

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012021\
 Data File : BM028470.D
 Acq On : 20 Jan 2021 16:30
 Operator : CG/JU
 Sample : M1125-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1693-94

Quant Time: Jan 20 17:01:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 14:45:01 2021
 Response via : Initial Calibration

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

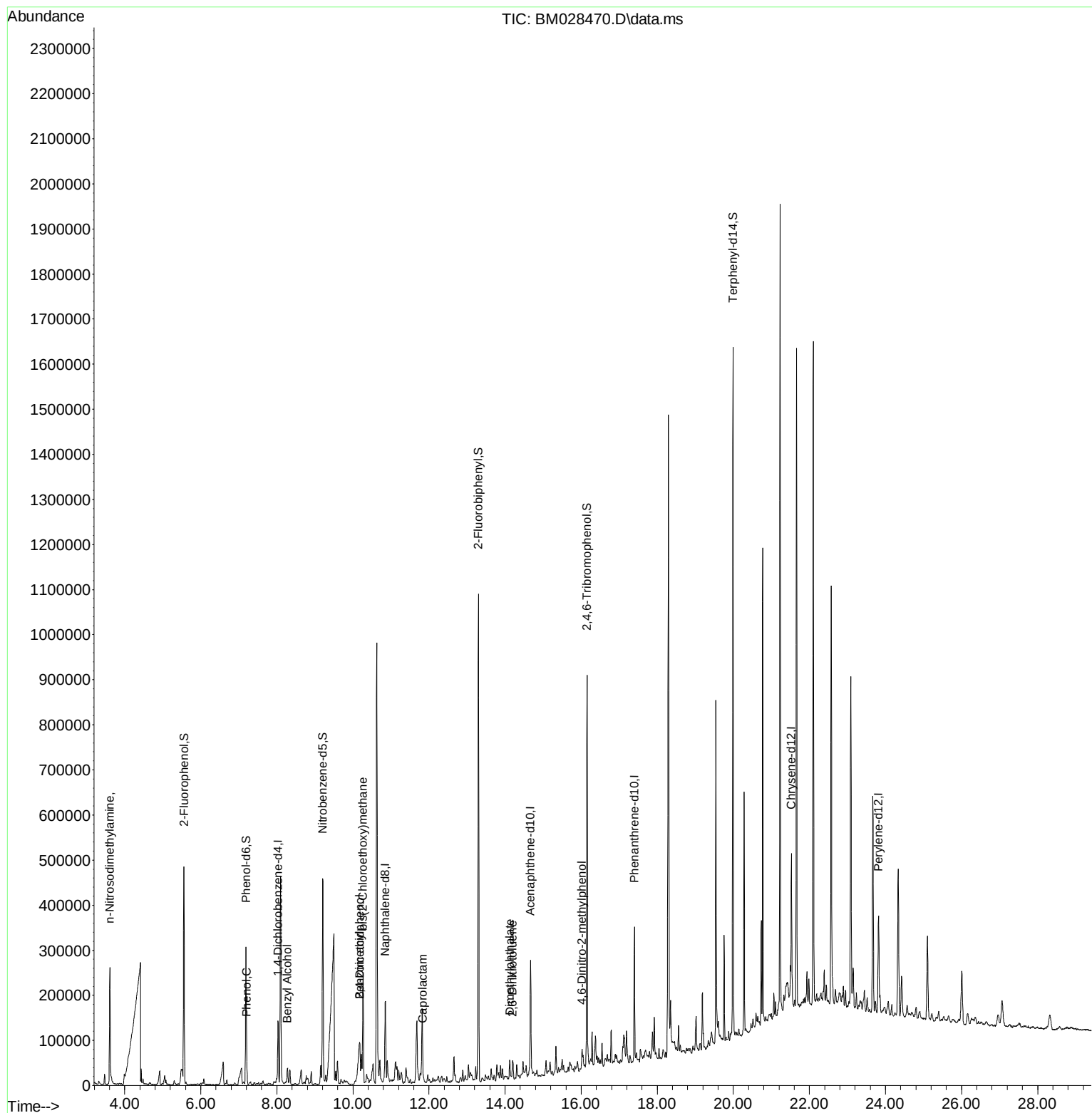
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	37317	20.00	ng	0.00
21) Naphthalene-d8	10.851	136	145745	20.00	ng	# 0.00
39) Acenaphthene-d10	14.669	164	79508	20.00	ng	0.00
64) Phenanthrene-d10	17.398	188	152812	20.00	ng	# 0.00
76) Chrysene-d12	21.527	240	140504	20.00	ng	# 0.00
86) Perylene-d12	23.815	264	139134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	193772	82.03	ng	0.00
7) Phenol-d6	7.187	99	154702	48.10	ng	0.00
23) Nitrobenzene-d5	9.204	82	247552	80.56	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	132842	126.10	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	514115	81.13	ng	0.00
79) Terphenyl-d14	19.992	244	587870	75.55	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.610	42	11601	7.69	ng	# 1
10) Phenol	7.210	94	15353	5.06	ng	93
15) Benzyl Alcohol	8.275	79	12867	5.74	ng	86
27) 2,4-Dimethylphenol	10.181	122	45002	23.05	ng	# 1
28) bis(2-Chloroethoxy)met...	10.263	93	8267	2.49	ng	# 1
32) Benzoic acid	10.181	122	45002	25.62	ng	# 88
35) Caprolactam	11.839	113	2060	2.73	ng	# 1
50) Dimethylphthalate	14.121	163	23333	3.57	ng	98
51) 2,6-Dinitrotoluene	14.192	165	4207	3.03	ng	# 25
65) 4,6-Dinitro-2-methylph...	16.021	198	2246	2.37	ng	# 65

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

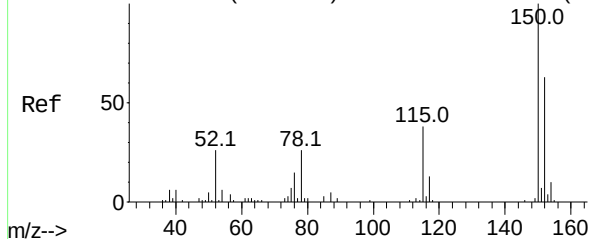
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012021\
Data File : BM028470.D
Acq On : 20 Jan 2021 16:30
Operator : CG/JU
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Response via : Initial Calibration

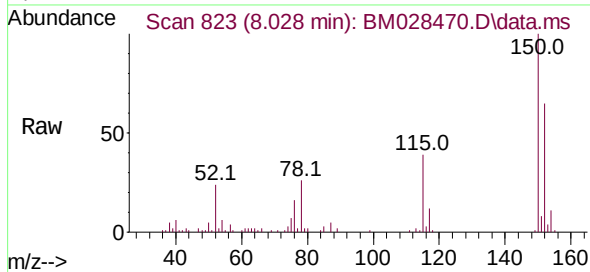


Abundance Scan 824 (8.034 min): BM028463.D\data.ms (-817) (#1)

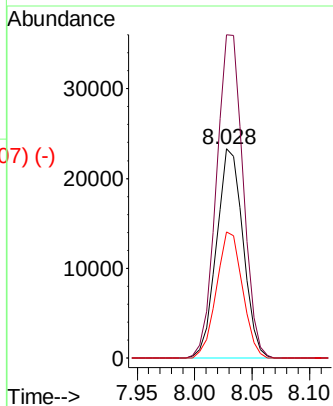
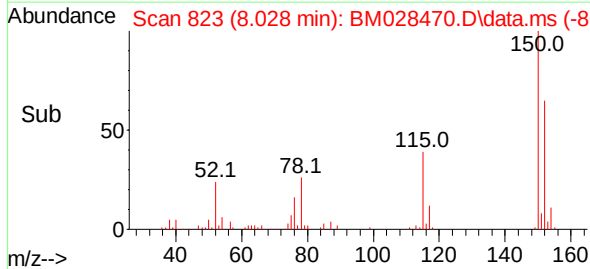


1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.028 min Scan# 823
Delta R.T. -0.006 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

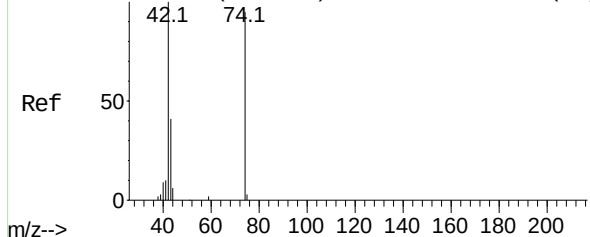
Instrument :
BNA_M
ClientSampleId :
1693-94



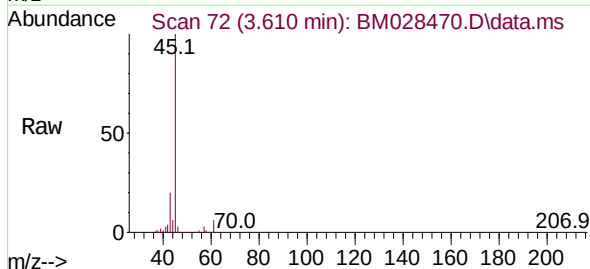
Tgt Ion:	152	Resp:	37317
Ion	Ratio	Lower	Upper
152	100		
150	154.4	120.6	181.0
115	60.3	47.2	70.8



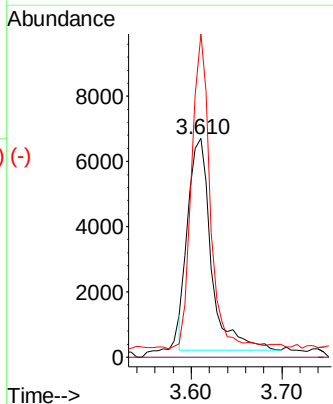
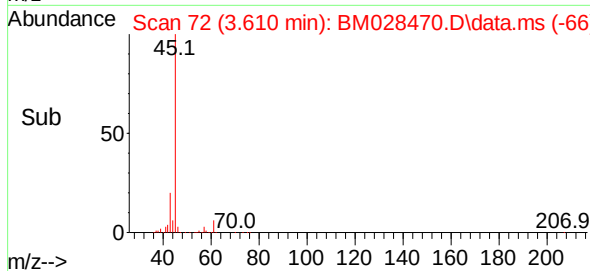
Abundance Scan 83 (3.675 min): BM028463.D\data.ms (-78) (#4)

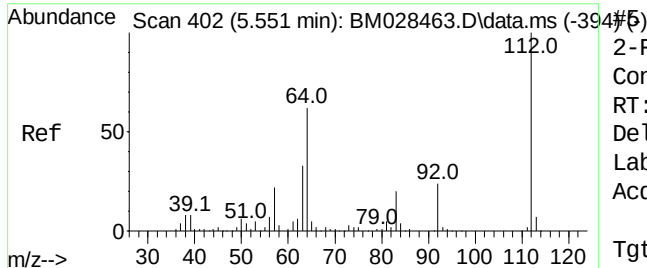


n-Nitrosodimethylamine
Concen: 7.69 ng
RT: 3.610 min Scan# 72
Delta R.T. -0.065 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30



Tgt Ion:	42	Resp:	11601
Ion	Ratio	Lower	Upper
42	100		
74	0.0	127.8	191.6#
44	147.9	4.1	6.1#

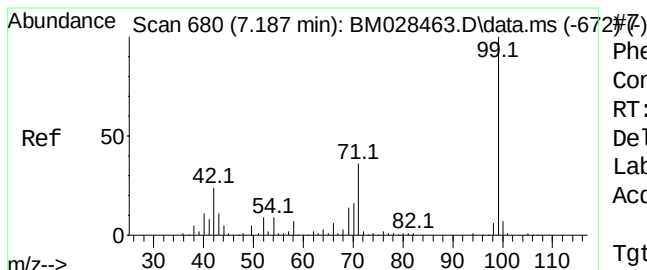
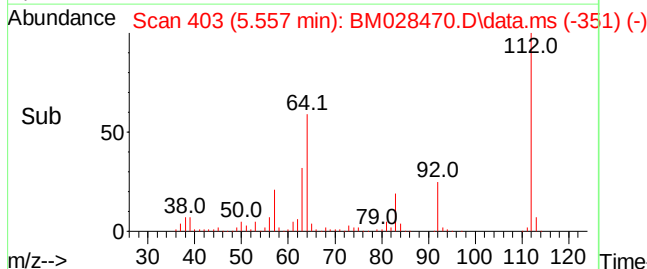
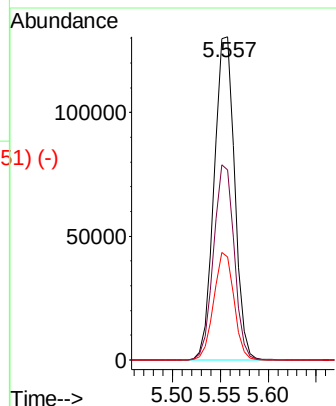
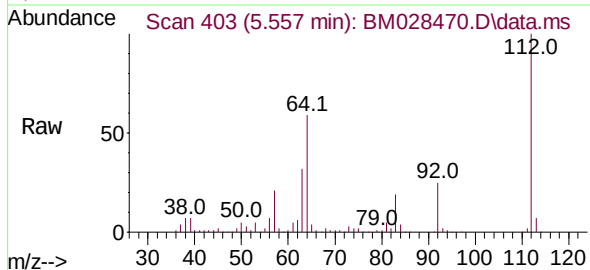




2-Fluorophenol
 Concen: 82.03 ng
 RT: 5.557 min Scan# 403
 Delta R.T. 0.006 min
 Lab File: BM028470.D
 Acq: 20 Jan 2021 16:30

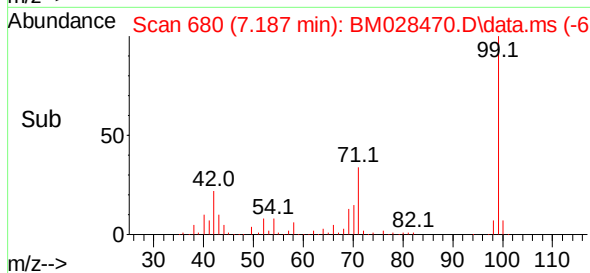
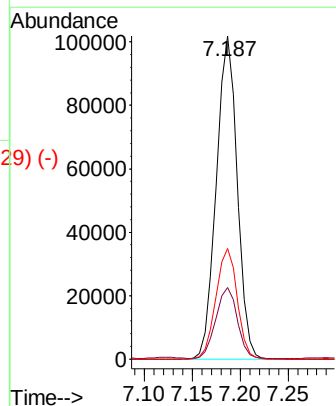
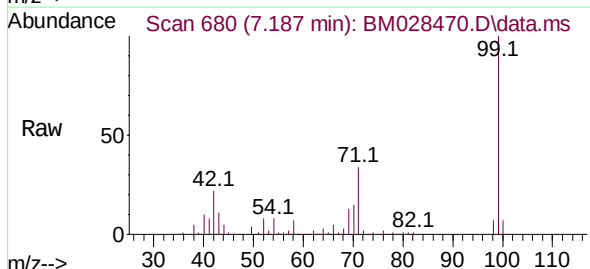
Instrument :
 BNA_M
 ClientSampled :
 1693-94

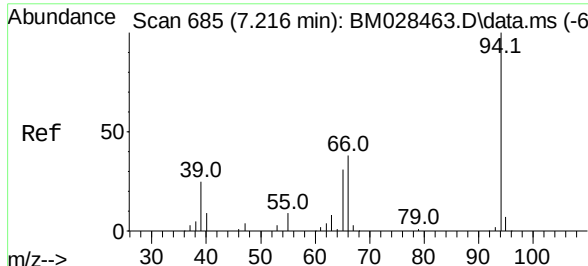
Tgt Ion:	112	Resp:	193772
Ion	Ratio	Lower	Upper
112	100		
64	58.8	50.6	76.0
63	31.8	31.0	46.6



Phenol-d6
 Concen: 48.10 ng
 RT: 7.187 min Scan# 680
 Delta R.T. 0.000 min
 Lab File: BM028470.D
 Acq: 20 Jan 2021 16:30

Tgt Ion:	99	Resp:	154702
Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	34.2	39.4	59.0#

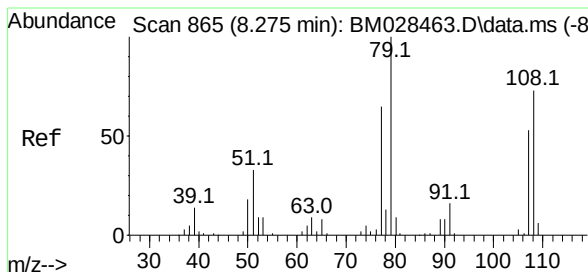
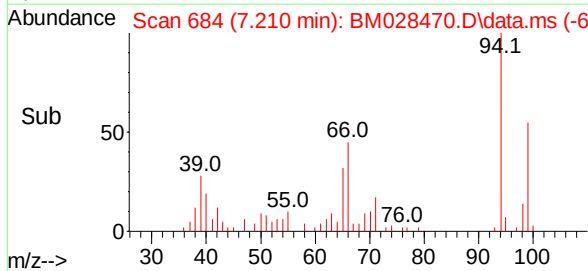
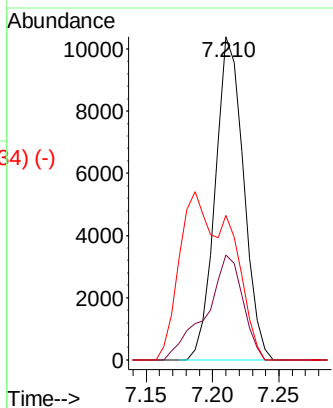
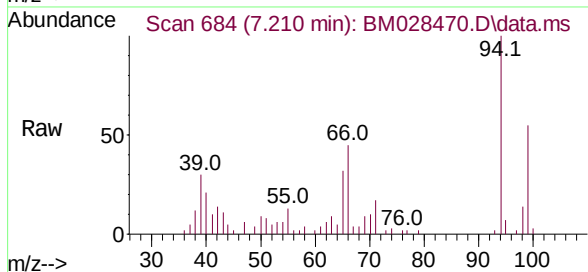




#10
Phenol
Concen: 5.06 ng
RT: 7.210 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

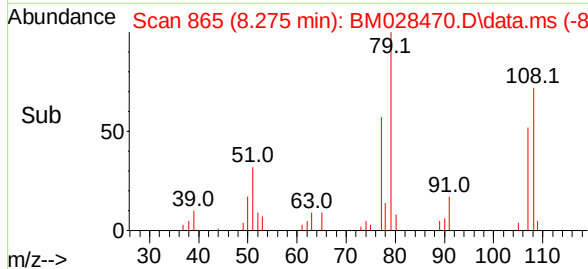
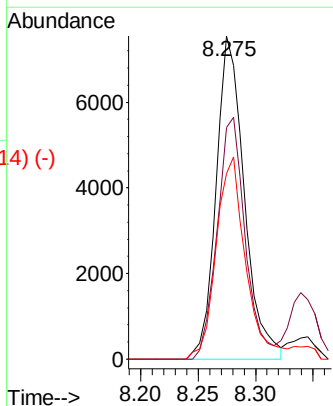
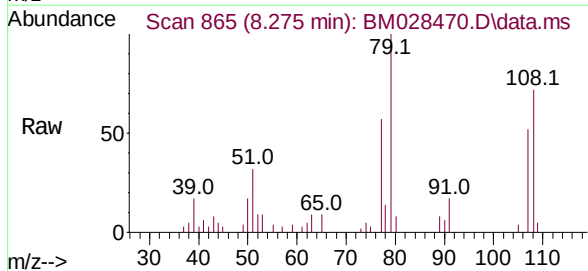
Instrument :
BNA_M
ClientSampled :
1693-94

Tgt Ion:	94	Resp:	15353
Ion	Ratio	Lower	Upper
94	100		
65	32.4	16.4	56.4
66	44.8	30.2	70.2



#15
Benzyl Alcohol
Concen: 5.74 ng
RT: 8.275 min Scan# 865
Delta R.T. 0.000 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

Tgt Ion:	79	Resp:	12867
Ion	Ratio	Lower	Upper
79	100		
108	71.7	49.0	73.4
77	57.3	55.2	82.8



Abundance Scan 1303 (10.851 min): BM028463.D\data.ms (-1252) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 10.851 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BM028470.D

Acq: 20 Jan 2021 16:30

Tgt Ion:136 Resp: 145745

Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 9.0 4.6 7.0#

68 5.7 4.1 6.1

Abundance Scan 1303 (10.851 min): BM028470.D\data.ms

Ref 50

38.0 54.1 76.1 108.1 136.1

m/z-->

Abundance Scan 1303 (10.851 min): BM028470.D\data.ms

Raw 50

39.0 54.1 78.1 93.0 108.1 136.1

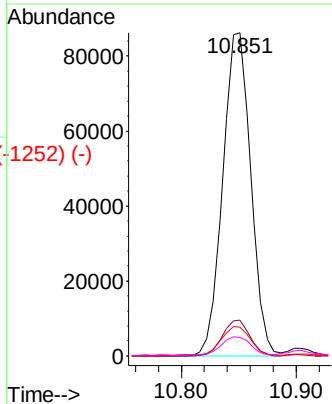
m/z-->

Abundance Scan 1303 (10.851 min): BM028470.D\data.ms (-1252) (-)

Sub 50

38.0 54.1 76.0 92.0 108.1 136.1

m/z-->



Abundance Scan 1024 (9.210 min): BM028463.D\data.ms (-1252) (-)

Nitrobenzene-d5

Concen: 80.56 ng

RT: 9.204 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BM028470.D

Acq: 20 Jan 2021 16:30

Tgt Ion: 82 Resp: 247552

Ion Ratio Lower Upper

82 100

128 42.4 27.4 41.0#

54 57.3 31.4 47.0#

Abundance Scan 1023 (9.204 min): BM028470.D\data.ms

Ref 50

40.1 54.1 68.1 82.1 98.1 112.1 128.1

m/z-->

Abundance Scan 1023 (9.204 min): BM028470.D\data.ms

Raw 50

40.1 54.1 68.0 82.1 98.1 112.0 128.1

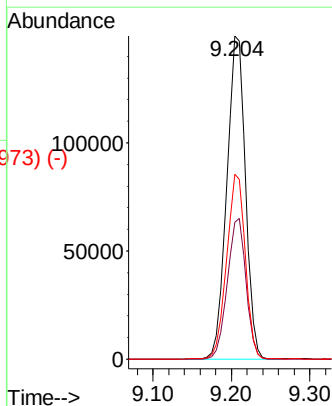
m/z-->

Abundance Scan 1023 (9.204 min): BM028470.D\data.ms (-973) (-)

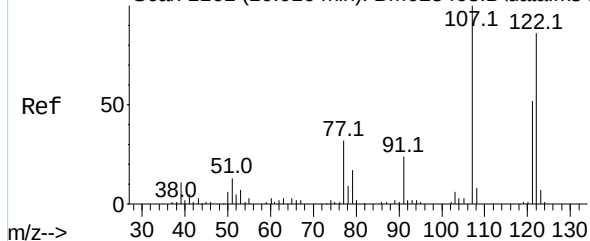
Sub 50

40.0 54.1 68.0 82.0 98.1 112.0 128.1

m/z-->



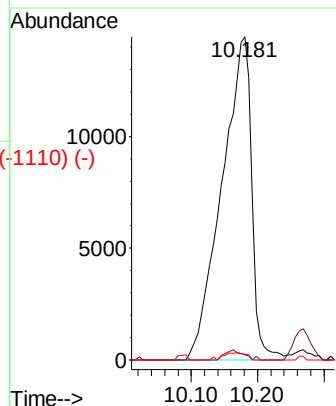
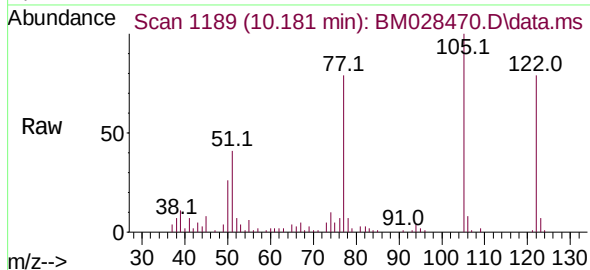
Abundance Scan 1161 (10.016 min): BM028463.D\data.ms (-1125) (-)



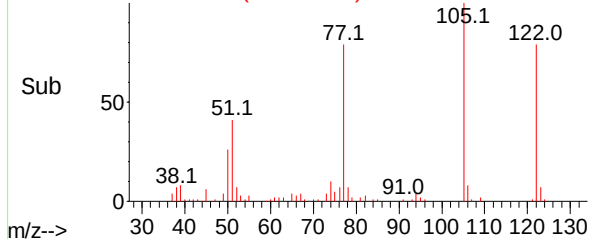
2,4-Dimethylphenol
Concen: 23.05 ng
RT: 10.181 min Scan# 1189
Delta R.T. 0.165 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

Instrument :
BNA_M
ClientSampled :
1693-94

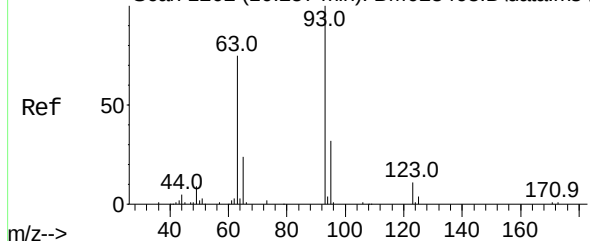
Tgt Ion:122 Resp: 45002
Ion Ratio Lower Upper
122 100
107 1.8 106.6 159.8#
121 1.6 48.8 73.2#



Abundance Scan 1189 (10.181 min): BM028470.D\data.ms (-1110) (-)

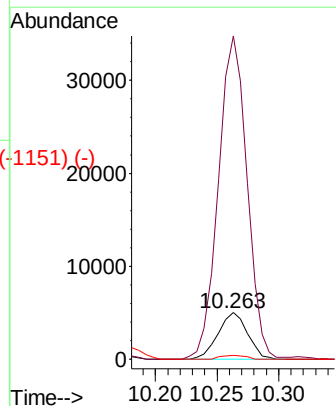
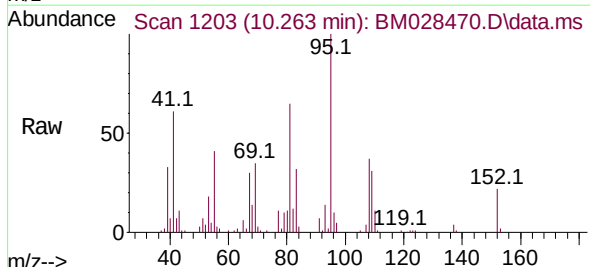


Abundance Scan 1202 (10.257 min): BM028463.D\data.ms (-1125) (-)

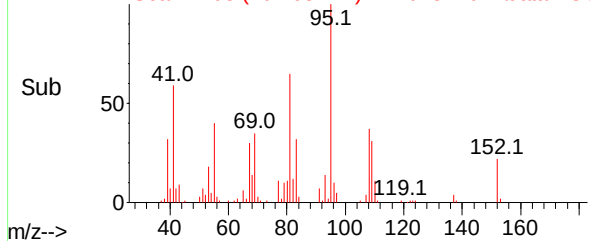


bis(2-Chloroethoxy)methane
Concen: 2.49 ng
RT: 10.263 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

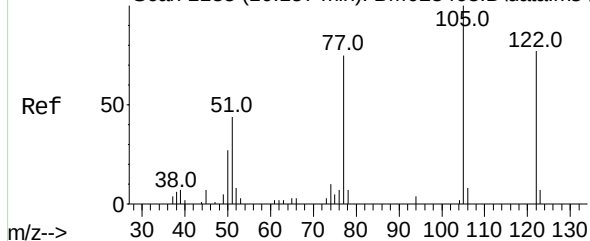
Tgt Ion: 93 Resp: 8267
Ion Ratio Lower Upper
93 100
95 693.3 26.5 39.7#
123 8.2 8.6 12.8#



Abundance Scan 1203 (10.263 min): BM028470.D\data.ms (-1151) (-)



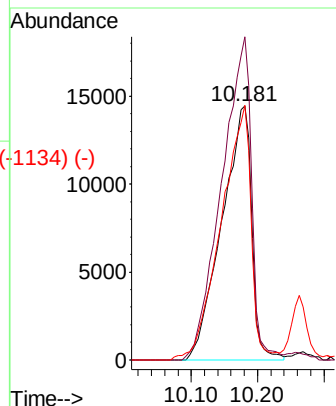
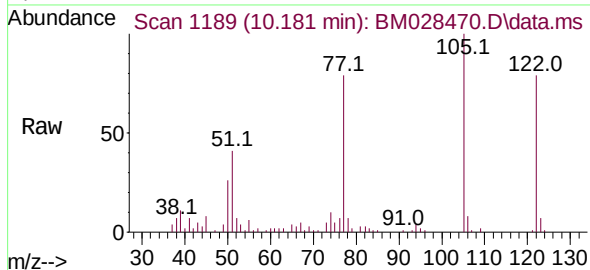
Abundance Scan 1185 (10.157 min): BM028463.D\data.ms (-1185) (-)



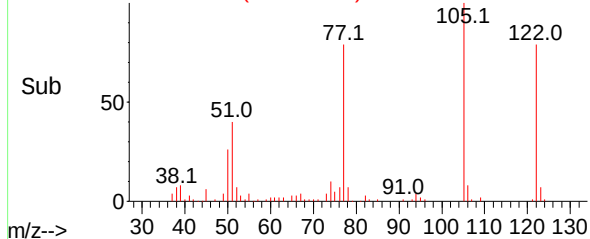
Benzoic acid
Concen: 25.62 ng
RT: 10.181 min Scan# 1189
Delta R.T. 0.024 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

Instrument :
BNA_M
ClientSampled :
1693-94

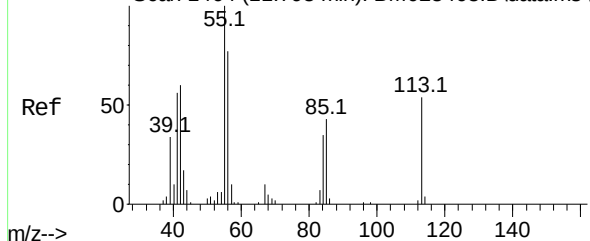
Tgt Ion:122 Resp: 45002
Ion Ratio Lower Upper
122 100
105 127.1 114.0 154.0
77 100.2 101.8 141.8#



Abundance Scan 1189 (10.181 min): BM028470.D\data.ms (-1134) (-)

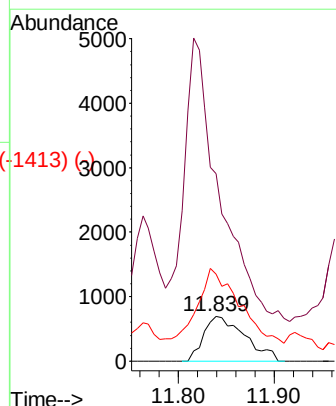
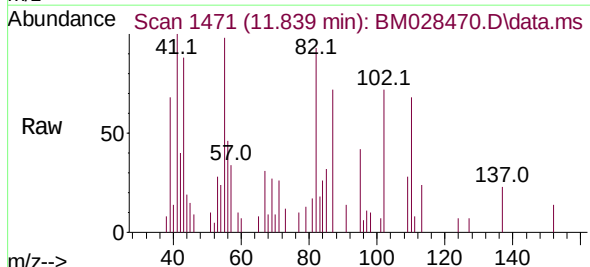


Abundance Scan 1464 (11.798 min): BM028463.D\data.ms (-1435) (-)

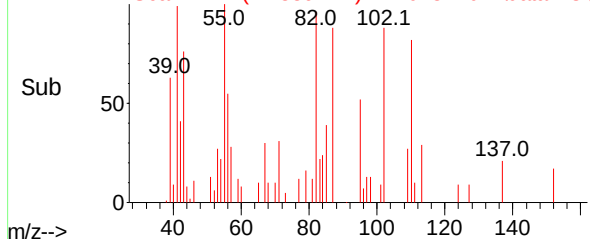


Caprolactam
Concen: 2.73 ng
RT: 11.839 min Scan# 1471
Delta R.T. 0.041 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

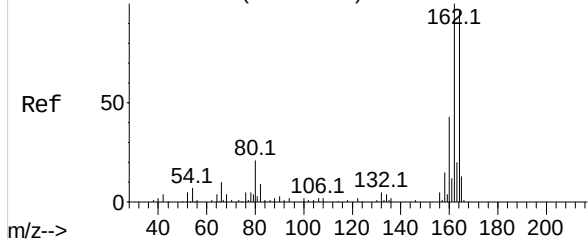
Tgt Ion:113 Resp: 2060
Ion Ratio Lower Upper
113 100
55 415.6 103.2 143.2#
56 192.8 84.2 124.2#



Abundance Scan 1471 (11.839 min): BM028470.D\data.ms (-1413) (-)



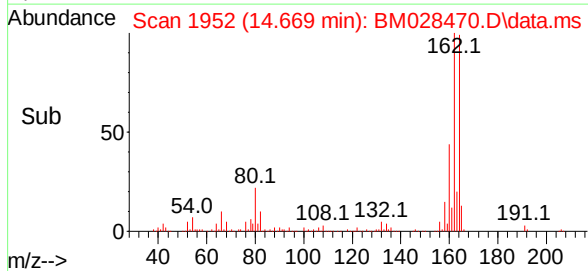
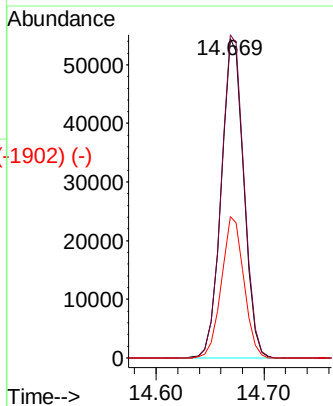
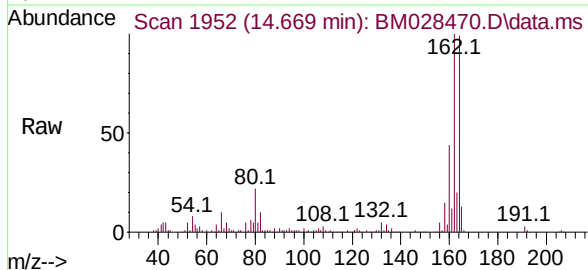
Abundance Scan 1953 (14.674 min): BM028463.D\data.ms (-1539) (-)



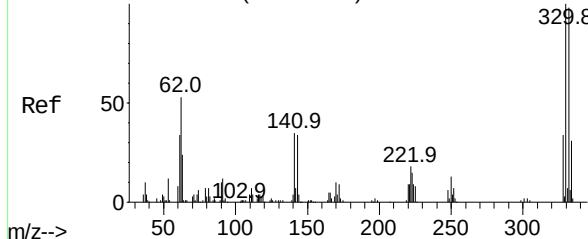
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

Instrument :
BNA_M
ClientSampled :
1693-94

Tgt Ion:	164	Resp:	79508
Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.4	120.6
160	44.2	35.9	53.9

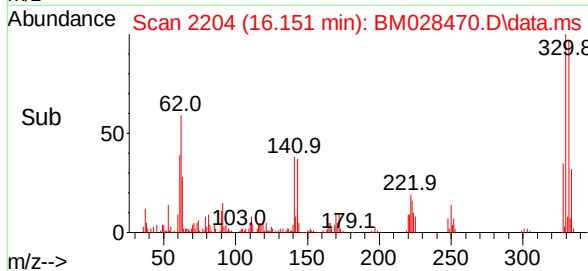
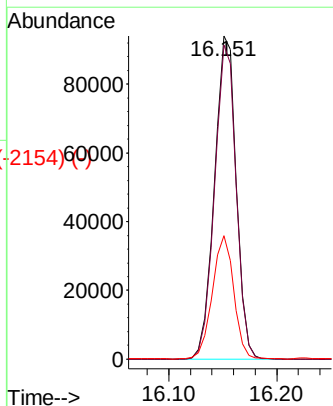
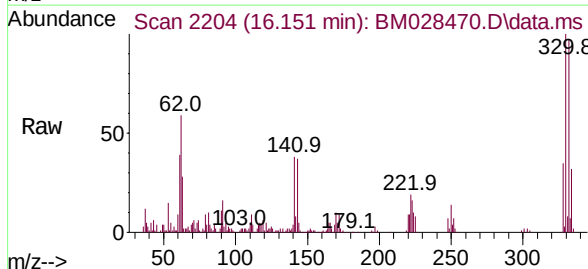


Abundance Scan 2205 (16.157 min): BM028463.D\data.ms (-2142) (-)



2,4,6-Tribromophenol
Concen: 126.10 ng
RT: 16.151 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

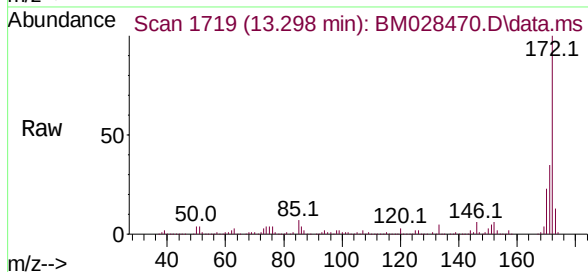
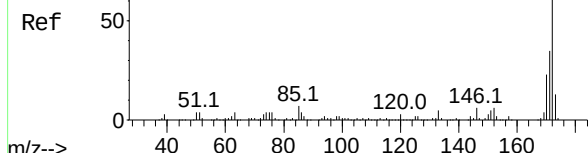
Tgt Ion:	330	Resp:	132842
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.8
141	37.9	28.4	42.6



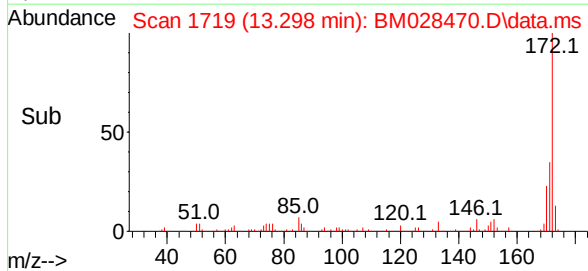
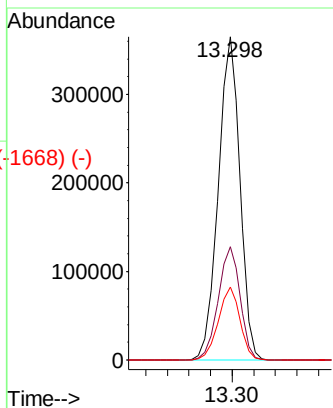
Abundance Scan 1719 (13.298 min): BM028463.D\data.ms (-1745) (-)

2-Fluorobiphenyl
Concen: 81.13 ng
RT: 13.298 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

Instrument :
BNA_M
ClientSampled :
1693-94

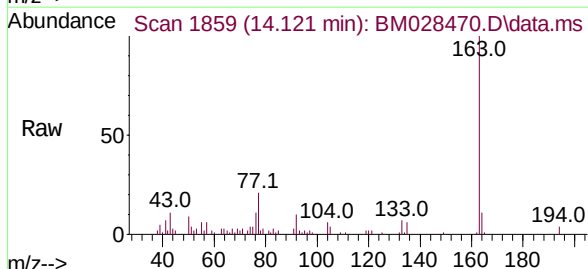
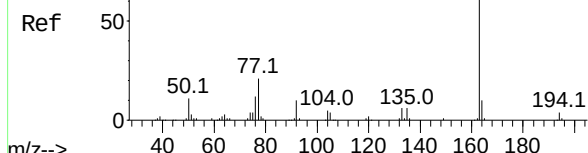


Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	22.7	18.6	27.8

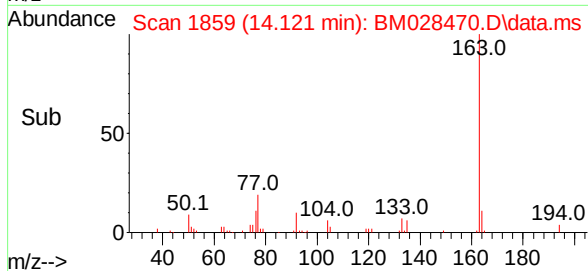
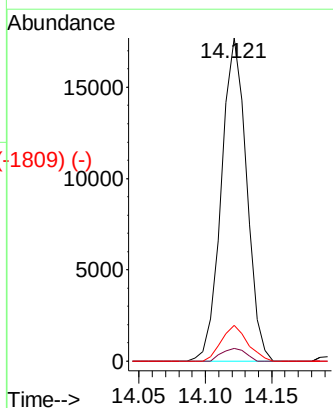


Abundance Scan 1860 (14.127 min): BM028463.D\data.ms (-1859) (-)

Dimethylphthalate
Concen: 3.57 ng
RT: 14.121 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30



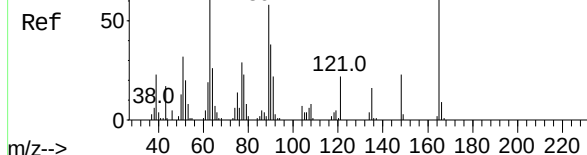
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	11.0	8.1	12.1



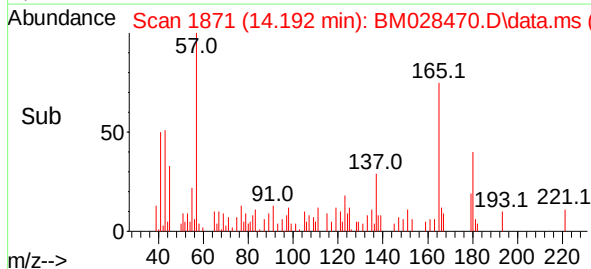
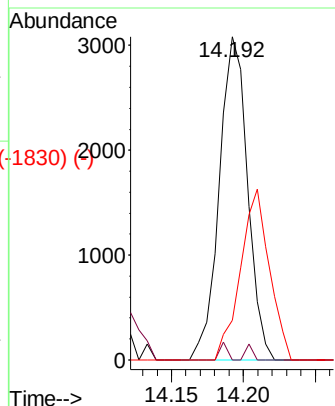
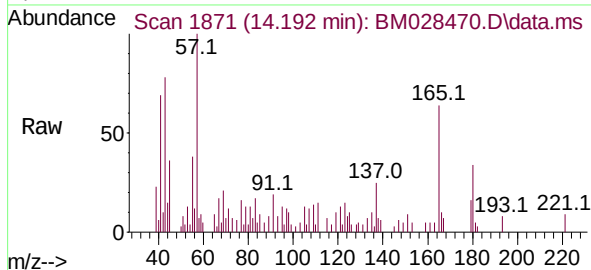
Abundance Scan 1881 (14.251 min): BM028463.D\data.ms (-1851) (-)

2,6-Dinitrotoluene
Concen: 3.03 ng
RT: 14.192 min Scan# 1871
Delta R.T. -0.059 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

Instrument :
BNA_M
ClientSampled :
1693-94



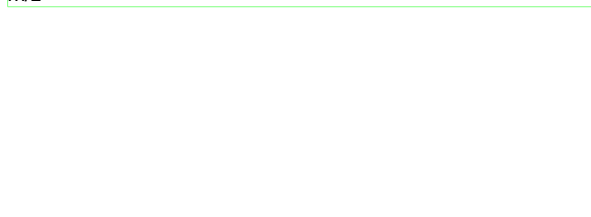
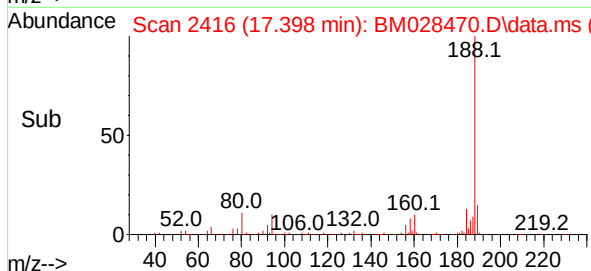
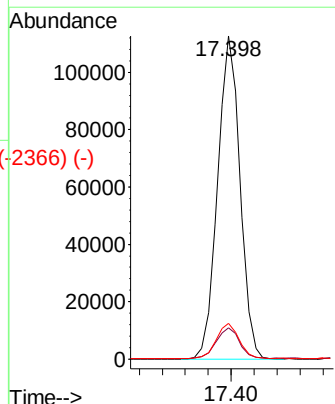
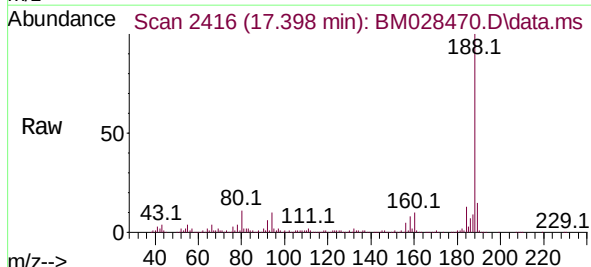
Tgt Ion:	165	Resp:	4207
Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.1	76.7#
89	12.3	53.3	79.9#



Abundance Scan 2417 (17.404 min): BM028463.D\data.ms (-2409) (-)

Phenanthrene-d10
Concen: 20.00 ng
RT: 17.398 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

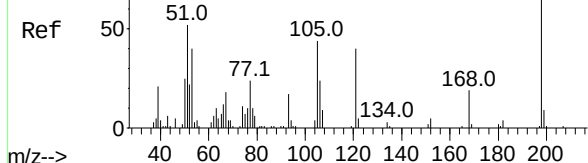
Tgt Ion:	188	Resp:	152812
Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.2	9.4#
80	11.0	7.5	11.3



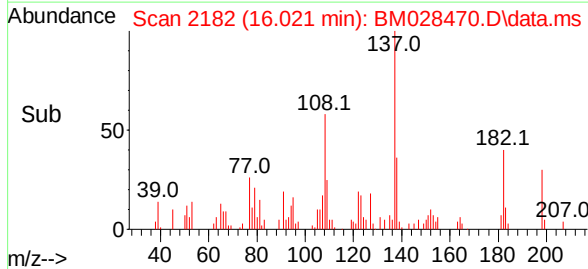
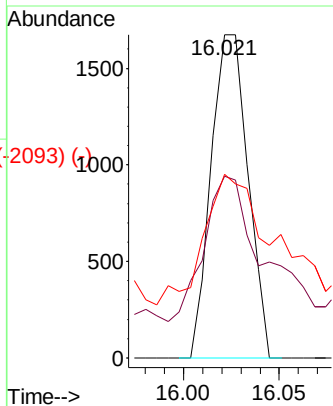
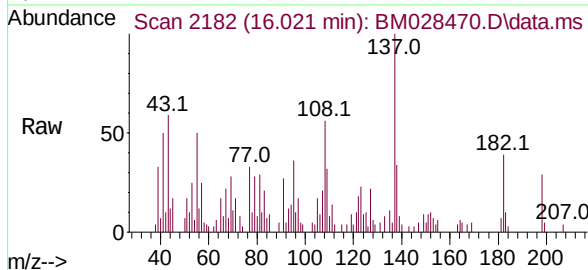
Abundance Scan 2144 (15.798 min): BM028463.D\data.ms (-2155) (-)

4,6-Dinitro-2-methylphenol
Concen: 2.37 ng
RT: 16.021 min Scan# 2182
Delta R.T. 0.224 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

Instrument :
BNA_M
ClientSampled :
1693-94

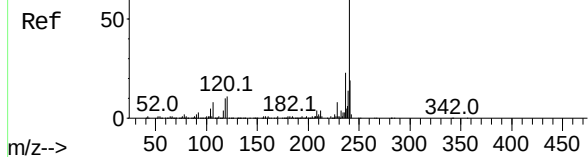


Tgt Ion:	198	Resp:	2246
Ion	Ratio	Lower	Upper
198	100		
51	56.3	13.0	53.0#
105	56.9	18.7	58.7

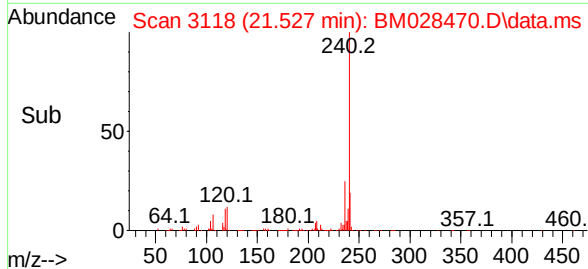
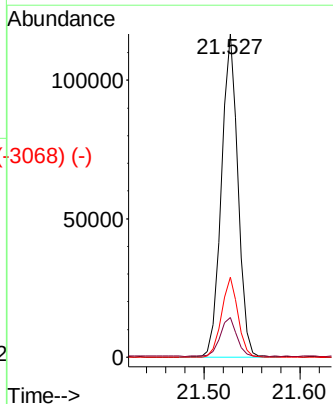
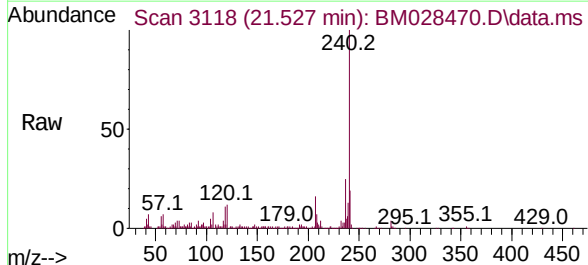


Abundance Scan 3119 (21.533 min): BM028463.D\data.ms (-3170) (-)

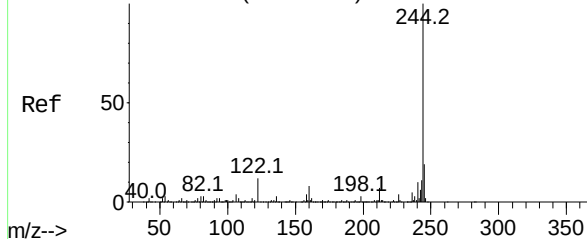
Chrysene-d12
Concen: 20.00 ng
RT: 21.527 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30



Tgt Ion:	240	Resp:	140504
Ion	Ratio	Lower	Upper
240	100		
120	12.3	6.4	9.6#
236	24.7	20.1	30.1



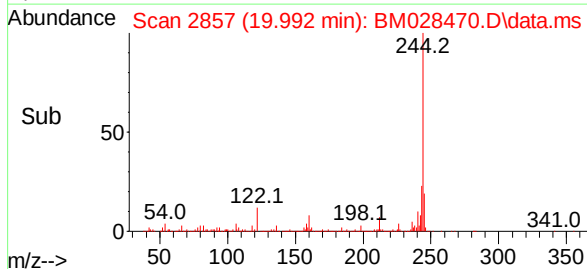
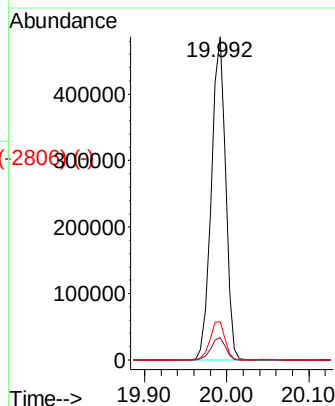
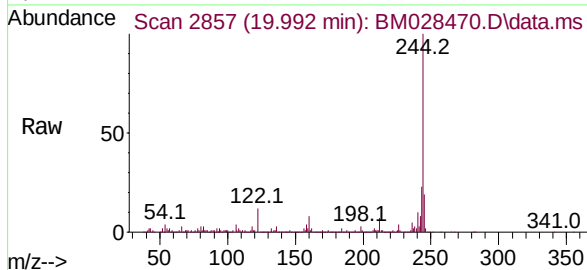
Abundance Scan 2857 (19.992 min): BM028463.D\data.ms (-2857) (-)



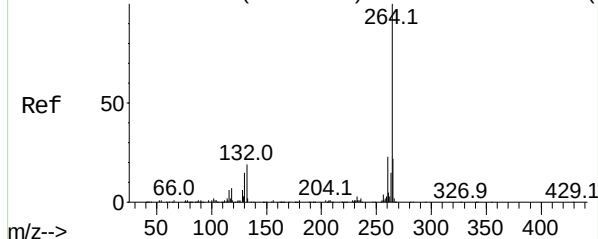
Terphenyl-d14
Concen: 75.55 ng
RT: 19.992 min Scan# 2857
Delta R.T. 0.000 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

Instrument :
BNA_M
ClientSampled :
1693-94

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.8	6.5	9.7#



Abundance Scan 3507 (23.815 min): BM028463.D\data.ms (-3456) (-)



Perylene-d12
Concen: 20.00 ng
RT: 23.815 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BM028470.D
Acq: 20 Jan 2021 16:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	22.1	17.7	26.5

