07 2021
 Response via : Initial Calibration

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

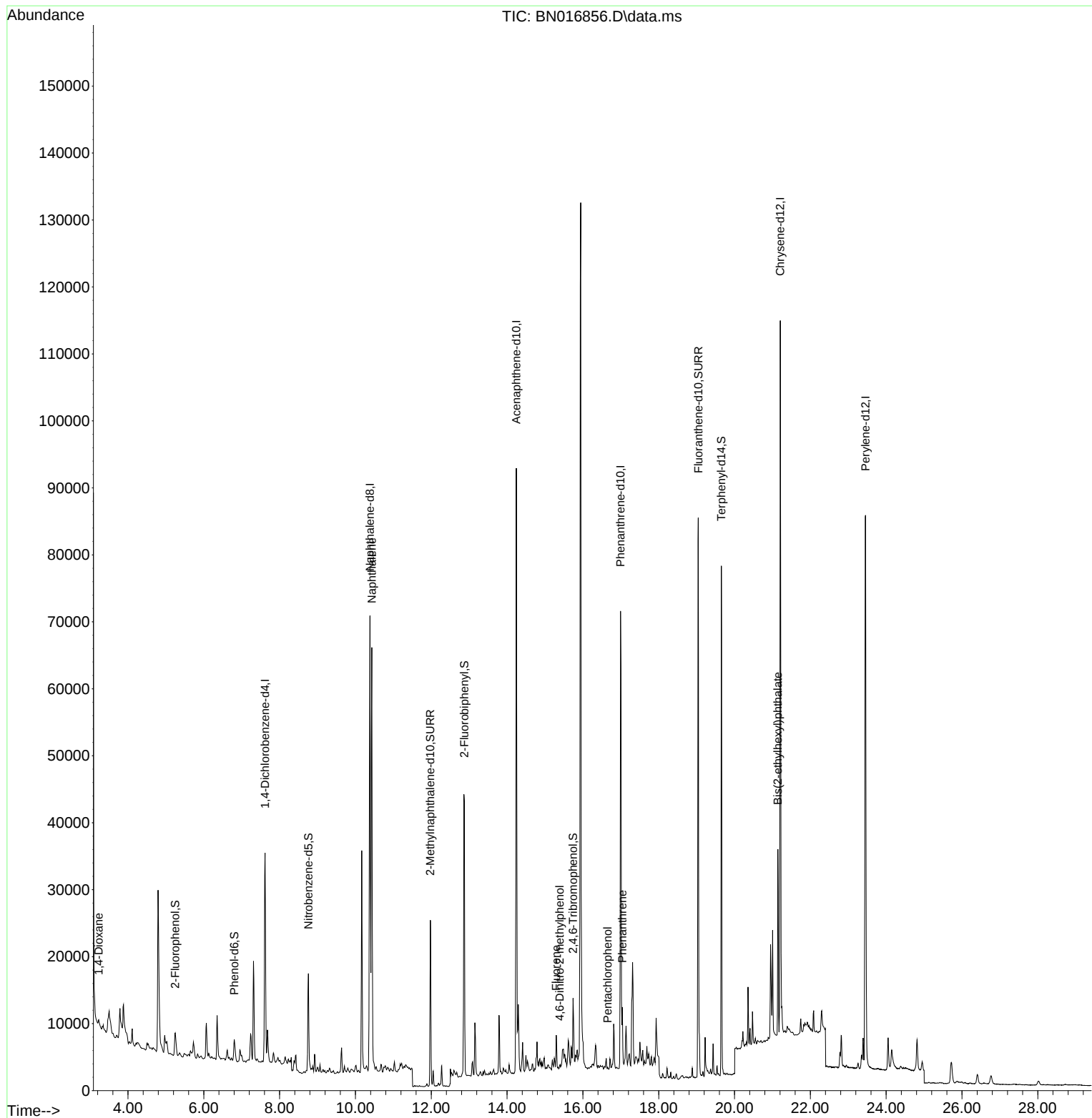
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	19486	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	89655	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	49303	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	96672	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	100437	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	109815	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	5075	0.104	ng	0.00
5) Phenol-d6	6.803	99	3335	0.060	ng	0.00
8) Nitrobenzene-d5	8.759	82	13890	0.221	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	33093	0.248	ng	0.00
14) 2,4,6-Tribromophenol	15.741	330	7817	0.306	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	42498	0.214	ng	0.00
27) Fluoranthene-d10	19.043	212	92671	0.345	ng	0.00
31) Terphenyl-d14	19.654	244	74451	0.340	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.226	88	236	0.027	ng	# 55
9) Naphthalene	10.432	128	82799	0.339	ng	100
18) Fluorene	15.296	166	3836	0.022	ng	84
20) 4,6-Dinitro-2-methylph...	15.385	198	33	0.209	ng	# 1
24) Pentachlorophenol	16.652	266	129	0.108	ng	98
25) Phenanthrene	17.042	178	10819	0.038	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.142	149	26131	0.166	ng	98

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

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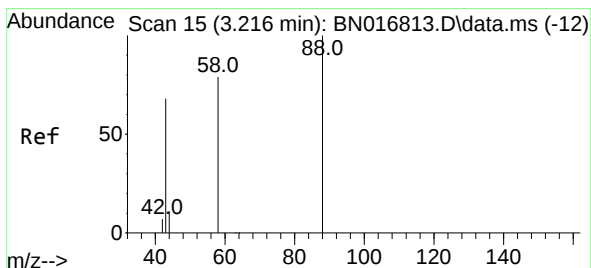
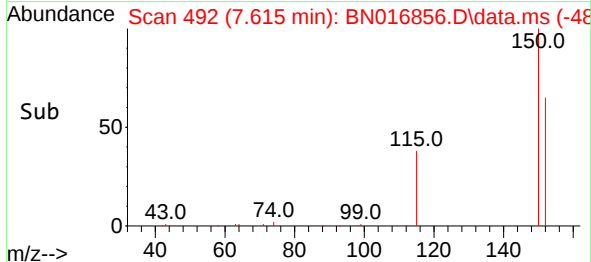
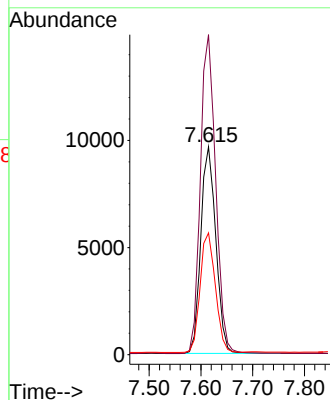
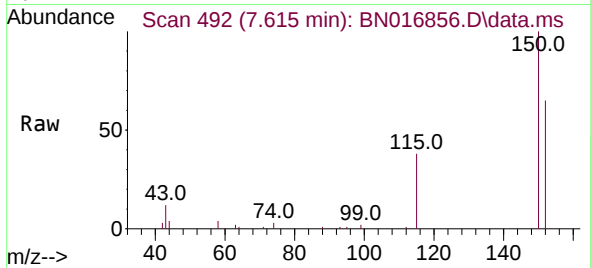




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

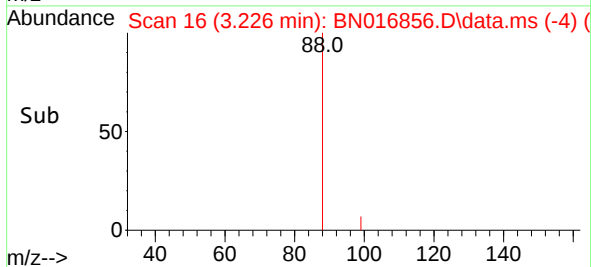
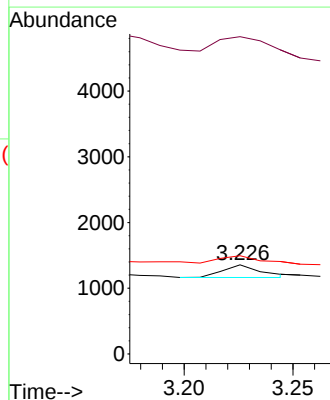
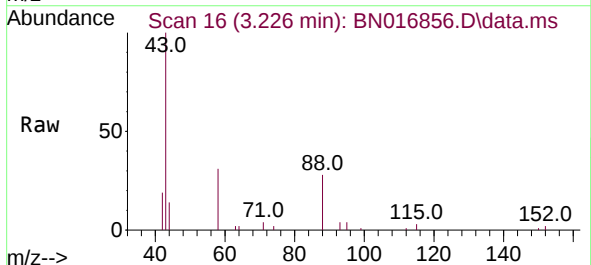
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

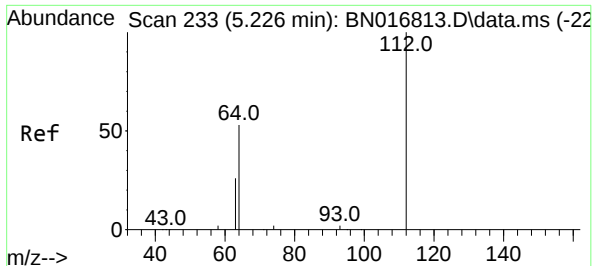
Tgt Ion:152 Resp: 19486
Ion Ratio Lower Upper
152 100
150 154.0 123.3 184.9
115 58.6 47.0 70.6



#2
1,4-Dioxane
Concen: 0.027 ng
RT: 3.226 min Scan# 16
Delta R.T. 0.010 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

Tgt Ion: 88 Resp: 236
Ion Ratio Lower Upper
88 100
43 132.6 61.7 92.5#
58 55.9 62.2 93.2#

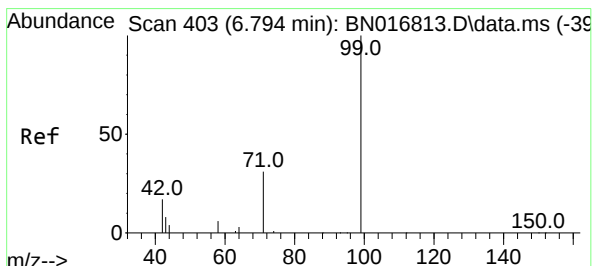
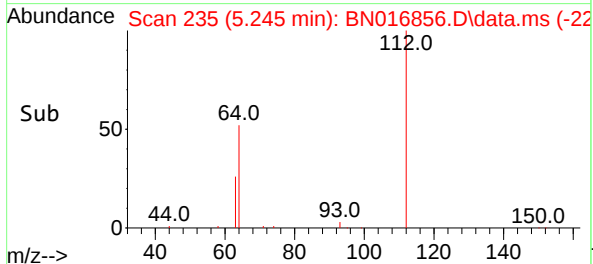
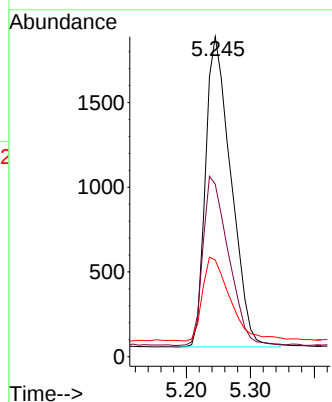
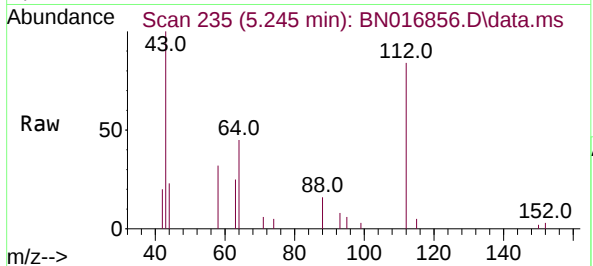




#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.010 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

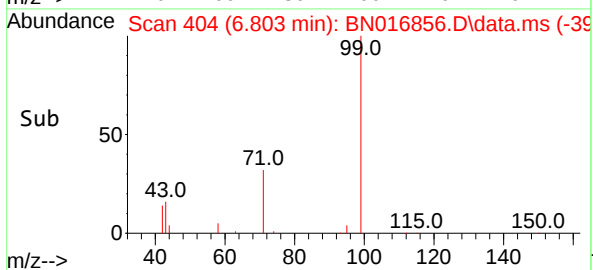
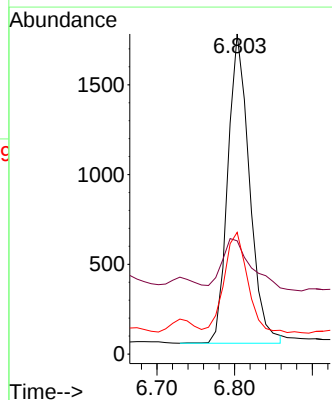
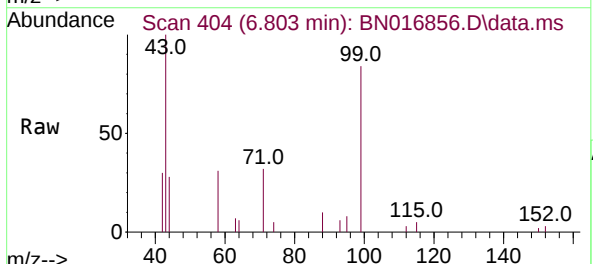
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

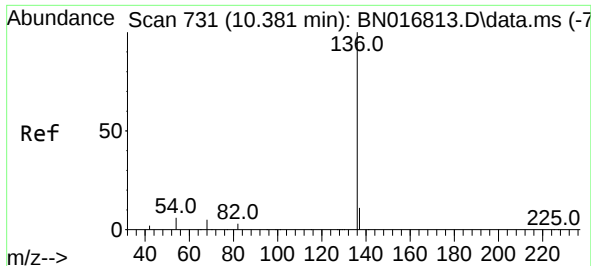
Tgt Ion:	112	Resp:	5075
Ion	Ratio	Lower	Upper
112	100		
64	54.7	42.9	64.3
63	29.4	21.5	32.3



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.010 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

Tgt Ion:	99	Resp:	3335
Ion	Ratio	Lower	Upper
99	100		
42	20.1	13.4	20.2
71	33.1	24.0	36.0

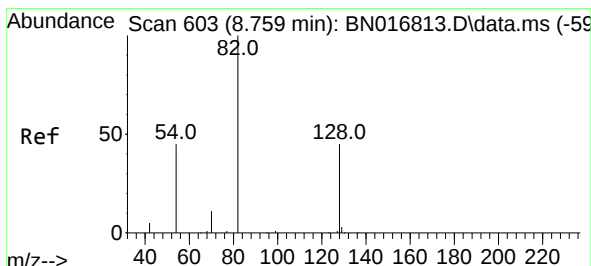
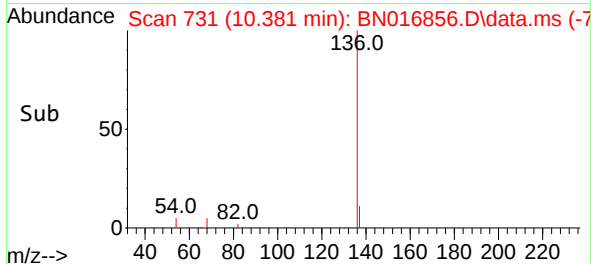
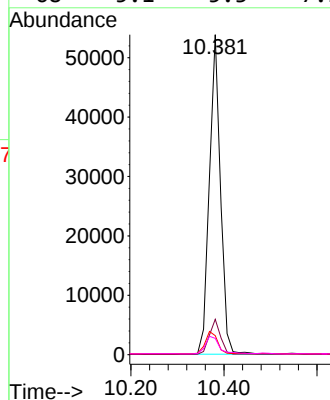
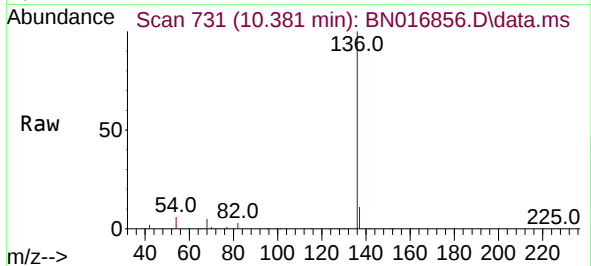




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

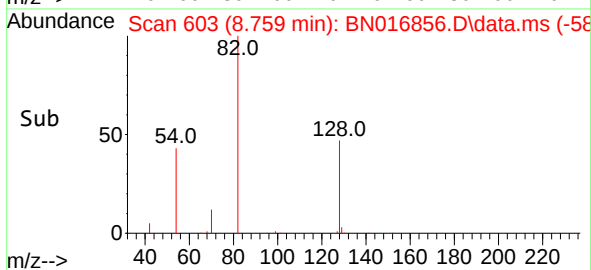
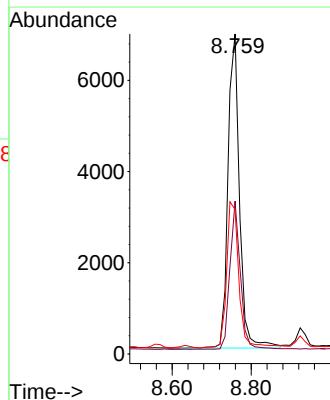
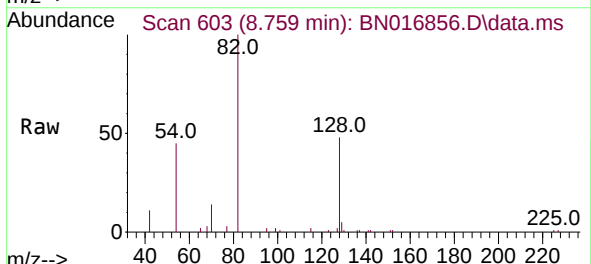
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

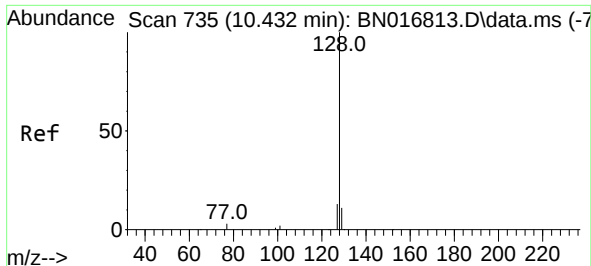
Tgt Ion:	136	Resp:	89655
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	5.9	6.5	9.7#
68	5.1	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.221 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

Tgt Ion:	82	Resp:	13890
Ion Ratio	Lower	Upper	
82	100		
128	47.7	33.8	50.6
54	45.2	38.5	57.7

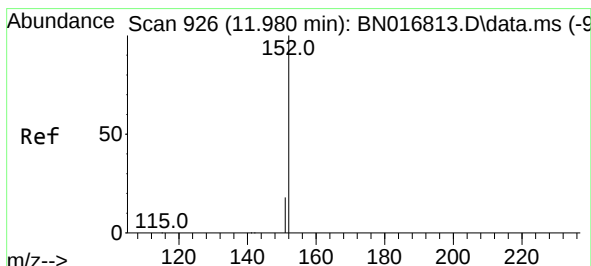
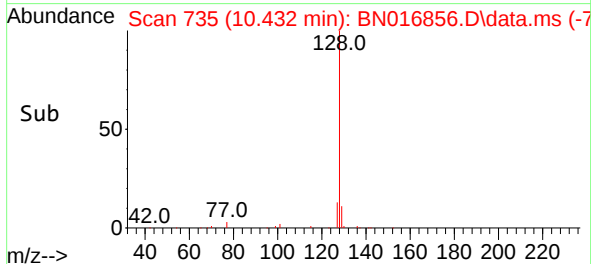
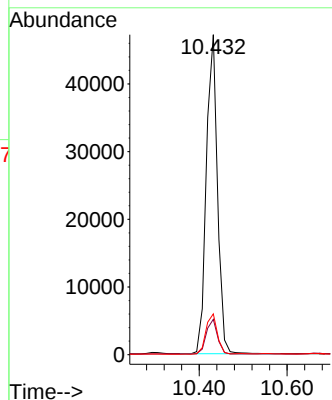
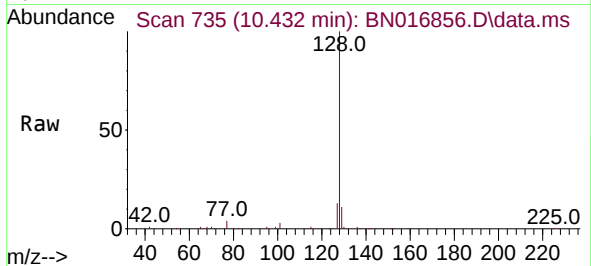




#9
Naphthalene
Concen: 0.339 ng
RT: 10.432 min Scan# 735
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

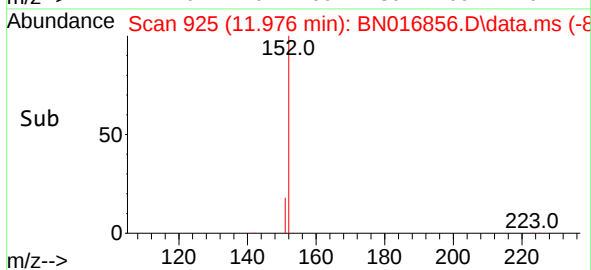
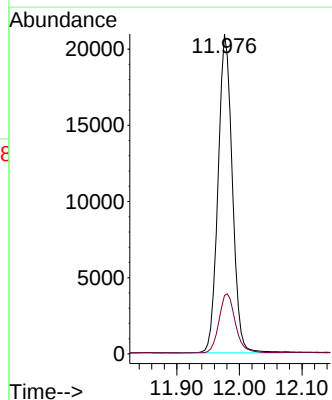
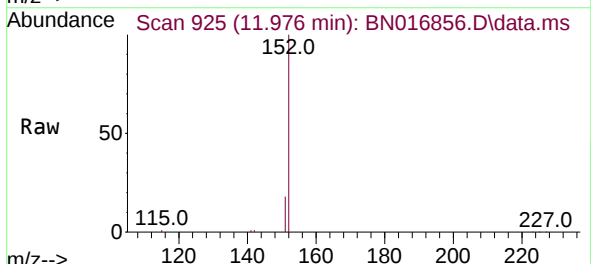
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

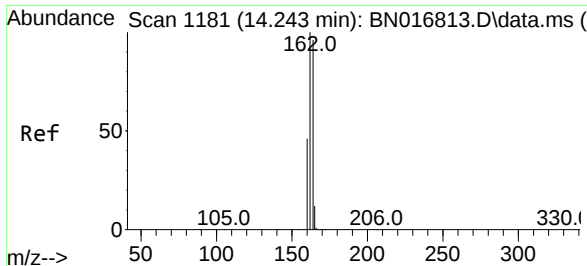
Tgt Ion:128 Resp: 82799
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.8 10.3 15.5



#11
2-Methylnaphthalene-d10
Concen: 0.248 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

Tgt Ion:152 Resp: 33093
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4

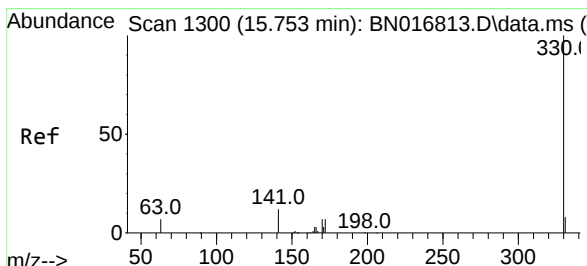
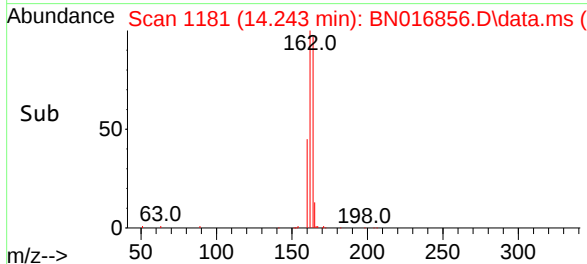
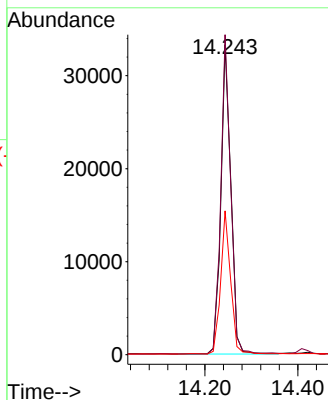
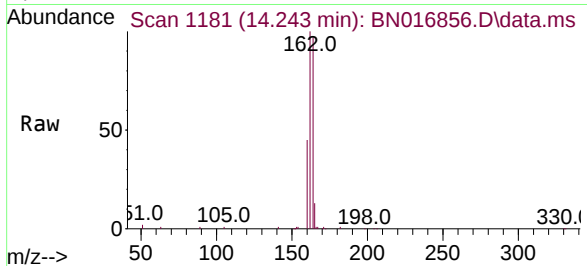




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

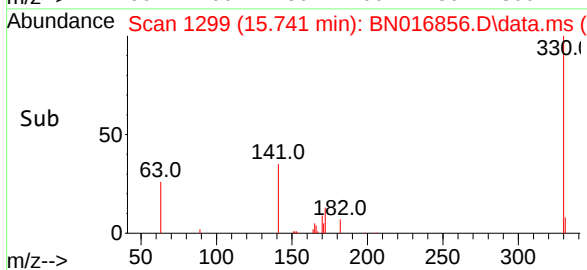
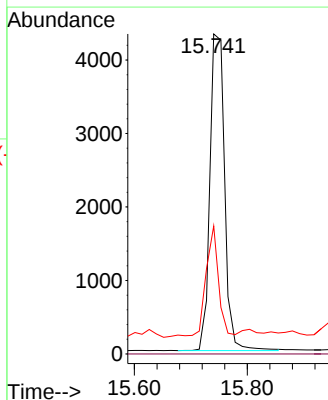
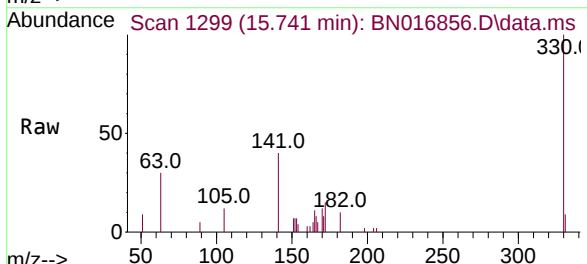
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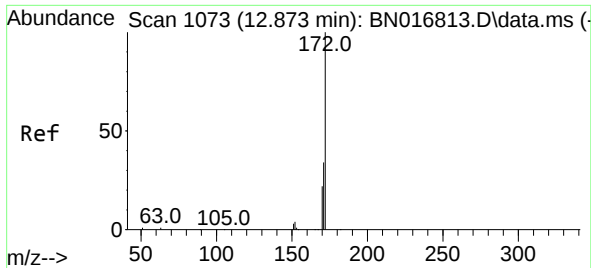
Tgt Ion:164 Resp: 49303
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 46.4 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.741 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

Tgt Ion:330 Resp: 7817
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.3 24.2 36.2

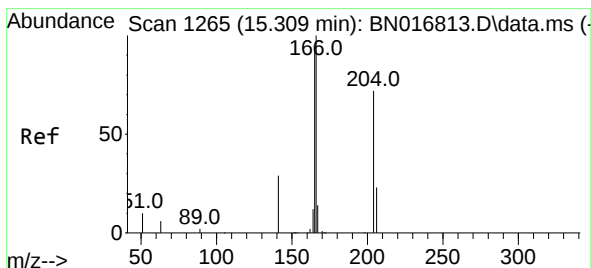
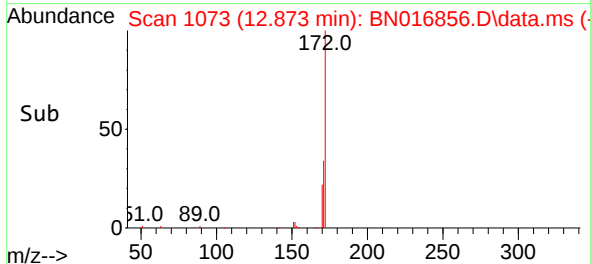
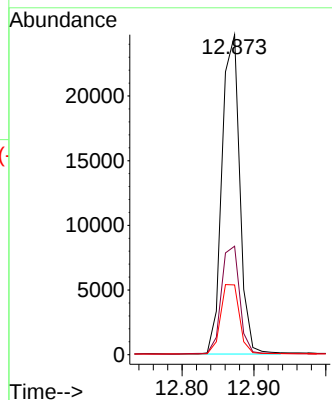
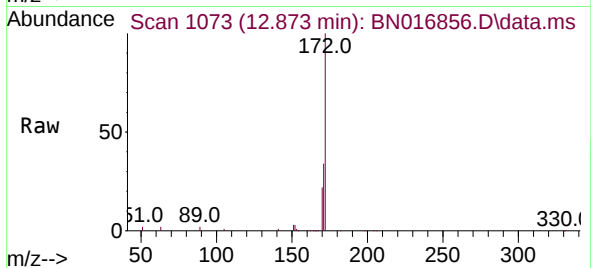




#15
2-Fluorobiphenyl
Concen: 0.214 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

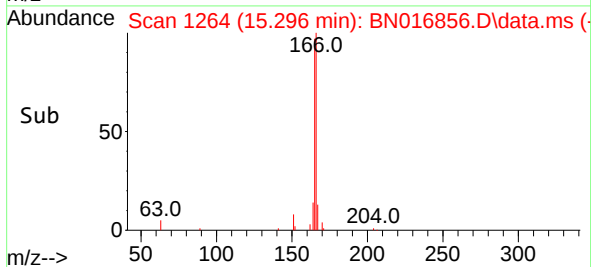
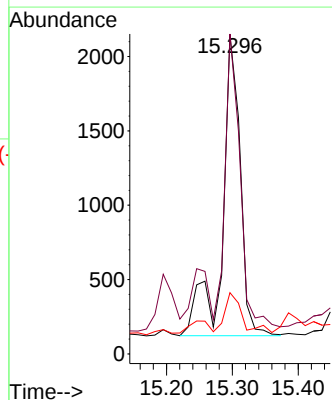
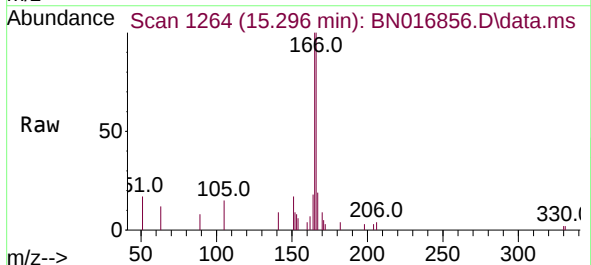
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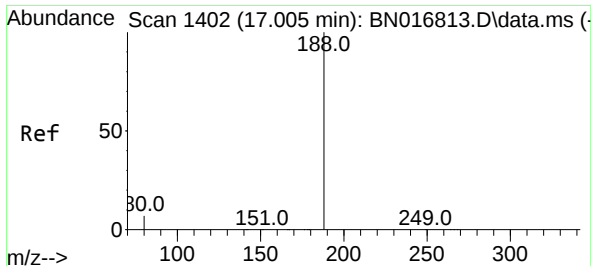
Tgt Ion:	172	Resp:	42498
Ion Ratio	Lower	Upper	
172	100		
171	33.9	26.9	40.3
170	21.8	17.4	26.0



#18
Fluorene
Concen: 0.022 ng
RT: 15.296 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

Tgt Ion:	166	Resp:	3836
Ion Ratio	Lower	Upper	
166	100		
165	80.3	78.1	117.1
167	10.8	10.7	16.1

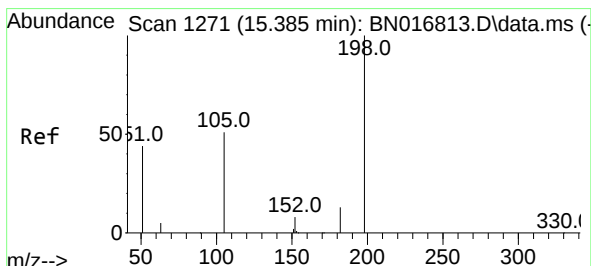
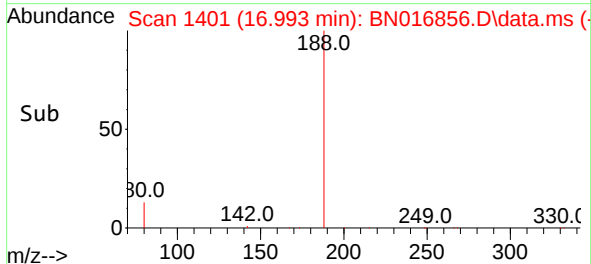
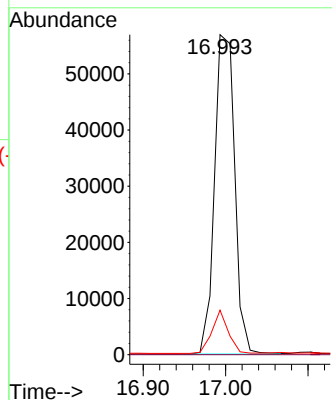
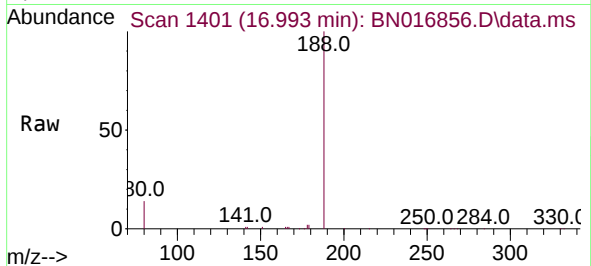




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

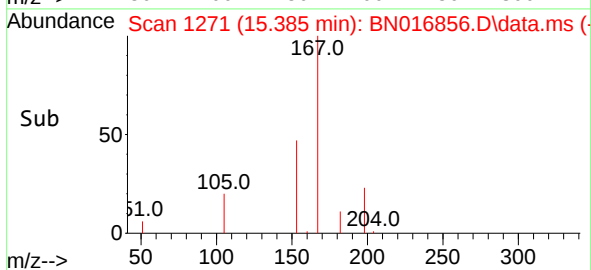
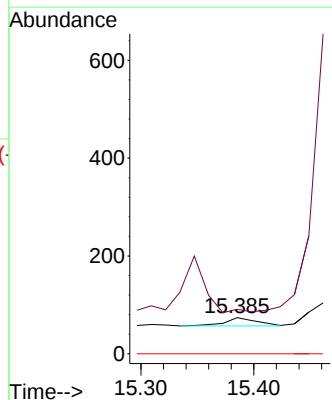
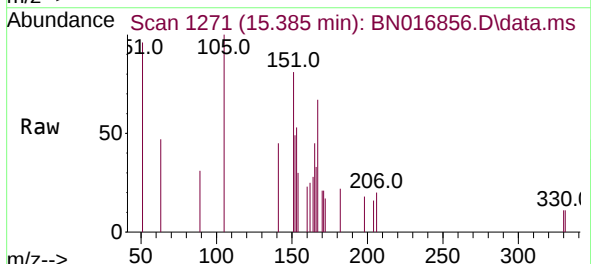
Instrument :
BNA_N
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SW-RR-03-(SA)

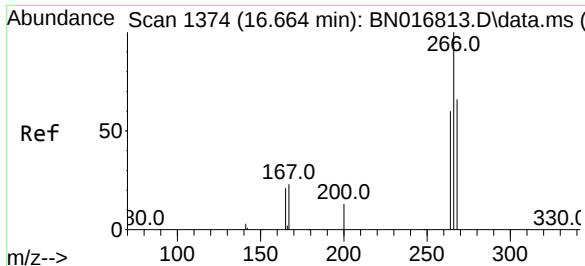
Tgt Ion:188 Resp: 96672
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 5.8 8.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.209 ng
RT: 15.385 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

Tgt Ion:198 Resp: 33
Ion Ratio Lower Upper
198 100
182 123.0 26.2 39.2#
77 0.0 0.0 0.0

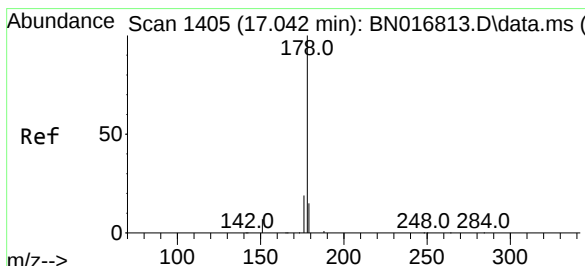
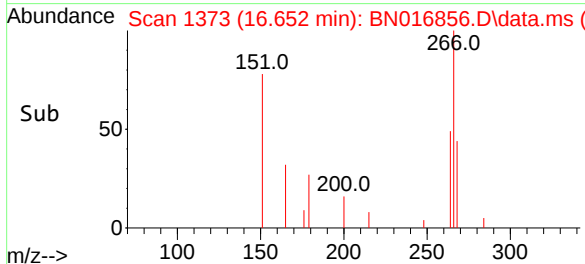
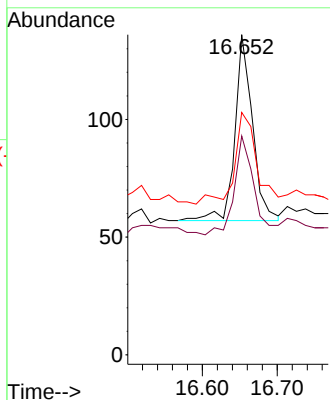
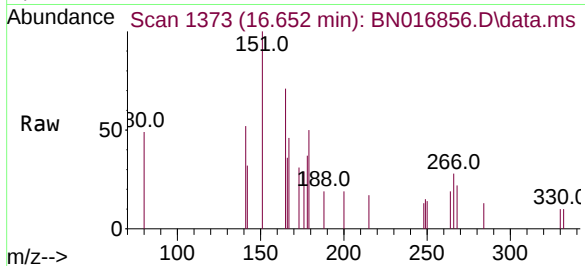




#24
Pentachlorophenol
Concen: 0.108 ng
RT: 16.652 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

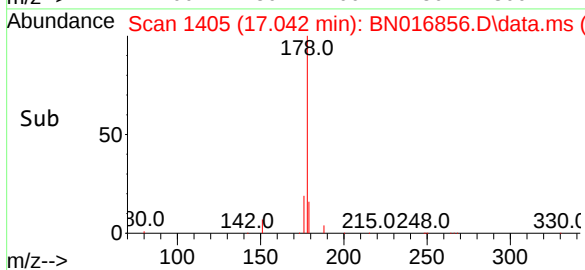
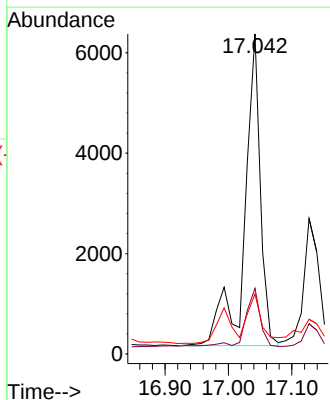
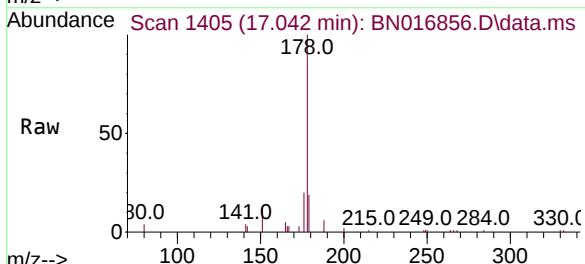
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

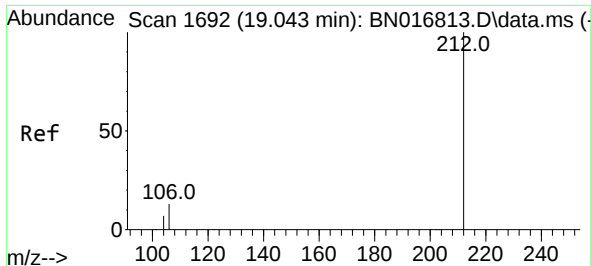
Tgt Ion:	266	Resp:	129
Ion Ratio	Lower	Upper	
266	100		
264	59.7	49.3	73.9
268	64.3	51.8	77.8



#25
Phenanthrene
Concen: 0.038 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

Tgt Ion:	178	Resp:	10819
Ion Ratio	Lower	Upper	
178	100		
176	16.9	15.0	22.6
179	11.7	12.4	18.6

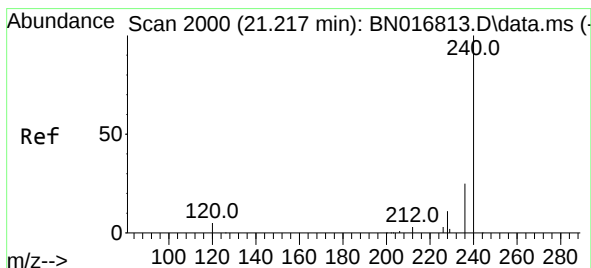
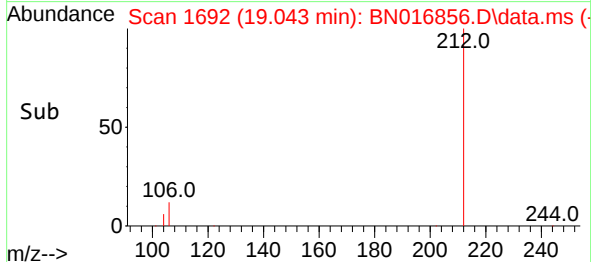
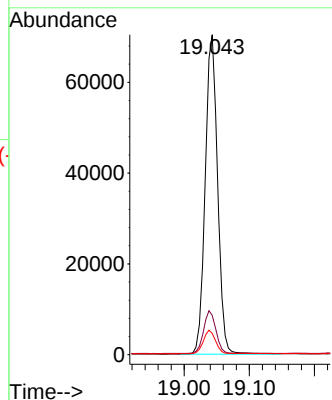
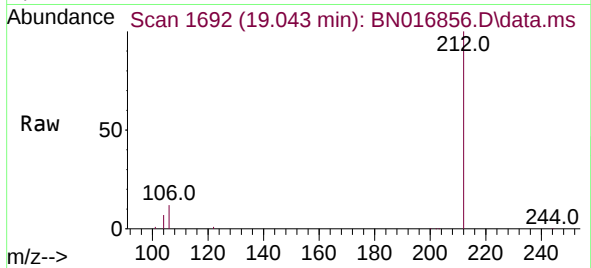




#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

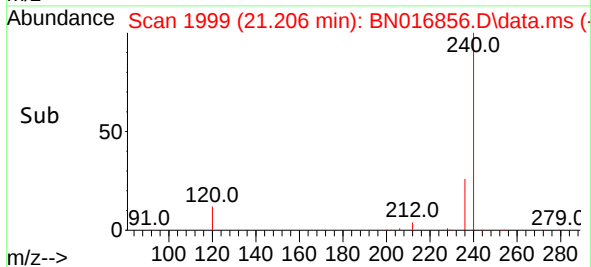
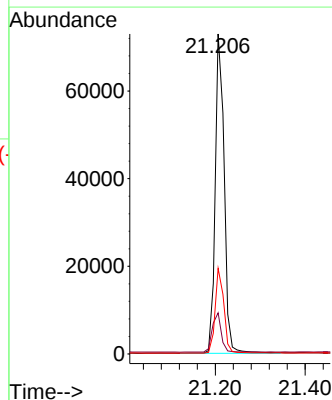
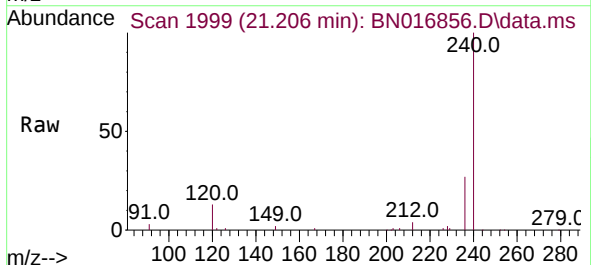
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

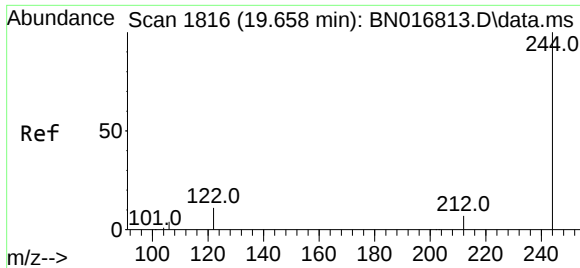
Tgt Ion:212 Resp: 92671
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.3 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN016856.D
Acq: 08 Oct 2021 22:22

Tgt Ion:240 Resp: 100437
Ion Ratio Lower Upper
240 100
120 12.9 6.6 10.0#
236 26.7 20.7 31.1

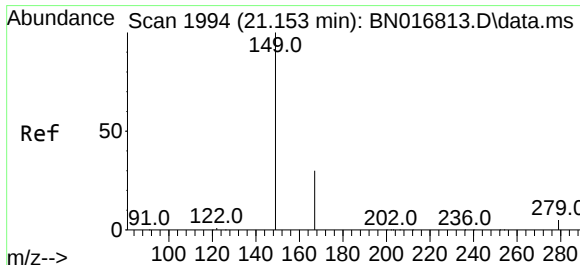
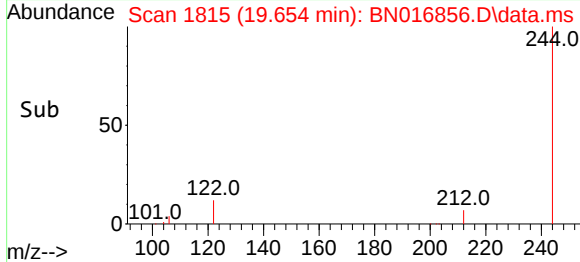
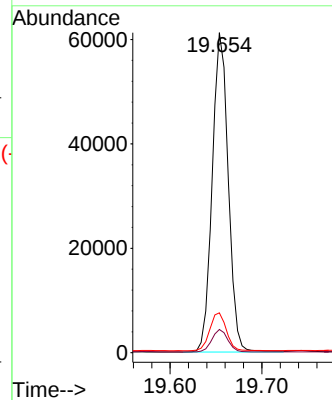
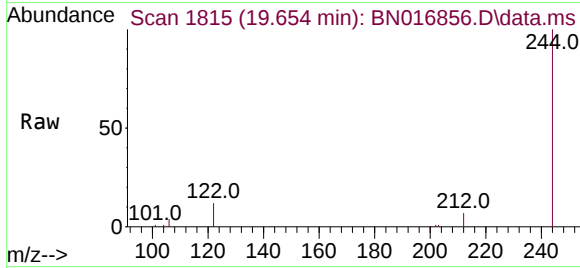




#31
 Terphenyl-d14
 Concen: 0.340 ng
 RT: 19.654 min Scan# 1815
 Delta R.T. -0.005 min
 Lab File: BN016856.D
 Acq: 08 Oct 2021 22:22

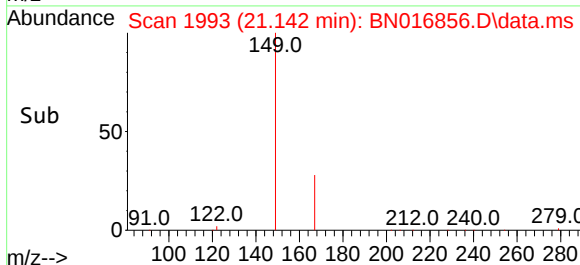
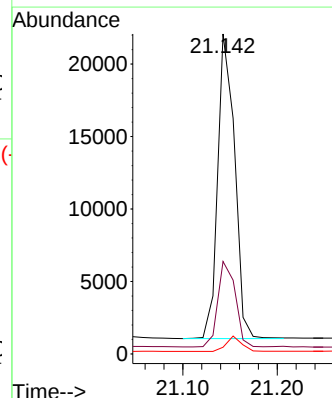
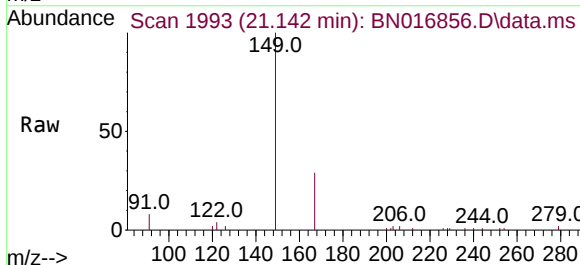
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

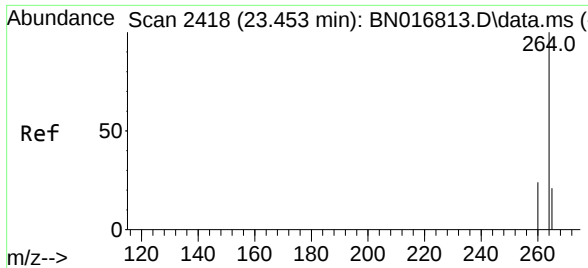
Tgt Ion:244	Resp:	74451
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.8 8.6
122	12.5	8.9 13.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.166 ng
 RT: 21.142 min Scan# 1993
 Delta R.T. -0.010 min
 Lab File: BN016856.D
 Acq: 08 Oct 2021 22:22

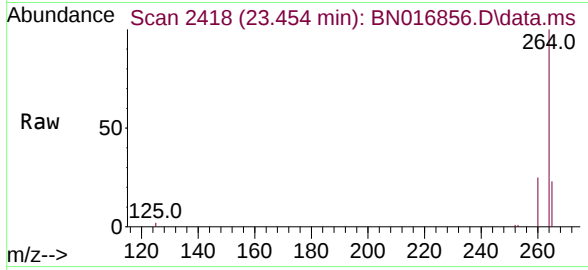
Tgt Ion:149	Resp:	26131
Ion Ratio	Lower	Upper
149	100	
167	29.0	22.2 33.4
279	4.6	3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.454 min Scan# 2418
 Delta R.T. 0.000 min
 Lab File: BN016856.D
 Acq: 08 Oct 2021 22:22

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



Tgt Ion:264 Resp: 109815

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	23.3	20.3	30.5

