

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041289.D
 Acq On : 04 Aug 2023 11:51
 Operator : MA/JU
 Sample : 03877-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

Quant Time: Aug 04 16:13:48 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)

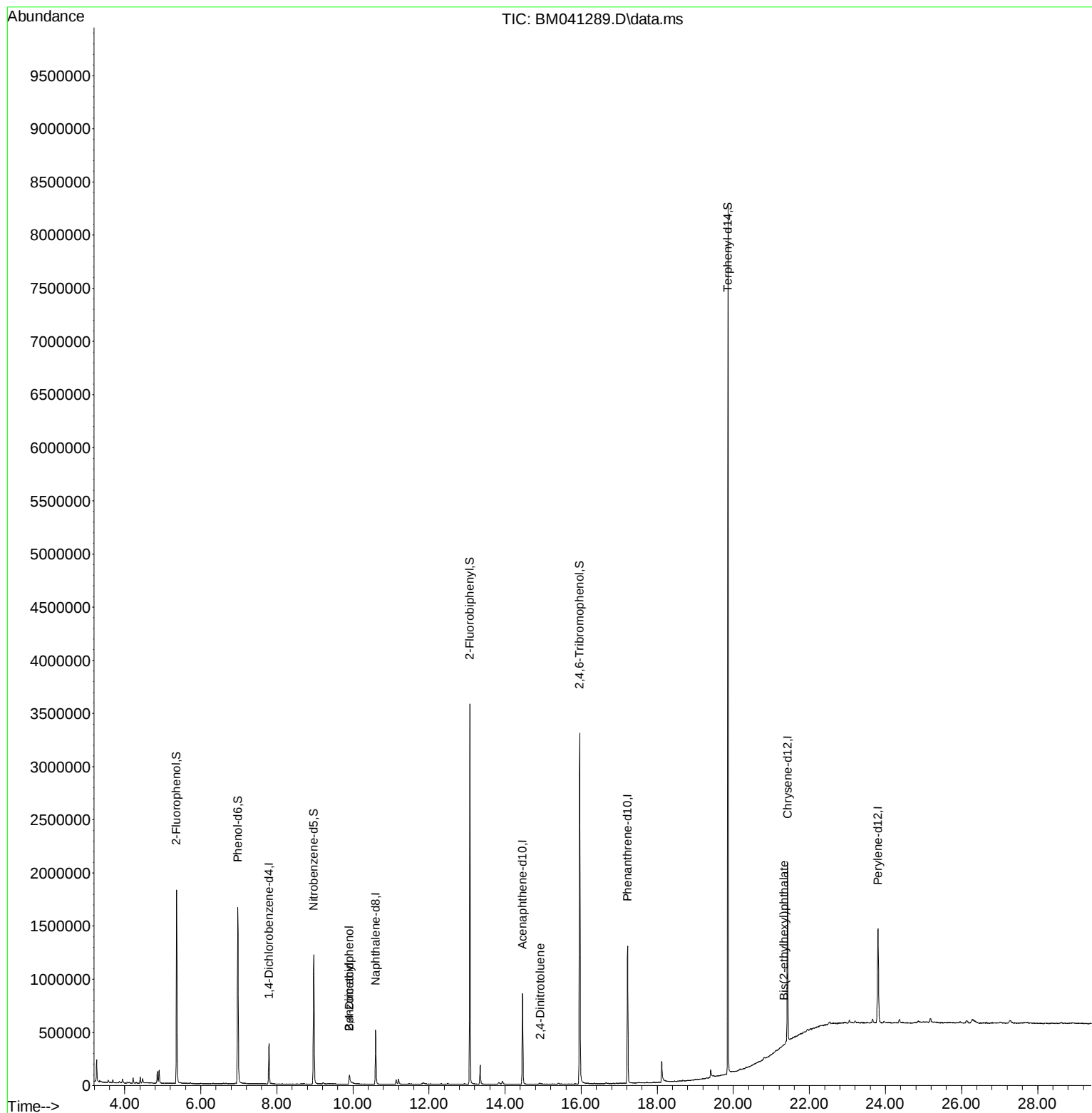
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	100392	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	412351	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	285878	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	765839	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	752154	20.000	ng	0.00
86) Perylene-d12	23.797	264	715816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	764871	113.870	ng	0.00
7) Phenol-d6	6.975	99	921160	105.797	ng	0.00
23) Nitrobenzene-d5	8.969	82	704370	79.438	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	638681	157.949	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	1711044	75.608	ng	0.00
79) Terphenyl-d14	19.862	244	4065824	97.736	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.904	122	48276	7.826	ng	# 3
32) Benzoic acid	9.904	122	49397	16.229	ng	90
57) 2,4-Dinitrotoluene	14.927	165	63	2.680	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.327	149	3116	2.636	ng	# 94

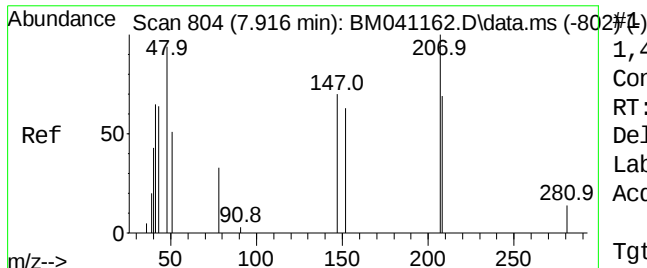
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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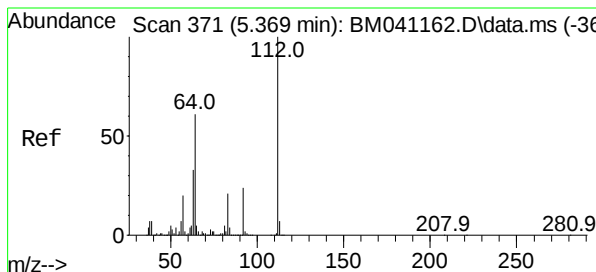
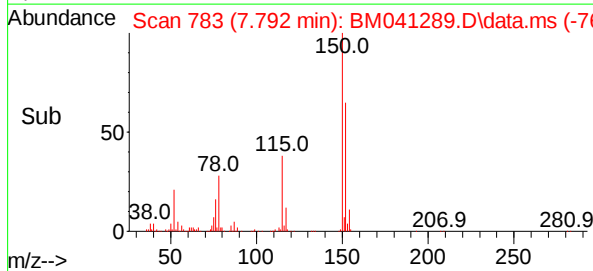
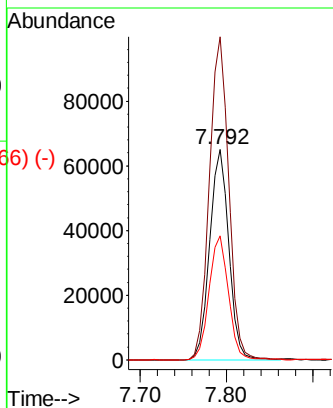
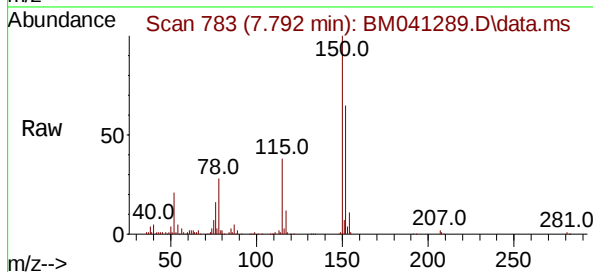




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan#
 Delta R.T. -0.001 min
 Lab File: BM041289.D
 Acq: 04 Aug 2023 11:51

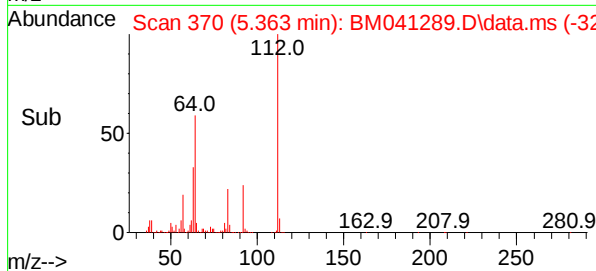
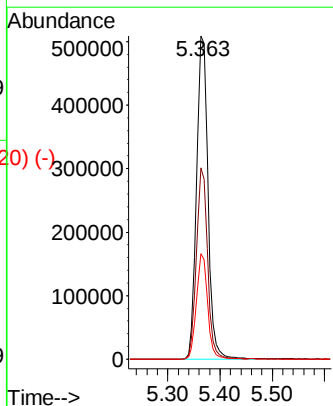
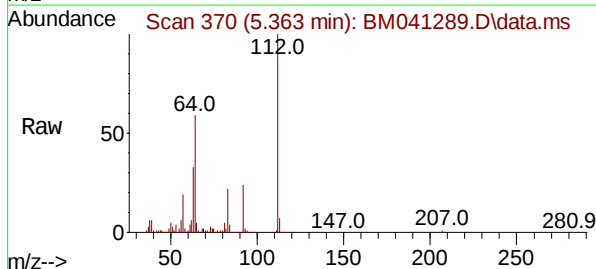
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

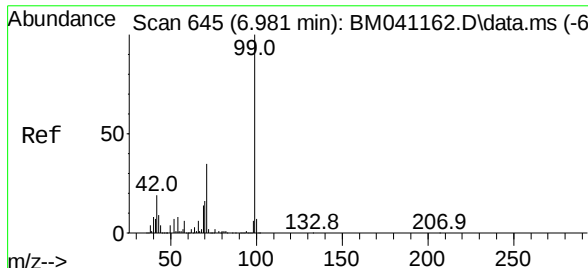
Tgt Ion:152 Resp: 100392
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.5 188.3
 115 58.9 48.0 72.0



2-Fluorophenol
 Concen: 113.870 ng
 RT: 5.363 min Scan# 370
 Delta R.T. -0.006 min
 Lab File: BM041289.D
 Acq: 04 Aug 2023 11:51

Tgt Ion:112 Resp: 764871
 Ion Ratio Lower Upper
 112 100
 64 59.1 48.5 72.7
 63 32.7 26.5 39.7

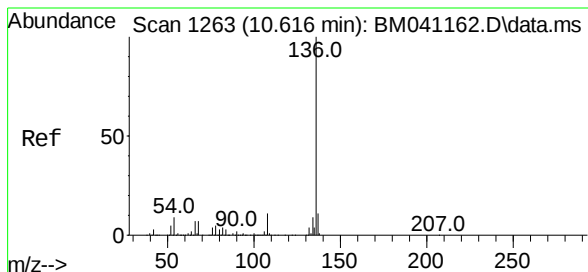
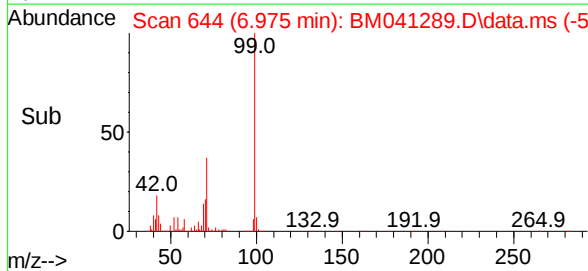
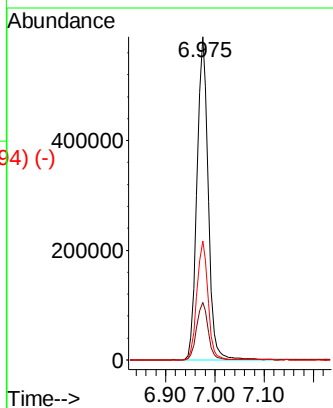
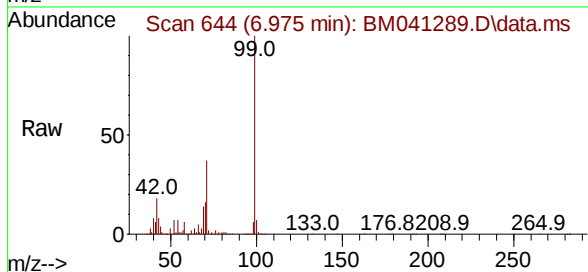




Phenol-d6
 Concen: 105.797 ng
 RT: 6.975 min Scan# 644
 Delta R.T. -0.006 min
 Lab File: BM041289.D
 Acq: 04 Aug 2023 11:51

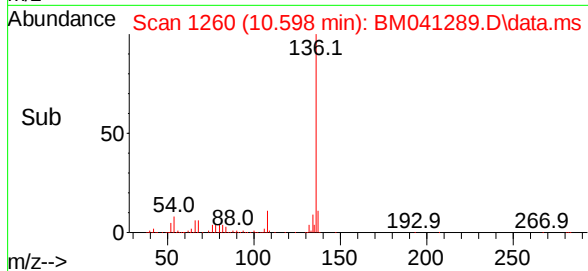
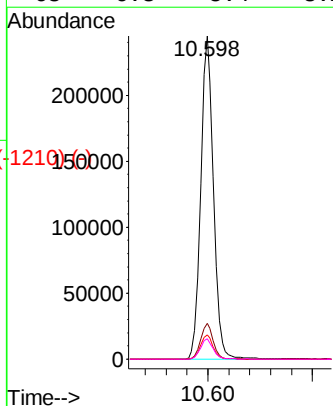
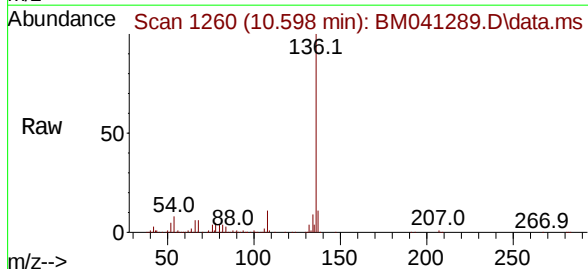
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

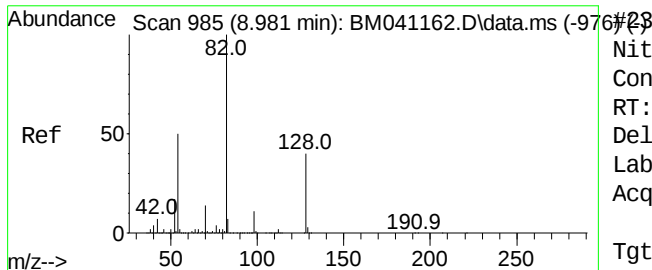
Tgt Ion:	99	Resp:	921160
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.4	23.0
71	36.8	28.2	42.4



Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.598 min Scan# 1260
 Delta R.T. -0.006 min
 Lab File: BM041289.D
 Acq: 04 Aug 2023 11:51

Tgt Ion:	136	Resp:	412351
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	6.9	10.3
68	6.3	5.4	8.2





Nitrobenzene-d5

Concen: 79.438 ng

RT: 8.969 min Scan#

Delta R.T. -0.006 min

Lab File: BM041289.D

Acq: 04 Aug 2023 11:51

Instrument :

BNA_M

ClientSampleId :

COMP-1

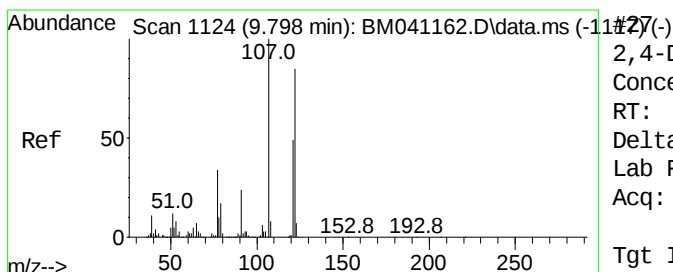
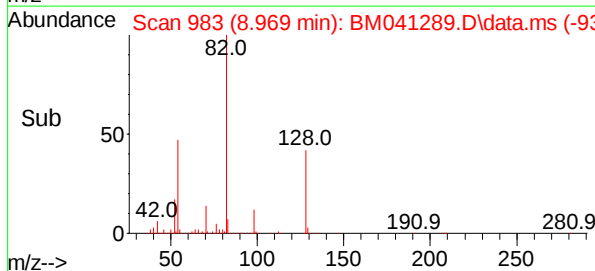
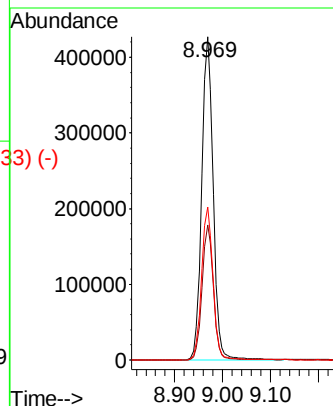
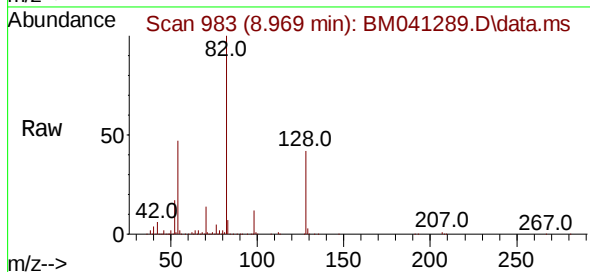
Tgt Ion: 82 Resp: 704370

Ion Ratio Lower Upper

82 100

128 41.8 31.8 47.6

54 47.3 40.1 60.1



2,4-Dimethylphenol

Concen: 7.826 ng

RT: 9.904 min Scan# 1142

Delta R.T. 0.112 min

Lab File: BM041289.D

Acq: 04 Aug 2023 11:51

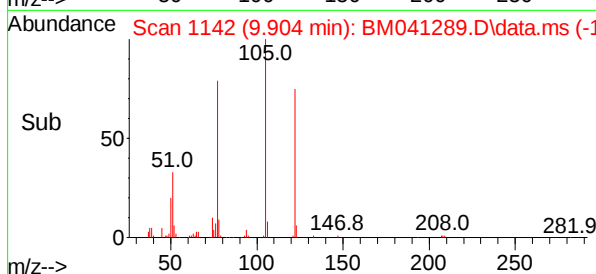
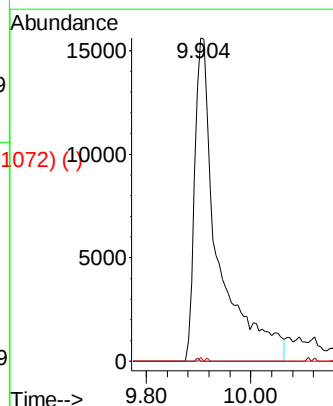
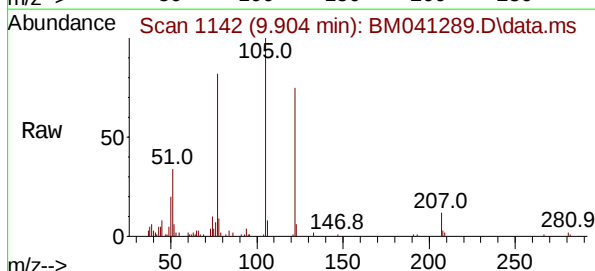
Tgt Ion: 122 Resp: 48276

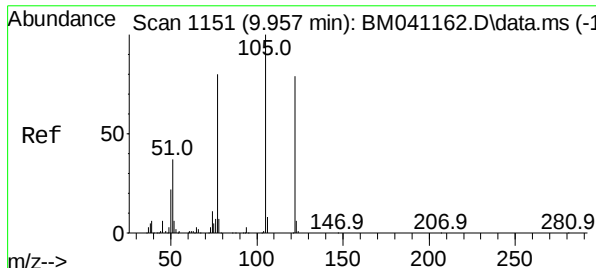
Ion Ratio Lower Upper

122 100

107 0.0 94.3 141.5#

121 1.2 45.8 68.8#

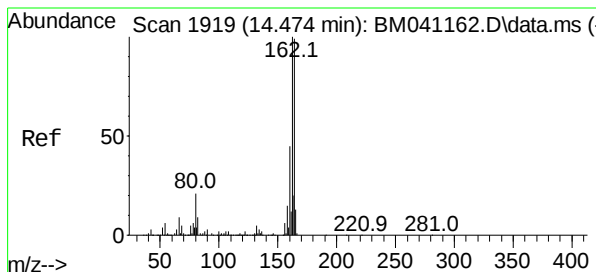
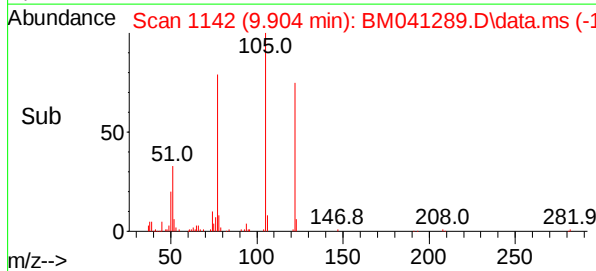
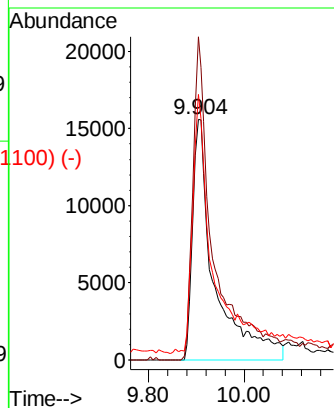
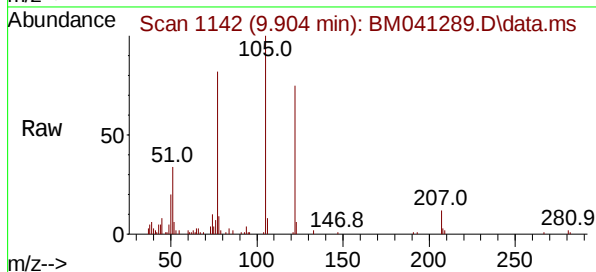




Benzoic acid
 Concen: 16.229 ng
 RT: 9.904 min Scan# 1151
 Delta R.T. -0.053 min
 Lab File: BM041289.D
 Acq: 04 Aug 2023 11:51

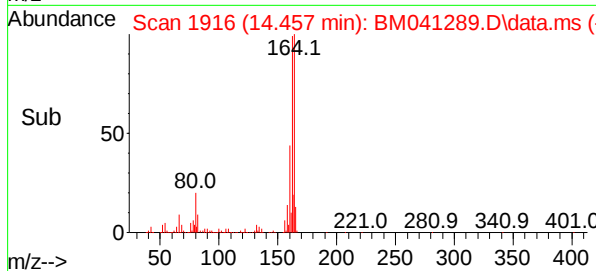
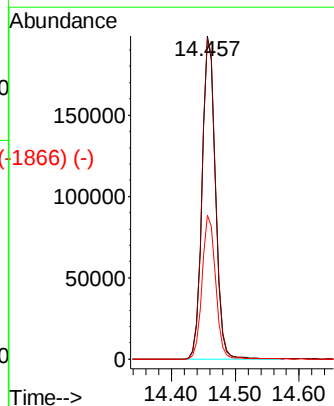
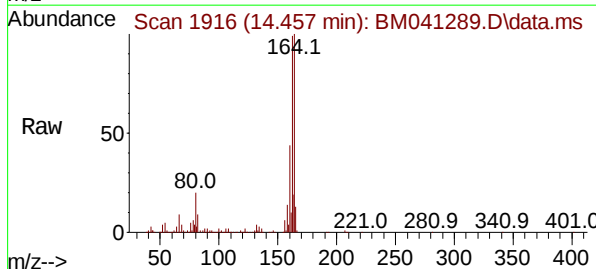
Instrument :
 BNA_M
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 COMP-1

Tgt Ion:122 Resp: 49397
 Ion Ratio Lower Upper
 122 100
 105 134.2 104.0 144.0
 77 110.1 79.9 119.9



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.457 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BM041289.D
 Acq: 04 Aug 2023 11:51

Tgt Ion:164 Resp: 285878
 Ion Ratio Lower Upper
 164 100
 162 99.1 80.4 120.6
 160 44.5 36.2 54.2



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

2,4,6-Tribromophenol

Concen: 157.949 ng

RT: 15.962 min Scan# 2174

Delta R.T. -0.006 min

Lab File: BM041289.D

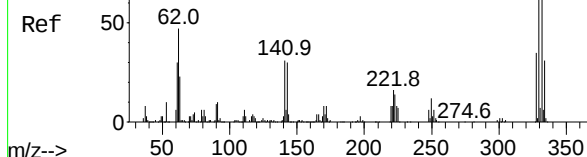
Acq: 04 Aug 2023 11:51

Instrument :

BNA_M

ClientSampleId :

COMP-1



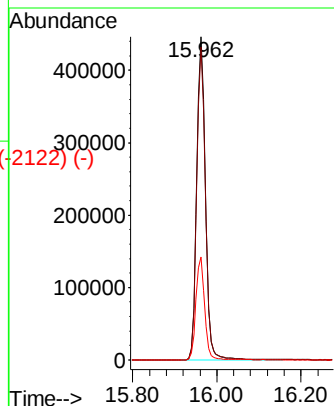
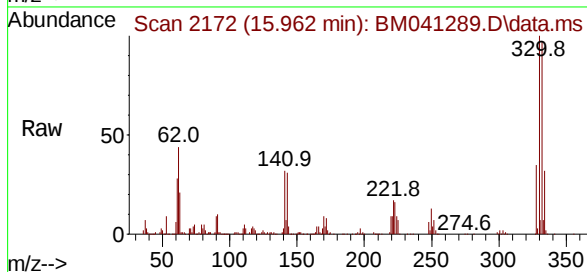
Tgt Ion:330 Resp: 638681

Ion Ratio Lower Upper

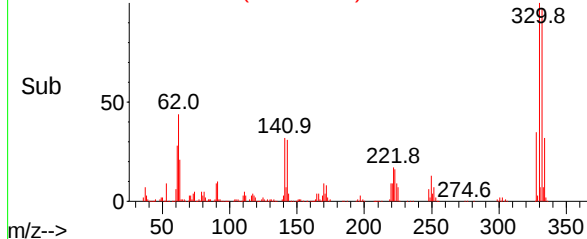
330 100

332 97.0 77.7 116.5

141 32.1 28.3 42.5



Abundance Scan 2172 (15.962 min): BM041289.D\data.ms (-2172) (-)



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

2-Fluorobiphenyl

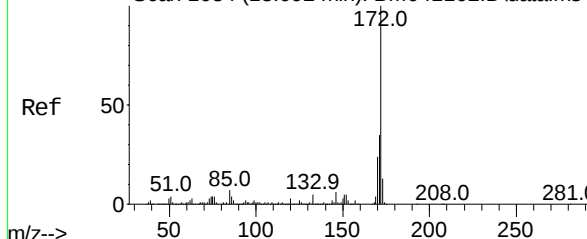
Concen: 75.608 ng

RT: 13.074 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM041289.D

Acq: 04 Aug 2023 11:51



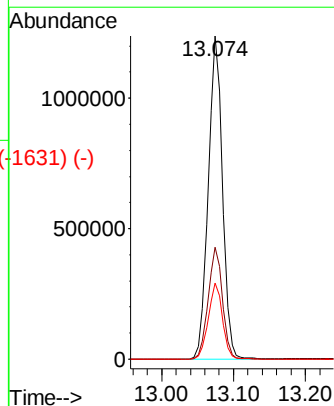
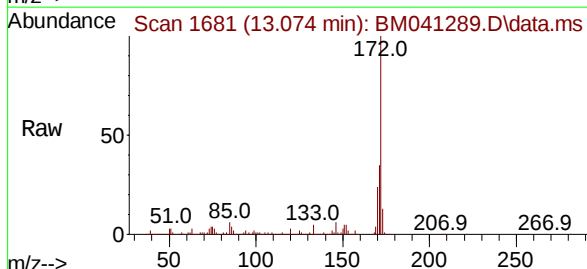
Tgt Ion:172 Resp: 1711044

Ion Ratio Lower Upper

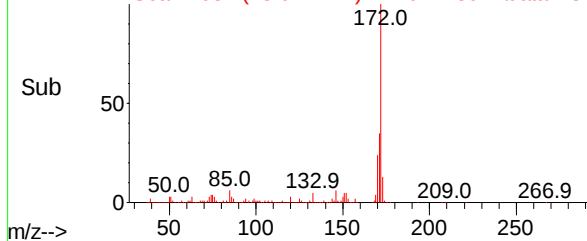
172 100

171 34.7 28.1 42.1

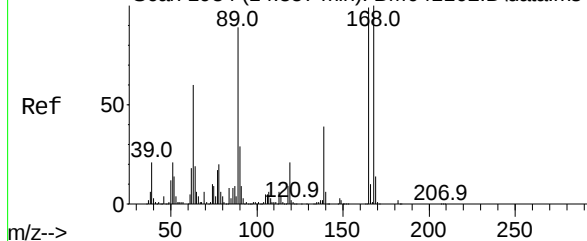
170 23.6 18.9 28.3



Abundance Scan 1681 (13.074 min): BM041289.D\data.ms (-1681) (-)



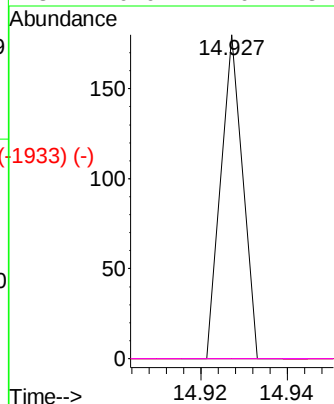
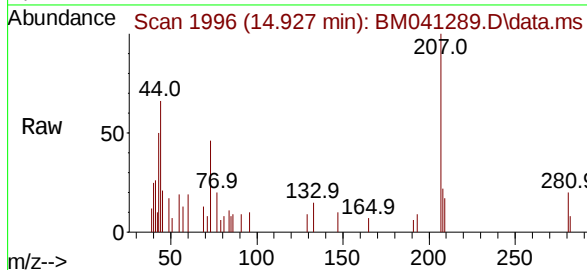
Abundance Scan 1984 (14.857 min): BM041162.D\data.ms (-1957) (-)



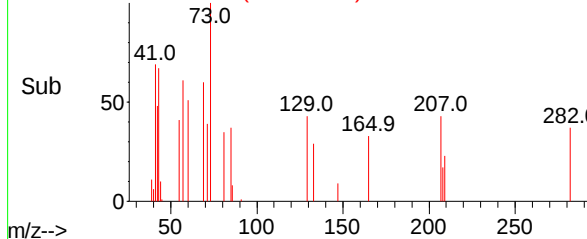
2,4-Dinitrotoluene
Concen: 2.680 ng
RT: 14.927 min Scan# 1957
Delta R.T. 0.070 min
Lab File: BM041289.D
Acq: 04 Aug 2023 11:51

Instrument :
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COMP-1

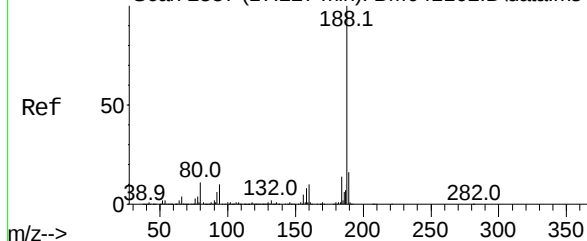
Tgt Ion:	165	Resp:	63
Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.3	72.5#
89	0.0	71.8	107.8#
182	0.0	2.0	3.0#



Abundance Scan 1996 (14.927 min): BM041289.D\data.ms (-1933) (-)

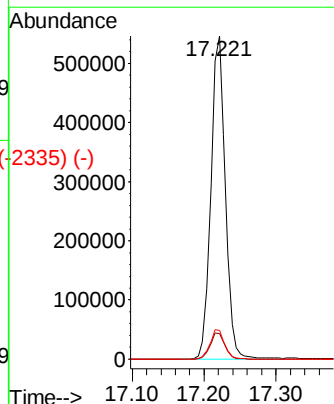
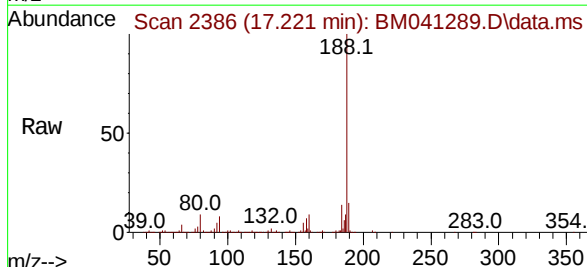


Abundance Scan 2387 (17.227 min): BM041162.D\data.ms (-2360) (-)

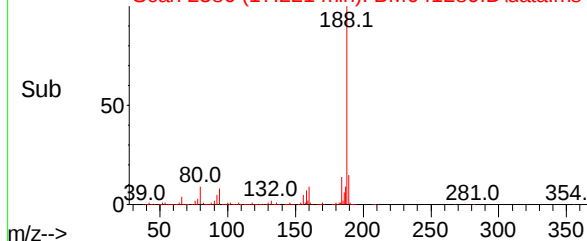


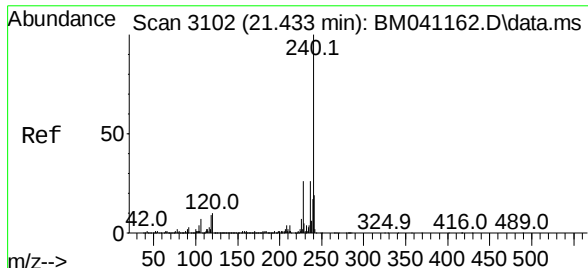
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041289.D
Acq: 04 Aug 2023 11:51

Tgt Ion:	188	Resp:	765839
Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.8	8.6	13.0



Abundance Scan 2386 (17.221 min): BM041289.D\data.ms (-2335) (-)

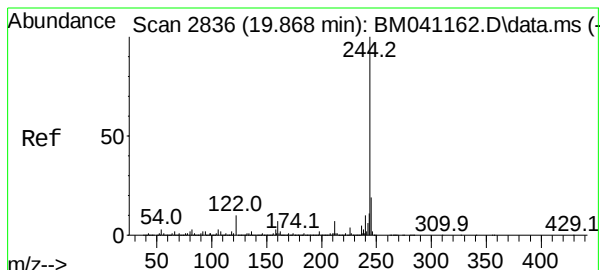
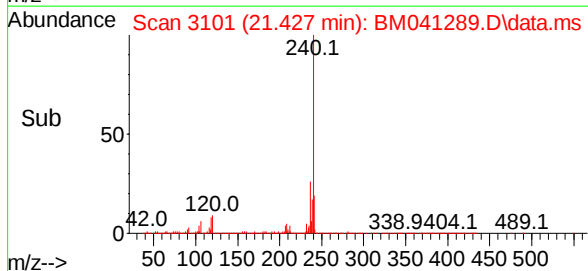
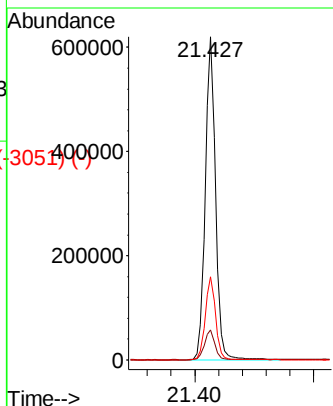
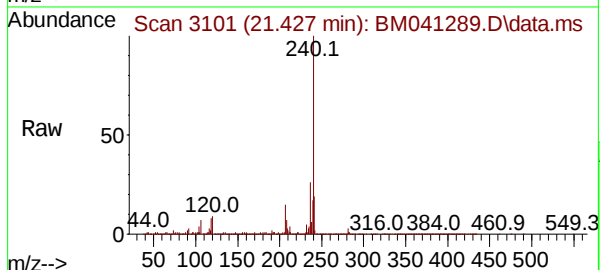




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.427 min Scan# 3101
 Delta R.T. -0.006 min
 Lab File: BM041289.D
 Acq: 04 Aug 2023 11:51

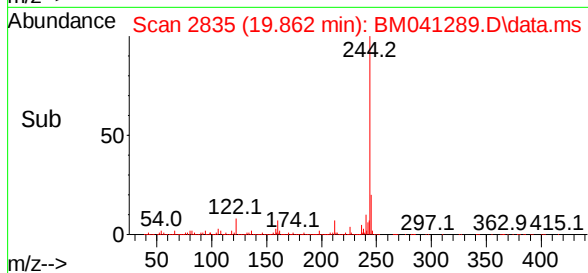
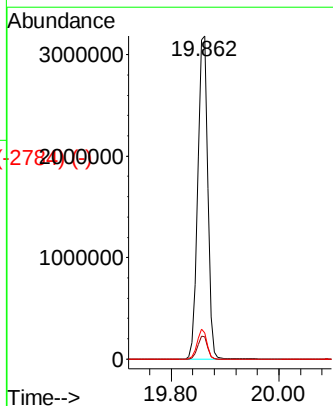
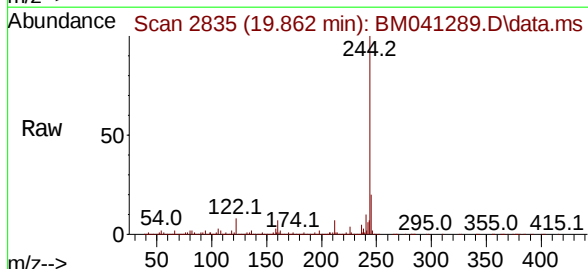
Instrument :
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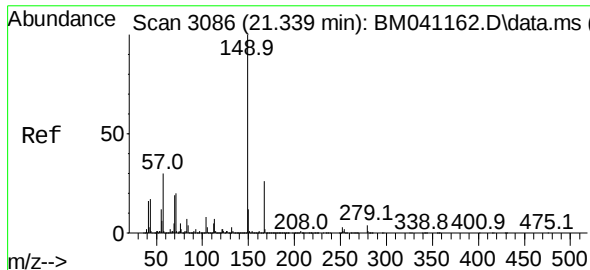
Tgt Ion:	240	Resp:	752154
Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	25.8	20.6	30.8



Terphenyl-d14
 Concen: 97.736 ng
 RT: 19.862 min Scan# 2835
 Delta R.T. -0.000 min
 Lab File: BM041289.D
 Acq: 04 Aug 2023 11:51

Tgt Ion:	244	Resp:	4065824
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	8.2	7.8	11.6

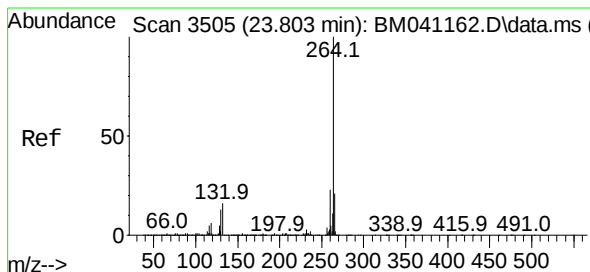
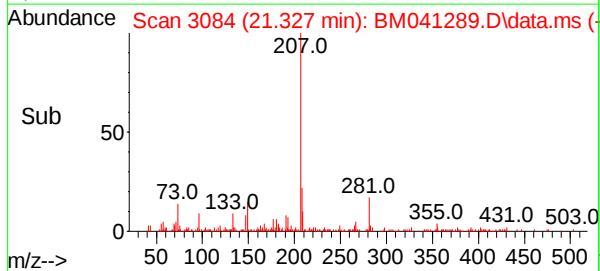
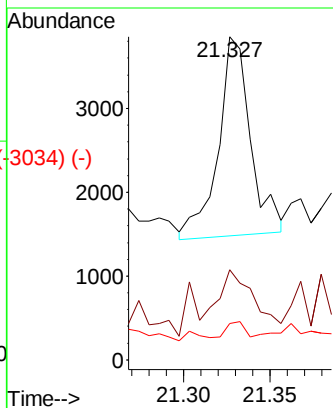
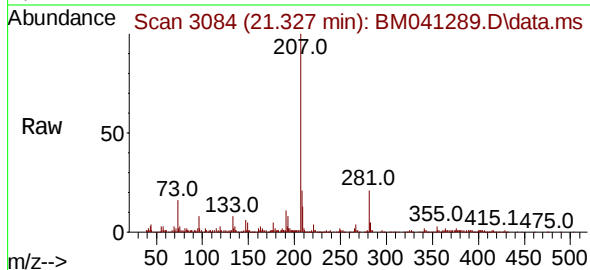




Scan 3086 (21.339 min): BM041162.D\data.ms (-3086) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 2.636 ng
 RT: 21.327 min Scan# 3084
 Delta R.T. -0.006 min
 Lab File: BM041289.D
 Acq: 04 Aug 2023 11:51

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

Tgt Ion:	149	Resp:	3116
Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.0	31.6
279	11.2	3.1	4.7#



Scan 3505 (23.803 min): BM041162.D\data.ms (-3486) (-)
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3504
 Delta R.T. -0.006 min
 Lab File: BM041289.D
 Acq: 04 Aug 2023 11:51

Tgt Ion:	264	Resp:	715816
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	22.5	17.4	26.0

