

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021821\
 Data File : BN013669.D
 Acq On : 18 Feb 2021 13:29
 Operator : CG/JU
 Sample : M1432-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-140-148-021621

Quant Time: Feb 18 13:58:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 18 10:50:10 2021
 Response via : Initial Calibration

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

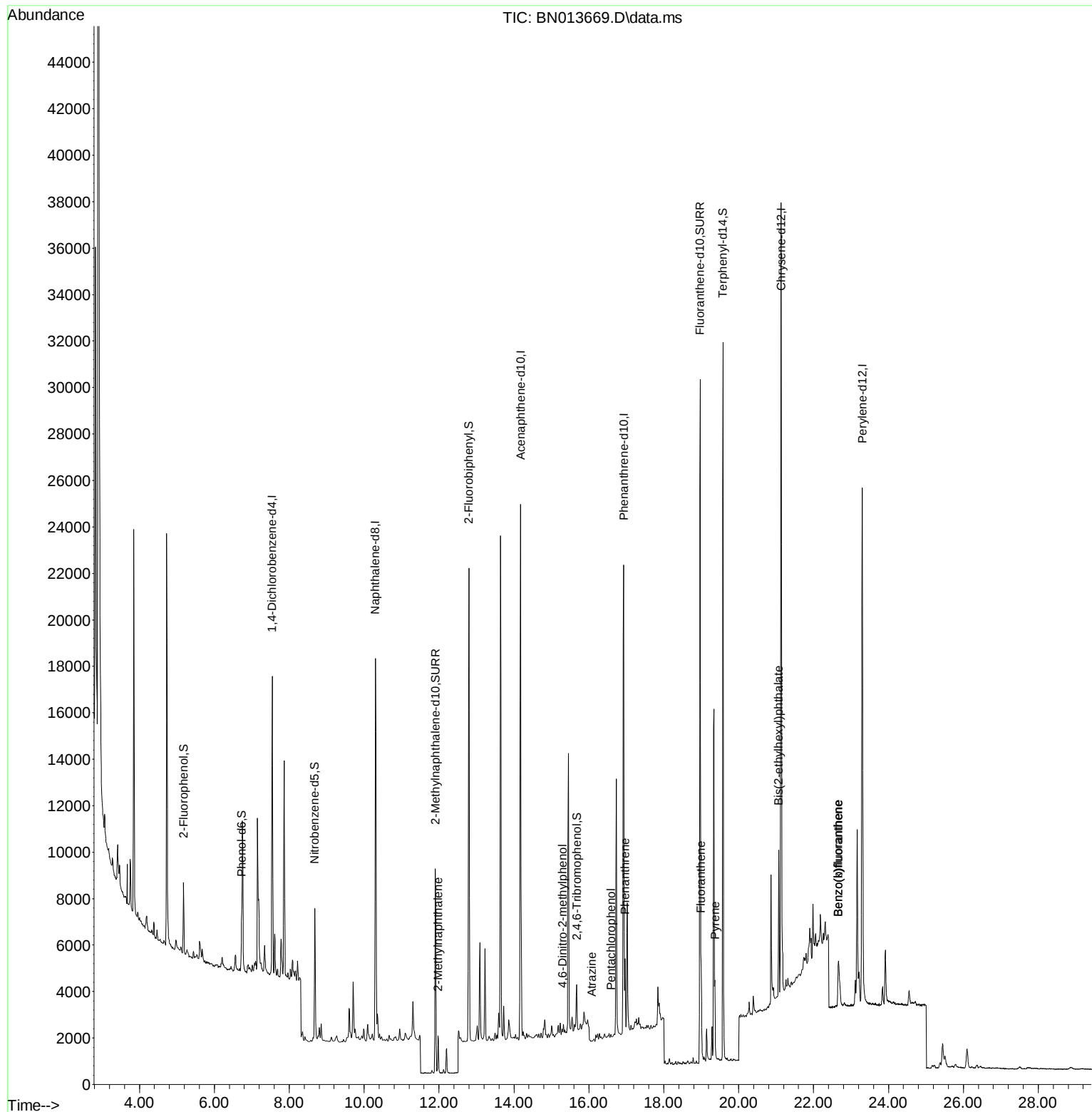
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	5828	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	23272	0.40	ng	# 0.00
13) Acenaphthene-d10	14.181	164	13417	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	29602	0.40	ng	# 0.00
29) Chrysene-d12	21.133	240	30770	0.40	ng	0.00
36) Perylene-d12	23.301	264	28554	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.179	112	2389	0.19	ng	0.00
5) Phenol-d6	6.726	99	1802	0.11	ng	0.00
8) Nitrobenzene-d5	8.680	82	4455	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	11713	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1513	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	17212	0.34	ng	0.00
27) Fluoranthene-d10	18.970	212	32956	0.41	ng	0.00
31) Terphenyl-d14	19.580	244	30115	0.44	ng	0.00
Target Compounds						
						Qvalue
12) 2-Methylnaphthalene	11.977	142	1145	0.03	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.298	198	30	0.16	ng	# 1
23) Atrazine	16.082	200	384	0.04	ng	# 1
24) Pentachlorophenol	16.593	266	44	0.21	ng	# 61
25) Phenanthrene	16.970	178	3086	0.04	ng	97
28) Fluoranthene	19.000	202	3664	0.04	ng	# 94
30) Pyrene	19.367	202	2915	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.069	149	5426	0.22	ng	99
37) Benzo(b)fluoranthene	22.657	252	2775	0.03	ng	# 21
38) Benzo(k)fluoranthene	22.657	252	2775	0.03	ng	# 22

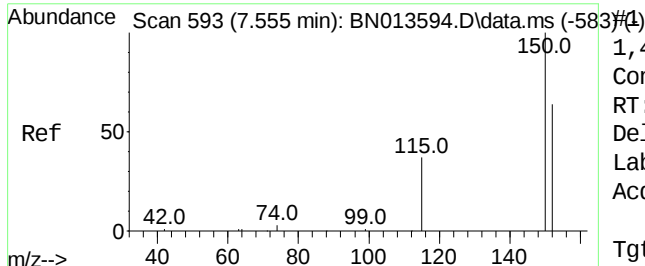
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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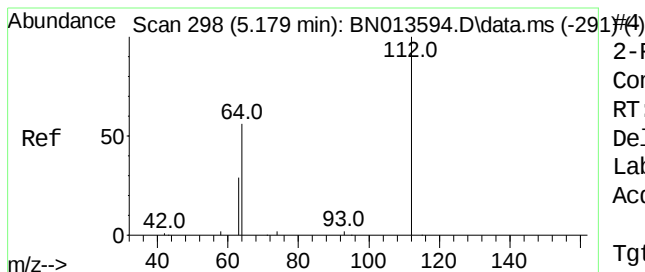
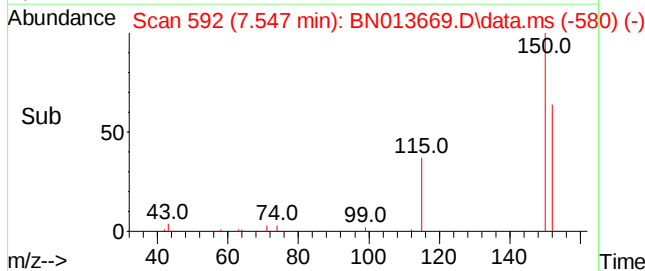
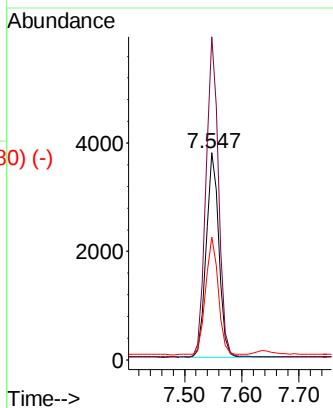
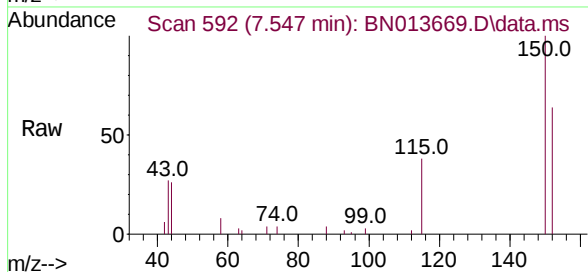




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

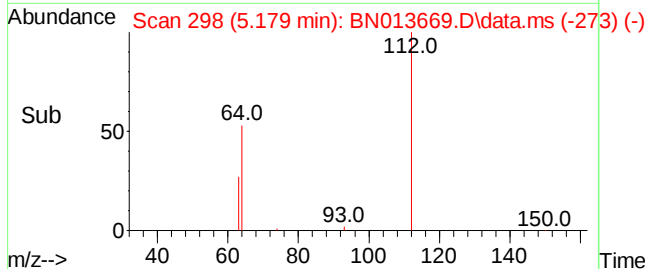
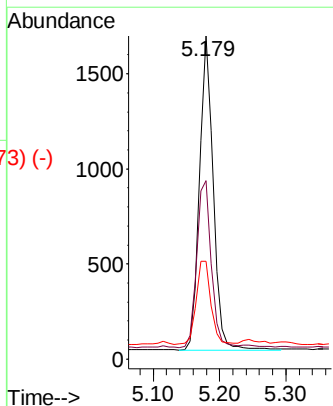
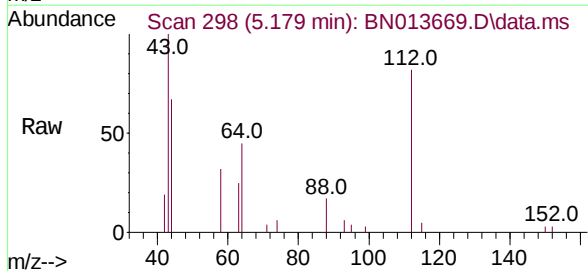
Instrument :
BNA_N
ClientSampleId :
GWBR2-140-148-021621

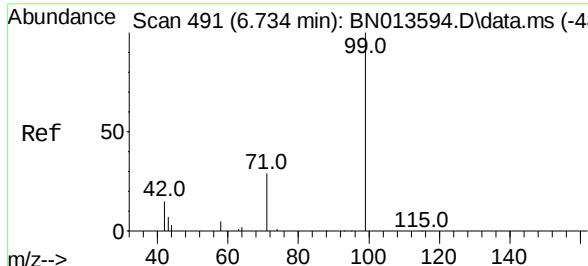
Tgt Ion:	152	Resp:	5828
Ion	Ratio	Lower	Upper
152	100		
150	156.1	121.8	182.8
115	59.4	46.6	69.8



2-Fluorophenol
Concen: 0.19 ng
RT: 5.179 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Tgt Ion:	112	Resp:	2389
Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.3	66.5
63	28.5	23.0	34.6

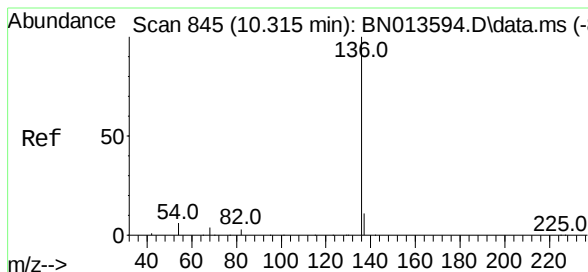
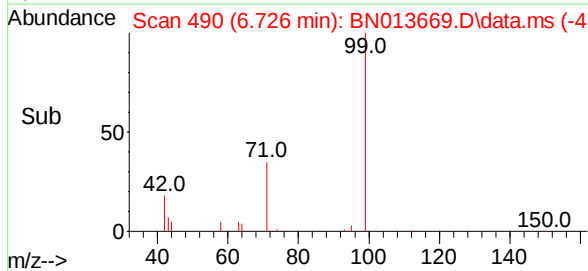
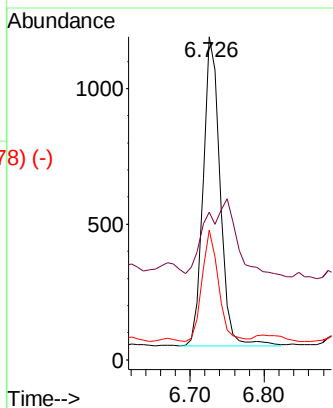
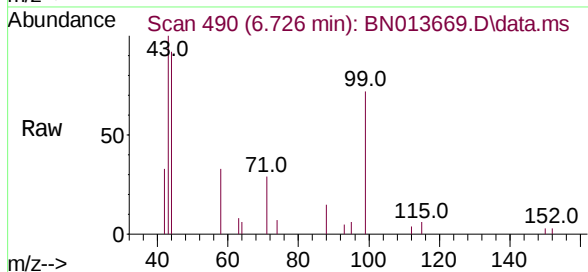




Phenol-d6
 Concen: 0.11 ng
 RT: 6.726 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: BN013669.D
 Acq: 18 Feb 2021 13:29

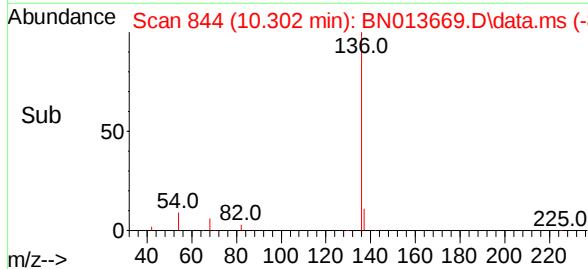
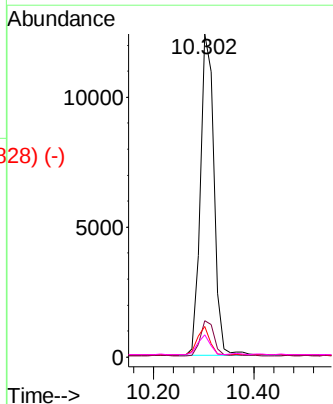
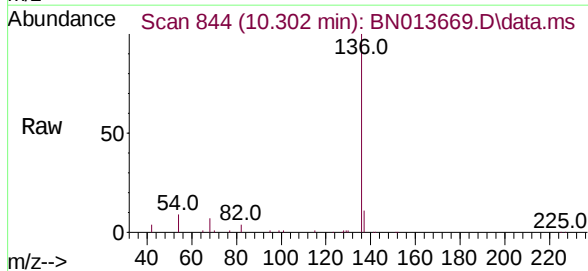
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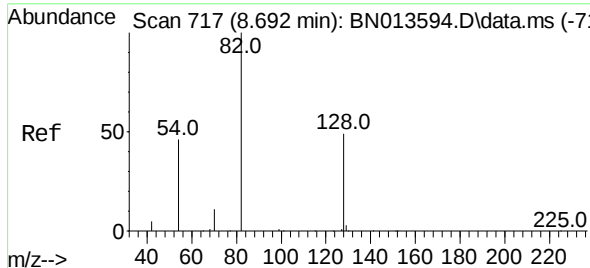
Tgt Ion:	99	Resp:	1802
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	35.2	26.1	39.1



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.302 min Scan# 844
 Delta R.T. -0.000 min
 Lab File: BN013669.D
 Acq: 18 Feb 2021 13:29

Tgt Ion:	136	Resp:	23272
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.4	6.4	9.6
68	6.9	4.5	6.7#

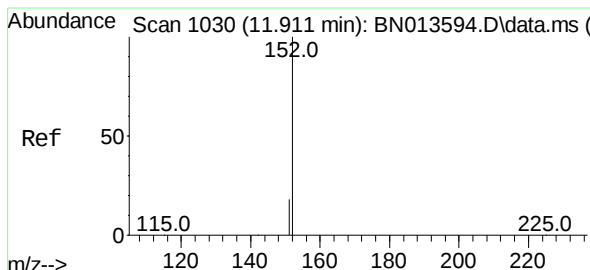
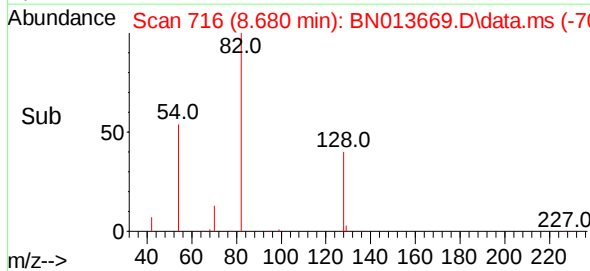
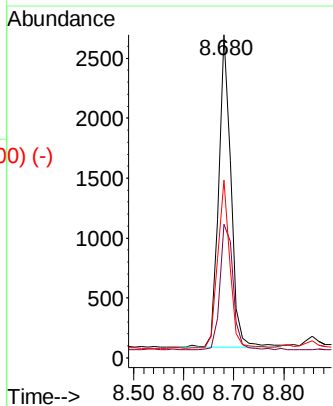
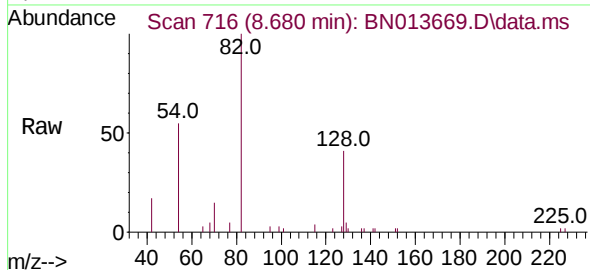




Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

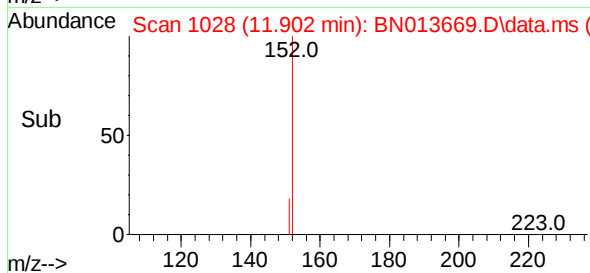
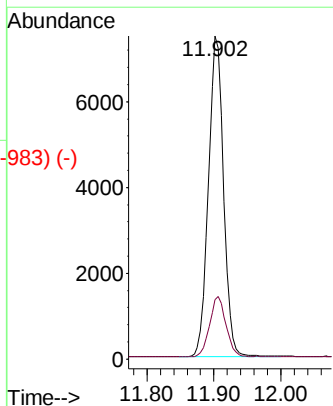
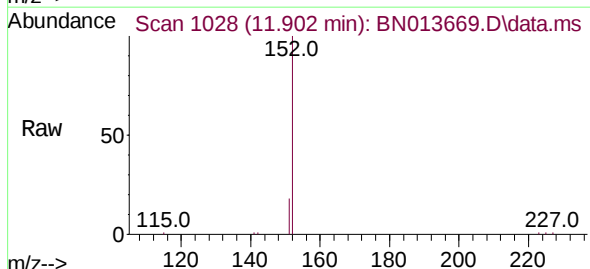
Instrument :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	39.2	58.8
54	55.0	40.1	60.1



2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

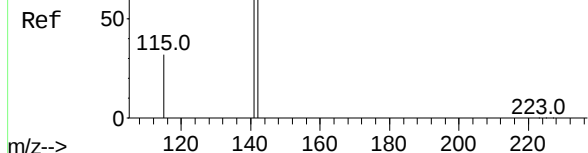
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2



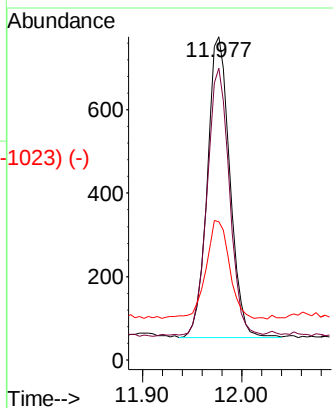
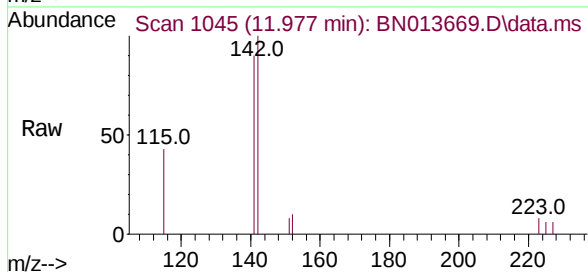
Abundance Scan 1046 (11.982 min): BN013594.D\data.ms (-1036) (-)

2-Methylnaphthalene
Concen: 0.03 ng
RT: 11.977 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

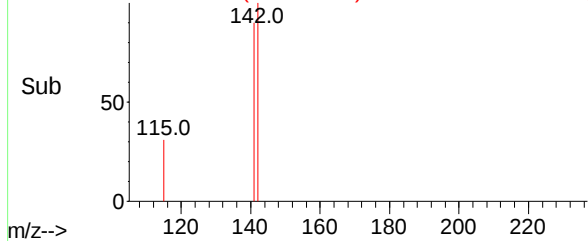
Instrument :
BNA_N
ClientSampleId :
GWBR2-140-148-021621



Tgt Ion:	142	Resp:	1145
Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.5	105.7
115	42.7	27.4	41.0#



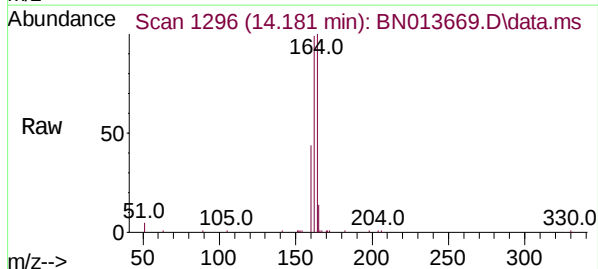
Abundance Scan 1045 (11.977 min): BN013669.D\data.ms (-1023) (-)



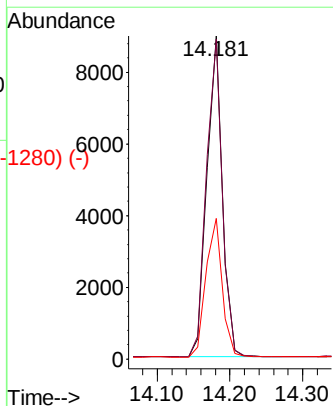
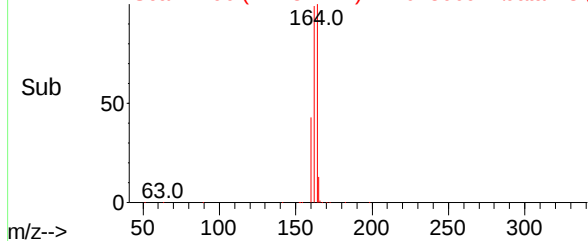
Abundance Scan 1296 (14.181 min): BN013594.D\data.ms (-1280) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Tgt Ion:	164	Resp:	13417
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.6	119.4
160	43.6	36.0	54.0



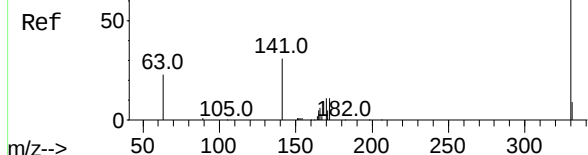
Abundance Scan 1296 (14.181 min): BN013669.D\data.ms (-1280) (-)



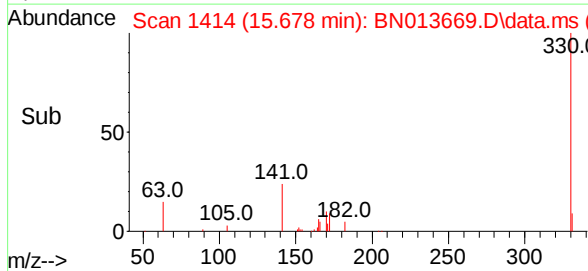
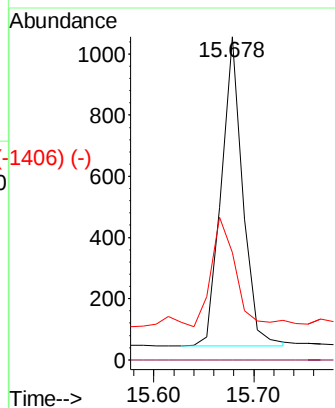
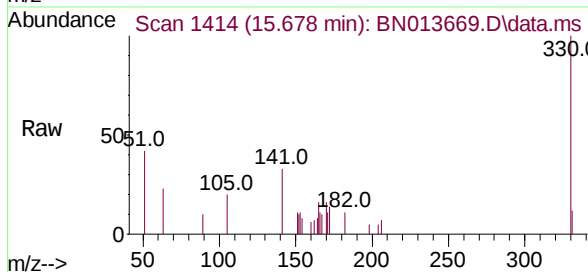
Abundance Scan 1414 (15.678 min): BN013594.D\data.ms (-1406) (-)

2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Instrument :
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ClientSampleId :
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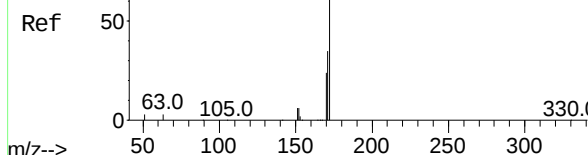


Tgt Ion:	330	Resp:	1513
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.4	26.8	40.2

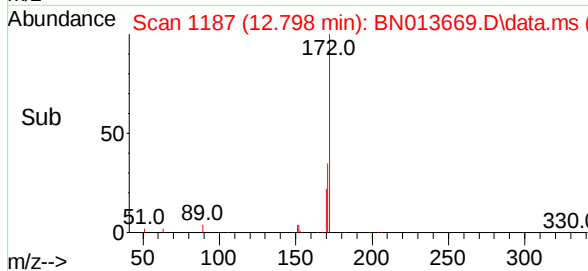
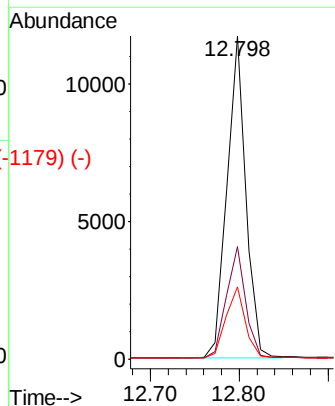
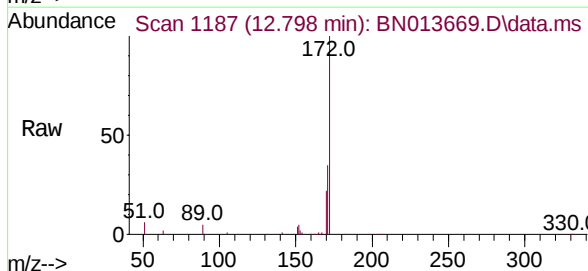


Abundance Scan 1187 (12.798 min): BN013594.D\data.ms (-1185) (-)

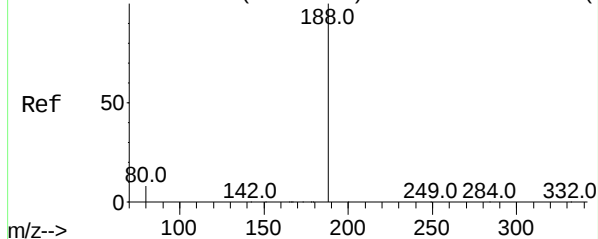
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29



Tgt Ion:	172	Resp:	17212
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	22.4	18.9	28.3



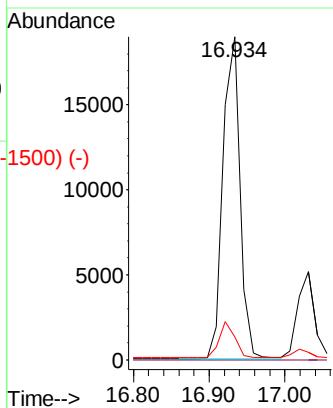
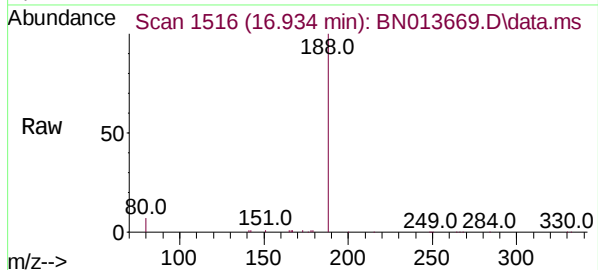
Abundance Scan 1516 (16.933 min): BN013594.D\data.ms (-1500) (-)



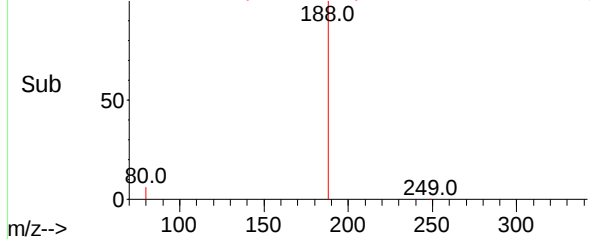
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Instrument :
BNA_N
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GWBR2-140-148-021621

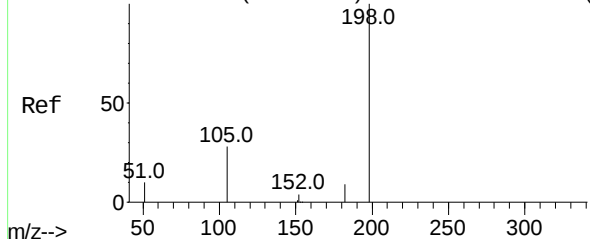
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	9.0	13.6#



Abundance Scan 1516 (16.934 min): BN013669.D\data.ms (-1500) (-)

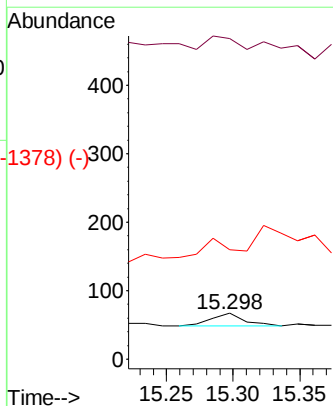
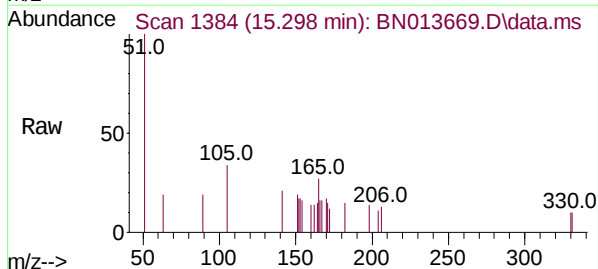


Abundance Scan 1386 (15.323 min): BN013594.D\data.ms (-1500) (-)

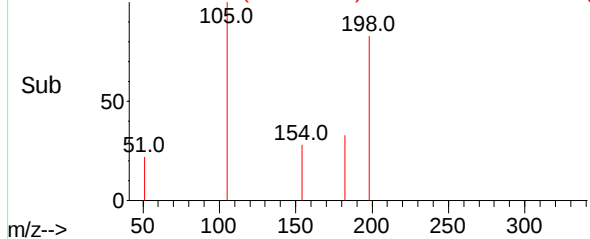


4,6-Dinitro-2-methylphenol
Concen: 0.16 ng
RT: 15.298 min Scan# 1384
Delta R.T. -0.026 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

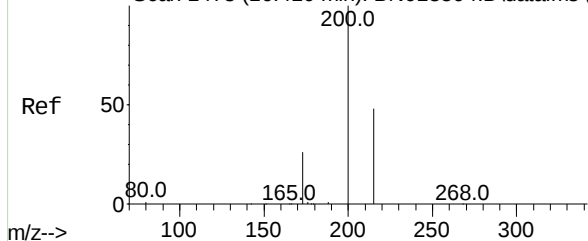
Tgt Ion	Ratio	Lower	Upper
198	100		
51	698.5	61.7	92.5#
105	238.8	33.0	49.6#



Abundance Scan 1384 (15.298 min): BN013669.D\data.ms (-1378) (-)



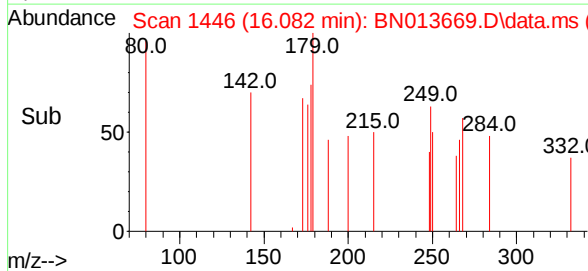
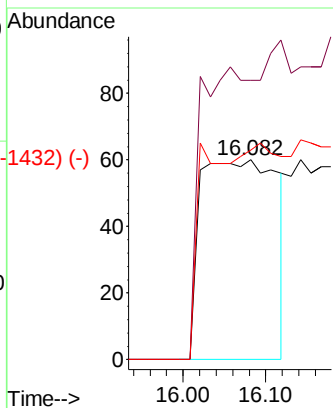
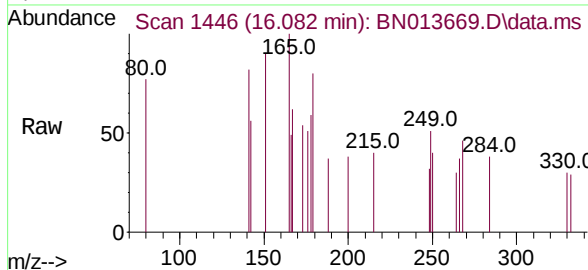
Abundance Scan 1473 (16.410 min): BN013594.D\data.ms (-1432) (-)



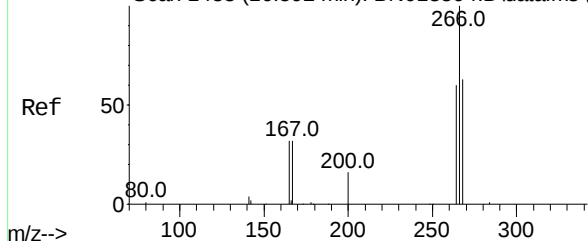
Atrazine
Concen: 0.04 ng
RT: 16.082 min Scan# 1446
Delta R.T. -0.328 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
200	100		
173	140.0	18.6	28.0#
215	105.0	41.0	61.6#

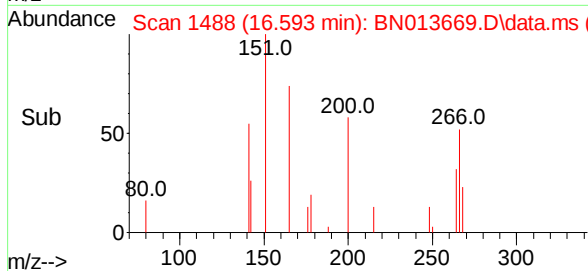
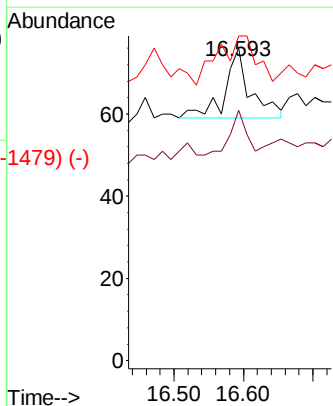
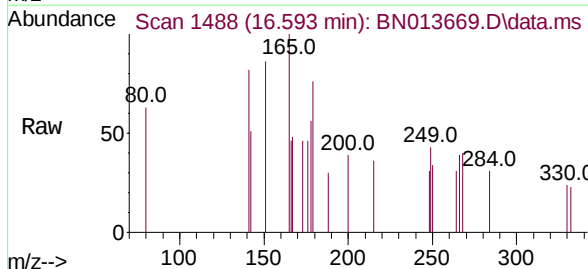


Abundance Scan 1488 (16.592 min): BN013594.D\data.ms (-1424) (-)

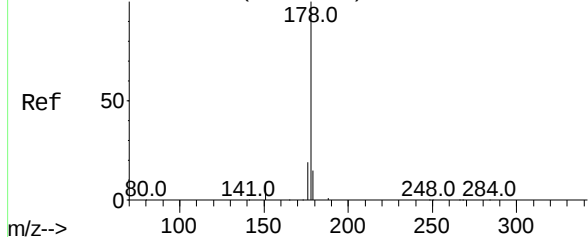


Pentachlorophenol
Concen: 0.21 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.012 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Tgt Ion	Ratio	Lower	Upper
266	100		
264	40.9	51.6	77.4#
268	106.8	54.6	82.0#



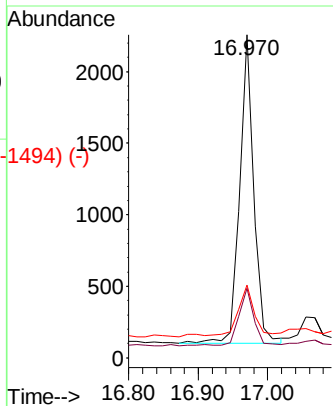
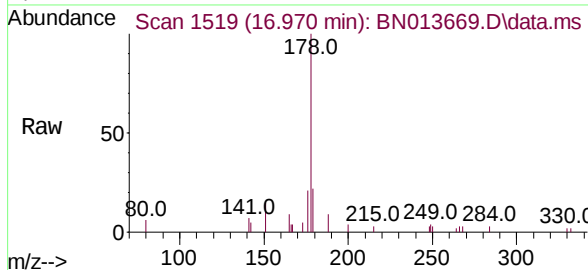
Abundance Scan 1519 (16.970 min): BN013594.D\data.ms (-1525) (-)



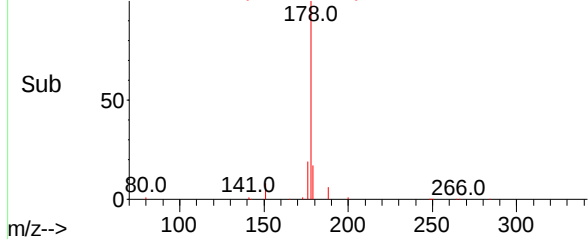
Phenanthrene
Concen: 0.04 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Instrument :
BNA_N
ClientSampleId :
GWBR2-140-148-021621

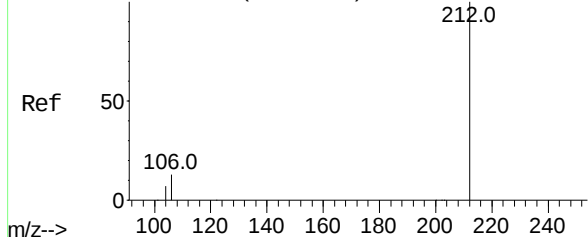
Tgt Ion:178 Resp: 3086
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 17.3 12.3 18.5



Abundance Scan 1519 (16.970 min): BN013669.D\data.ms (-1494) (-)

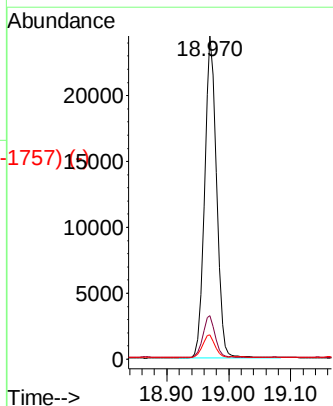
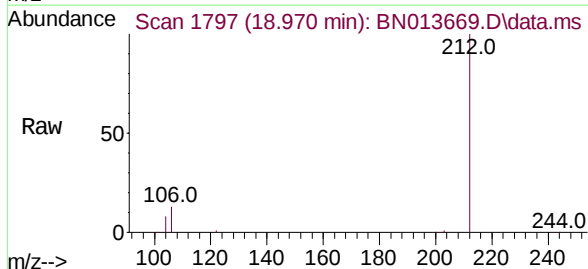


Abundance Scan 1799 (18.972 min): BN013594.D\data.ms (-1725) (-)

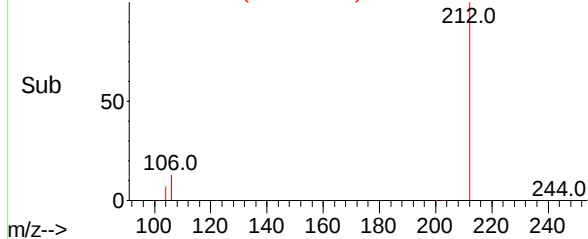


Fluoranthene-d10
Concen: 0.41 ng
RT: 18.970 min Scan# 1797
Delta R.T. -0.002 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

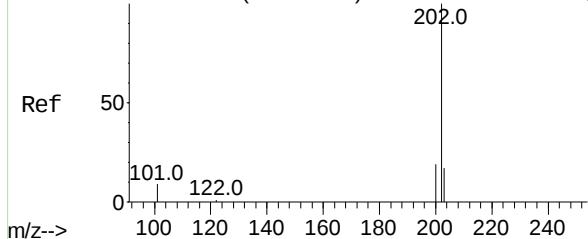
Tgt Ion:212 Resp: 32956
Ion Ratio Lower Upper
212 100
106 13.0 9.7 14.5
104 7.2 5.5 8.3



Abundance Scan 1797 (18.970 min): BN013669.D\data.ms (-1757) (-)



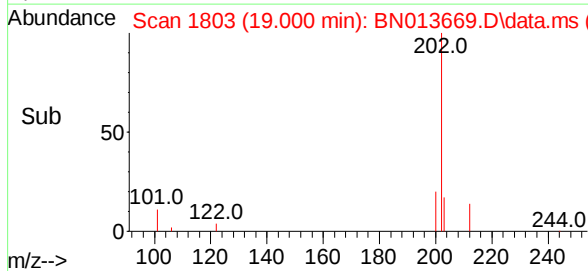
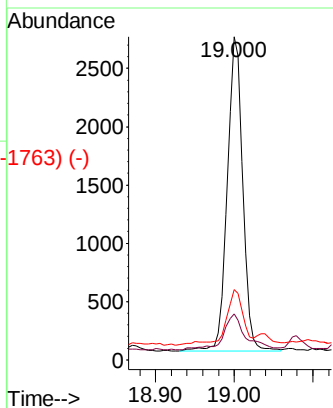
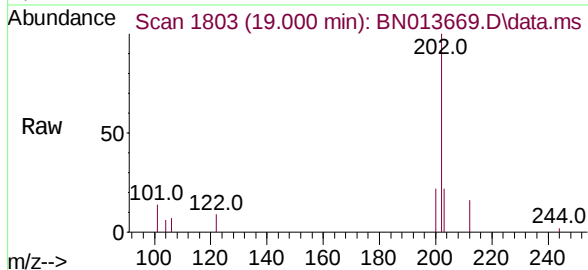
Abundance Scan 1806 (19.007 min): BN013594.D\data.ms (-1728) (-)



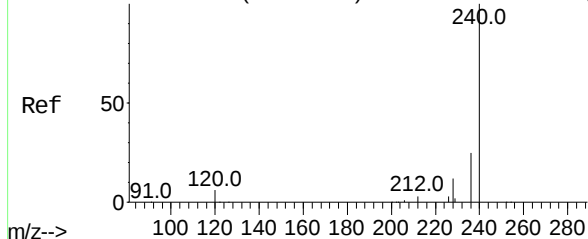
Fluoranthene
Concen: 0.04 ng
RT: 19.000 min Scan# 1803
Delta R.T. -0.002 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Instrument :
BNA_N
ClientSampleId :
GWBR2-140-148-021621

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.2	8.1	12.1#
203	17.6	13.9	20.9

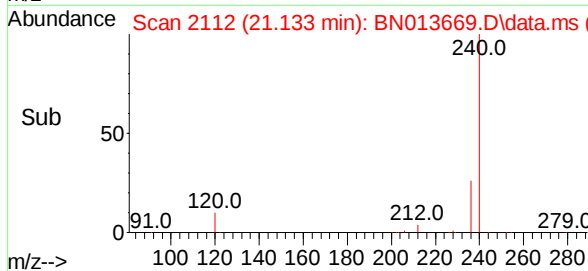
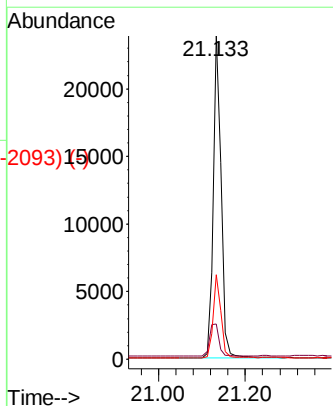
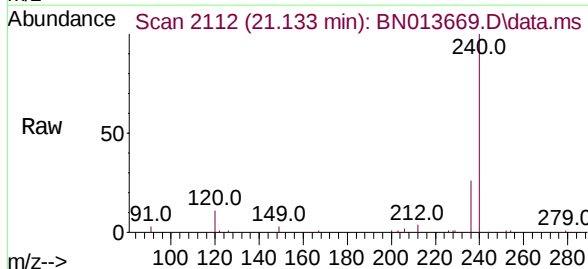


Abundance Scan 2114 (21.141 min): BN013594.D\data.ms (-2129) (-)

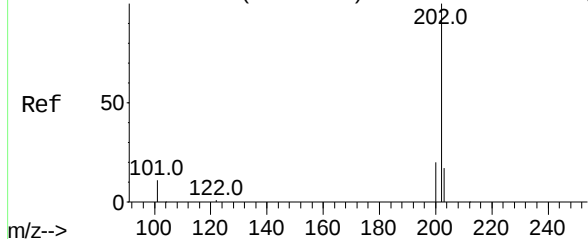


Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.2	15.4
236	26.1	21.3	31.9



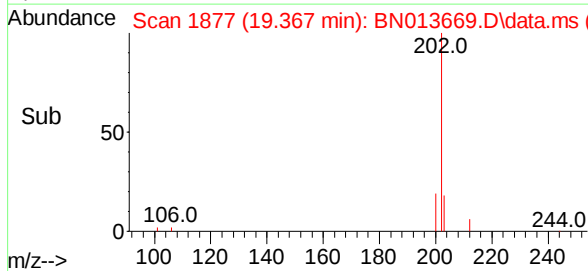
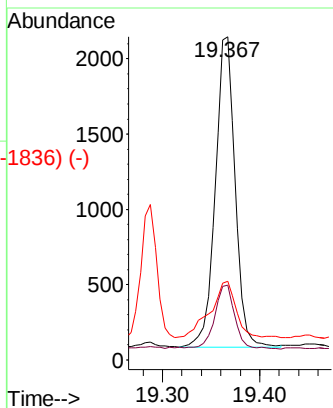
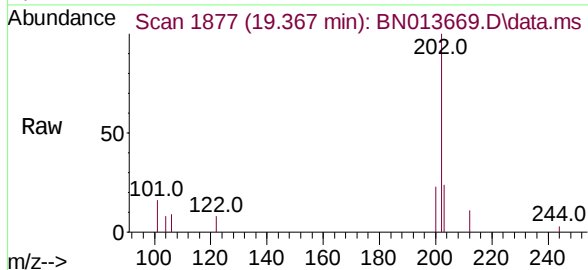
Abundance Scan 1879 (19.369 min): BN013594.D\data.ms (-1836) (-)



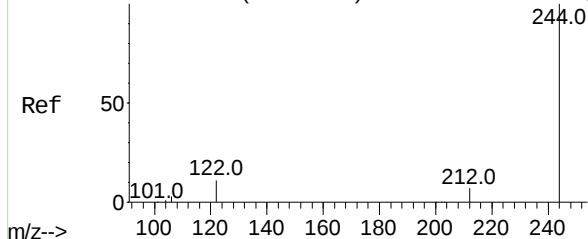
Pyrene
Concen: 0.03 ng
RT: 19.367 min Scan# 1877
Delta R.T. 0.003 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Instrument :
BNA_N
ClientSampleId :
GWBR2-140-148-021621

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	24.3	14.0	21.0#

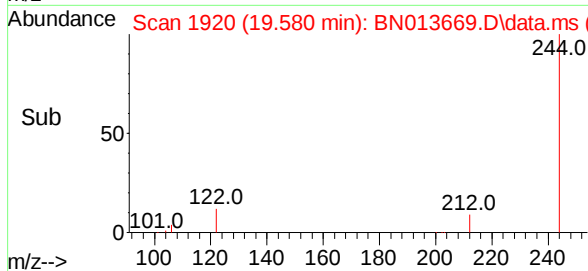
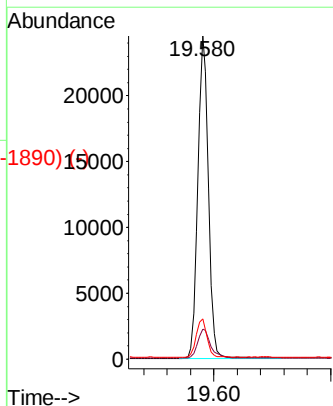
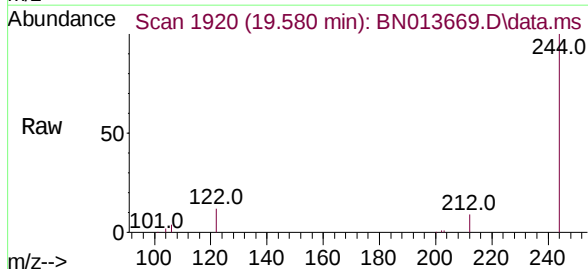


Abundance Scan 1923 (19.588 min): BN013594.D\data.ms (-1890) (-)



Terphenyl-d14
Concen: 0.44 ng
RT: 19.580 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

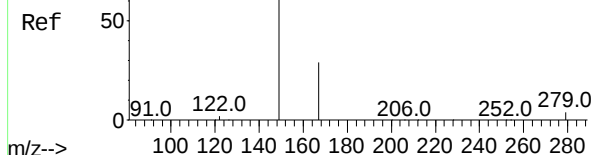
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.1	9.1#
122	12.4	9.8	14.8



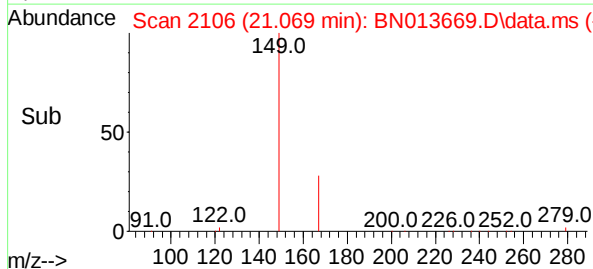
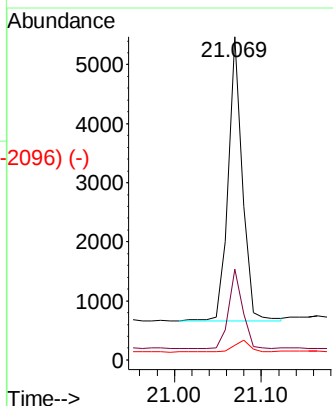
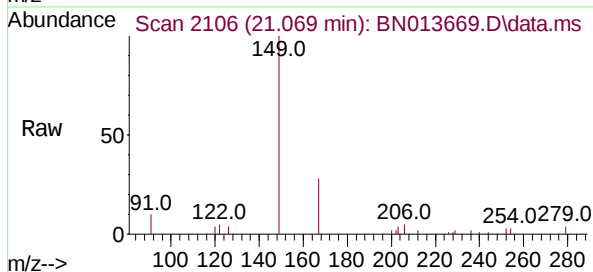
Abundance Scan 2108 (21.077 min): BN013594.D\data.ms (-2108) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.069 min Scan# 2106
Delta R.T. 0.002 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Instrument :
BNA_N
ClientSampleId :
GWBR2-140-148-021621



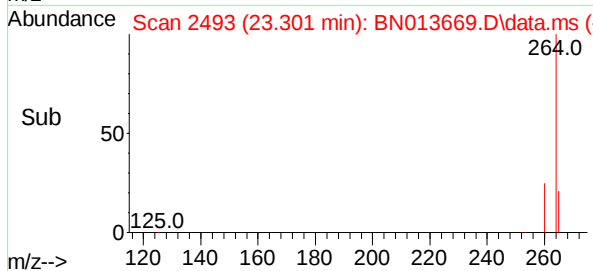
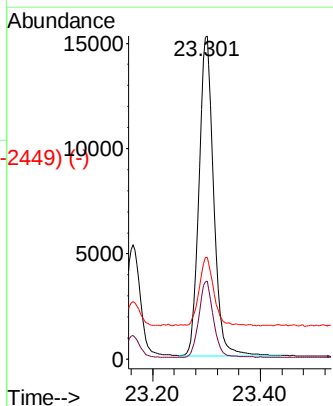
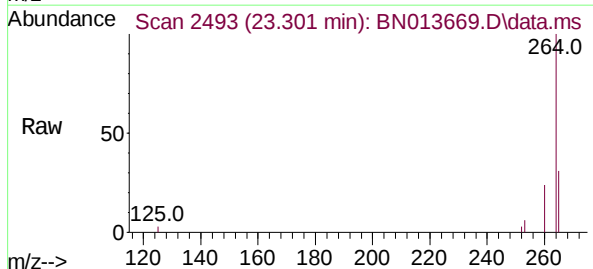
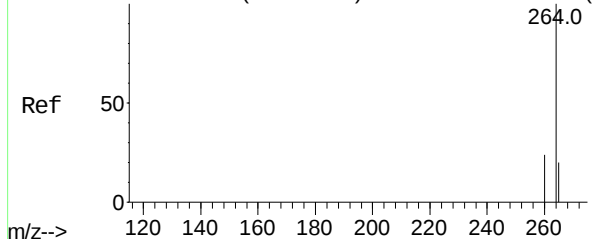
Tgt Ion:	149	Resp:	5426
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.1	33.1
279	4.6	3.5	5.3



Abundance Scan 2496 (23.305 min): BN013594.D\data.ms (-2496) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.301 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

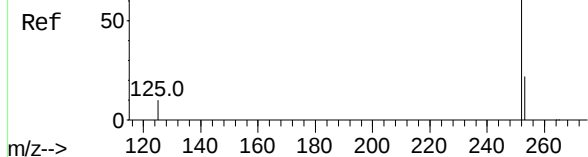
Tgt Ion:	264	Resp:	28554
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.3	28.9
265	31.4	66.2	99.4#



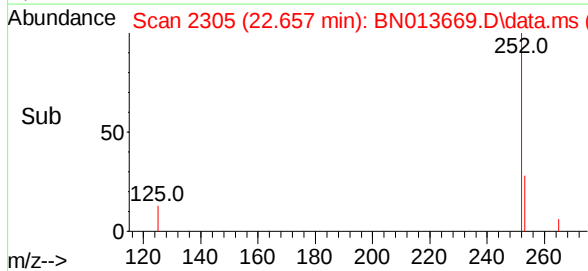
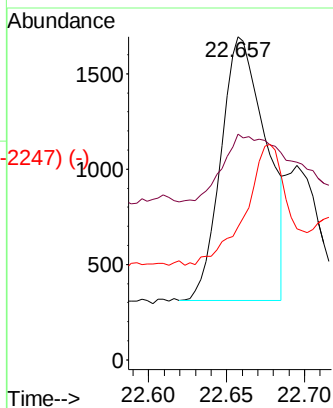
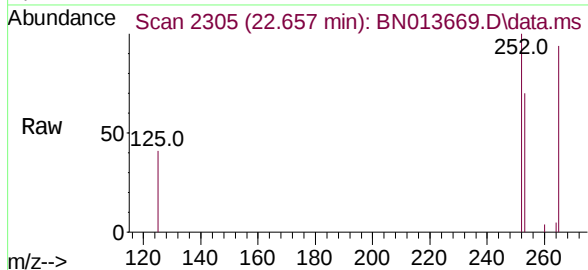
Abundance Scan 2308 (22.661 min): BN013594.D\data.ms (-2307) (-)

Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.657 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Instrument :
BNA_N
ClientSampleId :
GWBR2-140-148-021621



Tgt Ion	Ratio	Lower	Upper
252	100		
253	69.9	20.4	30.6#
125	41.1	11.6	17.4#



Abundance Scan 2320 (22.702 min): BN013594.D\data.ms (-2319) (-)

Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.657 min Scan# 2305
Delta R.T. -0.042 min
Lab File: BN013669.D
Acq: 18 Feb 2021 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	69.9	20.5	30.7#
125	41.1	12.3	18.5#

