

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016311.D
 Acq On : 18 Sep 2021 00:06
 Operator : CG/JU
 Sample : M3774-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

Quant Time: Sep 18 02:08:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 23:59:14 2021
 Response via : Initial Calibration

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

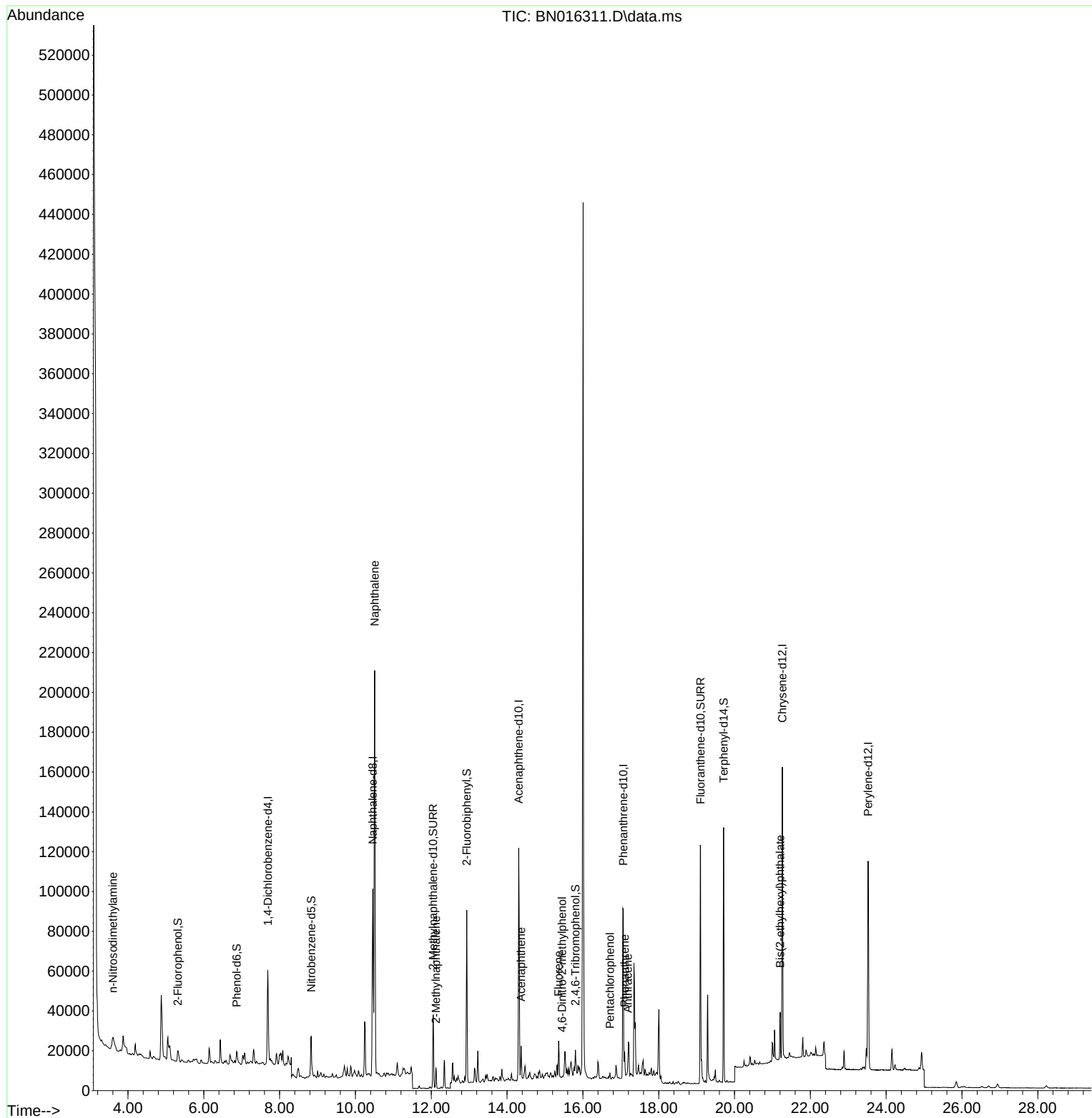
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	26466	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	119812	0.400	ng	# 0.00
13) Acenaphthene-d10	14.307	164	67595	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	129127	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	133021	0.400	ng	# 0.00
35) Perylene-d12	23.526	264	136969	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	7684	0.116	ng	0.02
5) Phenol-d6	6.868	99	5747	0.071	ng	0.00
8) Nitrobenzene-d5	8.835	82	17678	0.248	ng	0.00
11) 2-Methylnaphthalene-d10	12.052	152	49170	0.260	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	7678	0.387	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	68834	0.260	ng	0.00
27) Fluoranthene-d10	19.103	212	134781	0.361	ng	0.00
31) Terphenyl-d14	19.713	244	131496	0.427	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.604	42	2660	0.106	ng	# 1
9) Naphthalene	10.508	128	261738	0.811	ng	100
12) 2-Methylnaphthalene	12.123	142	7358	0.034	ng	# 95
17) Acenaphthene	14.370	154	7607	0.039	ng	95
18) Fluorene	15.360	166	14434	0.060	ng	# 97
20) 4,6-Dinitro-2-methylph...	15.449	198	216	0.180	ng	# 34
24) Pentachlorophenol	16.713	266	1239	0.052	ng	99
25) Phenanthrene	17.103	178	13898	0.038	ng	# 92
26) Anthracene	17.188	178	9310	0.026	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.206	149	23244	0.101	ng	100

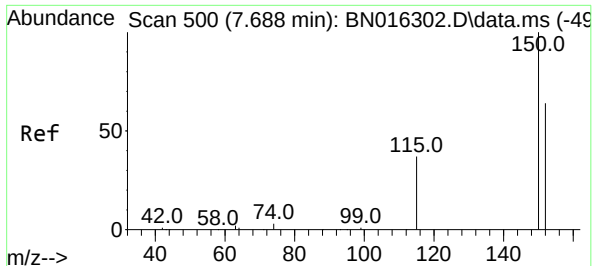
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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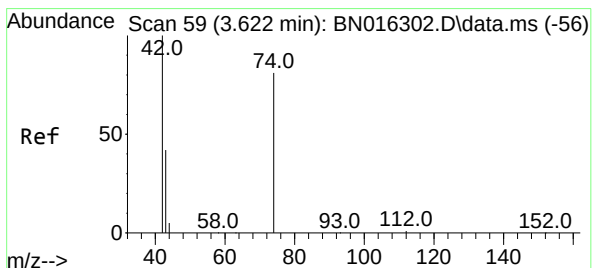
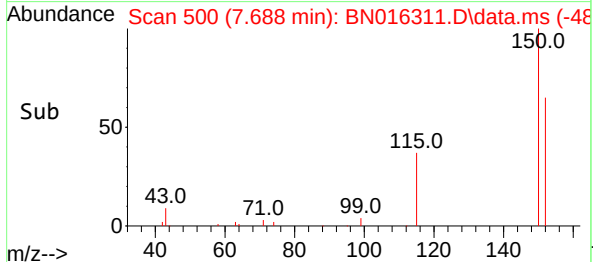
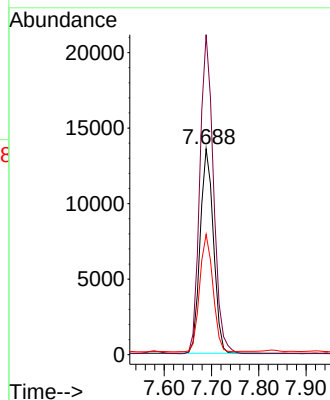
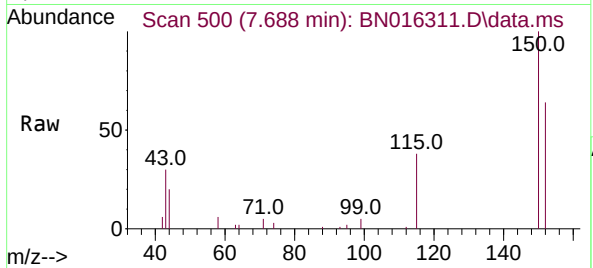




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. 0.000 min
 Lab File: BN016311.D
 Acq: 18 Sep 2021 00:06

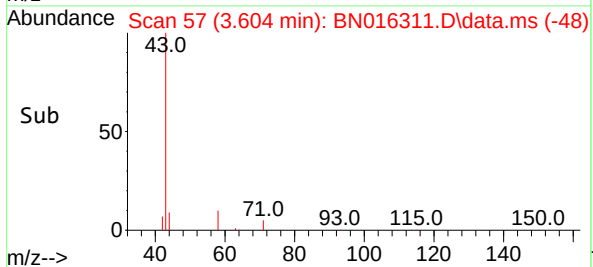
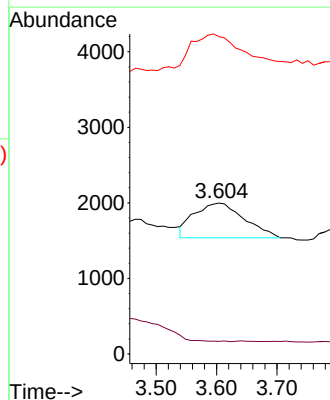
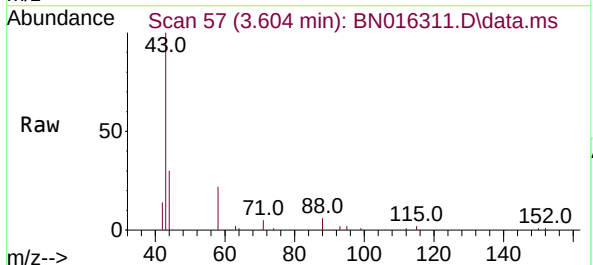
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

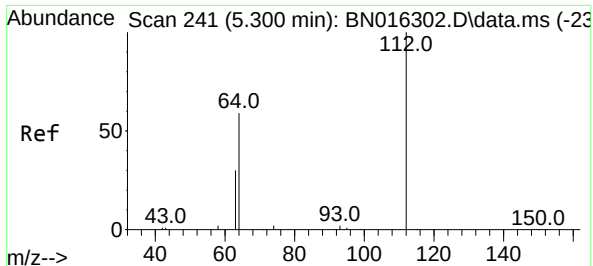
Tgt Ion:152 Resp: 26466
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.6 188.4
 115 58.4 50.2 75.2



#3
 n-Nitrosodimethylamine
 Concen: 0.106 ng
 RT: 3.604 min Scan# 57
 Delta R.T. -0.018 min
 Lab File: BN016311.D
 Acq: 18 Sep 2021 00:06

Tgt Ion: 42 Resp: 2660
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.6 170.4#
 44 86.7 0.0 0.0#

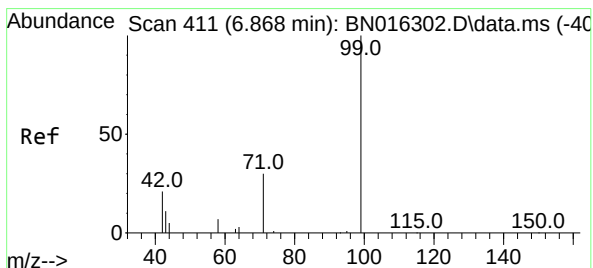
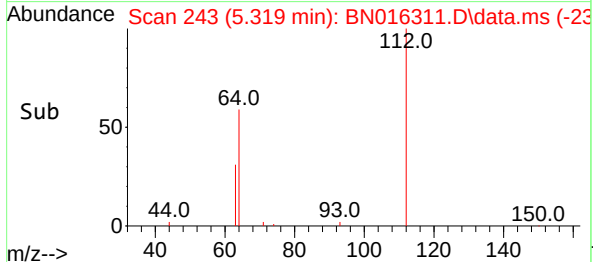
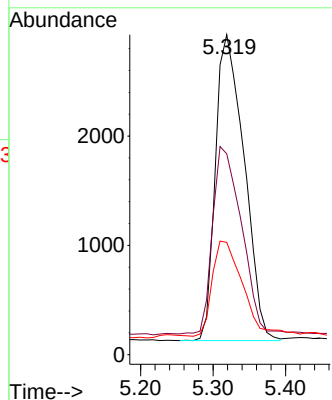
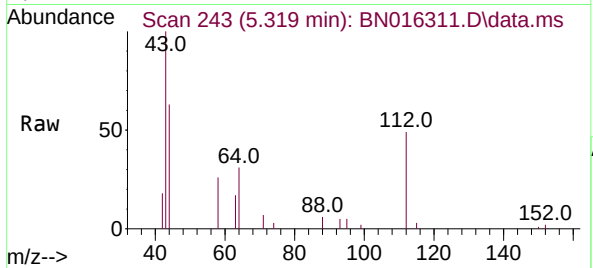




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.019 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

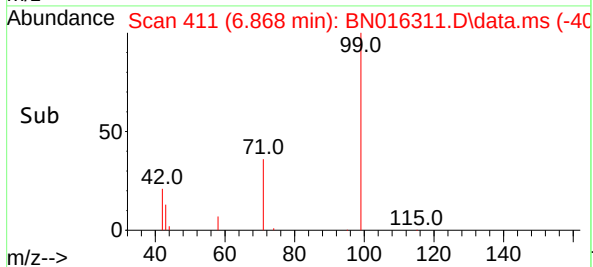
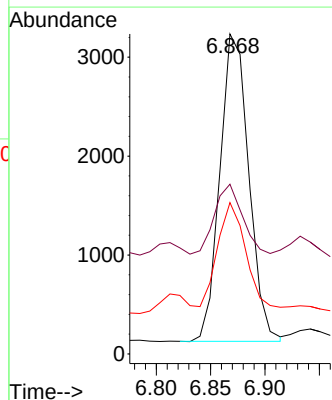
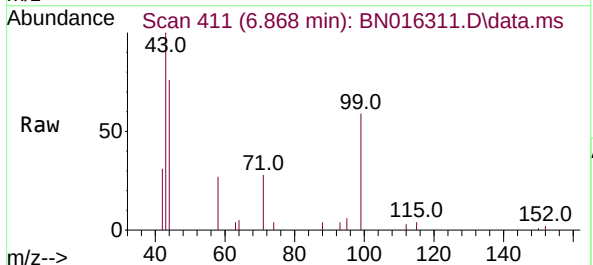
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

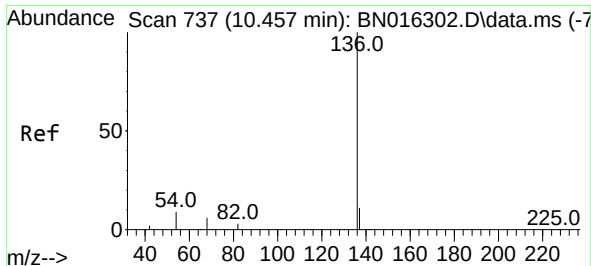
Tgt Ion:112 Resp: 7684
Ion Ratio Lower Upper
112 100
64 62.9 47.3 70.9
63 33.4 23.4 35.0



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

Tgt Ion: 99 Resp: 5747
Ion Ratio Lower Upper
99 100
42 21.9 14.0 21.0#
71 33.6 23.8 35.6

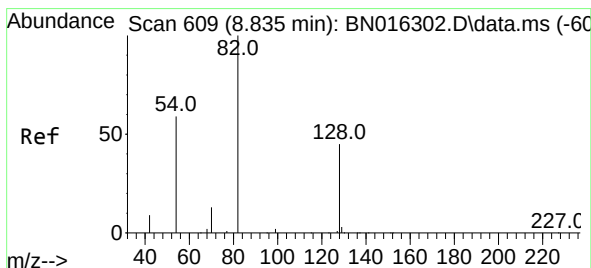
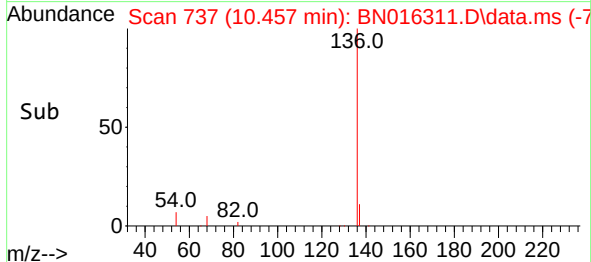
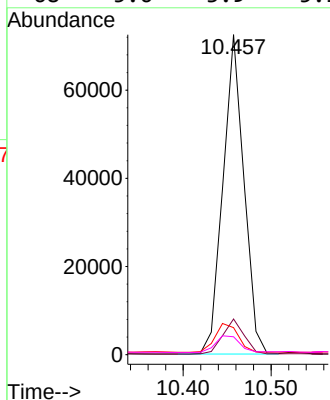
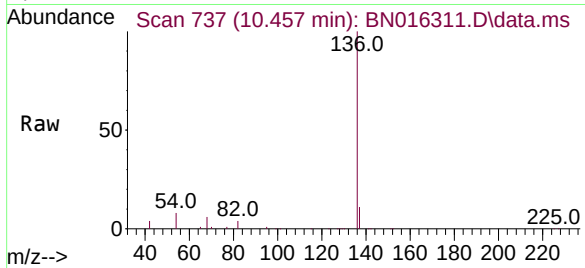




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

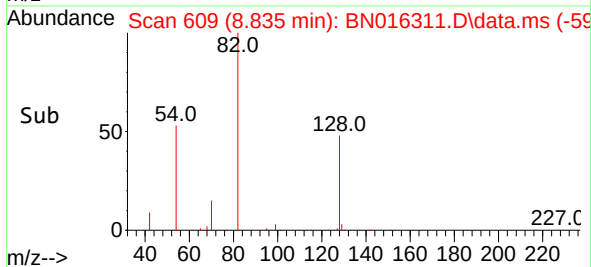
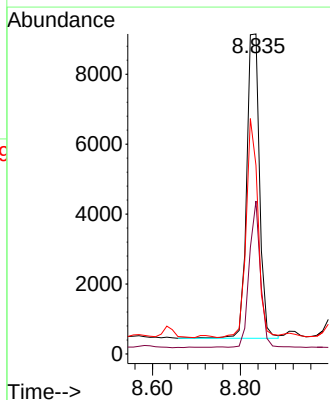
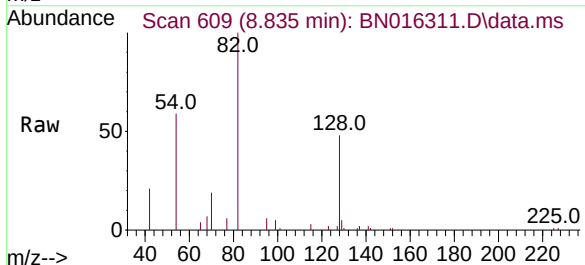
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

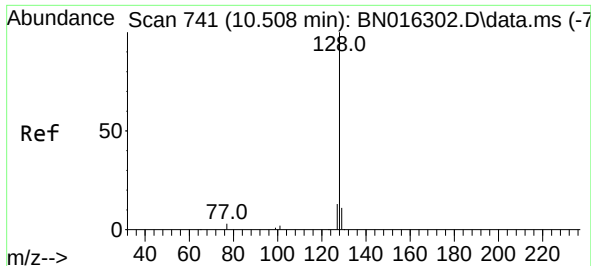
Tgt Ion:	136	Resp:	119812
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.4	5.3	7.9#
68	5.6	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

Tgt Ion:	82	Resp:	17678
Ion	Ratio	Lower	Upper
82	100		
128	47.8	31.7	47.5#
54	58.9	46.4	69.6

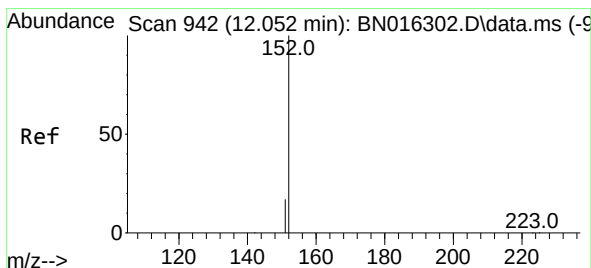
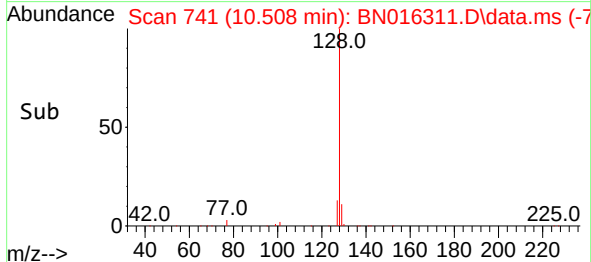
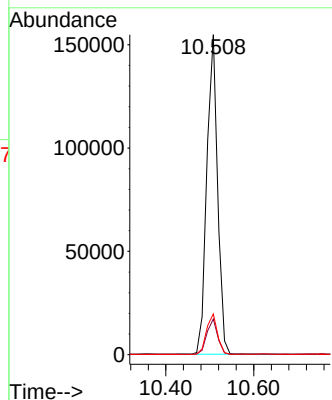
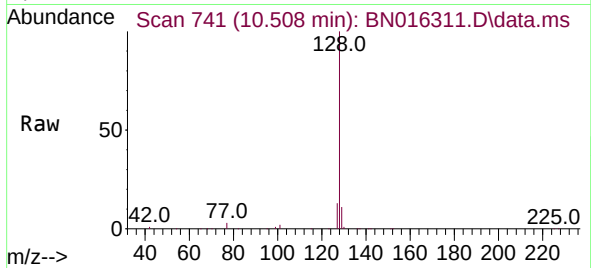




#9
Naphthalene
Concen: 0.811 ng
RT: 10.508 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

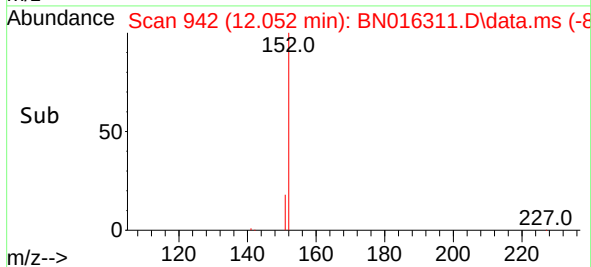
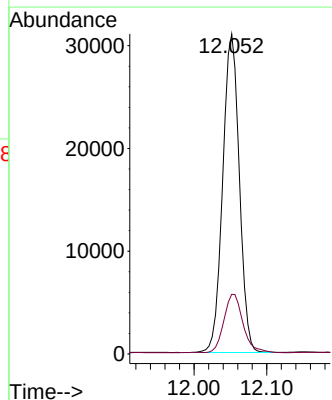
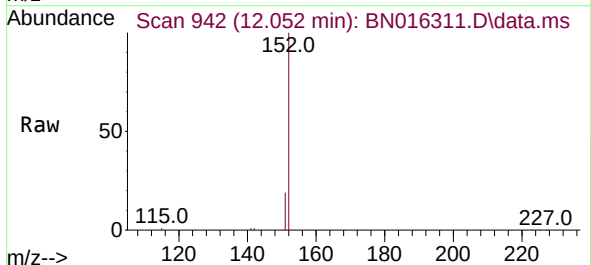
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

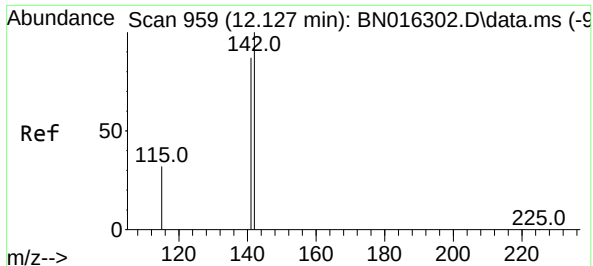
Tgt Ion:128 Resp: 261738
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.7 10.1 15.1



#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.052 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

Tgt Ion:152 Resp: 49170
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1





#12

2-Methylnaphthalene

Concen: 0.034 ng

RT: 12.123 min Scan# 958

Delta R.T. -0.004 min

Lab File: BN016311.D

Acq: 18 Sep 2021 00:06

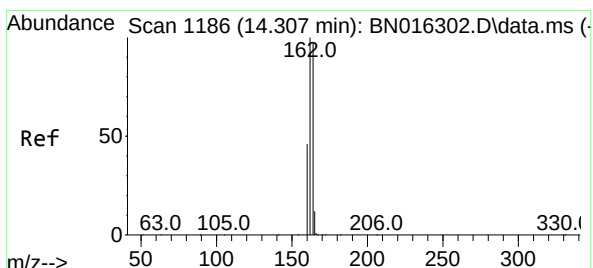
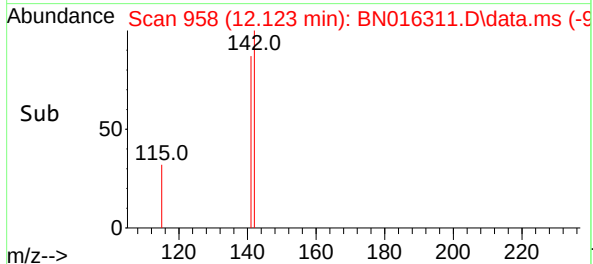
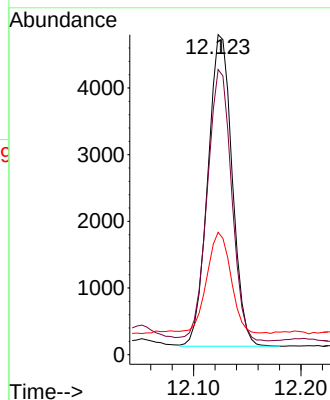
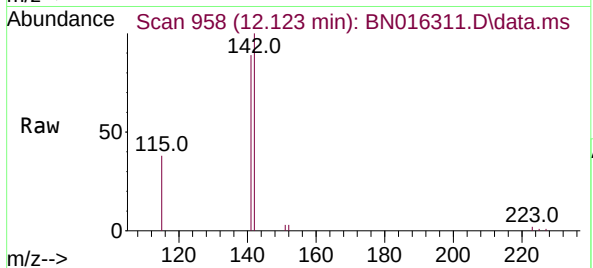
Instrument :

BNA_N

ClientSampleId :

SW-RR-02-(1.0)

Tgt Ion:	142	Resp:	7358
Ion Ratio	Lower	Upper	
142	100		
141	89.1	69.8	104.8
115	38.2	24.4	36.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

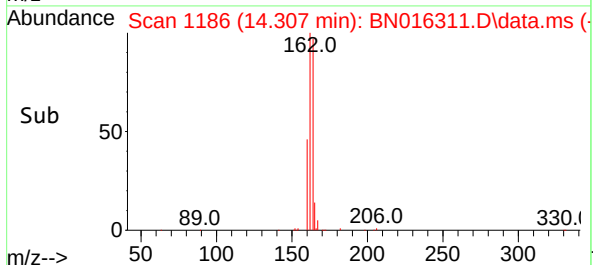
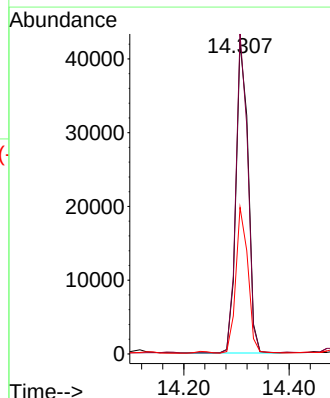
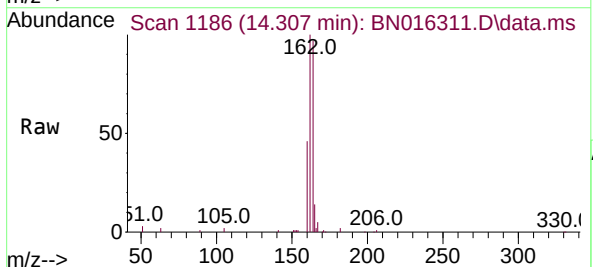
RT: 14.307 min Scan# 1186

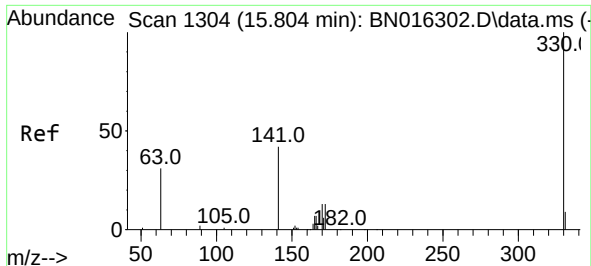
Delta R.T. 0.000 min

Lab File: BN016311.D

Acq: 18 Sep 2021 00:06

Tgt Ion:	164	Resp:	67595
Ion Ratio	Lower	Upper	
164	100		
162	102.6	79.0	118.4
160	47.0	34.1	51.1

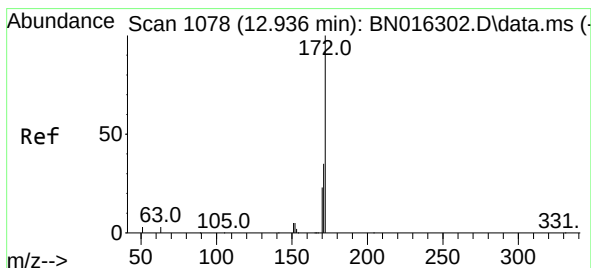
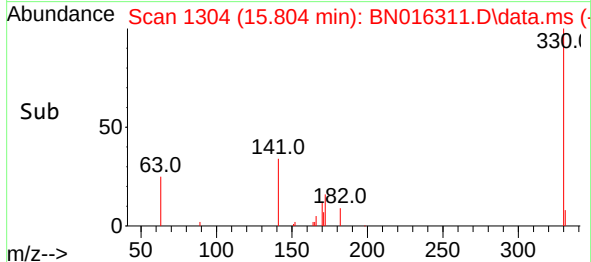
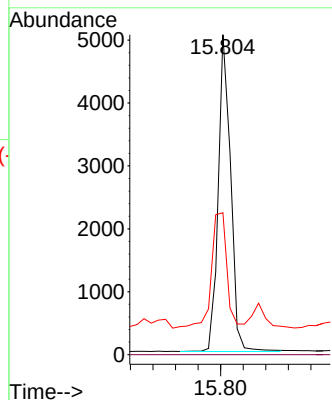
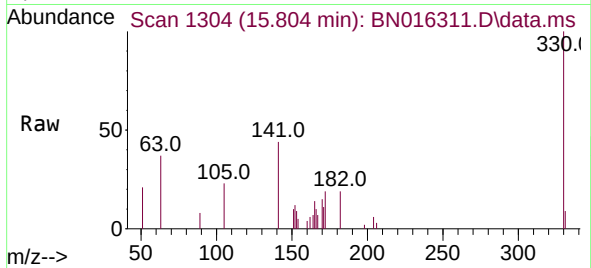




#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

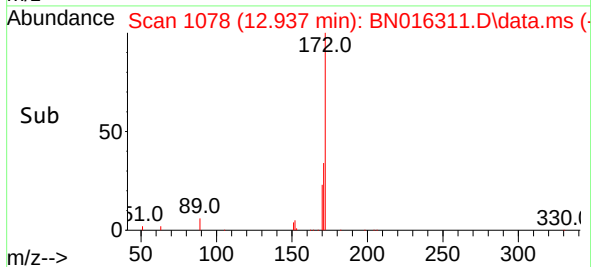
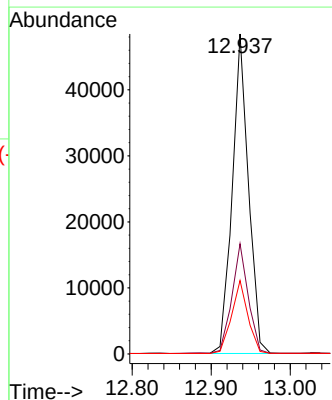
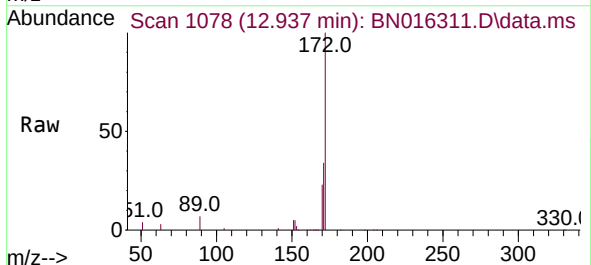
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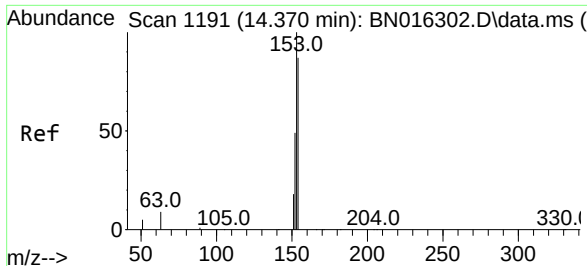
Tgt Ion:330 Resp: 7678
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.3 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

Tgt Ion:172 Resp: 68834
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.0 18.2 27.2

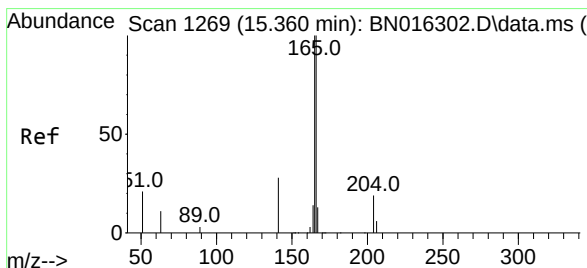
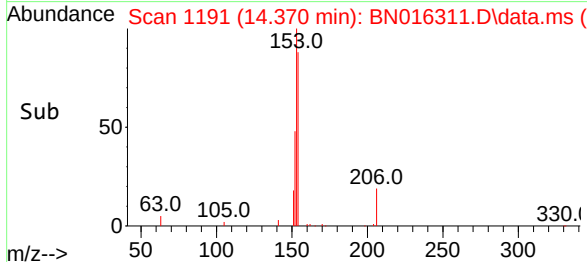
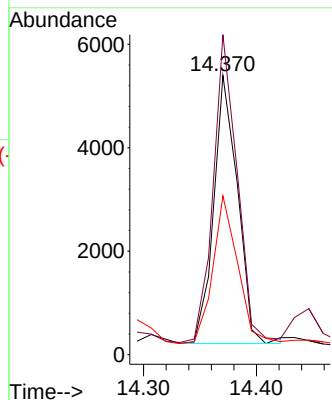
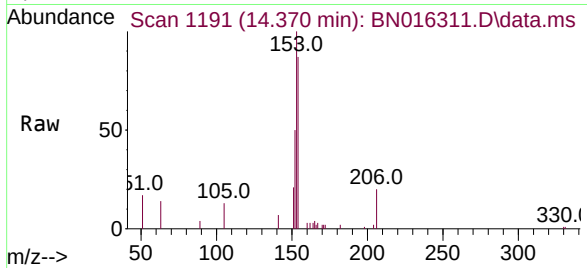




#17
Acenaphthene
Concen: 0.039 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

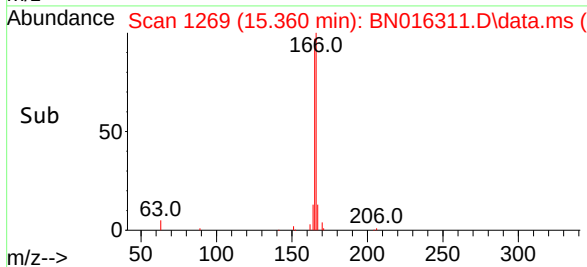
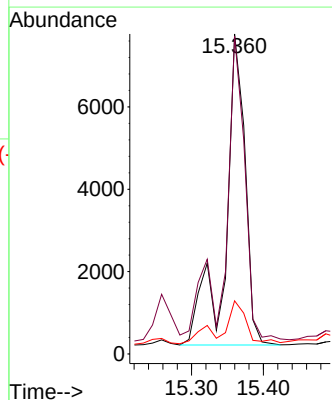
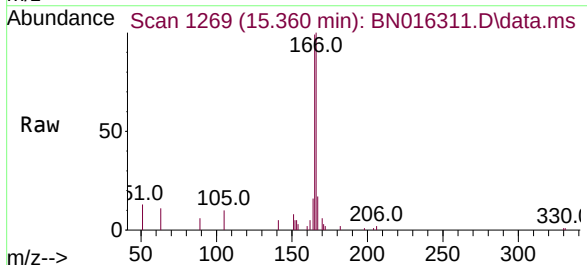
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

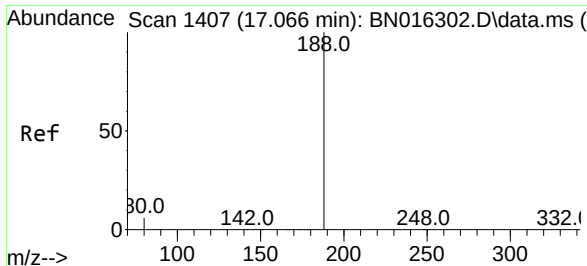
Tgt Ion:154 Resp: 7607
Ion Ratio Lower Upper
154 100
153 115.0 89.3 133.9
152 59.3 42.2 63.4



#18
Fluorene
Concen: 0.060 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

Tgt Ion:166 Resp: 14434
Ion Ratio Lower Upper
166 100
165 97.9 76.7 115.1
167 17.5 10.9 16.3#

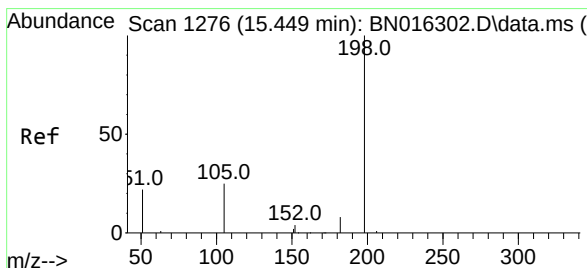
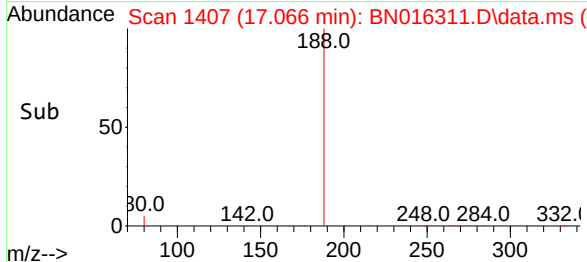
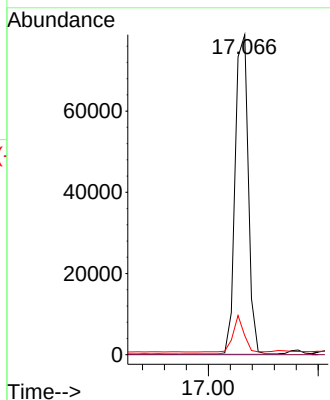
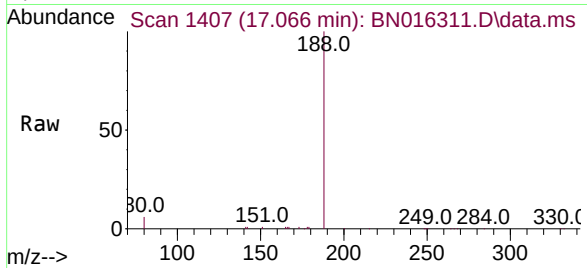




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

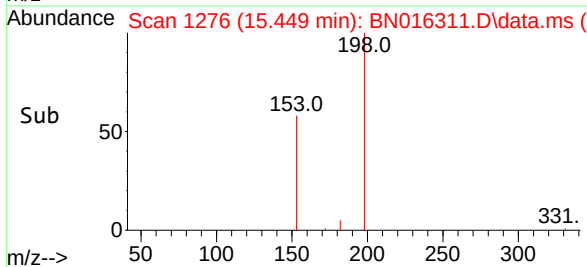
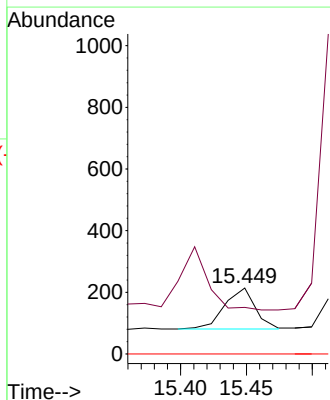
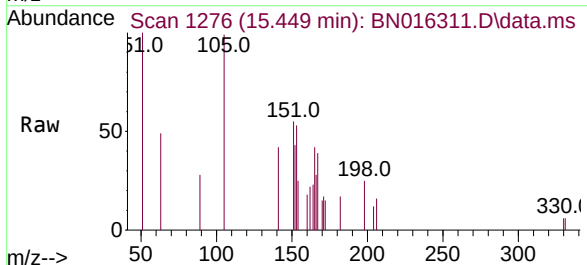
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

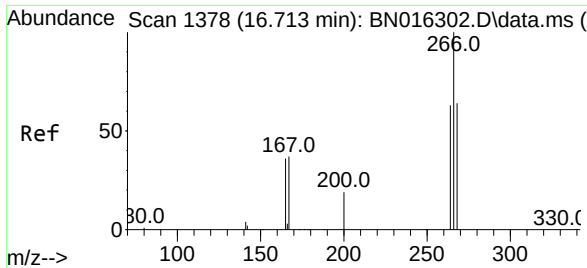
Tgt Ion:188 Resp: 129127
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.0 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

Tgt Ion:198 Resp: 216
Ion Ratio Lower Upper
198 100
182 70.6 26.6 39.8#
77 0.0 0.0 0.0

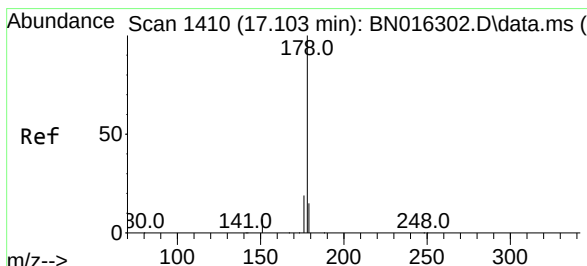
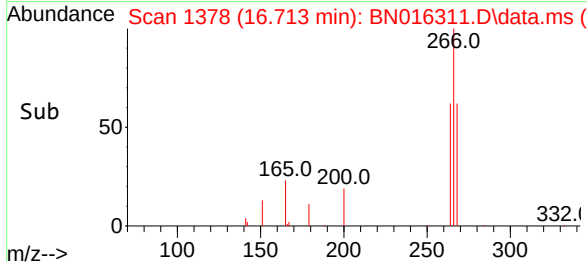
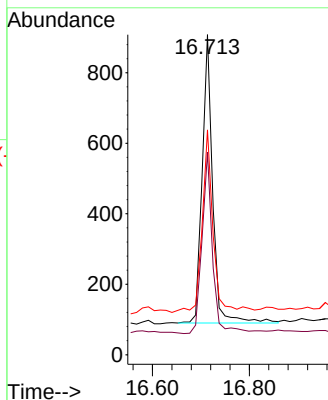
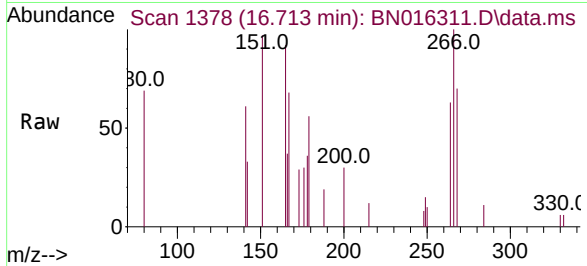




#24
 Pentachlorophenol
 Concen: 0.052 ng
 RT: 16.713 min Scan# 1378
 Delta R.T. 0.000 min
 Lab File: BN016311.D
 Acq: 18 Sep 2021 00:06

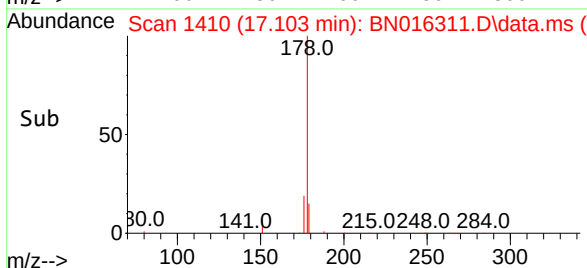
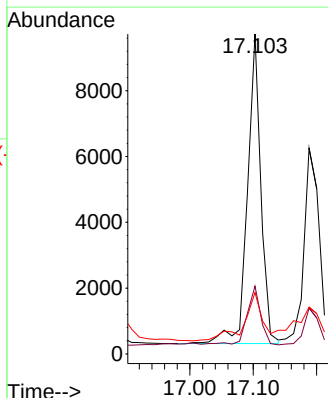
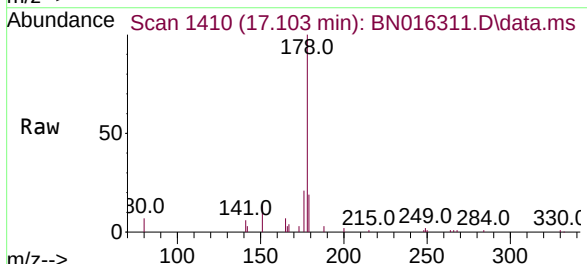
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

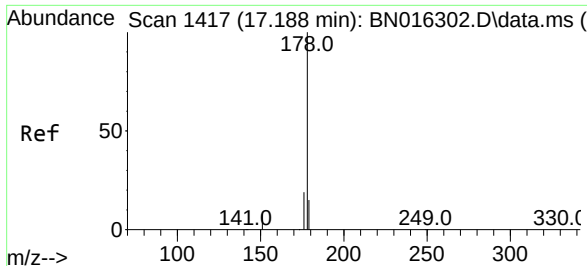
Tgt Ion:	266	Resp:	1239
Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.6	75.8
268	63.7	52.6	79.0



#25
 Phenanthrene
 Concen: 0.038 ng
 RT: 17.103 min Scan# 1410
 Delta R.T. 0.000 min
 Lab File: BN016311.D
 Acq: 18 Sep 2021 00:06

Tgt Ion:	178	Resp:	13898
Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.4	21.6
179	21.0	12.2	18.4

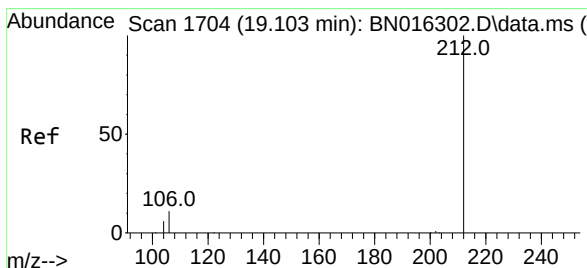
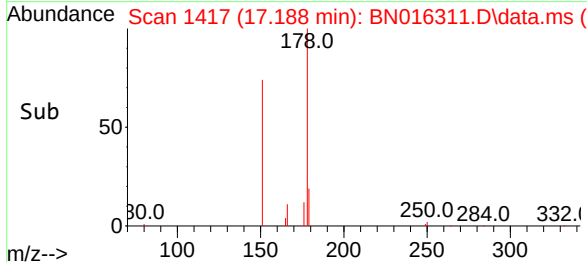
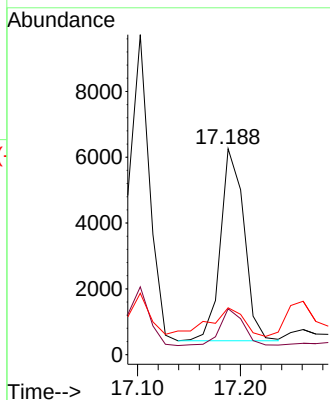
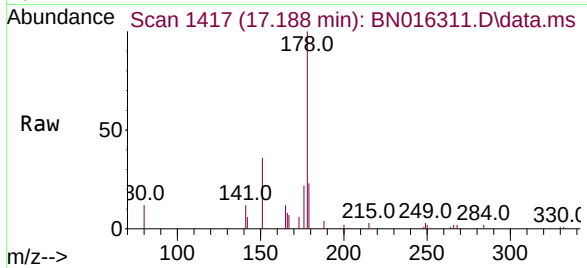




#26
 Anthracene
 Concen: 0.026 ng
 RT: 17.188 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: BN016311.D
 Acq: 18 Sep 2021 00:06

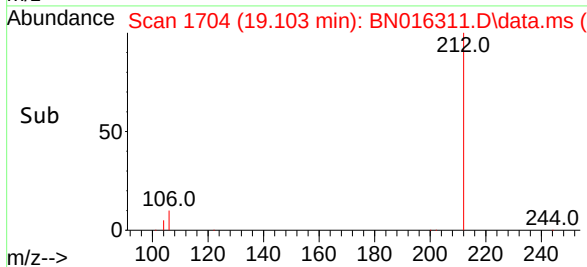
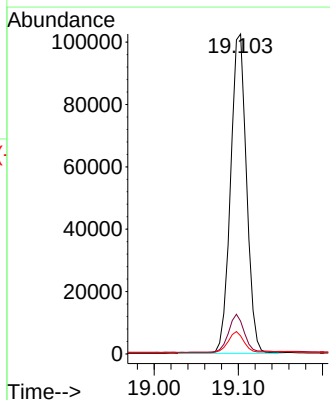
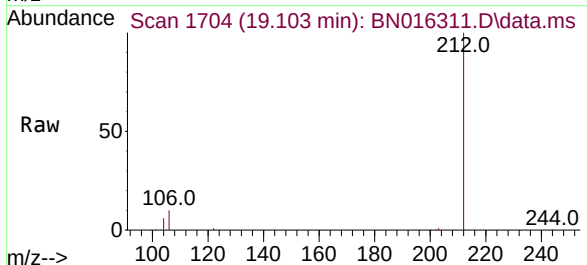
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

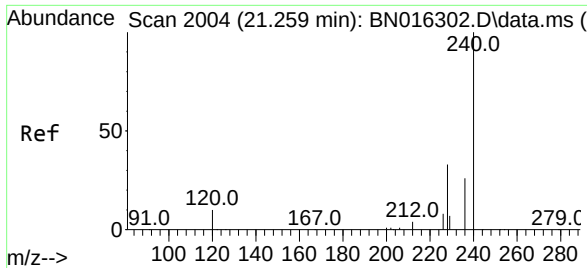
Tgt Ion:178 Resp: 9310
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.9 20.9
 179 19.6 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.361 ng
 RT: 19.103 min Scan# 1704
 Delta R.T. 0.000 min
 Lab File: BN016311.D
 Acq: 18 Sep 2021 00:06

Tgt Ion:212 Resp: 134781
 Ion Ratio Lower Upper
 212 100
 106 11.9 9.8 14.6
 104 6.4 5.4 8.2

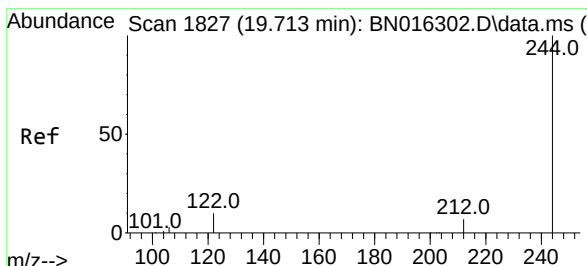
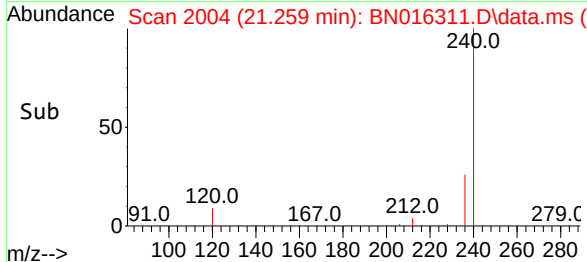
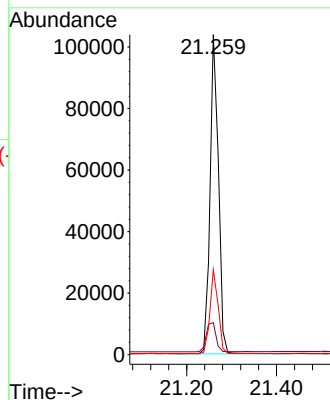
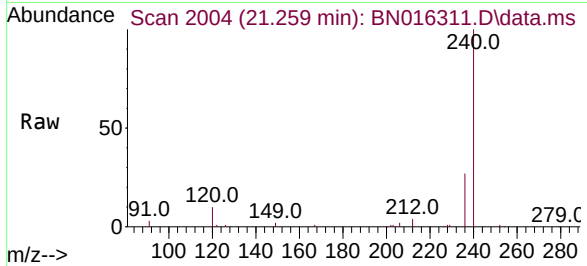




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

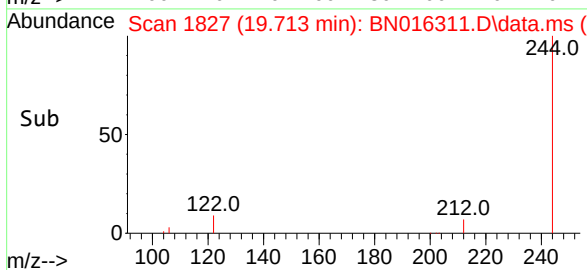
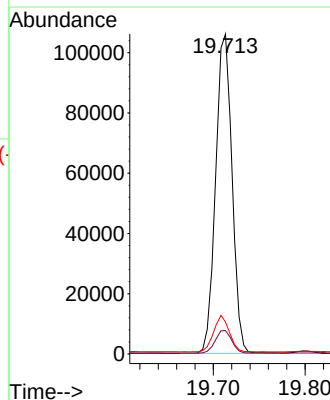
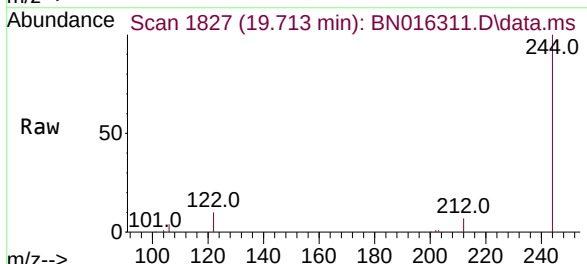
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

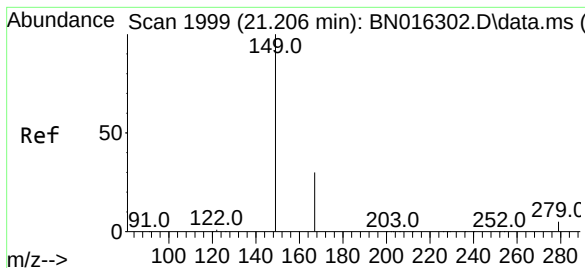
Tgt Ion:240 Resp: 133021
Ion Ratio Lower Upper
240 100
120 10.0 5.3 7.9#
236 26.5 19.8 29.8



#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.713 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN016311.D
Acq: 18 Sep 2021 00:06

Tgt Ion:244 Resp: 131496
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 9.9 9.0 13.4

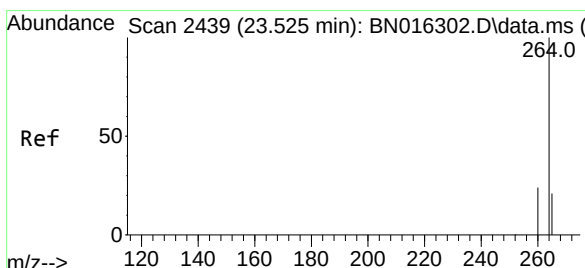
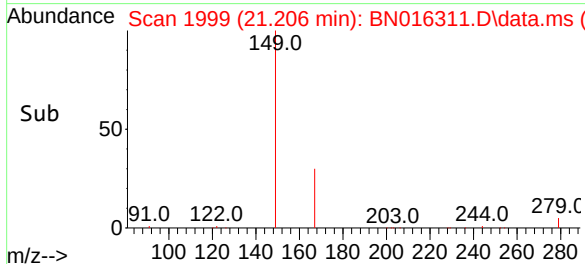
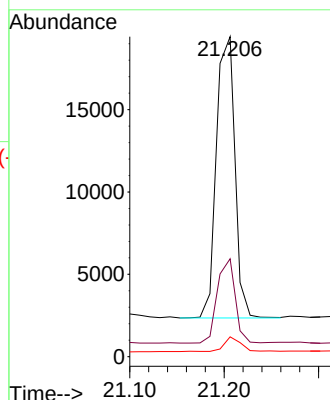
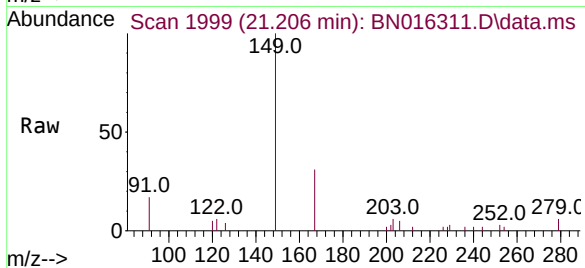




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: BN016311.D
 Acq: 18 Sep 2021 00:06

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

Tgt Ion:149 Resp: 23244
 Ion Ratio Lower Upper
 149 100
 167 29.0 23.4 35.0
 279 5.0 3.9 5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.526 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BN016311.D
 Acq: 18 Sep 2021 00:06

Tgt Ion:264 Resp: 136969
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 29.5 23.7 35.5

