

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041292.D
 Acq On : 04 Aug 2023 13:42
 Operator : MA/JU
 Sample : 03887-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP6

Quant Time: Aug 04 16:14:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

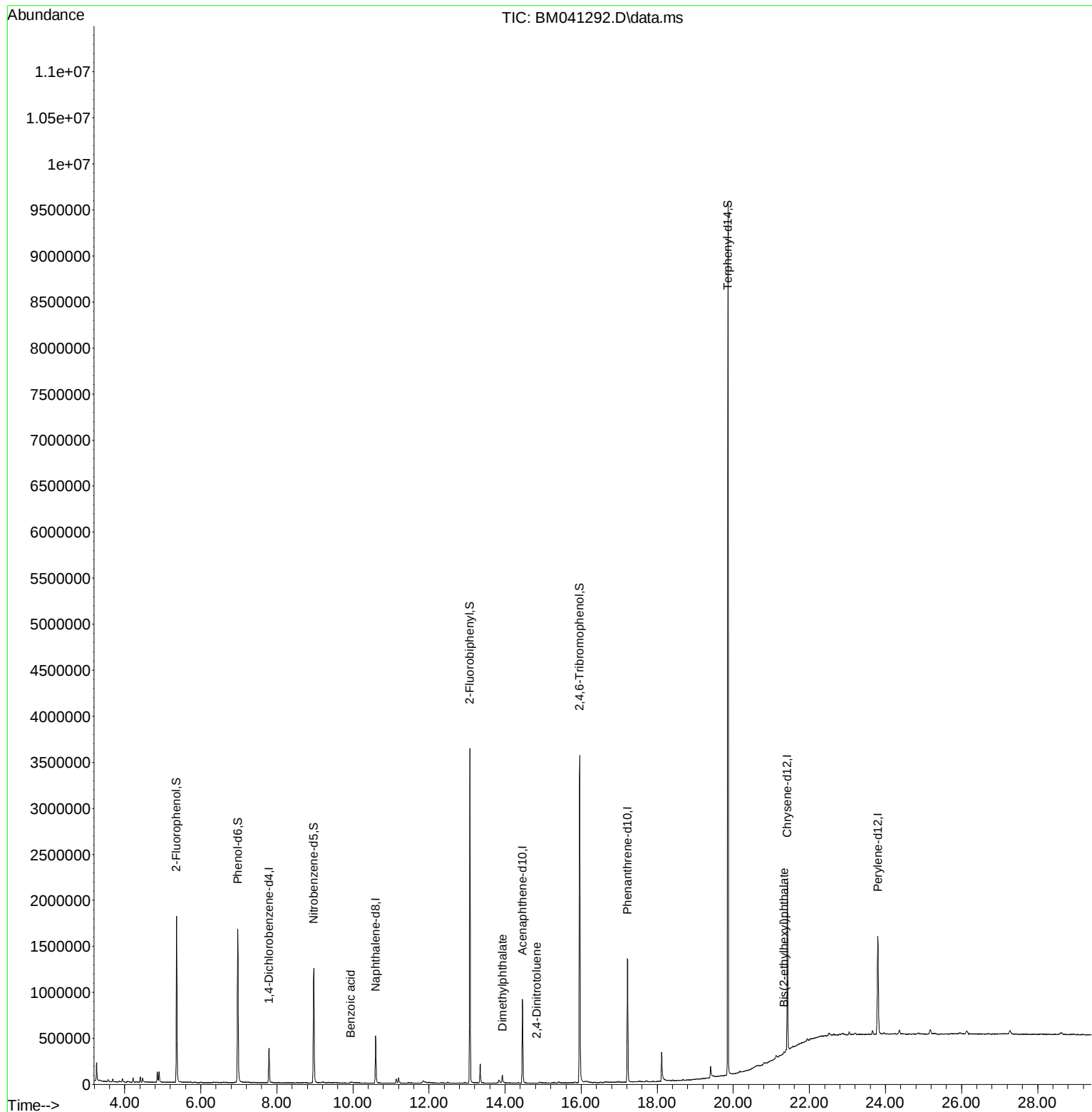
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	100007	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	421622	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	296266	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	813352	20.000	ng	0.00
76) Chrysene-d12	21.421	240	846363	20.000	ng	-0.01
86) Perylene-d12	23.797	264	833008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	764934	114.318	ng	0.00
7) Phenol-d6	6.975	99	938299	108.180	ng	0.00
23) Nitrobenzene-d5	8.969	82	724902	79.956	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	683461	163.097	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	1781594	75.965	ng	0.00
79) Terphenyl-d14	19.856	244	4468544	95.460	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.939	122	5916	8.218	ng	# 80
50) Dimethylphthalate	13.927	163	56714	2.545	ng	# 99
57) 2,4-Dinitrotoluene	14.827	165	54	2.678	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.327	149	4961	2.676	ng	# 97

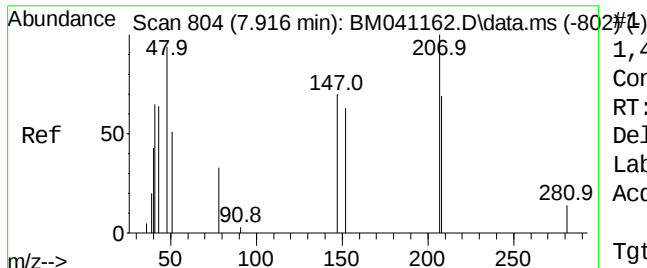
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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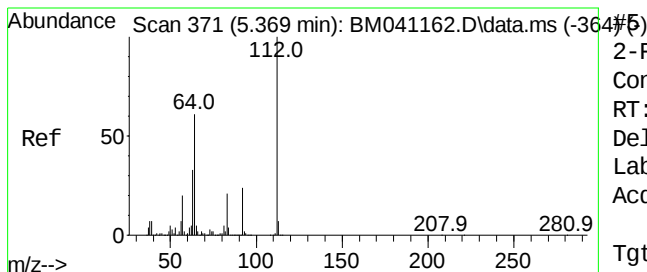
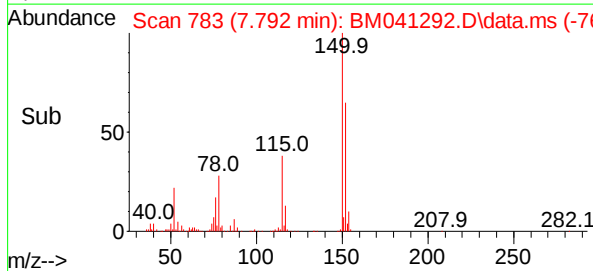
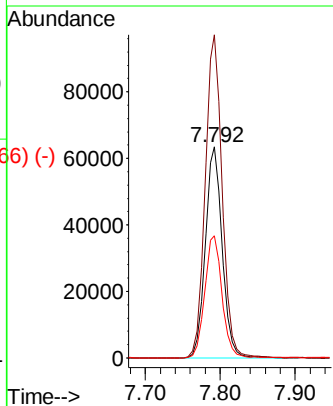
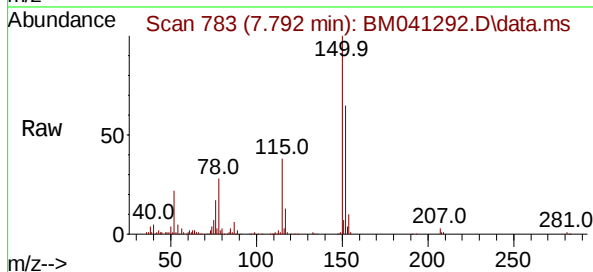




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan#
 Delta R.T. -0.001 min
 Lab File: BM041292.D
 Acq: 04 Aug 2023 13:42

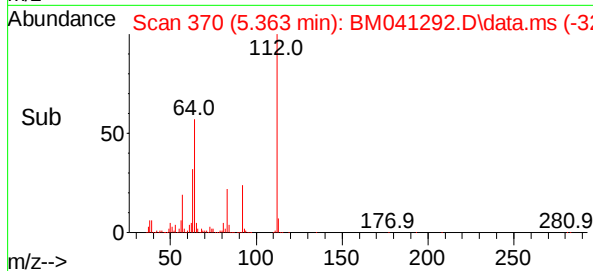
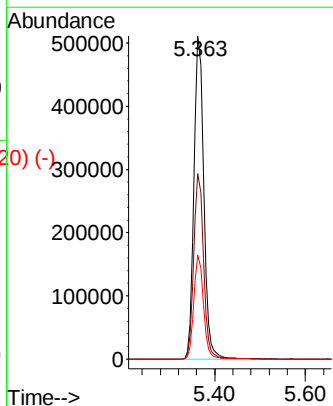
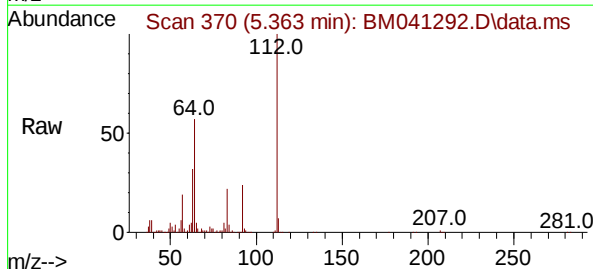
Instrument :
 BNA_M
 ClientSampleId :
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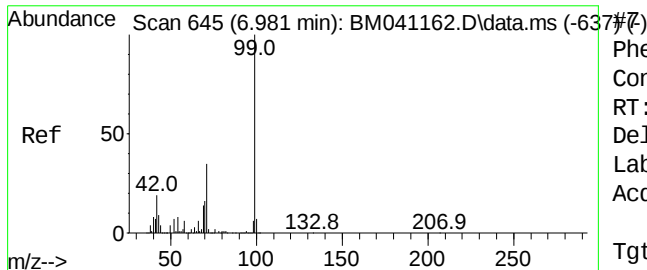
Tgt Ion:152 Resp: 100007
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.5 188.3
 115 58.0 48.0 72.0



2-Fluorophenol
 Concen: 114.318 ng
 RT: 5.363 min Scan# 370
 Delta R.T. -0.006 min
 Lab File: BM041292.D
 Acq: 04 Aug 2023 13:42

Tgt Ion:112 Resp: 764934
 Ion Ratio Lower Upper
 112 100
 64 57.4 48.5 72.7
 63 32.3 26.5 39.7





Phenol-d6

Concen: 108.180 ng

RT: 6.975 min Scan#

Delta R.T. -0.006 min

Lab File: BM041292.D

Acq: 04 Aug 2023 13:42

Instrument :

BNA_M

ClientSampleId :

MCLEAN-TP6

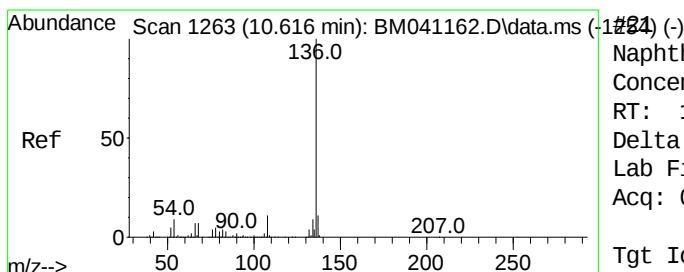
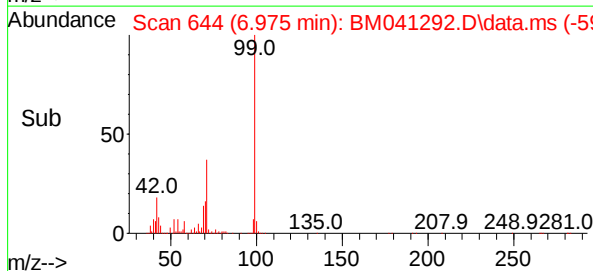
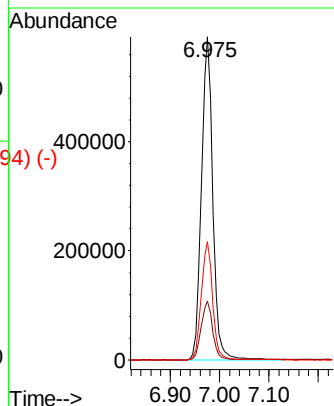
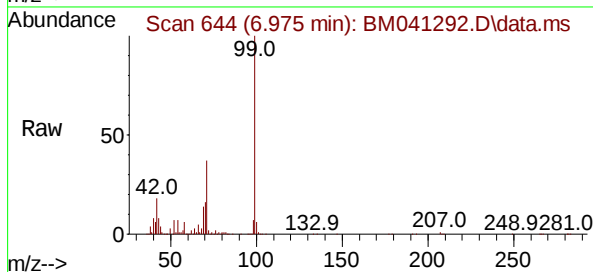
Tgt Ion: 99 Resp: 938299

Ion Ratio Lower Upper

99 100

42 18.2 15.4 23.0

71 36.7 28.2 42.4



Naphthalene-d8

Concen: 20.000 ng

RT: 10.598 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BM041292.D

Acq: 04 Aug 2023 13:42

Tgt Ion: 136 Resp: 421622

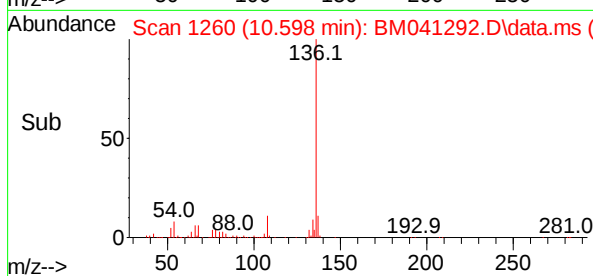
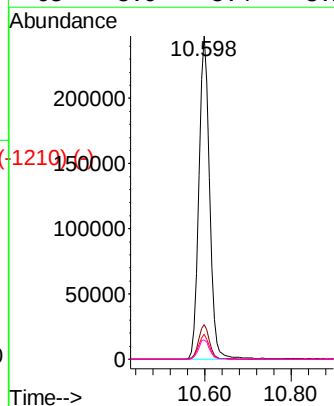
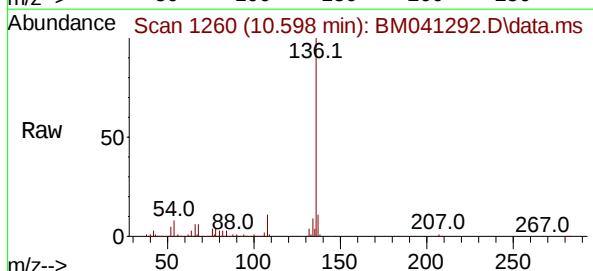
Ion Ratio Lower Upper

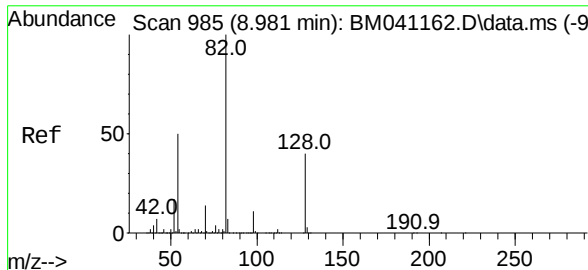
136 100

137 10.7 8.8 13.2

54 7.7 6.9 10.3

68 5.9 5.4 8.2

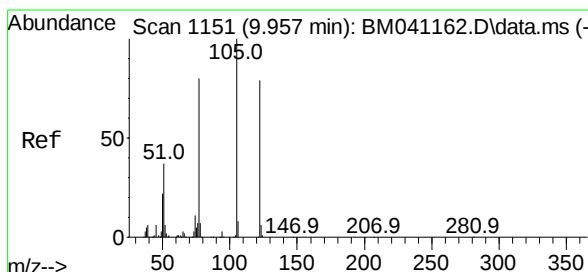
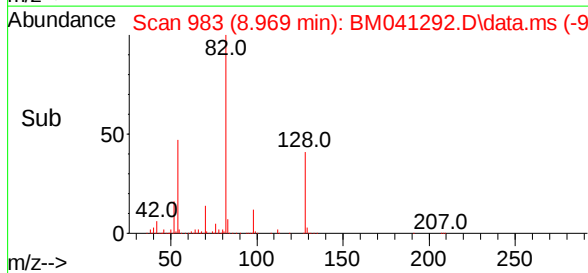
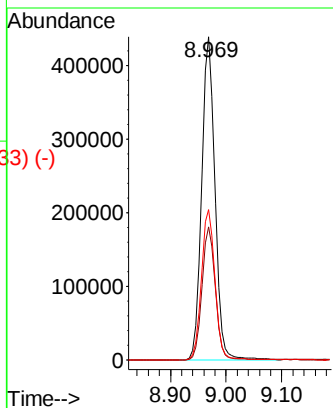
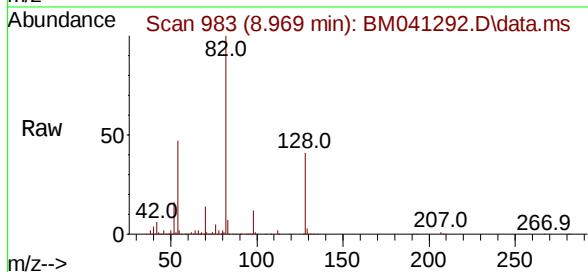




Nitrobenzene-d5
Concen: 79.956 ng
RT: 8.969 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BM041292.D
Acq: 04 Aug 2023 13:42

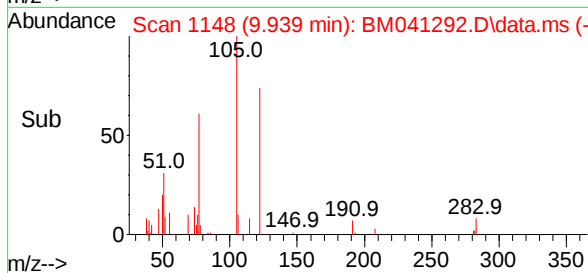
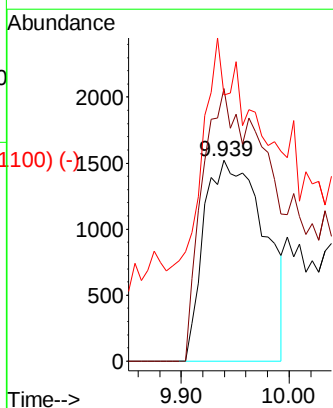
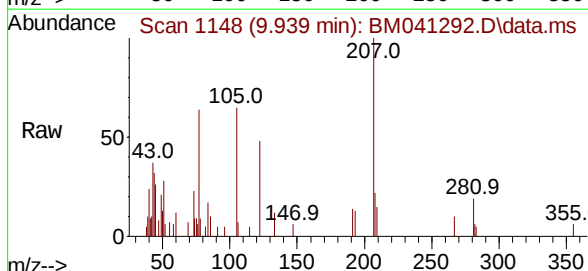
Instrument :
BNA_M
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MCLEAN-TP6

Tgt Ion:	82	Resp:	724902
Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.8	47.6
54	46.5	40.1	60.1



Benzoic acid
Concen: 8.218 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.018 min
Lab File: BM041292.D
Acq: 04 Aug 2023 13:42

Tgt Ion:	122	Resp:	5916
Ion	Ratio	Lower	Upper
122	100		
105	135.7	104.0	144.0
77	132.7	79.9	119.9#



Abundance Scan 1919 (14.474 min): BM041162.D\data.ms (-1866) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BM041292.D

Acq: 04 Aug 2023 13:42

Instrument :

BNA_M

ClientSampleId :

MCLEAN-TP6

Tgt Ion:164 Resp: 296266

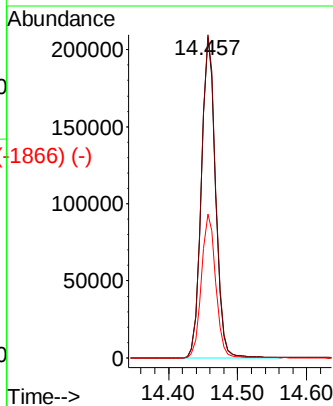
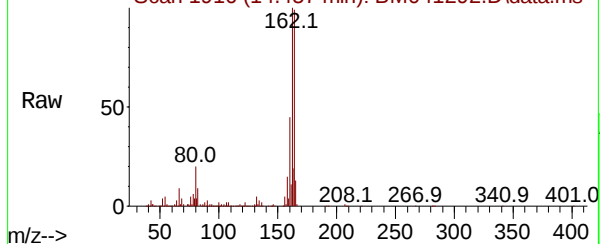
Ion Ratio Lower Upper

164 100

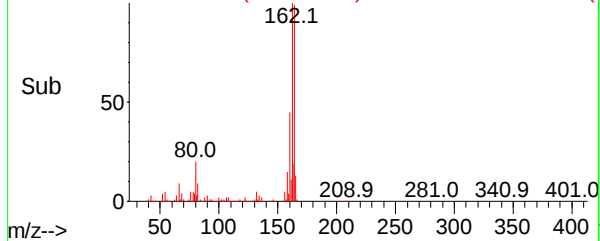
162 100.8 80.4 120.6

160 45.0 36.2 54.2

Abundance Scan 1916 (14.457 min): BM041292.D\data.ms



Abundance Scan 1916 (14.457 min): BM041292.D\data.ms (-1866) (-)



Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-2122) (-)

2,4,6-Tribromophenol

Concen: 163.097 ng

RT: 15.962 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM041292.D

Acq: 04 Aug 2023 13:42

Tgt Ion:330 Resp: 683461

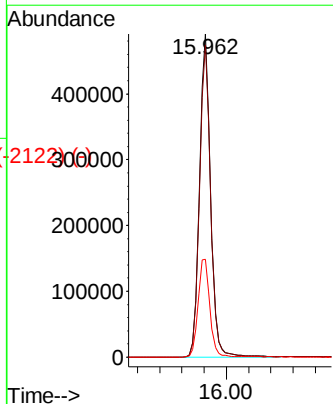
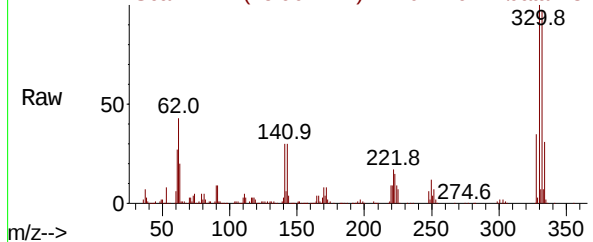
Ion Ratio Lower Upper

330 100

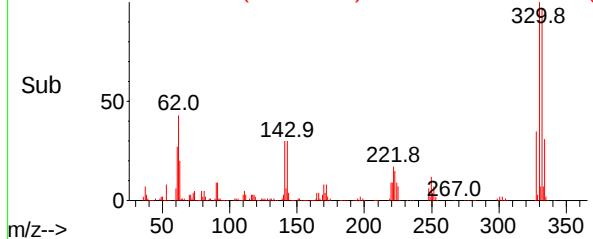
332 97.0 77.7 116.5

141 32.6 28.3 42.5

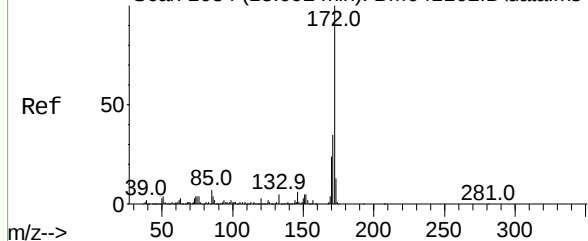
Abundance Scan 2172 (15.962 min): BM041292.D\data.ms



Abundance Scan 2172 (15.962 min): BM041292.D\data.ms (-2122) (-)



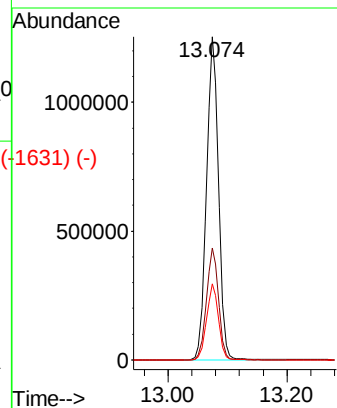
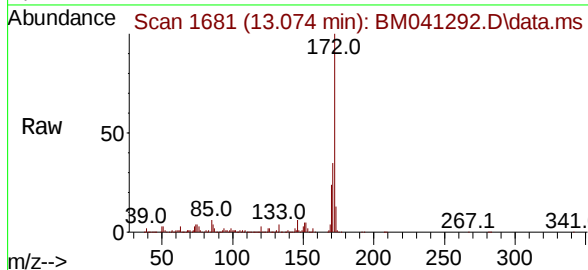
Abundance Scan 1684 (13.092 min): BM041162.D\data.ms (-1645) (-)



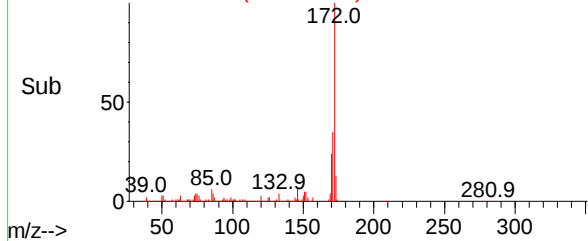
2-Fluorobiphenyl
Concen: 75.965 ng
RT: 13.074 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM041292.D
Acq: 04 Aug 2023 13:42

Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP6

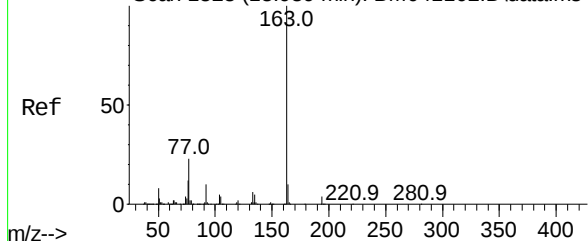
Tgt Ion:	172	Resp:	1781594
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.6	18.9	28.3



Abundance Scan 1681 (13.074 min): BM041292.D\data.ms (-1631) (-)

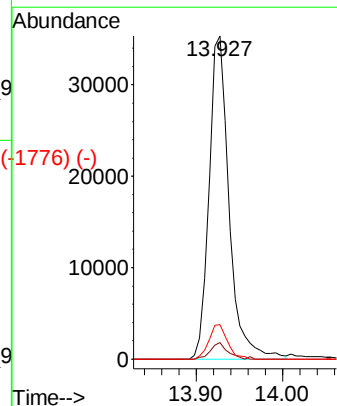
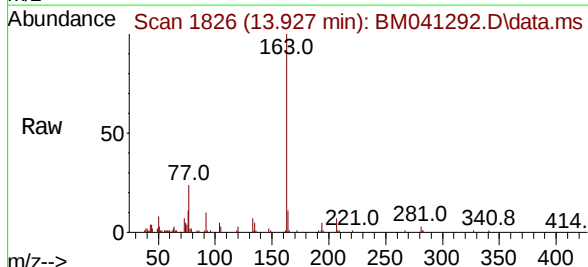


Abundance Scan 1828 (13.939 min): BM041162.D\data.ms (-1650) (-)

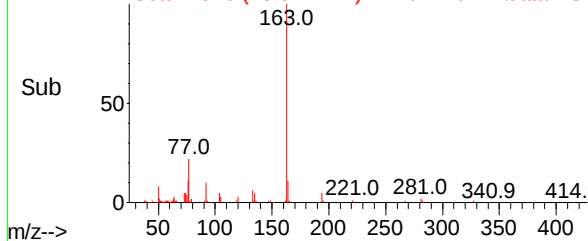


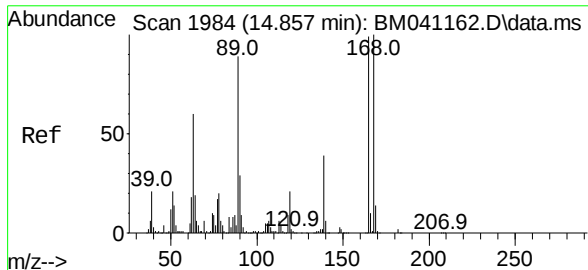
Dimethylphthalate
Concen: 2.545 ng
RT: 13.927 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM041292.D
Acq: 04 Aug 2023 13:42

Tgt Ion:	163	Resp:	56714
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.3	4.9#
164	10.7	8.3	12.5



Abundance Scan 1826 (13.927 min): BM041292.D\data.ms (-1776) (-)

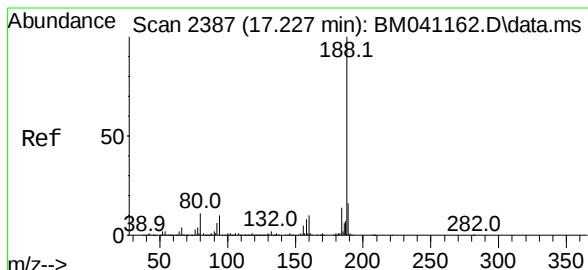
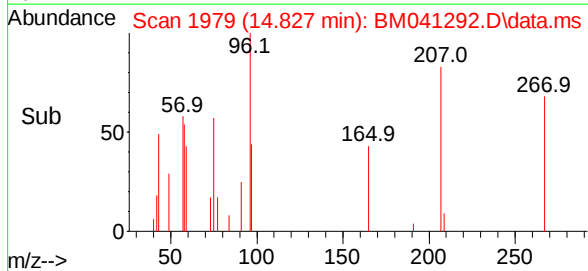
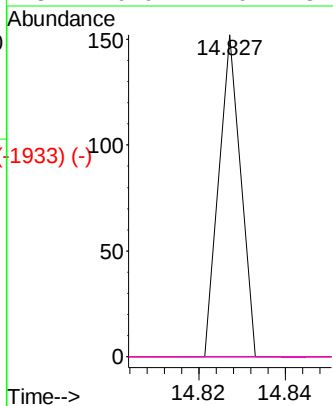
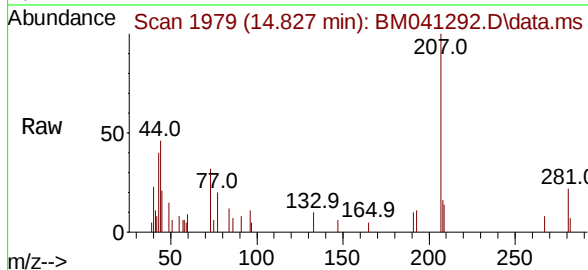




Scan 1984 (14.857 min): BM041162.D\data.ms (-1957) (-)
 2,4-Dinitrotoluene
 Concen: 2.678 ng
 RT: 14.827 min Scan# 1957
 Delta R.T. -0.030 min
 Lab File: BM041292.D
 Acq: 04 Aug 2023 13:42

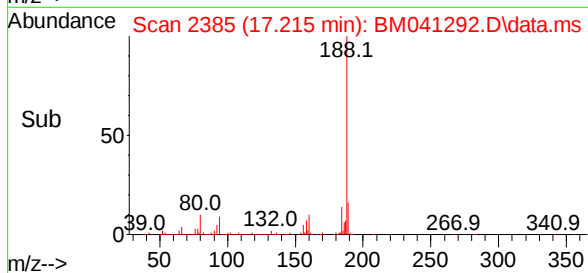
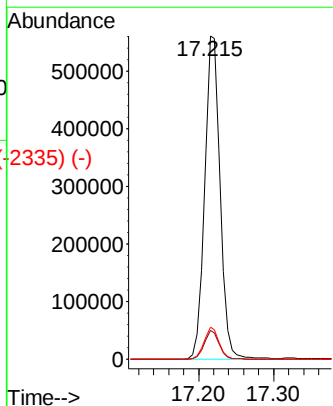
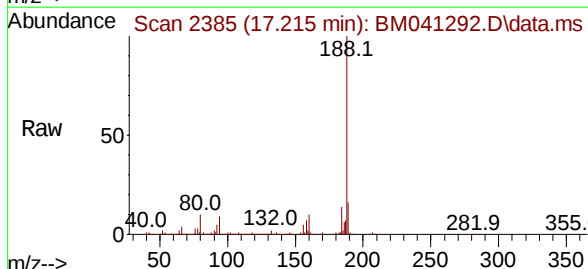
Instrument :
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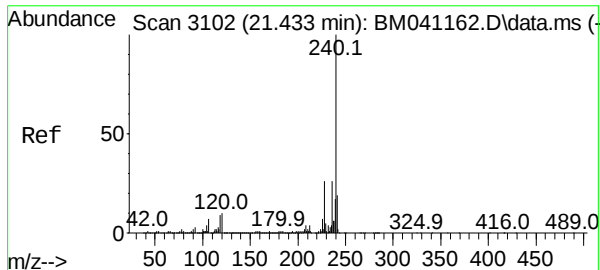
Tgt Ion:	165	Resp:	54
Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.3	72.5#
89	0.0	71.8	107.8#
182	0.0	2.0	3.0#



Scan 2387 (17.227 min): BM041162.D\data.ms (-2364) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.215 min Scan# 2385
 Delta R.T. -0.006 min
 Lab File: BM041292.D
 Acq: 04 Aug 2023 13:42

Tgt Ion:	188	Resp:	813352
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.9	8.6	13.0

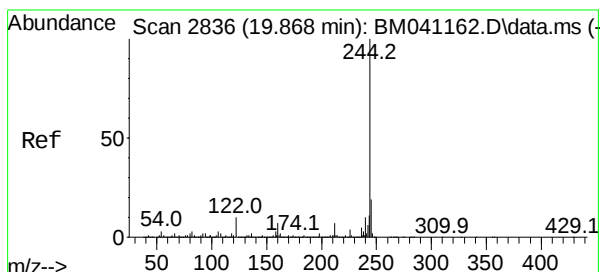
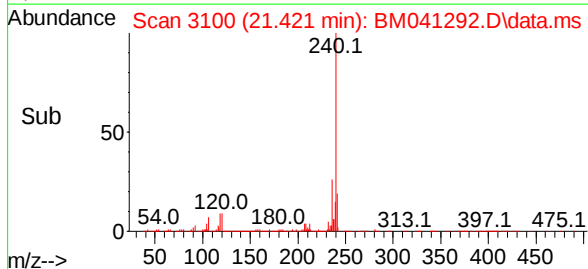
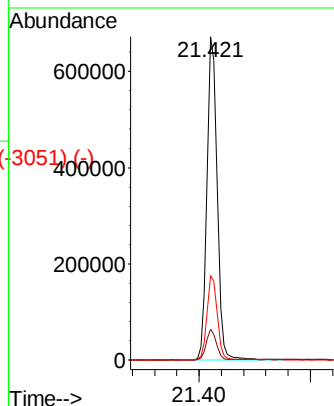
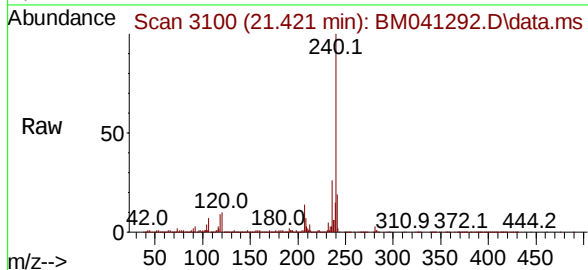




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.421 min Scan# 3102
 Delta R.T. -0.012 min
 Lab File: BM041292.D
 Acq: 04 Aug 2023 13:42

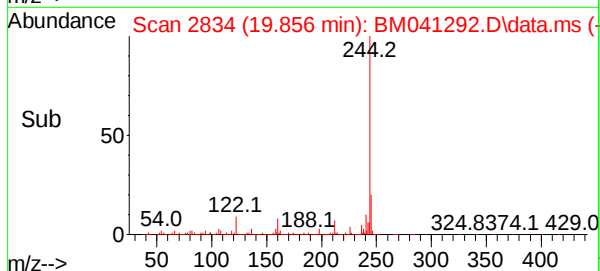
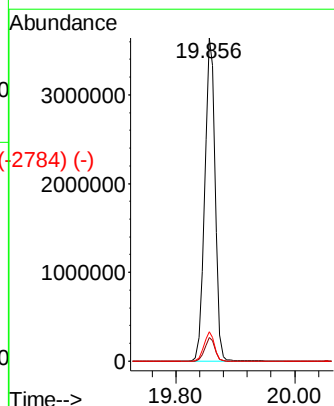
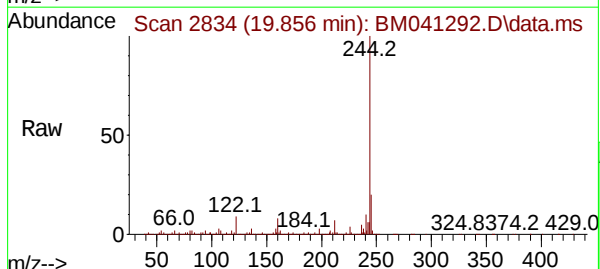
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Tgt Ion:	240	Resp:	846363
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	26.2	20.6	30.8



Terphenyl-d14
 Concen: 95.460 ng
 RT: 19.856 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BM041292.D
 Acq: 04 Aug 2023 13:42

Tgt Ion:	244	Resp:	4468544
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.2
122	9.0	7.8	11.6



Abundance Scan 3086 (21.339 min): BM041162.D\data.ms (-3086) (-)

Bis(2-ethylhexyl)phthalate

Concen: 2.676 ng

RT: 21.327 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM041292.D

Acq: 04 Aug 2023 13:42

Instrument :

BNA_M

ClientSampleId :

MCLEAN-TP6

Tgt Ion:149 Resp: 4961

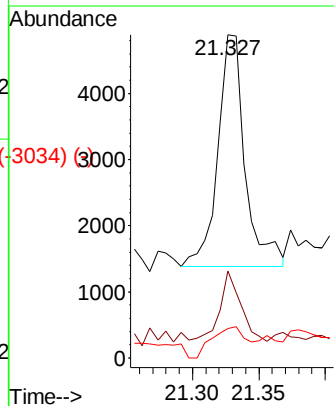
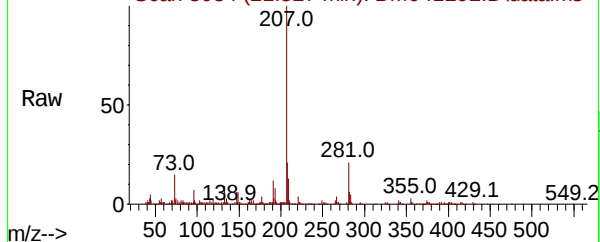
Ion Ratio Lower Upper

149 100

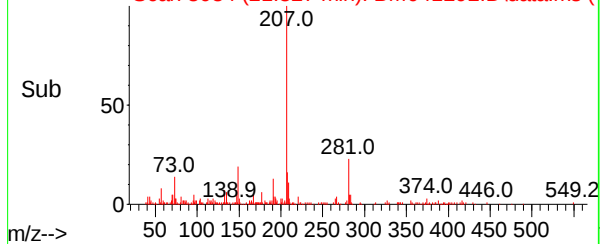
167 27.0 21.0 31.6

279 9.0 3.1 4.7#

Abundance Scan 3084 (21.327 min): BM041292.D\data.ms



Abundance Scan 3084 (21.327 min): BM041292.D\data.ms (-3034) (-)



Abundance Scan 3505 (23.803 min): BM041162.D\data.ms (-3505) (-)

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3504

Delta R.T. -0.006 min

Lab File: BM041292.D

Acq: 04 Aug 2023 13:42

Tgt Ion:264 Resp: 833008

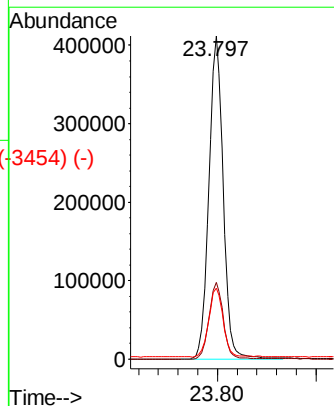
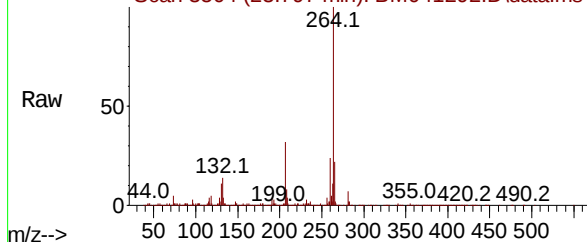
Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.0 17.4 26.0

Abundance Scan 3504 (23.797 min): BM041292.D\data.ms



Abundance Scan 3504 (23.797 min): BM041292.D\data.ms (-3454) (-)

