

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081423\
 Data File : BM041395.D
 Acq On : 14 Aug 2023 10:33
 Operator : MA/JU
 Sample : PB154564BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154564BL

Quant Time: Aug 14 19:03:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

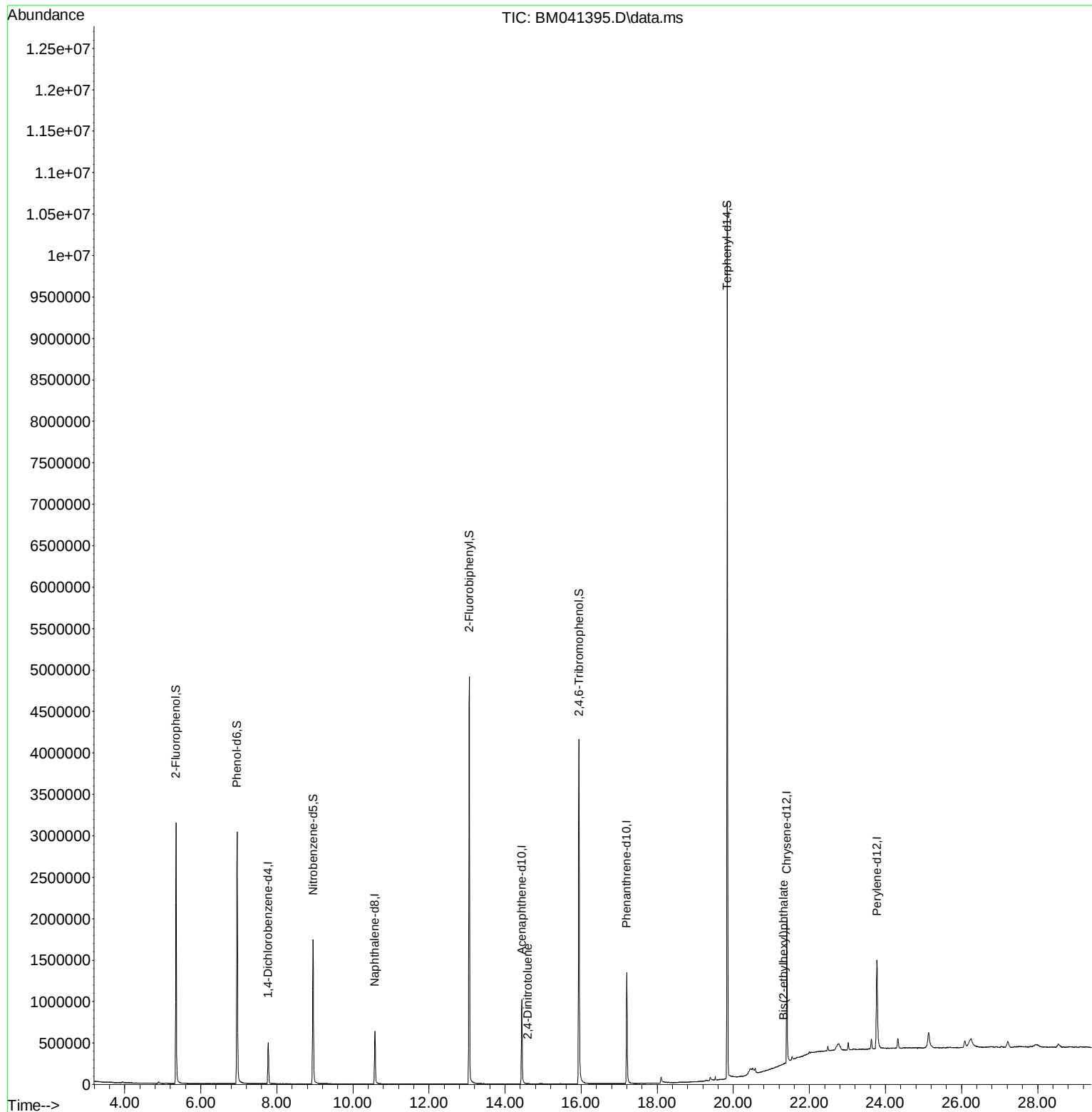
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	130682	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	549282	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	363190	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	847339	20.000	ng	0.00
76) Chrysene-d12	21.409	240	864691	20.000	ng	0.00
86) Perylene-d12	23.774	264	954032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1320733	151.050	ng	0.00
7) Phenol-d6	6.957	99	1658479	146.329	ng	0.00
23) Nitrobenzene-d5	8.951	82	1038946	87.962	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	809282	157.536	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2513892	87.438	ng	0.00
79) Terphenyl-d14	19.839	244	4820237	100.790	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.598	165	121	2.685	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	1619	2.583	ng	# 76

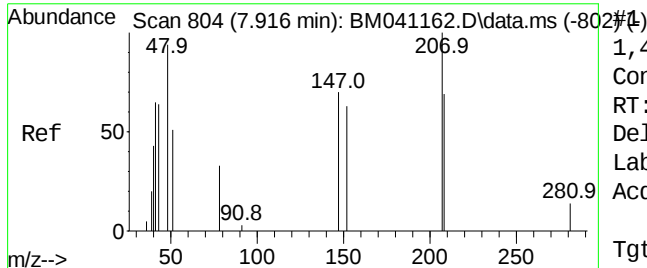
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.769 min Scan#

Delta R.T. -0.006 min

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BNA_M

ClientSampleId :

PB154564BL

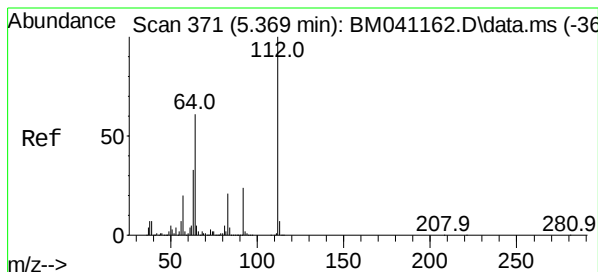
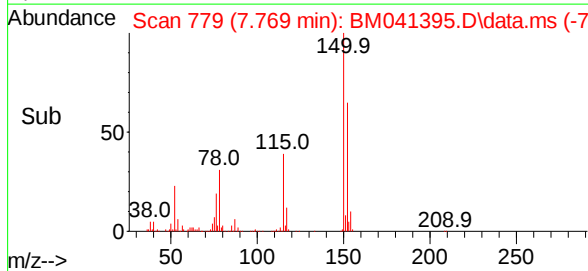
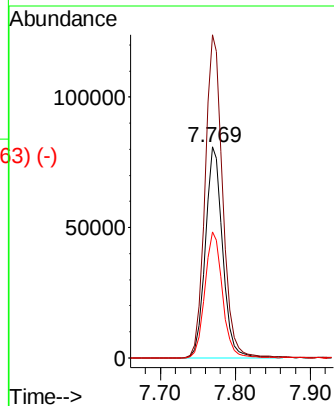
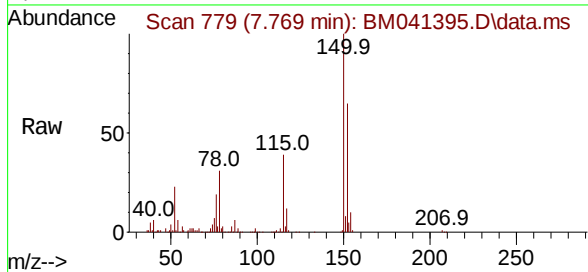
Tgt Ion:152 Resp: 130682

Ion Ratio Lower Upper

152 100

150 153.0 125.5 188.3

115 59.7 48.0 72.0



2-Fluorophenol

Concen: 151.050 ng

RT: 5.346 min Scan# 367

Delta R.T. -0.000 min

Lab File: BM041395.D

Acq: 14 Aug 2023 10:33

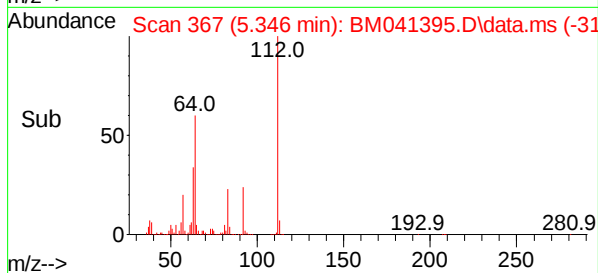
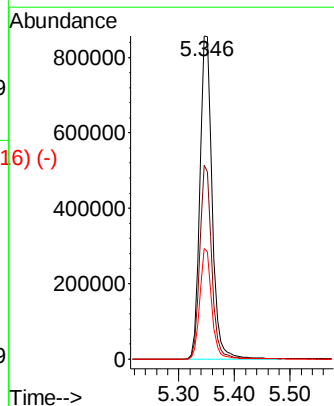
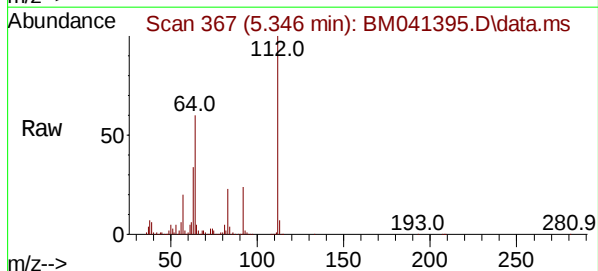
Tgt Ion:112 Resp: 1320733

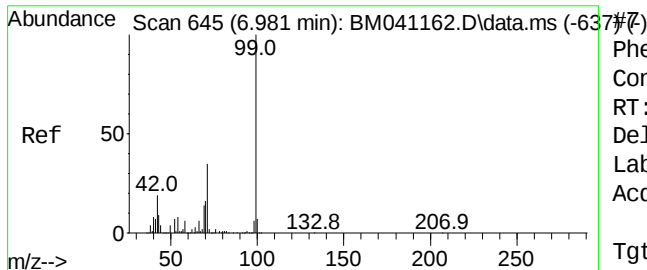
Ion Ratio Lower Upper

112 100

64 60.0 48.5 72.7

63 34.2 26.5 39.7





Phenol-d6

Concen: 146.329 ng

RT: 6.957 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BM041395.D

Acq: 14 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154564BL

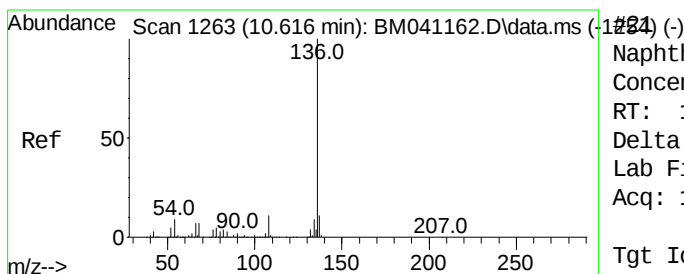
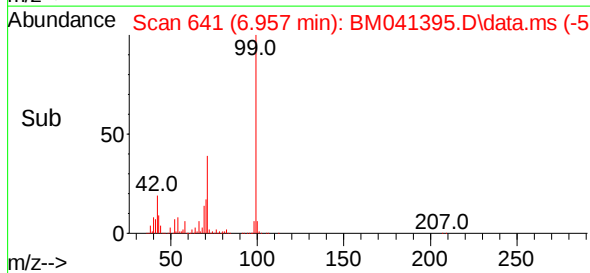
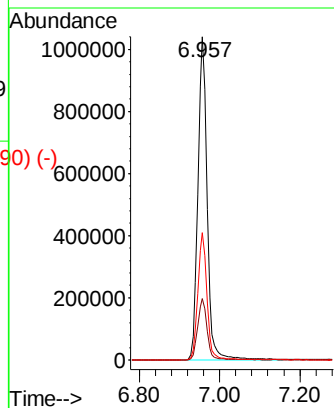
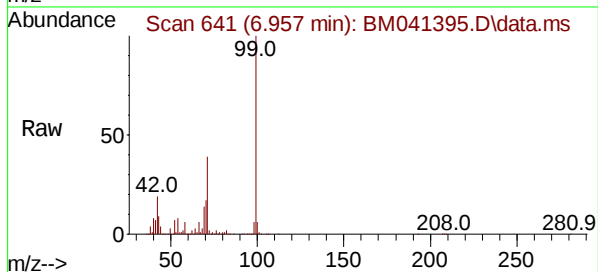
Tgt Ion: 99 Resp: 1658479

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

71 39.4 28.2 42.4



Naphthalene-d8

Concen: 20.000 ng

RT: 10.575 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BM041395.D

Acq: 14 Aug 2023 10:33

Tgt Ion: 136 Resp: 549282

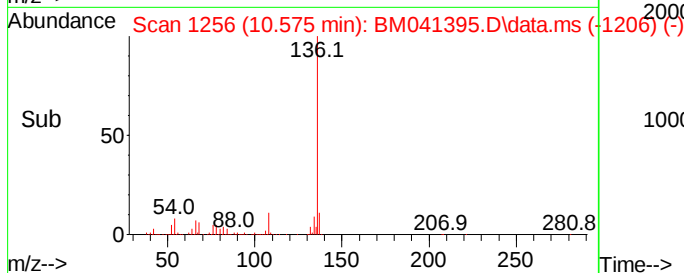
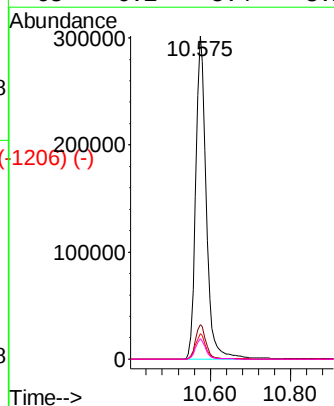
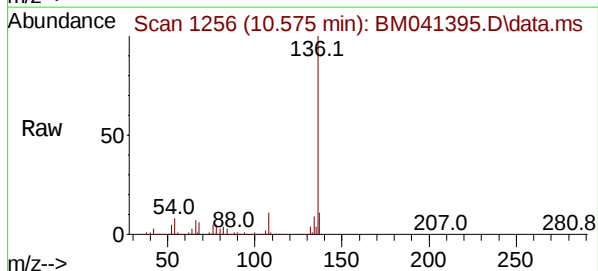
Ion Ratio Lower Upper

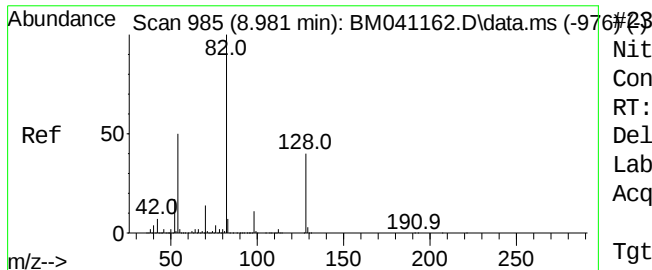
136 100

137 10.7 8.8 13.2

54 7.9 6.9 10.3

68 6.2 5.4 8.2



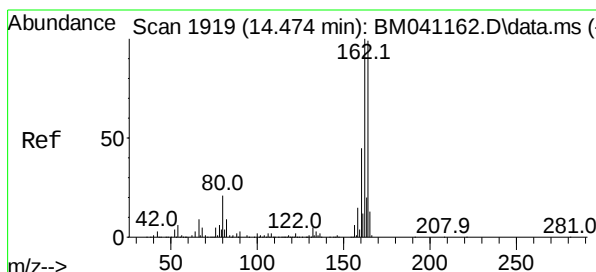
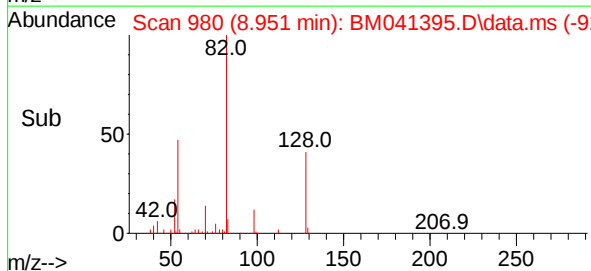
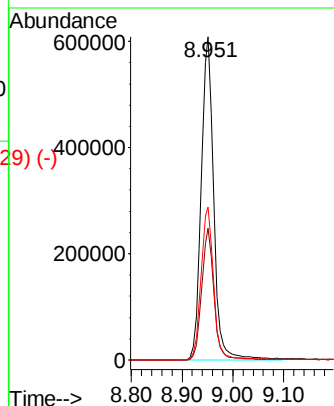
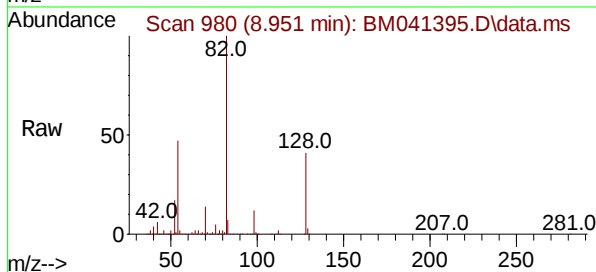


Nitrobenzene-d5
Concen: 87.962 ng
RT: 8.951 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BM041395.D
Acq: 14 Aug 2023 10:33

Instrument :
BNA_M
ClientSampleId :
PB154564BL

Tgt Ion: 82 Resp: 1038946

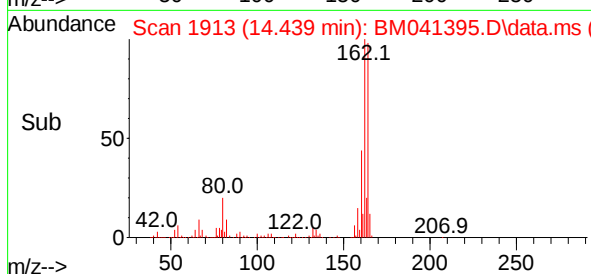
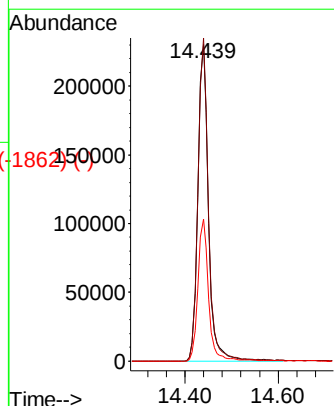
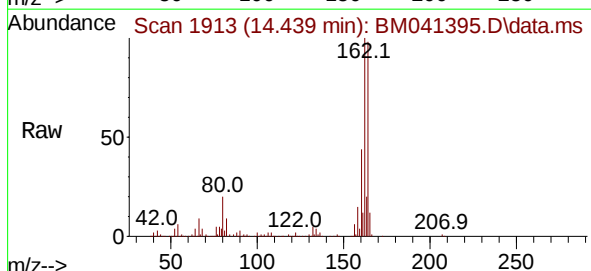
Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.8	47.6
54	47.4	40.1	60.1



Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BM041395.D
Acq: 14 Aug 2023 10:33

Tgt Ion: 164 Resp: 363190

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.4	120.6
160	44.8	36.2	54.2



Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-2168) (-)

2,4,6-Tribromophenol

Concen: 157.536 ng

RT: 15.945 min Scan# 2169

Delta R.T. -0.000 min

Lab File: BM041395.D

Acq: 14 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154564BL

Tgt Ion:330 Resp: 809282

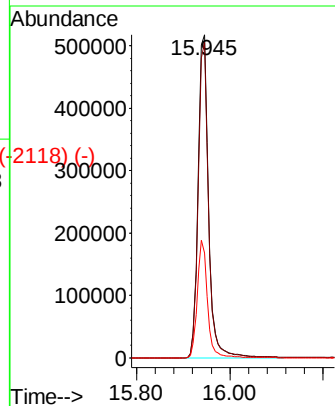
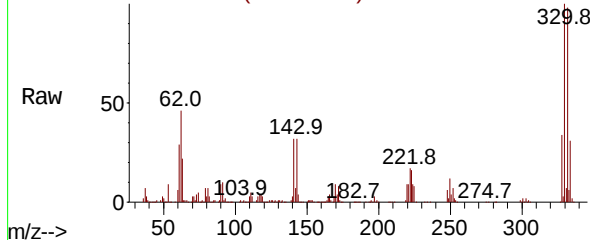
Ion Ratio Lower Upper

330 100

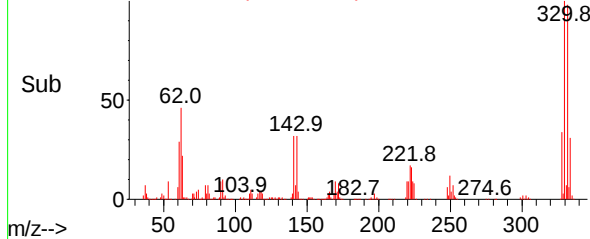
332 96.4 77.7 116.5

141 35.3 28.3 42.5

Abundance Scan 2169 (15.945 min): BM041395.D\data.ms



Abundance Scan 2169 (15.945 min): BM041395.D\data.ms (-2118) (-)



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

2-Fluorobiphenyl

Concen: 87.438 ng

RT: 13.057 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BM041395.D

Acq: 14 Aug 2023 10:33

Tgt Ion:172 Resp: 2513892

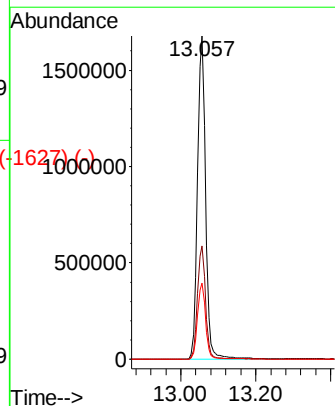
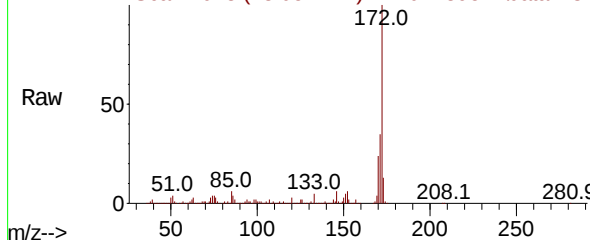
Ion Ratio Lower Upper

172 100

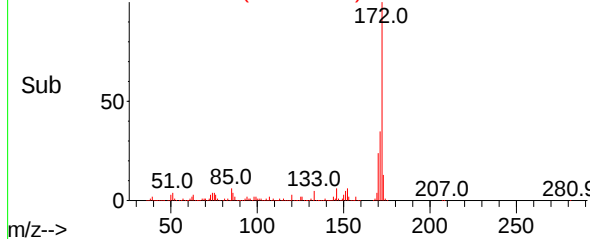
171 35.1 28.1 42.1

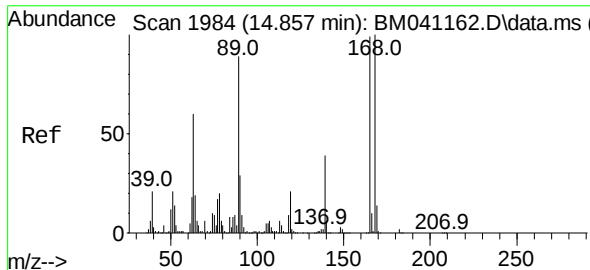
170 23.6 18.9 28.3

Abundance Scan 1678 (13.057 min): BM041395.D\data.ms



Abundance Scan 1678 (13.057 min): BM041395.D\data.ms (-1627) (-)

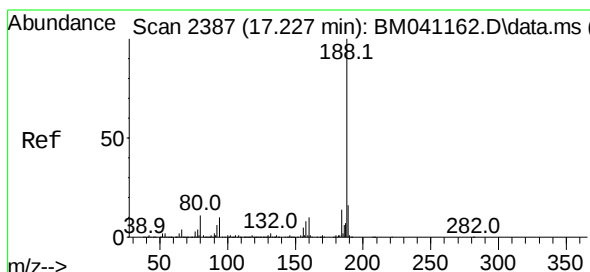
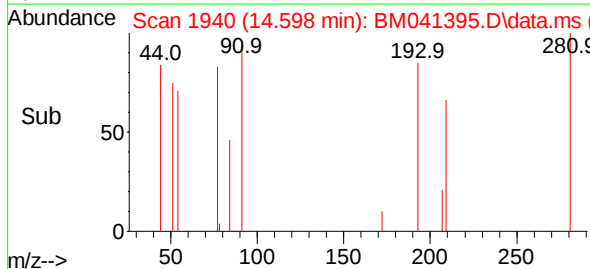
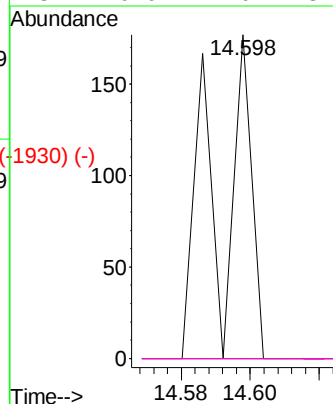
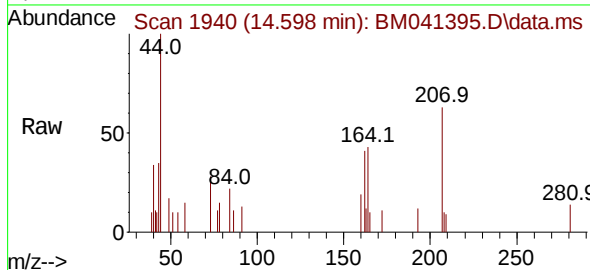




Scan 1984 (14.857 min): BM041162.D\data.ms (-1957) (-)
 2,4-Dinitrotoluene
 Concen: 2.685 ng
 RT: 14.598 min Scan# 1957
 Delta R.T. -0.241 min
 Lab File: BM041395.D
 Acq: 14 Aug 2023 10:33

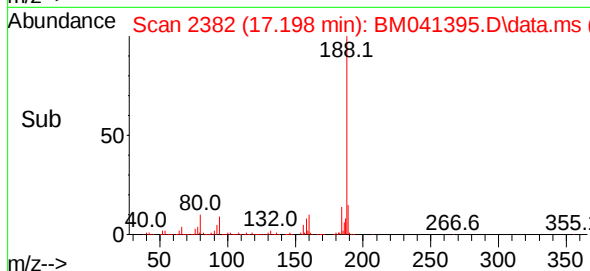
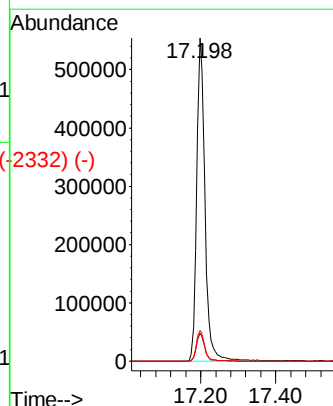
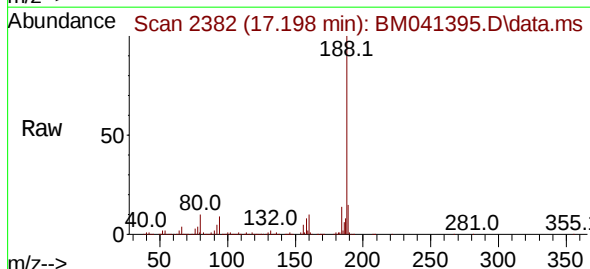
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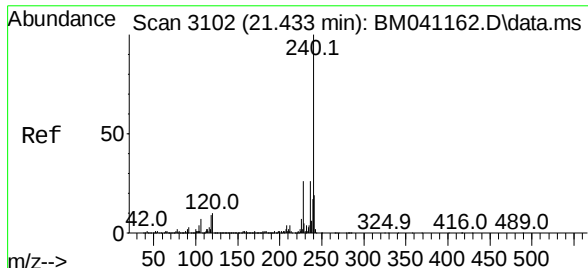
Tgt Ion:	165	Resp:	121
Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.3	72.5#
89	0.0	71.8	107.8#
182	0.0	2.0	3.0#



Scan 2387 (17.227 min): BM041162.D\data.ms (-2360) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.198 min Scan# 2382
 Delta R.T. -0.006 min
 Lab File: BM041395.D
 Acq: 14 Aug 2023 10:33

Tgt Ion:	188	Resp:	847339
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.6	8.6	13.0

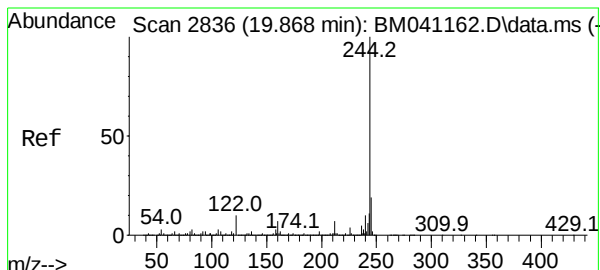
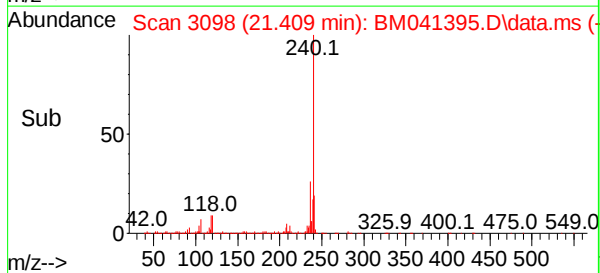
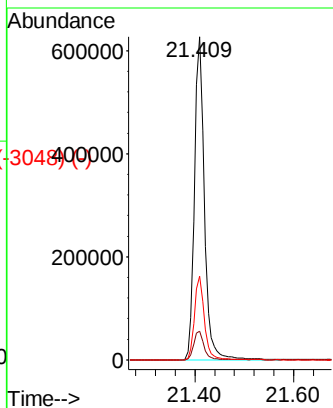
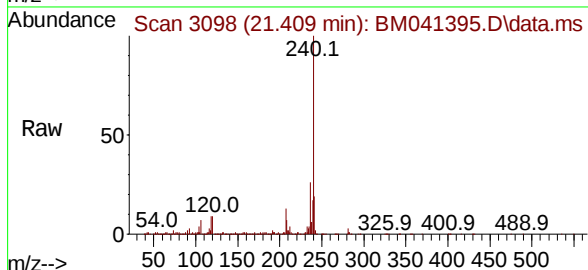




Scan 3102 (21.433 min): BM041162.D\data.ms (-3075) (-)
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.409 min Scan# 3098
 Delta R.T. -0.006 min
 Lab File: BM041395.D
 Acq: 14 Aug 2023 10:33

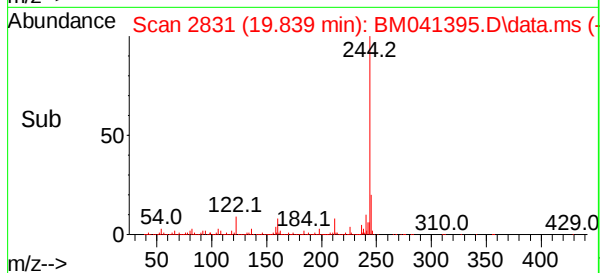
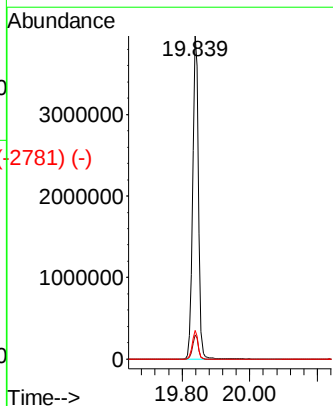
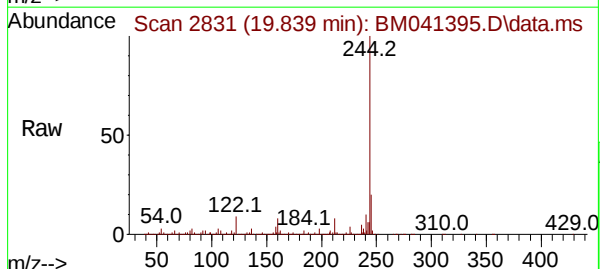
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Tgt Ion:	240	Resp:	864691
Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.3	12.5
236	25.9	20.6	30.8



Scan 2836 (19.868 min): BM041162.D\data.ms (-2879) (-)
 Terphenyl-d14
 Concen: 100.790 ng
 RT: 19.839 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM041395.D
 Acq: 14 Aug 2023 10:33

Tgt Ion:	244	Resp:	4820237
Ion	Ratio	Lower	Upper
244	100		
212	7.6	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: 2.583 ng

RT: 21.315 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM041395.D

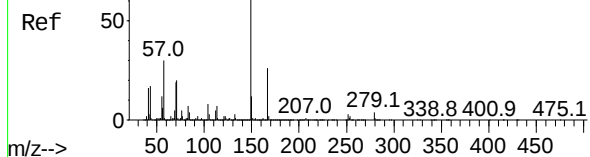
Acq: 14 Aug 2023 10:33

Instrument :

BNA_M

ClientSampleId :

PB154564BL



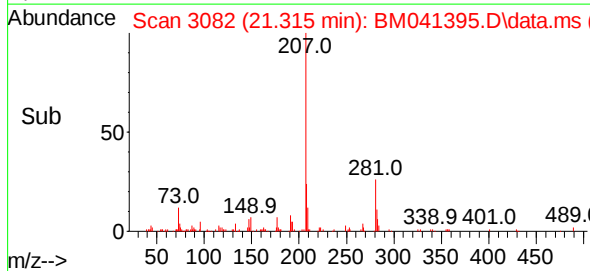
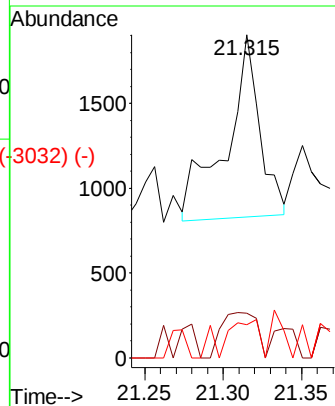
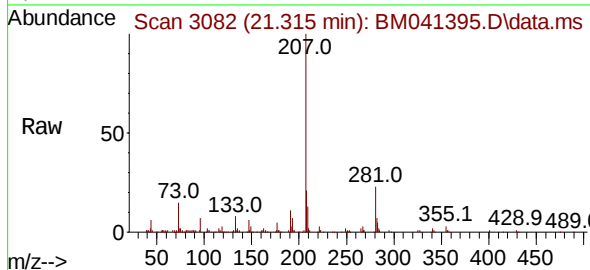
Tgt Ion:149 Resp: 1619

Ion Ratio Lower Upper

149 100

167 13.8 21.0 31.6#

279 10.3 3.1 4.7#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BM041395.D

Acq: 14 Aug 2023 10:33

Tgt Ion:264 Resp: 954032

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.6 17.4 26.0

