

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016324.D
 Acq On : 18 Sep 2021 08:32
 Operator : CG/JU
 Sample : M3791-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 20 00:55:49 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)

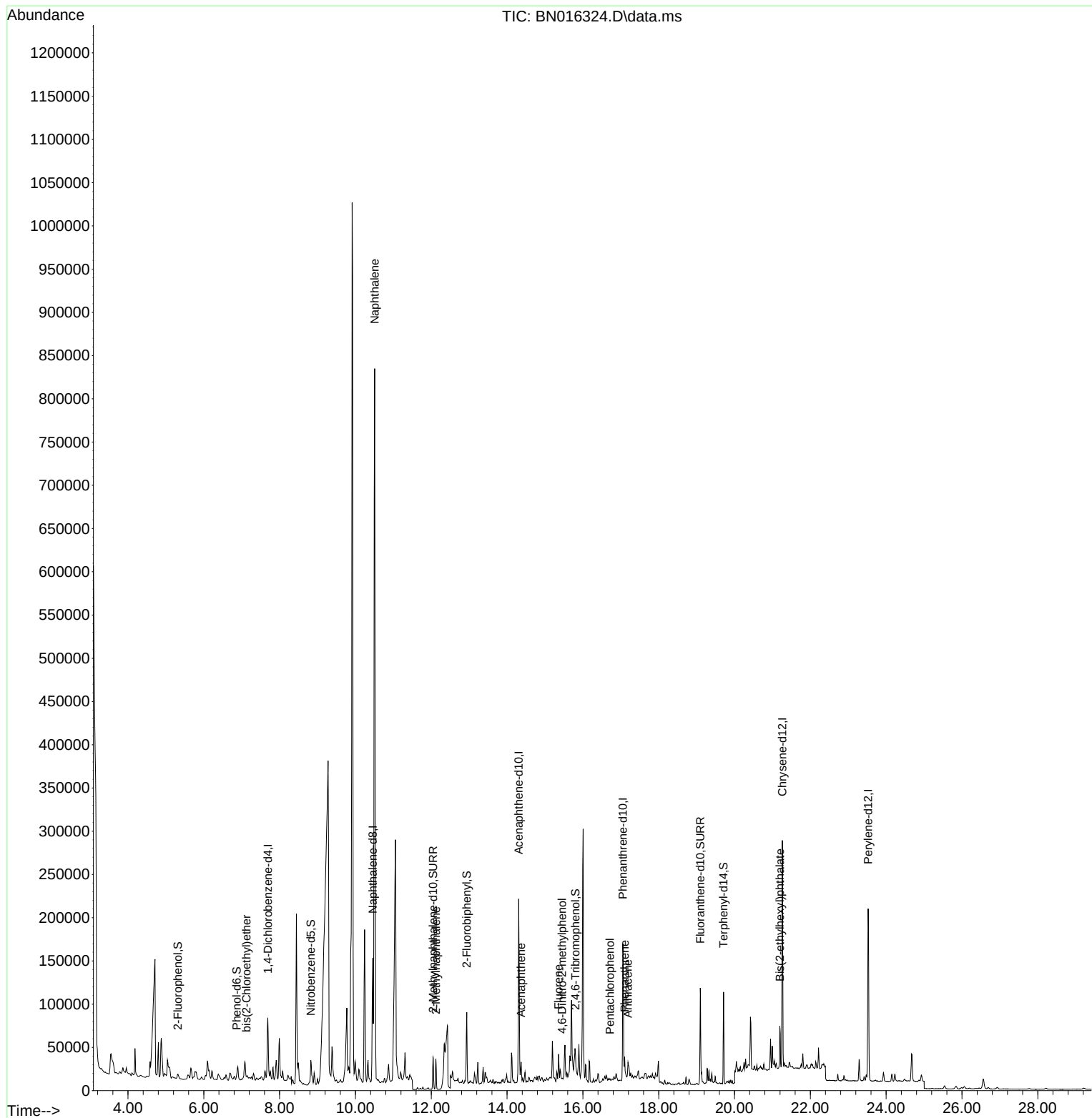
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	41508	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	185811	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	110988	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	221695	0.400	ng	#-0.01
29) Chrysene-d12	21.259	240	239161	0.400	ng	# 0.00
35) Perylene-d12	23.526	264	255662	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	7595	0.073	ng	0.02
5) Phenol-d6	6.868	99	5241	0.042	ng	0.00
8) Nitrobenzene-d5	8.822	82	21807	0.198	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	49619	0.169	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	8721	0.268	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	68787	0.158	ng	0.00
27) Fluoranthene-d10	19.098	212	121179	0.189	ng	0.00
31) Terphenyl-d14	19.708	244	105637	0.191	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.126	93	8357	0.074	ng	# 20
9) Naphthalene	10.508	128	1122958	2.243	ng	100
12) 2-Methylnaphthalene	12.123	142	24997	0.075	ng	98
17) Acenaphthene	14.370	154	10163	0.032	ng	95
18) Fluorene	15.360	166	21414	0.054	ng	97
20) 4,6-Dinitro-2-methylph...	15.449	198	107	0.155	ng	# 1
24) Pentachlorophenol	16.713	266	1081	0.026	ng	99
25) Phenanthrene	17.103	178	27843	0.044	ng	# 80
26) Anthracene	17.188	178	21495	0.035	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	47292	0.114	ng	99

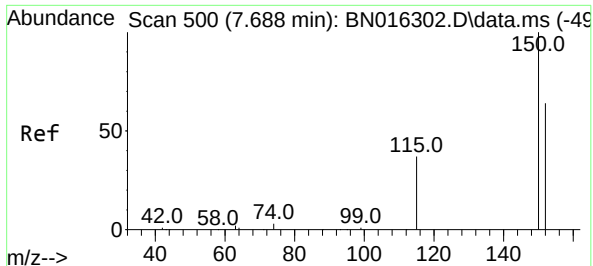
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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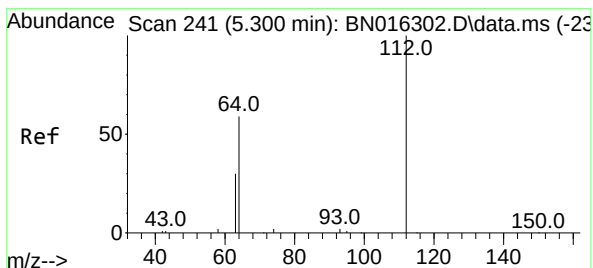
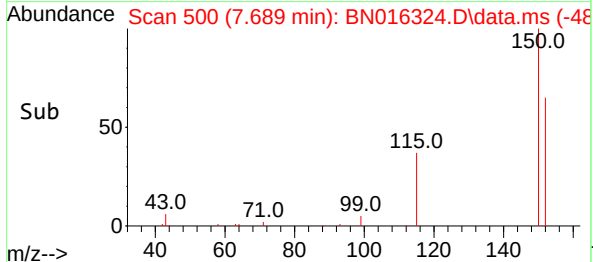
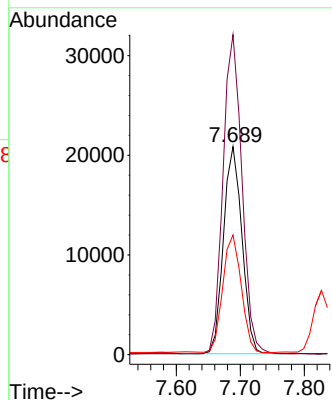
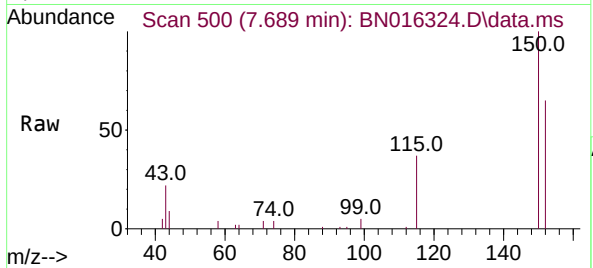




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 500
 Delta R.T. 0.001 min
 Lab File: BN016324.D
 Acq: 18 Sep 2021 08:32

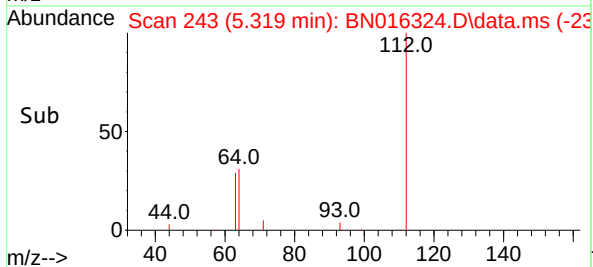
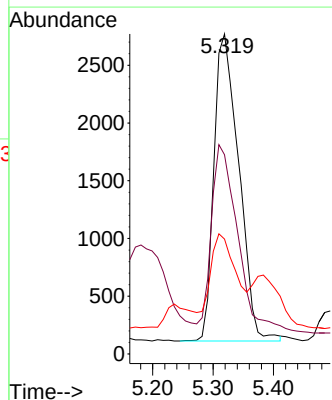
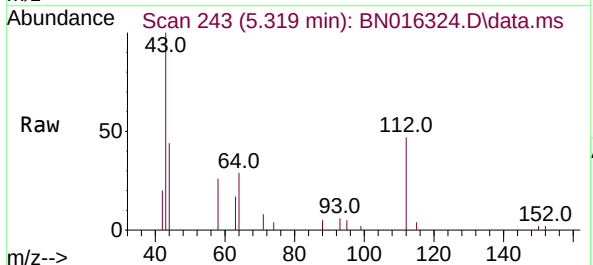
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

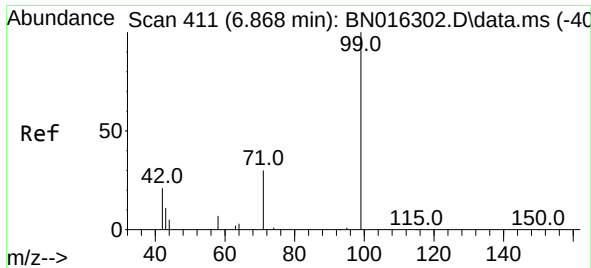
Tgt Ion:152 Resp: 41508
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.6 188.4
 115 57.5 50.2 75.2



#4
 2-Fluorophenol
 Concen: 0.073 ng
 RT: 5.319 min Scan# 243
 Delta R.T. 0.019 min
 Lab File: BN016324.D
 Acq: 18 Sep 2021 08:32

Tgt Ion:112 Resp: 7595
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.3 70.9
 63 24.0 23.4 35.0

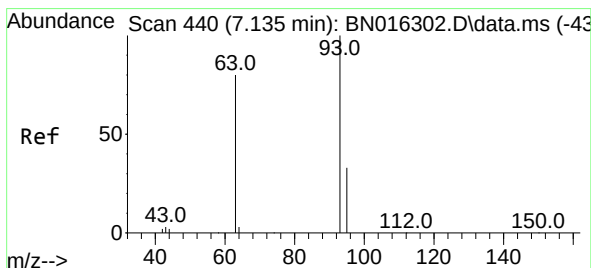
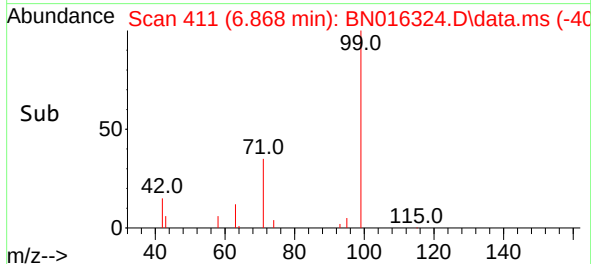
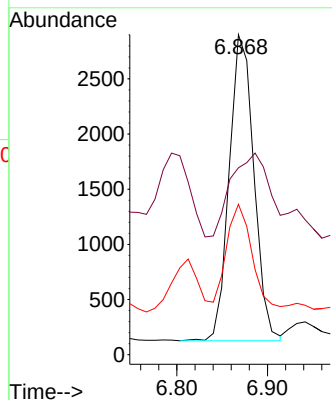
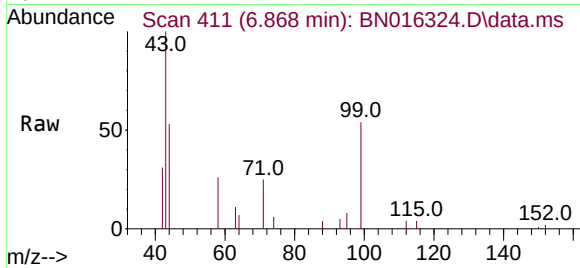




#5
Phenol-d6
Concen: 0.042 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

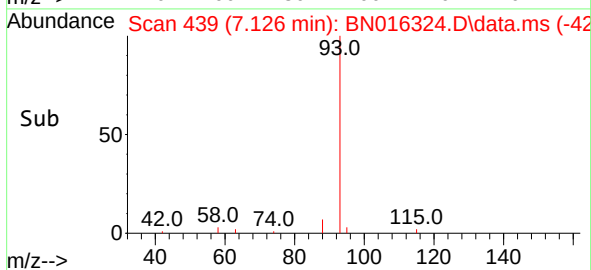
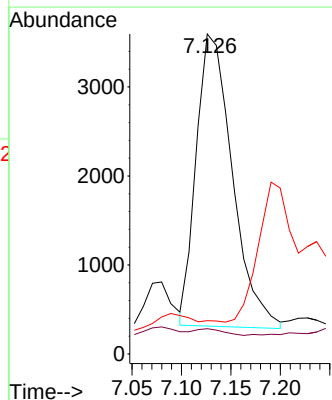
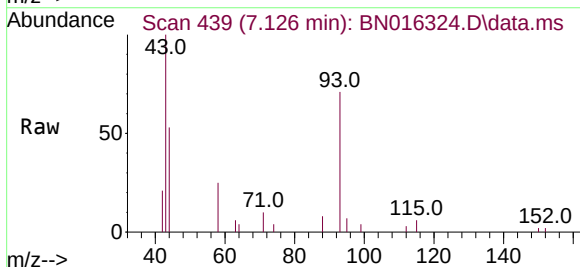
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

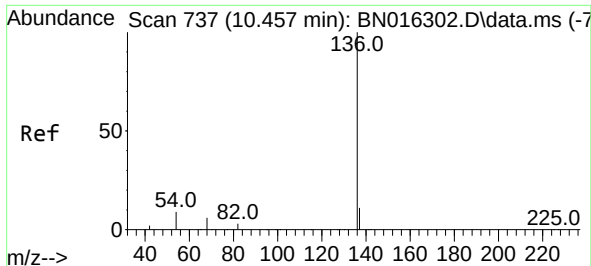
Tgt Ion: 99 Resp: 5241
Ion Ratio Lower Upper
99 100
42 44.7 14.0 21.0#
71 32.8 23.8 35.6



#6
bis(2-Chloroethyl)ether
Concen: 0.074 ng
RT: 7.126 min Scan# 439
Delta R.T. -0.009 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

Tgt Ion: 93 Resp: 8357
Ion Ratio Lower Upper
93 100
63 1.6 63.4 95.0#
95 0.0 26.8 40.2#

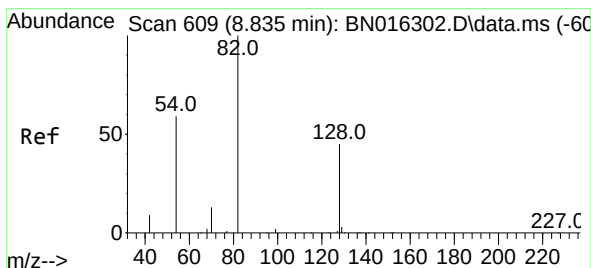
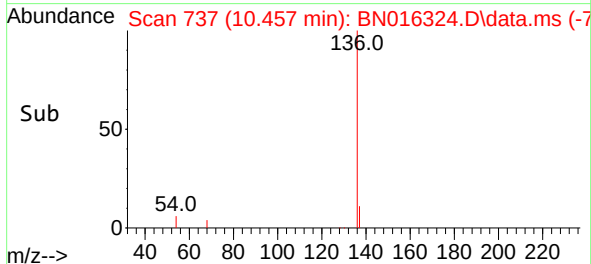
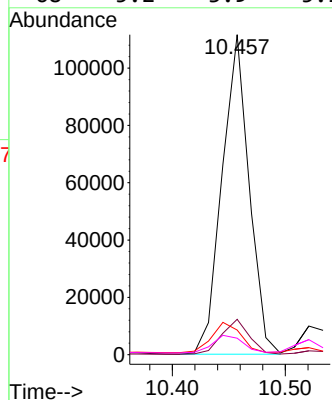
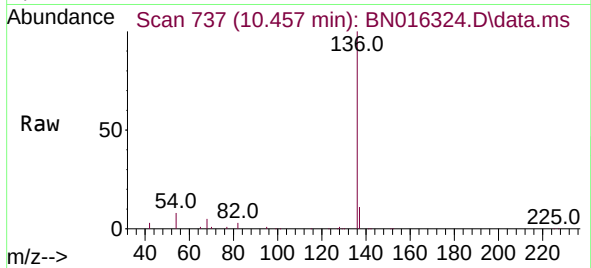




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

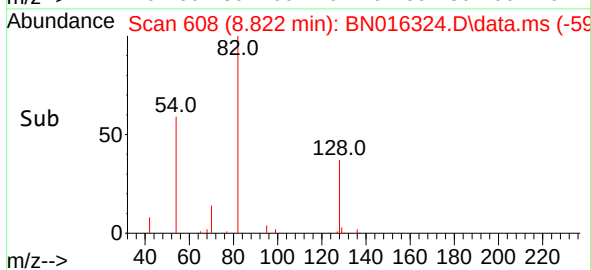
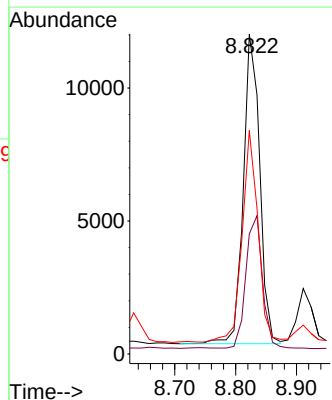
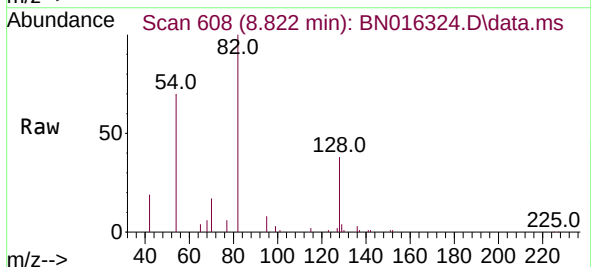
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

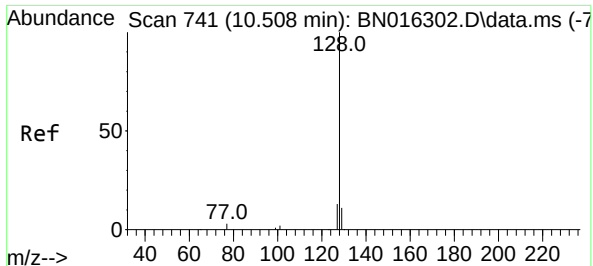
Tgt Ion:	136	Resp:	185811
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.7	5.3	7.9
68	5.2	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.198 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

Tgt Ion:	82	Resp:	21807
Ion Ratio	Lower	Upper	
82	100		
128	37.6	31.7	47.5
54	69.8	46.4	69.6#

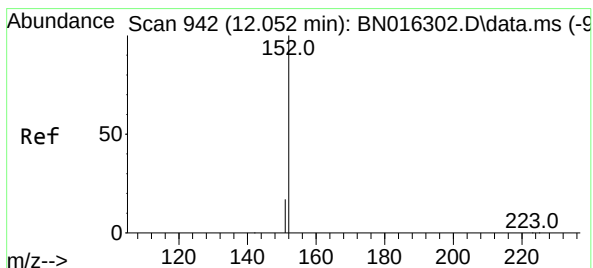
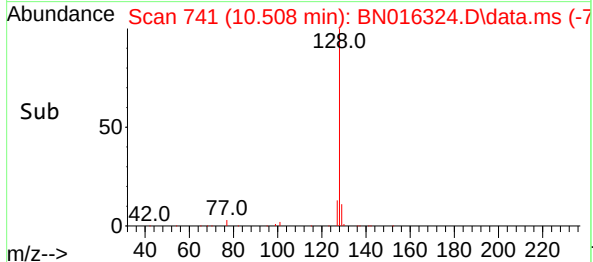
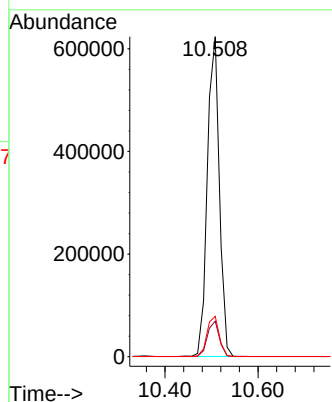
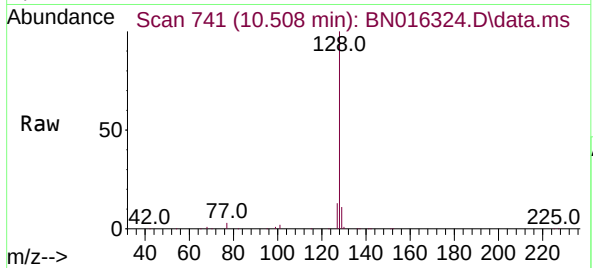




#9
Naphthalene
Concen: 2.243 ng
RT: 10.508 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

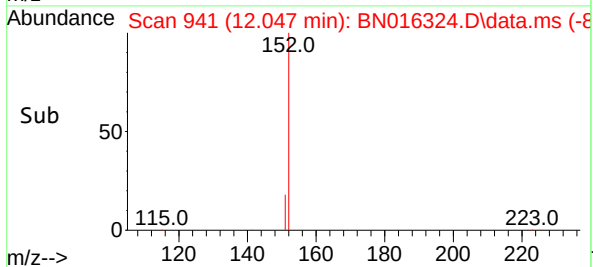
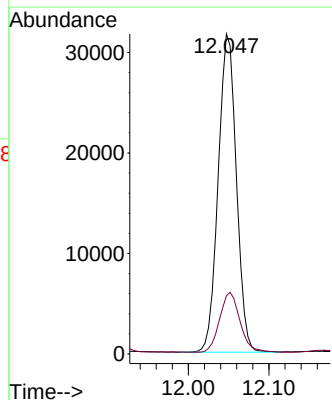
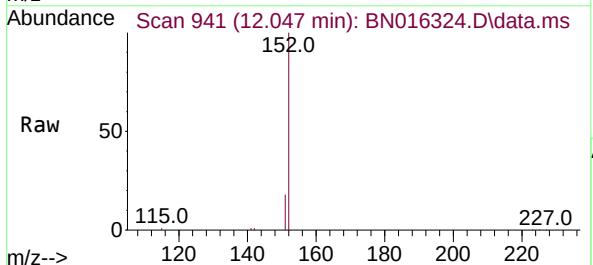
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

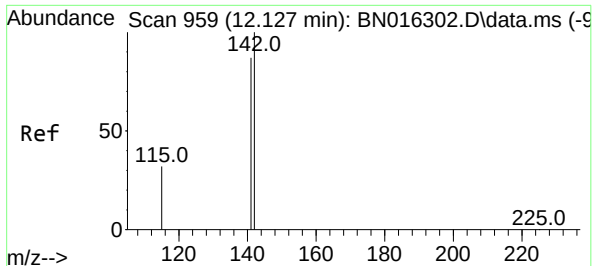
Tgt Ion:128 Resp: 1122958
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.6 10.1 15.1



#11
2-Methylnaphthalene-d10
Concen: 0.169 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.004 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

Tgt Ion:152 Resp: 49619
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1





#12

2-Methylnaphthalene

Concen: 0.075 ng

RT: 12.123 min Scan# 958

Delta R.T. -0.004 min

Lab File: BN016324.D

Acq: 18 Sep 2021 08:32

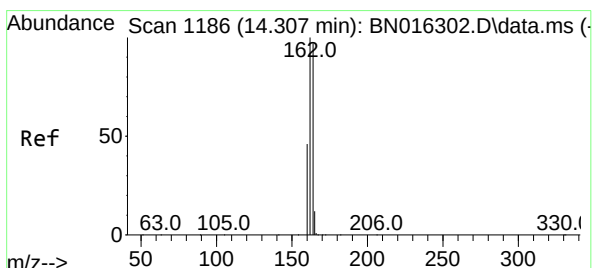
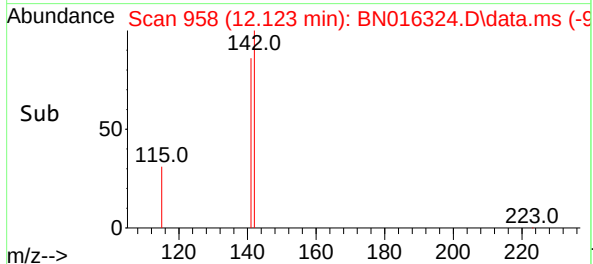
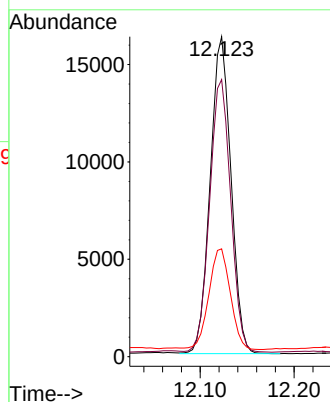
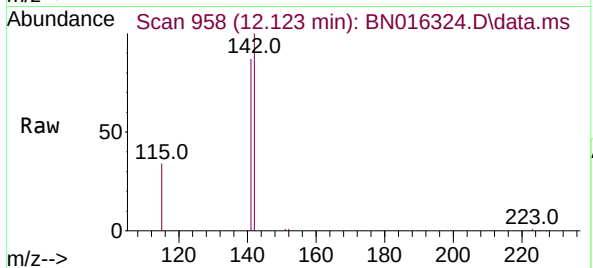
Instrument :

BNA_N

ClientSampleId :

SW-RR-02-(1.0)

Tgt Ion:	142	Resp:	24997
Ion Ratio	Lower	Upper	
142	100		
141	86.6	69.8	104.8
115	33.7	24.4	36.6



#13

Acenaphthene-d10

Concen: 0.400 ng

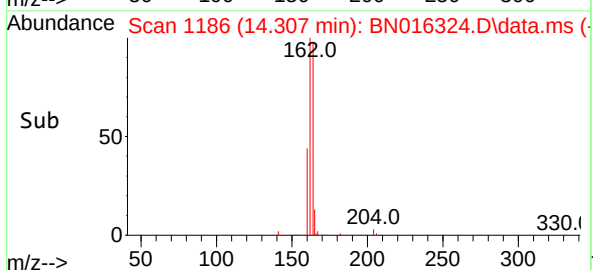
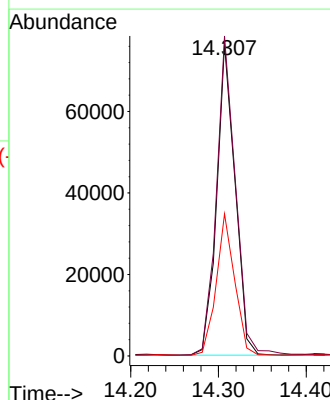
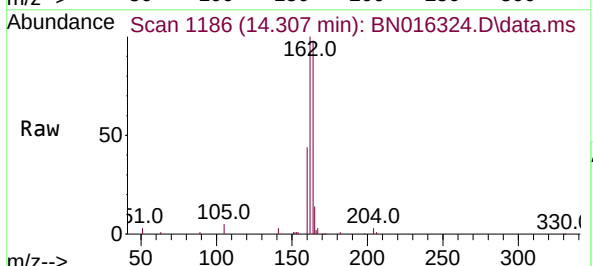
RT: 14.307 min Scan# 1186

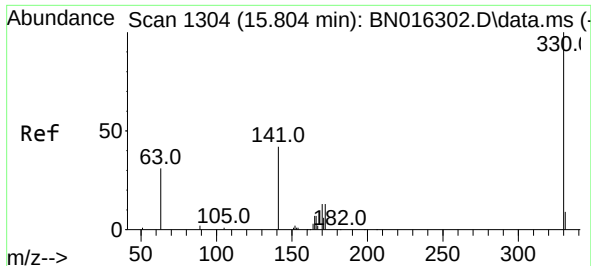
Delta R.T. 0.000 min

Lab File: BN016324.D

Acq: 18 Sep 2021 08:32

Tgt Ion:	164	Resp:	110988
Ion Ratio	Lower	Upper	
164	100		
162	102.5	79.0	118.4
160	45.5	34.1	51.1

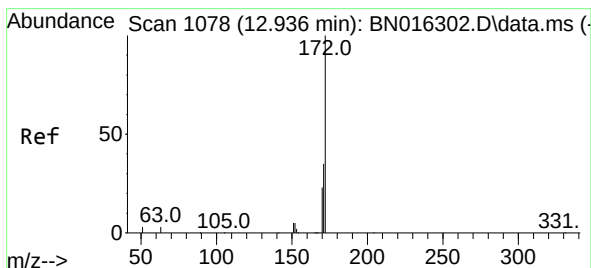
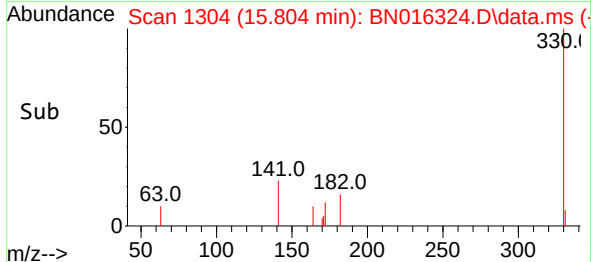
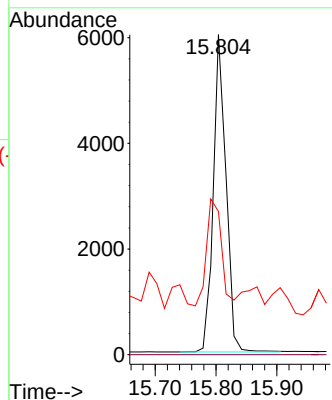
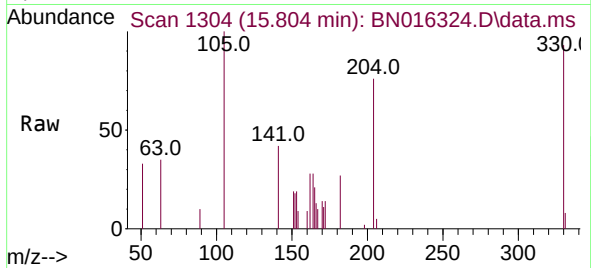




#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

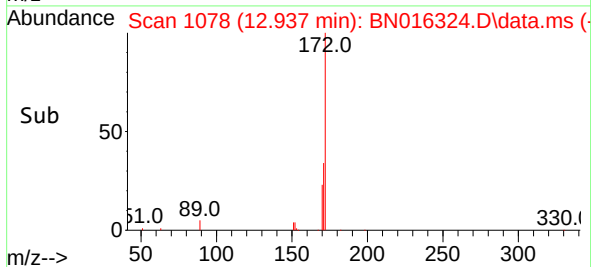
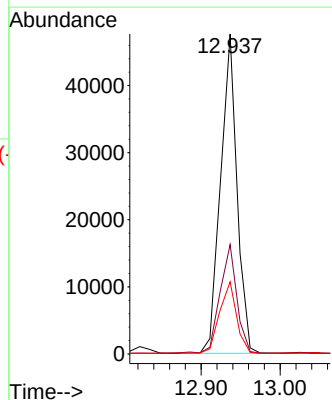
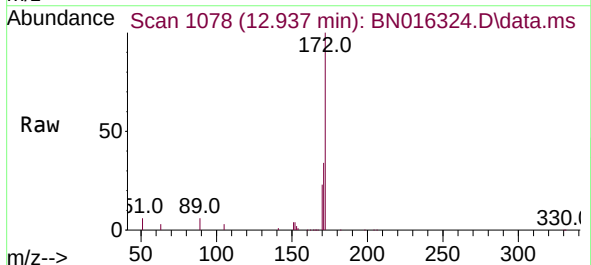
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BNA_N
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SW-RR-02-(1.0)

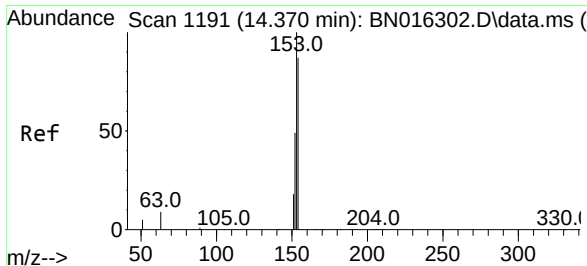
Tgt Ion:330 Resp: 8721
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.3 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.158 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

Tgt Ion:172 Resp: 68787
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 22.5 18.2 27.2

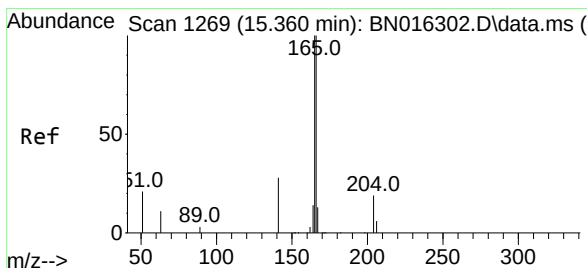
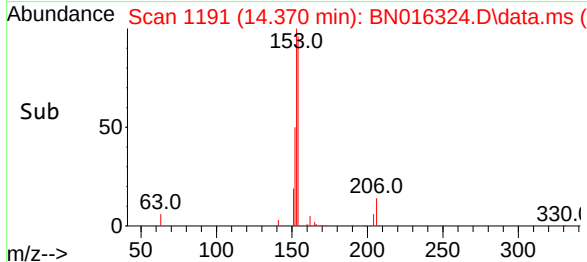
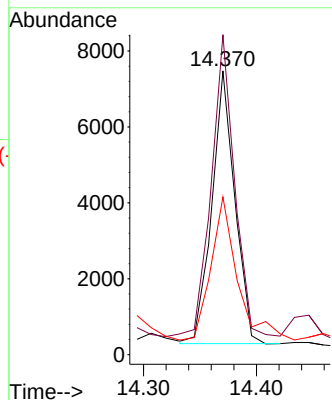
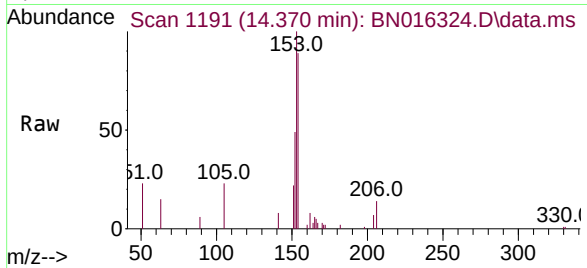




#17
Acenaphthene
Concen: 0.032 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

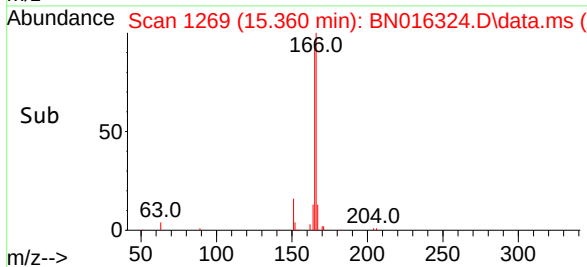
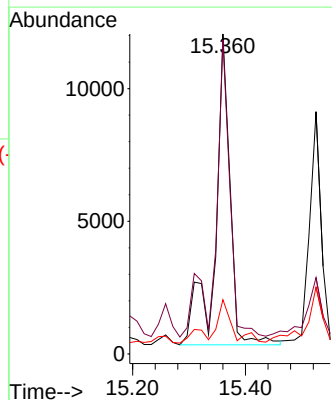
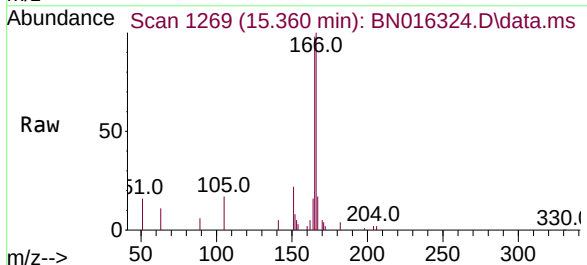
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

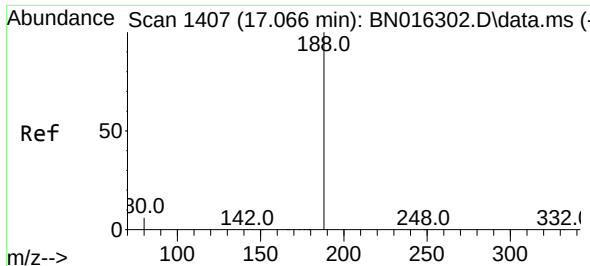
Tgt Ion:154 Resp: 10163
Ion Ratio Lower Upper
154 100
153 113.7 89.3 133.9
152 60.8 42.2 63.4



#18
Fluorene
Concen: 0.054 ng
RT: 15.360 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

Tgt Ion:166 Resp: 21414
Ion Ratio Lower Upper
166 100
165 93.3 76.7 115.1
167 13.0 10.9 16.3

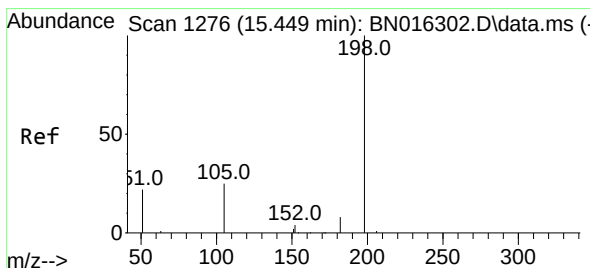
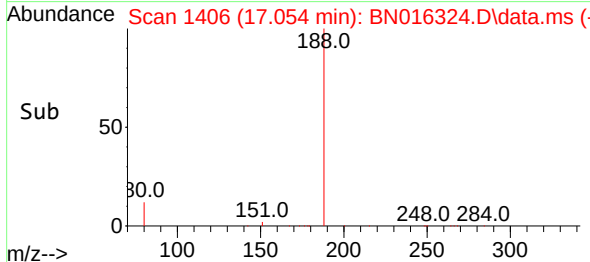
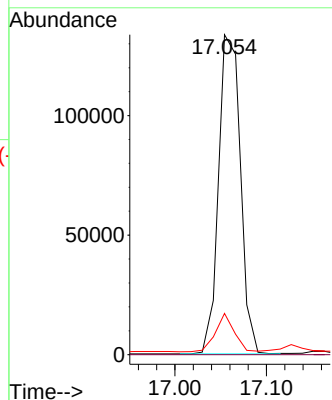
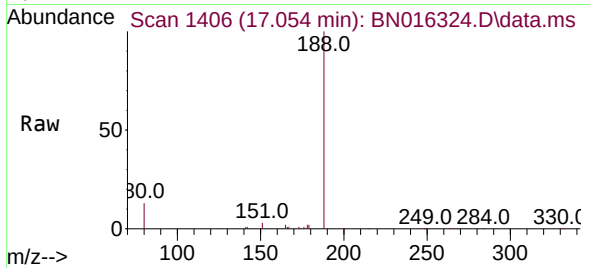




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.054 min Scan# 1406
 Delta R.T. -0.012 min
 Lab File: BN016324.D
 Acq: 18 Sep 2021 08:32

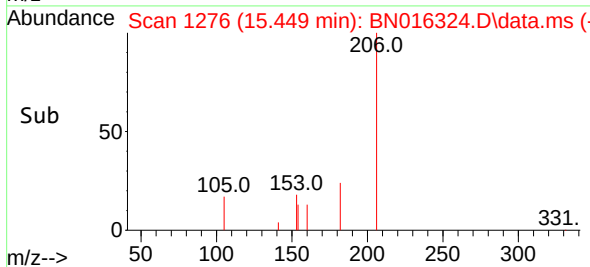
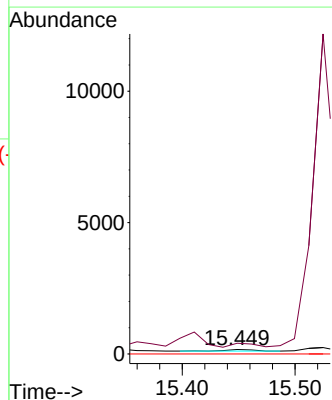
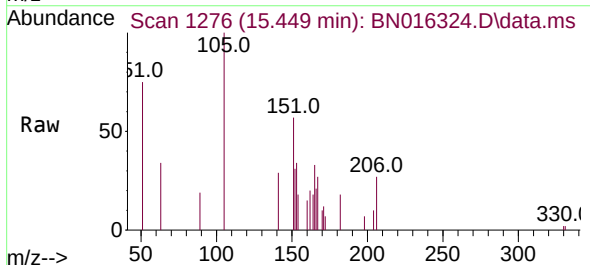
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

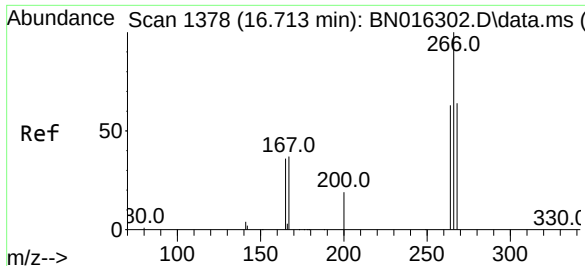
Tgt Ion:188 Resp: 221695
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.9 7.0 10.6#



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.155 ng
 RT: 15.449 min Scan# 1276
 Delta R.T. -0.000 min
 Lab File: BN016324.D
 Acq: 18 Sep 2021 08:32

Tgt Ion:198 Resp: 107
 Ion Ratio Lower Upper
 198 100
 182 241.4 26.6 39.8#
 77 0.0 0.0 0.0

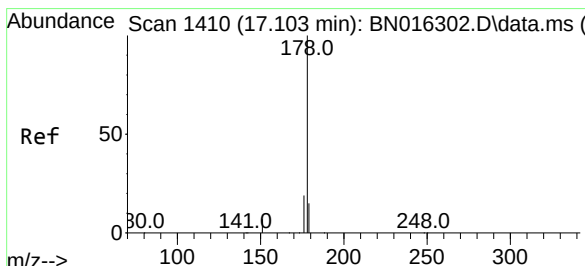
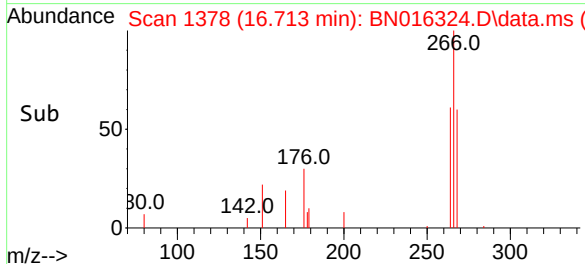
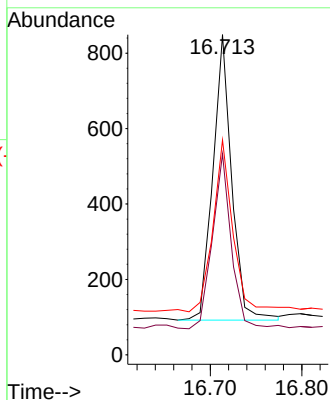
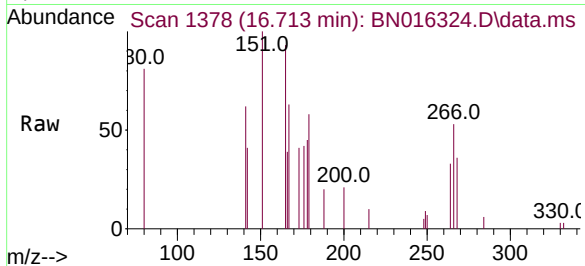




#24
Pentachlorophenol
Concen: 0.026 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

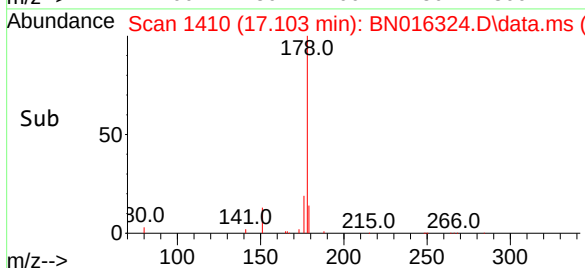
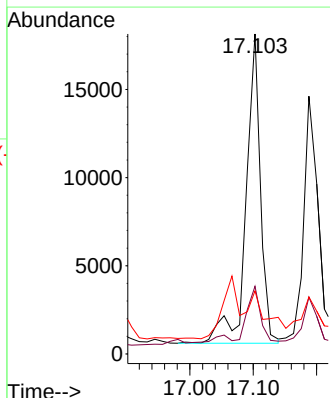
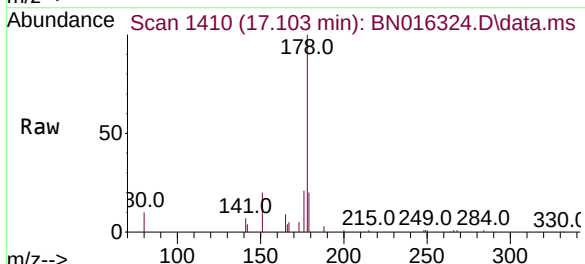
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

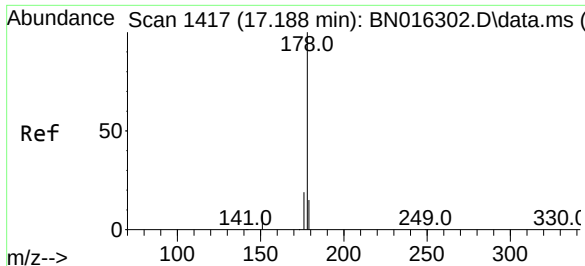
Tgt Ion:	266	Resp:	1081
Ion Ratio	Lower	Upper	
266	100		
264	62.7	50.6	75.8
268	64.6	52.6	79.0



#25
Phenanthrene
Concen: 0.044 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

Tgt Ion:	178	Resp:	27843
Ion Ratio	Lower	Upper	
178	100		
176	20.6	14.4	21.6
179	0.0	12.2	18.4

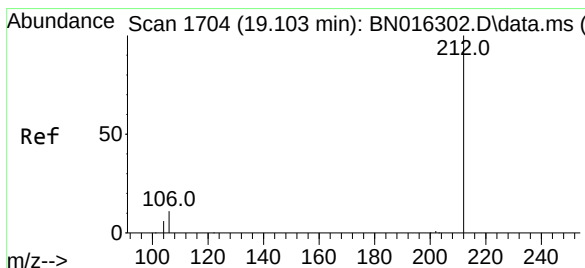
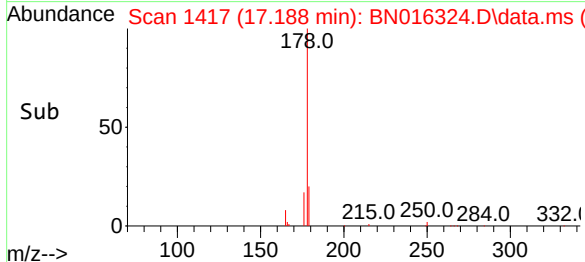
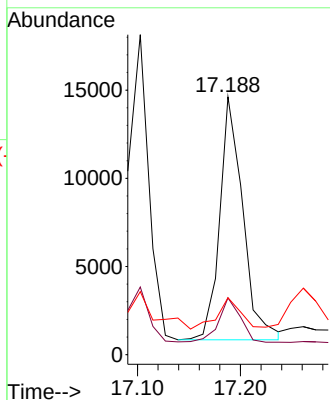
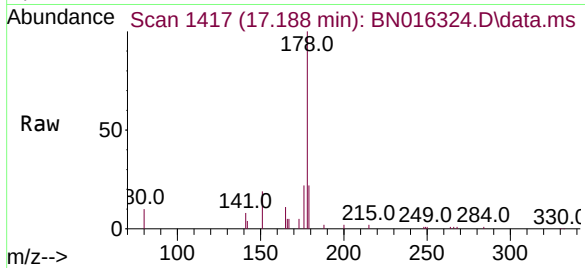




#26
 Anthracene
 Concen: 0.035 ng
 RT: 17.188 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: BN016324.D
 Acq: 18 Sep 2021 08:32

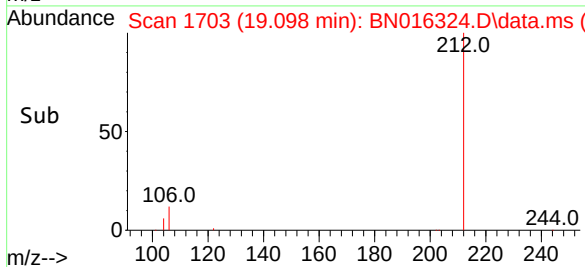
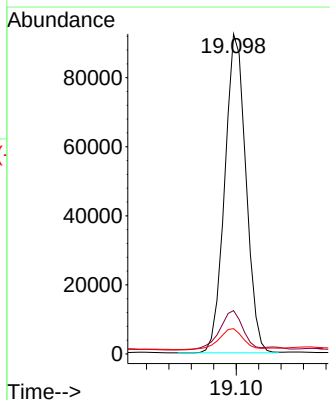
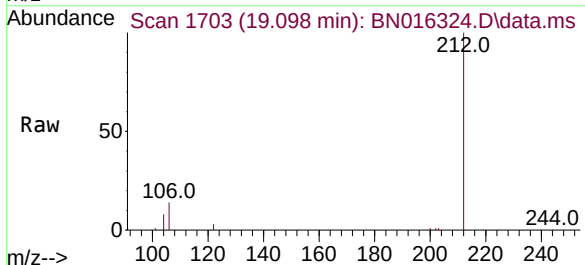
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

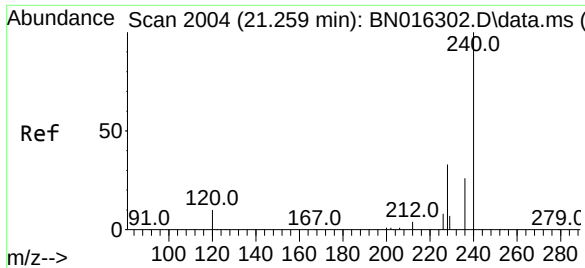
Tgt Ion:	178	Resp:	21495
Ion Ratio	Lower	Upper	
178	100		
176	17.3	13.9	20.9
179	13.4	12.2	18.4



#27
 Fluoranthene-d10
 Concen: 0.189 ng
 RT: 19.098 min Scan# 1703
 Delta R.T. -0.005 min
 Lab File: BN016324.D
 Acq: 18 Sep 2021 08:32

Tgt Ion:	212	Resp:	121179
Ion Ratio	Lower	Upper	
212	100		
106	13.7	9.8	14.6
104	7.4	5.4	8.2

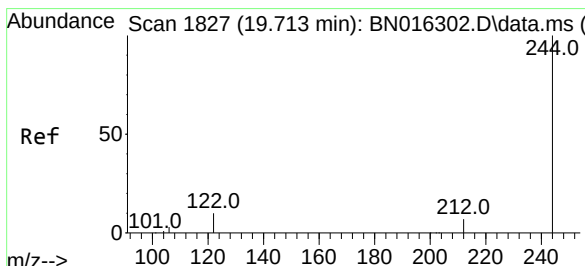
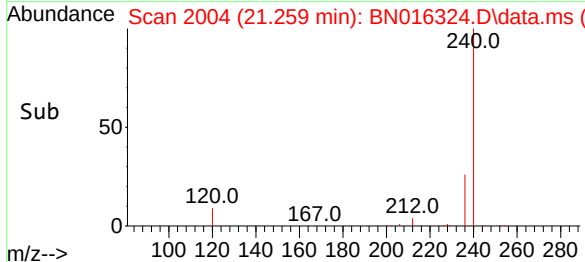
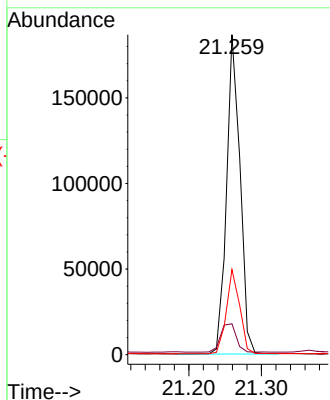
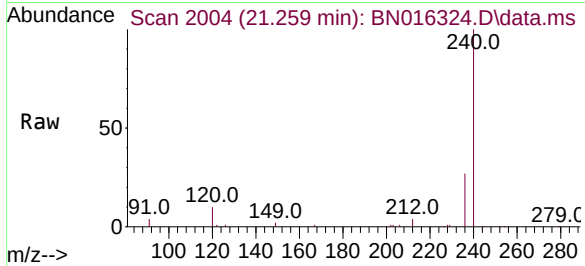




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

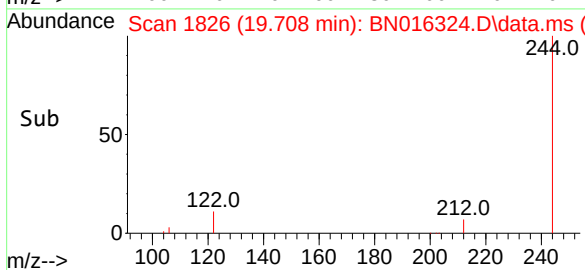
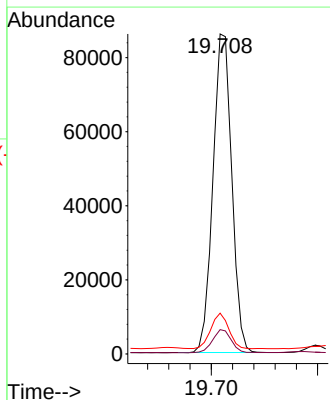
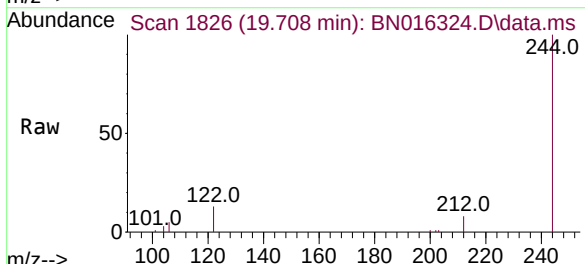
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

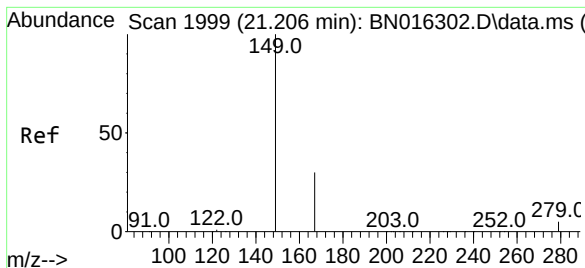
Tgt Ion:240 Resp: 239161
Ion Ratio Lower Upper
240 100
120 9.7 5.3 7.9#
236 26.6 19.8 29.8



#31
Terphenyl-d14
Concen: 0.191 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.005 min
Lab File: BN016324.D
Acq: 18 Sep 2021 08:32

Tgt Ion:244 Resp: 105637
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 12.8 9.0 13.4

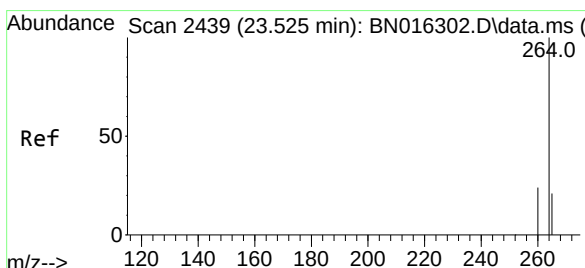
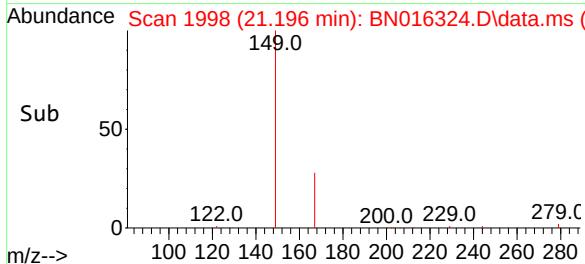
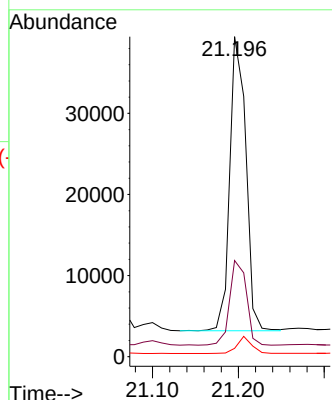
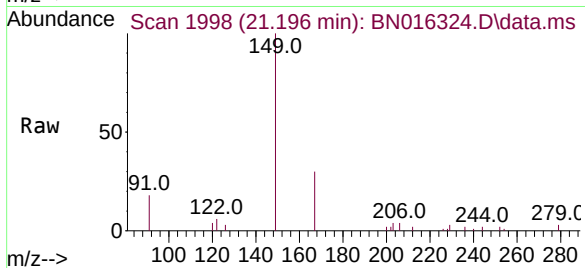




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.114 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. -0.011 min
 Lab File: BN016324.D
 Acq: 18 Sep 2021 08:32

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

Tgt Ion:149 Resp: 47292
 Ion Ratio Lower Upper
 149 100
 167 29.9 23.4 35.0
 279 5.2 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: BN016324.D
 Acq: 18 Sep 2021 08:32

Tgt Ion:264 Resp: 255662
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.9 28.3
 265 25.1 23.7 35.5

