

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030621\
 Data File : BN013862.D
 Acq On : 05 Mar 2021 16:39
 Operator : CG/JU
 Sample : M1574-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 05 17:11:02 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)

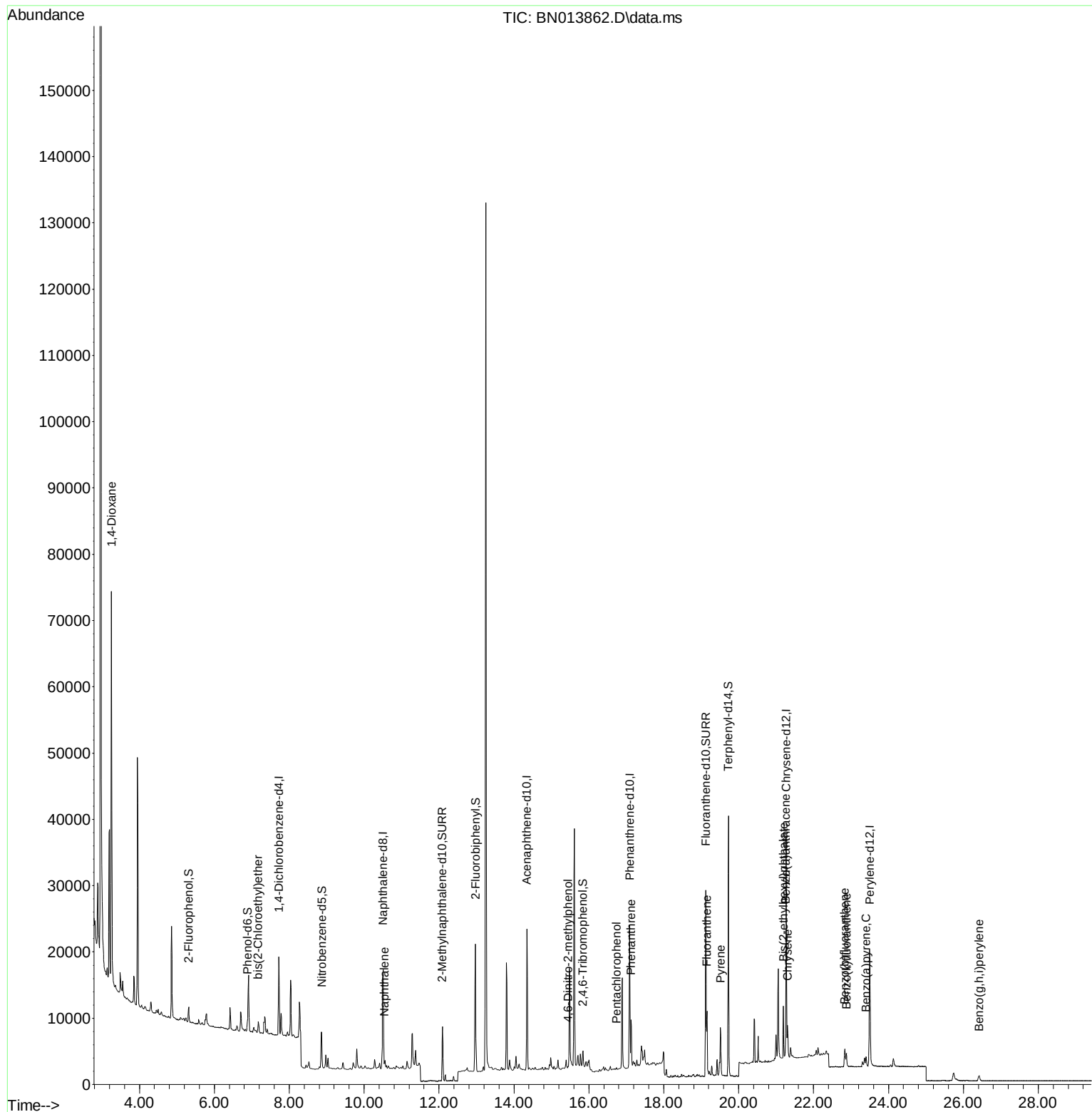
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5521	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	21253	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	12125	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	26881	0.40	ng	0.00
29) Chrysene-d12	21.271	240	28832	0.40	ng	# 0.00
36) Perylene-d12	23.499	264	23653	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	1712	0.12	ng	0.00
5) Phenol-d6	6.887	99	1272	0.06	ng	0.00
8) Nitrobenzene-d5	8.870	82	4954	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	10713	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1817	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	16392	0.38	ng	0.00
27) Fluoranthene-d10	19.124	212	30457	0.38	ng	0.00
31) Terphenyl-d14	19.724	244	35812	0.56	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.255	88	36440	5.46	ng	96
6) bis(2-Chloroethyl)ether	7.169	93	981	0.07	ng	# 25
9) Naphthalene	10.543	128	1405	0.03	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.450	198	146	0.08	ng	# 1
24) Pentachlorophenol	16.739	266	103	0.02	ng	92
25) Phenanthrene	17.128	178	8247	0.12	ng	98
28) Fluoranthene	19.154	202	8217	0.10	ng	96
30) Pyrene	19.516	202	6385	0.07	ng	97
32) Benzo(a)anthracene	21.261	228	3151	0.04	ng	# 91
33) Chrysene	21.303	228	4147	0.05	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.197	149	6775	0.16	ng	98
37) Benzo(b)fluoranthene	22.832	252	3714	0.05	ng	# 64
38) Benzo(k)fluoranthene	22.873	252	2532	0.03	ng	# 56
39) Benzo(a)pyrene	23.400	252	1858	0.03	ng	# 31
41) Benzo(g,h,i)perylene	26.419	276	1641	0.02	ng	# 74

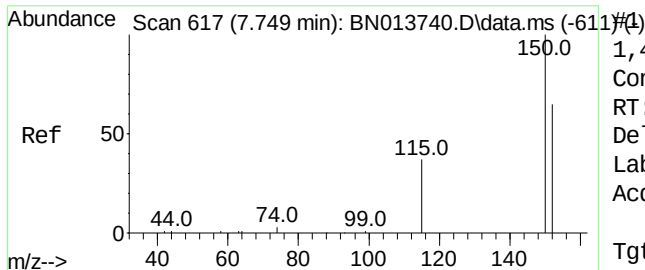
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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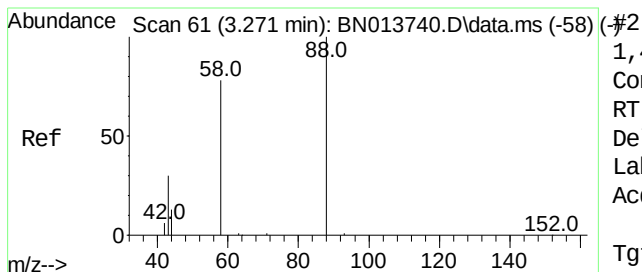
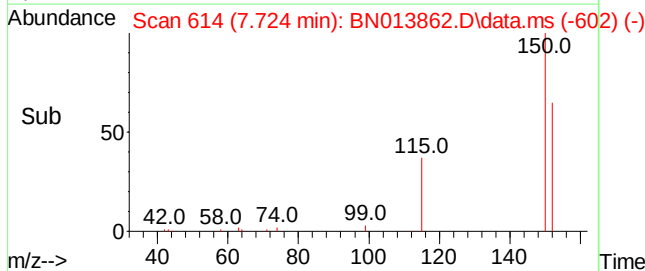
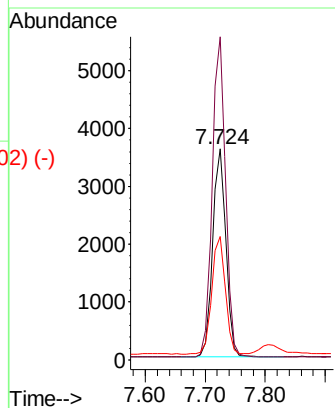
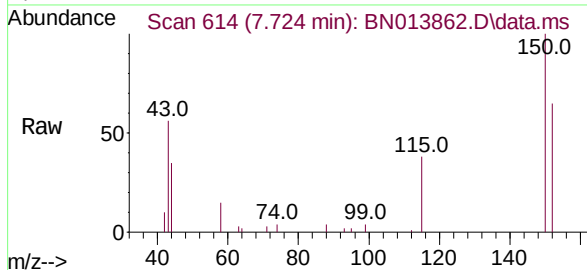




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

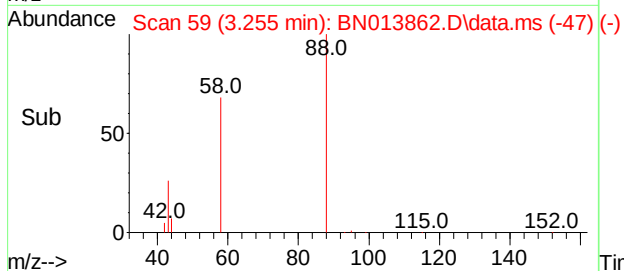
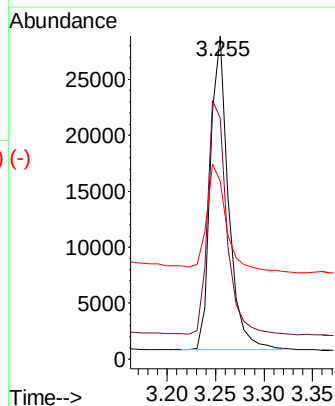
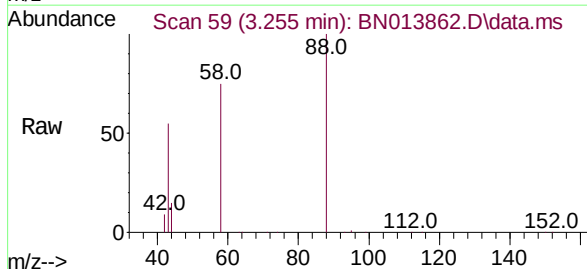
Instrument :
BNA_N
ClientSampleId :

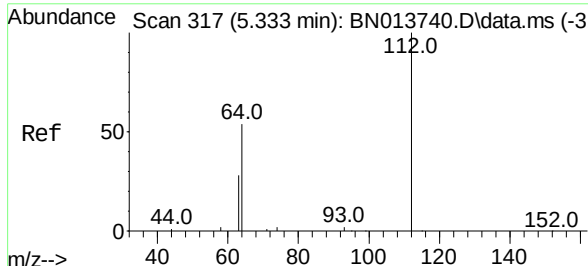
Tgt Ion:152 Resp: 5521
Ion Ratio Lower Upper
152 100
150 152.8 121.8 182.8
115 58.5 46.6 69.8



1,4-Dioxane
Concen: 5.46 ng
RT: 3.255 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion: 88 Resp: 36440
Ion Ratio Lower Upper
88 100
58 78.2 64.6 96.8
43 37.2 26.6 40.0

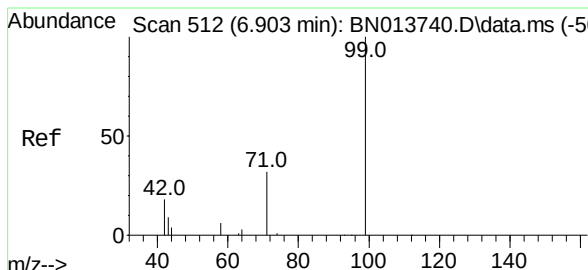
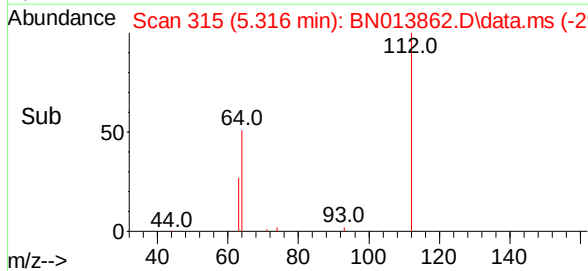
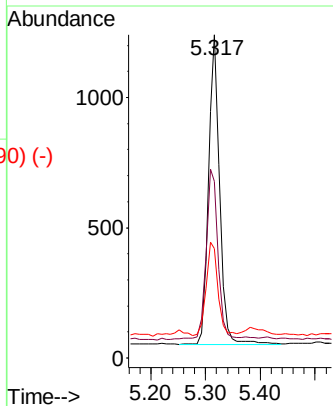
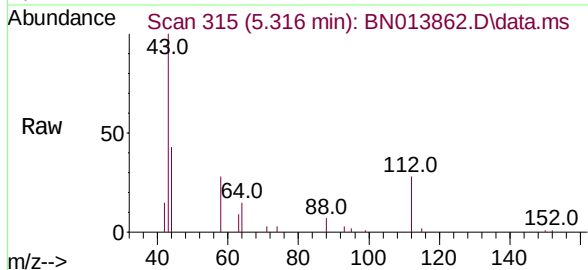




2-Fluorophenol
 Concen: 0.12 ng
 RT: 5.316 min Scan# 315
 Delta R.T. 0.000 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

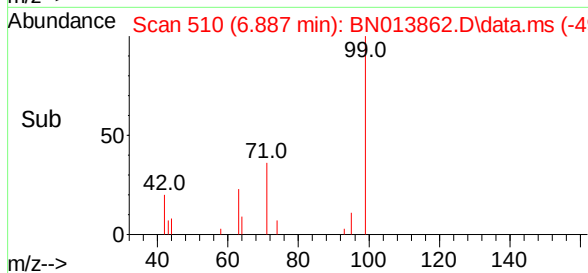
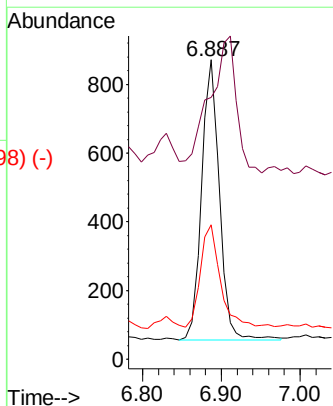
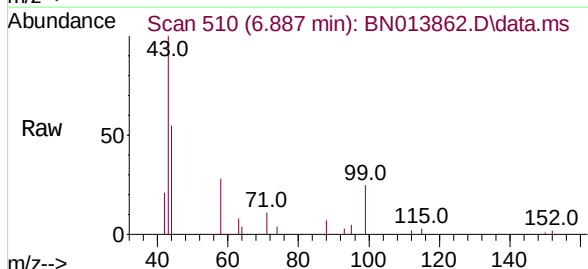
Instrument :
 BNA_N
 ClientSampled :

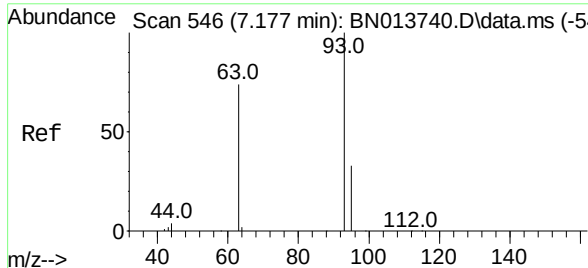
Tgt Ion:	112	Resp:	1712
Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.3	66.5
63	31.6	23.0	34.6



Phenol-d6
 Concen: 0.06 ng
 RT: 6.887 min Scan# 510
 Delta R.T. 0.000 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

Tgt Ion:	99	Resp:	1272
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	40.2	26.1	39.1#

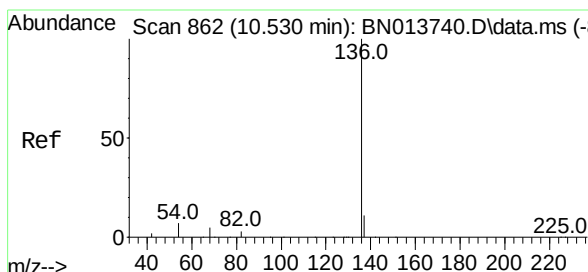
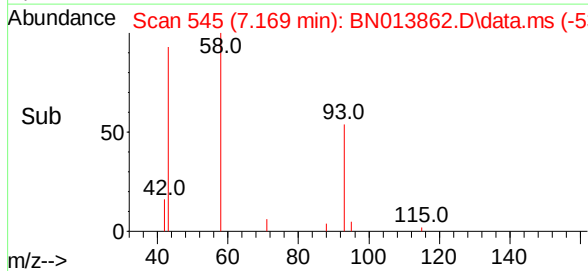
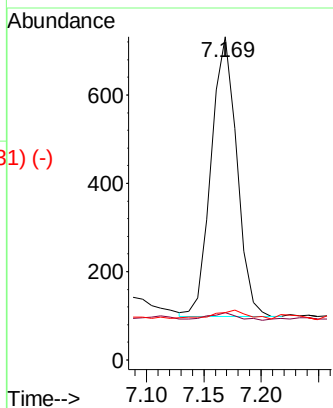
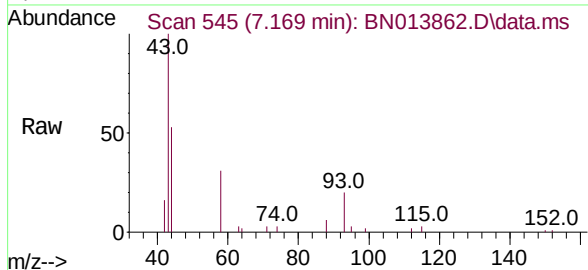




Scan 546 (7.177 min): BN013740.D\data.ms (-541)#6
 bis(2-Chloroethyl)ether
 Concen: 0.07 ng
 RT: 7.169 min Scan# 545
 Delta R.T. 0.016 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

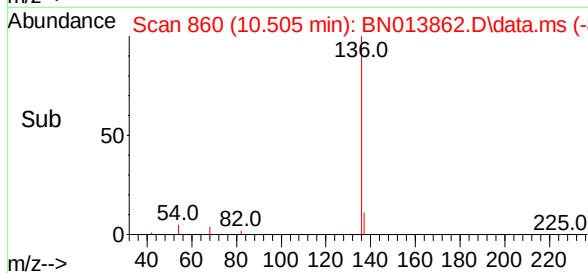
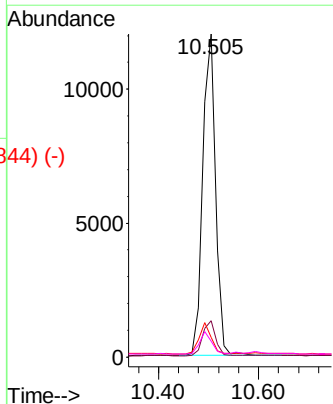
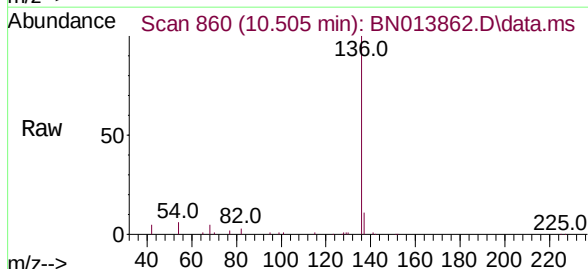
Instrument :
 BNA_N
 ClientSampleId :

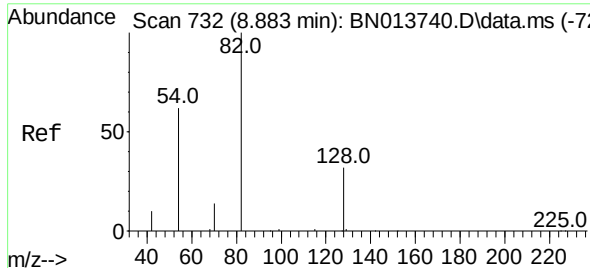
Tgt Ion:	93	Resp:	981
Ion	Ratio	Lower	Upper
93	100		
63	3.0	60.8	91.2#
95	4.3	26.0	39.0#



Scan 862 (10.530 min): BN013740.D\data.ms (-854)#7
 Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.505 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

Tgt Ion:	136	Resp:	21253
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.2	6.4	9.6#
68	4.9	4.5	6.7

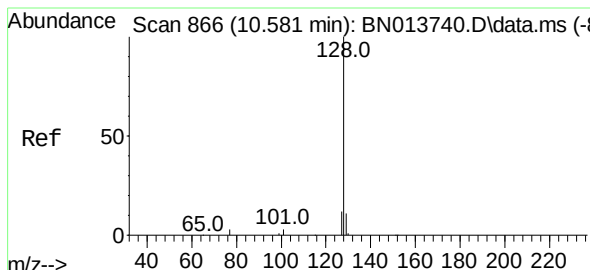
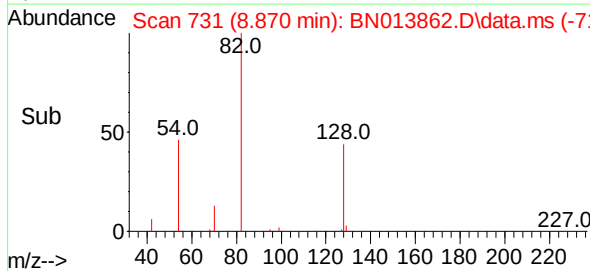
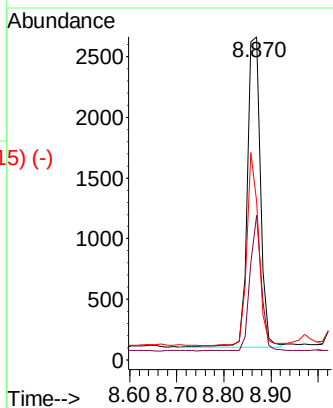
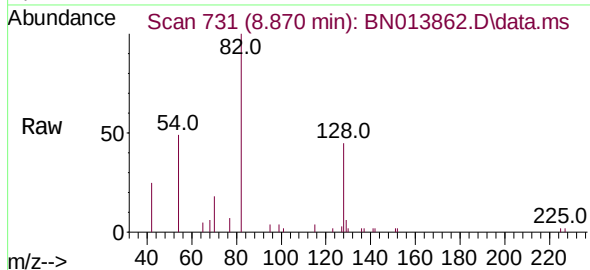




Nitrobenzene-d5
 Concen: 0.36 ng
 RT: 8.870 min Scan# 731
 Delta R.T. 0.000 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

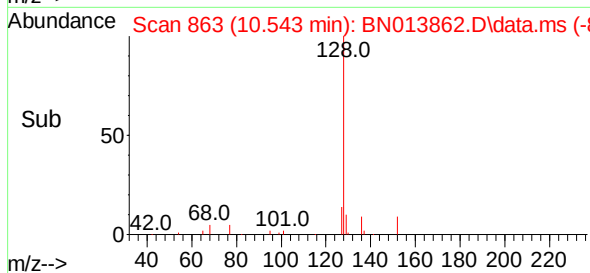
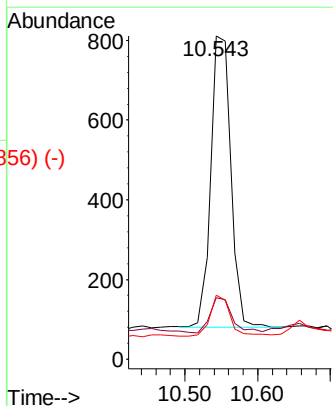
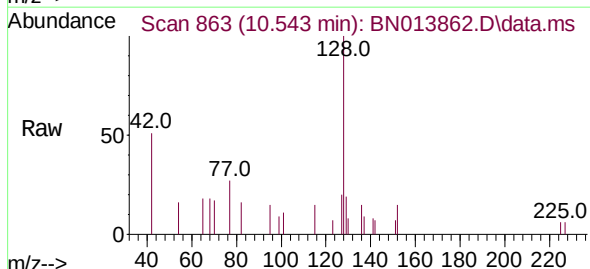
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	82	Resp:	4954
Ion	Ratio	Lower	Upper
82	100		
128	44.8	39.2	58.8
54	49.1	40.1	60.1



Naphthalene
 Concen: 0.03 ng
 RT: 10.543 min Scan# 863
 Delta R.T. -0.012 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

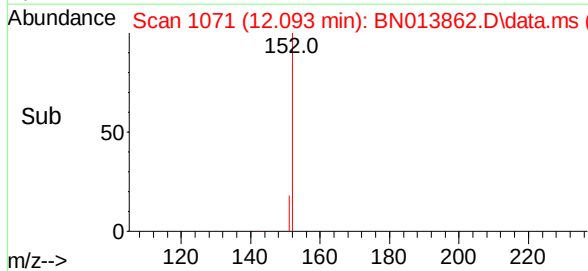
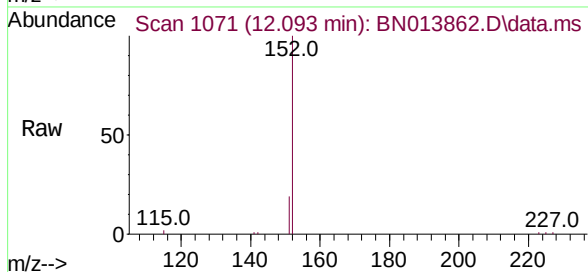
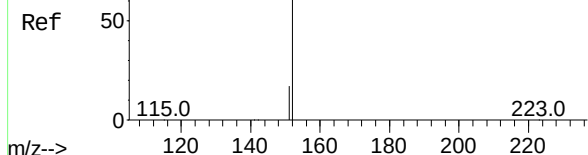
Tgt Ion:	128	Resp:	1405
Ion	Ratio	Lower	Upper
128	100		
129	19.0	9.0	13.4#
127	19.9	10.4	15.6#



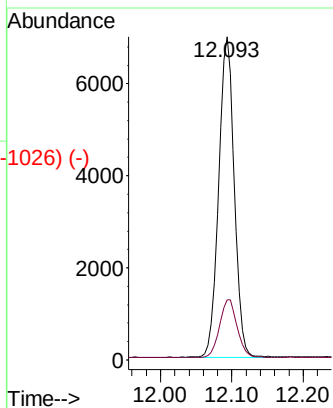
Abundance Scan 1078 (12.124 min): BN013740.D\data.ms (-1017) (-)

2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.093 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Instrument :
BNA_N
ClientSampleId :

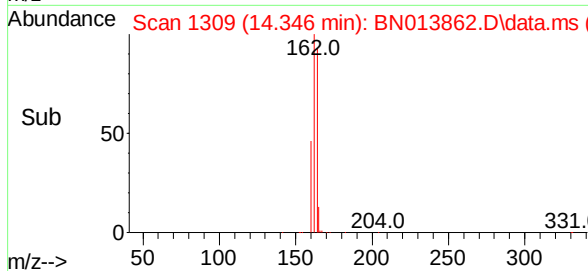
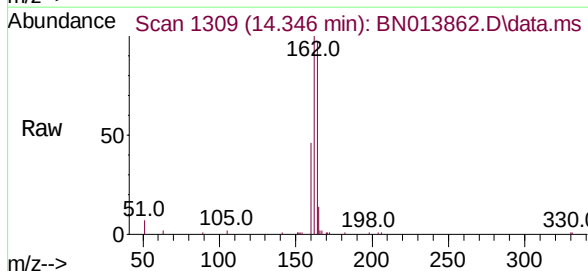
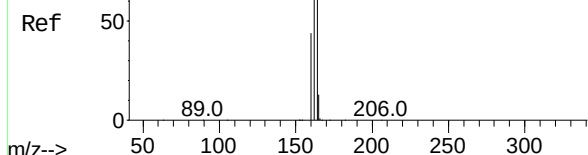


Tgt Ion:152 Resp: 10713
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

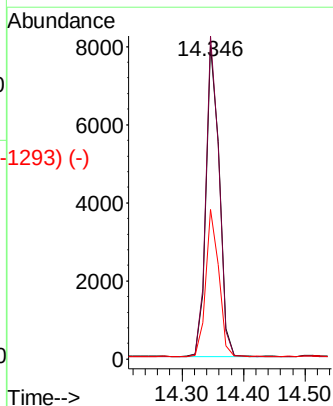


Abundance Scan 1312 (14.384 min): BN013740.D\data.ms (-1313) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39



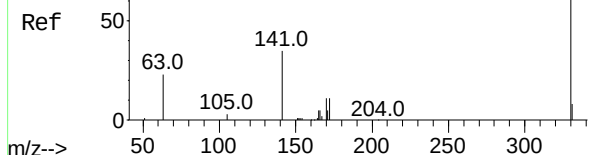
Tgt Ion:164 Resp: 12125
Ion Ratio Lower Upper
164 100
162 102.9 79.6 119.4
160 47.7 36.0 54.0



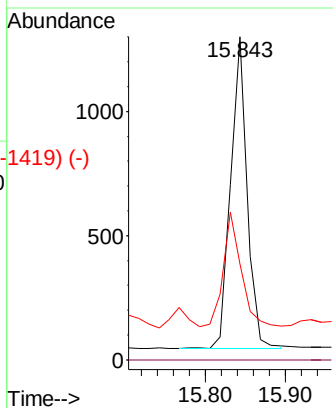
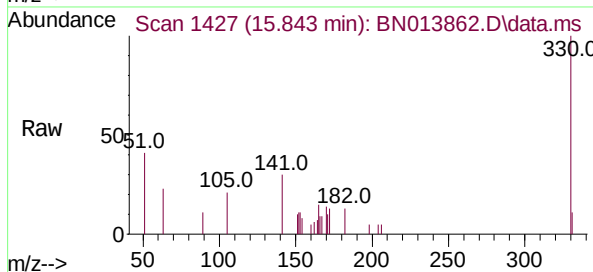
Abundance Scan 1429 (15.869 min): BN013740.D\data.ms (-1419) (-)

2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

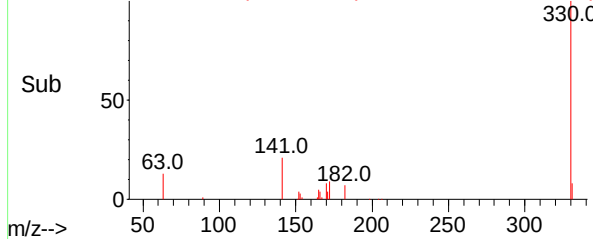
Instrument :
BNA_N
ClientSampled :



Tgt Ion:	330	Resp:	1817
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	40.1	26.8	40.2

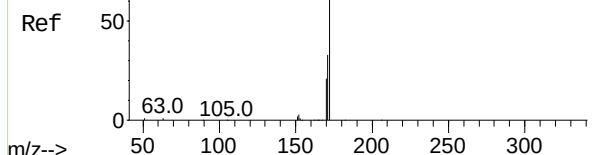


Abundance Scan 1427 (15.843 min): BN013862.D\data.ms (-1419) (-)

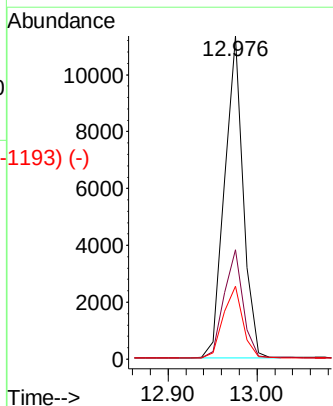
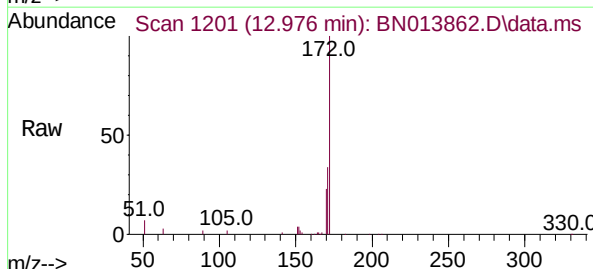


Abundance Scan 1204 (13.014 min): BN013740.D\data.ms (-1193) (-)

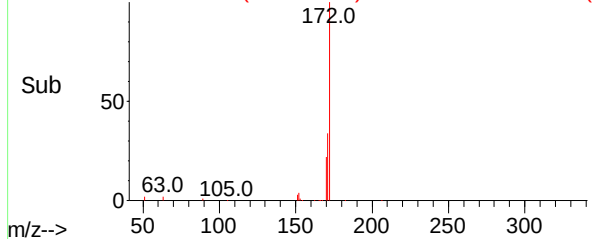
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39



Tgt Ion:	172	Resp:	16392
Ion Ratio	Lower	Upper	
172	100		
171	33.9	28.6	42.8
170	22.6	18.9	28.3



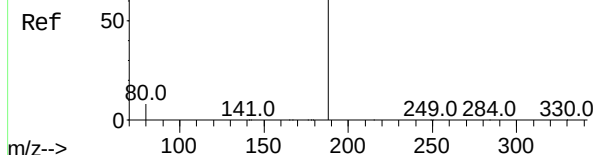
Abundance Scan 1201 (12.976 min): BN013862.D\data.ms (-1193) (-)



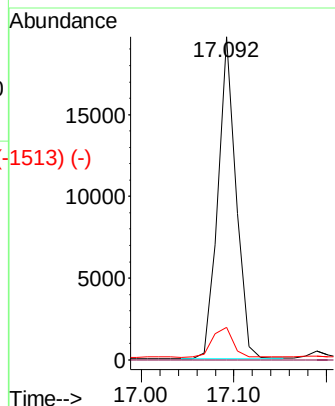
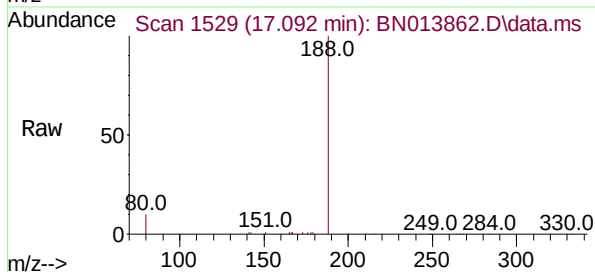
Abundance Scan 1532 (17.128 min): BN013740.D\data.ms (-1526) (-)

Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

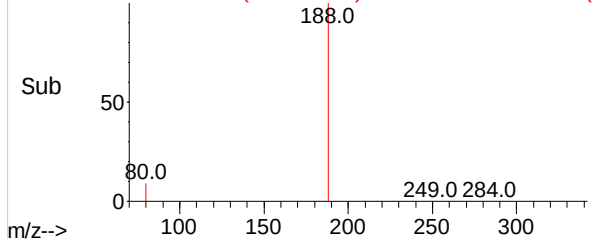
Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	188	Resp:	26881
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.1	9.0	13.6



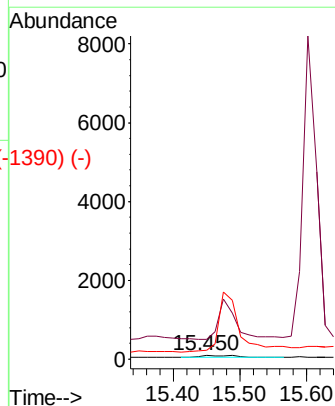
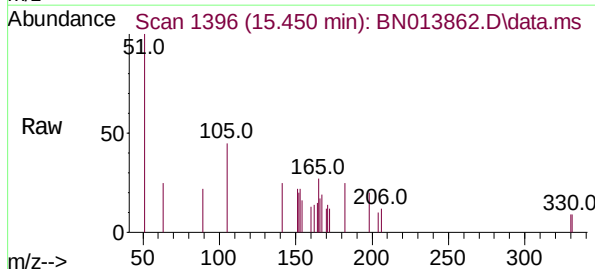
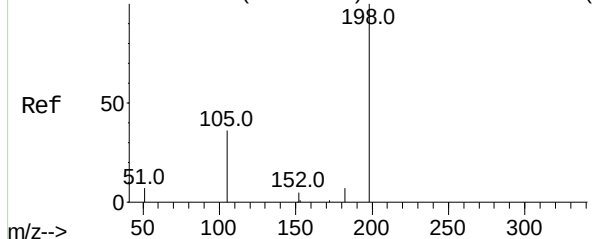
Abundance Scan 1529 (17.092 min): BN013862.D\data.ms (-1513) (-)



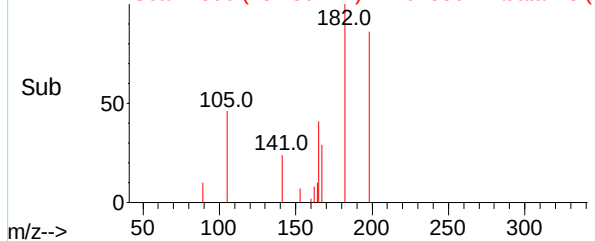
Abundance Scan 1400 (15.501 min): BN013740.D\data.ms (-1326) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.025 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:	198	Resp:	146
Ion Ratio	Lower	Upper	
198	100		
51	508.0	61.7	92.5#
105	227.0	33.0	49.6#



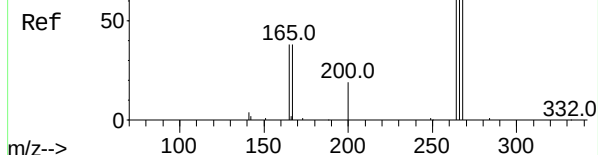
Abundance Scan 1396 (15.450 min): BN013862.D\data.ms (-1390) (-)



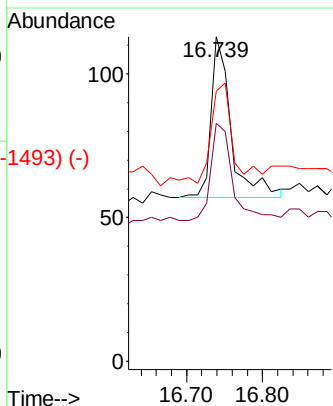
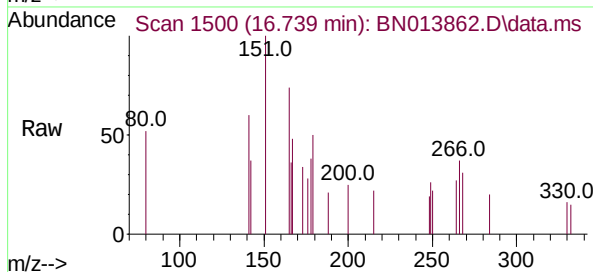
Abundance Scan 1503 (16.776 min): BN013740.D\data.ms (-1524) (-)

Pentachlorophenol
Concen: 0.02 ng
RT: 16.739 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

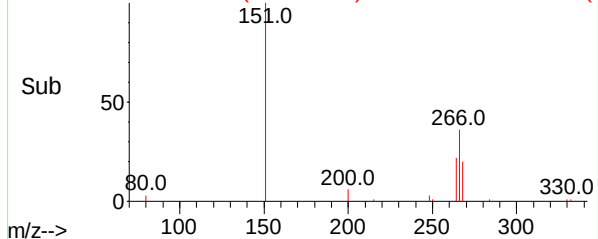
Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	266	Resp:	103
Ion	Ratio	Lower	Upper
266	100		
264	65.0	51.6	77.4
268	56.3	54.6	82.0



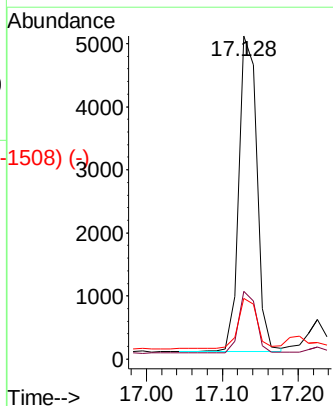
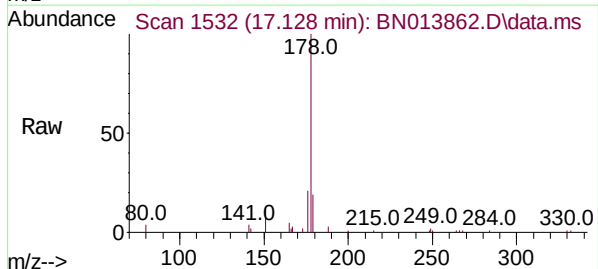
Abundance Scan 1500 (16.739 min): BN013862.D\data.ms (-1493) (-)



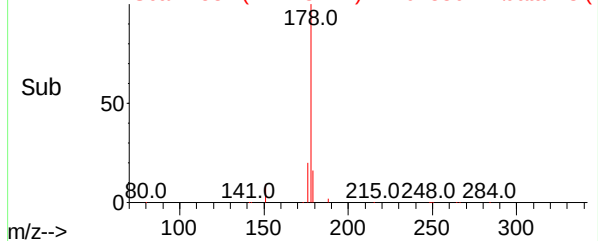
Abundance Scan 1535 (17.165 min): BN013740.D\data.ms (-1525) (-)

Phenanthrene
Concen: 0.12 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

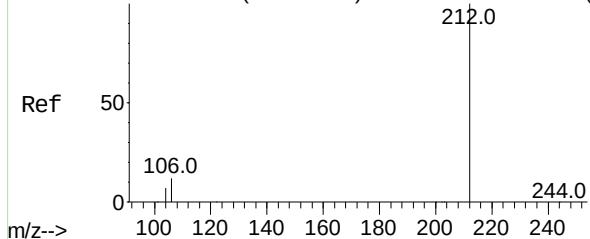
Tgt Ion:	178	Resp:	8247
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	16.6	12.3	18.5



Abundance Scan 1532 (17.128 min): BN013862.D\data.ms (-1508) (-)



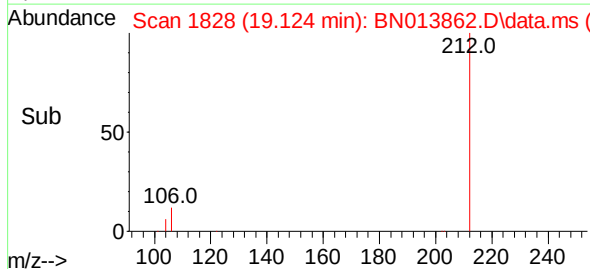
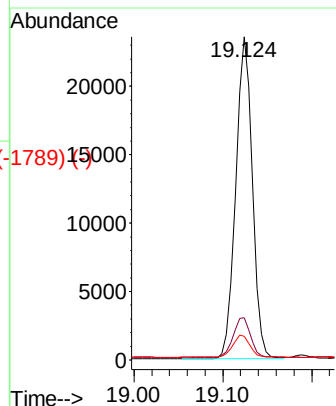
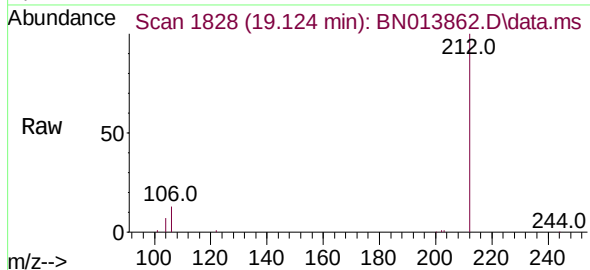
Abundance Scan 1835 (19.159 min): BN013740.D\data.ms (-1825) (-)



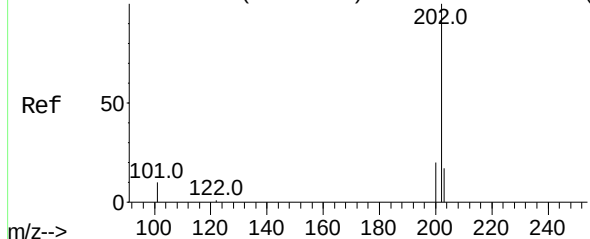
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.124 min Scan# 1828
Delta R.T. -0.005 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:	212	Resp:	30457
Ion Ratio	Lower	Upper	
212	100		
106	12.8	9.7	14.5
104	7.3	5.5	8.3

Instrument :
BNA_N
ClientSampleId :

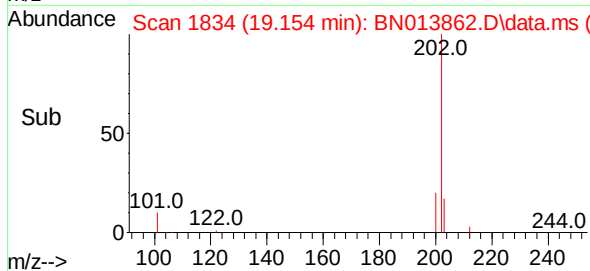
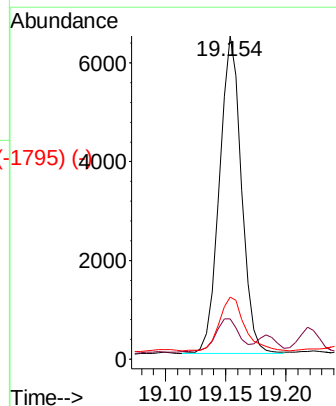
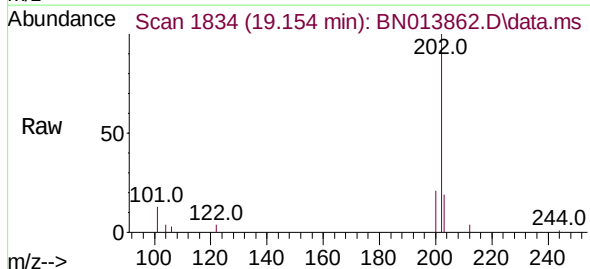


Abundance Scan 1841 (19.188 min): BN013740.D\data.ms (-1823) (-)



Fluoranthene
Concen: 0.10 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

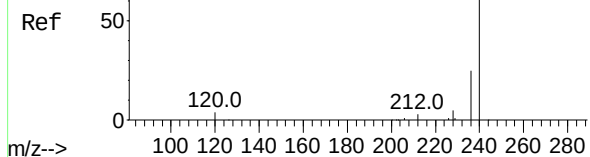
Tgt Ion:	202	Resp:	8217
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.1	12.1
203	19.4	13.9	20.9



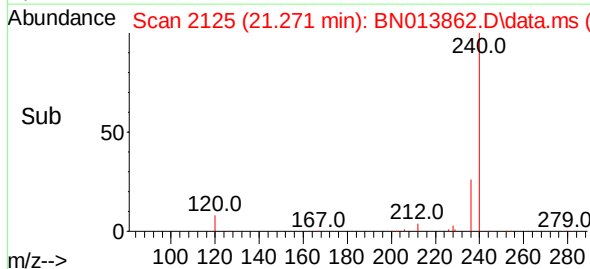
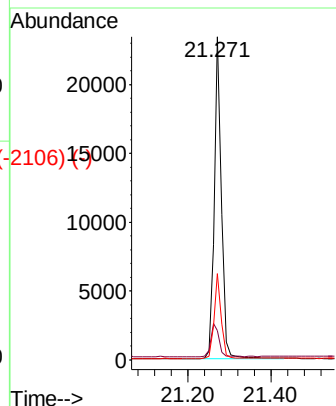
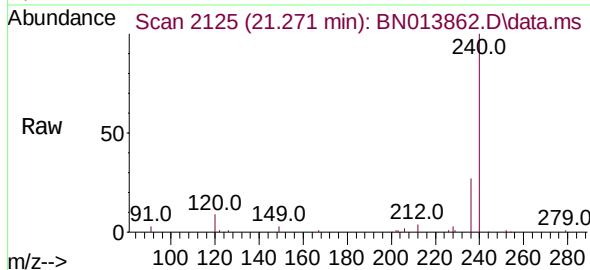
Abundance Scan 2129 (21.314 min): BN013740.D\data.ms (-2129) (-)

Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Instrument :
BNA_N
ClientSampleId :

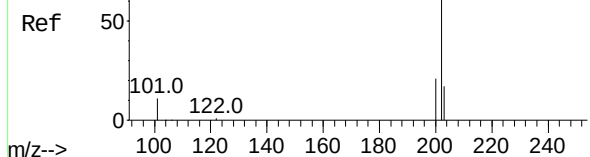


Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	10.2	15.4#
236	26.6	21.3	31.9

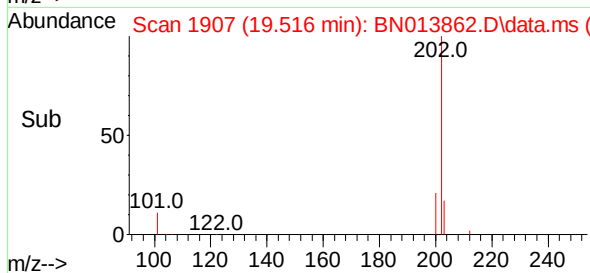
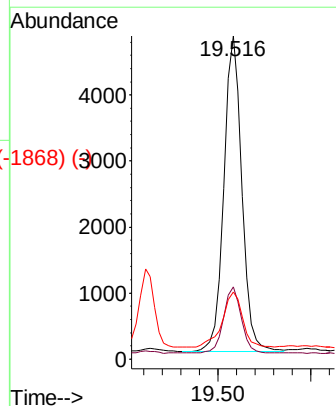
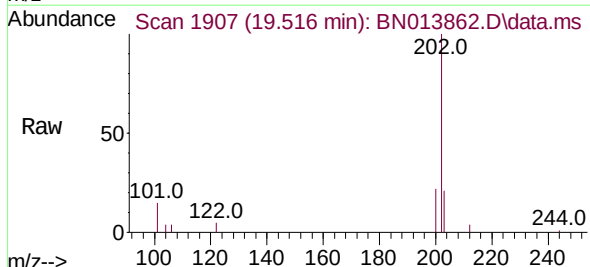


Abundance Scan 1914 (19.551 min): BN013740.D\data.ms (-1914) (-)

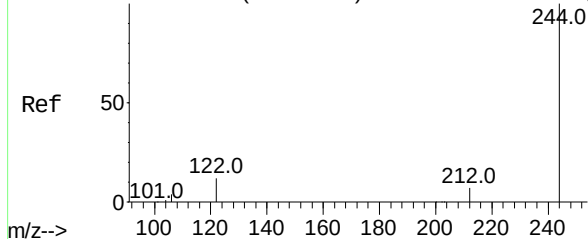
Pyrene
Concen: 0.07 ng
RT: 19.516 min Scan# 1907
Delta R.T. -0.005 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39



Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	20.1	14.0	21.0



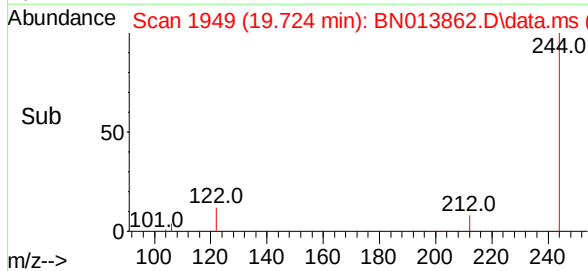
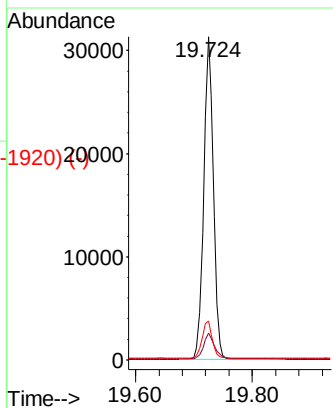
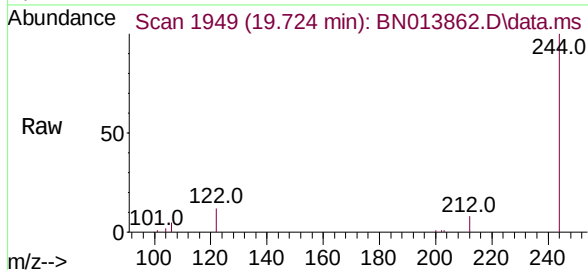
Abundance Scan 1957 (19.764 min): BN013740.D\data.ms (-1949) (-)



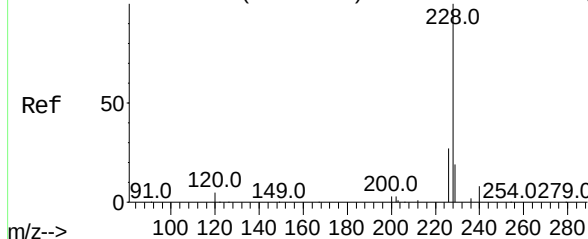
Terphenyl-d14
Concen: 0.56 ng
RT: 19.724 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Instrument :
BNA_N
ClientSampled :

Tgt Ion:	244	Resp:	35812
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.1	9.1
122	12.1	9.8	14.8

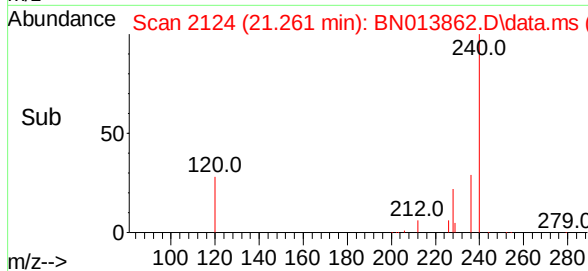
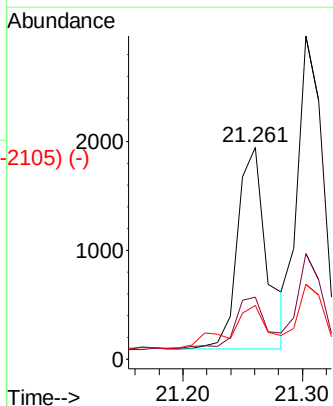
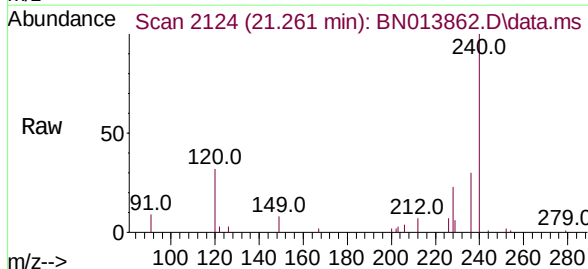


Abundance Scan 2127 (21.293 min): BN013740.D\data.ms (-2120) (-)

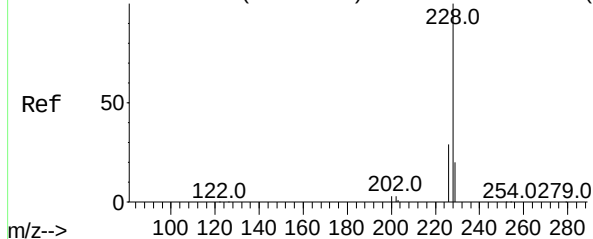


Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:	228	Resp:	3151
Ion Ratio	Lower	Upper	
228	100		
226	29.1	20.5	30.7
229	25.3	16.2	24.4#



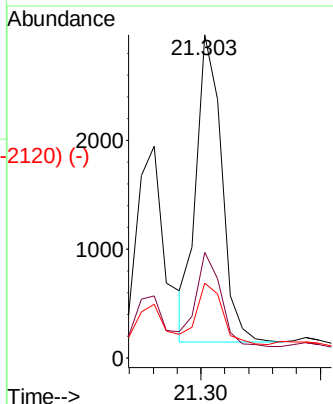
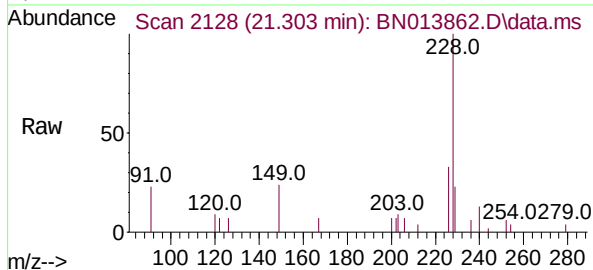
Abundance Scan 2132 (21.346 min): BN013740.D\data.ms (-2129) (-)



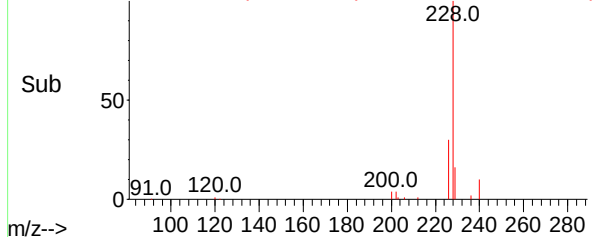
Chrysene
Concen: 0.05 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.010 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Instrument :
BNA_N
ClientSampled :

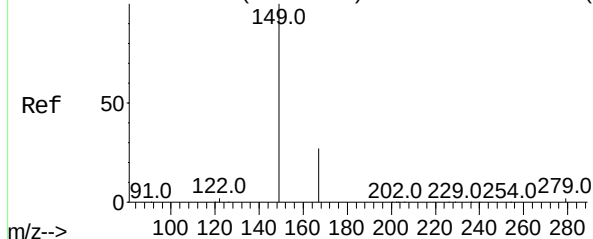
Tgt Ion:	228	Resp:	4147
Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.3	36.5
229	23.2	15.1	22.7#



Abundance Scan 2128 (21.303 min): BN013862.D\data.ms (-2120) (-)

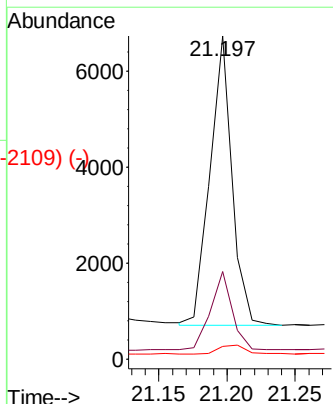
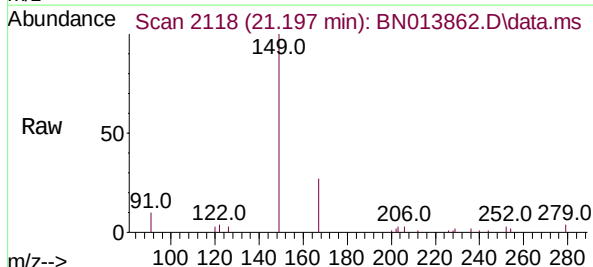


Abundance Scan 2123 (21.250 min): BN013740.D\data.ms (-2129) (-)

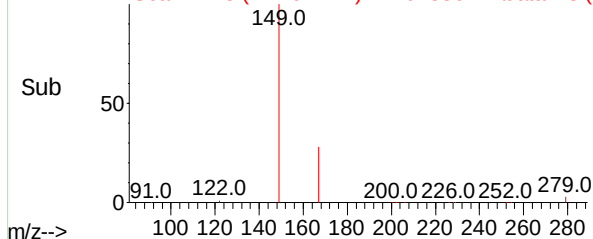


Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.197 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:	149	Resp:	6775
Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.1	33.1
279	4.0	3.5	5.3



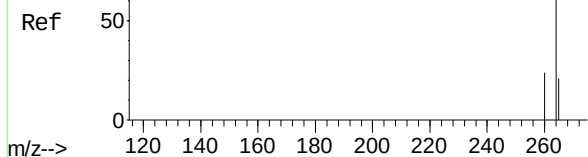
Abundance Scan 2118 (21.197 min): BN013862.D\data.ms (-2109) (-)



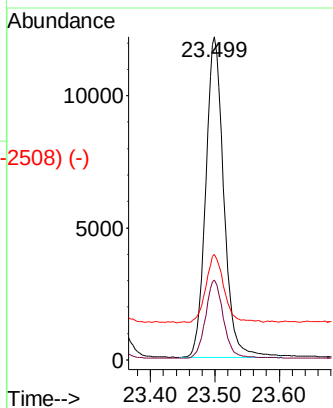
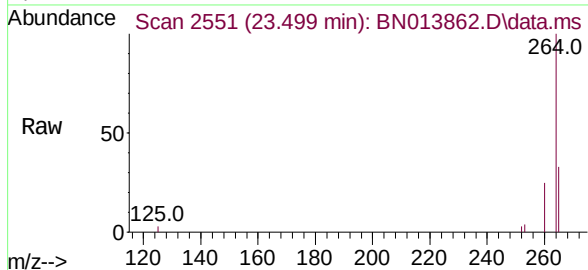
Abundance Scan 2568 (23.558 min): BN013740.D\data.ms (-2538) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.499 min Scan# 2551
Delta R.T. -0.003 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

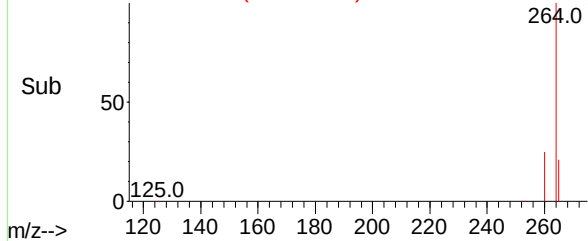
Instrument :
BNA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	32.7	66.2	99.4#



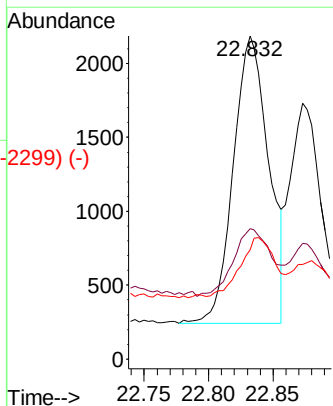
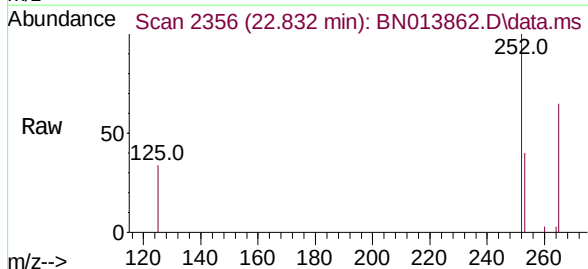
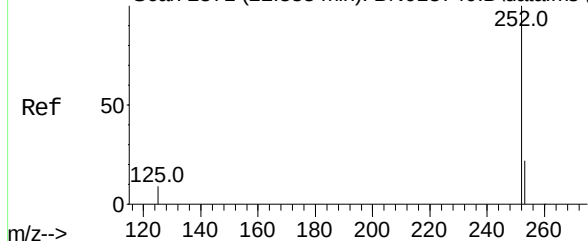
Abundance Scan 2551 (23.499 min): BN013862.D\data.ms (-2508) (-)



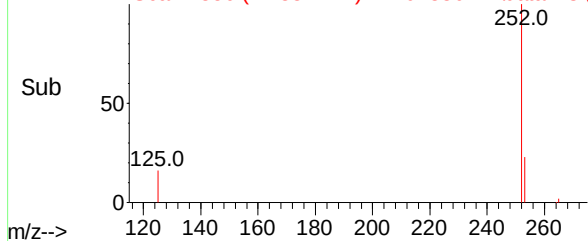
Abundance Scan 2371 (22.883 min): BN013740.D\data.ms (-2337) (-)

Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.832 min Scan# 2356
Delta R.T. -0.003 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

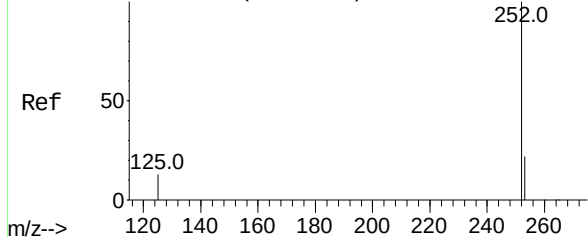
Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.3	20.4	30.6#
125	33.8	11.6	17.4#



Abundance Scan 2356 (22.832 min): BN013862.D\data.ms (-2299) (-)



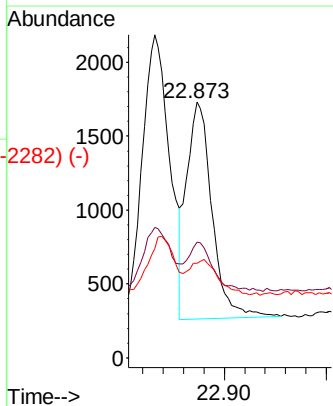
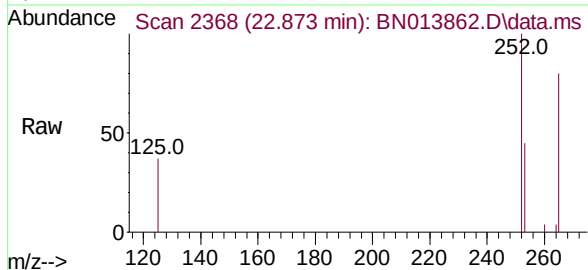
Abundance Scan 2384 (22.928 min): BN013740.D\data.ms (-2384) (-)



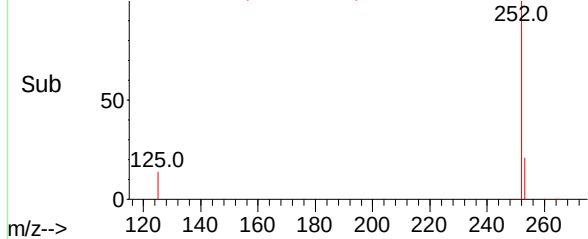
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.873 min Scan# 2368
Delta R.T. -0.007 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Instrument :
BNA_N
ClientSampleId :

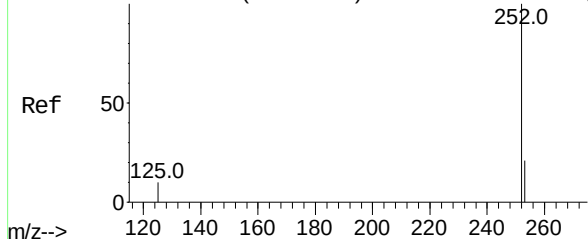
Tgt Ion:	252	Resp:	2532
Ion Ratio	Lower	Upper	
252	100		
253	45.2	20.5	30.7#
125	37.0	12.3	18.5#



Abundance Scan 2368 (22.873 min): BN013862.D\data.ms (-2282) (-)

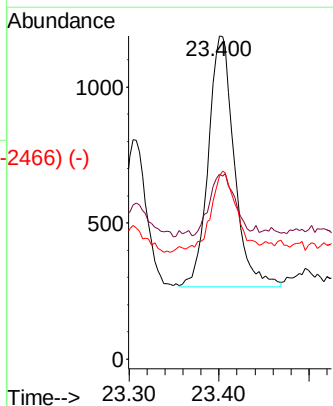
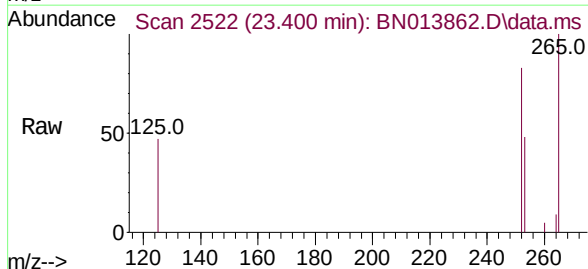


Abundance Scan 2539 (23.458 min): BN013740.D\data.ms (-2539) (-)

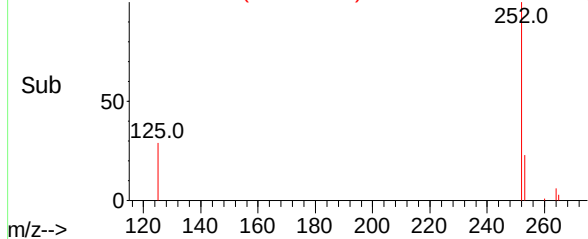


Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.400 min Scan# 2522
Delta R.T. -0.007 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

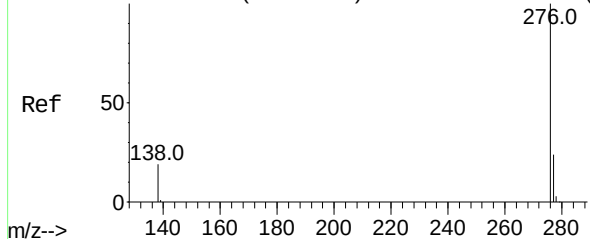
Tgt Ion:	252	Resp:	1858
Ion Ratio	Lower	Upper	
252	100		
253	57.3	21.8	32.6#
125	56.7	14.6	21.8#



Abundance Scan 2522 (23.400 min): BN013862.D\data.ms (-2466) (-)



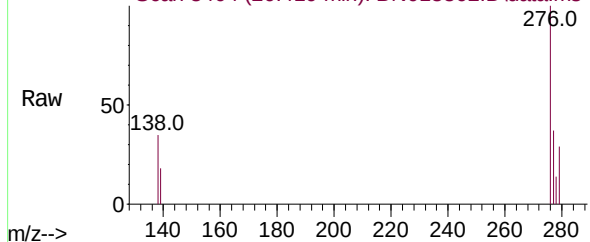
Abundance Scan 3434 (26.522 min): BN013740.D\data.ms (-3434)



Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.419 min Scan# 3404
Delta R.T. -0.007 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Instrument :
BNA_N
ClientSampleId :

Abundance Scan 3404 (26.419 min): BN013862.D\data.ms



Tgt Ion:	276	Resp:	1641
Ion	Ratio	Lower	Upper
276	100		
277	37.3	20.0	30.0#
138	35.3	17.8	26.8#

Abundance Scan 3404 (26.419 min): BN013862.D\data.ms (-3348) (-)

