

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041290.D
 Acq On : 04 Aug 2023 12:28
 Operator : MA/JU
 Sample : 03877-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

Quant Time: Aug 04 16:13:53 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)

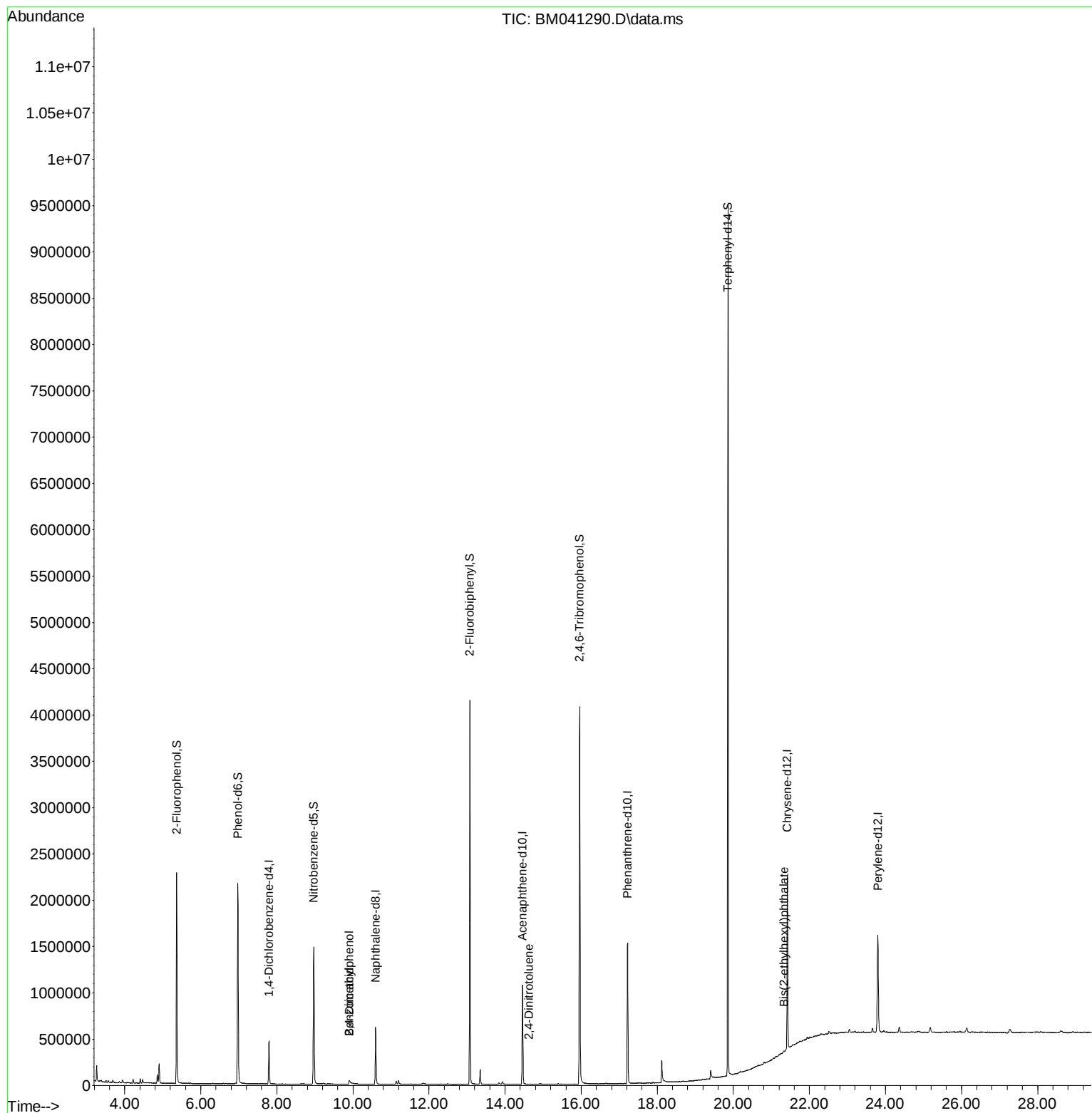
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	122374	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	504873	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	354168	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	925326	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	863521	20.000	ng	-0.01
86) Perylene-d12	23.797	264	826853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	953077	116.402	ng	0.00
7) Phenol-d6	6.975	99	1180555	111.233	ng	0.00
23) Nitrobenzene-d5	8.969	82	858739	79.100	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	779129	155.530	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2045601	72.963	ng	0.00
79) Terphenyl-d14	19.862	244	4654232	97.451	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.898	122	28087	3.719	ng	# 2
32) Benzoic acid	9.898	122	28087	11.369	ng	91
57) 2,4-Dinitrotoluene	14.633	165	61	2.678	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.327	149	2825	2.616	ng	# 94

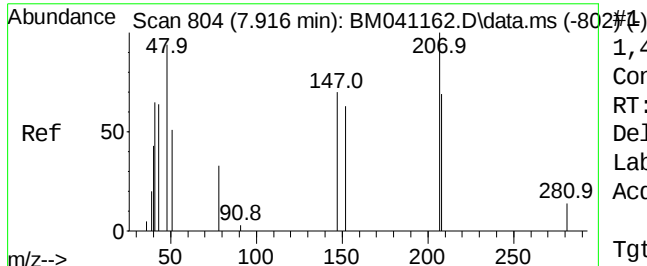
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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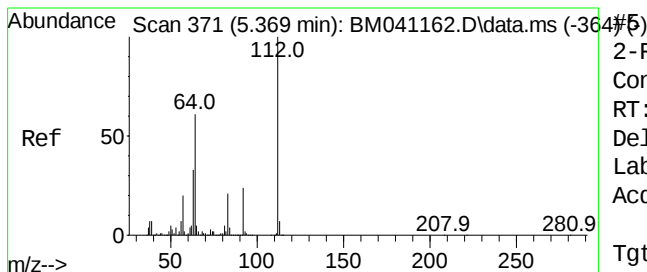
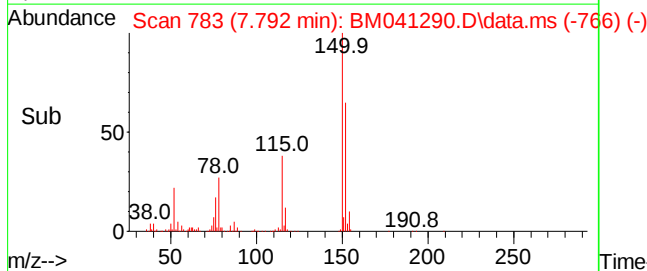
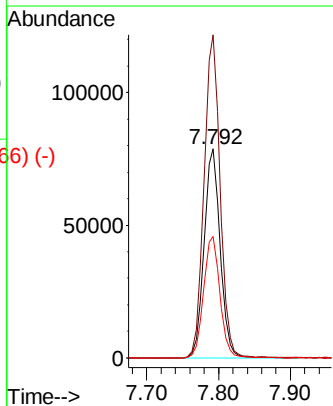
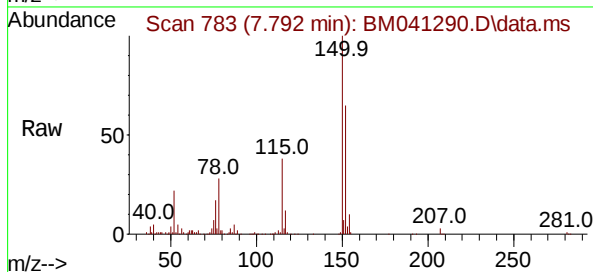




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan#
 Delta R.T. -0.001 min
 Lab File: BM041290.D
 Acq: 04 Aug 2023 12:28

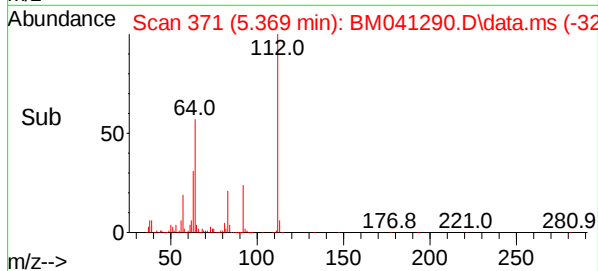
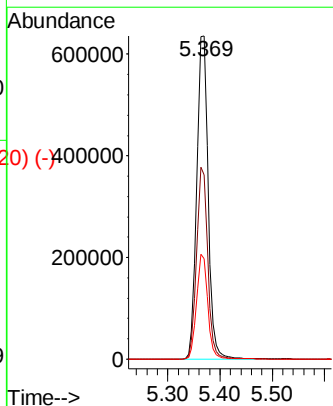
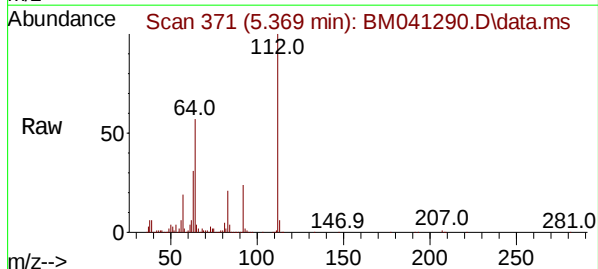
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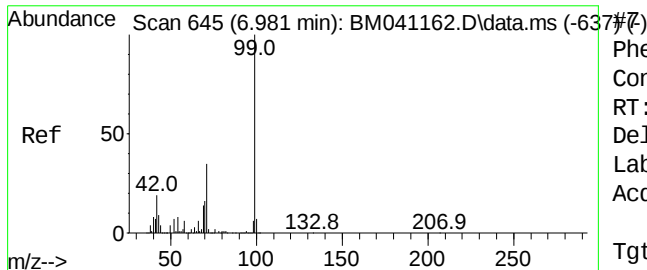
Tgt Ion:152 Resp: 122374
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.5 188.3
 115 58.0 48.0 72.0



2-Fluorophenol
 Concen: 116.402 ng
 RT: 5.369 min Scan# 371
 Delta R.T. -0.000 min
 Lab File: BM041290.D
 Acq: 04 Aug 2023 12:28

Tgt Ion:112 Resp: 953077
 Ion Ratio Lower Upper
 112 100
 64 57.1 48.5 72.7
 63 31.1 26.5 39.7





Phenol-d6

Concen: 111.233 ng

RT: 6.975 min Scan#

Delta R.T. -0.006 min

Lab File: BM041290.D

Acq: 04 Aug 2023 12:28

Instrument :

BNA_M

ClientSampleId :

COMP-2

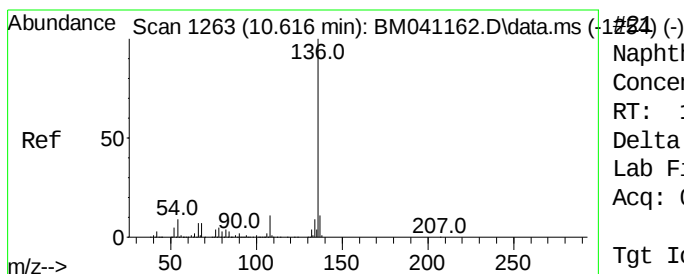
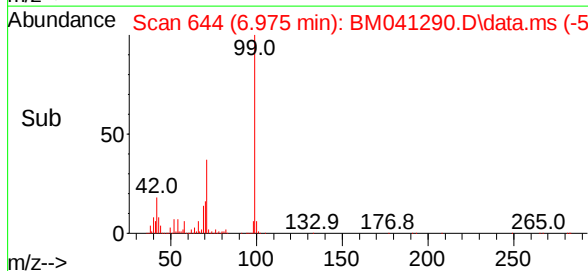
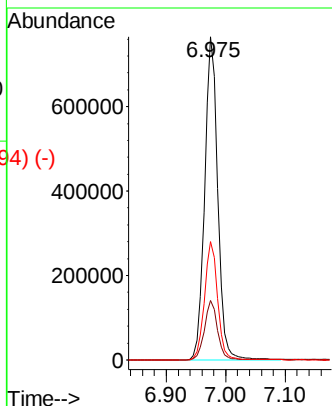
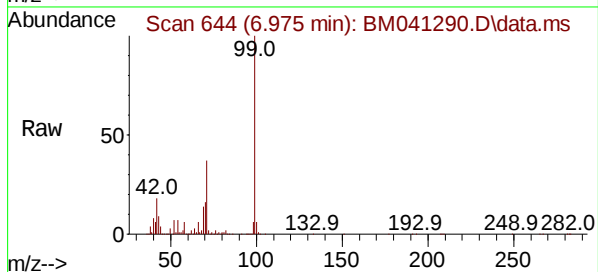
Tgt Ion: 99 Resp: 1180555

Ion Ratio Lower Upper

99 100

42 18.4 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: BM041290.D

Acq: 04 Aug 2023 12:28

Tgt Ion: 136 Resp: 504873

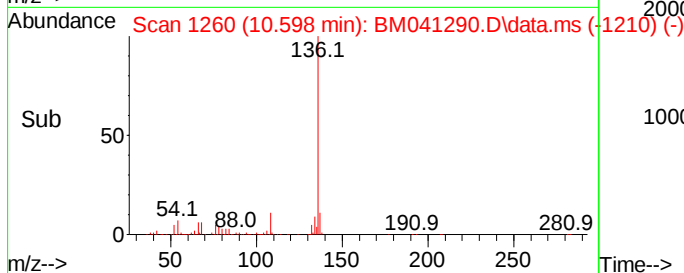
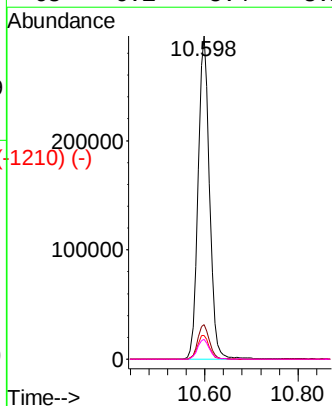
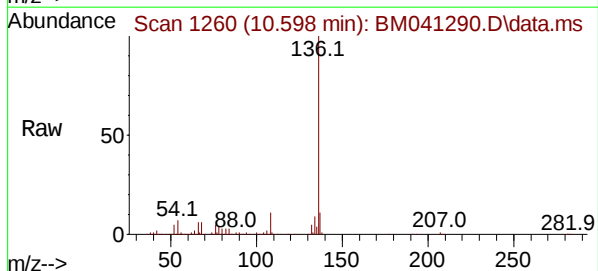
Ion Ratio Lower Upper

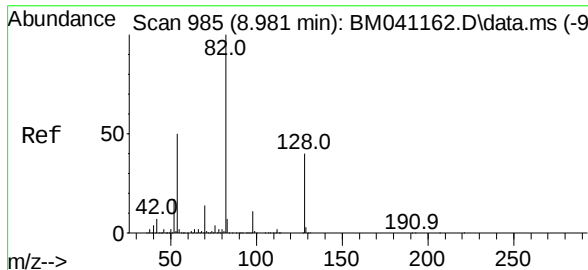
136 100

137 10.7 8.8 13.2

54 7.4 6.9 10.3

68 6.1 5.4 8.2

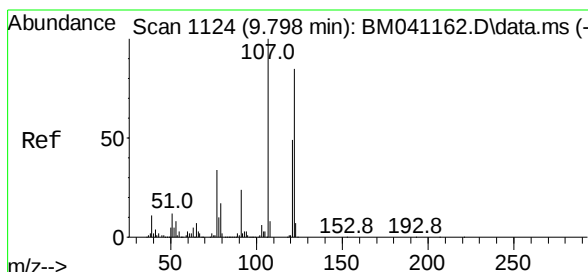
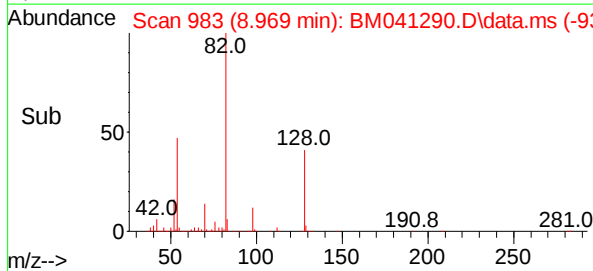
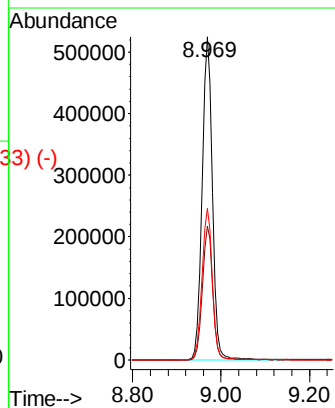
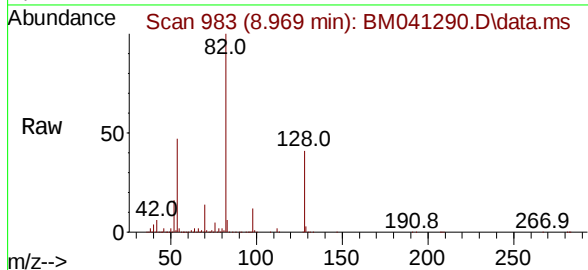




Nitrobenzene-d5
 Concen: 79.100 ng
 RT: 8.969 min Scan# 1141
 Delta R.T. -0.006 min
 Lab File: BM041290.D
 Acq: 04 Aug 2023 12:28

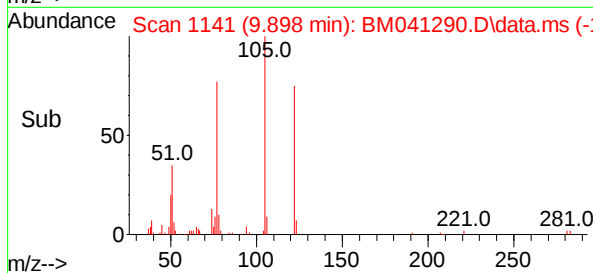
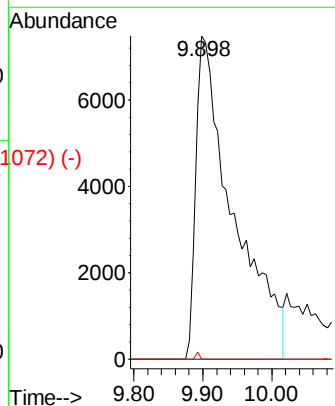
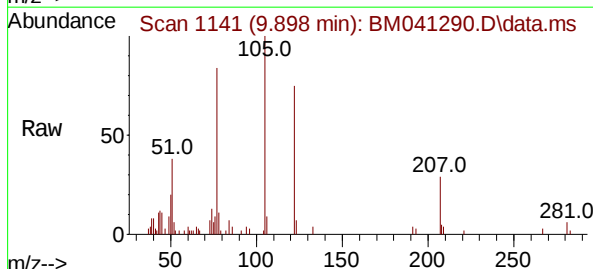
Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

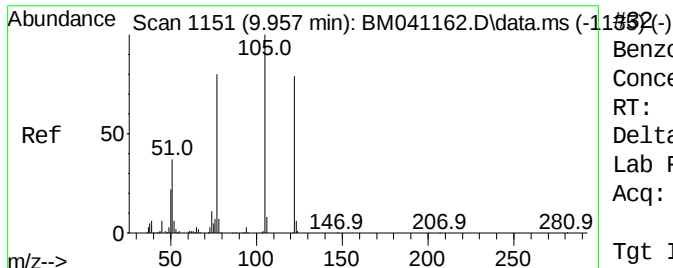
Tgt Ion:	82	Resp:	858739
Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.8	47.6
54	46.8	40.1	60.1



2,4-Dimethylphenol
 Concen: 3.719 ng
 RT: 9.898 min Scan# 1141
 Delta R.T. 0.106 min
 Lab File: BM041290.D
 Acq: 04 Aug 2023 12:28

Tgt Ion:	122	Resp:	28087
Ion	Ratio	Lower	Upper
122	100		
107	0.0	94.3	141.5#
121	0.0	45.8	68.8#

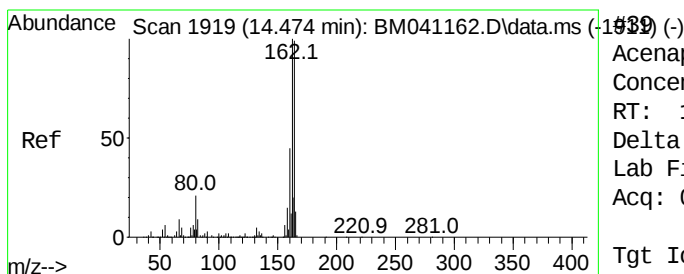
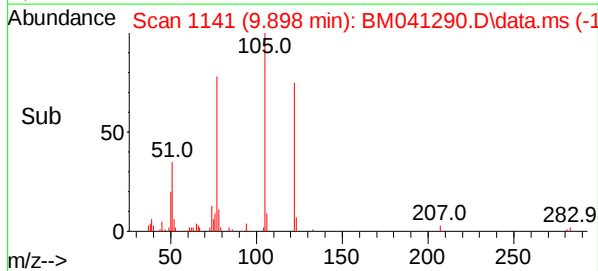
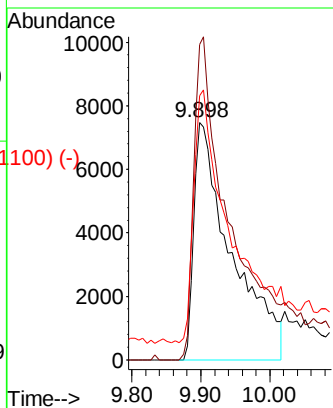
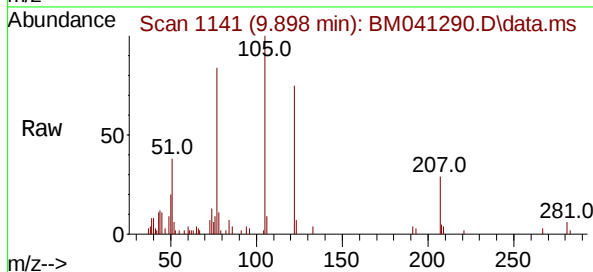




Benzoic acid
 Concen: 11.369 ng
 RT: 9.898 min Scan# 1151
 Delta R.T. -0.059 min
 Lab File: BM041290.D
 Acq: 04 Aug 2023 12:28

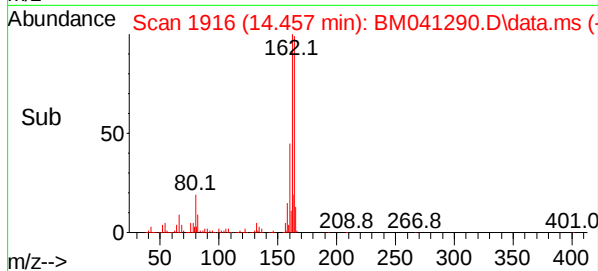
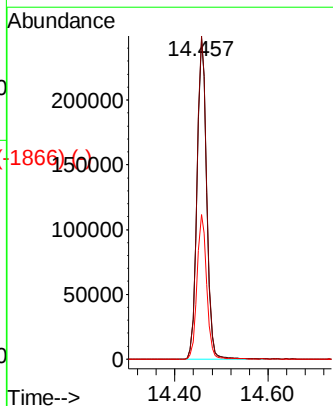
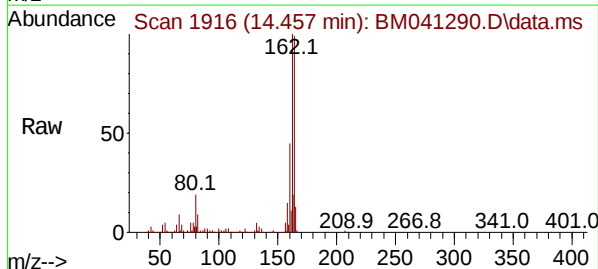
Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

Tgt Ion:	122	Resp:	28087
Ion	Ratio	Lower	Upper
122	100		
105	132.6	104.0	144.0
77	111.1	79.9	119.9



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.457 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BM041290.D
 Acq: 04 Aug 2023 12:28

Tgt Ion:	164	Resp:	354168
Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.4	120.6
160	45.1	36.2	54.2



Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-2162) (-)

2,4,6-Tribromophenol

Concen: 155.530 ng

RT: 15.962 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BM041290.D

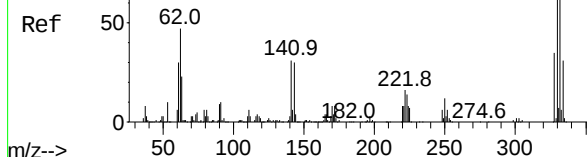
Acq: 04 Aug 2023 12:28

Instrument :

BNA_M

ClientSampleId :

COMP-2



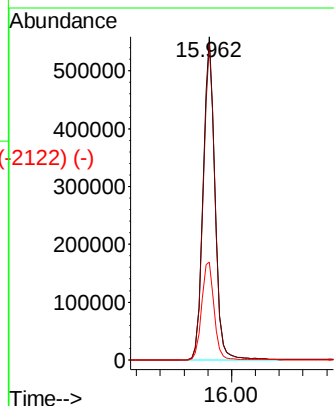
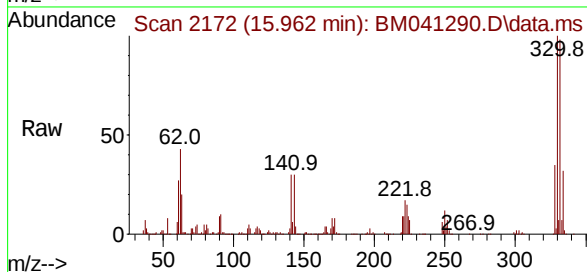
Tgt Ion:330 Resp: 779129

Ion Ratio Lower Upper

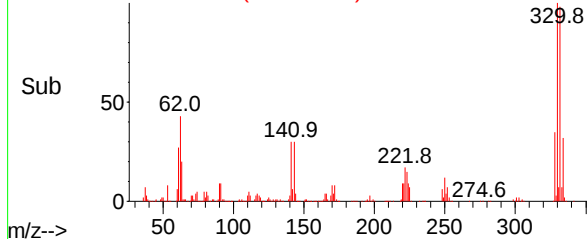
330 100

332 97.8 77.7 116.5

141 32.4 28.3 42.5



Abundance Scan 2172 (15.962 min): BM041290.D\data.ms (-2122) (-)



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

2-Fluorobiphenyl

Concen: 72.963 ng

RT: 13.074 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM041290.D

Acq: 04 Aug 2023 12:28

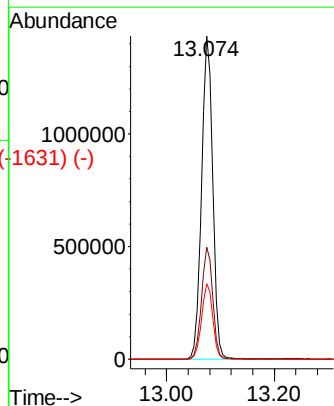
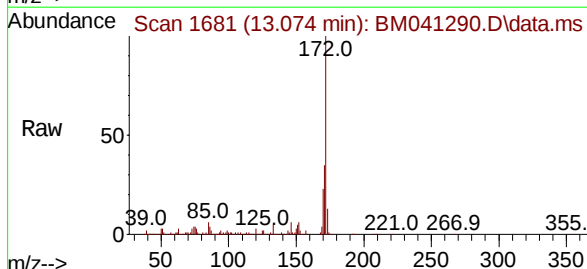
Tgt Ion:172 Resp: 2045601

Ion Ratio Lower Upper

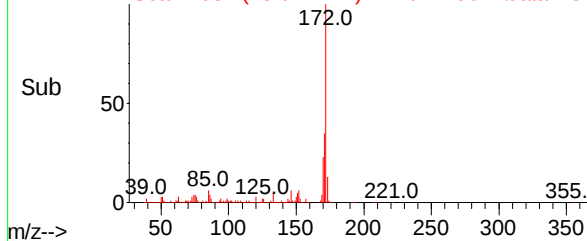
172 100

171 34.6 28.1 42.1

170 23.3 18.9 28.3



Abundance Scan 1681 (13.074 min): BM041290.D\data.ms (-1631) (-)



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

2,4-Dinitrotoluene

Concen: 2.678 ng

RT: 14.633 min Scan#

Delta R.T. -0.224 min

Lab File: BM041290.D

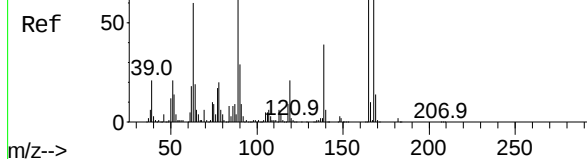
Acq: 04 Aug 2023 12:28

Instrument :

BNA_M

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COMP-2



Tgt Ion:165 Resp: 61

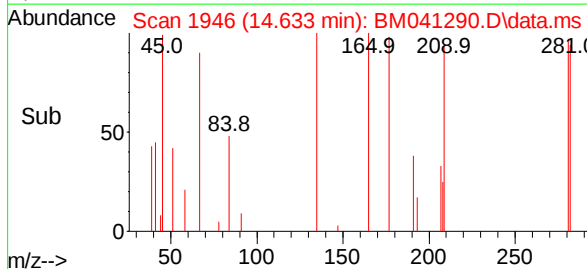
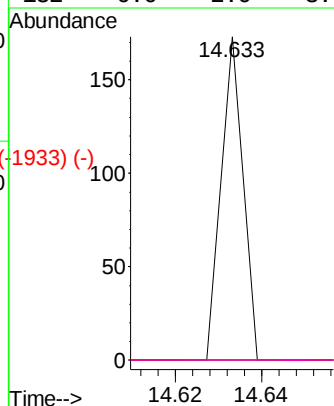
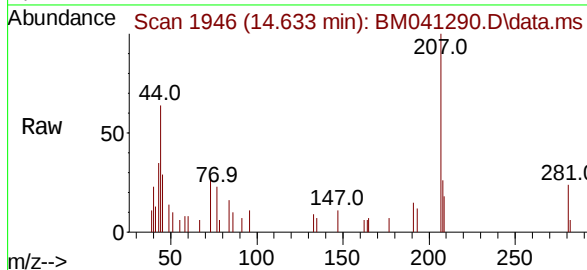
Ion Ratio Lower Upper

165 100

63 0.0 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#



Abundance Scan 2387 (17.227 min): BM041162.D\data.ms (-2386) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM041290.D

Acq: 04 Aug 2023 12:28

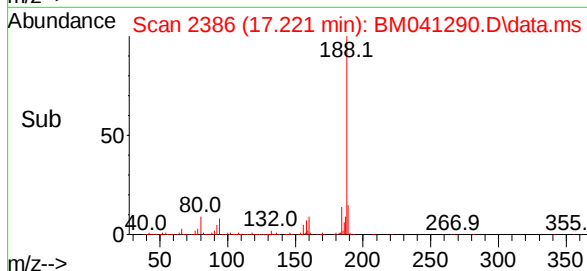
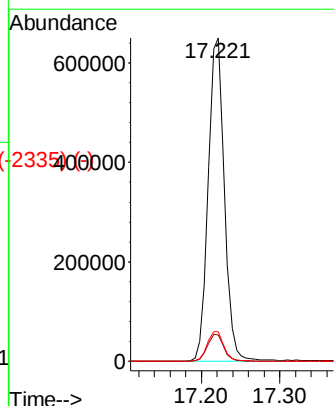
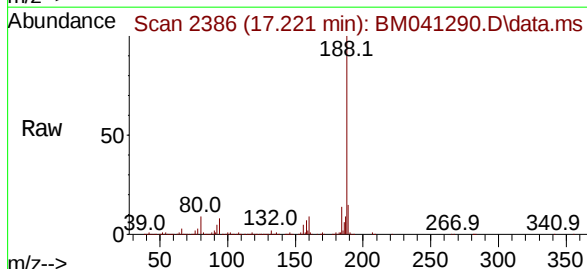
Tgt Ion:188 Resp: 925326

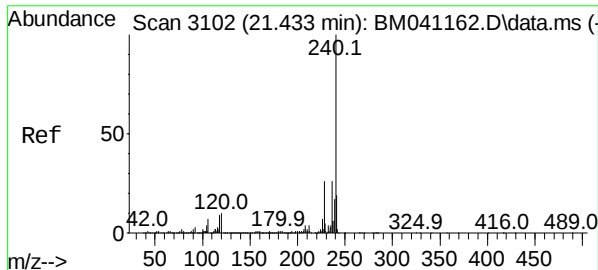
Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

80 9.0 8.6 13.0

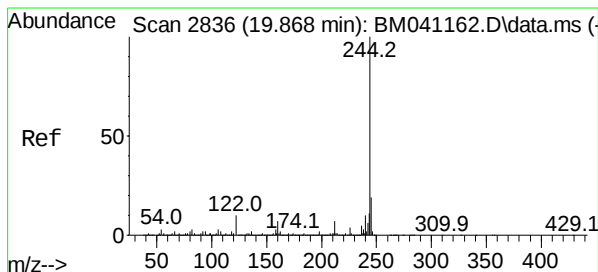
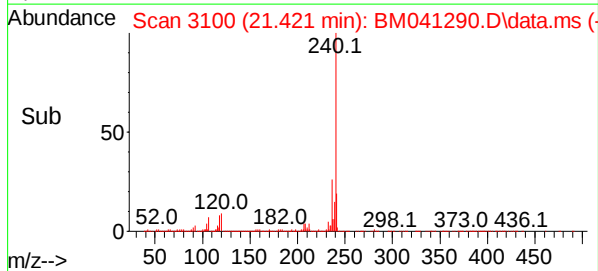
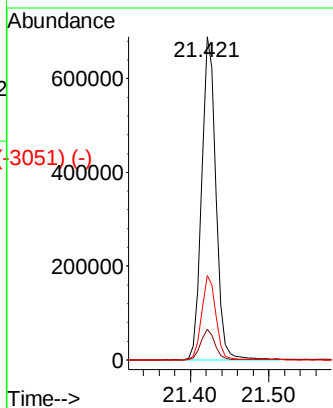
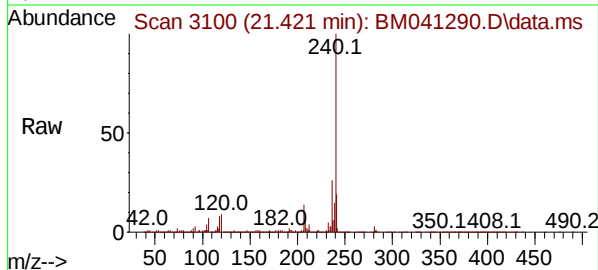




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.421 min Scan# 3102
 Delta R.T. -0.012 min
 Lab File: BM041290.D
 Acq: 04 Aug 2023 12:28

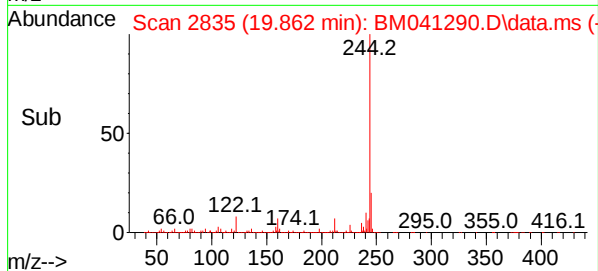
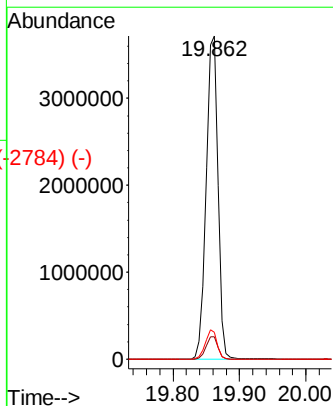
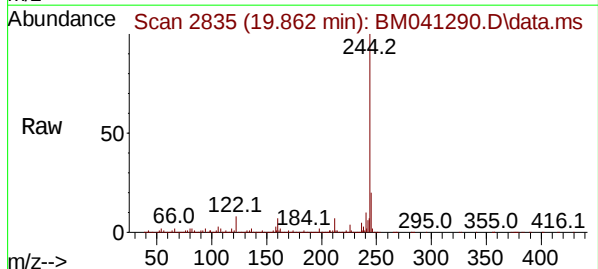
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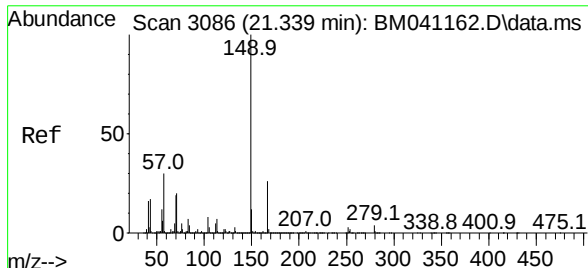
Tgt Ion:	240	Resp:	863521
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	26.2	20.6	30.8



Terphenyl-d14
 Concen: 97.451 ng
 RT: 19.862 min Scan# 2835
 Delta R.T. -0.000 min
 Lab File: BM041290.D
 Acq: 04 Aug 2023 12:28

Tgt Ion:	244	Resp:	4654232
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	8.3	7.8	11.6

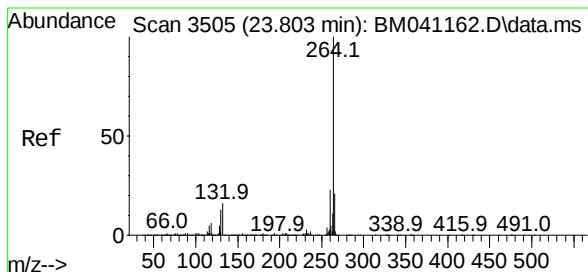
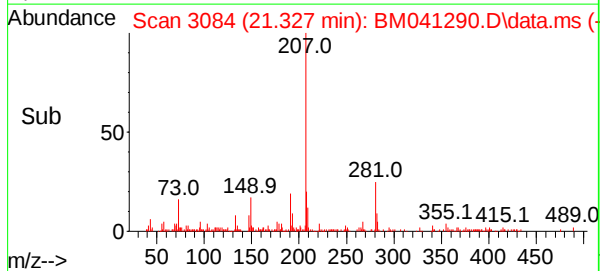
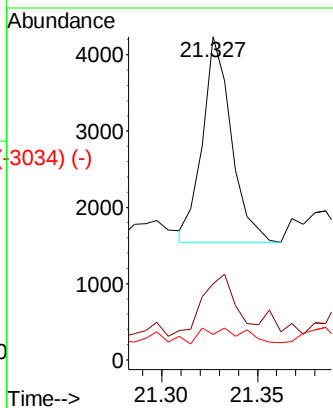
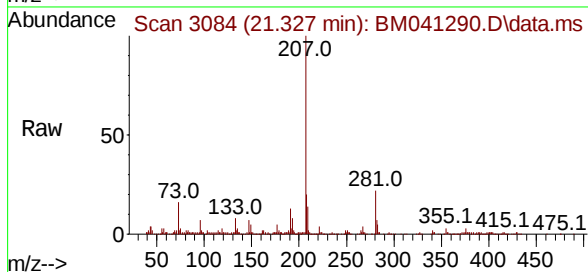




Bis(2-ethylhexyl)phthalate
 Concen: 2.616 ng
 RT: 21.327 min Scan# 3084
 Delta R.T. -0.006 min
 Lab File: BM041290.D
 Acq: 04 Aug 2023 12:28

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

Tgt Ion:	149	Resp:	2825
Ion	Ratio	Lower	Upper
149	100		
167	23.6	21.0	31.6
279	8.0	3.1	4.7#



Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3504
 Delta R.T. -0.006 min
 Lab File: BM041290.D
 Acq: 04 Aug 2023 12:28

Tgt Ion:	264	Resp:	826853
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.6	17.4	26.0

