

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030621\
 Data File : BN013861.D
 Acq On : 05 Mar 2021 16:03
 Operator : CG/JU
 Sample : M1574-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 05 16:32:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:34:35 2021
 Response via : Initial Calibration

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

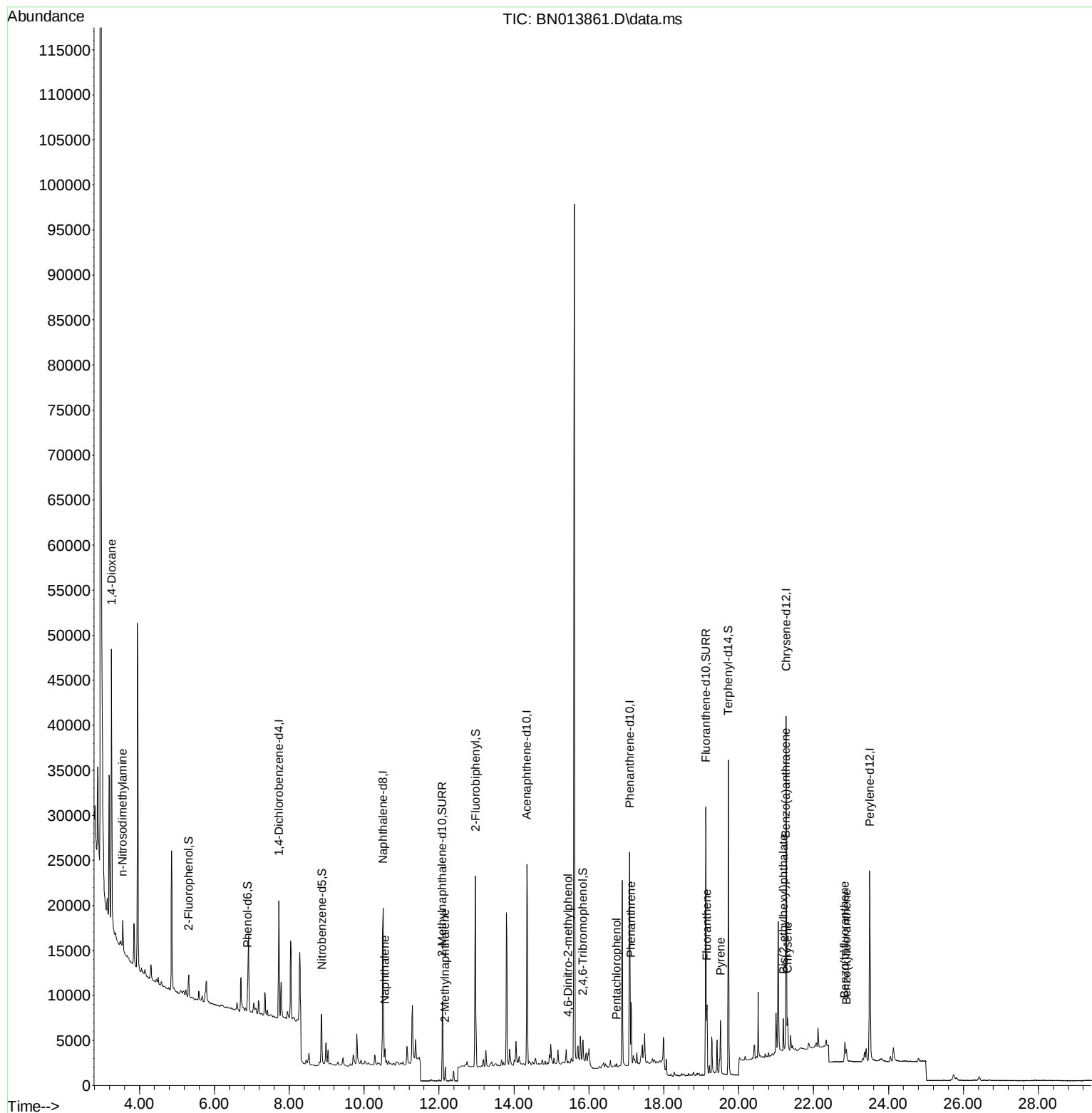
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	6085	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	23582	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	13406	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	30150	0.40	ng	0.00
29) Chrysene-d12	21.271	240	32813	0.40	ng	# 0.00
36) Perylene-d12	23.500	264	28003	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.317	112	1866	0.11	ng	0.00
5) Phenol-d6	6.887	99	1430	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	4965	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	11374	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1825	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	17725	0.37	ng	0.00
27) Fluoranthene-d10	19.124	212	31882	0.36	ng	0.00
31) Terphenyl-d14	19.725	244	32683	0.45	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.255	88	17469	2.37	ng	# 94
3) n-Nitrosodimethylamine	3.553	42	297	0.05	ng	# 1
9) Naphthalene	10.556	128	2195	0.04	ng	# 89
12) 2-Methylnaphthalene	12.164	142	1088	0.03	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.450	198	107	0.05	ng	# 1
24) Pentachlorophenol	16.739	266	117	0.02	ng	86
25) Phenanthrene	17.128	178	8229	0.10	ng	99
28) Fluoranthene	19.154	202	6766	0.07	ng	# 93
30) Pyrene	19.516	202	5279	0.05	ng	96
32) Benzo(a)anthracene	21.261	228	2509	0.02	ng	# 89
33) Chrysene	21.303	228	3203	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.197	149	3094	0.06	ng	98
37) Benzo(b)fluoranthene	22.832	252	2432	0.03	ng	# 29
38) Benzo(k)fluoranthene	22.873	252	1741	0.02	ng	# 38

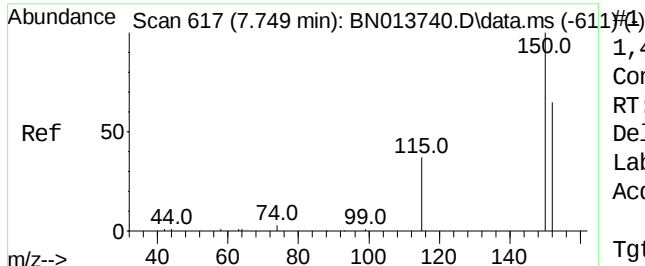
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030621\
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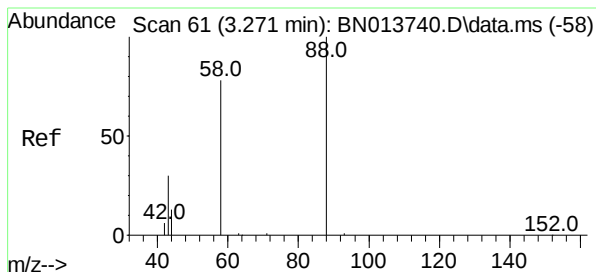
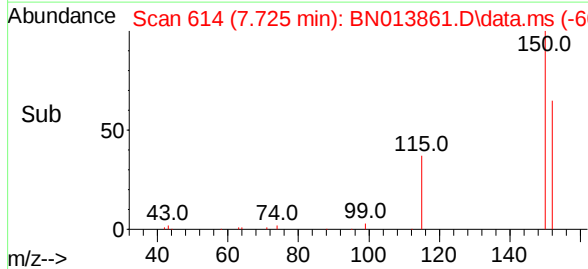
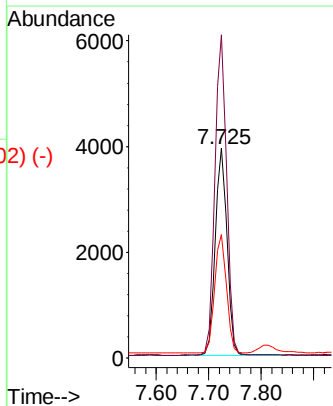
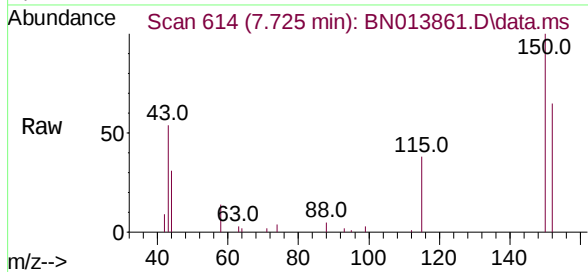




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 614
 Delta R.T. 0.001 min
 Lab File: BN013861.D
 Acq: 05 Mar 2021 16:03

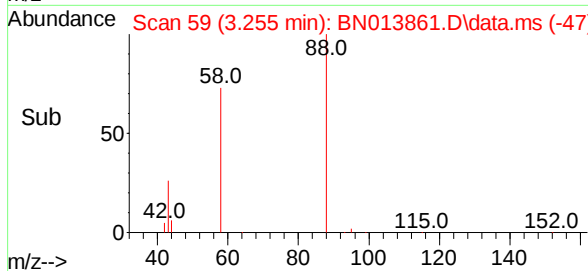
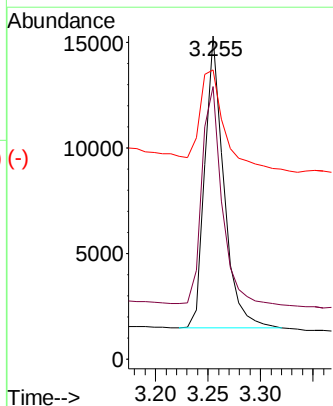
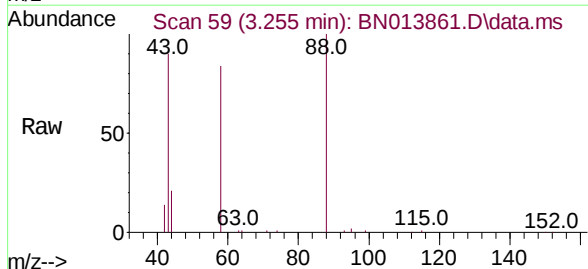
Instrument :
 BNA_N
 ClientSampled :

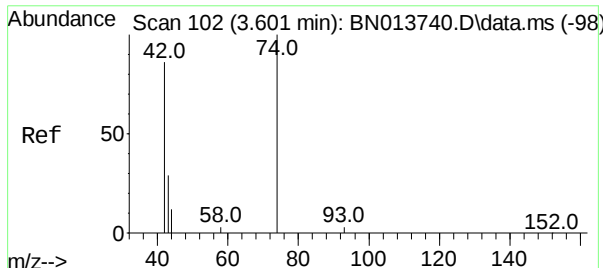
Tgt Ion:	152	Resp:	6085
Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.8	182.8
115	59.0	46.6	69.8



1,4-Dioxane
 Concen: 2.37 ng
 RT: 3.255 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BN013861.D
 Acq: 05 Mar 2021 16:03

Tgt Ion:	88	Resp:	17469
Ion	Ratio	Lower	Upper
88	100		
58	79.0	64.6	96.8
43	42.6	26.6	40.0#

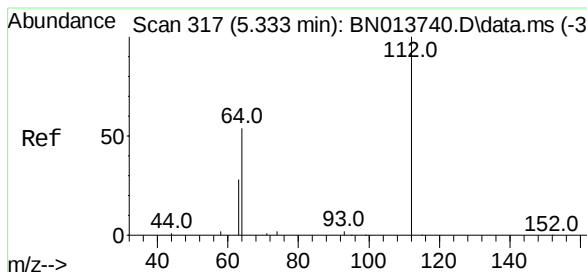
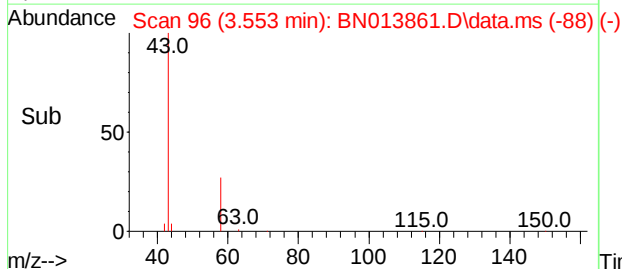
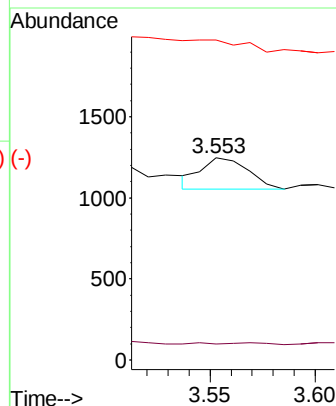
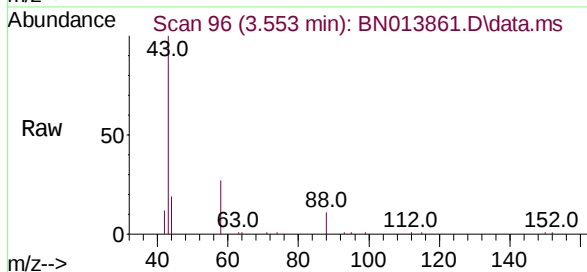




n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.553 min Scan# 96
Delta R.T. -0.032 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

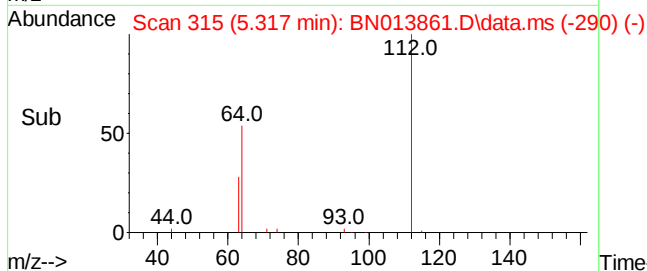
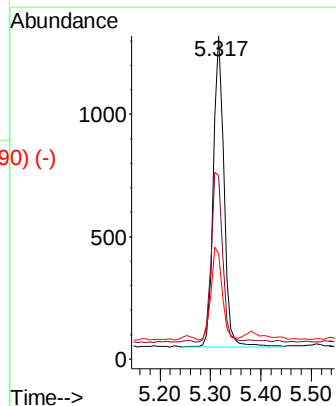
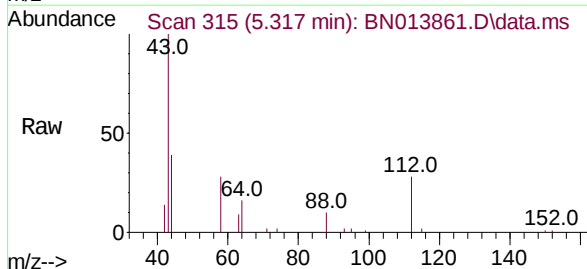
Instrument :
BNA_N
ClientSampleId :

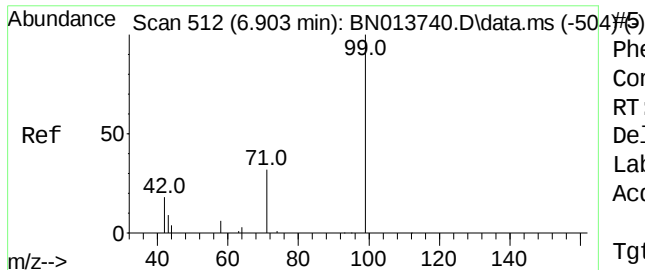
Tgt Ion:	42	Resp:	297
Ion	Ratio	Lower	Upper
42	100		
74	1.0	95.0	142.6#
44	0.0	5.8	8.8#



2-Fluorophenol
Concen: 0.11 ng
RT: 5.317 min Scan# 315
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:	112	Resp:	1866
Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.3	66.5
63	30.9	23.0	34.6

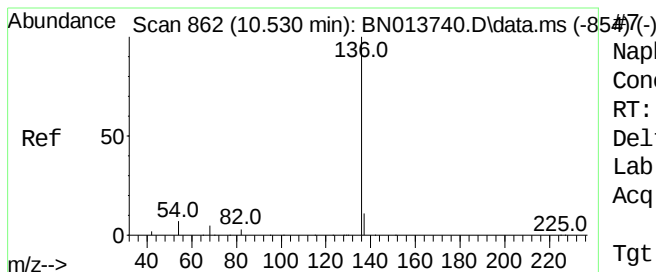
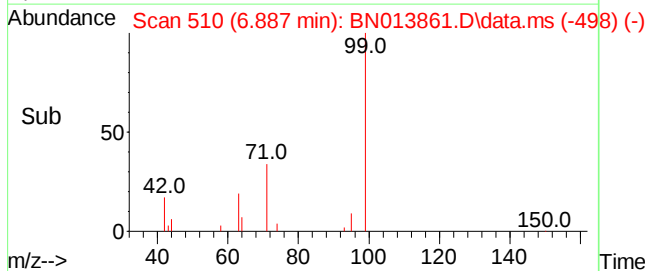
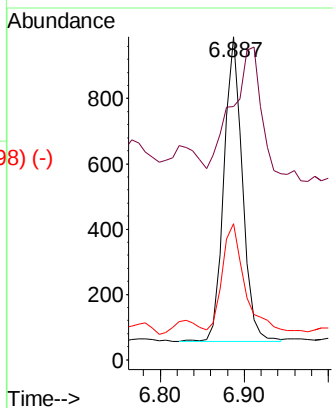
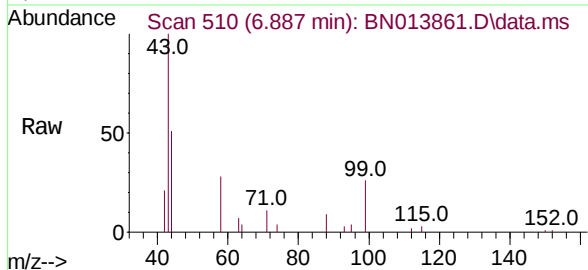




Phenol-d6
 Concen: 0.07 ng
 RT: 6.887 min Scan# 510
 Delta R.T. 0.000 min
 Lab File: BN013861.D
 Acq: 05 Mar 2021 16:03

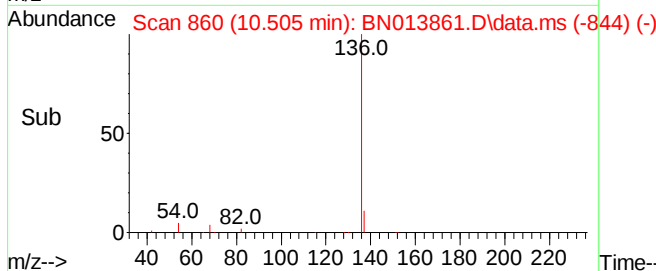
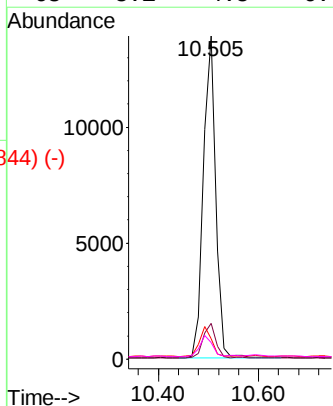
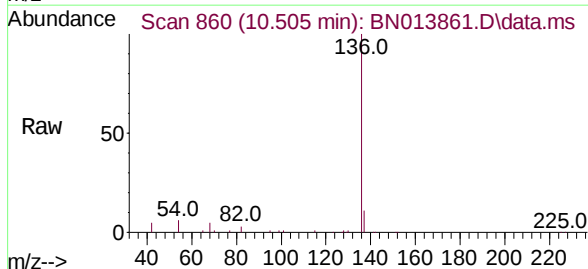
Instrument :
 BNA_N
 ClientSampled :

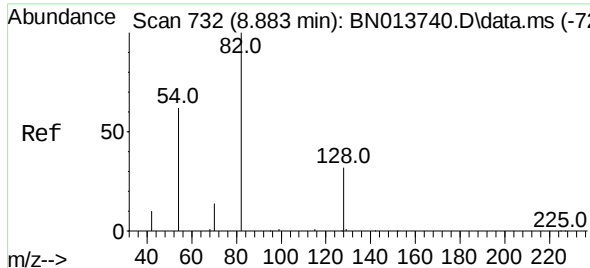
Tgt Ion:	99	Resp:	1430
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	42.7	26.1	39.1#



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.505 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: BN013861.D
 Acq: 05 Mar 2021 16:03

Tgt Ion:	136	Resp:	23582
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.2	6.4	9.6#
68	5.1	4.5	6.7

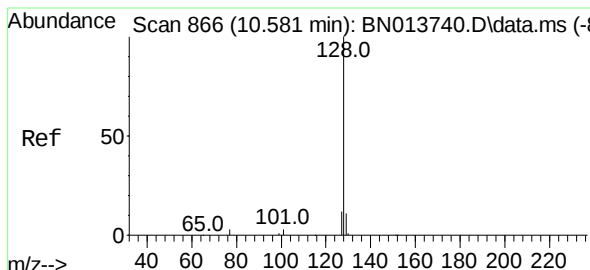
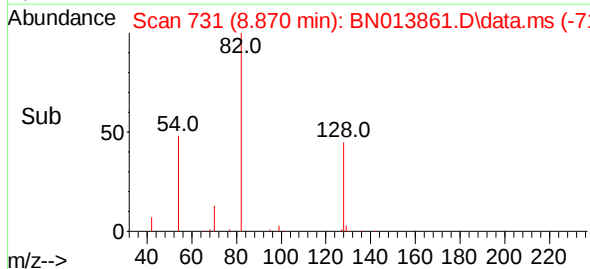
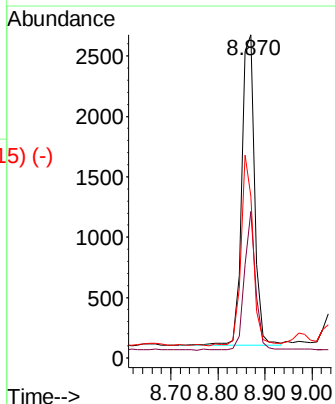
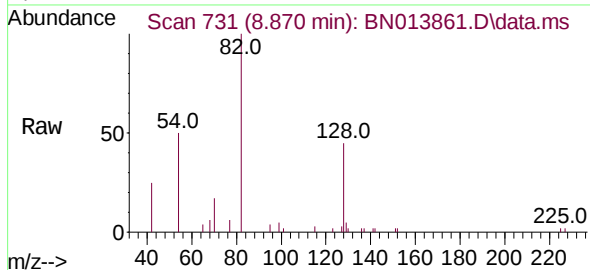




Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

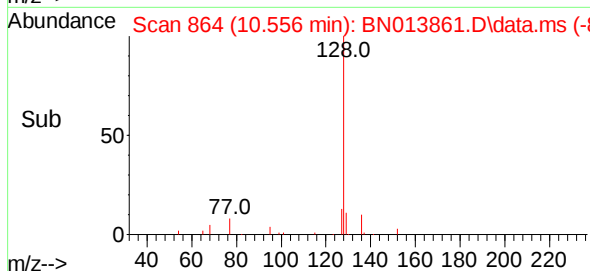
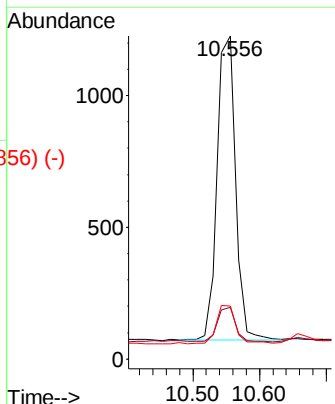
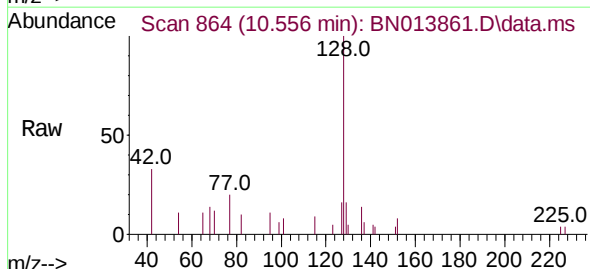
Instrument :
BNA_N
ClientSampled :

Tgt Ion:	82	Resp:	4965
Ion	Ratio	Lower	Upper
82	100		
128	45.3	39.2	58.8
54	50.0	40.1	60.1

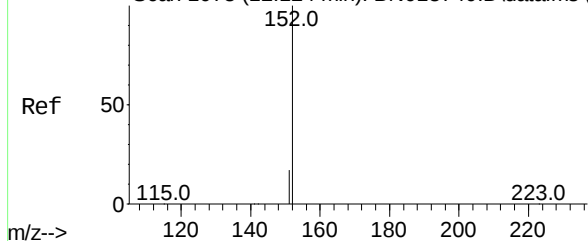


Naphthalene
Concen: 0.04 ng
RT: 10.556 min Scan# 864
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:	128	Resp:	2195
Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.0	13.4#
127	16.5	10.4	15.6#



Abundance Scan 1078 (12.124 min): BN013740.D\data.ms (-1011) (-)

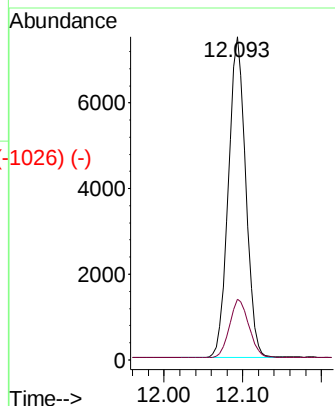
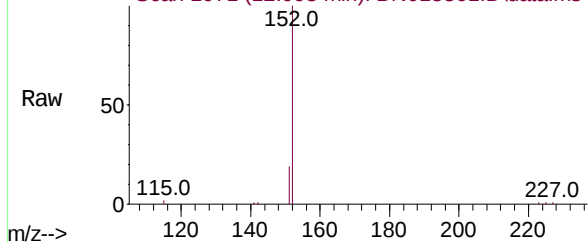


2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.093 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

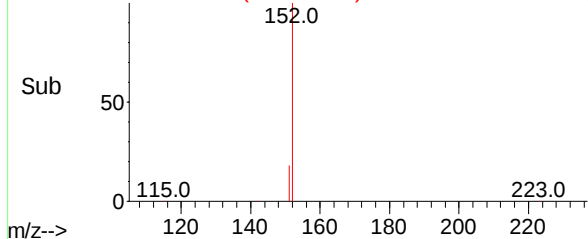
Tgt Ion:152 Resp: 11374
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

Instrument :
BNA_N
ClientSampleId :

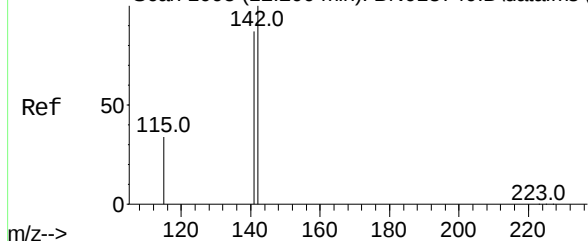
Abundance Scan 1071 (12.093 min): BN013861.D\data.ms



Abundance Scan 1071 (12.093 min): BN013861.D\data.ms (-1026) (-)



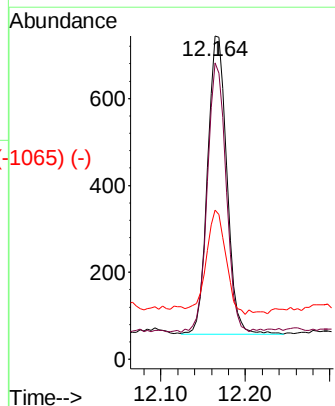
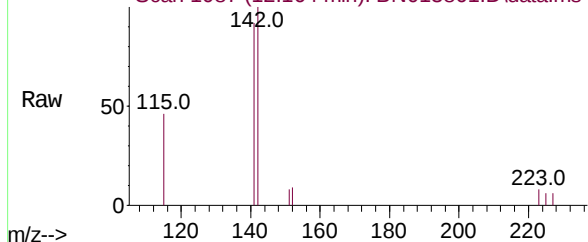
Abundance Scan 1095 (12.200 min): BN013740.D\data.ms (-1015) (-)



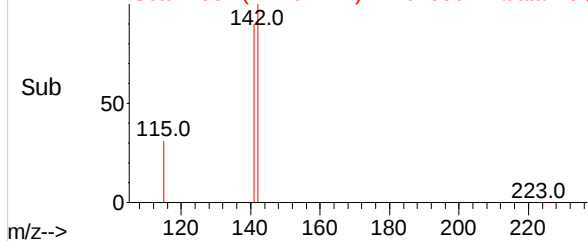
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.164 min Scan# 1087
Delta R.T. -0.004 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:142 Resp: 1088
Ion Ratio Lower Upper
142 100
141 91.7 70.5 105.7
115 46.2 27.4 41.0#

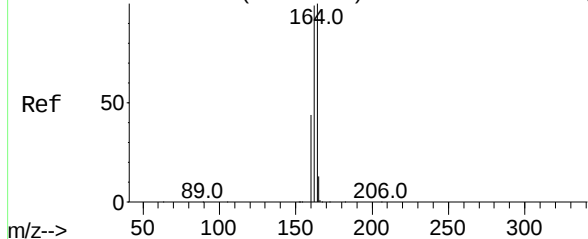
Abundance Scan 1087 (12.164 min): BN013861.D\data.ms



Abundance Scan 1087 (12.164 min): BN013861.D\data.ms (-1065) (-)



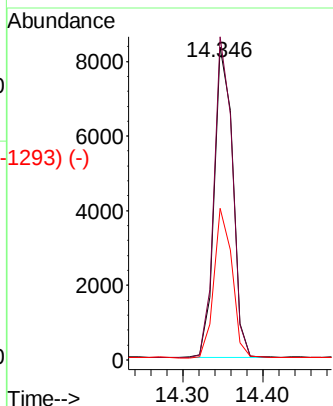
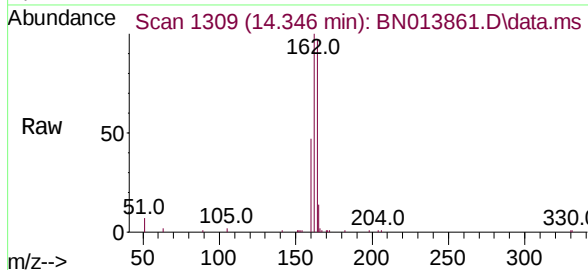
Abundance Scan 1312 (14.384 min): BN013740.D\data.ms (-1293) (-)



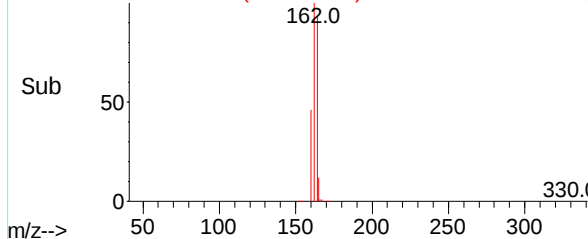
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Instrument :
BNA_N
ClientSampled :

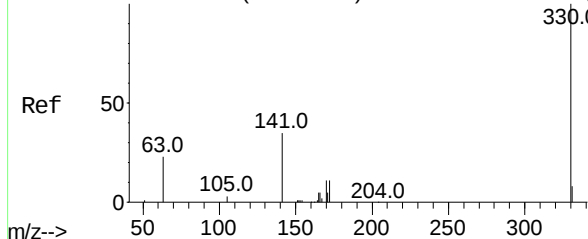
Tgt Ion:	164	Resp:	13406
Ion Ratio	Lower	Upper	
164	100		
162	103.2	79.6	119.4
160	48.4	36.0	54.0



Abundance Scan 1309 (14.346 min): BN013861.D\data.ms (-1293) (-)

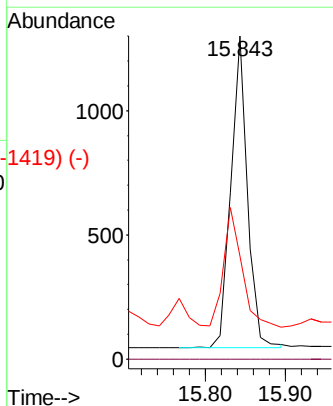
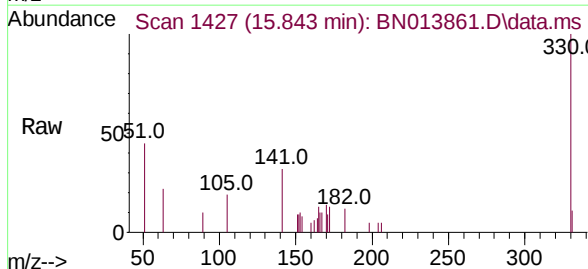


Abundance Scan 1429 (15.869 min): BN013740.D\data.ms (-1419) (-)

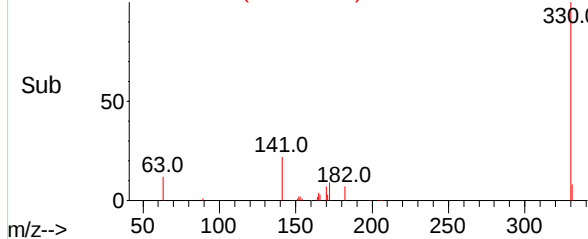


2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

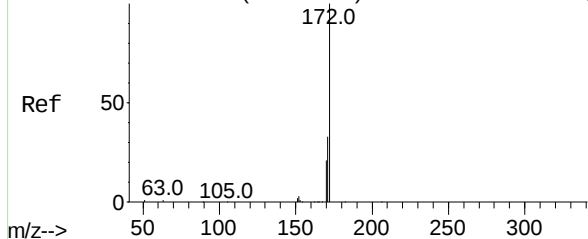
Tgt Ion:	330	Resp:	1825
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	42.5	26.8	40.2#



Abundance Scan 1427 (15.843 min): BN013861.D\data.ms (-1419) (-)



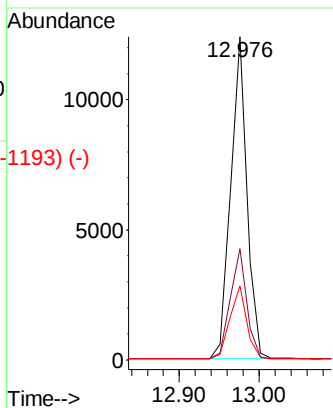
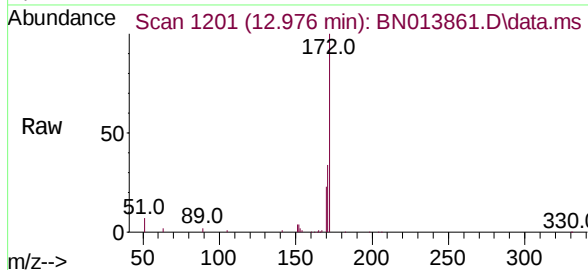
Abundance Scan 1204 (13.014 min): BN013740.D\data.ms (-1205)



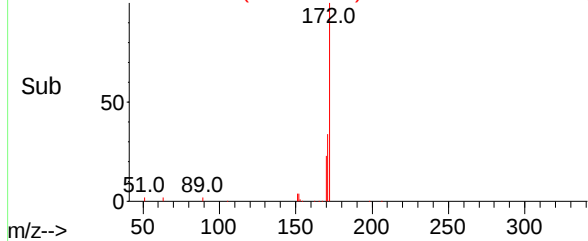
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Instrument :
BNA_N
ClientSampled :

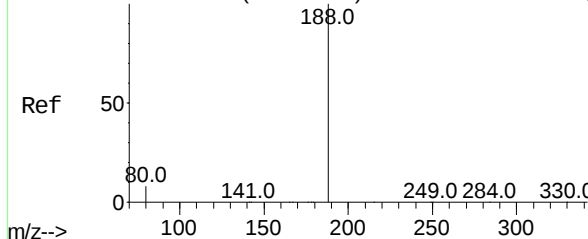
Tgt Ion:	172	Resp:	17725
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	23.0	18.9	28.3



Abundance Scan 1201 (12.976 min): BN013861.D\data.ms (-1193)

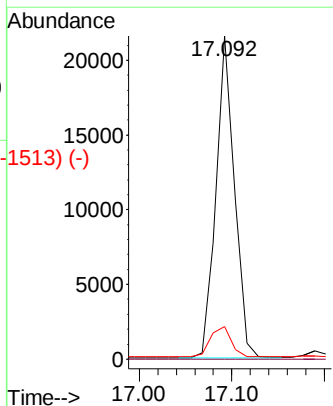
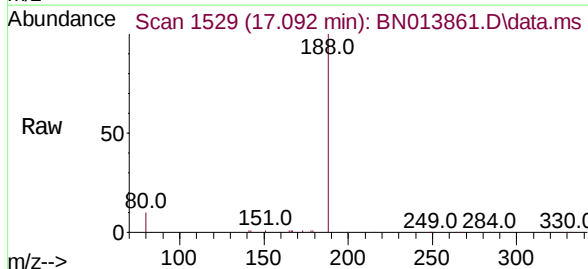


Abundance Scan 1532 (17.128 min): BN013740.D\data.ms (-1529)

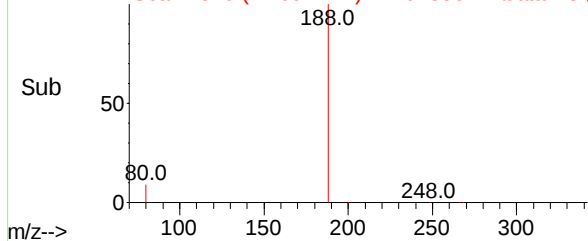


Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:	188	Resp:	30150
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	9.0	13.6



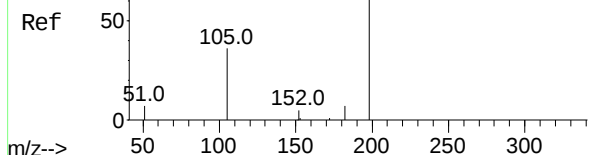
Abundance Scan 1529 (17.092 min): BN013861.D\data.ms (-1513)



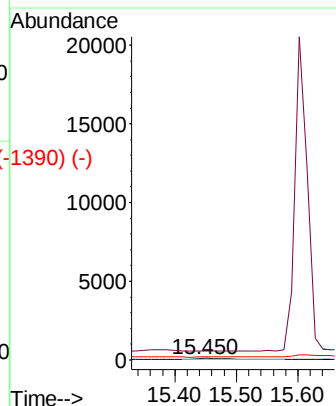
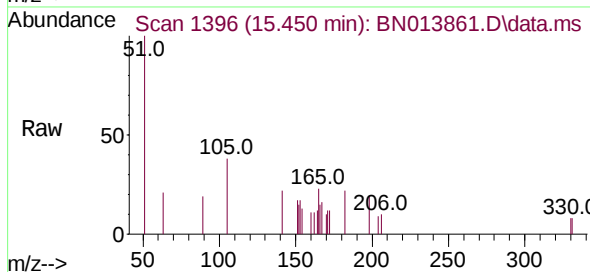
Abundance Scan 1400 (15.501 min): BN013740.D\data.ms (-1390) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.025 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

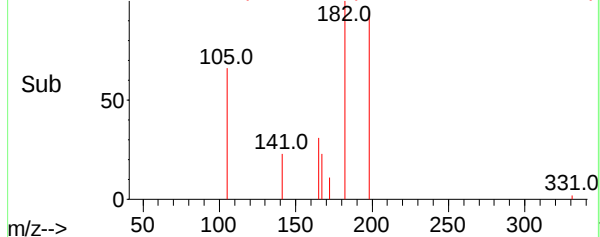
Instrument :
BNA_N
ClientSampled :



Tgt Ion:	198	Resp:	107
Ion Ratio	Lower	Upper	
198	100		
51	540.2	61.7	92.5#
105	204.7	33.0	49.6#



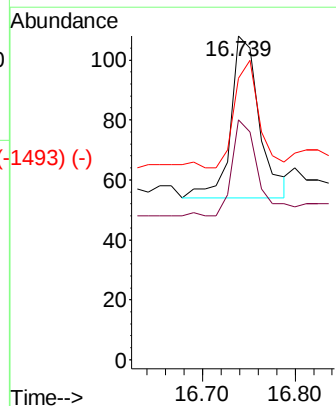
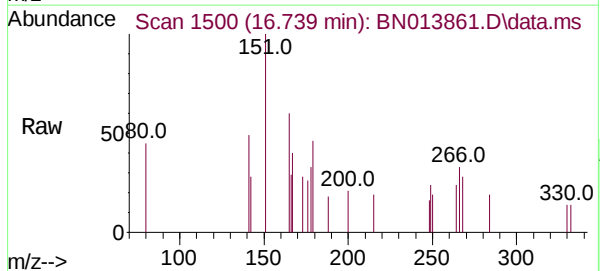
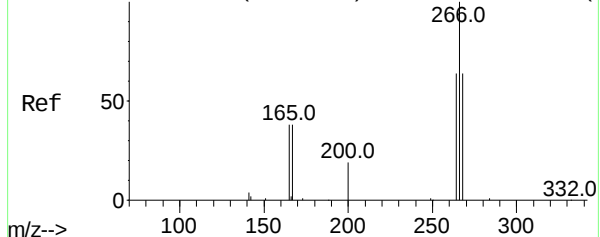
Abundance Scan 1396 (15.450 min): BN013861.D\data.ms (-1390) (-)



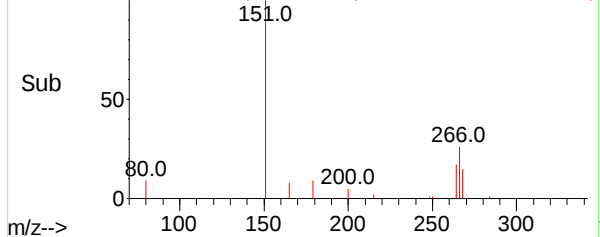
Abundance Scan 1503 (16.776 min): BN013740.D\data.ms (-1493) (-)

Pentachlorophenol
Concen: 0.02 ng
RT: 16.739 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:	266	Resp:	117
Ion Ratio	Lower	Upper	
266	100		
264	54.7	51.6	77.4
268	56.4	54.6	82.0



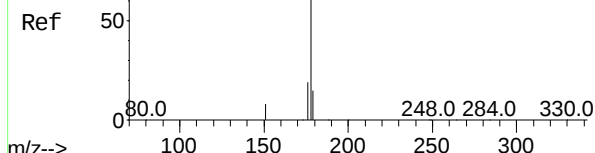
Abundance Scan 1500 (16.739 min): BN013861.D\data.ms (-1493) (-)



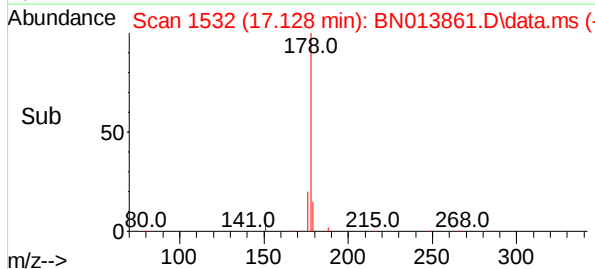
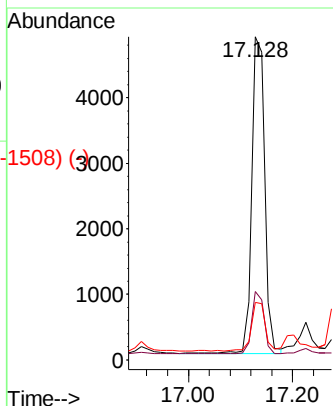
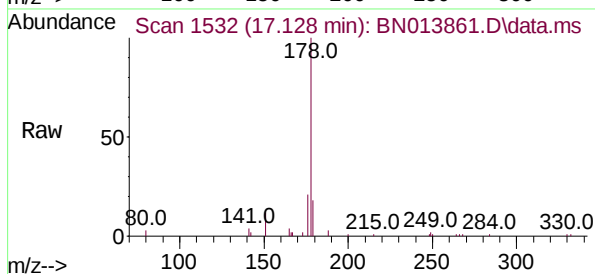
Abundance Scan 1535 (17.165 min): BN013740.D\data.ms (-1525) (-)

Phenanthrene
Concen: 0.10 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Instrument :
BNA_N
ClientSampled :



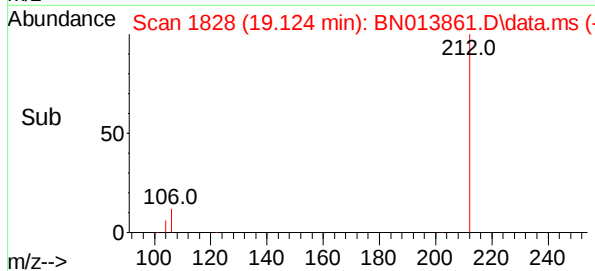
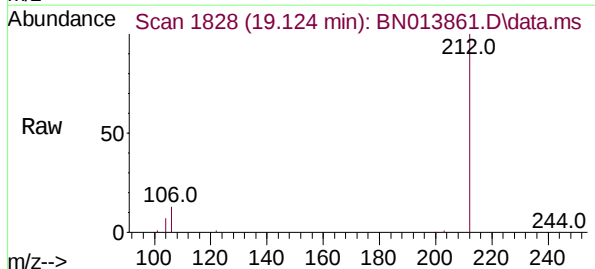
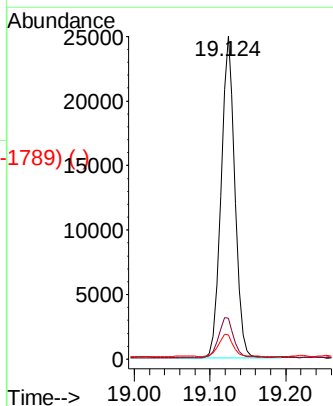
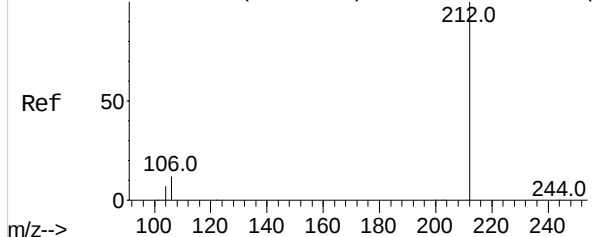
Tgt Ion:	178	Resp:	8229
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.0	22.4
179	16.1	12.3	18.5



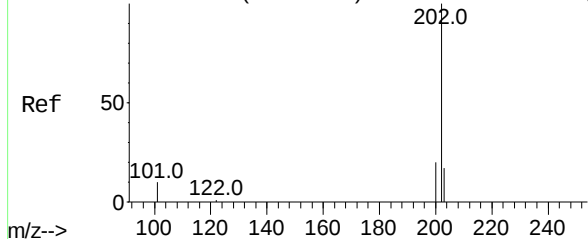
Abundance Scan 1835 (19.159 min): BN013740.D\data.ms (-1825) (-)

Fluoranthene-d10
Concen: 0.36 ng
RT: 19.124 min Scan# 1828
Delta R.T. -0.005 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:	212	Resp:	31882
Ion Ratio	Lower	Upper	
212	100		
106	12.9	9.7	14.5
104	7.4	5.5	8.3



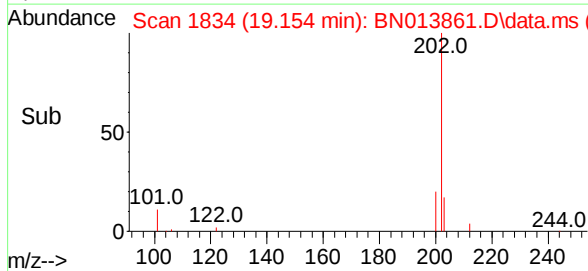
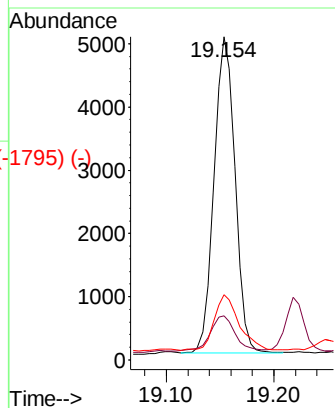
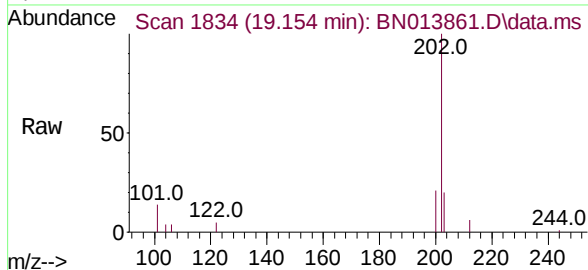
Abundance Scan 1841 (19.188 min): BN013740.D\data.ms (-1623) (-)



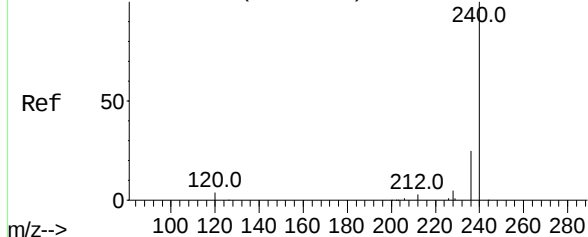
Fluoranthene
Concen: 0.07 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Instrument :
BNA_N
ClientSampled :

Tgt Ion:	202	Resp:	6766
Ion Ratio	Lower	Upper	
202	100		
101	13.0	8.1	12.1#
203	20.5	13.9	20.9

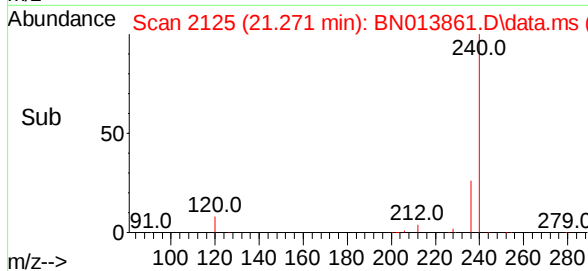
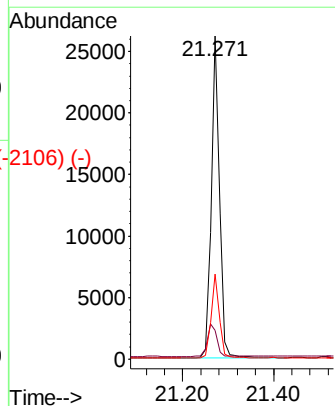
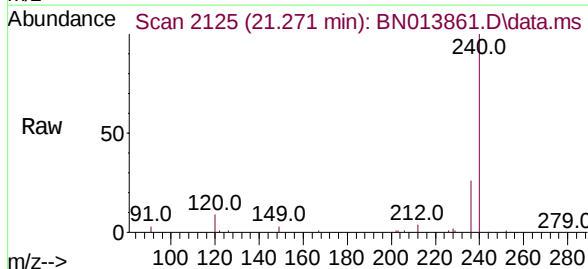


Abundance Scan 2129 (21.314 min): BN013740.D\data.ms (-2129) (-)

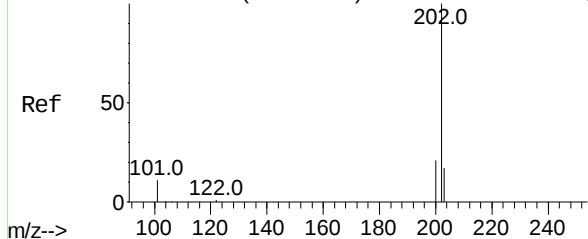


Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion:	240	Resp:	32813
Ion Ratio	Lower	Upper	
240	100		
120	9.0	10.2	15.4#
236	26.3	21.3	31.9



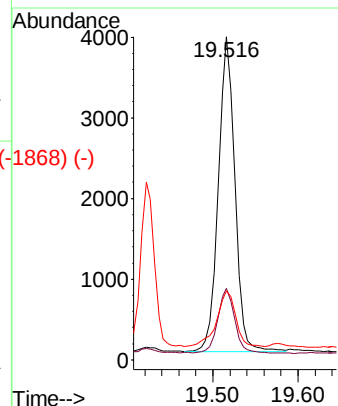
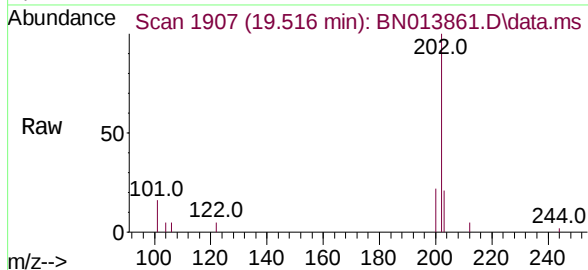
Abundance Scan 1914 (19.551 min): BN013740.D\data.ms (-1938) (-)



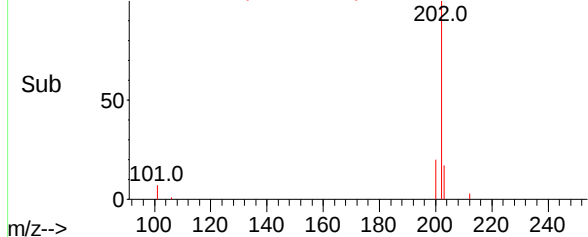
Pyrene
Concen: 0.05 ng
RT: 19.516 min Scan# 1907
Delta R.T. -0.005 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Instrument :
BNA_N
ClientSampleId :

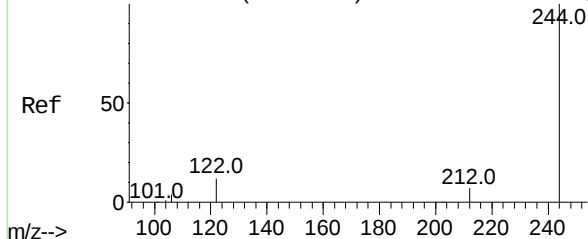
Tgt Ion:	202	Resp:	5279
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.3	24.5
203	20.4	14.0	21.0



Abundance Scan 1907 (19.516 min): BN013861.D\data.ms (-1868) (-)

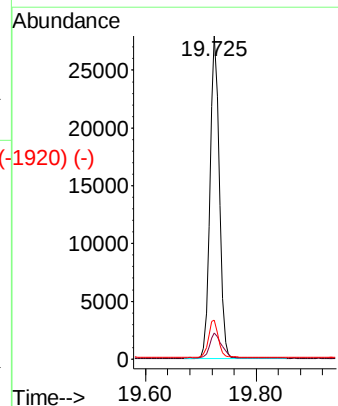
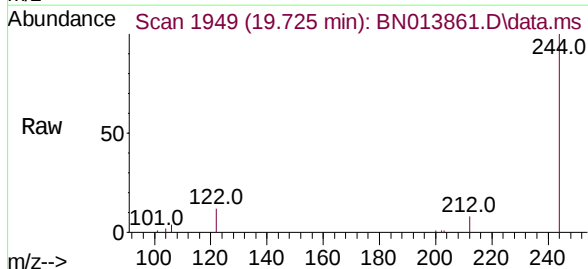


Abundance Scan 1957 (19.764 min): BN013740.D\data.ms (-1948) (-)

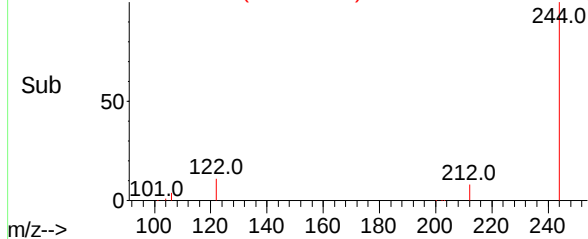


Terphenyl-d14
Concen: 0.45 ng
RT: 19.725 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

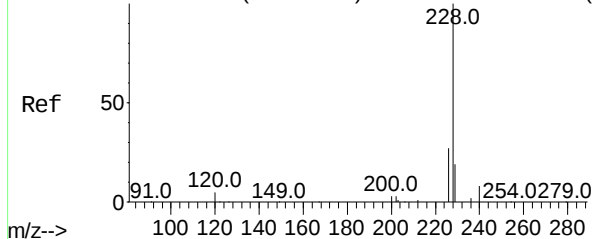
Tgt Ion:	244	Resp:	32683
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	12.0	9.8	14.8



Abundance Scan 1949 (19.725 min): BN013861.D\data.ms (-1920) (-)



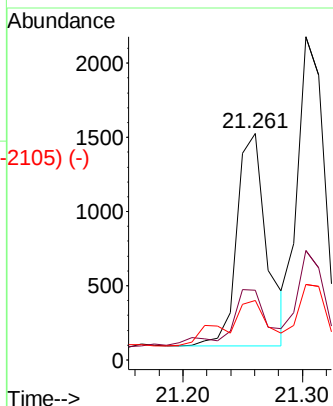
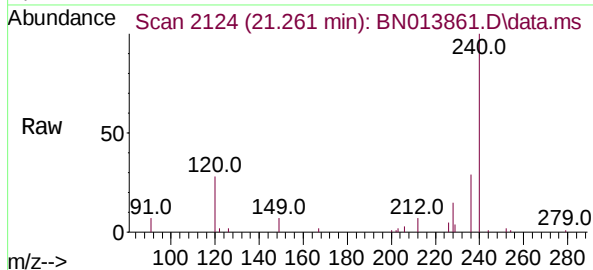
Abundance Scan 2127 (21.293 min): BN013740.D\data.ms (-2127) (-)



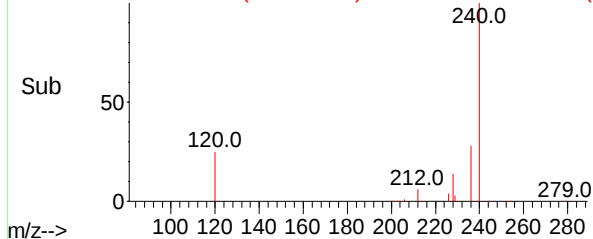
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Instrument :
BNA_N
ClientSampled :

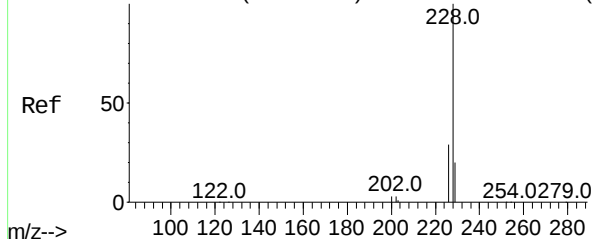
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	20.5	30.7#
229	26.2	16.2	24.4#



Abundance Scan 2124 (21.261 min): BN013861.D\data.ms (-2105) (-)

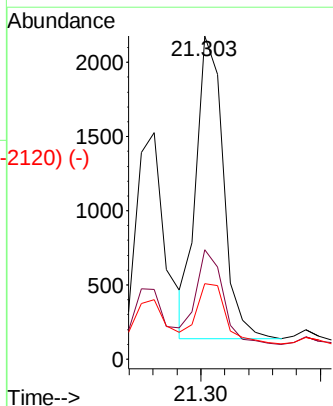
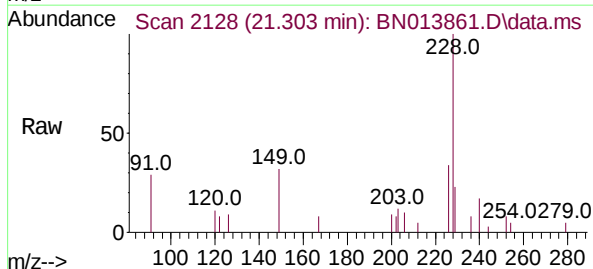


Abundance Scan 2132 (21.346 min): BN013740.D\data.ms (-2128) (-)

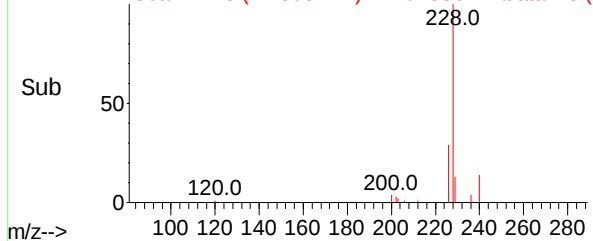


Chrysene
Concen: 0.03 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.010 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.3	36.5
229	23.4	15.1	22.7#



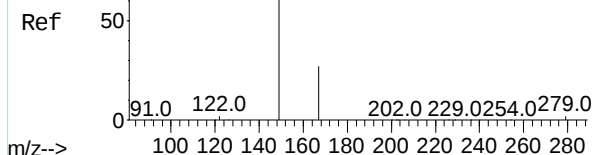
Abundance Scan 2128 (21.303 min): BN013861.D\data.ms (-2120) (-)



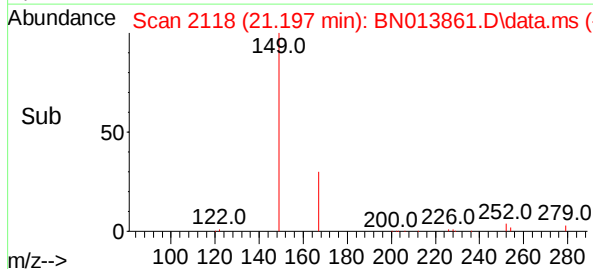
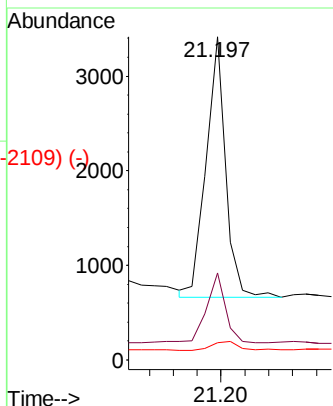
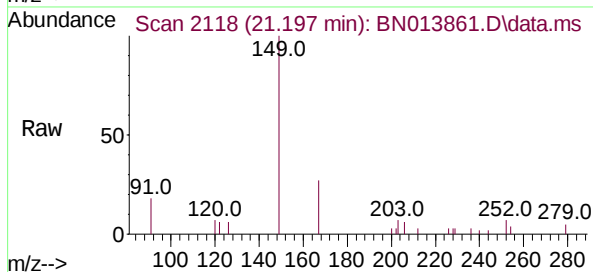
Abundance Scan 2123 (21.250 min): BN013740.D\data.ms (-2123) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.197 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Instrument :
BNA_N
ClientSampleId :

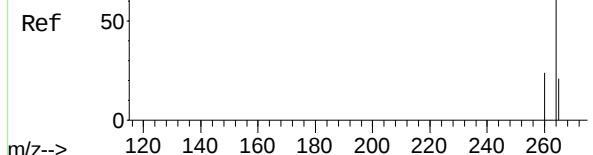


Tgt Ion:	149	Resp:	3094
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.1	33.1
279	5.0	3.5	5.3

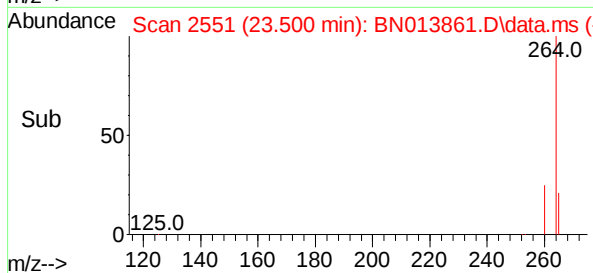
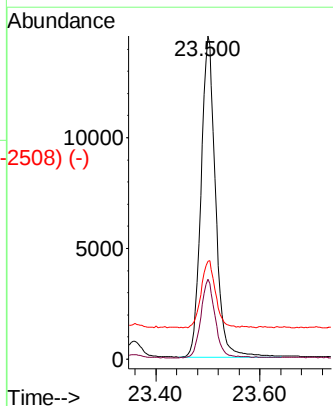
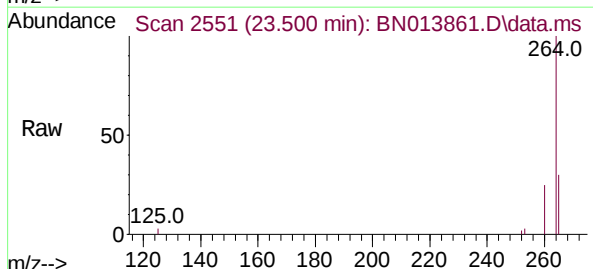


Abundance Scan 2568 (23.558 min): BN013740.D\data.ms (-2568) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.500 min Scan# 2551
Delta R.T. -0.003 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03



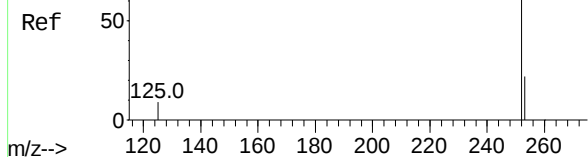
Tgt Ion:	264	Resp:	28003
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.3	28.9
265	30.3	66.2	99.4#



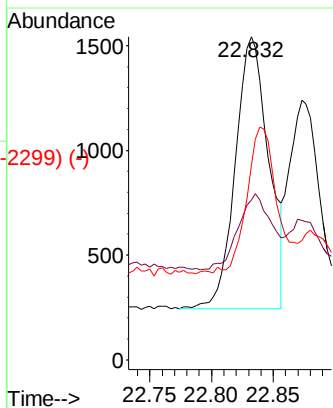
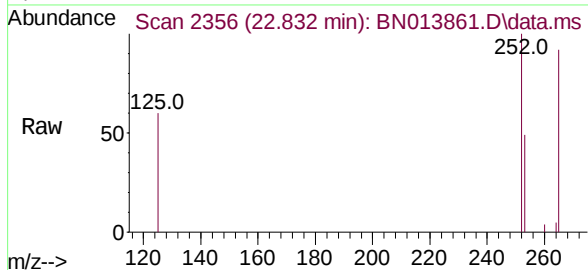
Abundance Scan 2371 (22.883 min): BN013740.D\data.ms (-2371)

Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.832 min Scan# 2356
Delta R.T. -0.003 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

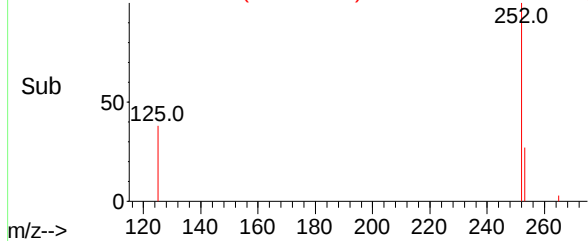
Instrument :
BNA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.4	20.4	30.6#
125	60.4	11.6	17.4#



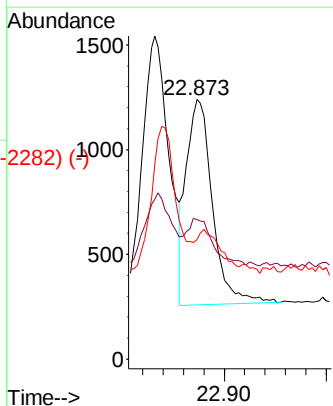
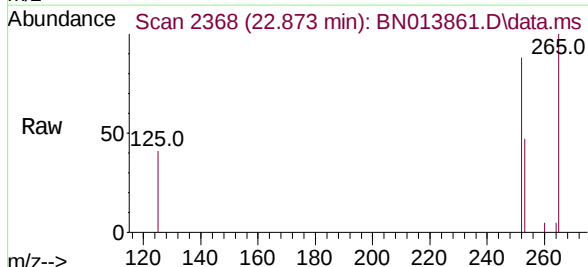
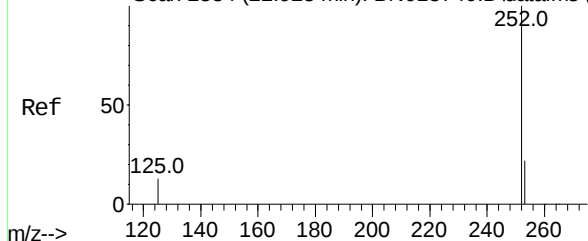
Abundance Scan 2356 (22.832 min): BN013861.D\data.ms (-2299)



Abundance Scan 2384 (22.928 min): BN013740.D\data.ms (-2378)

Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.873 min Scan# 2368
Delta R.T. -0.007 min
Lab File: BN013861.D
Acq: 05 Mar 2021 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	53.7	20.5	30.7#
125	46.2	12.3	18.5#



Abundance Scan 2368 (22.873 min): BN013861.D\data.ms (-2282)

