

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041191.D
 Acq On : 31 Jul 2023 16:11
 Operator : MA/JU
 Sample : 03742-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P32A

Quant Time: Jul 31 17:37:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

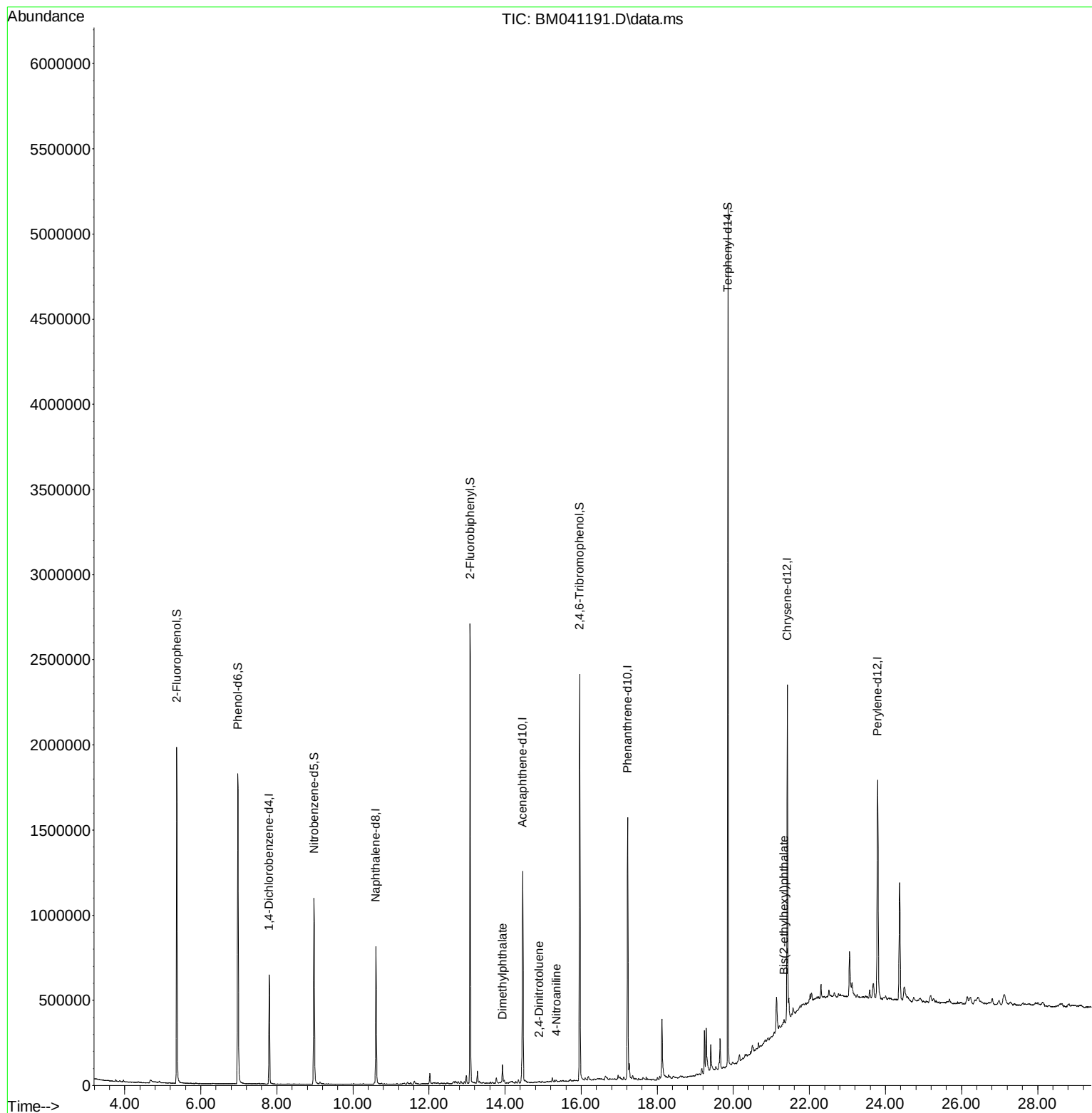
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	163713	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	652216	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	391284	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	858428	20.000	ng	0.00
76) Chrysene-d12	21.421	240	842056	20.000	ng	0.00
86) Perylene-d12	23.792	264	934244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	786738	71.824	ng	0.00
7) Phenol-d6	6.975	99	1023842	72.108	ng	0.00
23) Nitrobenzene-d5	8.975	82	626331	44.659	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	398465	71.996	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1307606	42.216	ng	0.00
79) Terphenyl-d14	19.857	244	2232663	47.940	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.927	163	61313	2.083	ng	Qvalue 100
57) 2,4-Dinitrotoluene	14.892	165	657	2.742	ng	# 31
62) 4-Nitroaniline	15.345	138	61	4.156	ng	# 13
84) Bis(2-ethylhexyl)phtha...	21.333	149	9036	2.790	ng	98

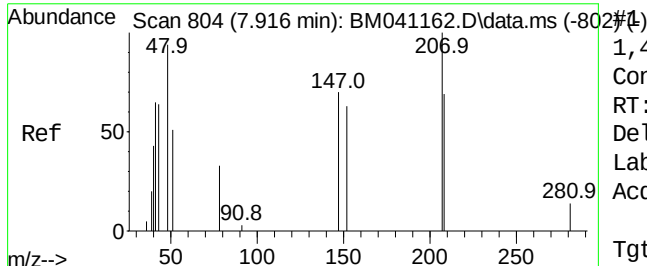
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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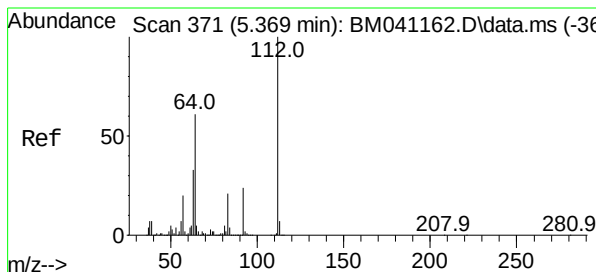
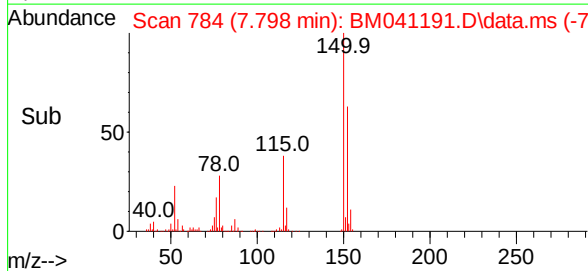
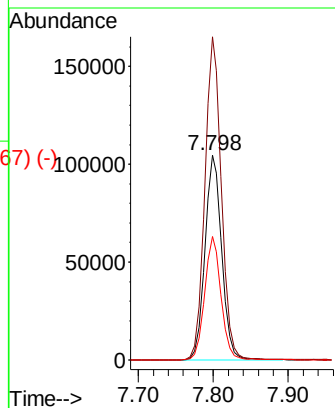
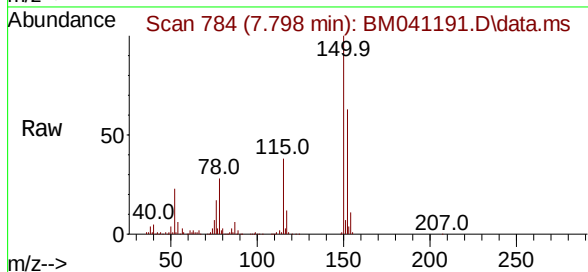




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.798 min Scan#
 Delta R.T. 0.000 min
 Lab File: BM041191.D
 Acq: 31 Jul 2023 16:11

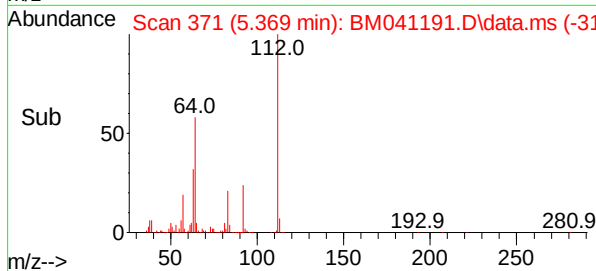
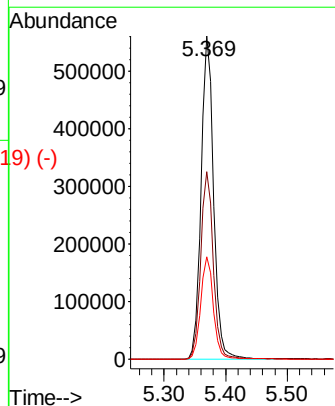
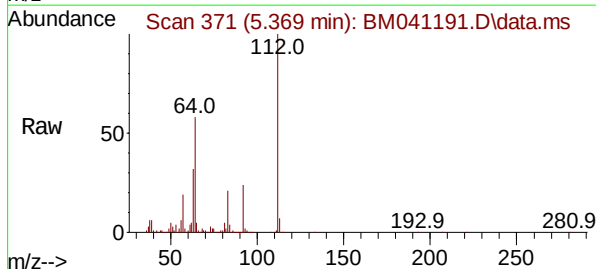
Instrument :
 BNA_M
 ClientSampleId :
 B-P32A

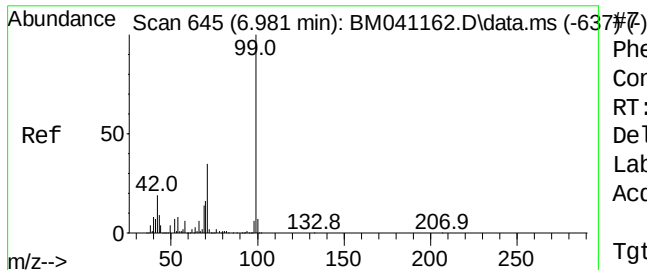
Tgt Ion:152 Resp: 163713
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.5 188.3
 115 60.4 48.0 72.0



2-Fluorophenol
 Concen: 71.824 ng
 RT: 5.369 min Scan# 371
 Delta R.T. 0.006 min
 Lab File: BM041191.D
 Acq: 31 Jul 2023 16:11

Tgt Ion:112 Resp: 786738
 Ion Ratio Lower Upper
 112 100
 64 58.0 48.5 72.7
 63 31.7 26.5 39.7





Phenol-d6

Concen: 72.108 ng

RT: 6.975 min Scan#

Delta R.T. 0.000 min

Lab File: BM041191.D

Acq: 31 Jul 2023 16:11

Instrument :

BNA_M

ClientSampleId :

B-P32A

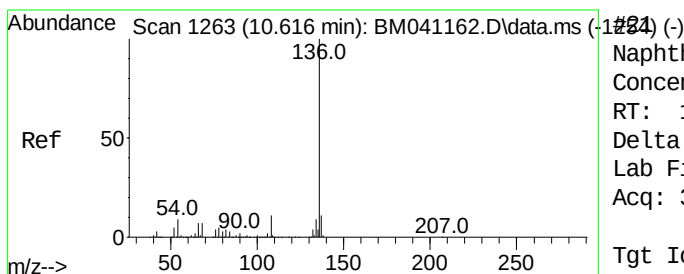
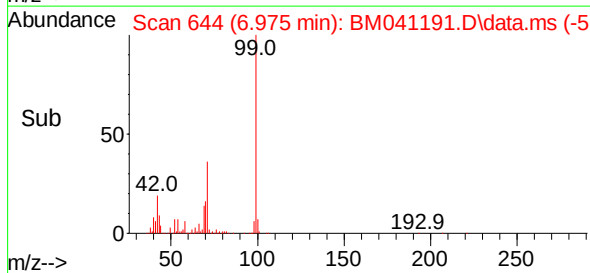
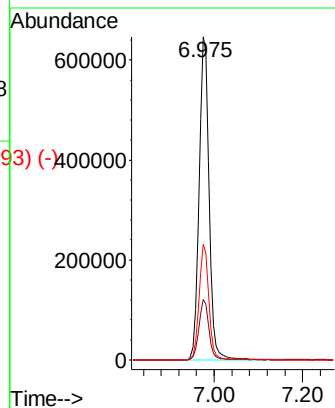
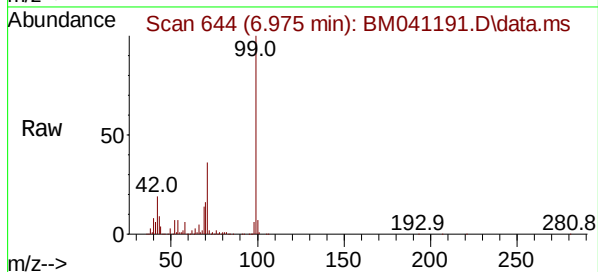
Tgt Ion: 99 Resp: 1023842

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

71 35.8 28.2 42.4



Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BM041191.D

Acq: 31 Jul 2023 16:11

Tgt Ion: 136 Resp: 652216

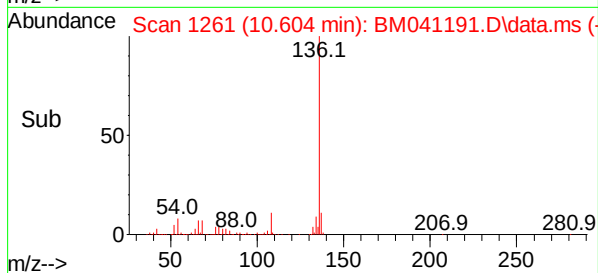
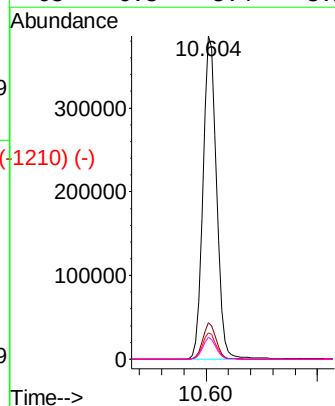
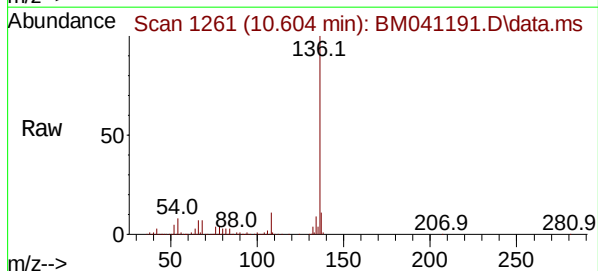
Ion Ratio Lower Upper

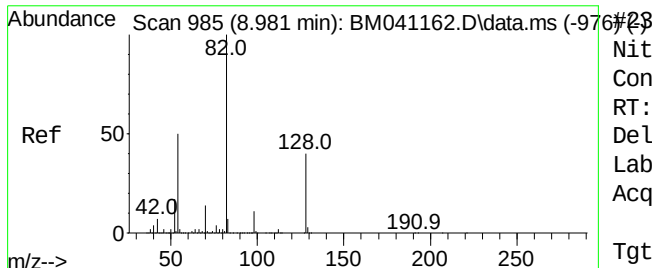
136 100

137 11.3 8.8 13.2

54 8.2 6.9 10.3

68 6.8 5.4 8.2

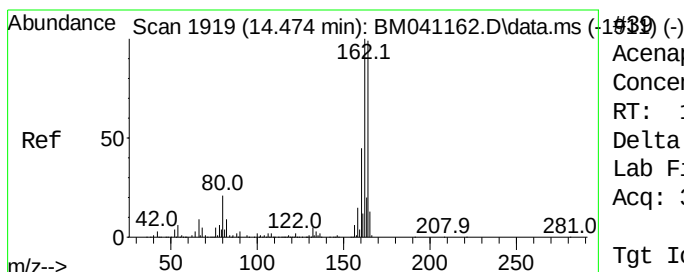
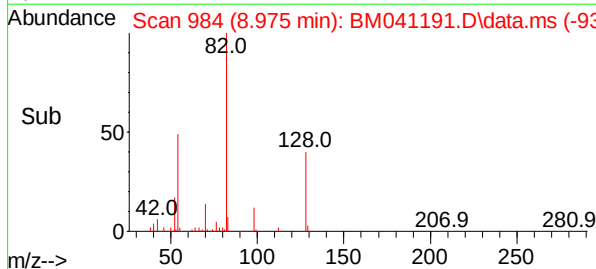
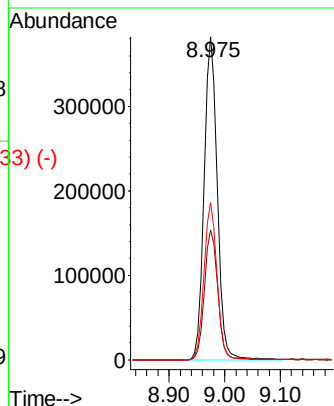
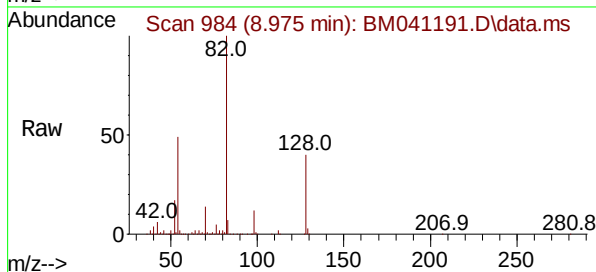




Nitrobenzene-d5
Concen: 44.659 ng
RT: 8.975 min Scan# 985
Delta R.T. 0.000 min
Lab File: BM041191.D
Acq: 31 Jul 2023 16:11

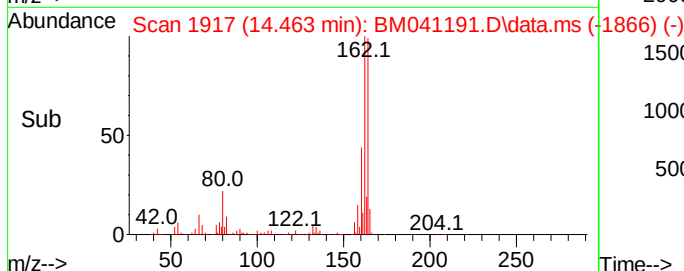
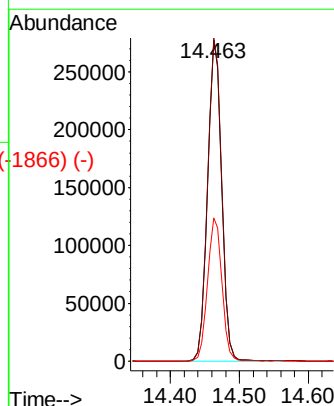
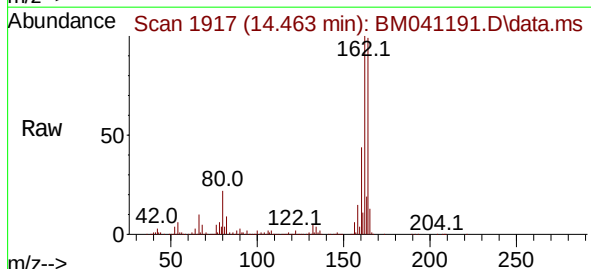
Instrument :
BNA_M
ClientSampleId :
B-P32A

Tgt Ion:	82	Resp:	626331
Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.8	47.6
54	48.8	40.1	60.1



Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM041191.D
Acq: 31 Jul 2023 16:11

Tgt Ion:	164	Resp:	391284
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.4	120.6
160	44.6	36.2	54.2



Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-164) (-)

2,4,6-Tribromophenol

Concen: 71.996 ng

RT: 15.963 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BM041191.D

Acq: 31 Jul 2023 16:11

Instrument :

BNA_M

ClientSampleId :

B-P32A

Tgt Ion:330 Resp: 398465

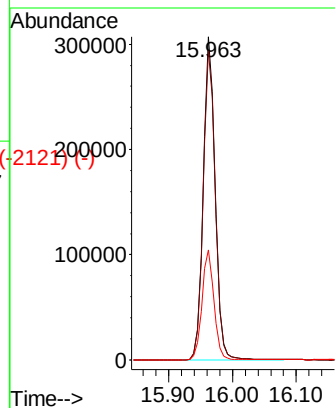
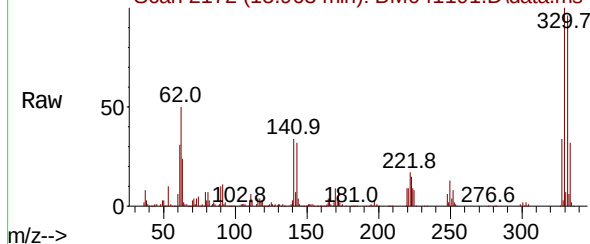
Ion Ratio Lower Upper

330 100

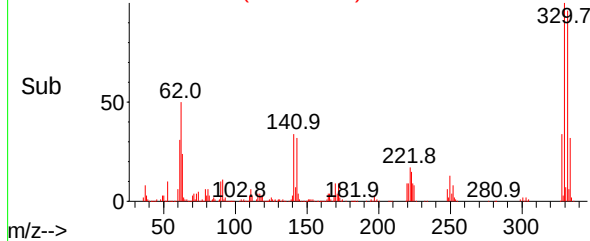
332 97.0 77.7 116.5

141 34.4 28.3 42.5

Abundance Scan 2172 (15.963 min): BM041191.D\data.ms



Abundance Scan 2172 (15.963 min): BM041191.D\data.ms (-2121) (-)



Abundance Scan 1684 (13.092 min): BM041162.D\data.ms (-1645) (-)

2-Fluorobiphenyl

Concen: 42.216 ng

RT: 13.080 min Scan# 1682

Delta R.T. -0.006 min

Lab File: BM041191.D

Acq: 31 Jul 2023 16:11

Tgt Ion:172 Resp: 1307606

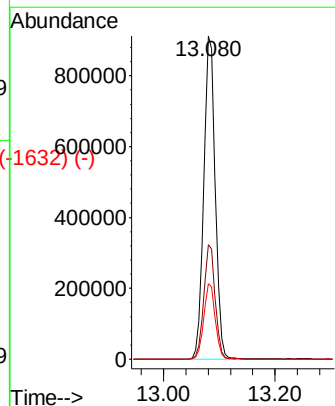
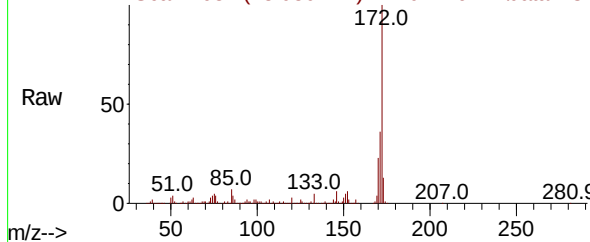
Ion Ratio Lower Upper

172 100

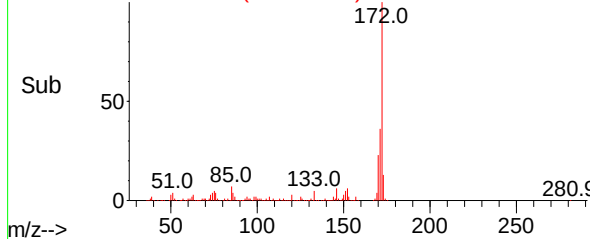
171 35.5 28.1 42.1

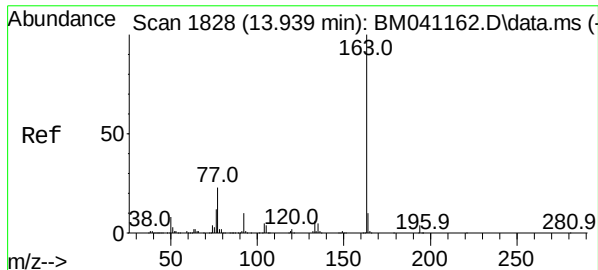
170 23.4 18.9 28.3

Abundance Scan 1682 (13.080 min): BM041191.D\data.ms



Abundance Scan 1682 (13.080 min): BM041191.D\data.ms (-1632) (-)

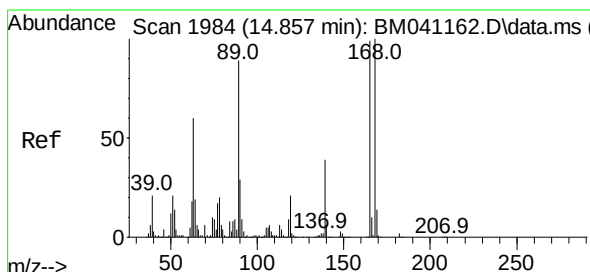
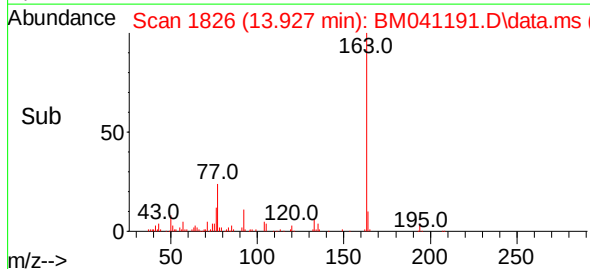
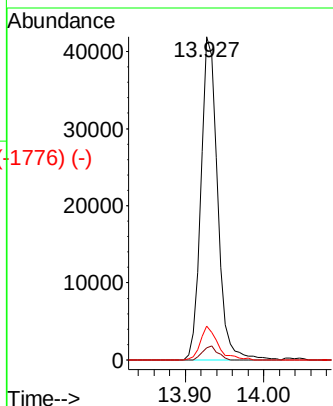
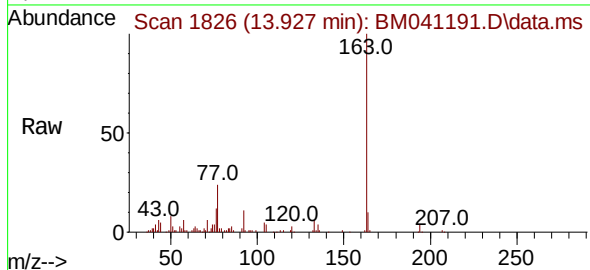




Dimethylphthalate
 Concen: 2.083 ng
 RT: 13.927 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BM041191.D
 Acq: 31 Jul 2023 16:11

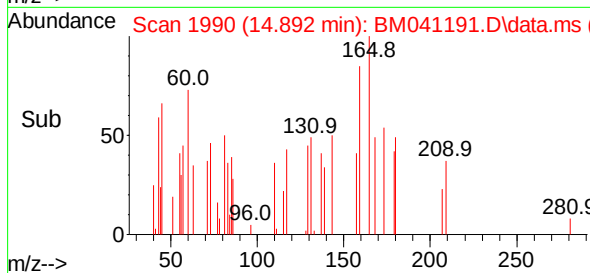
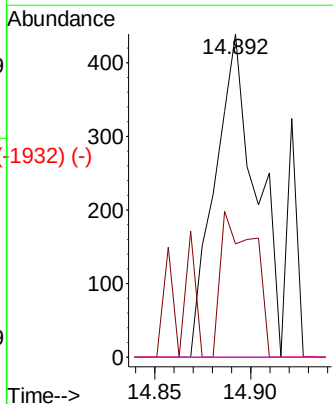
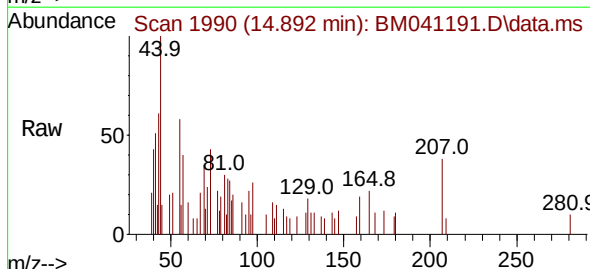
Instrument :
 BNA_M
 ClientSampleId :
 B-P32A

Tgt Ion:	163	Resp:	61313
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.4	8.3	12.5



2,4-Dinitrotoluene
 Concen: 2.742 ng
 RT: 14.892 min Scan# 1990
 Delta R.T. 0.041 min
 Lab File: BM041191.D
 Acq: 31 Jul 2023 16:11

Tgt Ion:	165	Resp:	657
Ion	Ratio	Lower	Upper
165	100		
63	35.1	48.3	72.5#
89	0.0	71.8	107.8#
182	0.0	2.0	3.0#



Abundance Scan 2105 (15.568 min): BM041162.D\data.ms (-2105) (-)

4-Nitroaniline

Concen: 4.156 ng

RT: 15.345 min Scan# 2105

Delta R.T. -0.217 min

Lab File: BM041191.D

Acq: 31 Jul 2023 16:11

Instrument :

BNA_M

ClientSampleId :

B-P32A

Tgt Ion:138 Resp: 61

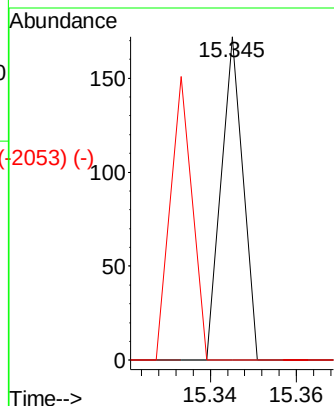
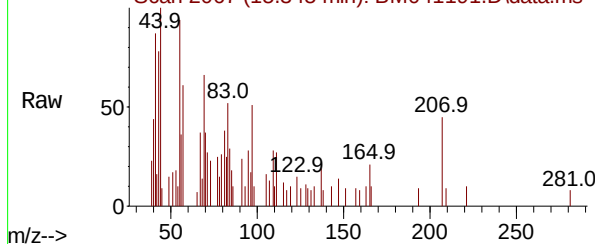
Ion Ratio Lower Upper

138 100

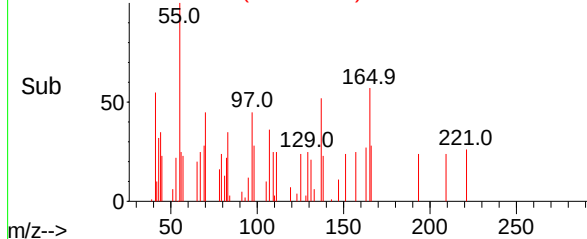
92 0.0 35.1 75.1#

108 0.0 67.8 107.8#

Abundance Scan 2067 (15.345 min): BM041191.D\data.ms



Abundance Scan 2067 (15.345 min): BM041191.D\data.ms (-2053) (-)



Abundance Scan 2387 (17.227 min): BM041162.D\data.ms (-2387) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BM041191.D

Acq: 31 Jul 2023 16:11

Tgt Ion:188 Resp: 858428

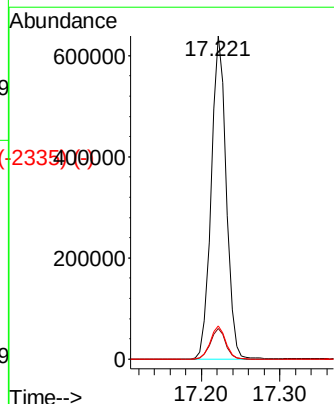
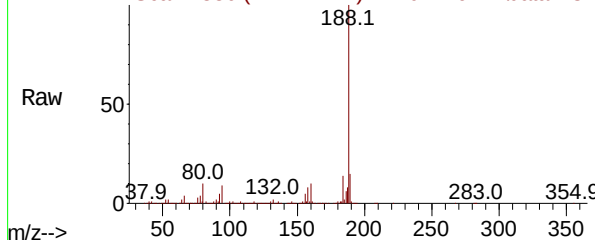
Ion Ratio Lower Upper

188 100

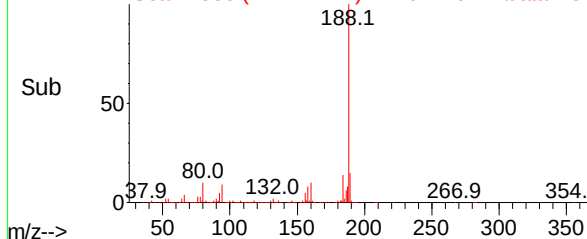
94 9.4 8.2 12.2

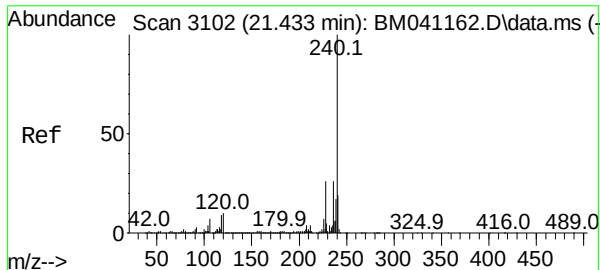
80 10.3 8.6 13.0

Abundance Scan 2386 (17.221 min): BM041191.D\data.ms



Abundance Scan 2386 (17.221 min): BM041191.D\data.ms (-2334) (-)

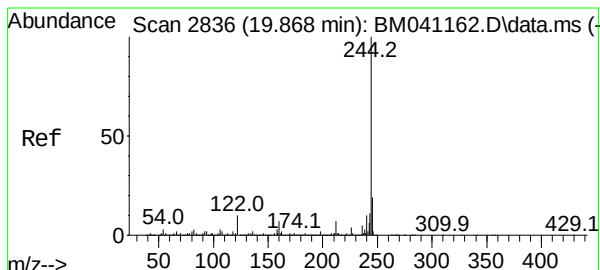
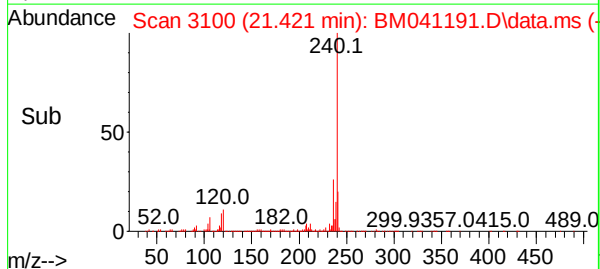
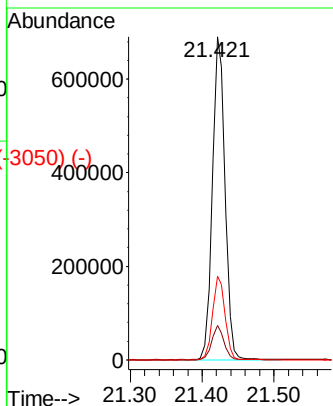
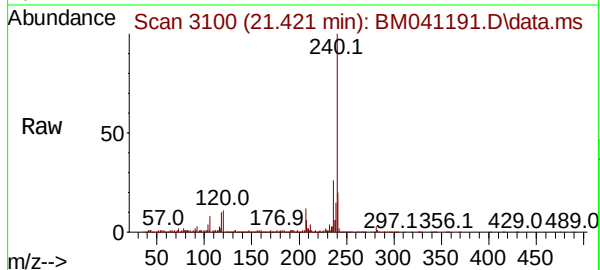




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.421 min Scan# 3100
 Delta R.T. -0.006 min
 Lab File: BM041191.D
 Acq: 31 Jul 2023 16:11

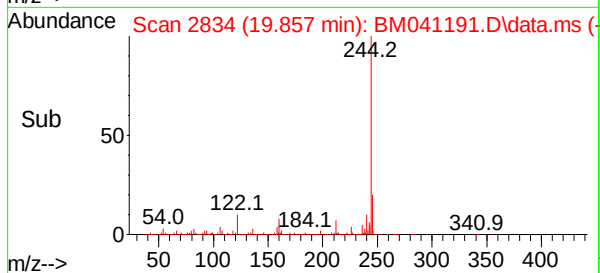
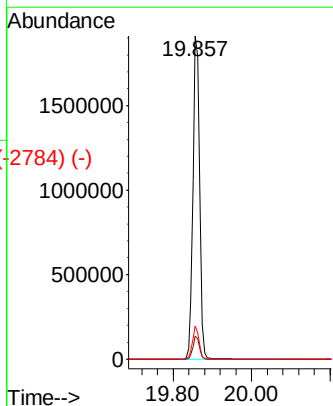
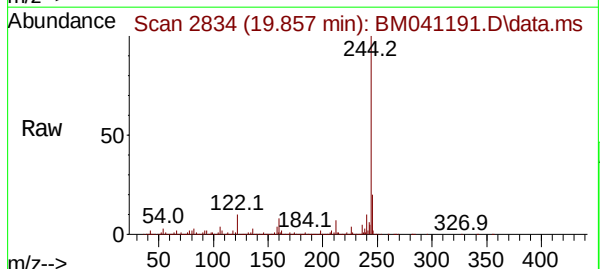
Instrument :
 BNA_M
 ClientSampleId :
 B-P32A

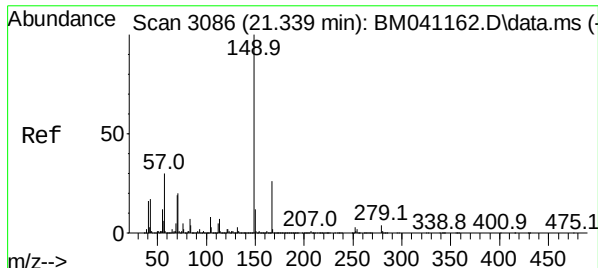
Tgt Ion:	240	Resp:	842056
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	26.0	20.6	30.8



Terphenyl-d14
 Concen: 47.940 ng
 RT: 19.857 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BM041191.D
 Acq: 31 Jul 2023 16:11

Tgt Ion:	244	Resp:	2232663
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.3	7.8	11.6

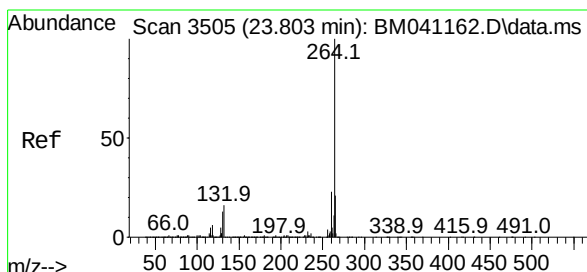
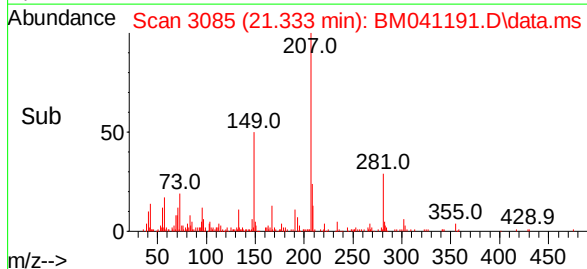
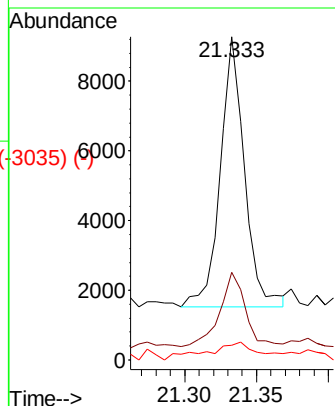
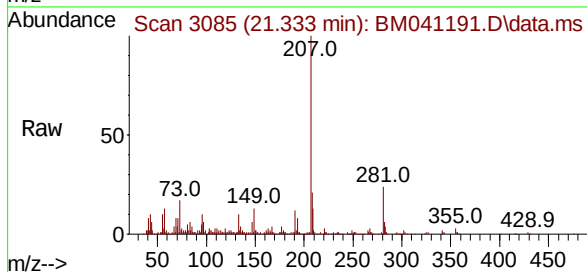




Bis(2-ethylhexyl)phthalate
 Concen: 2.790 ng
 RT: 21.333 min Scan# 3086
 Delta R.T. -0.006 min
 Lab File: BM041191.D
 Acq: 31 Jul 2023 16:11

Instrument :
 BNA_M
 ClientSampleId :
 B-P32A

Tgt Ion:	149	Resp:	9036
Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.6
279	4.6	3.1	4.7



Perylene-d12
 Concen: 20.000 ng
 RT: 23.792 min Scan# 3503
 Delta R.T. -0.006 min
 Lab File: BM041191.D
 Acq: 31 Jul 2023 16:11

Tgt Ion:	264	Resp:	934244
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.1	17.4	26.0

