

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041294.D
 Acq On : 04 Aug 2023 14:55
 Operator : MA/JU
 Sample : 03887-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP9

Quant Time: Aug 04 16:14:09 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)

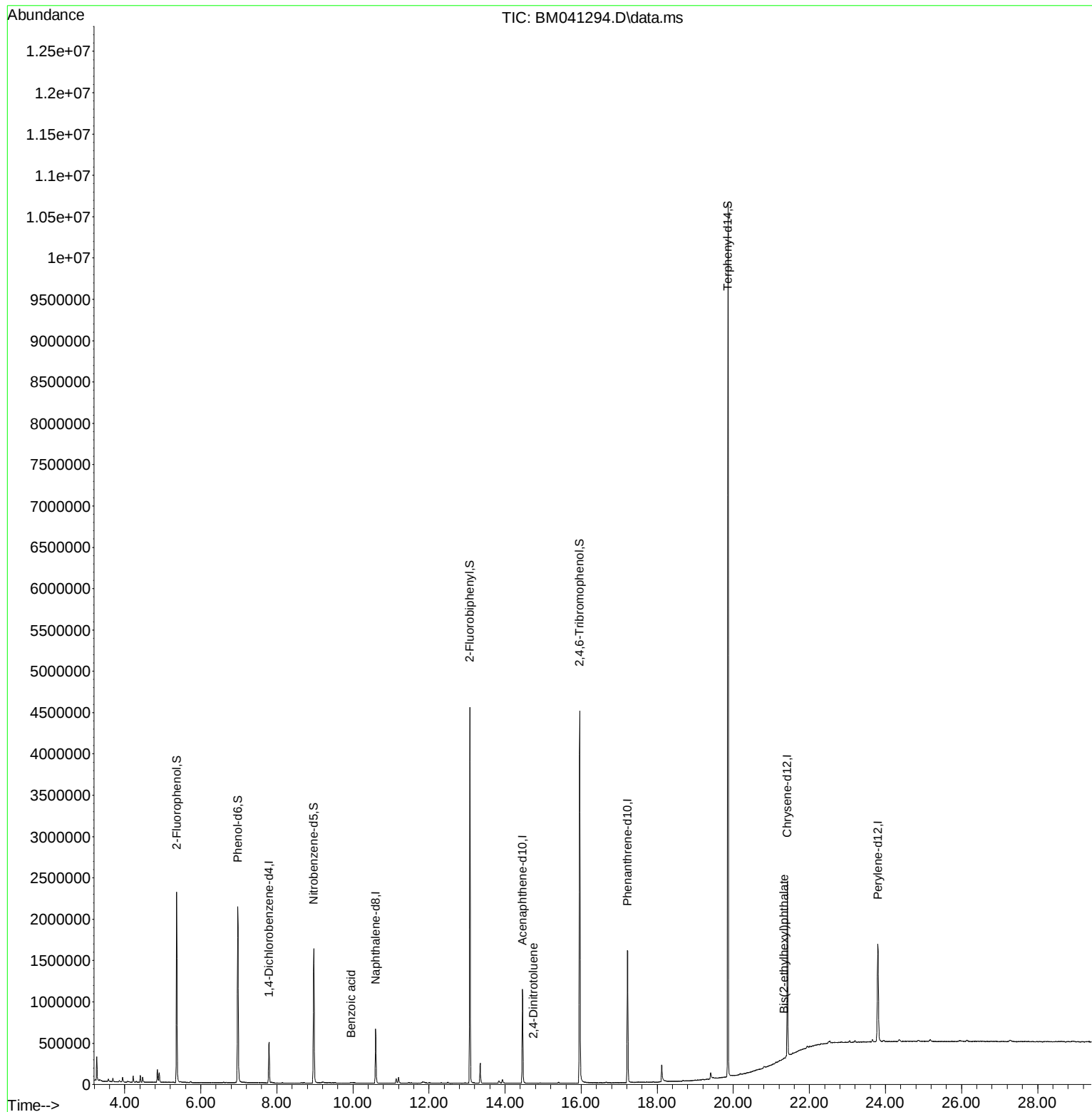
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	129530	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	536546	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	376979	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	999726	20.000	ng	0.00
76) Chrysene-d12	21.421	240	982874	20.000	ng	-0.01
86) Perylene-d12	23.797	264	949178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	983585	113.491	ng	0.00
7) Phenol-d6	6.975	99	1181572	105.178	ng	0.00
23) Nitrobenzene-d5	8.969	82	927016	80.348	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	836127	156.808	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2197365	73.633	ng	0.00
79) Terphenyl-d14	19.856	244	5253864	96.648	ng	0.00
Target Compounds						
32) Benzoic acid	9.951	122	4215	7.750	ng	# 83
57) 2,4-Dinitrotoluene	14.751	165	54	2.677	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.327	149	3635	2.626	ng	# 96

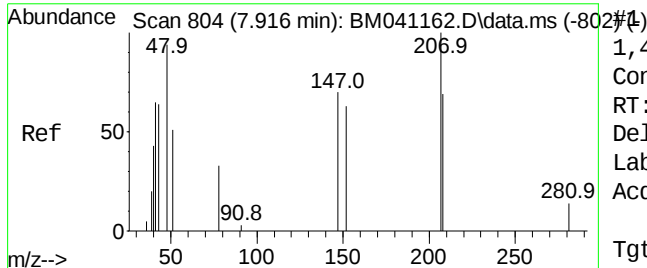
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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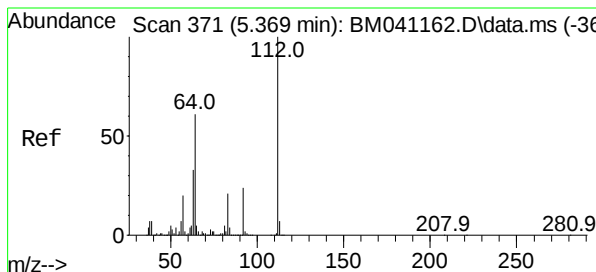
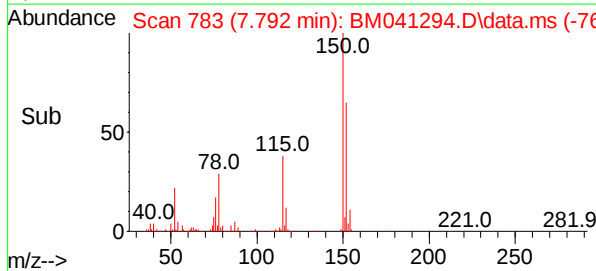
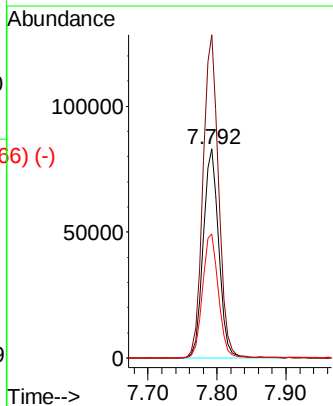
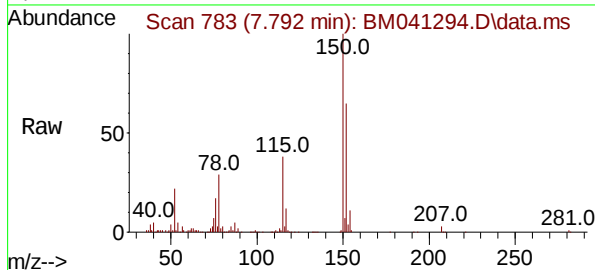




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan#
 Delta R.T. -0.001 min
 Lab File: BM041294.D
 Acq: 04 Aug 2023 14:55

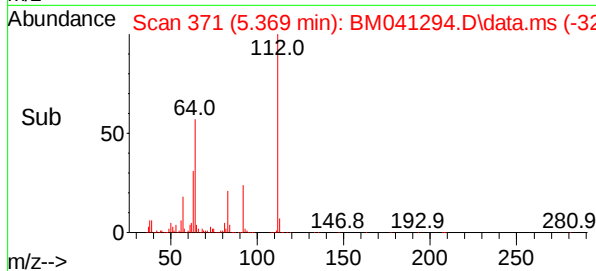
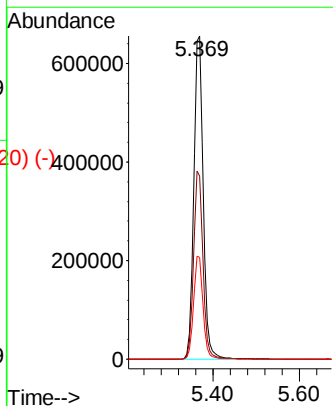
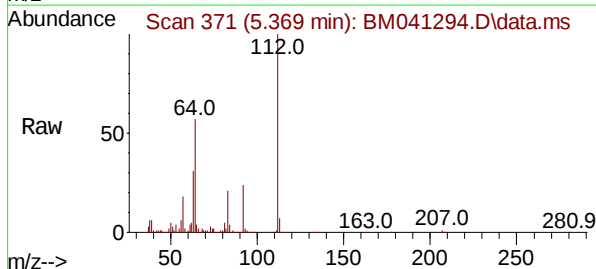
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 BNA_M
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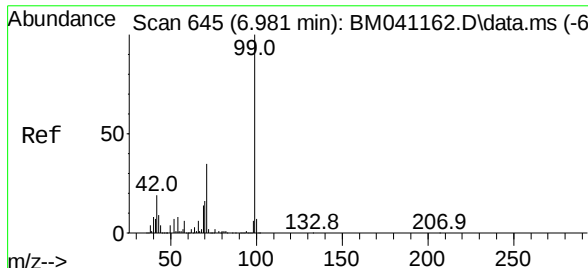
Tgt Ion:152 Resp: 129530
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.5 188.3
 115 59.3 48.0 72.0



2-Fluorophenol
 Concen: 113.491 ng
 RT: 5.369 min Scan# 371
 Delta R.T. -0.000 min
 Lab File: BM041294.D
 Acq: 04 Aug 2023 14:55

Tgt Ion:112 Resp: 983585
 Ion Ratio Lower Upper
 112 100
 64 56.6 48.5 72.7
 63 31.5 26.5 39.7



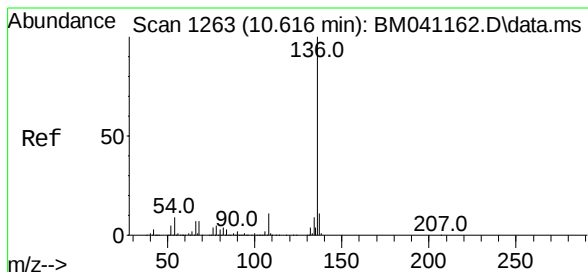
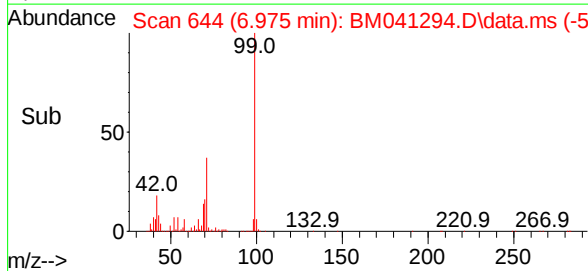
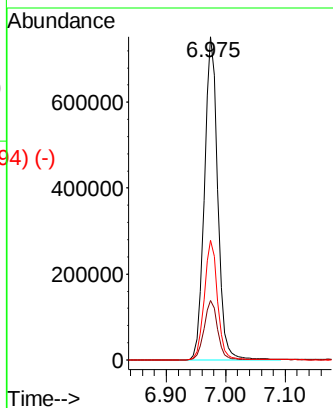
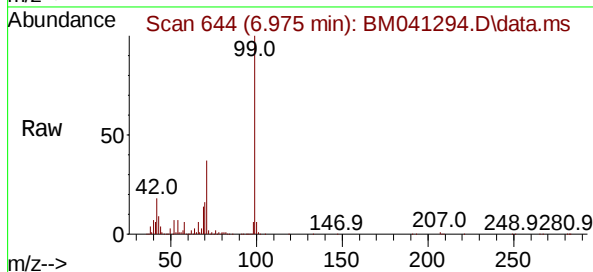


Phenol-d6
 Concen: 105.178 ng
 RT: 6.975 min Scan# 1181572
 Delta R.T. -0.006 min
 Lab File: BM041294.D
 Acq: 04 Aug 2023 14:55

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP9

Tgt Ion: 99 Resp: 1181572

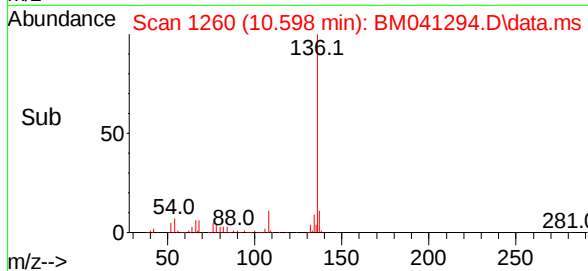
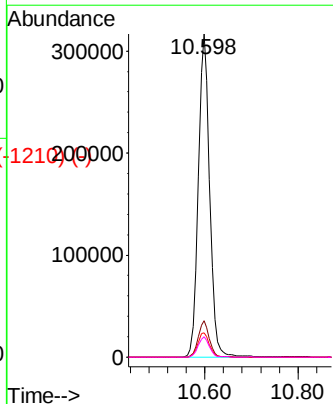
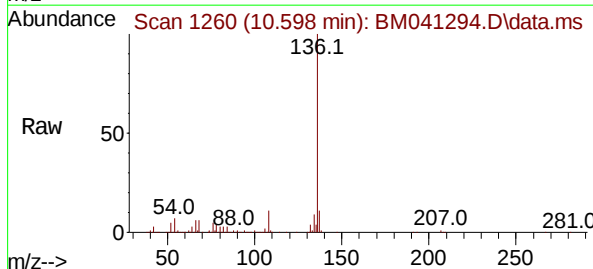
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.4	23.0
71	37.0	28.2	42.4

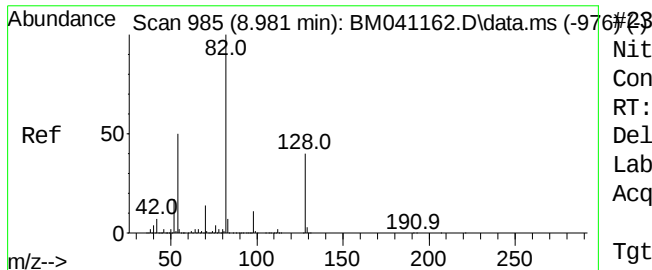


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.598 min Scan# 1260
 Delta R.T. -0.006 min
 Lab File: BM041294.D
 Acq: 04 Aug 2023 14:55

Tgt Ion: 136 Resp: 536546

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.5	6.9	10.3
68	6.3	5.4	8.2





Nitrobenzene-d5

Concen: 80.348 ng

RT: 8.969 min Scan# 927

Delta R.T. -0.006 min

Lab File: BM041294.D

Acq: 04 Aug 2023 14:55

Instrument :

BNA_M

ClientSampleId :

MCLEAN-TP9

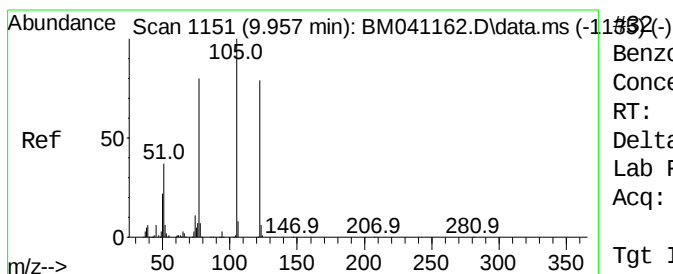
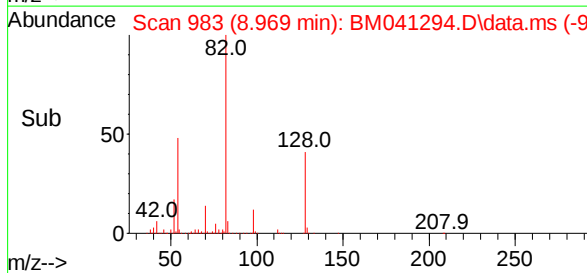
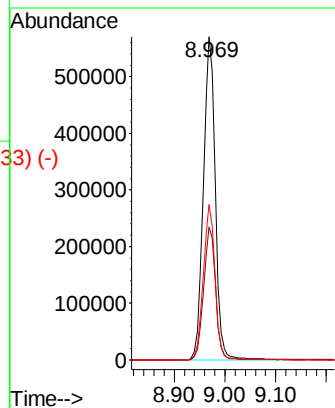
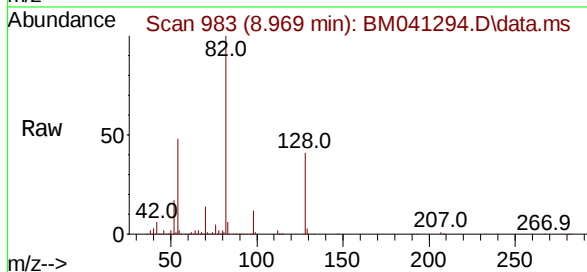
Tgt Ion: 82 Resp: 927016

Ion Ratio Lower Upper

82 100

128 41.3 31.8 47.6

54 48.0 40.1 60.1



Benzoic acid

Concen: 7.750 ng

RT: 9.951 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BM041294.D

Acq: 04 Aug 2023 14:55

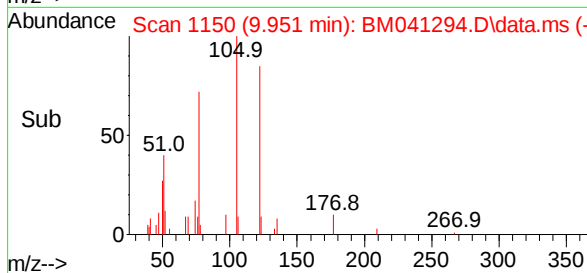
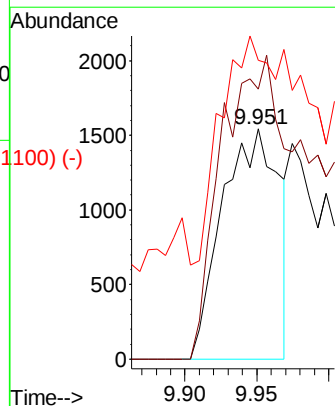
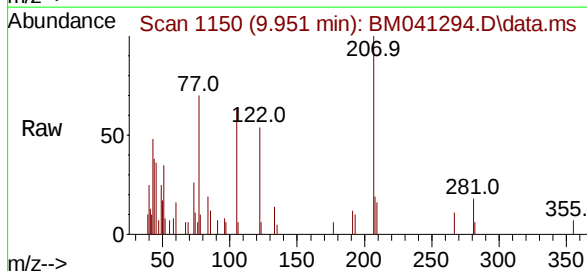
Tgt Ion: 122 Resp: 4215

Ion Ratio Lower Upper

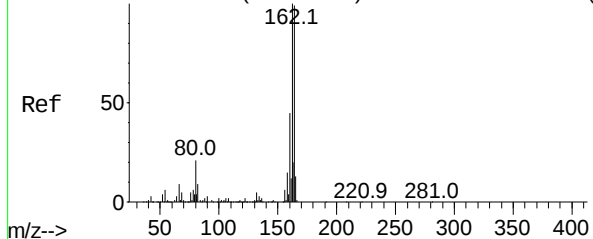
122 100

105 117.4 104.0 144.0

77 129.9 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#

Delta R.T. -0.006 min

Lab File: BM041294.D

Acq: 04 Aug 2023 14:55

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MCLEAN-TP9

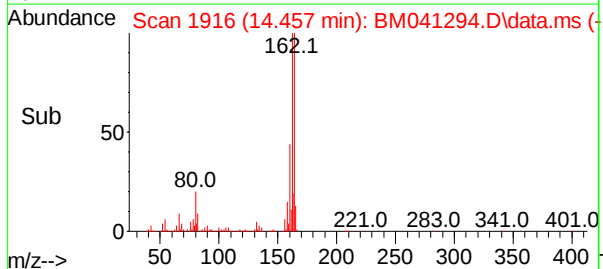
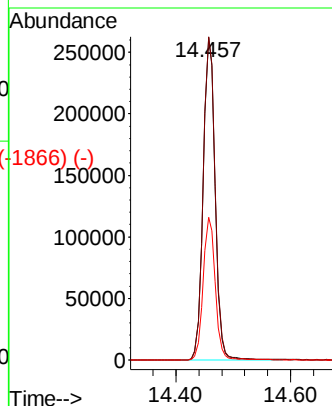
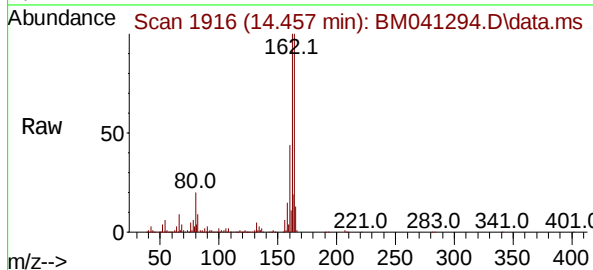
Tgt Ion:164 Resp: 376979

Ion Ratio Lower Upper

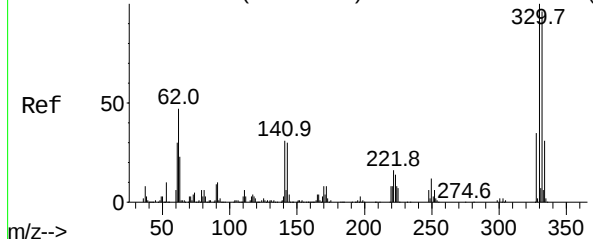
164 100

162 100.2 80.4 120.6

160 44.3 36.2 54.2



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



2,4,6-Tribromophenol

Concen: 156.808 ng

RT: 15.962 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM041294.D

Acq: 04 Aug 2023 14:55

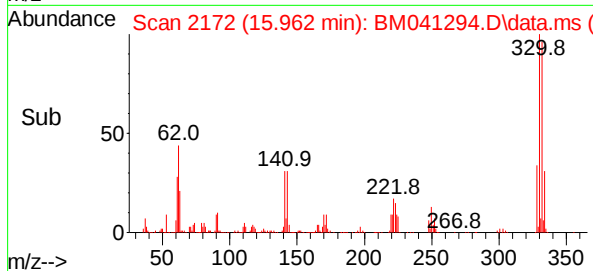
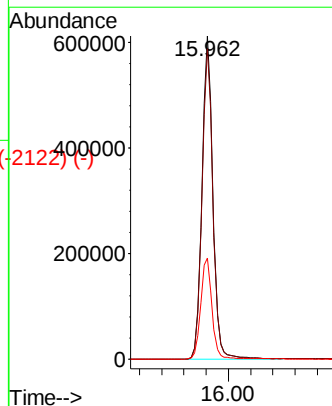
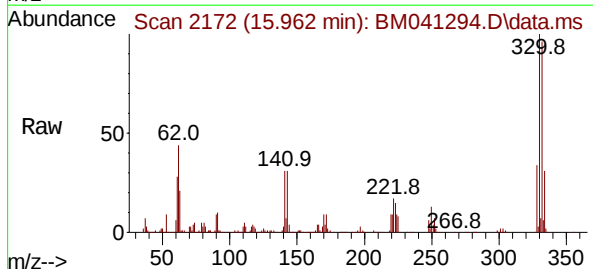
Tgt Ion:330 Resp: 836127

Ion Ratio Lower Upper

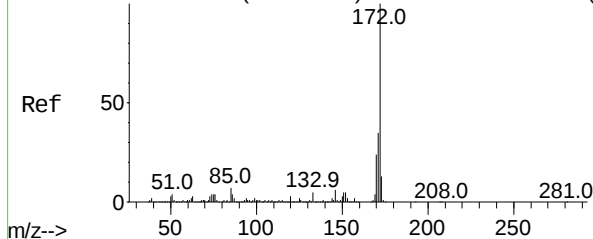
330 100

332 96.9 77.7 116.5

141 32.6 28.3 42.5



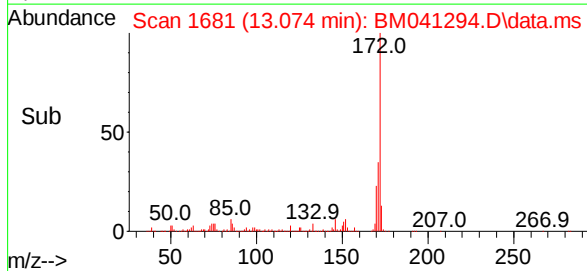
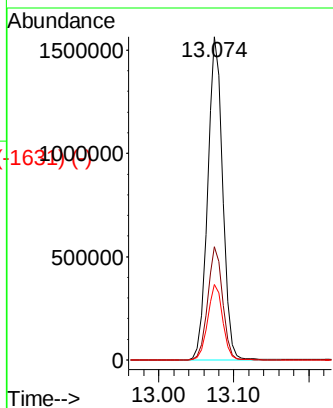
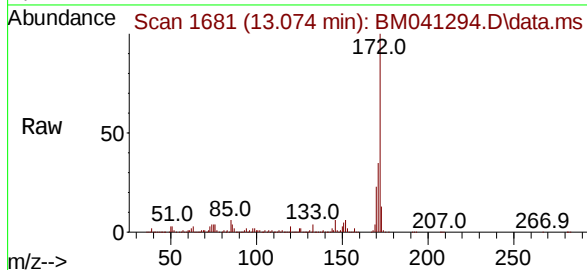
Abundance Scan 1684 (13.092 min): BM041162.D\data.ms (-1645) (-)



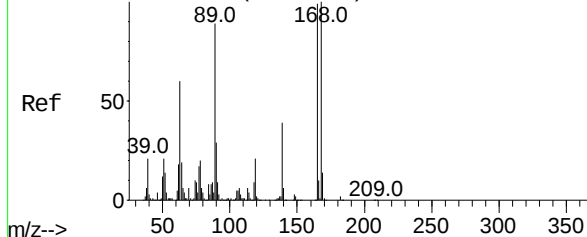
2-Fluorobiphenyl
Concen: 73.633 ng
RT: 13.074 min Scan# 1645
Delta R.T. -0.006 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

Instrument :
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ClientSampleId :
MCLEAN-TP9

Tgt Ion:	172	Resp:	2197365
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.4	18.9	28.3

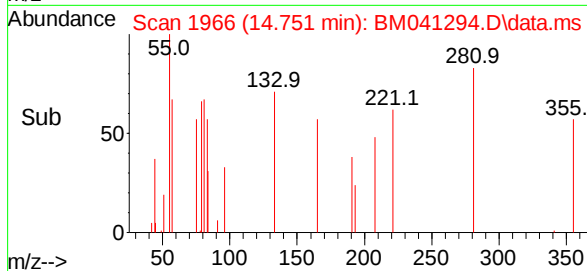
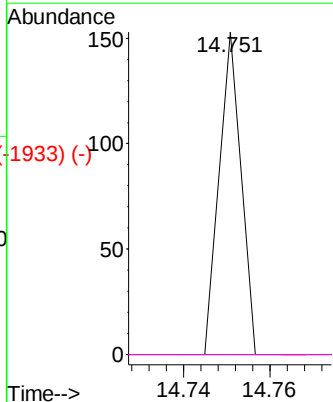
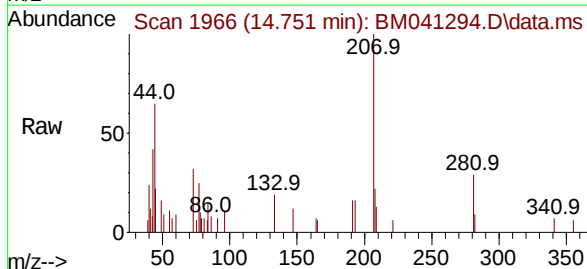


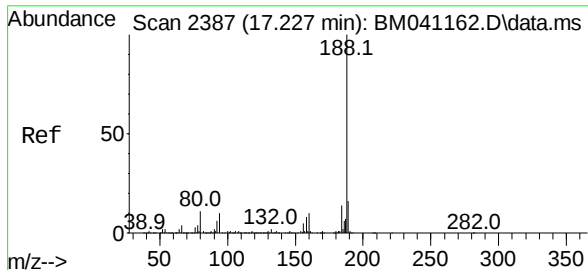
Abundance Scan 1984 (14.857 min): BM041162.D\data.ms (-1957) (-)



2,4-Dinitrotoluene
Concen: 2.677 ng
RT: 14.751 min Scan# 1966
Delta R.T. -0.106 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

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#

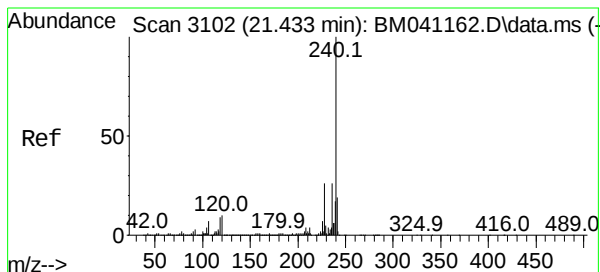
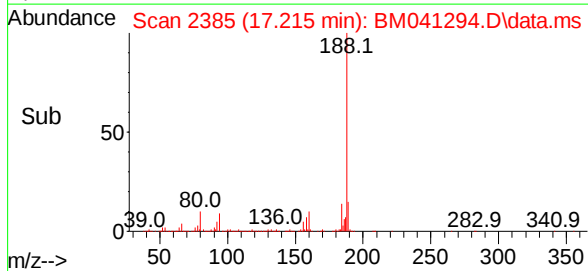
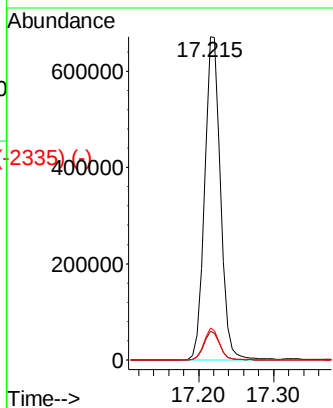
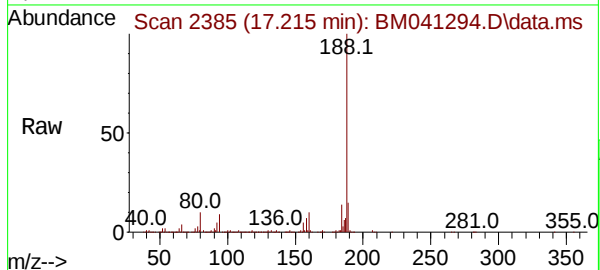




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.215 min Scan# 2385
 Delta R.T. -0.006 min
 Lab File: BM041294.D
 Acq: 04 Aug 2023 14:55

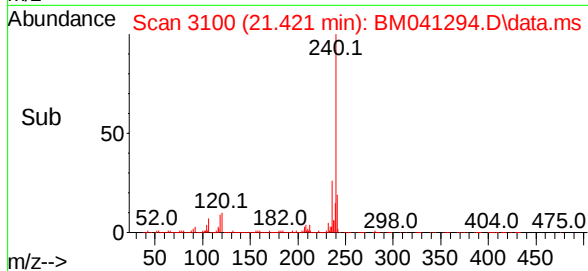
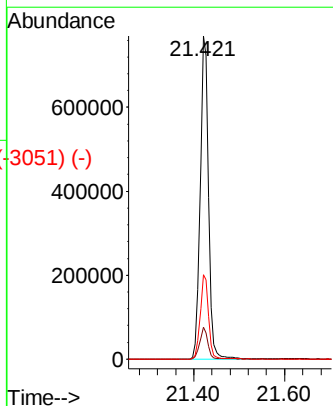
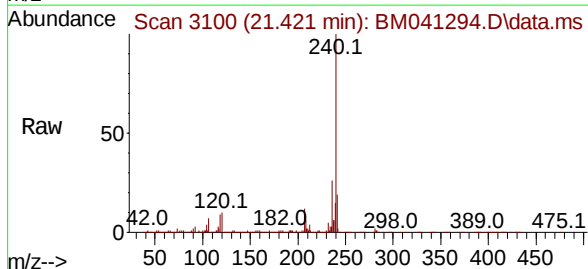
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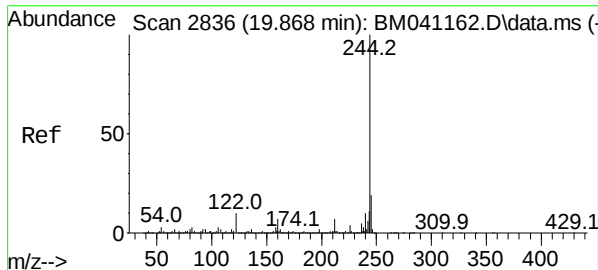
Tgt Ion:	188	Resp:	999726
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.8	8.6	13.0



Chrysene-d12
 Concen: 20.000 ng
 RT: 21.421 min Scan# 3100
 Delta R.T. -0.012 min
 Lab File: BM041294.D
 Acq: 04 Aug 2023 14:55

Tgt Ion:	240	Resp:	982874
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	26.0	20.6	30.8

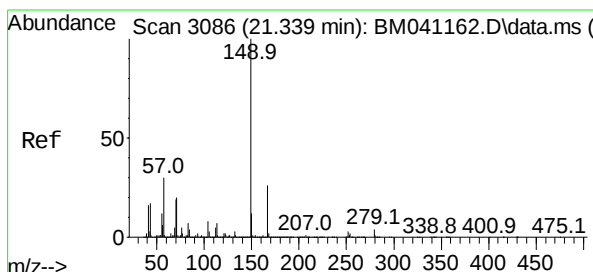
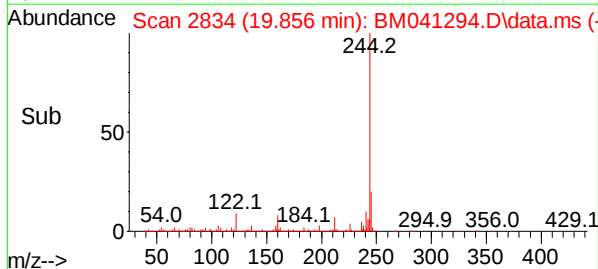
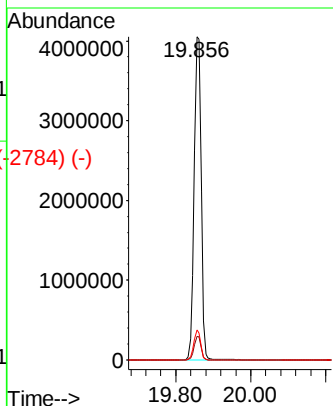
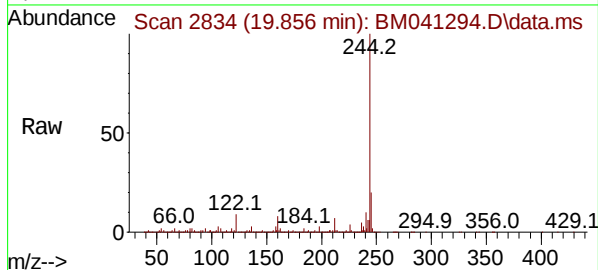




Terphenyl-d14
 Concen: 96.648 ng
 RT: 19.856 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BM041294.D
 Acq: 04 Aug 2023 14:55

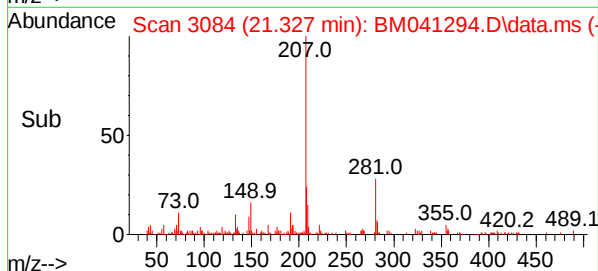
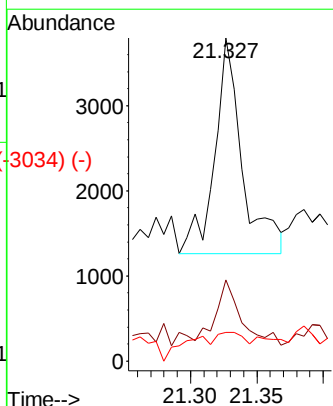
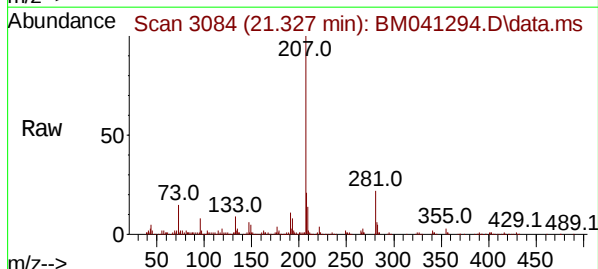
Instrument :
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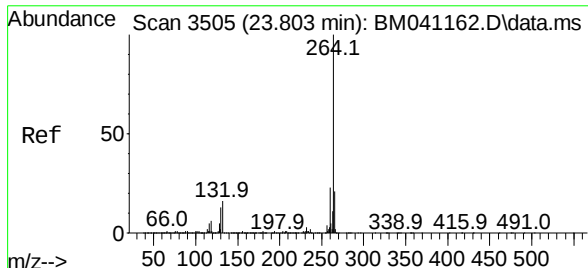
Tgt Ion:244 Resp: 5253864
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 9.3 7.8 11.6



Bis(2-ethylhexyl)phthalate
 Concen: 2.626 ng
 RT: 21.327 min Scan# 3084
 Delta R.T. -0.006 min
 Lab File: BM041294.D
 Acq: 04 Aug 2023 14:55

Tgt Ion:149 Resp: 3635
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.0 31.6
 279 9.0 3.1 4.7#





Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3485
 Delta R.T. -0.006 min
 Lab File: BM041294.D
 Acq: 04 Aug 2023 14:55

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP9

Tgt Ion:	264	Resp:	949178
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.3	17.4	26.0

