

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041285.D
 Acq On : 04 Aug 2023 09:18
 Operator : MA/JU
 Sample : PB154620BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154620BL

Quant Time: Aug 04 12:10:46 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	144055	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	594547	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	392920	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	870596	20.000	ng	0.00
76) Chrysene-d12	21.427	240	659402	20.000	ng	0.00
86) Perylene-d12	23.803	264	635360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1358491	140.945	ng	0.00
7) Phenol-d6	6.981	99	1746935	139.825	ng	0.00
23) Nitrobenzene-d5	8.969	82	1120375	87.634	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	872186	156.934	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2715608	87.307	ng	0.00
79) Terphenyl-d14	19.862	244	4292001	117.685	ng	0.00

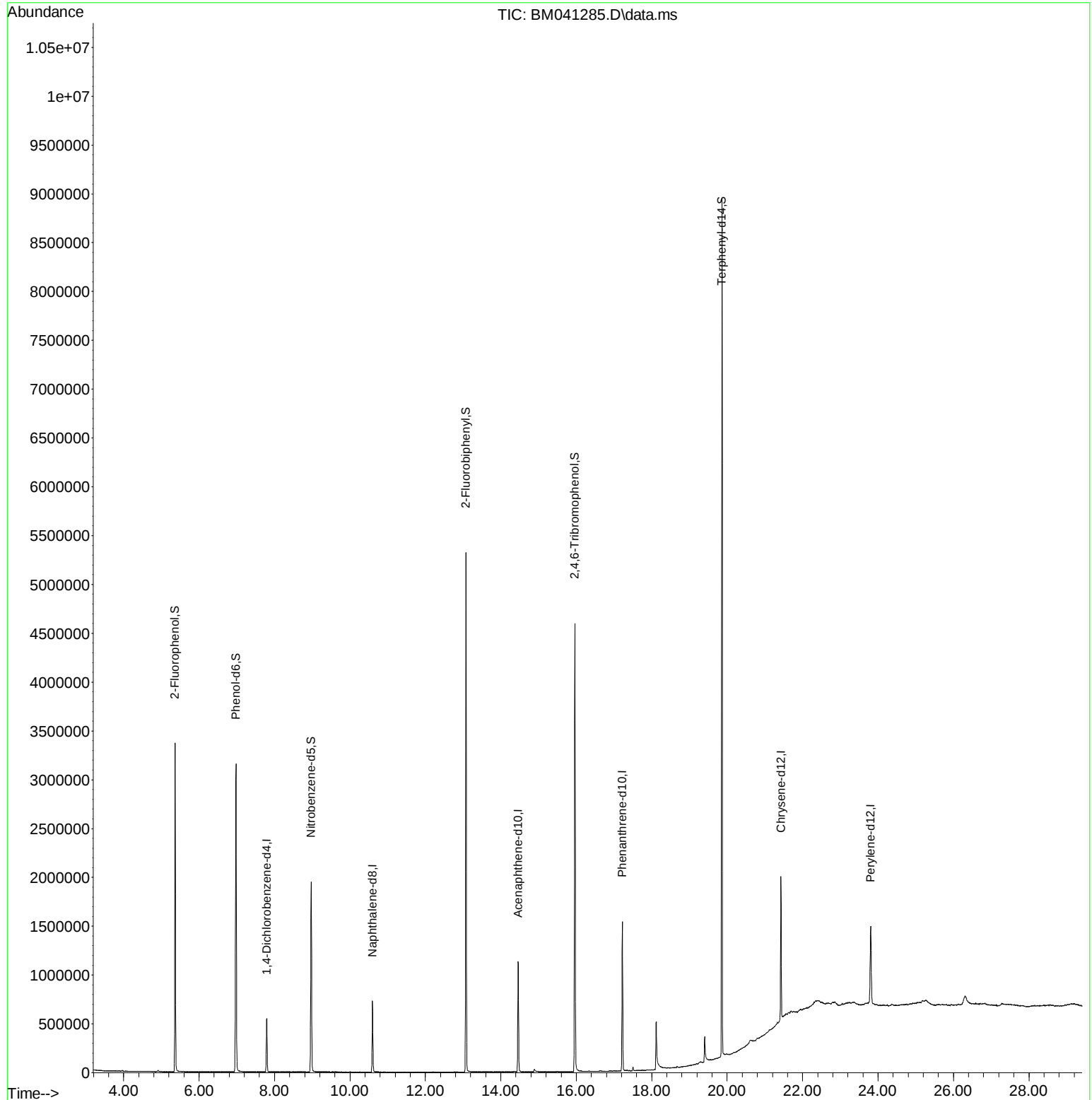
Target Compounds	Qvalue

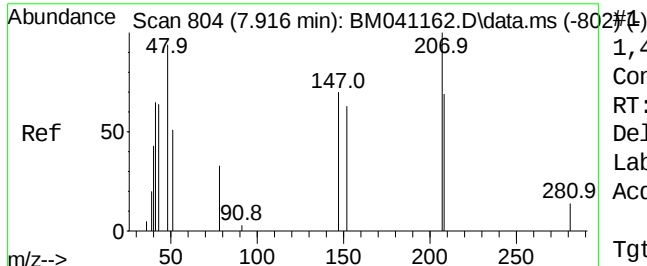
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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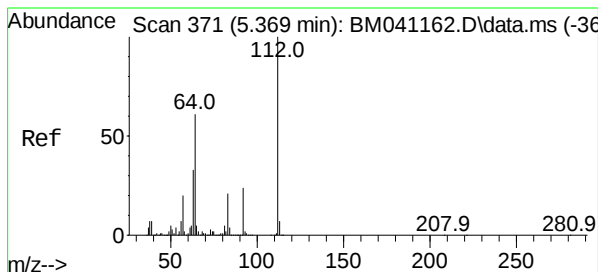
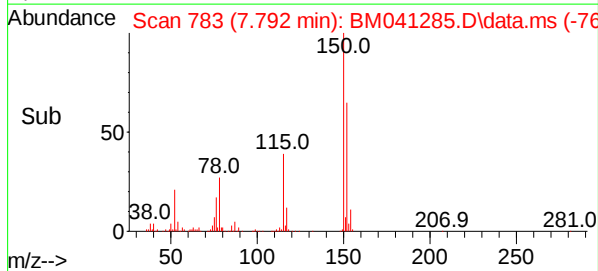
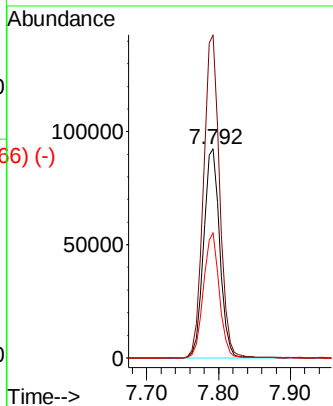
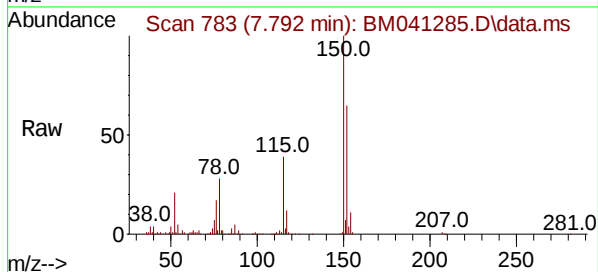




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.792 min Scan#
 Delta R.T. -0.001 min
 Lab File: BM041285.D
 Acq: 04 Aug 2023 09:18

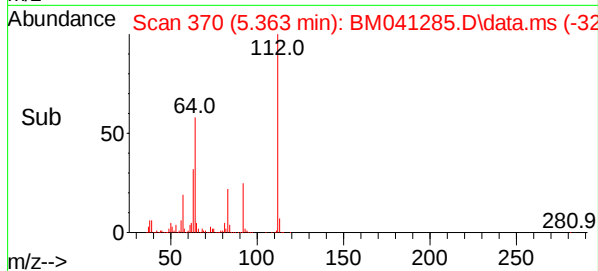
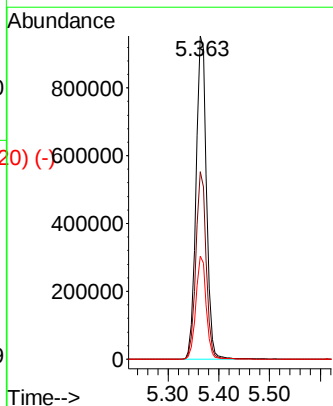
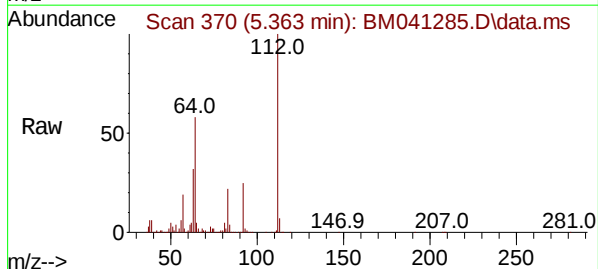
Instrument :
 BNA_M
 ClientSampleId :
 PB154620BL

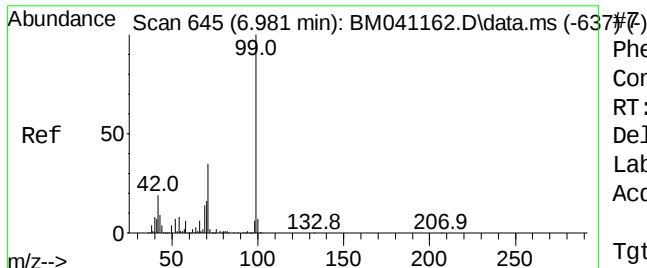
Tgt Ion:152 Resp: 144055
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.5 188.3
 115 59.8 48.0 72.0



2-Fluorophenol
 Concen: 140.945 ng
 RT: 5.363 min Scan# 370
 Delta R.T. -0.006 min
 Lab File: BM041285.D
 Acq: 04 Aug 2023 09:18

Tgt Ion:112 Resp: 1358491
 Ion Ratio Lower Upper
 112 100
 64 58.0 48.5 72.7
 63 31.9 26.5 39.7



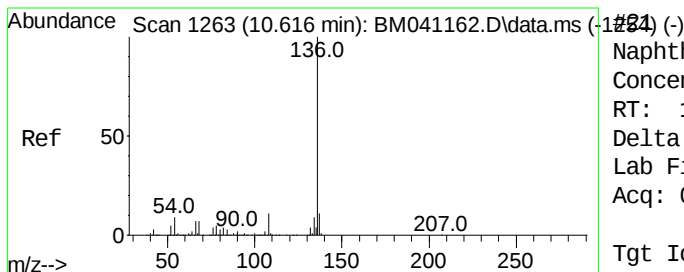
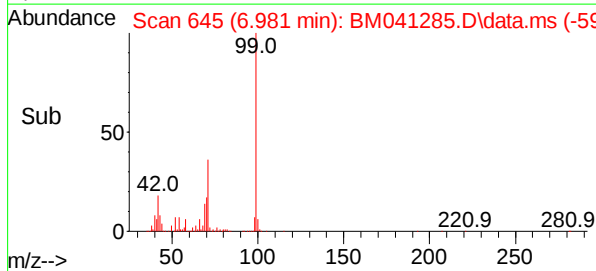
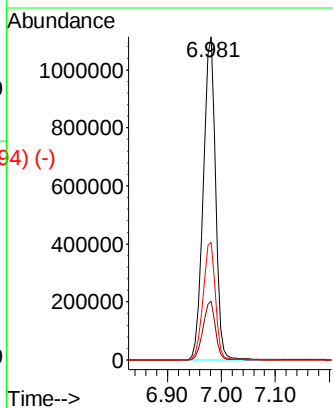
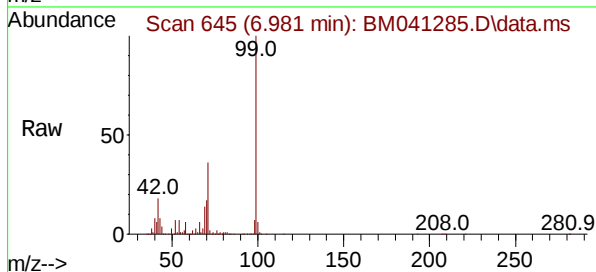


Phenol-d6
 Concen: 139.825 ng
 RT: 6.981 min Scan# 645
 Delta R.T. -0.000 min
 Lab File: BM041285.D
 Acq: 04 Aug 2023 09:18

Instrument :
 BNA_M
 ClientSampleId :
 PB154620BL

Tgt Ion: 99 Resp: 1746935

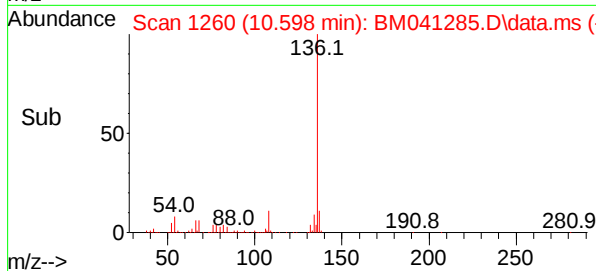
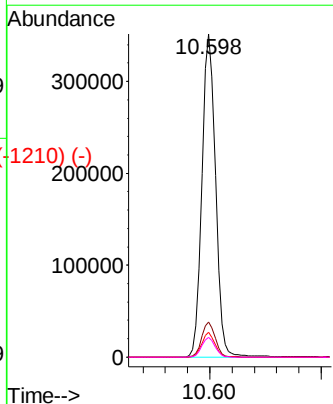
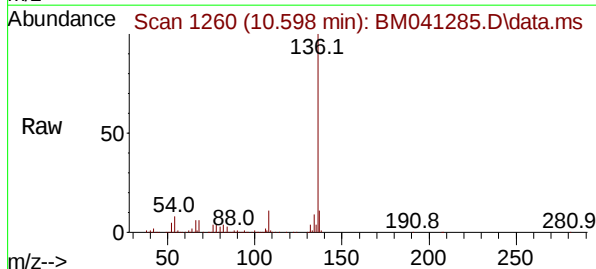
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.4	23.0
71	36.5	28.2	42.4

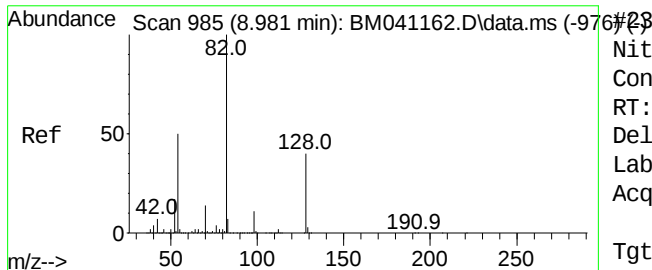


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.598 min Scan# 1260
 Delta R.T. -0.006 min
 Lab File: BM041285.D
 Acq: 04 Aug 2023 09:18

Tgt Ion: 136 Resp: 594547

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	6.9	10.3
68	6.0	5.4	8.2





Nitrobenzene-d5

Concen: 87.634 ng

RT: 8.969 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BM041285.D

Acq: 04 Aug 2023 09:18

Instrument :

BNB_M

ClientSampleId :

PB154620BL

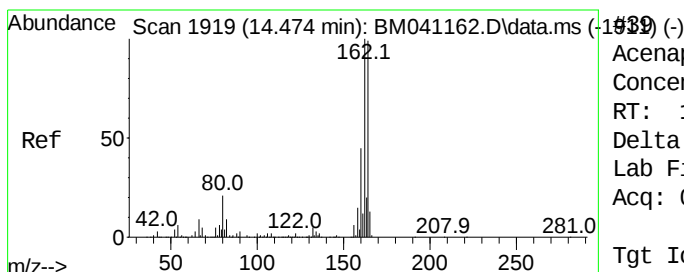
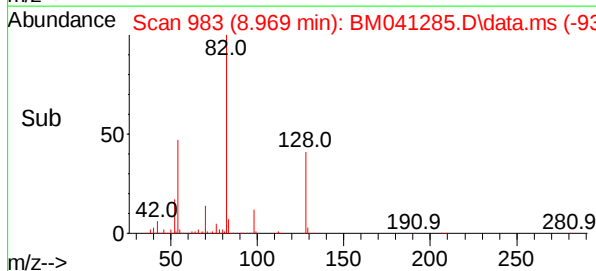
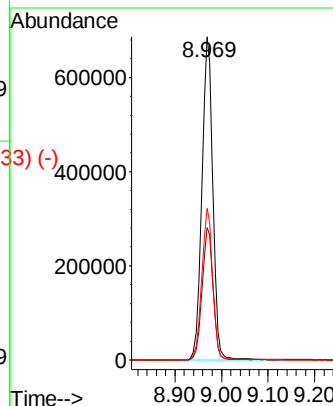
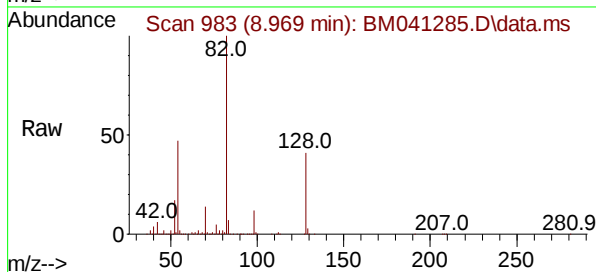
Tgt Ion: 82 Resp: 1120375

Ion Ratio Lower Upper

82 100

128 41.0 31.8 47.6

54 47.0 40.1 60.1



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BM041285.D

Acq: 04 Aug 2023 09:18

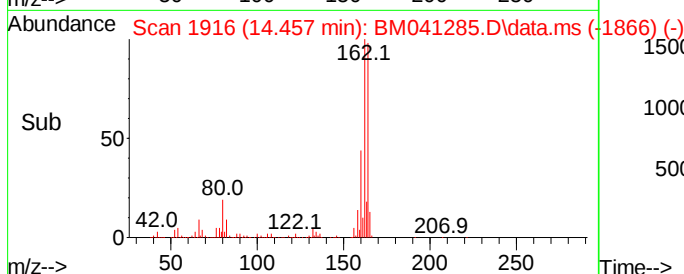
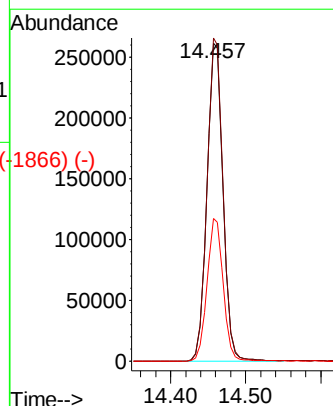
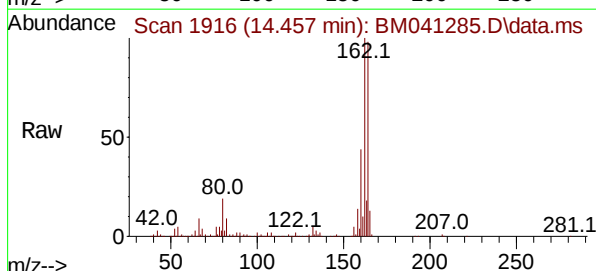
Tgt Ion: 164 Resp: 392920

Ion Ratio Lower Upper

164 100

162 101.6 80.4 120.6

160 44.8 36.2 54.2



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

2,4,6-Tribromophenol

Concen: 156.934 ng

RT: 15.962 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BM041285.D

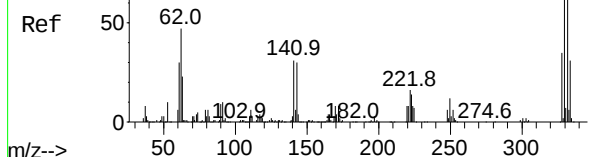
Acq: 04 Aug 2023 09:18

Instrument :

BNA_M

ClientSampleId :

PB154620BL



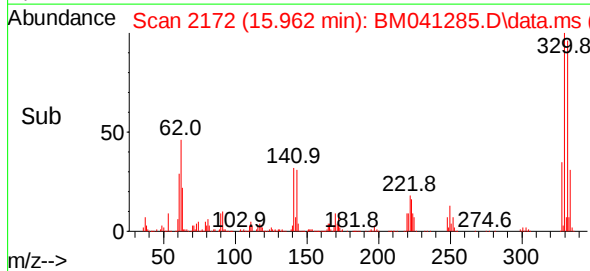
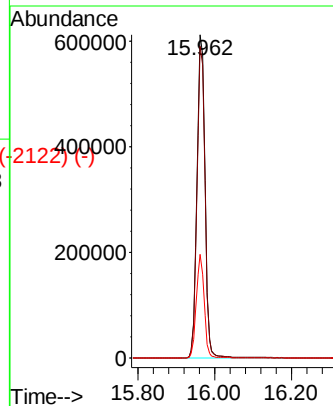
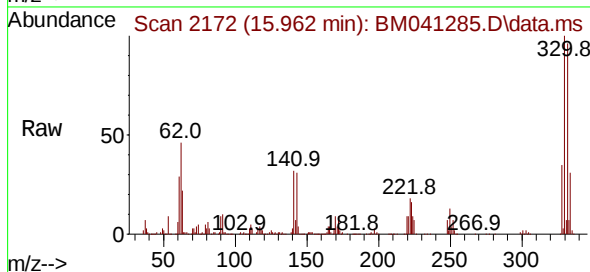
Tgt Ion:330 Resp: 872186

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 31.4 28.3 42.5



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

2-Fluorobiphenyl

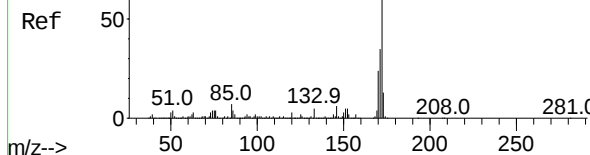
Concen: 87.307 ng

RT: 13.074 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM041285.D

Acq: 04 Aug 2023 09:18



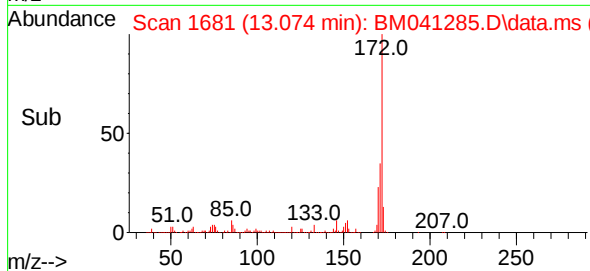
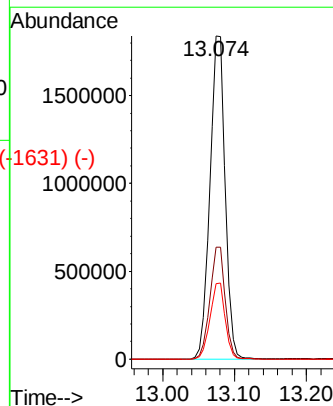
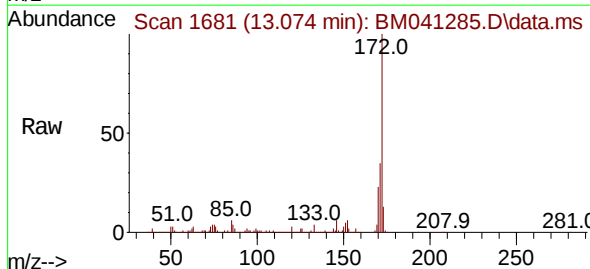
Tgt Ion:172 Resp: 2715608

Ion Ratio Lower Upper

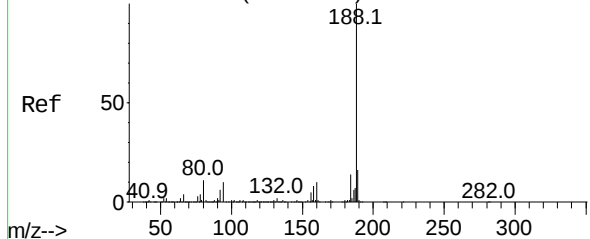
172 100

171 34.6 28.1 42.1

170 23.4 18.9 28.3



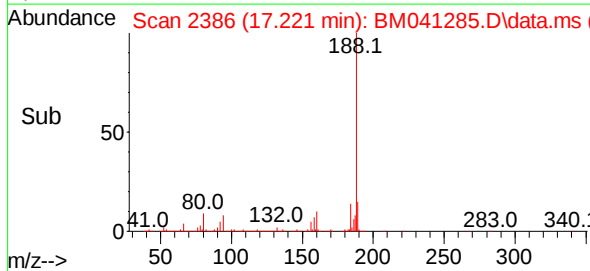
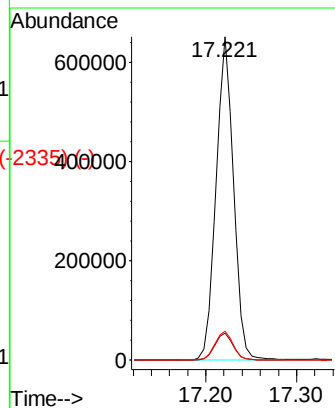
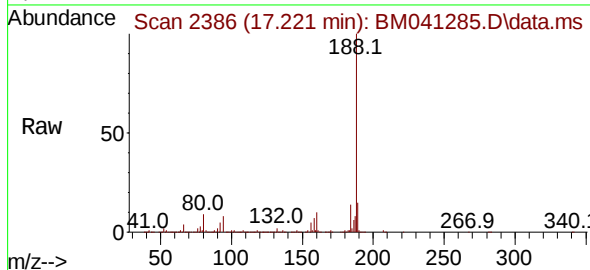
Abundance Scan 2387 (17.227 min): BM041162.D\data.ms (-369) (-)



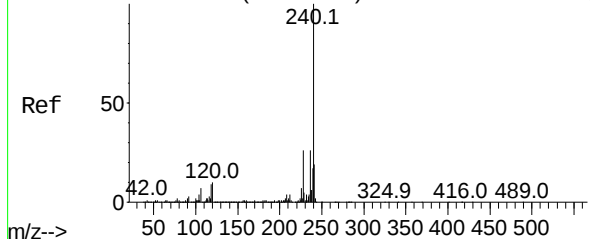
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM041285.D
Acq: 04 Aug 2023 09:18

Instrument :
BNA_M
ClientSampleId :
PB154620BL

Tgt Ion:	188	Resp:	870596
Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	9.0	8.6	13.0

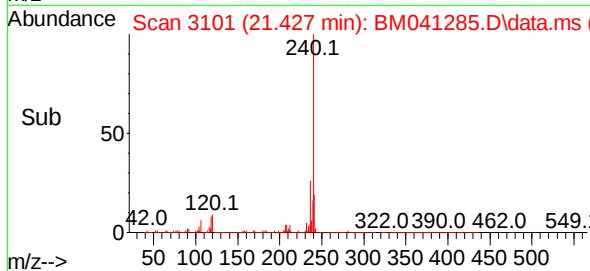
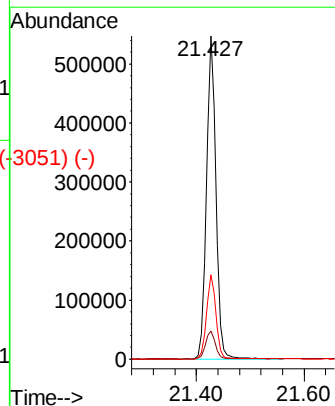
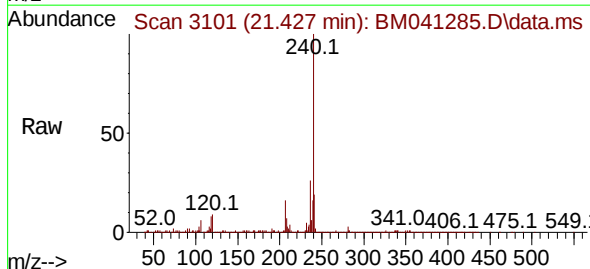


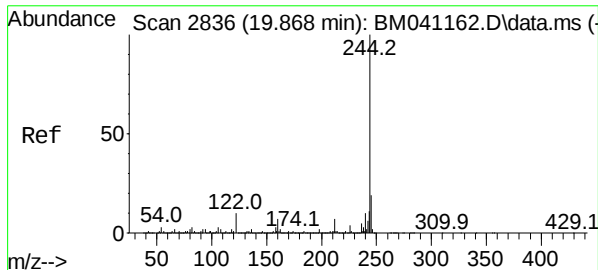
Abundance Scan 3102 (21.433 min): BM041162.D\data.ms (-3075) (-)



Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041285.D
Acq: 04 Aug 2023 09:18

Tgt Ion:	240	Resp:	659402
Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.3	12.5
236	26.1	20.6	30.8

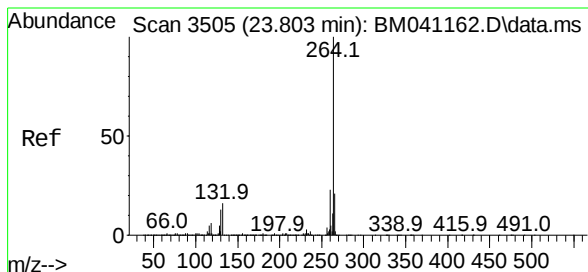
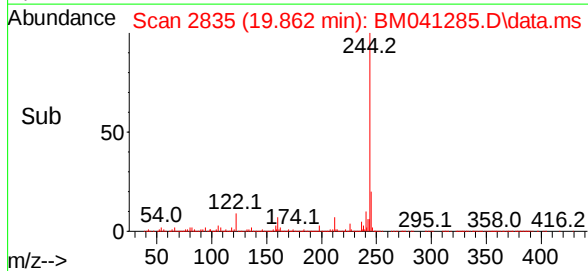
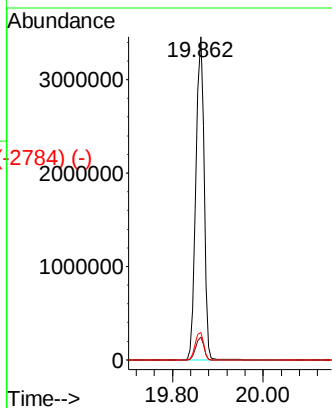
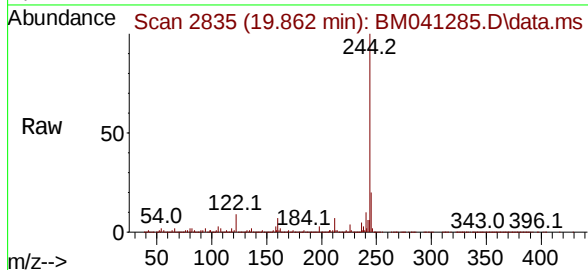




Terphenyl-d14
 Concen: 117.685 ng
 RT: 19.862 min Scan# 2835
 Delta R.T. -0.000 min
 Lab File: BM041285.D
 Acq: 04 Aug 2023 09:18

Instrument :
 BNA_M
 ClientSampleId :
 PB154620BL

Tgt Ion:244 Resp: 4292001
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.6 7.8 11.6



Perylene-d12
 Concen: 20.000 ng
 RT: 23.803 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BM041285.D
 Acq: 04 Aug 2023 09:18

Tgt Ion:264 Resp: 635360
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 22.4 17.4 26.0

