

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013767.D
 Acq On : 25 Feb 2021 14:24
 Operator : CG/JU
 Sample : M1473-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-119-129-022221

Quant Time: Feb 25 14:52:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

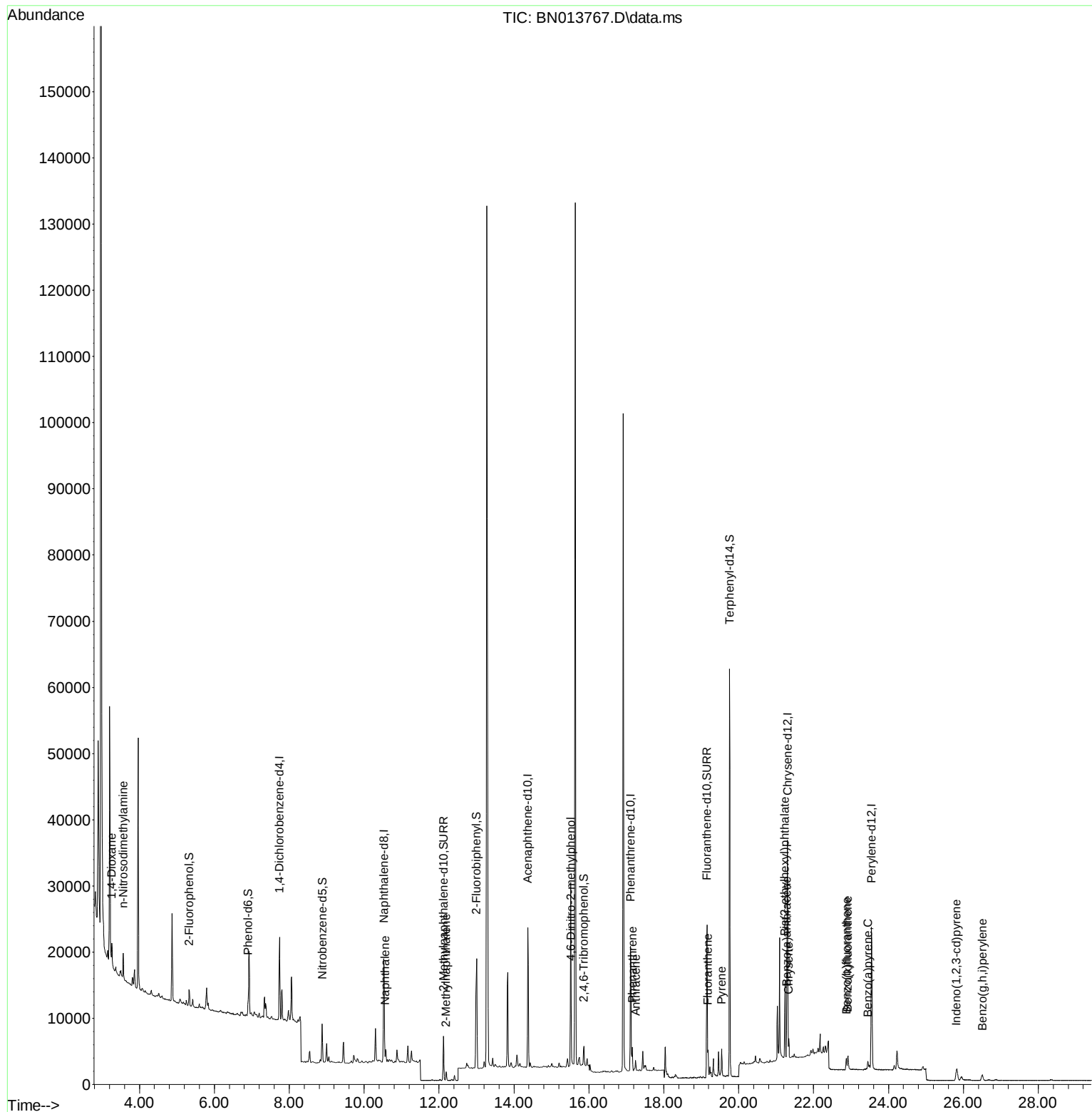
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	5538	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	21938	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	12567	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	27267	0.40	ng	-0.01
29) Chrysene-d12	21.303	240	28131	0.40	ng	# 0.00
36) Perylene-d12	23.547	264	27792	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1995	0.13	ng	0.00
5) Phenol-d6	6.903	99	1475	0.07	ng	0.00
8) Nitrobenzene-d5	8.883	82	4404	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	8608	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	2417	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	13422	0.30	ng	0.00
27) Fluoranthene-d10	19.154	212	24913	0.31	ng	0.00
31) Terphenyl-d14	19.759	244	58300	0.94	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	1936	0.29	ng	# 53
3) n-Nitrosodimethylamine	3.569	42	375	0.07	ng	# 1
9) Naphthalene	10.568	128	2550	0.05	ng	# 88
12) 2-Methylnaphthalene	12.191	142	933	0.02	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.526	198	88	0.05	ng	# 1
25) Phenanthrene	17.165	178	3663	0.05	ng	98
26) Anthracene	17.250	178	1578	0.02	ng	97
28) Fluoranthene	19.183	202	3360	0.04	ng	# 92
30) Pyrene	19.546	202	3472	0.04	ng	96
32) Benzo(a)anthracene	21.282	228	2330	0.03	ng	# 89
33) Chrysene	21.335	228	2230	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.239	149	10172	0.25	ng	99
35) Indeno(1,2,3-cd)pyrene	25.810	276	2080	0.02	ng	95
37) Benzo(b)fluoranthene	22.873	252	2255	0.03	ng	# 64
38) Benzo(k)fluoranthene	22.921	252	2069	0.02	ng	# 38
39) Benzo(a)pyrene	23.451	252	1921	0.02	ng	# 56
41) Benzo(g,h,i)perylene	26.505	276	1752	0.02	ng	# 77

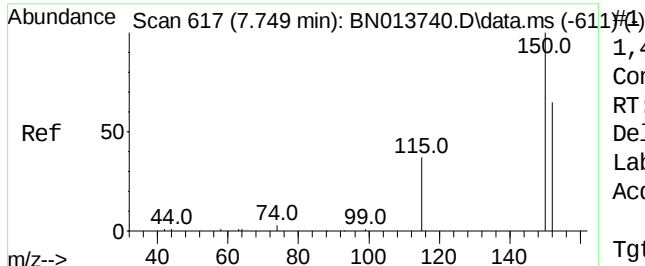
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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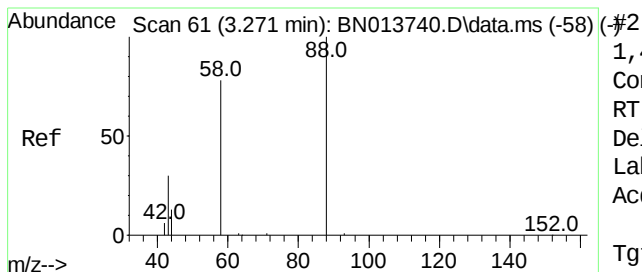
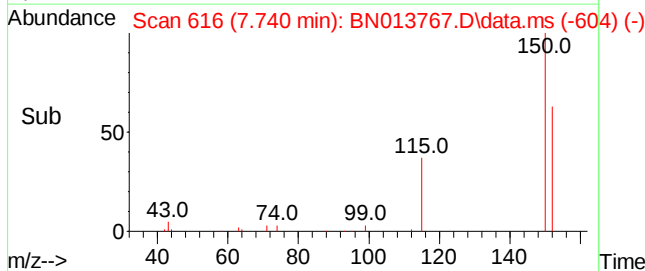
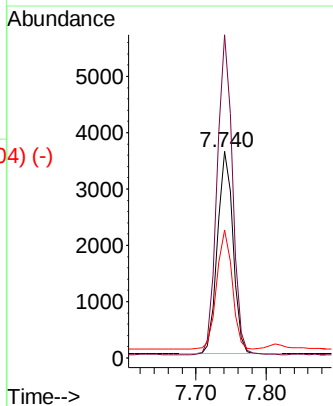
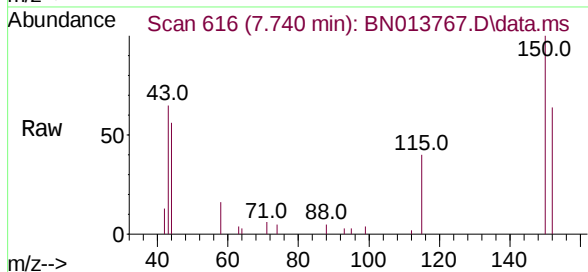




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.740 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

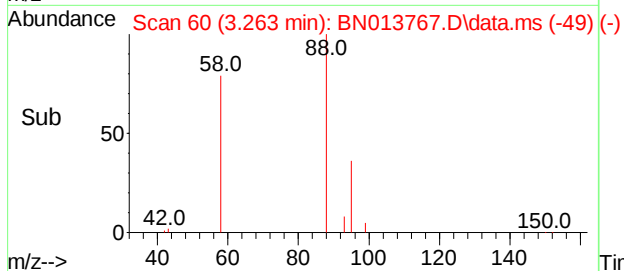
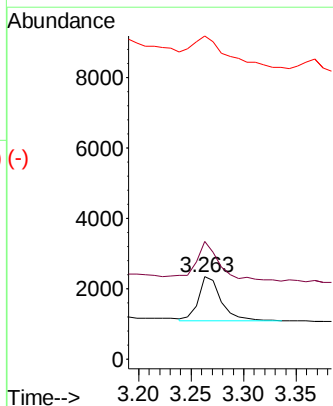
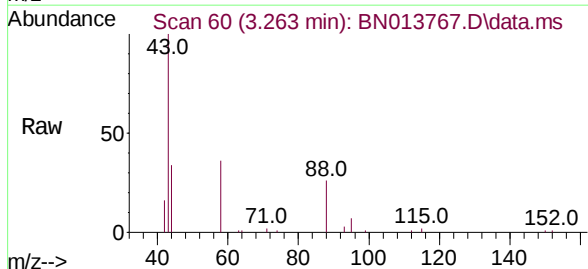
Instrument :
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 GWBR1-119-129-022221

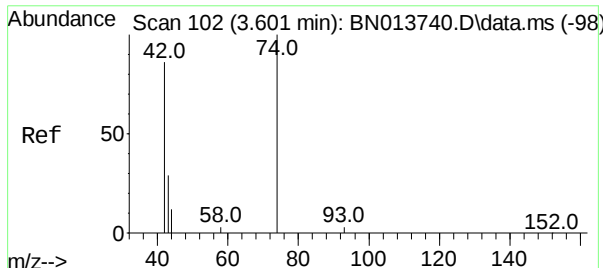
Tgt Ion:	152	Resp:	5538
Ion	Ratio	Lower	Upper
152	100		
150	156.5	121.8	182.8
115	62.1	46.6	69.8



1,4-Dioxane
 Concen: 0.29 ng
 RT: 3.263 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

Tgt Ion:	88	Resp:	1936
Ion	Ratio	Lower	Upper
88	100		
58	93.8	64.6	96.8
43	105.3	26.6	40.0#

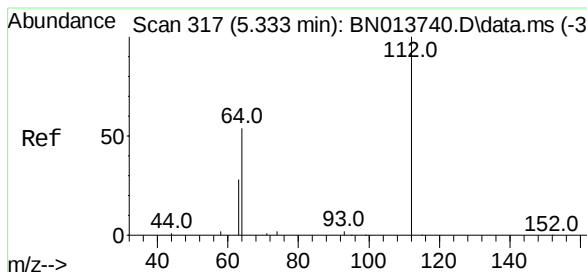
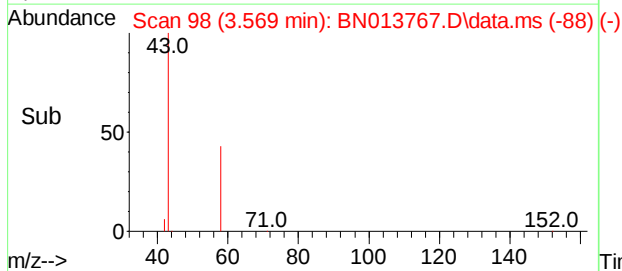
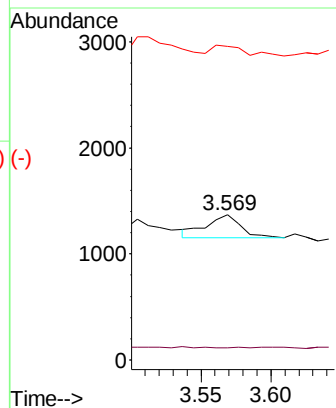
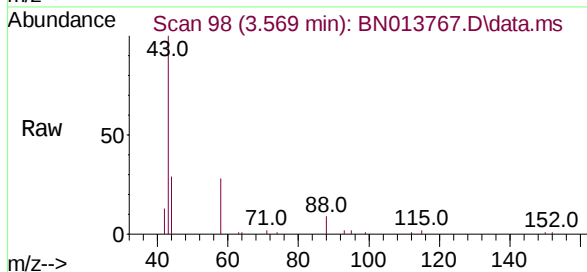




n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.569 min Scan# 98
Delta R.T. -0.016 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

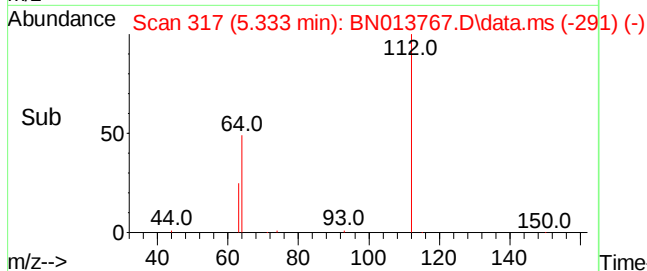
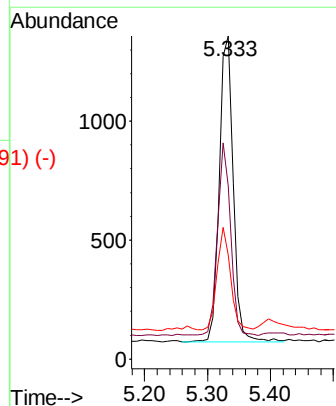
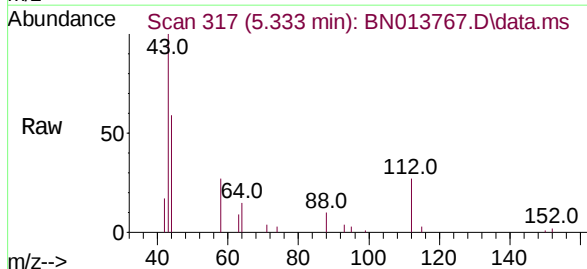
Instrument :
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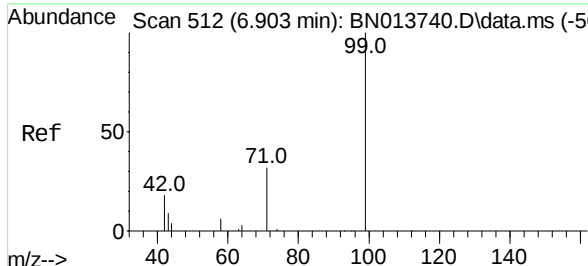
Tgt Ion: 42 Resp: 375
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 40.3 5.8 8.8#



2-Fluorophenol
Concen: 0.13 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion: 112 Resp: 1995
Ion Ratio Lower Upper
112 100
64 58.6 44.3 66.5
63 31.9 23.0 34.6

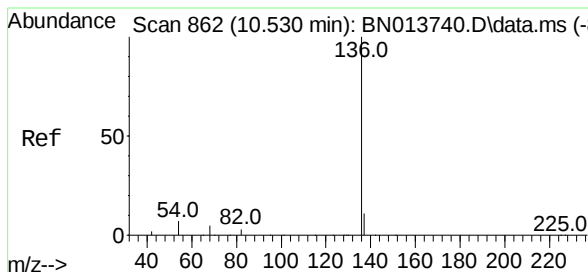
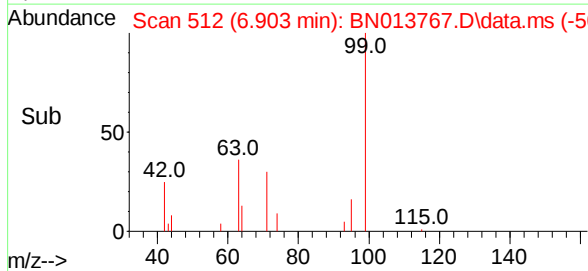
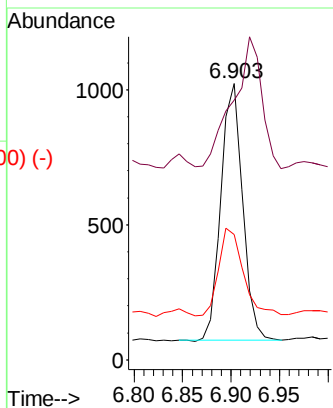
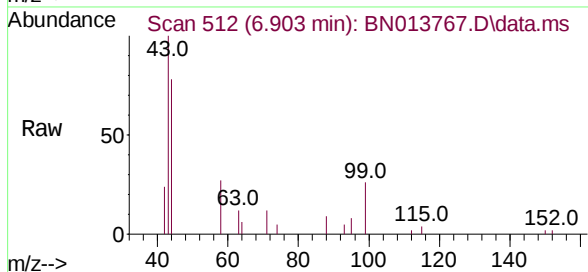




Phenol-d6
 Concen: 0.07 ng
 RT: 6.903 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

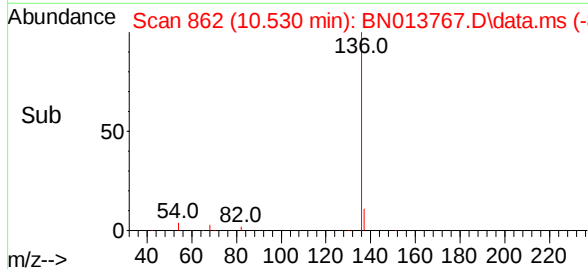
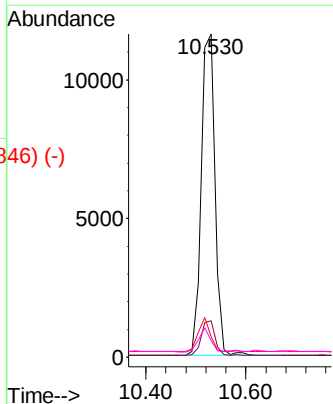
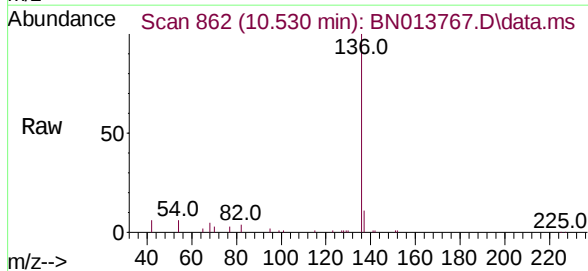
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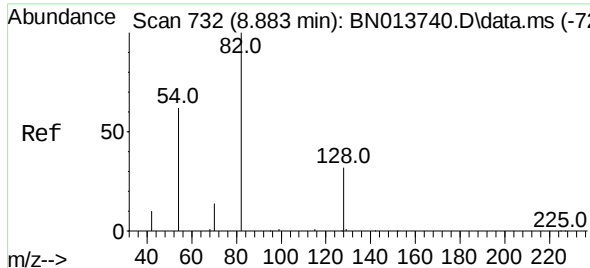
Tgt Ion:	99	Resp:	1475
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	38.5	26.1	39.1



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.530 min Scan# 862
 Delta R.T. -0.000 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

Tgt Ion:	136	Resp:	21938
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.3	6.4	9.6#
68	5.1	4.5	6.7

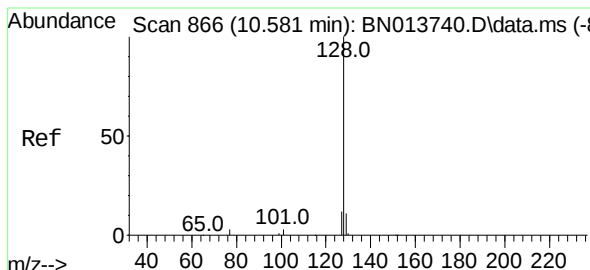
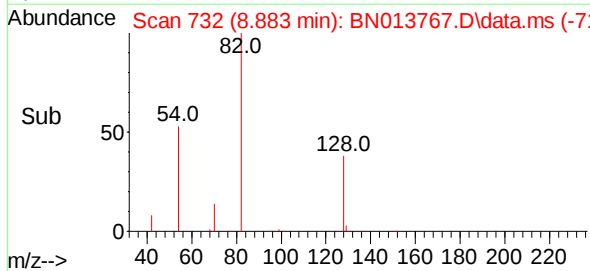
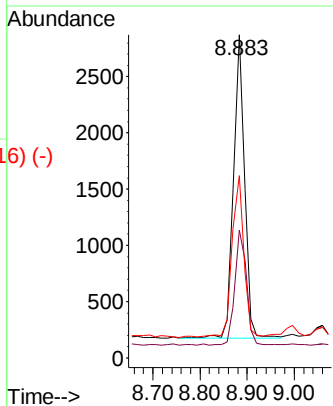
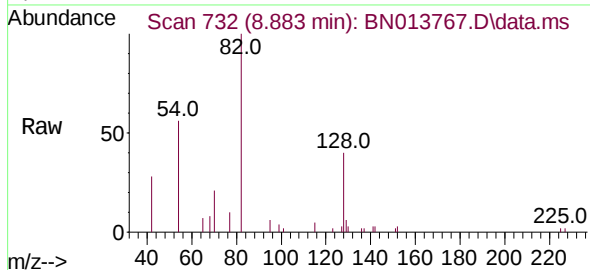




Nitrobenzene-d5
 Concen: 0.31 ng
 RT: 8.883 min Scan# 732
 Delta R.T. -0.000 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

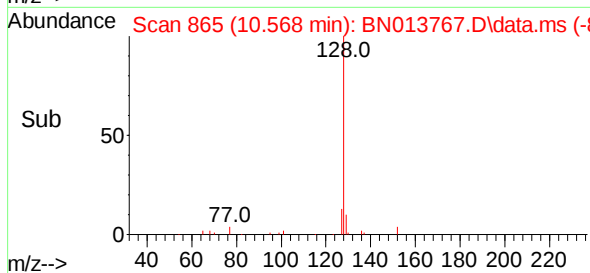
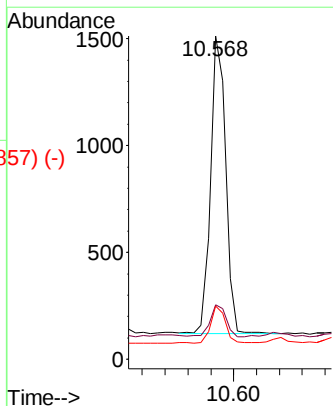
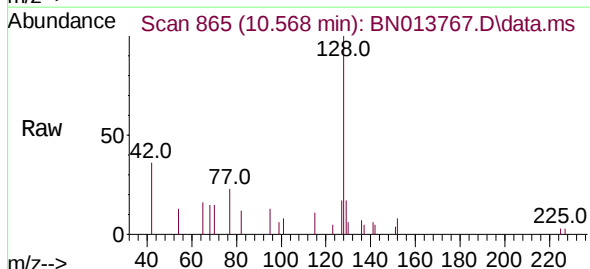
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Tgt Ion:	82	Resp:	4404
Ion	Ratio	Lower	Upper
82	100		
128	39.6	39.2	58.8
54	56.5	40.1	60.1



Naphthalene
 Concen: 0.05 ng
 RT: 10.568 min Scan# 865
 Delta R.T. -0.000 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

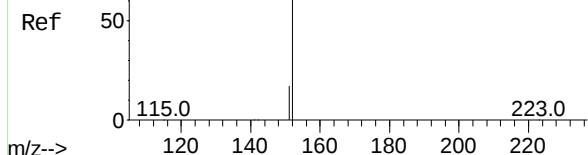
Tgt Ion:	128	Resp:	2550
Ion	Ratio	Lower	Upper
128	100		
129	16.9	9.0	13.4#
127	16.5	10.4	15.6#



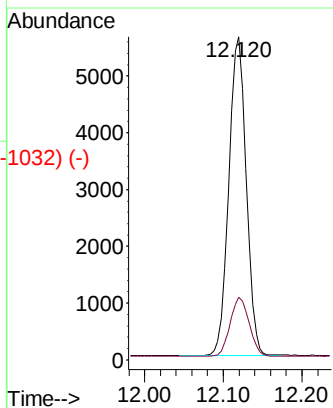
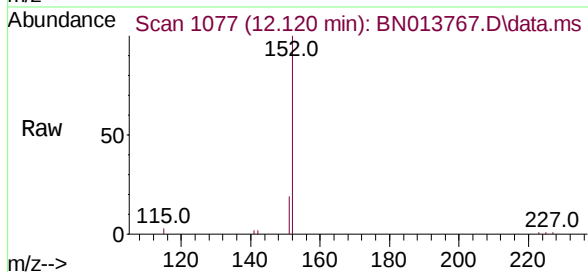
Abundance Scan 1078 (12.124 min): BN013740.D\data.ms (-1031) (-)

2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

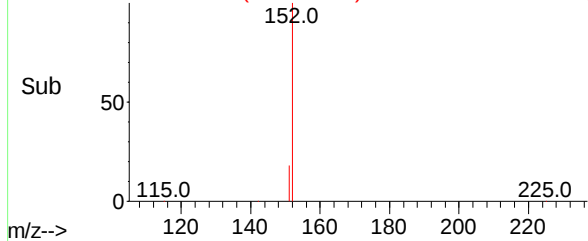
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221



Tgt Ion:152 Resp: 8608
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2



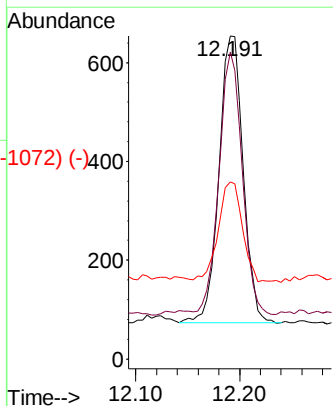
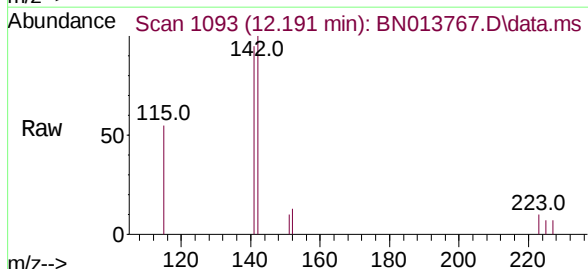
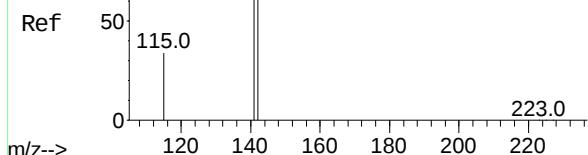
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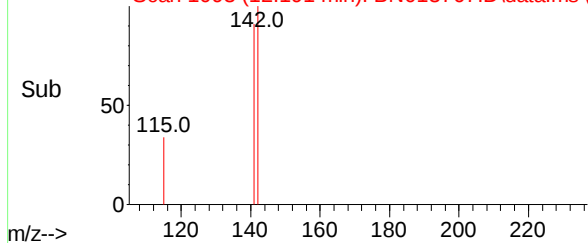
Abundance Scan 1095 (12.200 min): BN013740.D\data.ms (-1095) (-)

2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.191 min Scan# 1093
Delta R.T. -0.005 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:142 Resp: 933
Ion Ratio Lower Upper
142 100
141 95.1 70.5 105.7
115 54.9 27.4 41.0#



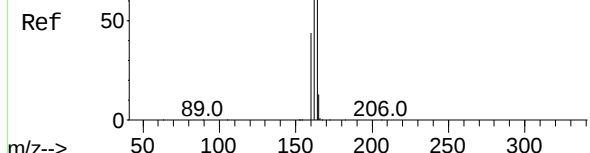
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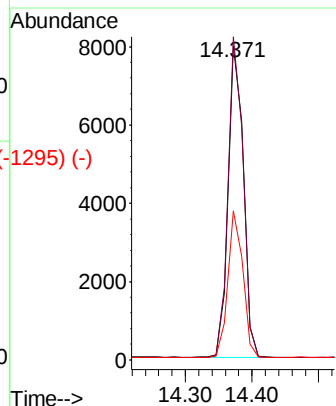
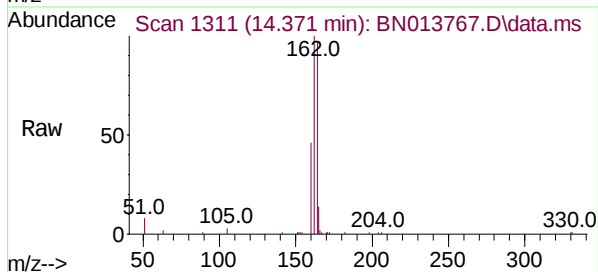
Abundance Scan 1312 (14.384 min): BN013740.D\data.ms (-1295) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013767.D
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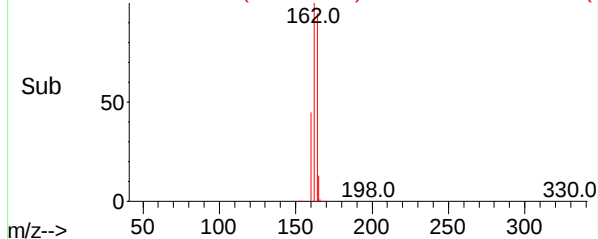
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Tgt Ion:	164	Resp:	12567
Ion Ratio	Lower	Upper	
164	100		
162	102.9	79.6	119.4
160	47.4	36.0	54.0



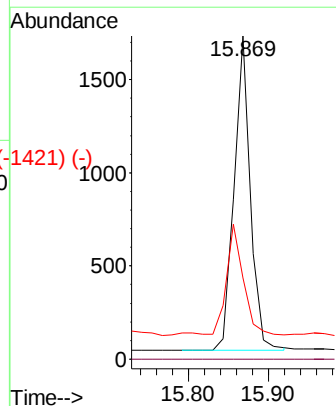
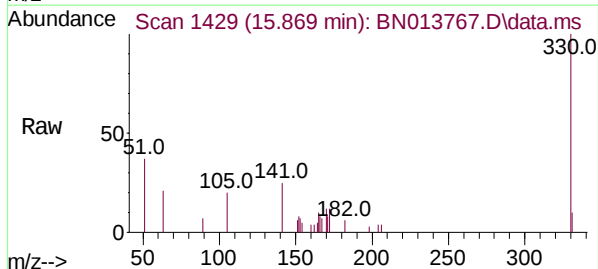
Abundance Scan 1311 (14.371 min): BN013767.D\data.ms (-1295) (-)



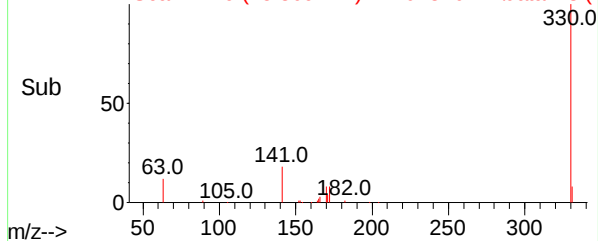
Abundance Scan 1429 (15.869 min): BN013740.D\data.ms (-1421) (-)

2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:	330	Resp:	2417
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	36.0	26.8	40.2



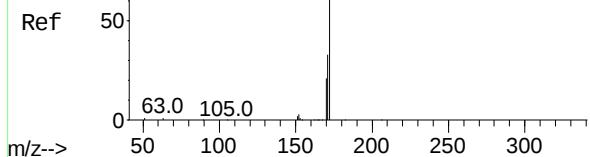
Abundance Scan 1429 (15.869 min): BN013767.D\data.ms (-1421) (-)



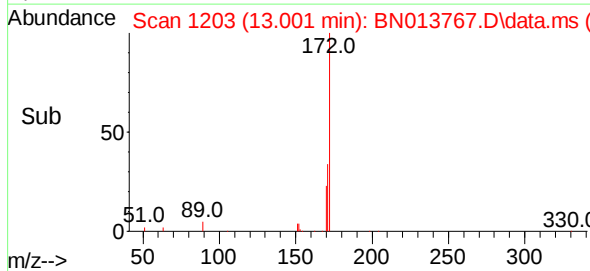
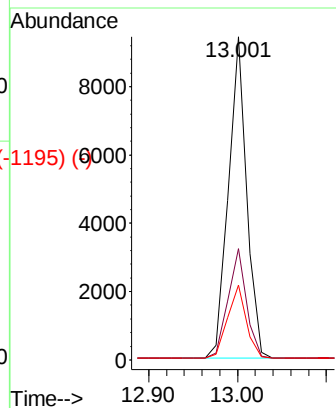
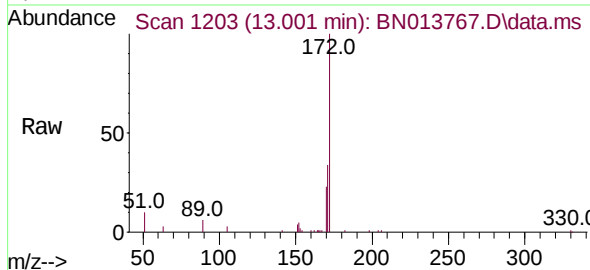
Abundance Scan 1204 (13.014 min): BN013740.D\data.ms (-1205) (-)

2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013767.D
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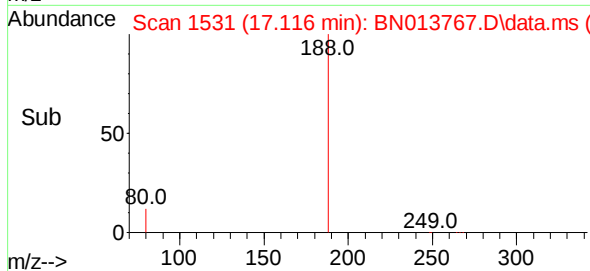
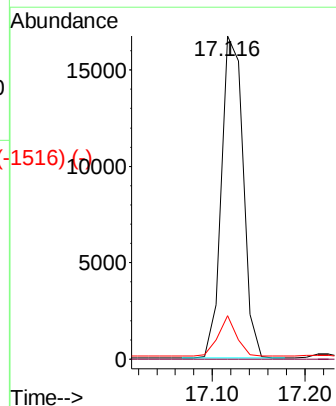
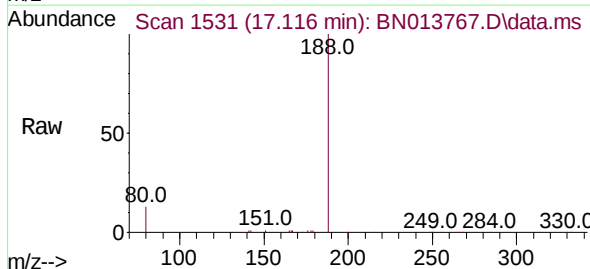
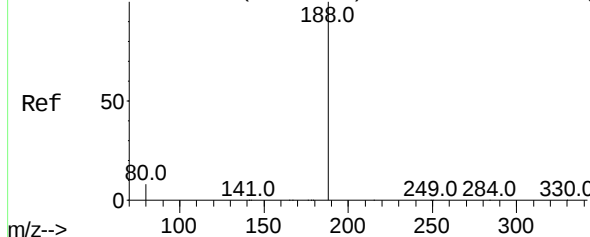
Tgt Ion:	172	Resp:	13422
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	23.1	18.9	28.3



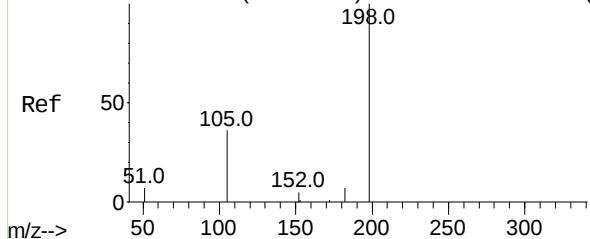
Abundance Scan 1532 (17.128 min): BN013740.D\data.ms (-1526) (-)

Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:	188	Resp:	27267
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	9.0	13.6



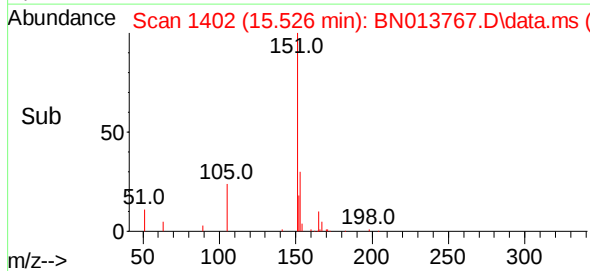
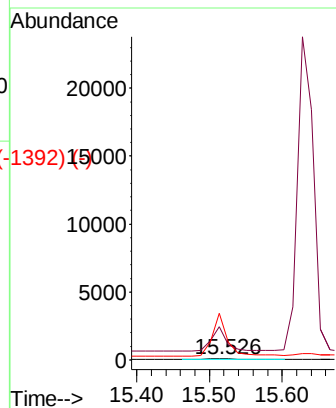
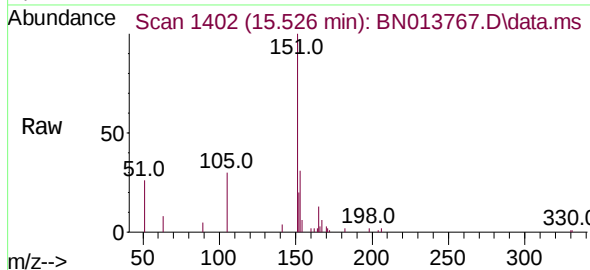
Abundance Scan 1400 (15.501 min): BN013740.D\data.ms (-1326) (-)



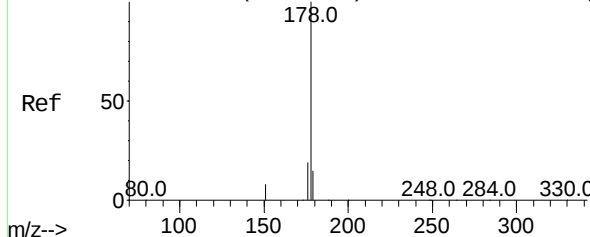
4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.025 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

Tgt Ion:	198	Resp:	88
Ion	Ratio	Lower	Upper
198	100		
51	1258.4	61.7	92.5#
105	1457.3	33.0	49.6#

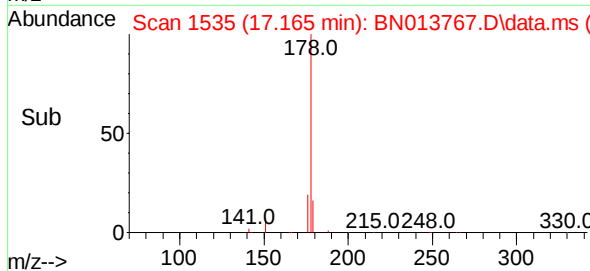
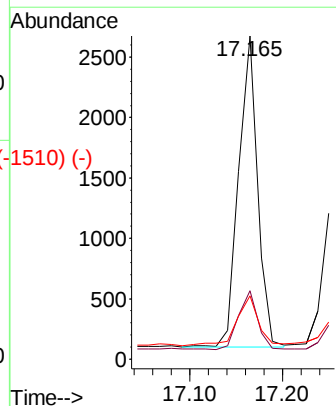
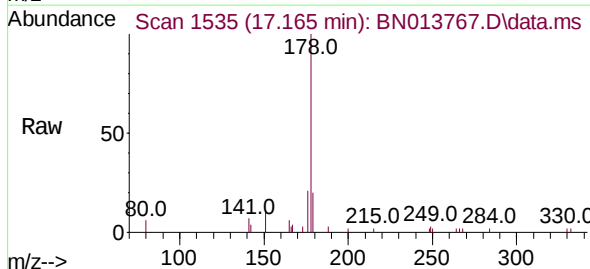


Abundance Scan 1535 (17.165 min): BN013740.D\data.ms (-1525) (-)

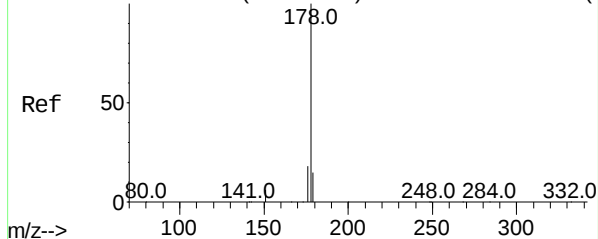


Phenanthrene
Concen: 0.05 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:	178	Resp:	3663
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	17.6	12.3	18.5



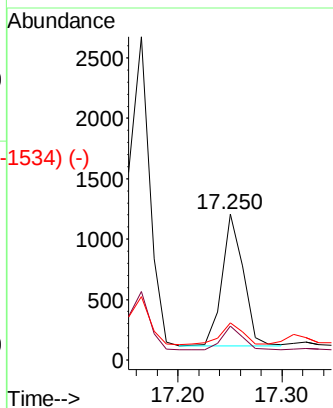
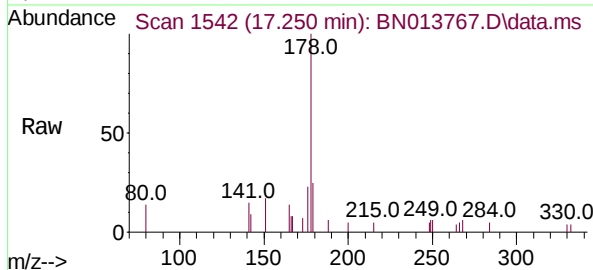
Abundance Scan 1543 (17.262 min): BN013740.D\data.ms (-1534) (-)



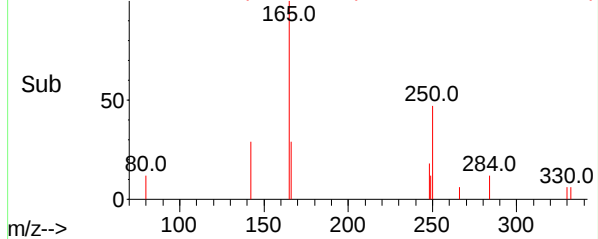
Anthracene
Concen: 0.02 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

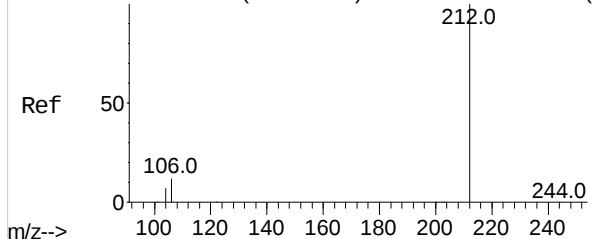
Tgt Ion:	178	Resp:	1578
Ion Ratio	Lower	Upper	
178	100		
176	17.0	14.6	21.8
179	16.8	12.2	18.2



Abundance Scan 1542 (17.250 min): BN013767.D\data.ms (-1534) (-)

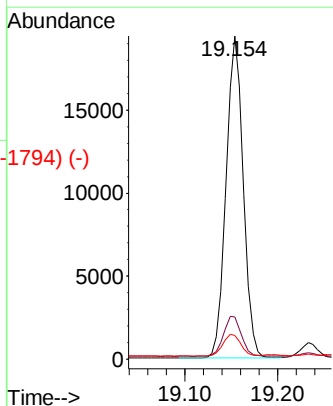
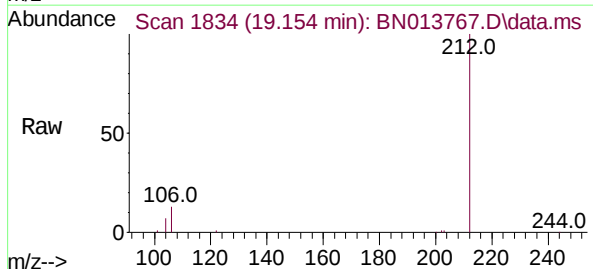


Abundance Scan 1835 (19.159 min): BN013740.D\data.ms (-1825) (-)

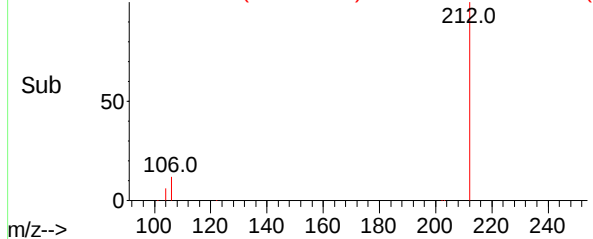


Fluoranthene-d10
Concen: 0.31 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

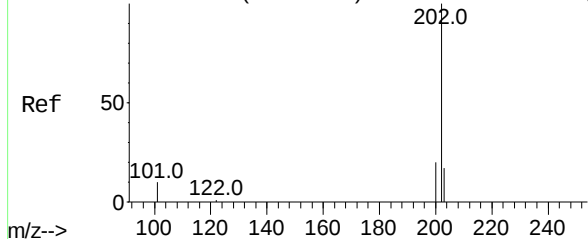
Tgt Ion:	212	Resp:	24913
Ion Ratio	Lower	Upper	
212	100		
106	12.8	9.7	14.5
104	6.9	5.5	8.3



Abundance Scan 1834 (19.154 min): BN013767.D\data.ms (-1794) (-)



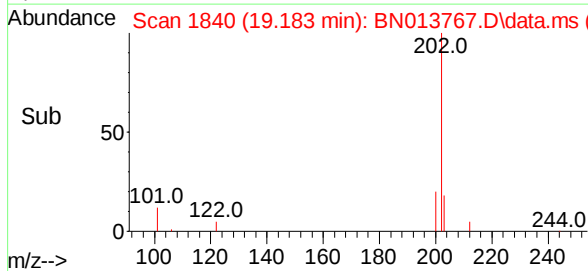
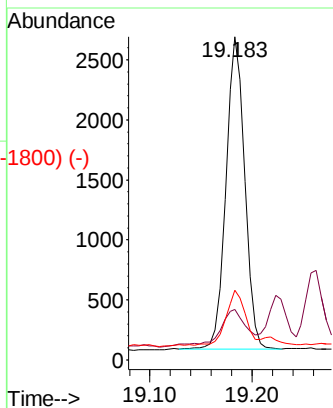
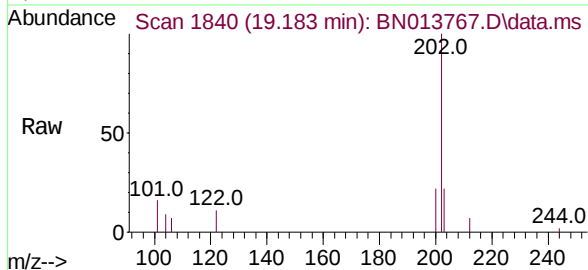
Abundance Scan 1841 (19.188 min): BN013740.D\data.ms (-1800) (-)



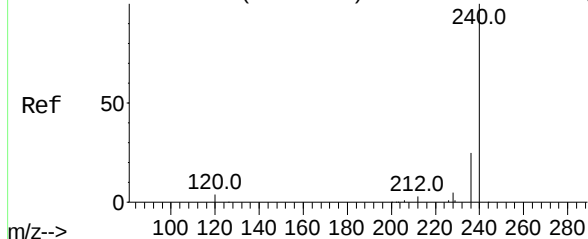
Fluoranthene
Concen: 0.04 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.002 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.6	8.1	12.1#
203	18.1	13.9	20.9

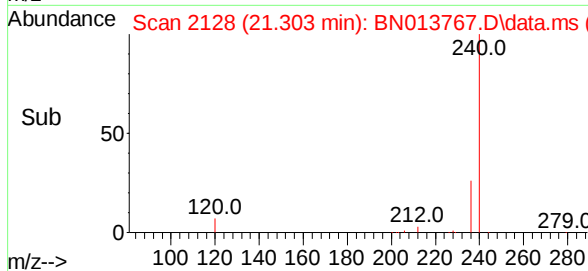
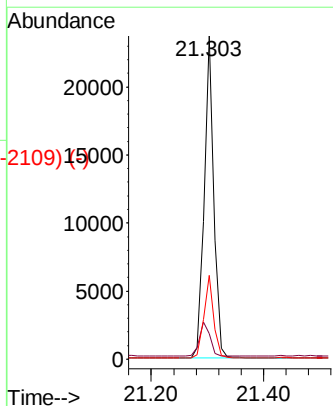
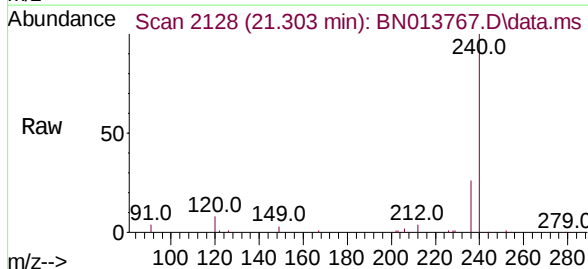


Abundance Scan 2129 (21.314 min): BN013740.D\data.ms (-2129) (-)

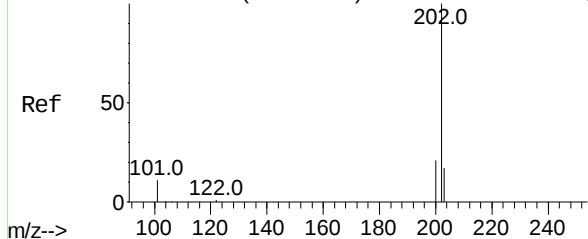


Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	10.2	15.4#
236	25.9	21.3	31.9



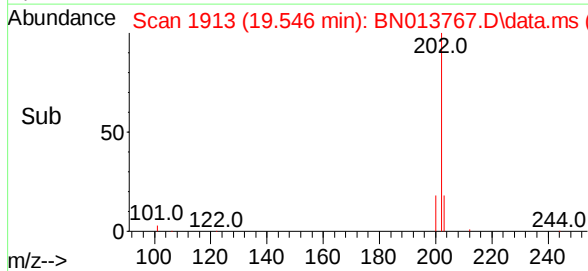
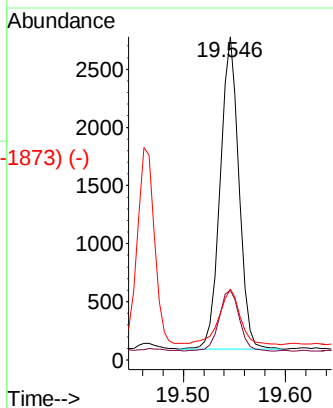
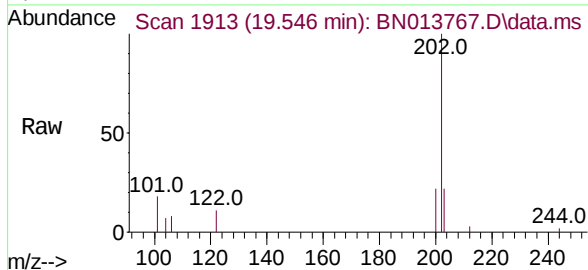
Abundance Scan 1914 (19.551 min): BN013740.D\data.ms (-1930) (-)



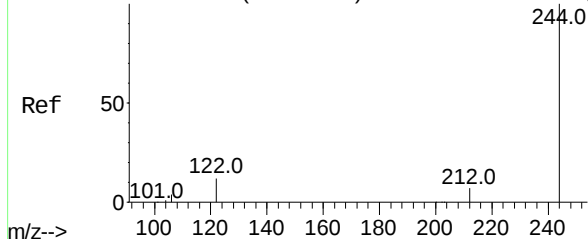
Pyrene
Concen: 0.04 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.002 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

Tgt Ion:	202	Resp:	3472
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	20.1	14.0	21.0

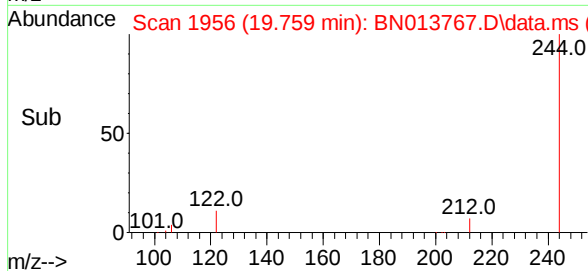
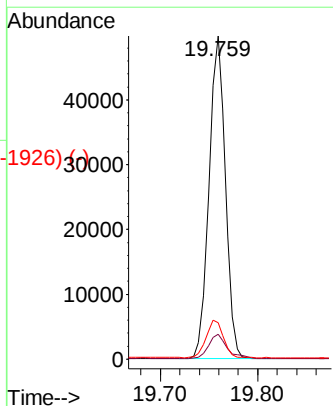
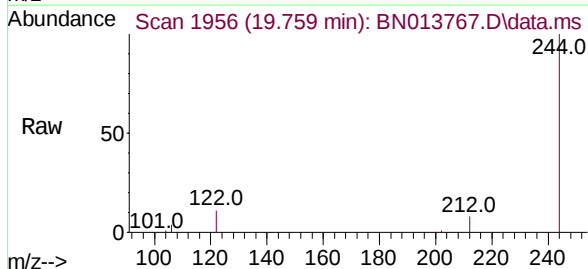


Abundance Scan 1957 (19.764 min): BN013740.D\data.ms (-1930) (-)

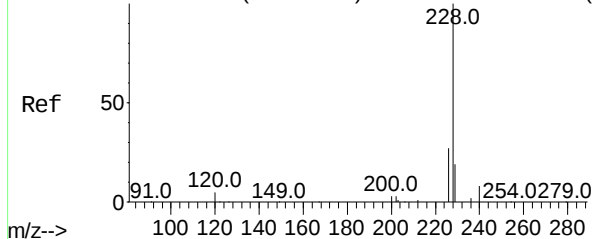


Terphenyl-d14
Concen: 0.94 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:	244	Resp:	58300
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	11.3	9.8	14.8



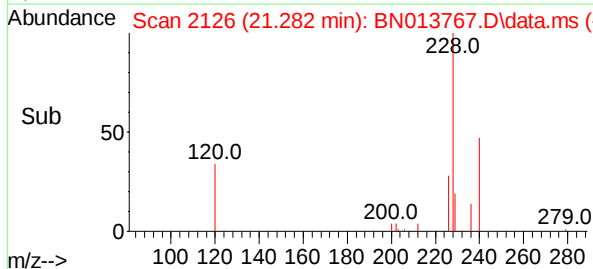
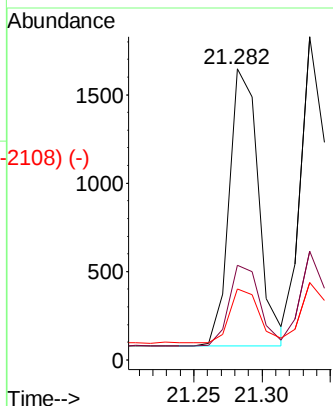
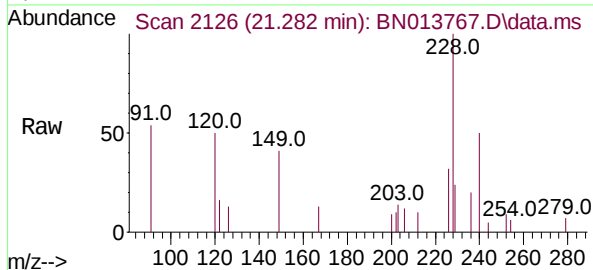
Abundance Scan 2127 (21.293 min): BN013740.D\data.ms (-2127) (-)



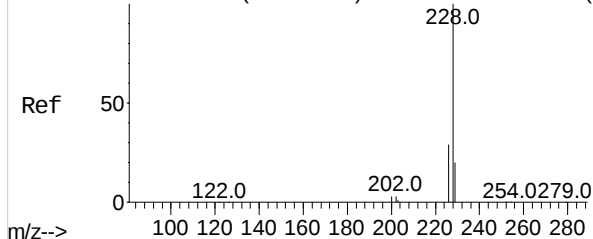
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	20.5	30.7#
229	24.3	16.2	24.4

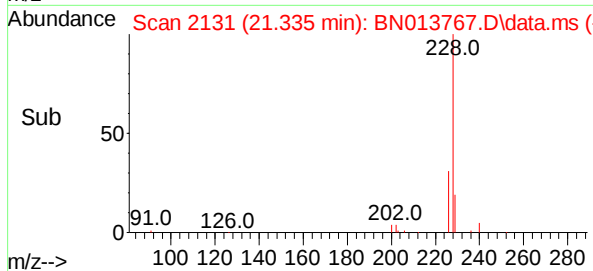
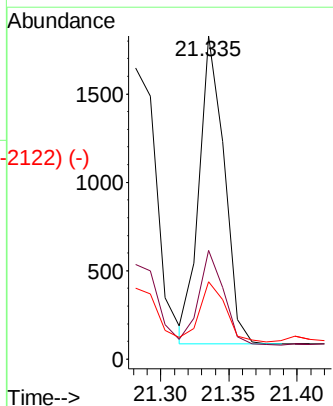
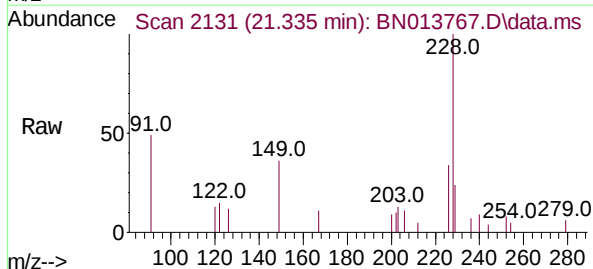


Abundance Scan 2132 (21.346 min): BN013740.D\data.ms (-2132) (-)



Chrysene
Concen: 0.03 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

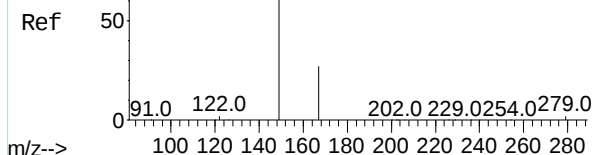
Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.3	36.5
229	23.9	15.1	22.7#



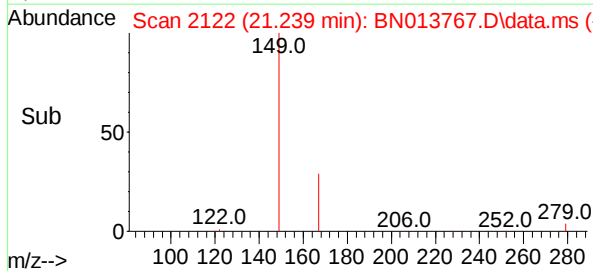
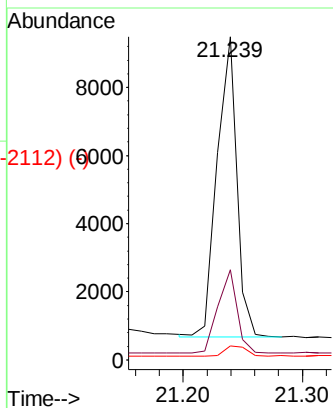
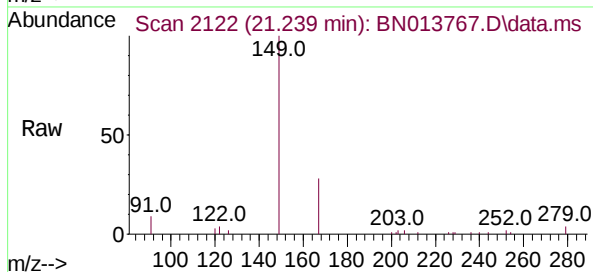
Abundance Scan 2123 (21.250 min): BN013740.D\data.ms (-2123) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221



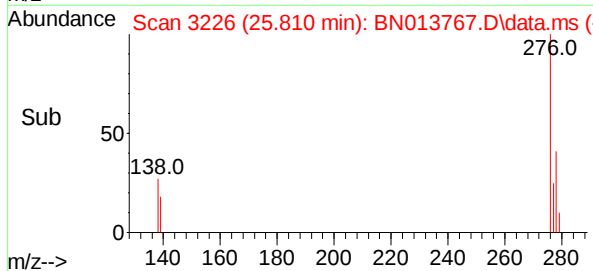
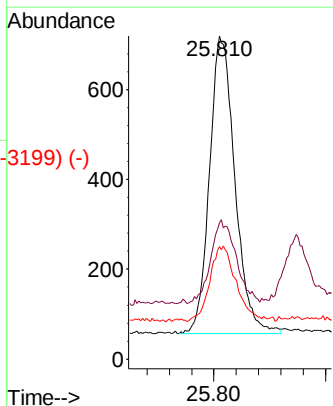
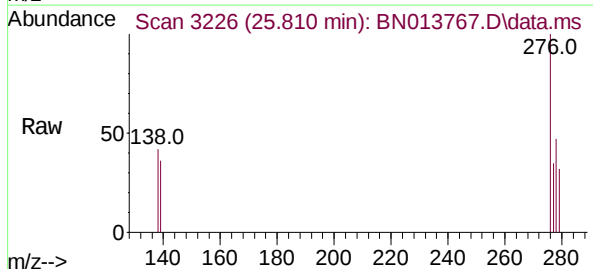
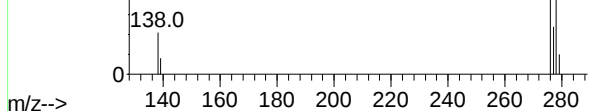
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.1	3.5	5.3



Abundance Scan 3232 (25.831 min): BN013740.D\data.ms (-3232) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.810 min Scan# 3226
Delta R.T. -0.008 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

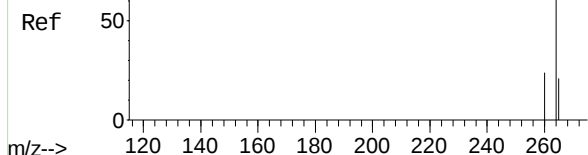
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	19.8	29.6
277	26.3	19.9	29.9



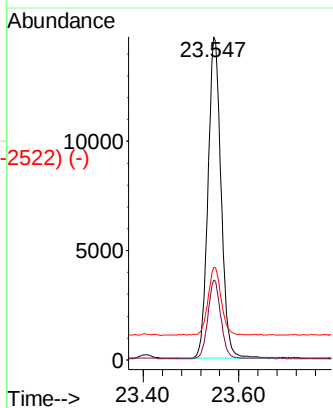
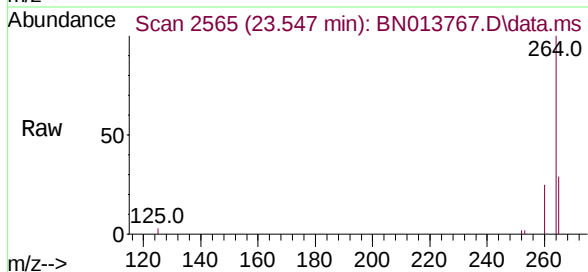
Abundance Scan 2568 (23.558 min): BN013740.D\data.ms (-2538) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.547 min Scan# 2565
Delta R.T. -0.004 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

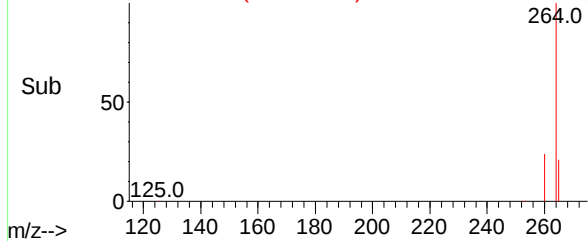
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	28.7	66.2	99.4#



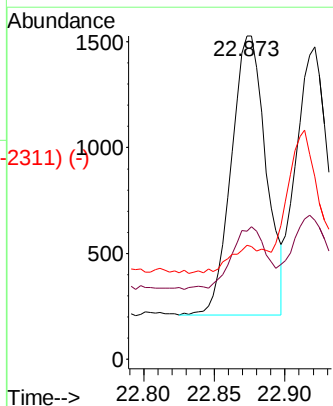
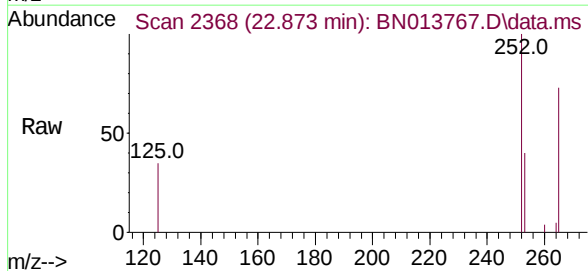
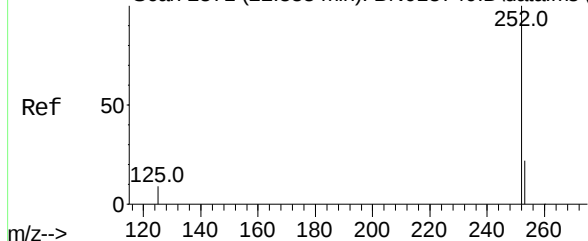
Abundance Scan 2565 (23.547 min): BN013767.D\data.ms (-2522) (-)



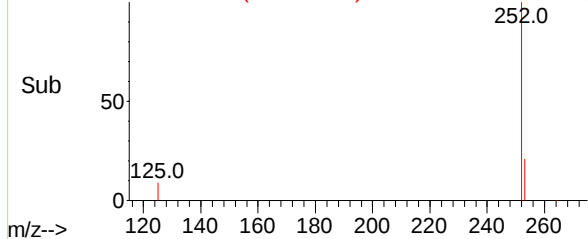
Abundance Scan 2371 (22.883 min): BN013740.D\data.ms (-2337) (-)

Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.873 min Scan# 2368
Delta R.T. -0.004 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.6	20.4	30.6#
125	35.2	11.6	17.4#



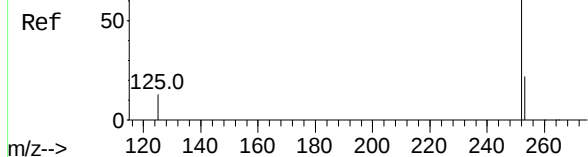
Abundance Scan 2368 (22.873 min): BN013767.D\data.ms (-2311) (-)



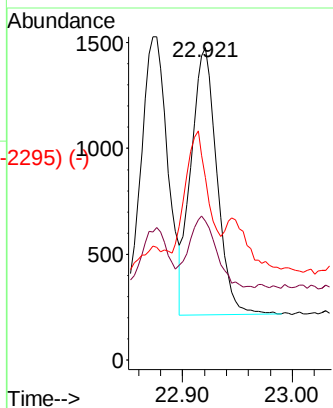
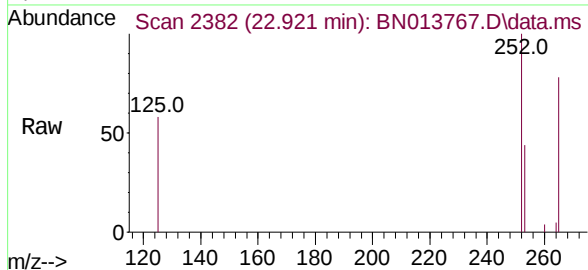
Abundance Scan 2384 (22.928 min): BN013740.D\data.ms (-2384) (-)

Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.921 min Scan# 2382
Delta R.T. -0.001 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

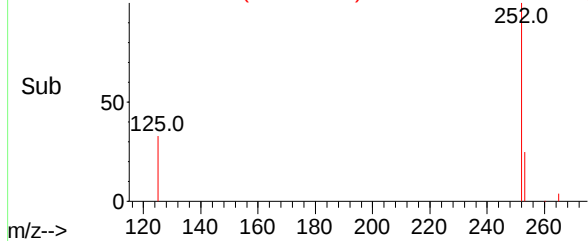
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221



Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.3	20.5	30.7#
125	58.4	12.3	18.5#



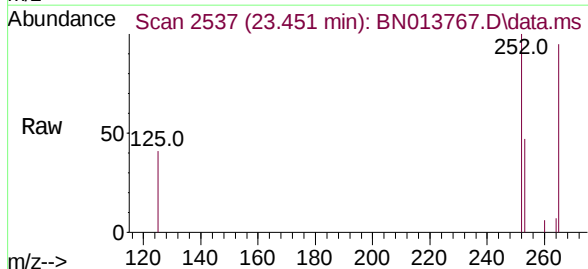
Abundance Scan 2382 (22.921 min): BN013767.D\data.ms (-2295) (-)



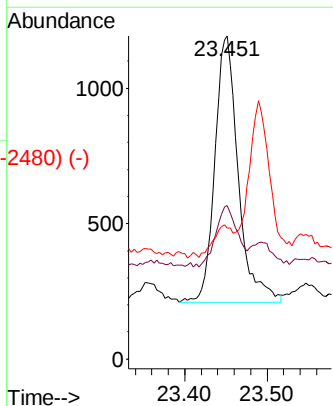
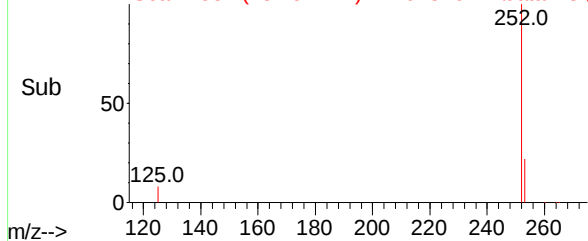
Abundance Scan 2539 (23.458 min): BN013740.D\data.ms (-2529) (-)

Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.451 min Scan# 2537
Delta R.T. -0.004 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

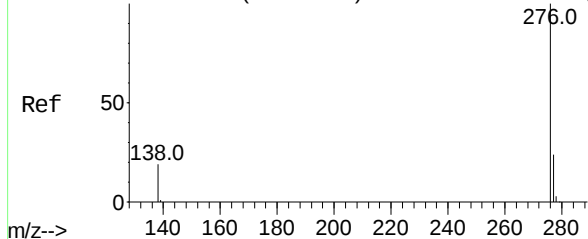
Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.4	21.8	32.6#
125	40.7	14.6	21.8#



Abundance Scan 2537 (23.451 min): BN013767.D\data.ms (-2480) (-)



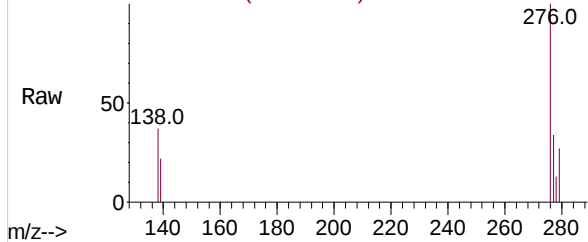
Abundance Scan 3434 (26.522 min): BN013740.D\data.ms (-3434)



Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.505 min Scan# 3429
Delta R.T. -0.004 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

Abundance Scan 3429 (26.505 min): BN013767.D\data.ms



Tgt Ion:	276	Resp:	1752
Ion	Ratio	Lower	Upper
276	100		
277	33.8	20.0	30.0#
138	36.8	17.8	26.8#

Abundance Scan 3429 (26.505 min): BN013767.D\data.ms (-3372) (-)

