

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013764.D
 Acq On : 25 Feb 2021 12:35
 Operator : CG/JU
 Sample : M1473-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW803-20-25-022321

Quant Time: Feb 25 13:06:04 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)

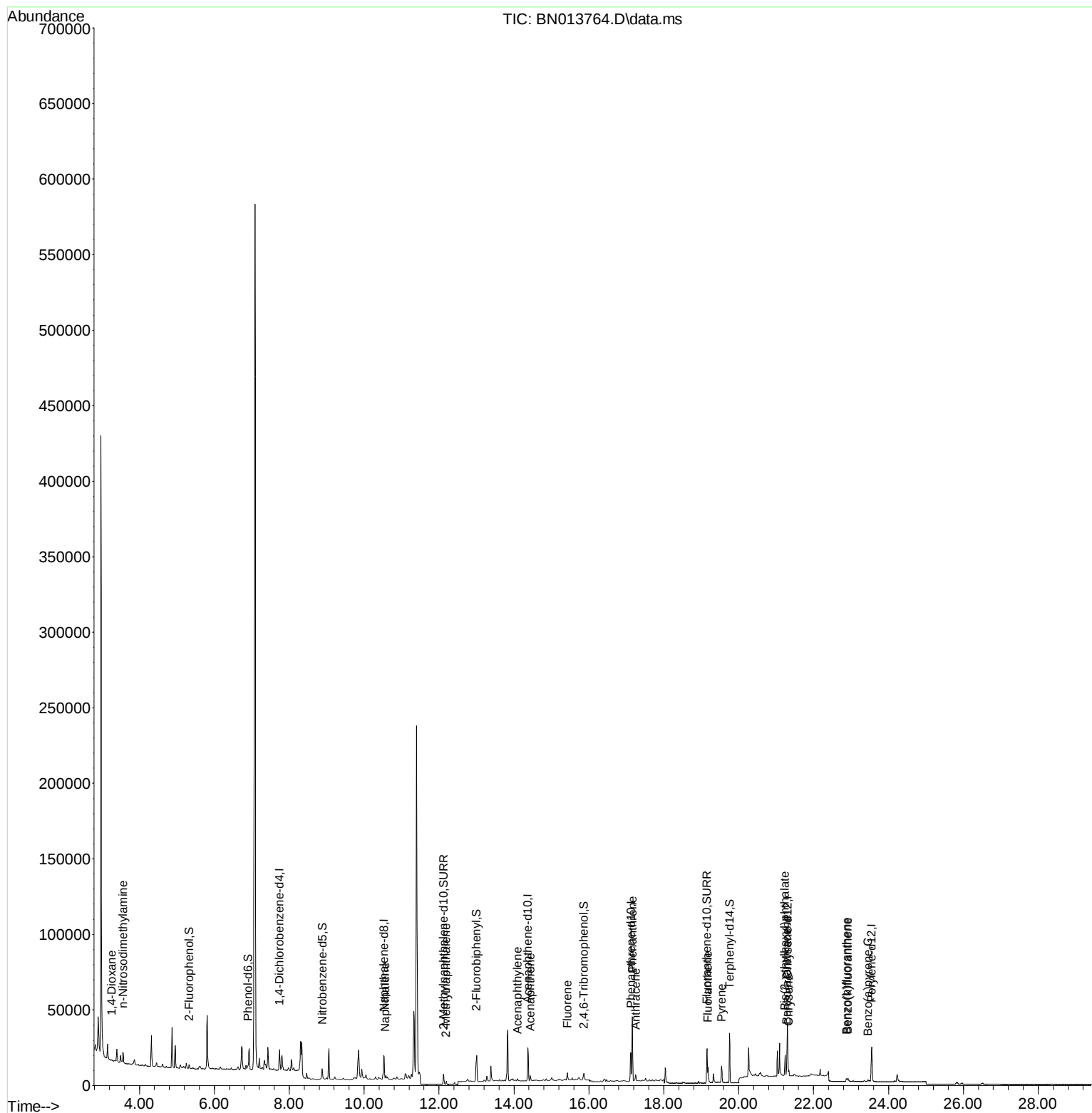
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5687	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	22793	0.40	ng	0.00
13) Acenaphthene-d10	14.372	164	13394	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	28750	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	29652	0.40	ng	# 0.00
36) Perylene-d12	23.551	264	29166	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1912	0.13	ng	0.00
5) Phenol-d6	6.903	99	1581	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	5103	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	8901	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	3384	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	13500	0.29	ng	0.00
27) Fluoranthene-d10	19.154	212	24567	0.29	ng	0.00
31) Terphenyl-d14	19.759	244	30714	0.47	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	162	0.02	ng	# 1
3) n-Nitrosodimethylamine	3.561	42	590	0.11	ng	# 1
9) Naphthalene	10.568	128	2667	0.05	ng	# 85
12) 2-Methylnaphthalene	12.191	142	1357	0.03	ng	# 85
16) Acenaphthylene	14.092	152	1450	0.02	ng	# 90
17) Acenaphthene	14.435	154	1682	0.05	ng	# 86
18) Fluorene	15.425	166	2952	0.06	ng	# 94
25) Phenanthrene	17.165	178	41577	0.55	ng	100
26) Anthracene	17.250	178	4625	0.06	ng	96
28) Fluoranthene	19.183	202	8681	0.10	ng	# 82
30) Pyrene	19.546	202	9379	0.10	ng	97
32) Benzo(a)anthracene	21.282	228	2867	0.03	ng	# 81
33) Chrysene	21.335	228	3093	0.03	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.239	149	11439	0.26	ng	99
37) Benzo(b)fluoranthene	22.877	252	2604	0.03	ng	# 50
38) Benzo(k)fluoranthene	22.921	252	1922	0.02	ng	# 1
39) Benzo(a)pyrene	23.452	252	1713	0.02	ng	# 30

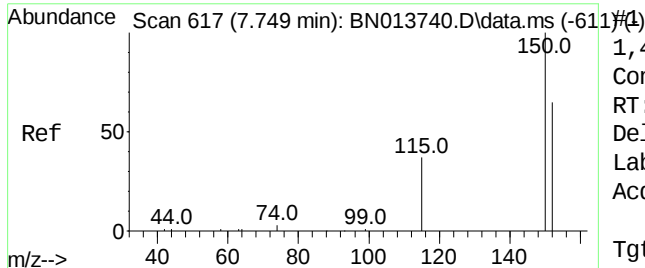
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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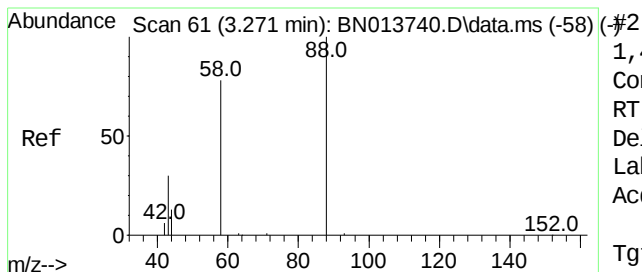
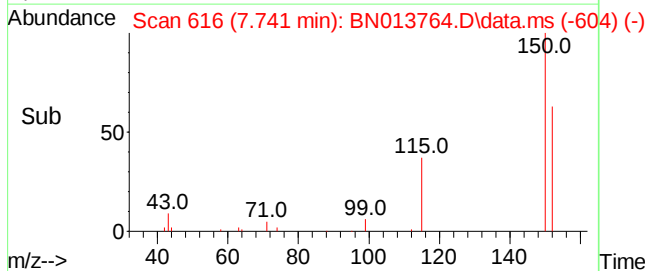
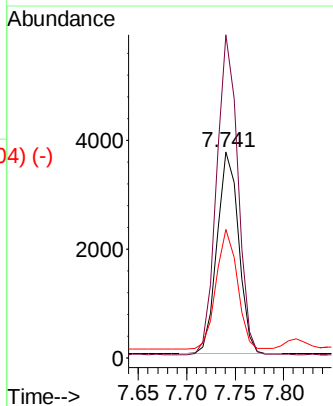
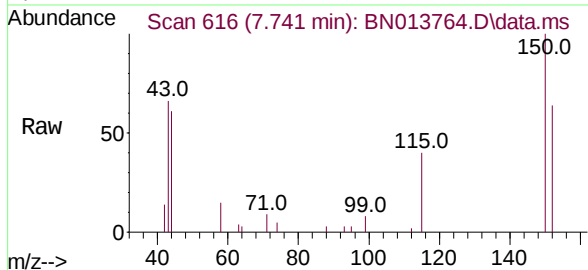




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

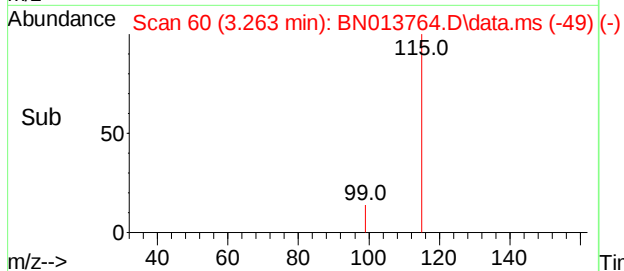
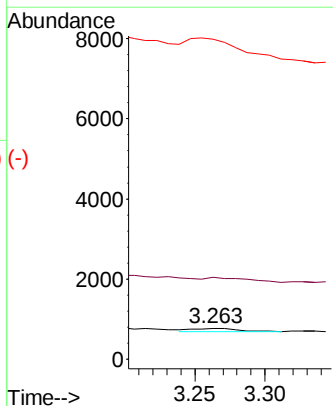
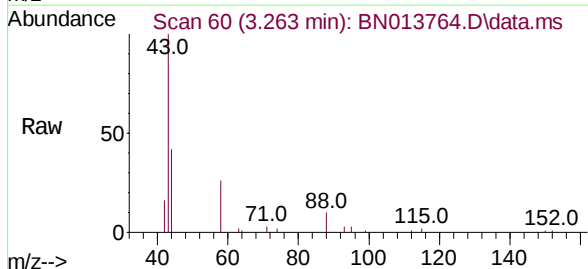
Instrument :
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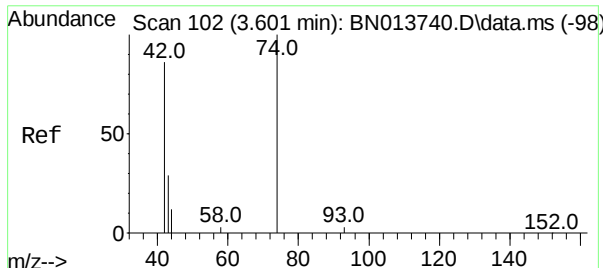
Tgt Ion:152 Resp: 5687
Ion Ratio Lower Upper
152 100
150 156.7 121.8 182.8
115 62.4 46.6 69.8



1,4-Dioxane
Concen: 0.02 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion: 88 Resp: 162
Ion Ratio Lower Upper
88 100
58 0.0 64.6 96.8#
43 1090.7 26.6 40.0#

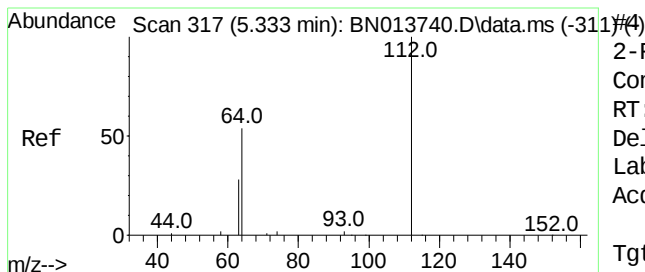
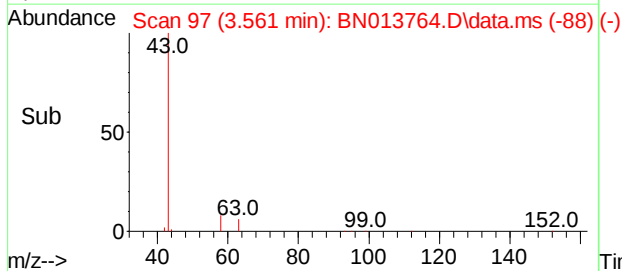
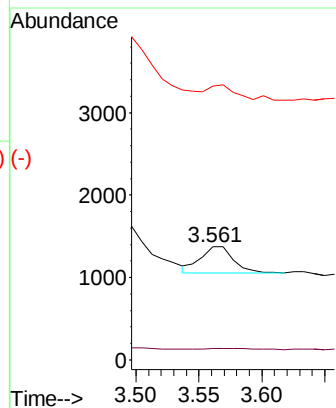
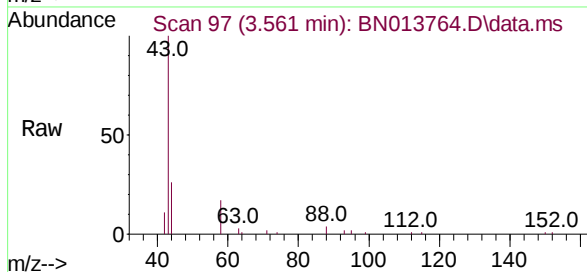




n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.561 min Scan# 97
Delta R.T. -0.024 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

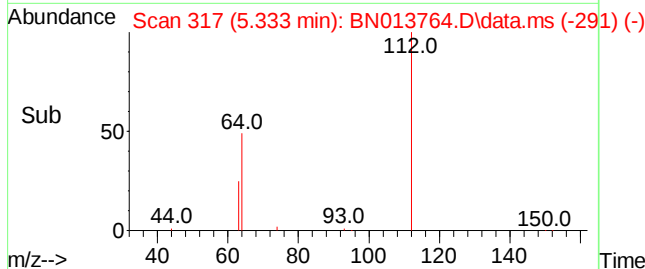
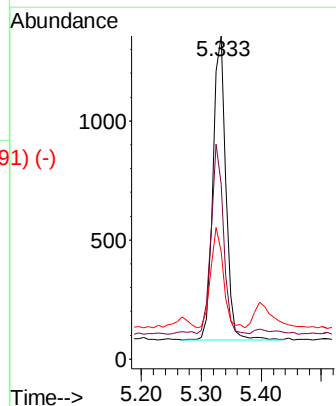
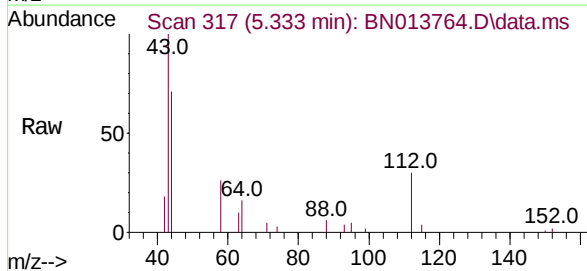
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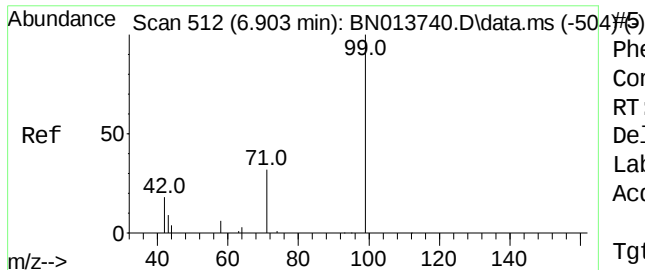
Tgt Ion:	42	Resp:	590
Ion	Ratio	Lower	Upper
42	100		
74	8.8	95.0	142.6#
44	46.8	5.8	8.8#



2-Fluorophenol
Concen: 0.13 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:	112	Resp:	1912
Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.3	66.5
63	32.1	23.0	34.6

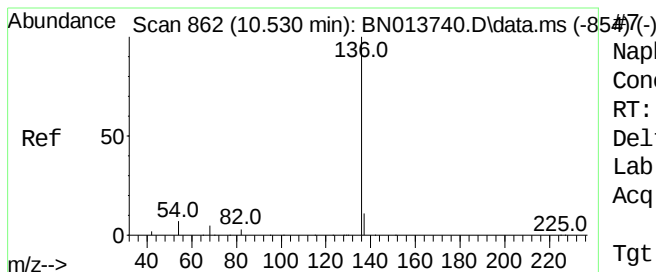
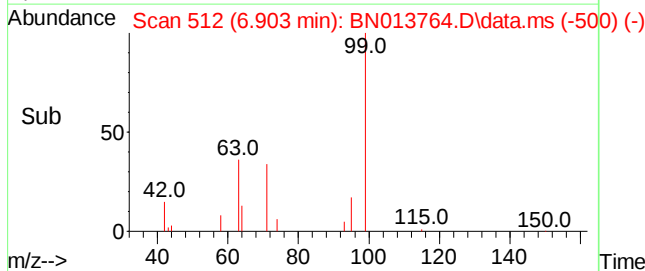
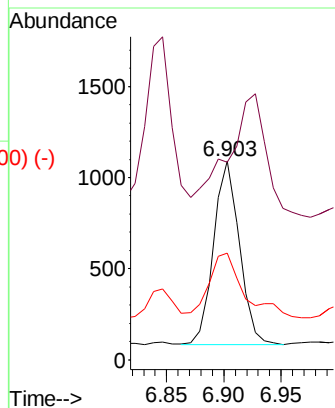
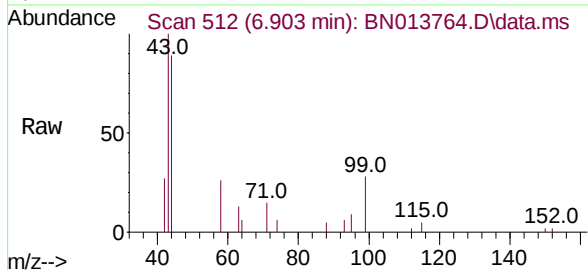




Phenol-d6
 Concen: 0.08 ng
 RT: 6.903 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BN013764.D
 Acq: 25 Feb 2021 12:35

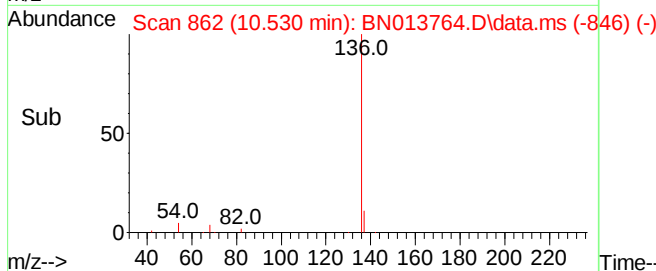
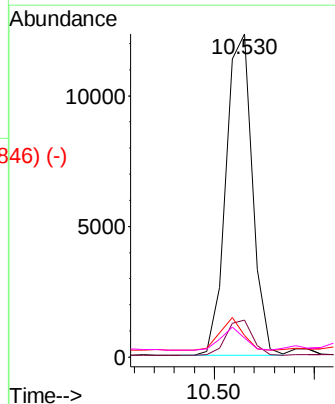
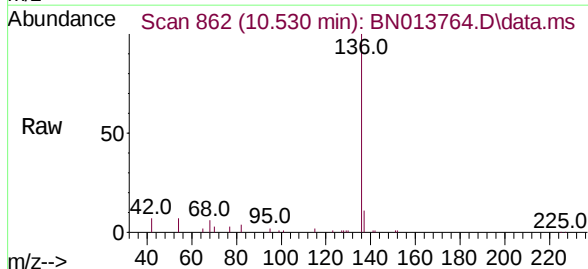
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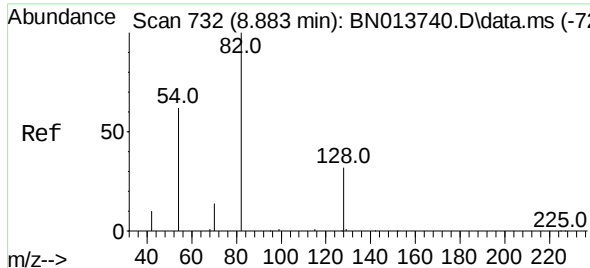
Tgt Ion:	99	Resp:	1581
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	48.2	26.1	39.1#



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.530 min Scan# 862
 Delta R.T. -0.000 min
 Lab File: BN013764.D
 Acq: 25 Feb 2021 12:35

Tgt Ion:	136	Resp:	22793
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	6.8	6.4	9.6
68	5.9	4.5	6.7

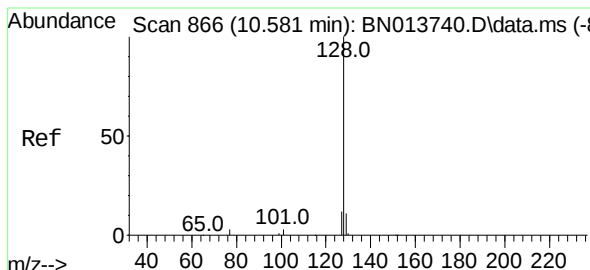
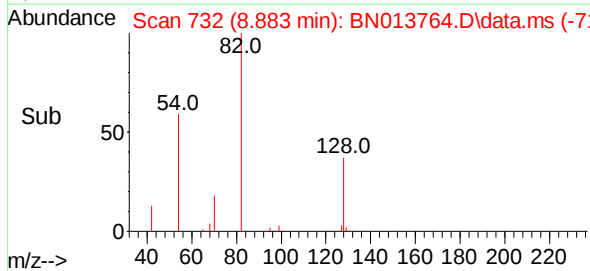
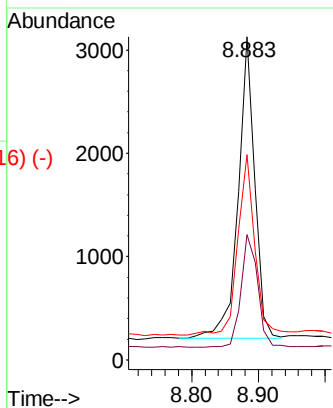
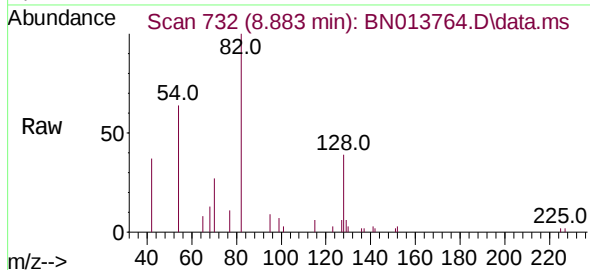




Nitrobenzene-d5
 Concen: 0.35 ng
 RT: 8.883 min Scan# 732
 Delta R.T. -0.000 min
 Lab File: BN013764.D
 Acq: 25 Feb 2021 12:35

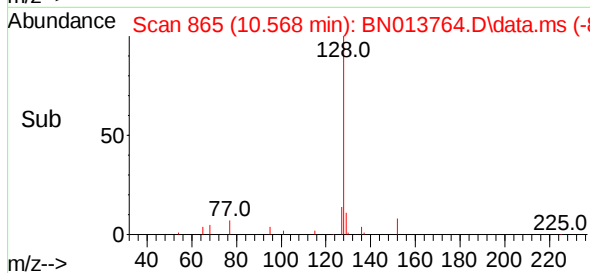
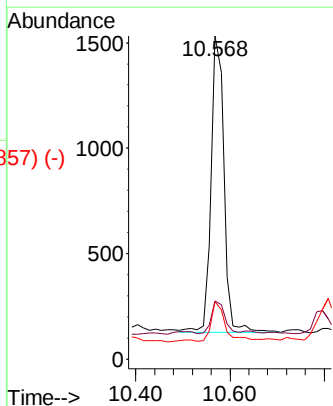
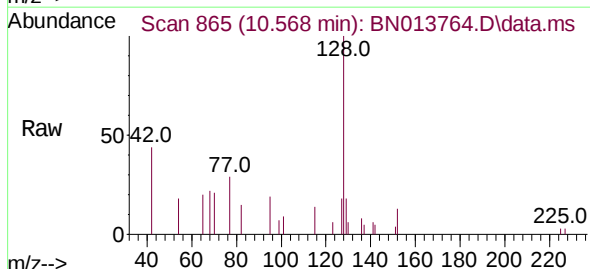
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Tgt Ion:	82	Resp:	5103
Ion	Ratio	Lower	Upper
82	100		
128	38.9	39.2	58.8#
54	63.5	40.1	60.1#

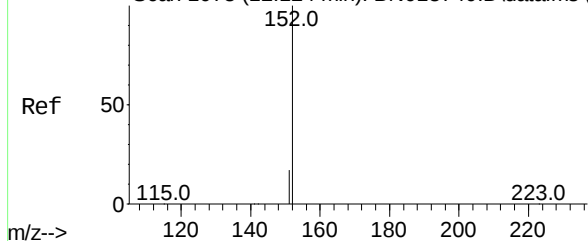


Naphthalene
 Concen: 0.05 ng
 RT: 10.568 min Scan# 865
 Delta R.T. -0.000 min
 Lab File: BN013764.D
 Acq: 25 Feb 2021 12:35

Tgt Ion:	128	Resp:	2667
Ion	Ratio	Lower	Upper
128	100		
129	18.0	9.0	13.4#
127	17.9	10.4	15.6#



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

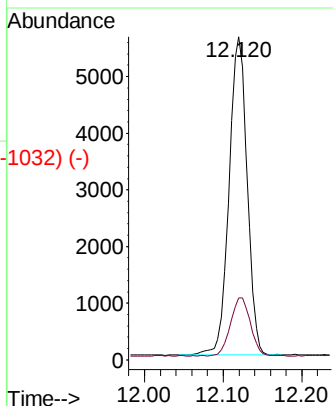
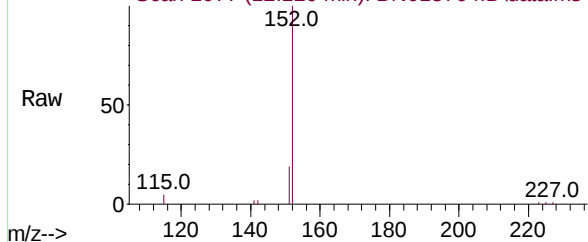


2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

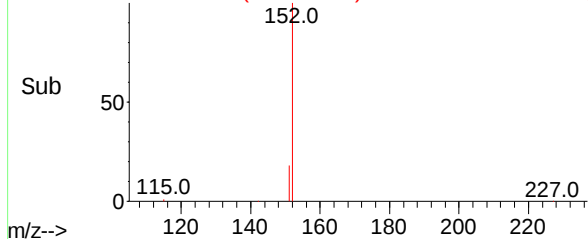
Tgt Ion:152 Resp: 8901
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

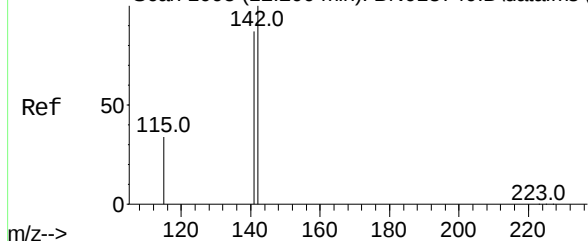
Abundance Scan 1077 (12.120 min): BN013764.D\data.ms



Abundance Scan 1077 (12.120 min): BN013764.D\data.ms (-1032) (-)



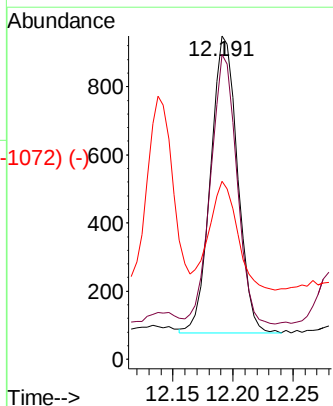
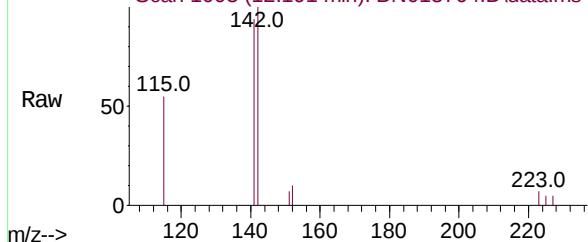
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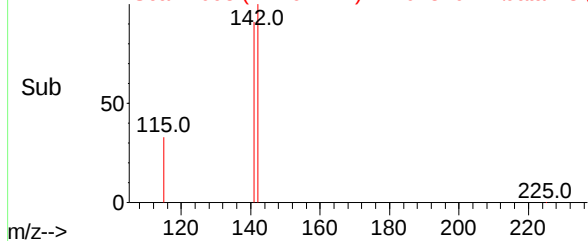
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.191 min Scan# 1093
Delta R.T. -0.004 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:142 Resp: 1357
Ion Ratio Lower Upper
142 100
141 94.2 70.5 105.7
115 55.0 27.4 41.0#

Abundance Scan 1093 (12.191 min): BN013764.D\data.ms



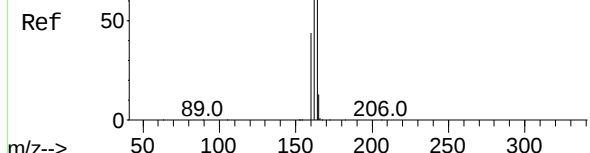
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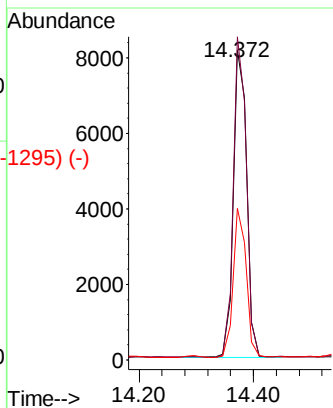
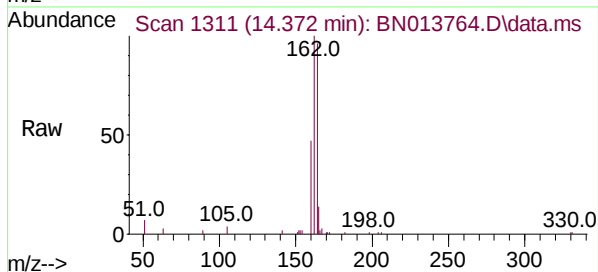
Abundance Scan 1312 (14.384 min): BN013740.D\data.ms (-1295) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

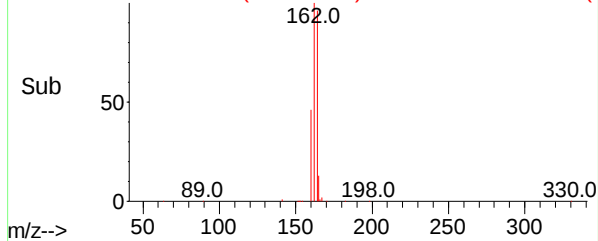
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Tgt Ion:	164	Resp:	13394
Ion Ratio	Lower	Upper	
164	100		
162	104.4	79.6	119.4
160	48.9	36.0	54.0



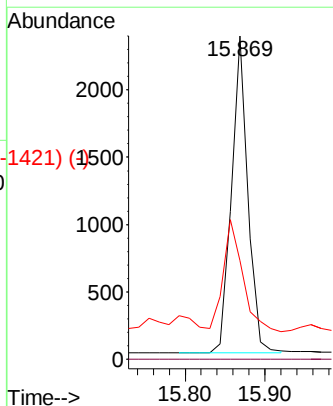
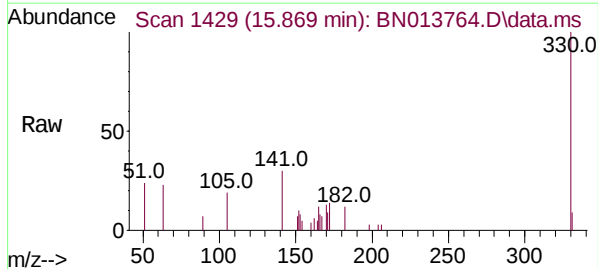
Abundance Scan 1311 (14.372 min): BN013764.D\data.ms (-1295) (-)



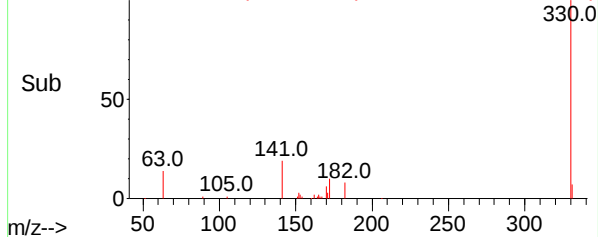
Abundance Scan 1429 (15.869 min): BN013740.D\data.ms (-1421) (-)

2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:	330	Resp:	3384
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	41.7	26.8	40.2#



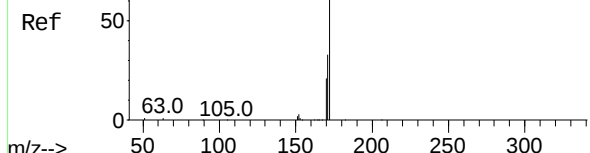
Abundance Scan 1429 (15.869 min): BN013764.D\data.ms (-1421) (-)



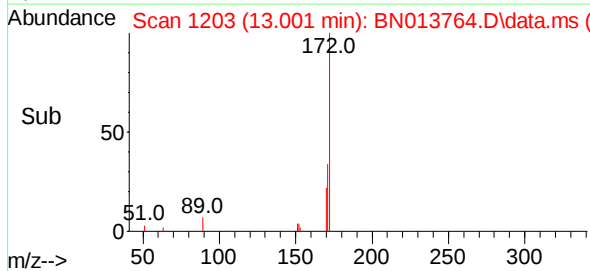
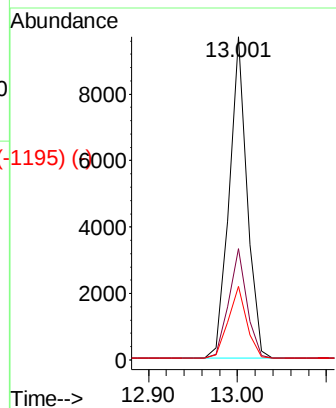
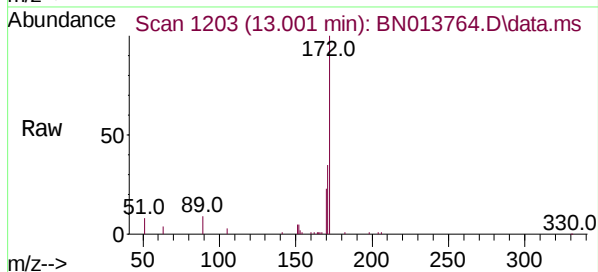
Abundance Scan 1204 (13.014 min): BN013740.D\data.ms (-1205) (-)

2-Fluorobiphenyl
Concen: 0.29 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013764.D
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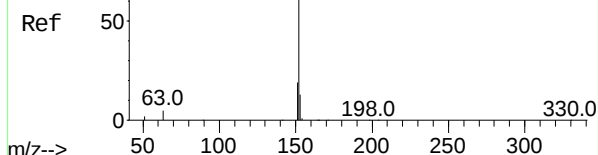


Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	22.7	18.9	28.3

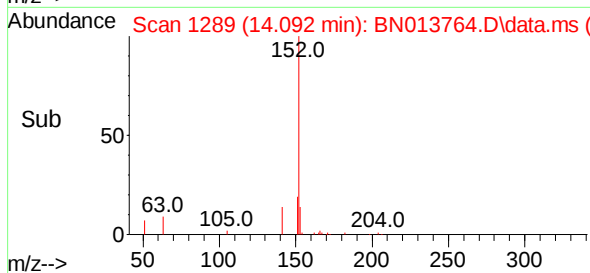
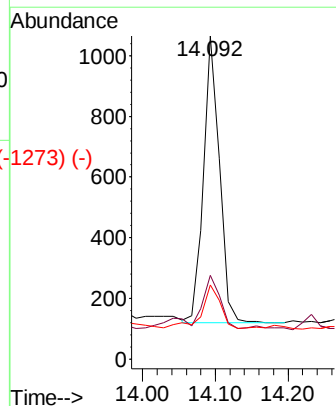
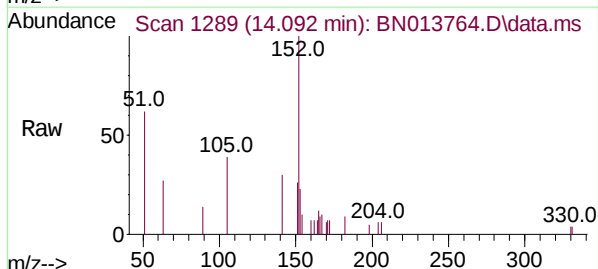


Abundance Scan 1290 (14.105 min): BN013740.D\data.ms (-1289) (-)

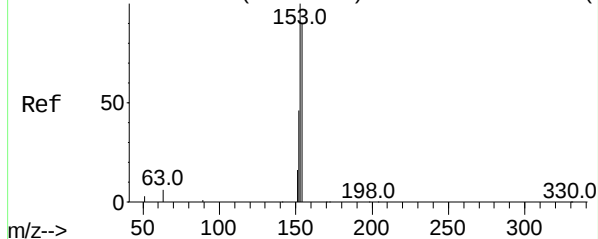
Acenaphthylene
Concen: 0.02 ng
RT: 14.092 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35



Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.3	15.7	23.5#
153	16.9	10.5	15.7#



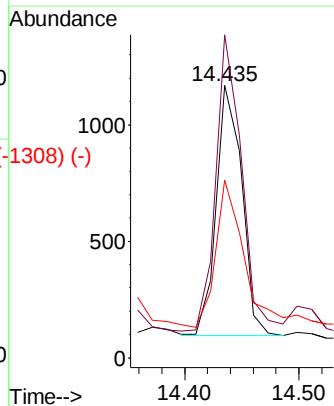
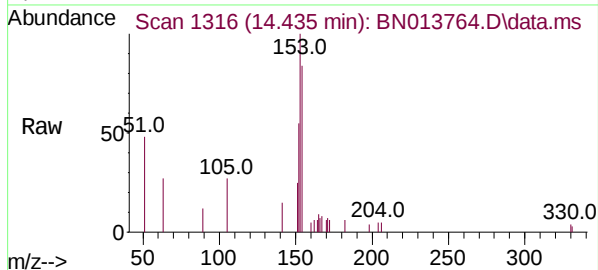
Abundance Scan 1317 (14.448 min): BN013740.D\data.ms (-1317) (-)



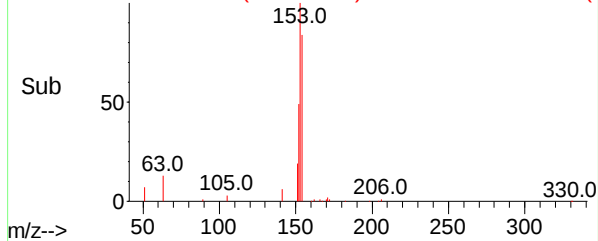
Acenaphthene
Concen: 0.05 ng
RT: 14.435 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

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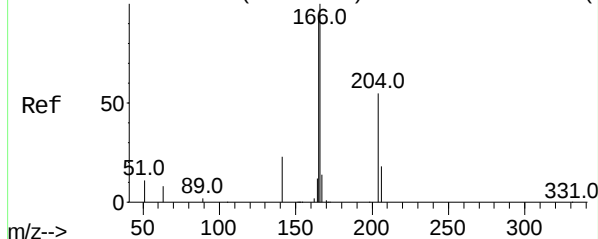
Tgt Ion:154 Resp: 1682
Ion Ratio Lower Upper
154 100
153 119.1 88.4 132.6
152 72.4 43.0 64.4#



Abundance Scan 1316 (14.435 min): BN013764.D\data.ms (-1308) (-)

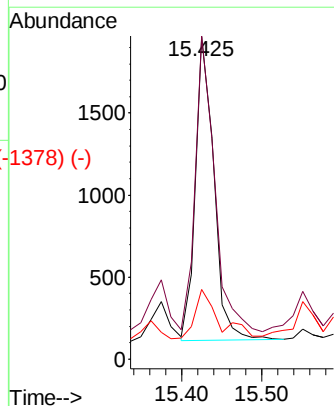
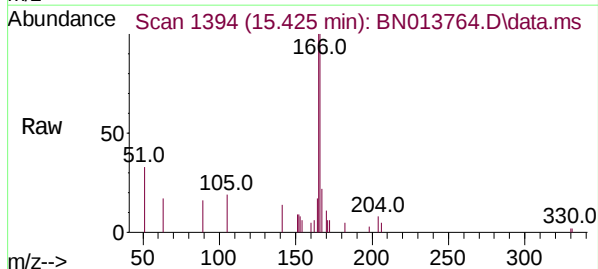


Abundance Scan 1395 (15.437 min): BN013740.D\data.ms (-1395) (-)

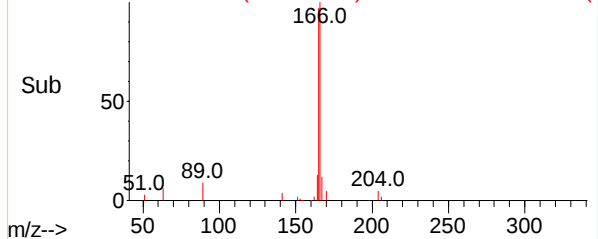


Fluorene
Concen: 0.06 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:166 Resp: 2952
Ion Ratio Lower Upper
166 100
165 101.2 77.8 116.8
167 21.1 10.6 16.0#



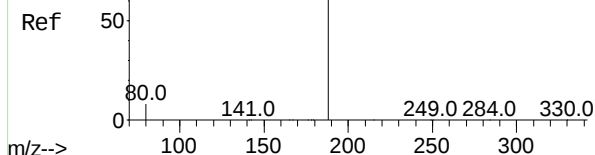
Abundance Scan 1394 (15.425 min): BN013764.D\data.ms (-1378) (-)



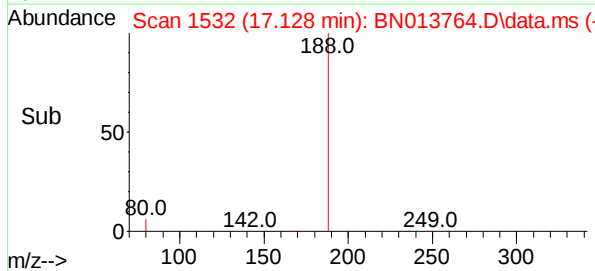
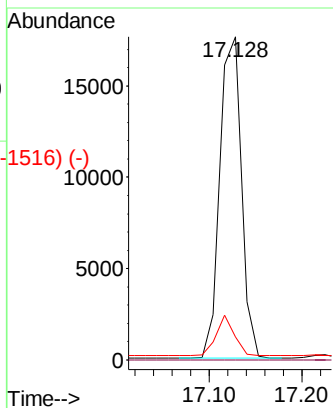
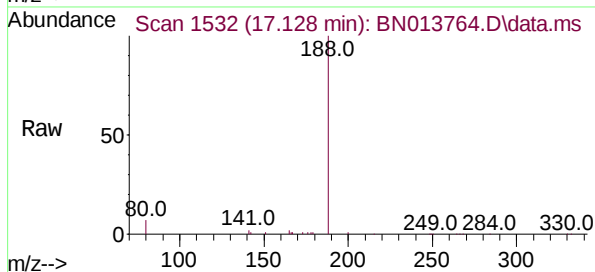
Abundance Scan 1532 (17.128 min): BN013740.D\data.ms (-1516) (-)

Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Instrument :
BNA_N
ClientSampleId :
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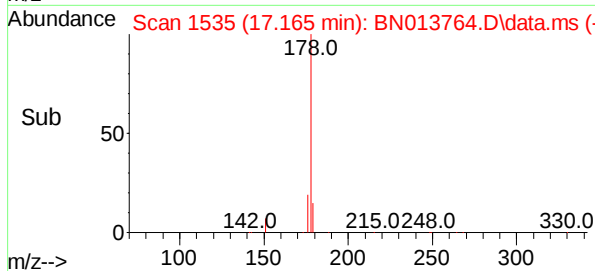
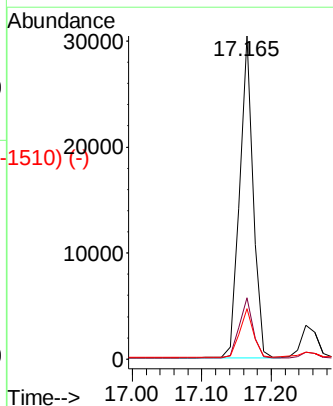
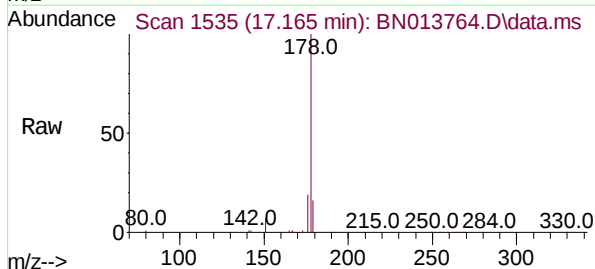
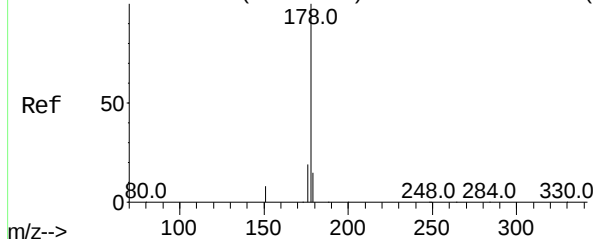
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	9.0	13.6#



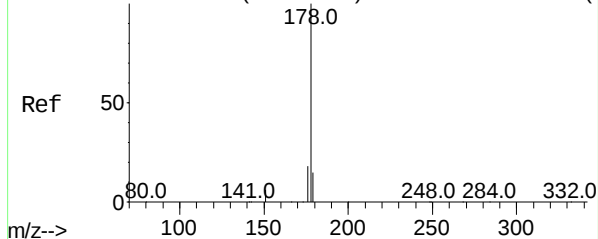
Abundance Scan 1535 (17.165 min): BN013740.D\data.ms (-1525) (-)

Phenanthrene
Concen: 0.55 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.3	18.5



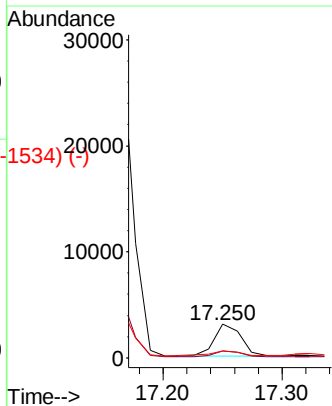
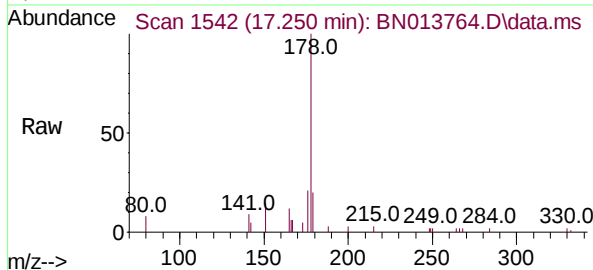
Abundance Scan 1543 (17.262 min): BN013740.D\data.ms (-1534) (-)



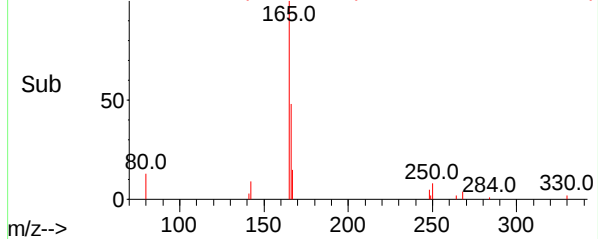
Anthracene
Concen: 0.06 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Instrument :
BNA_N
ClientSampleId :
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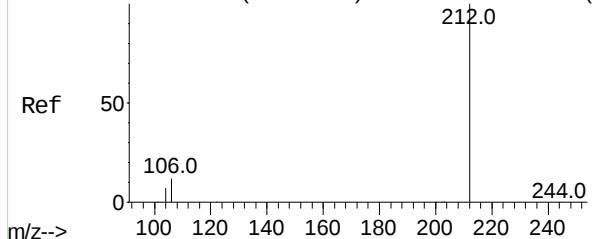
Tgt Ion:	178	Resp:	4625
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.6	21.8
179	17.9	12.2	18.2



Abundance Scan 1542 (17.250 min): BN013764.D\data.ms (-1534) (-)

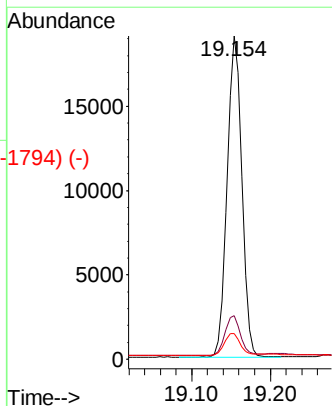
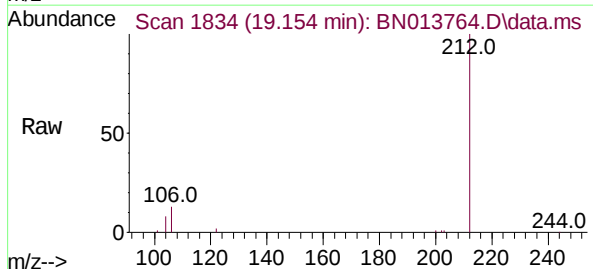


Abundance Scan 1835 (19.159 min): BN013740.D\data.ms (-1825) (-)

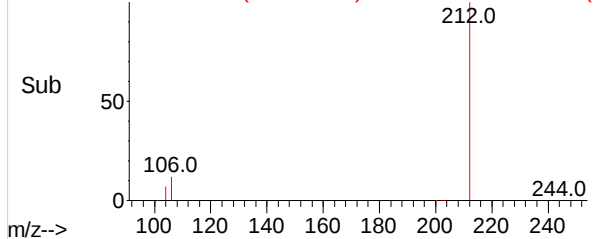


Fluoranthene-d10
Concen: 0.29 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

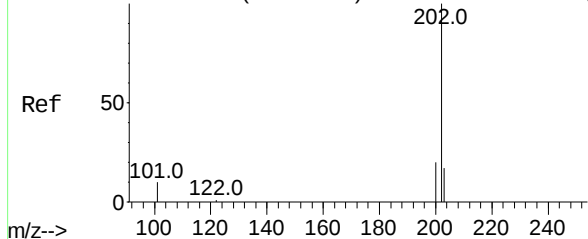
Tgt Ion:	212	Resp:	24567
Ion Ratio	Lower	Upper	
212	100		
106	13.0	9.7	14.5
104	7.4	5.5	8.3



Abundance Scan 1834 (19.154 min): BN013764.D\data.ms (-1794) (-)



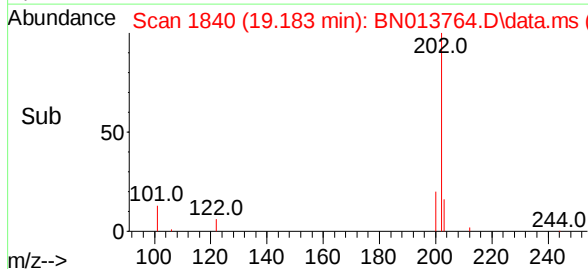
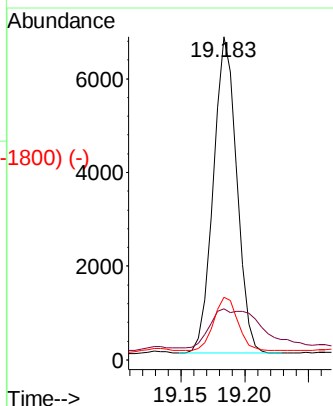
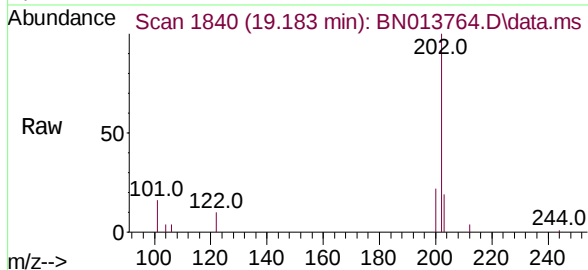
Abundance Scan 1841 (19.188 min): BN013740.D\data.ms (-1800) (-)



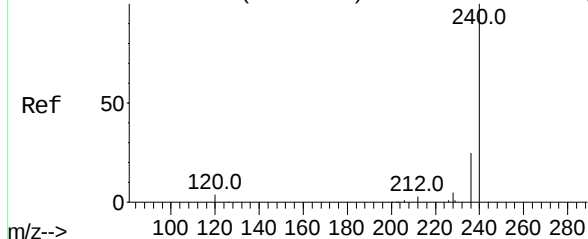
Fluoranthene
Concen: 0.10 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.002 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	28.4	8.1	12.1#
203	17.6	13.9	20.9

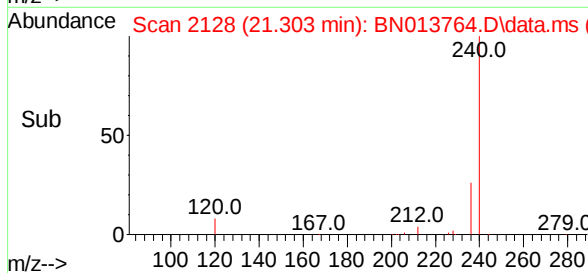
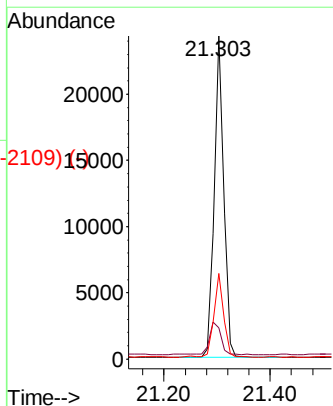
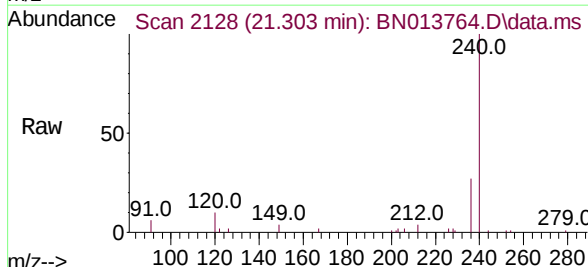


Abundance Scan 2129 (21.314 min): BN013740.D\data.ms (-2129) (-)

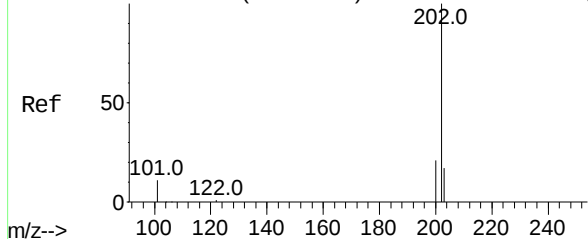


Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	10.2	15.4#
236	26.5	21.3	31.9



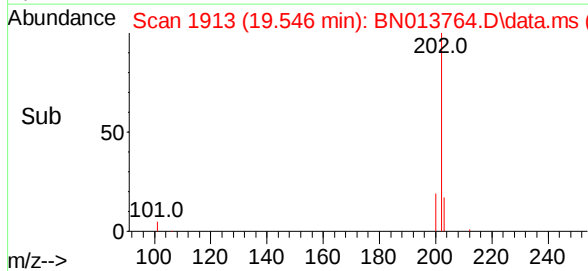
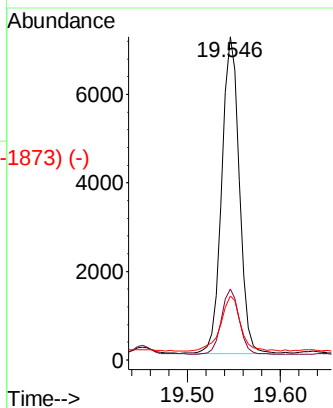
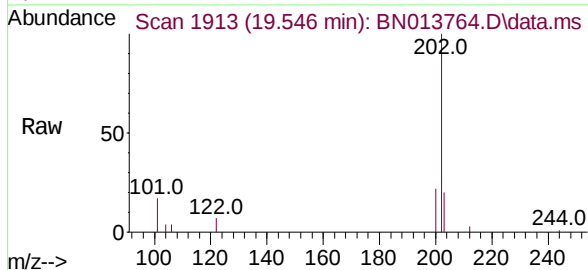
Abundance Scan 1914 (19.551 min): BN013740.D\data.ms (-1939) (-)



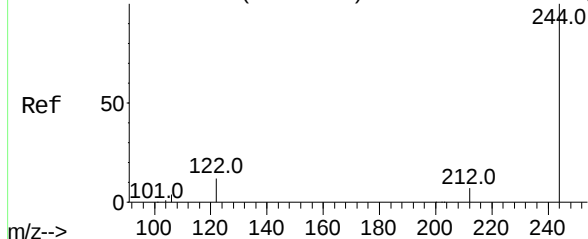
Pyrene
Concen: 0.10 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.002 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	202	Resp:	9379
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	19.8	14.0	21.0

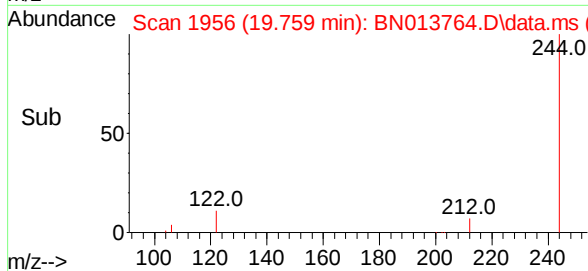
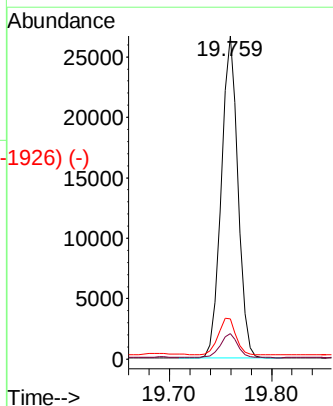
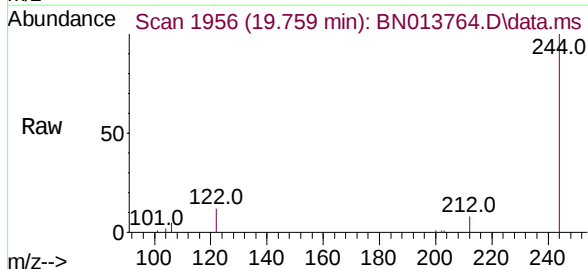


Abundance Scan 1957 (19.764 min): BN013740.D\data.ms (-1948) (-)

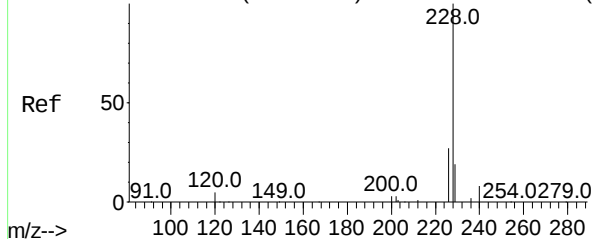


Terphenyl-d14
Concen: 0.47 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion:	244	Resp:	30714
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	12.4	9.8	14.8



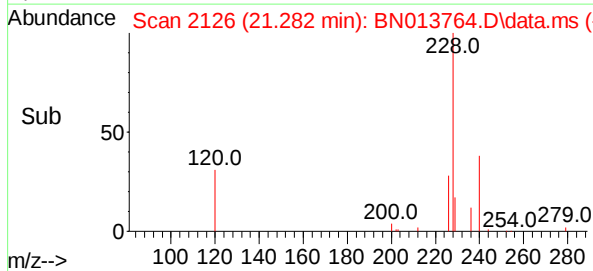
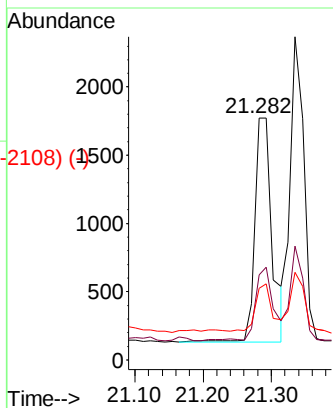
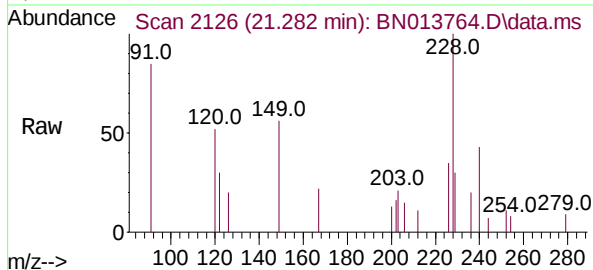
Abundance Scan 2127 (21.293 min): BN013740.D\data.ms (-2127) (-)



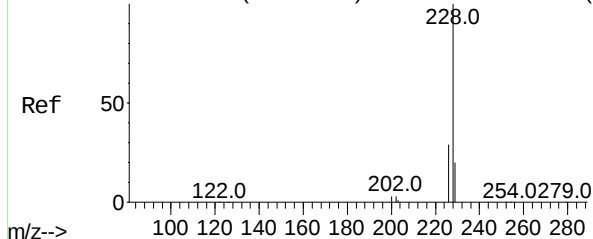
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013764.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	20.5	30.7#
229	29.7	16.2	24.4#

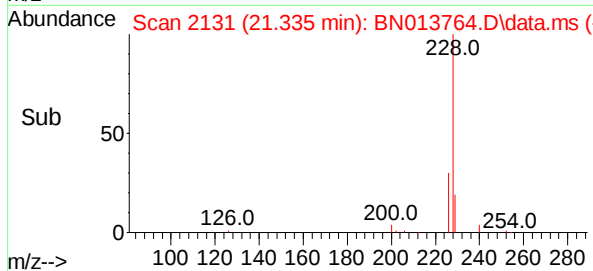
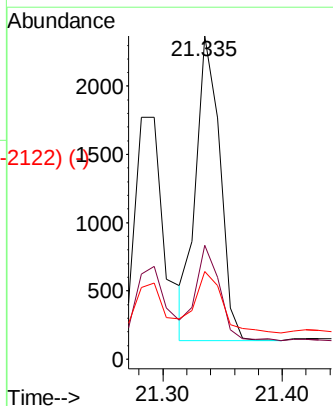
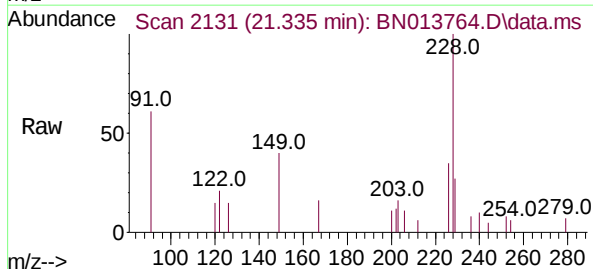


Abundance Scan 2132 (21.346 min): BN013740.D\data.ms (-2132) (-)



Chrysene
Concen: 0.03 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

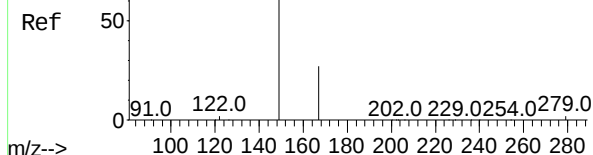
Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.2	24.3	36.5
229	27.0	15.1	22.7#



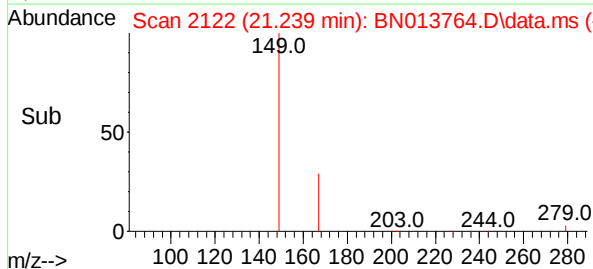
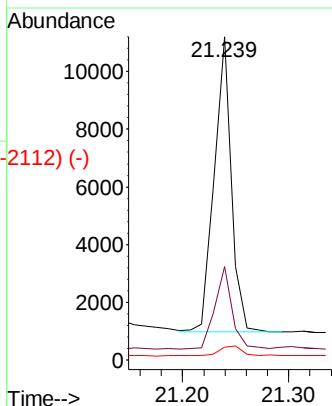
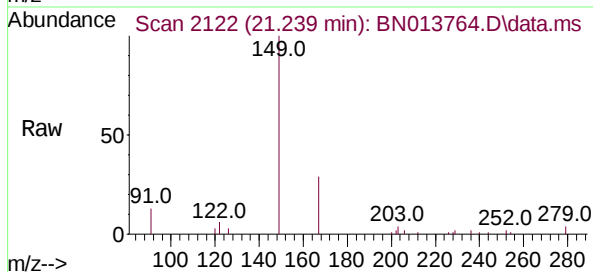
Abundance Scan 2123 (21.250 min): BN013740.D\data.ms (-2123) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Instrument :
BNA_N
ClientSampleId :
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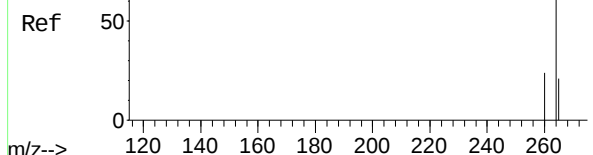


Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.6	3.5	5.3

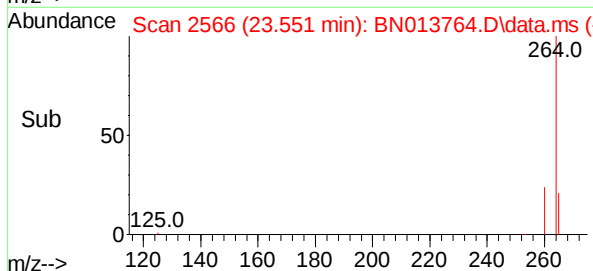
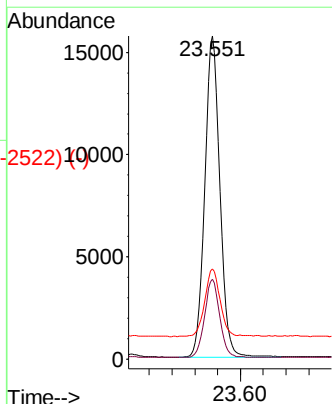
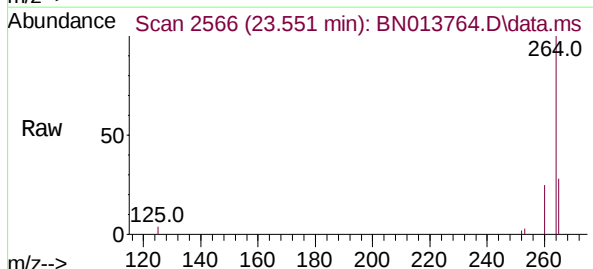


Abundance Scan 2568 (23.558 min): BN013740.D\data.ms (-2568) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.551 min Scan# 2566
Delta R.T. -0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35



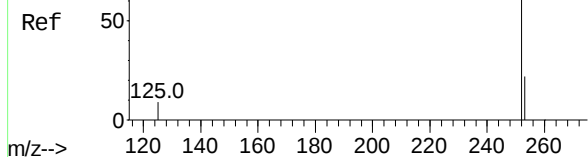
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	27.9	66.2	99.4#



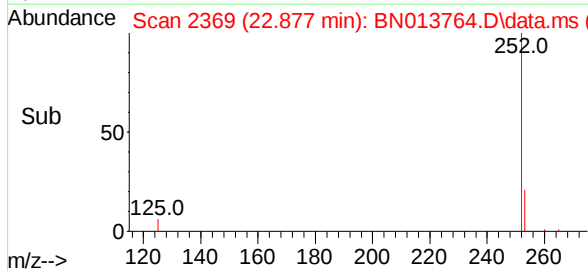
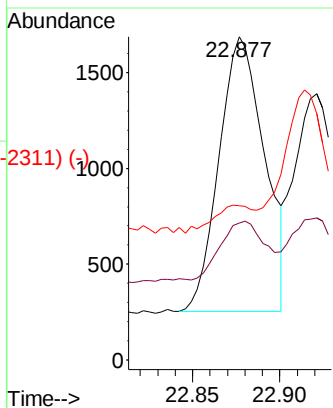
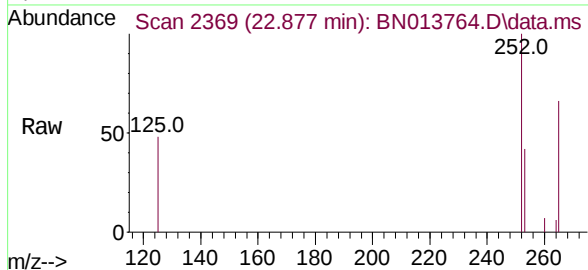
Abundance Scan 2371 (22.883 min): BN013740.D\data.ms (-2371) (-)

Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.877 min Scan# 2369
Delta R.T. -0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321



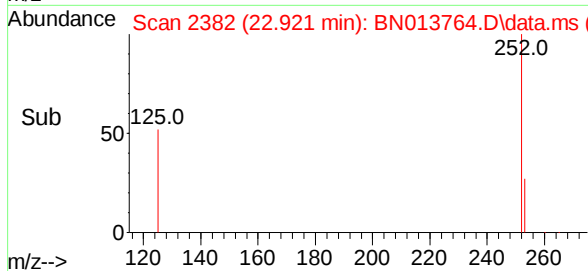
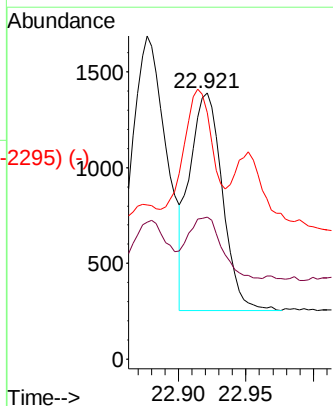
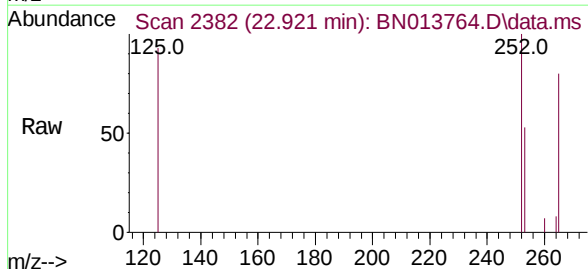
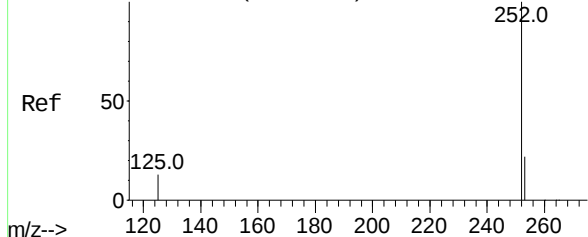
Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.3	20.4	30.6#
125	47.7	11.6	17.4#



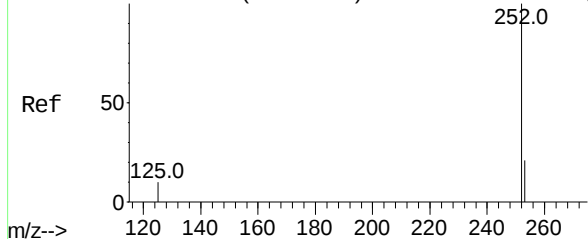
Abundance Scan 2384 (22.928 min): BN013740.D\data.ms (-2384) (-)

Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.921 min Scan# 2382
Delta R.T. -0.001 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	53.3	20.5	30.7#
125	92.7	12.3	18.5#



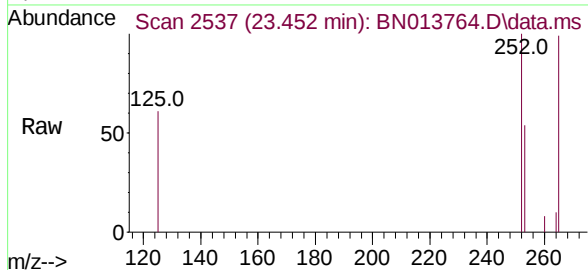
Abundance Scan 2539 (23.458 min): BN013740.D\data.ms (-2480) (-)



Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.452 min Scan# 2537
Delta R.T. -0.004 min
Lab File: BN013764.D
Acq: 25 Feb 2021 12:35

Instrument :
BNA_N
ClientSampleId :
GW803-20-25-022321

Tgt Ion:	252	Resp:	1713
Ion Ratio	Lower	Upper	
252	100		
253	53.9	21.8	32.6#
125	61.4	14.6	21.8#



Abundance Scan 2537 (23.452 min): BN013764.D\data.ms (-2480) (-)

