

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013768.D
 Acq On : 25 Feb 2021 15:00
 Operator : CG/JU
 Sample : M1473-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW803-32-37-022321

Quant Time: Feb 25 15:28:46 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)

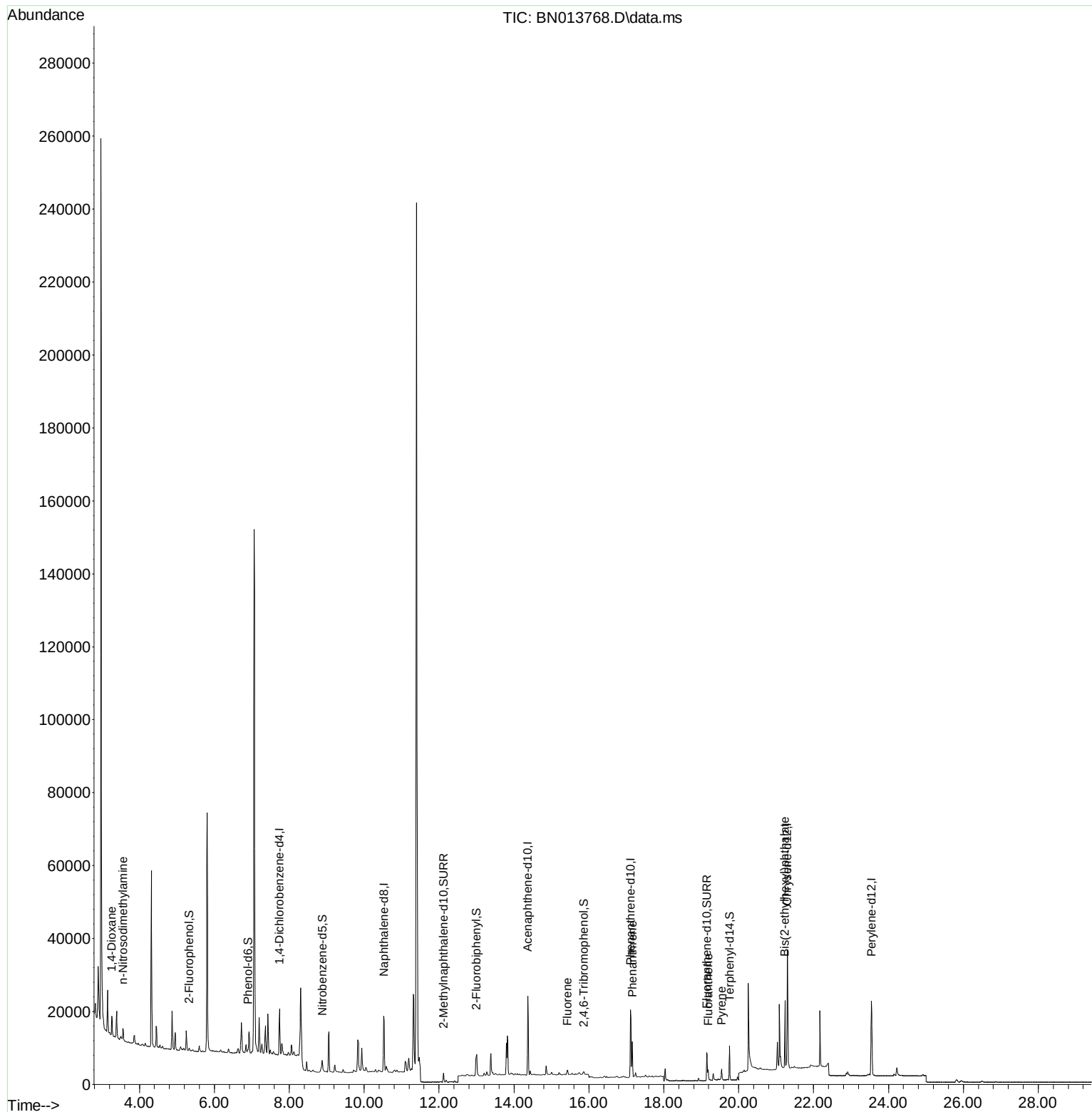
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	5516	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	21841	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	12665	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	26839	0.40	ng	#-0.01
29) Chrysene-d12	21.300	240	27824	0.40	ng	0.00
36) Perylene-d12	23.548	264	26865	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	619	0.04	ng	0.00
5) Phenol-d6	6.903	99	531	0.03	ng	0.00
8) Nitrobenzene-d5	8.883	82	2418	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	3156	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	617	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	4763	0.11	ng	0.00
27) Fluoranthene-d10	19.151	212	8595	0.11	ng	0.00
31) Terphenyl-d14	19.756	244	8766	0.14	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	3330	0.50	ng	# 83
3) n-Nitrosodimethylamine	3.561	42	317	0.06	ng	# 1
18) Fluorene	15.425	166	913	0.02	ng	# 85
25) Phenanthrene	17.164	178	9637	0.14	ng	99
28) Fluoranthene	19.186	202	2414	0.03	ng	# 79
30) Pyrene	19.543	202	2611	0.03	ng	96
34) Bis(2-ethylhexyl)phtha...	21.237	149	14875	0.37	ng	100

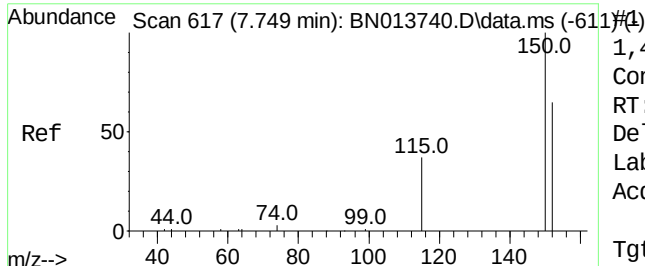
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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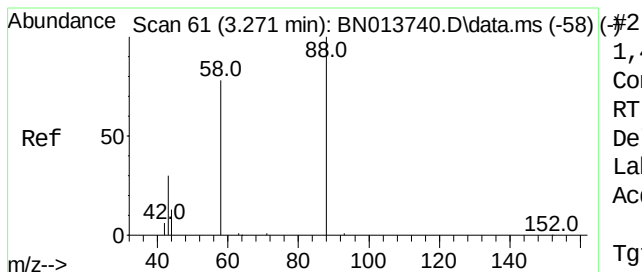
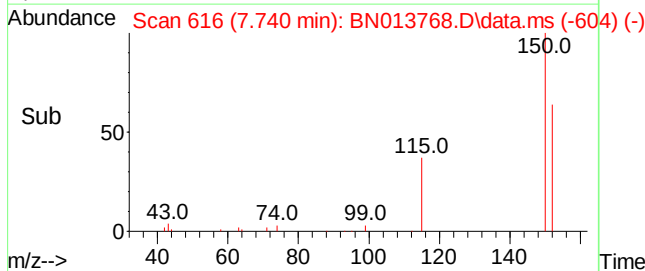
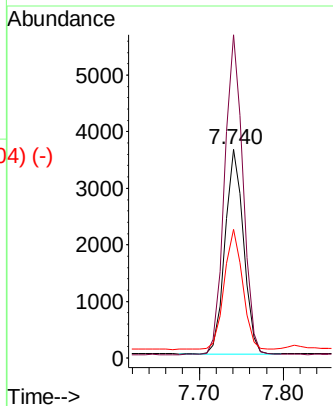
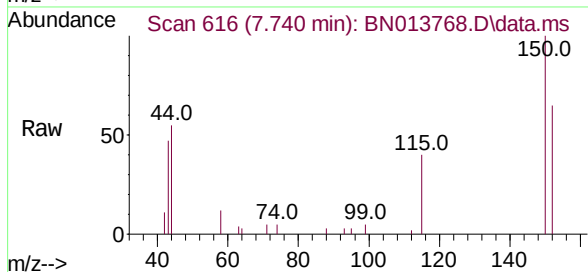




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.740 min Scan# 616
 Delta R.T. -0.001 min
 Lab File: BN013768.D
 Acq: 25 Feb 2021 15:00

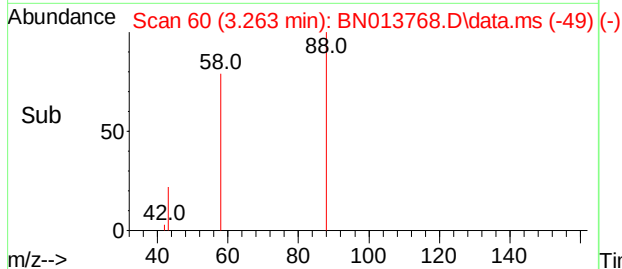
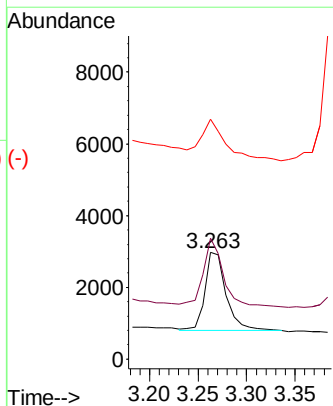
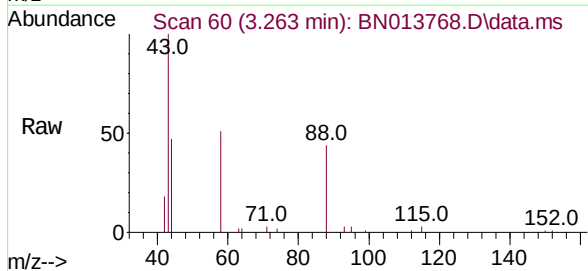
Instrument :
 BNA_N
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 GW803-32-37-022321

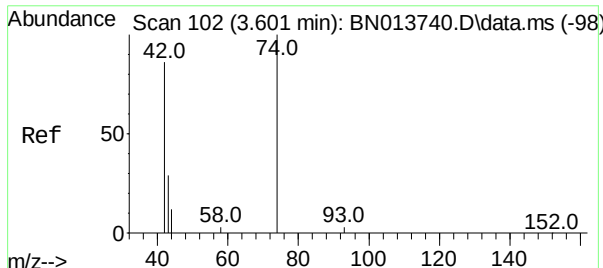
Tgt Ion:	152	Resp:	5516
Ion	Ratio	Lower	Upper
152	100		
150	154.7	121.8	182.8
115	61.4	46.6	69.8



1,4-Dioxane
 Concen: 0.50 ng
 RT: 3.263 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BN013768.D
 Acq: 25 Feb 2021 15:00

Tgt Ion:	88	Resp:	3330
Ion	Ratio	Lower	Upper
88	100		
58	82.2	64.6	96.8
43	64.1	26.6	40.0#

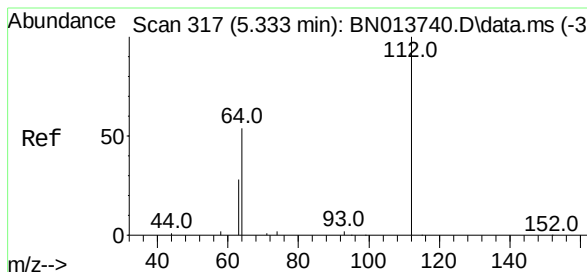
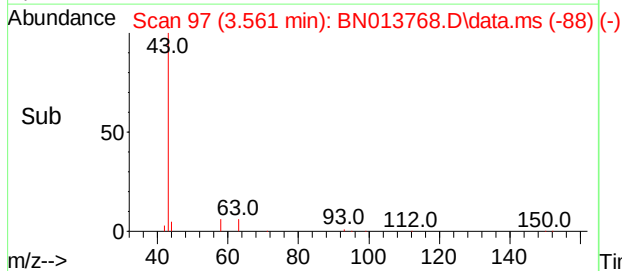
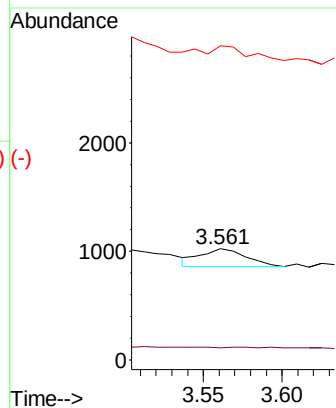
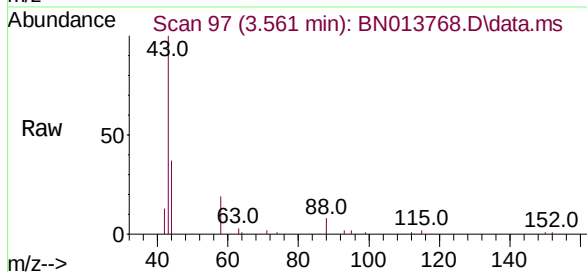




n-Nitrosodimethylamine
 Concen: 0.06 ng
 RT: 3.561 min Scan# 97
 Delta R.T. -0.024 min
 Lab File: BN013768.D
 Acq: 25 Feb 2021 15:00

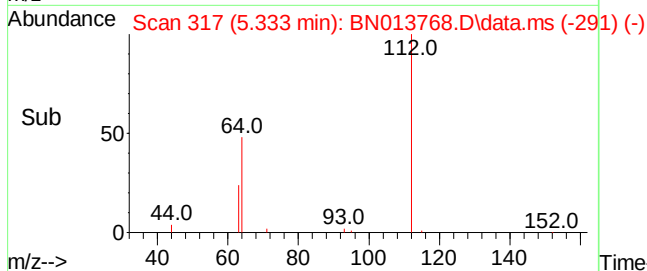
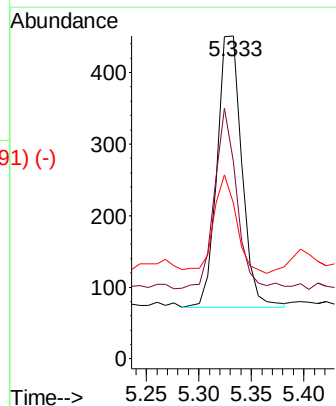
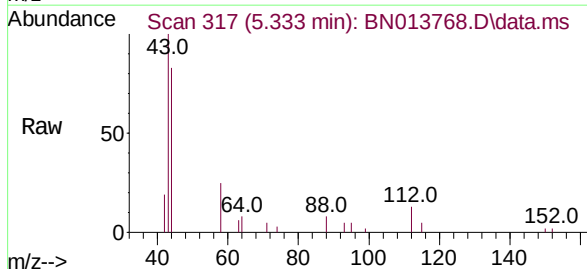
Instrument :
 BNA_N
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 GW803-32-37-022321

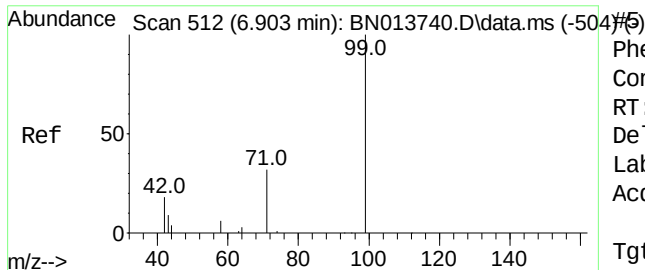
Tgt Ion:	42	Resp:	317
Ion	Ratio	Lower	Upper
42	100		
74	3.5	95.0	142.6#
44	0.0	5.8	8.8#



2-Fluorophenol
 Concen: 0.04 ng
 RT: 5.333 min Scan# 317
 Delta R.T. 0.008 min
 Lab File: BN013768.D
 Acq: 25 Feb 2021 15:00

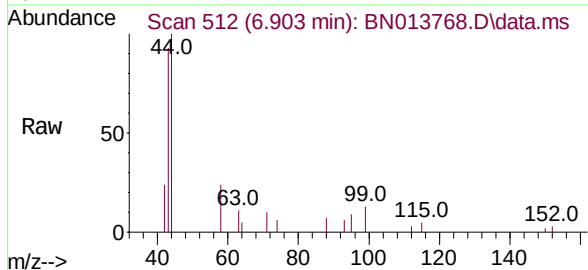
Tgt Ion:	112	Resp:	619
Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.3	66.5
63	33.9	23.0	34.6



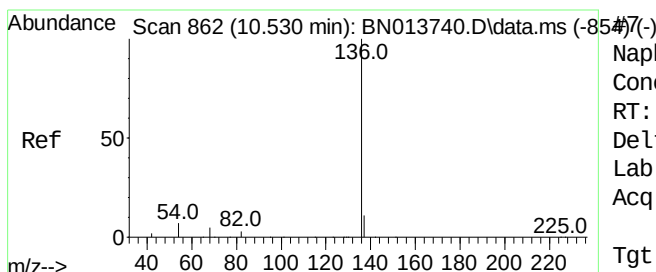
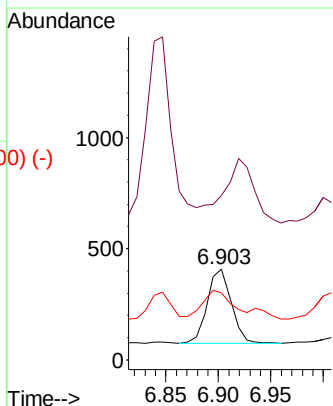
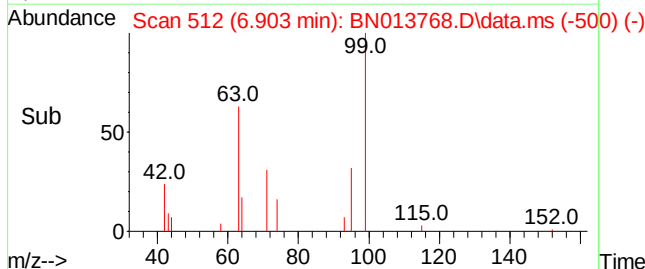


Phenol-d6
Concen: 0.03 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

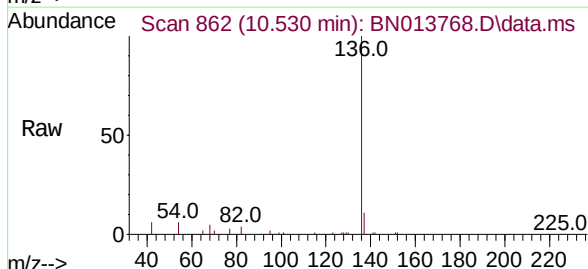
Instrument :
BNA_N
ClientSampleId :
GW803-32-37-022321



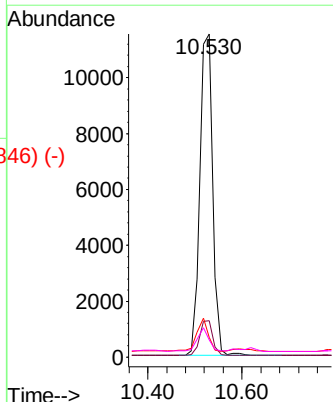
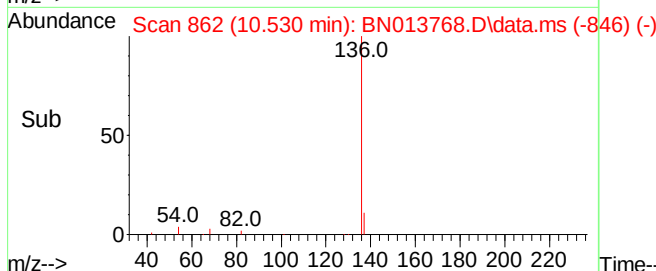
Tgt Ion:	99	Resp:	531
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	42.2	26.1	39.1#

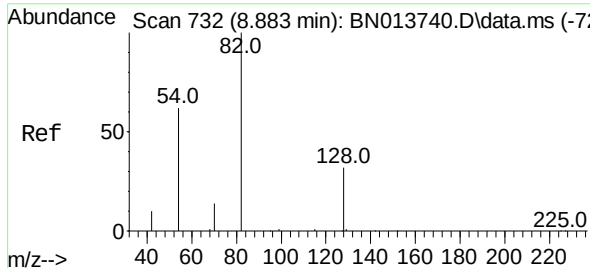


Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00



Tgt Ion:	136	Resp:	21841
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.1	6.4	9.6#
68	5.4	4.5	6.7

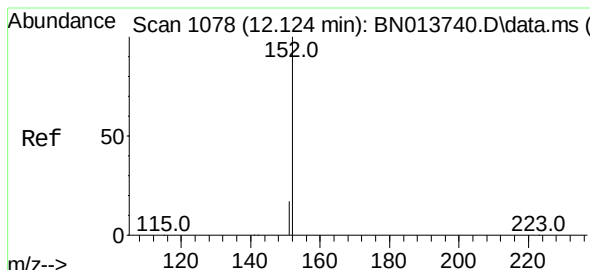
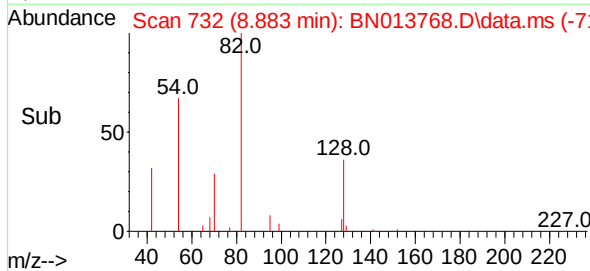
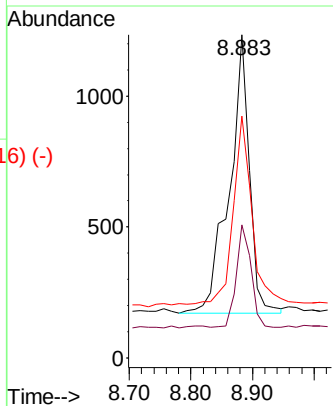
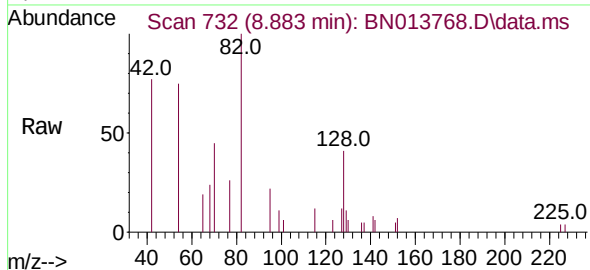




Nitrobenzene-d5
 Concen: 0.17 ng
 RT: 8.883 min Scan# 732
 Delta R.T. -0.000 min
 Lab File: BN013768.D
 Acq: 25 Feb 2021 15:00

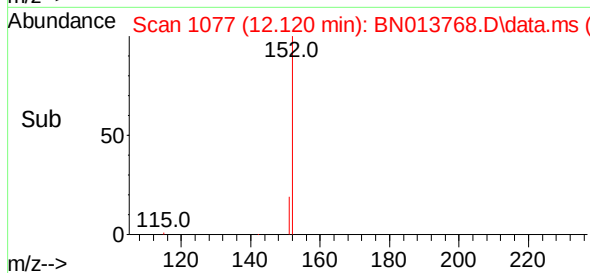
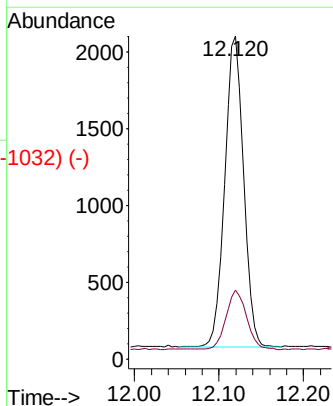
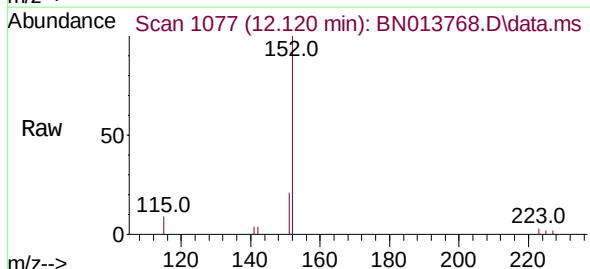
Instrument :
 BNA_N
 ClientSampleId :
 GW803-32-37-022321

Tgt Ion:	82	Resp:	2418
Ion	Ratio	Lower	Upper
82	100		
128	41.1	39.2	58.8
54	74.9	40.1	60.1#



2-Methylnaphthalene-d10
 Concen: 0.09 ng
 RT: 12.120 min Scan# 1077
 Delta R.T. -0.000 min
 Lab File: BN013768.D
 Acq: 25 Feb 2021 15:00

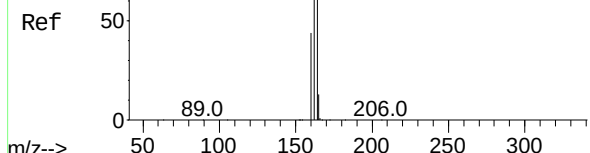
Tgt Ion:	152	Resp:	3156
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2



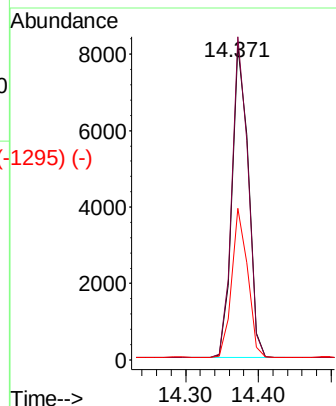
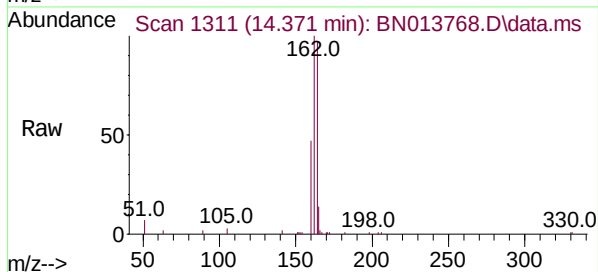
Abundance Scan 1312 (14.384 min): BN013740.D\data.ms (-1301) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

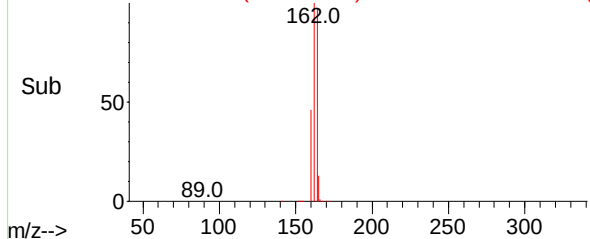
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	164	Resp:	12665
Ion Ratio	Lower	Upper	
164	100		
162	102.8	79.6	119.4
160	48.1	36.0	54.0



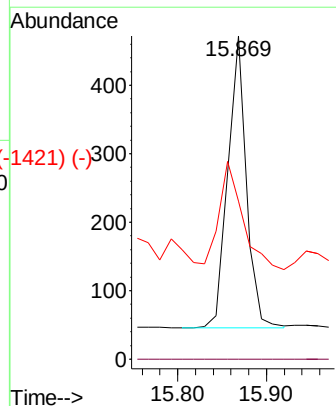
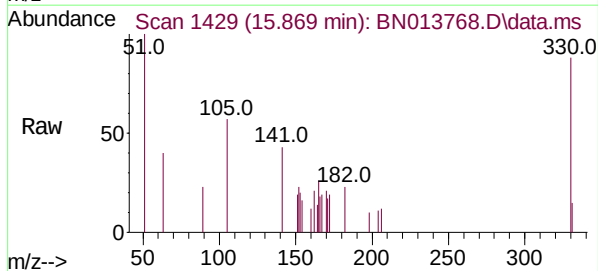
Abundance Scan 1311 (14.371 min): BN013768.D\data.ms (-1295) (-)



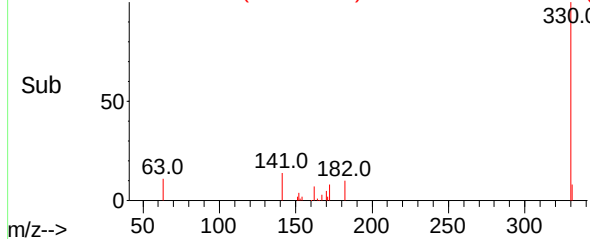
Abundance Scan 1429 (15.869 min): BN013740.D\data.ms (-1416) (-)

2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

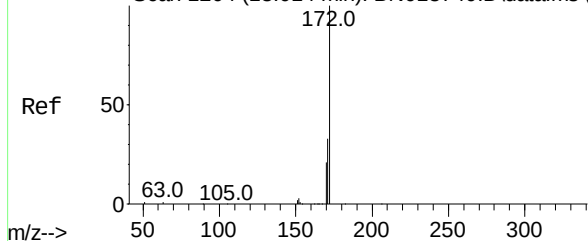
Tgt Ion:	330	Resp:	617
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	46.5	26.8	40.2#



Abundance Scan 1429 (15.869 min): BN013768.D\data.ms (-1421) (-)



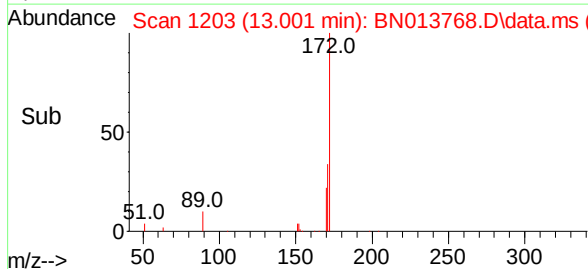
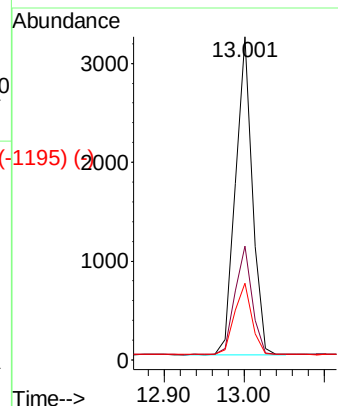
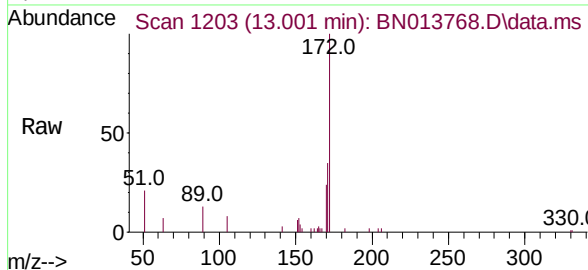
Abundance Scan 1204 (13.014 min): BN013740.D\data.ms (-1205)



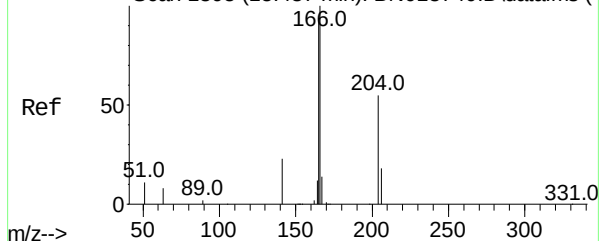
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

Instrument :
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Tgt Ion:	172	Resp:	4763
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.7	18.9	28.3

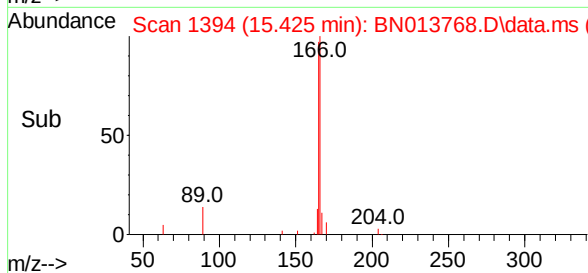
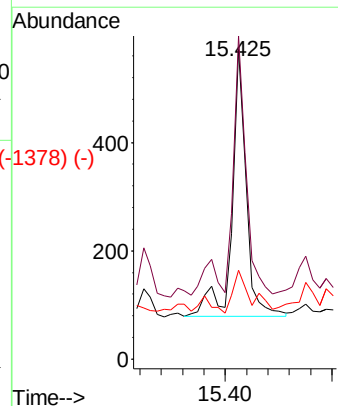
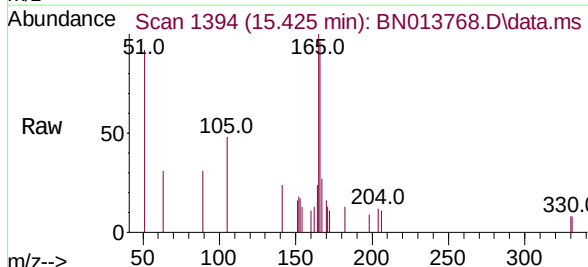


Abundance Scan 1395 (15.437 min): BN013740.D\data.ms (-1395)



Fluorene
Concen: 0.02 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

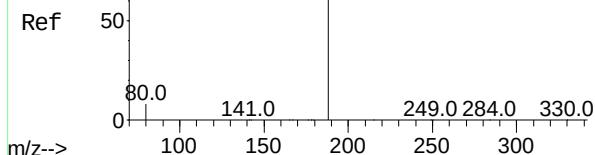
Tgt Ion:	166	Resp:	913
Ion	Ratio	Lower	Upper
166	100		
165	82.5	77.8	116.8
167	20.0	10.6	16.0#



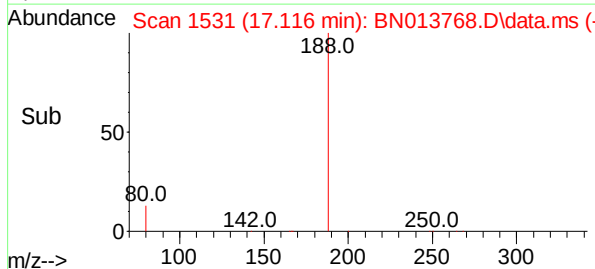
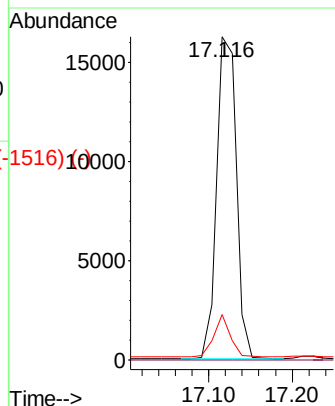
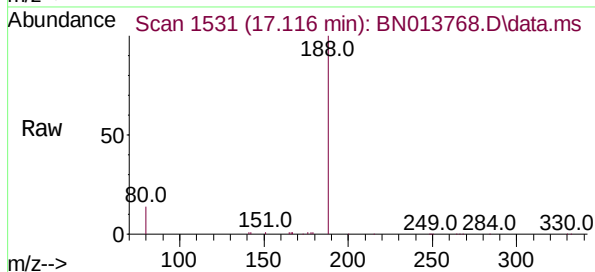
Abundance Scan 1532 (17.128 min): BN013740.D\data.ms (-1516) (-)

Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

Instrument :
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ClientSampleId :
GW803-32-37-022321



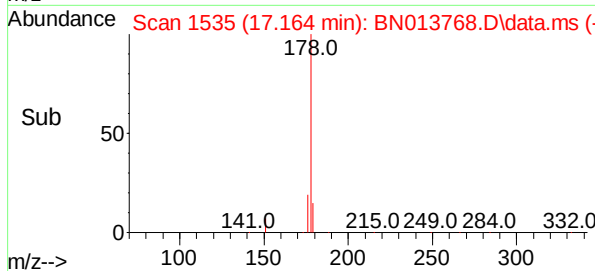
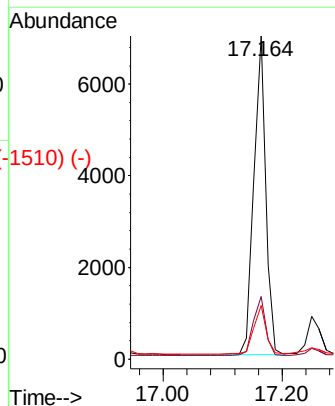
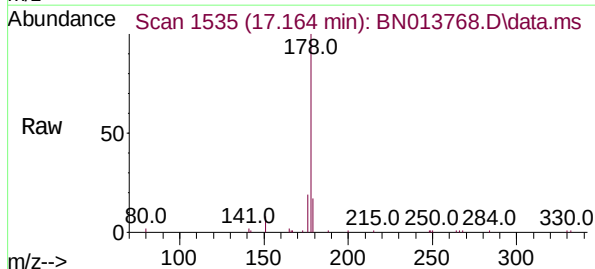
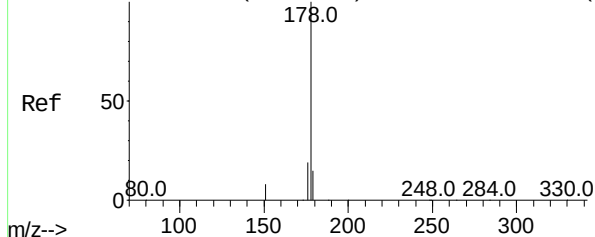
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	9.0	13.6#



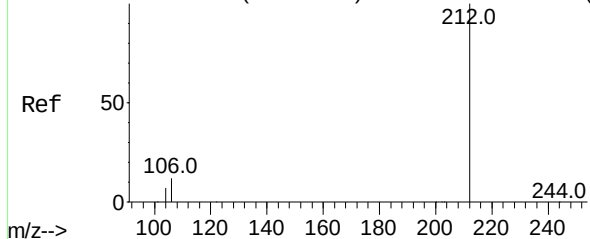
Abundance Scan 1535 (17.165 min): BN013740.D\data.ms (-1525) (-)

Phenanthrene
Concen: 0.14 ng
RT: 17.164 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.8	12.3	18.5



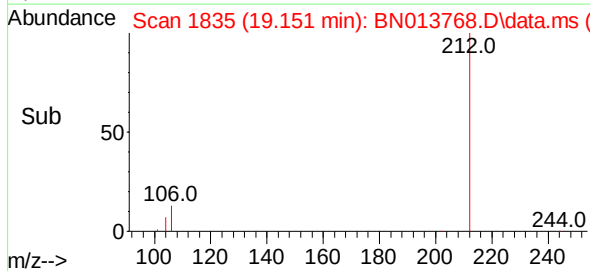
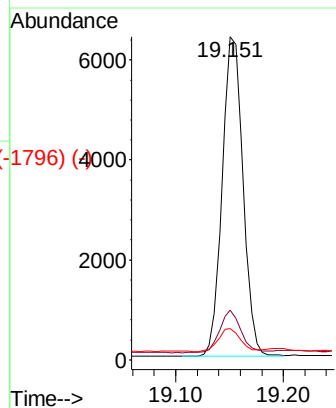
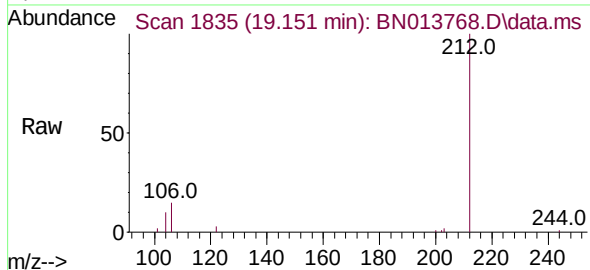
Abundance Scan 1835 (19.159 min): BN013740.D\data.ms (-1825) (-)



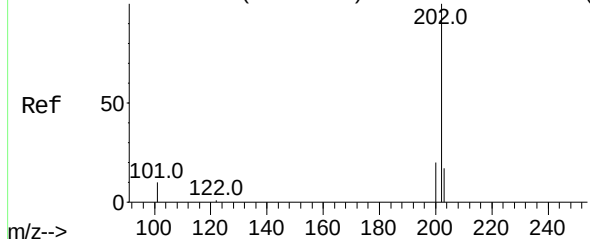
Fluoranthene-d10
Concen: 0.11 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

Instrument :
BNA_N
ClientSampleId :
GW803-32-37-022321

Tgt Ion:	212	Resp:	8595
Ion Ratio	Lower	Upper	
212	100		
106	13.7	9.7	14.5
104	7.6	5.5	8.3

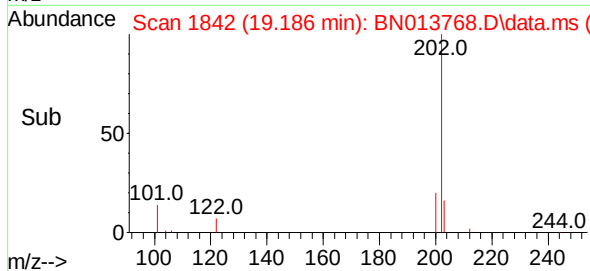
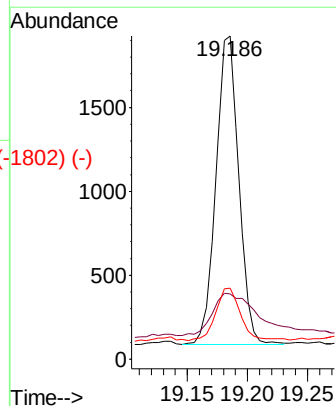
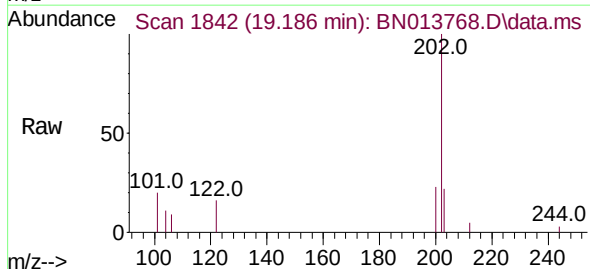


Abundance Scan 1841 (19.188 min): BN013740.D\data.ms (-1823) (-)



Fluoranthene
Concen: 0.03 ng
RT: 19.186 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

Tgt Ion:	202	Resp:	2414
Ion Ratio	Lower	Upper	
202	100		
101	29.4	8.1	12.1#
203	18.6	13.9	20.9



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

Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

Instrument :
BNA_N
ClientSampleId :
GW803-32-37-022321

Ref 50 0 120.0 212.0 240.0

m/z--> 100 120 140 160 180 200 220 240 260 280

Abundance Scan 2129 (21.300 min): BN013768.D\data.ms

Raw 50 0 91.0 120.0 149.0 212.0 240.0 279.0

m/z--> 100 120 140 160 180 200 220 240 260 280

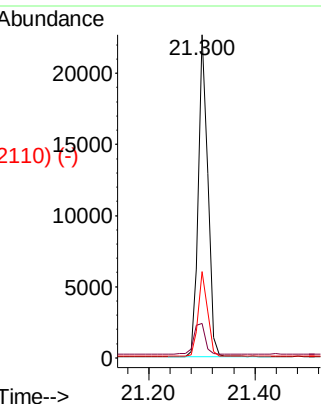
Abundance Scan 2129 (21.300 min): BN013768.D\data.ms (-2110) (-)

Sub 50 0 120.0 167.0 212.0 240.0 279.0

m/z--> 100 120 140 160 180 200 220 240 260 280

Tgt Ion:240 Resp: 27824
Ion Ratio Lower Upper

240	100		
120	10.8	10.2	15.4
236	26.7	21.3	31.9



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

Pyrene
Concen: 0.03 ng
RT: 19.543 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

Ref 50 0 101.0 122.0 202.0

m/z--> 100 120 140 160 180 200 220 240

Abundance Scan 1914 (19.543 min): BN013768.D\data.ms

Raw 50 0 101.0 122.0 202.0 244.0

m/z--> 100 120 140 160 180 200 220 240

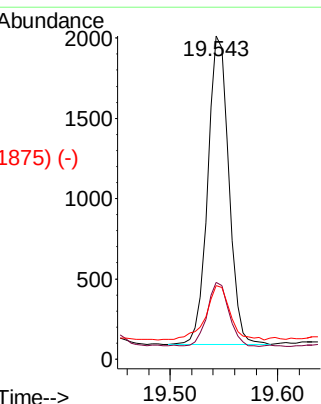
Abundance Scan 1914 (19.543 min): BN013768.D\data.ms (-1875) (-)

Sub 50 0 101.0 122.0 202.0

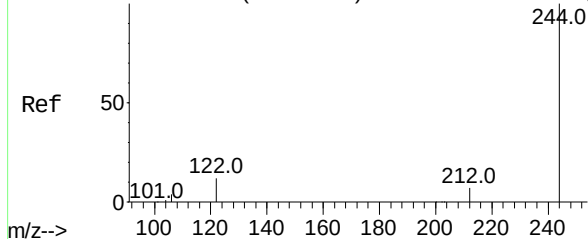
m/z--> 100 120 140 160 180 200 220 240

Tgt Ion:202 Resp: 2611
Ion Ratio Lower Upper

202	100		
200	21.3	16.3	24.5
203	20.5	14.0	21.0



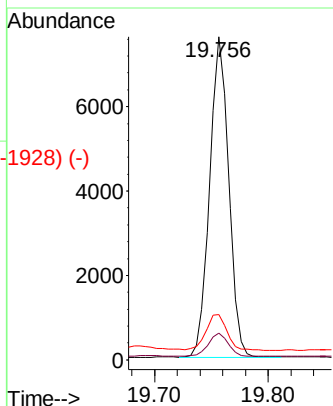
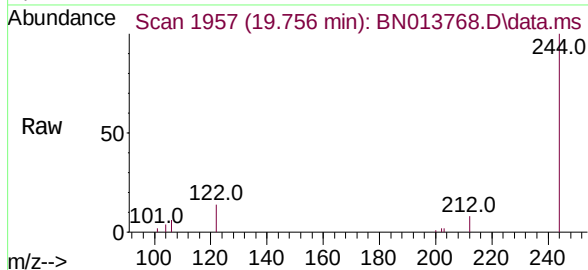
Abundance Scan 1957 (19.764 min): BN013740.D\data.ms (-1928) (-)



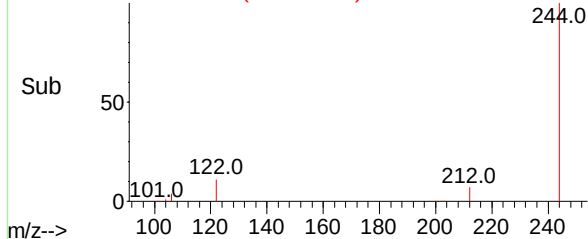
Terphenyl-d14
Concen: 0.14 ng
RT: 19.756 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

Instrument :
BNA_N
ClientSampleId :
GW803-32-37-022321

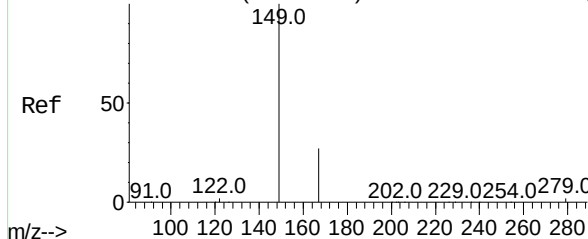
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.1	9.1
122	13.9	9.8	14.8



Abundance Scan 1957 (19.756 min): BN013768.D\data.ms (-1928) (-)

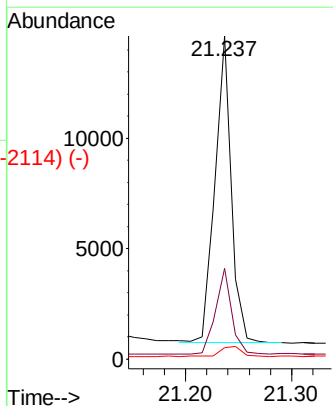
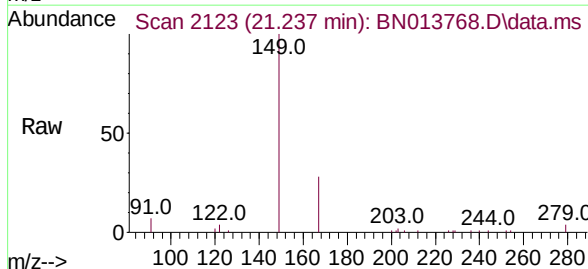


Abundance Scan 2123 (21.250 min): BN013740.D\data.ms (-2124) (-)

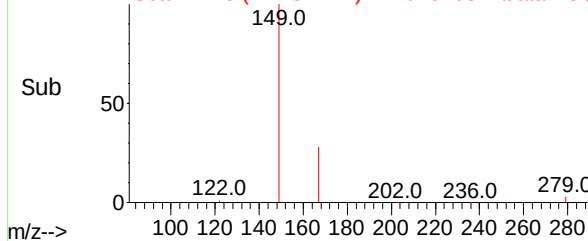


Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

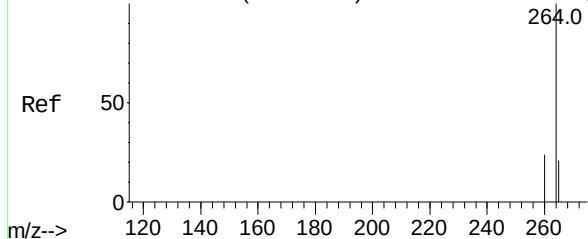
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	4.3	3.5	5.3



Abundance Scan 2123 (21.237 min): BN013768.D\data.ms (-2114) (-)



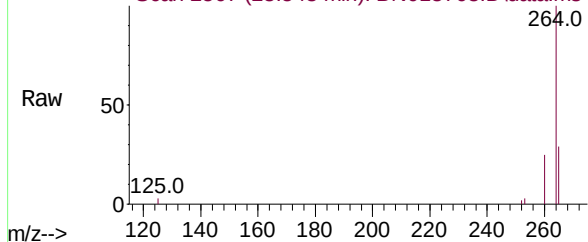
Abundance Scan 2568 (23.558 min): BN013740.D\data.ms (-2538) (-)



Perylene-d12
Concen: 0.40 ng
RT: 23.548 min Scan# 2567
Delta R.T. -0.004 min
Lab File: BN013768.D
Acq: 25 Feb 2021 15:00

Instrument :
BNA_N
ClientSampleId :
GW803-32-37-022321

Abundance Scan 2567 (23.548 min): BN013768.D\data.ms



Tgt Ion:	264	Resp:	26865
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	29.4	66.2	99.4#

Abundance Scan 2567 (23.548 min): BN013768.D\data.ms (-2524) (-)

