

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044031.D
 Acq On : 09 Feb 2024 10:05
 Operator : MA/JU
 Sample : PB158553BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158553BL

Quant Time: Feb 09 10:50:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	417596	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1653225	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	895128	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1705432	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1245822	20.000	ng	0.00
86) Perylene-d12	23.891	264	1338039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3576826	124.576	ng	0.00
7) Phenol-d6	7.081	99	4363248	119.438	ng	0.00
23) Nitrobenzene-d5	9.081	82	2591523	83.180	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1136707	117.286	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	5253851	82.836	ng	0.00
79) Terphenyl-d14	19.945	244	6057591	85.238	ng	0.00

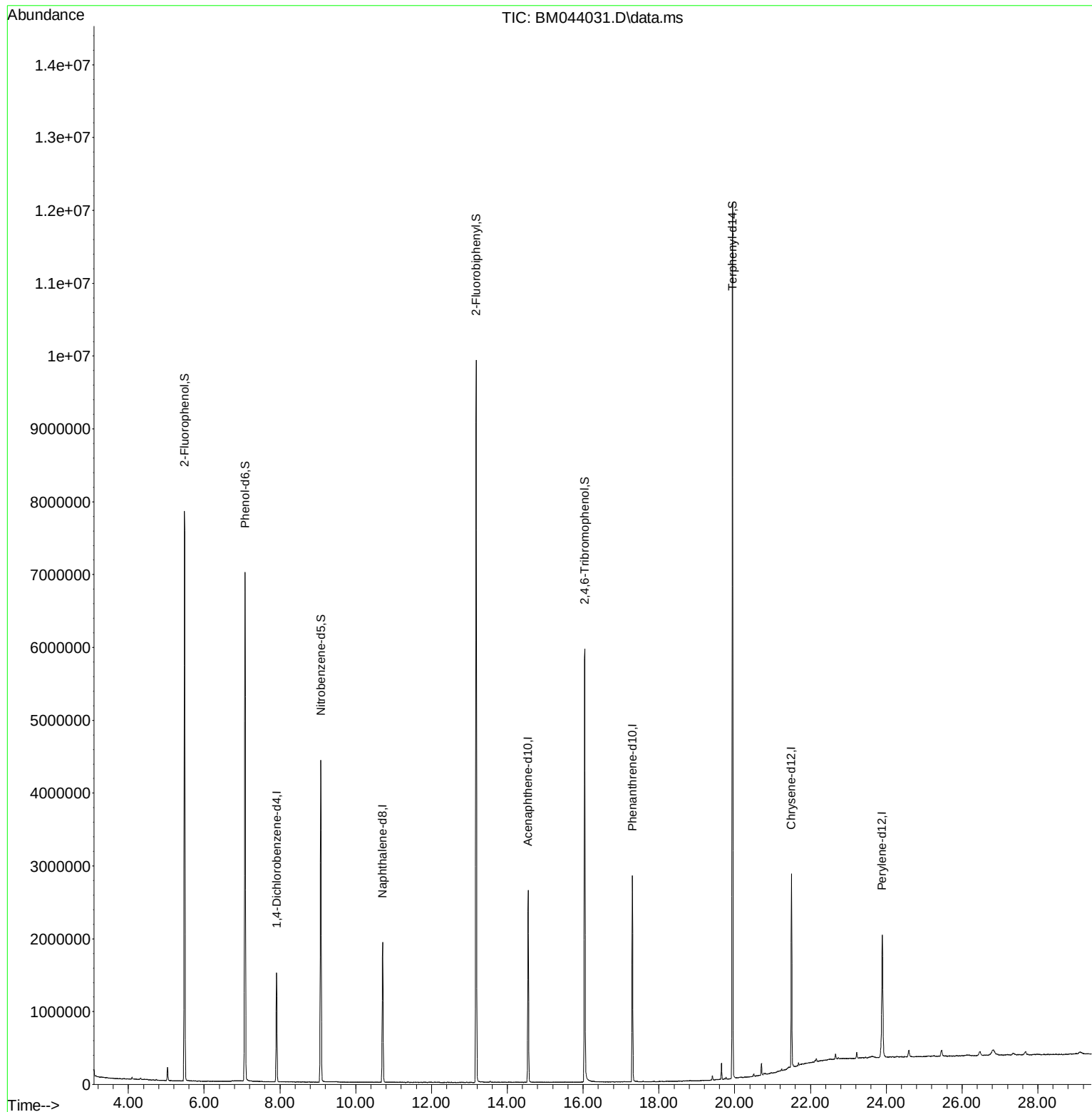
Target Compounds	Qvalue

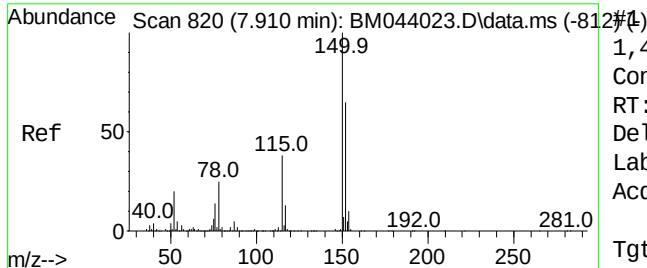
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BM044031.D

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Instrument :

BNA_M

ClientSampleId :

PB158553BL

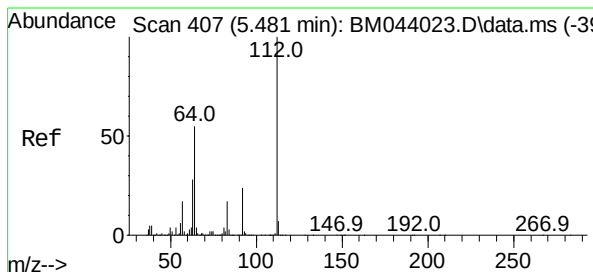
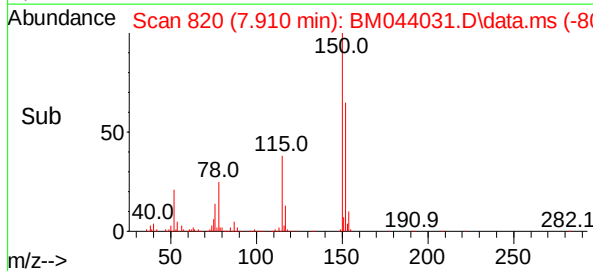
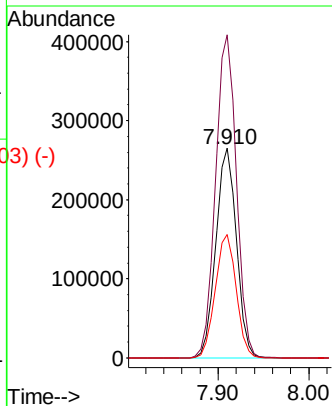
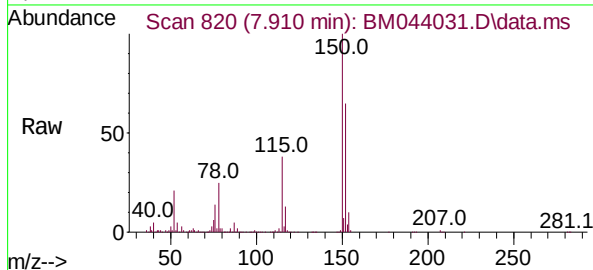
Tgt Ion:152 Resp: 417596

Ion Ratio Lower Upper

152 100

150 154.0 122.7 184.1

115 58.8 47.0 70.6



2-Fluorophenol

Concen: 124.576 ng

RT: 5.481 min Scan# 407

Delta R.T. 0.000 min

Lab File: BM044031.D

Acq: 09 Feb 2024 10:05

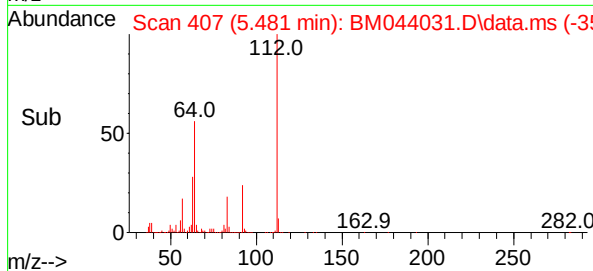
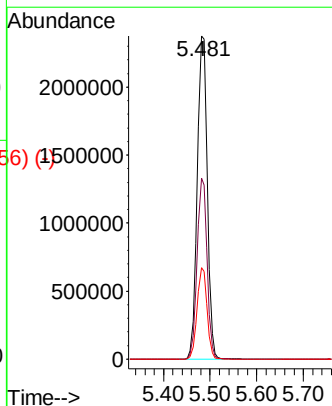
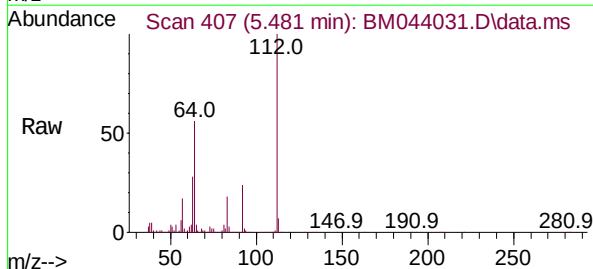
Tgt Ion:112 Resp: 3576826

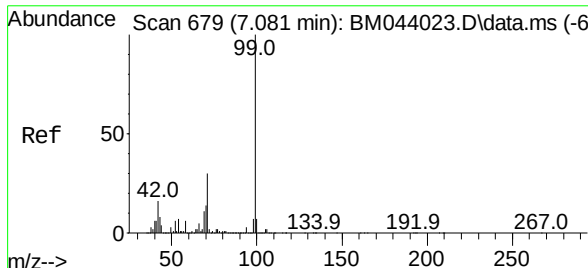
Ion Ratio Lower Upper

112 100

64 56.0 44.2 66.4

63 28.3 22.6 34.0

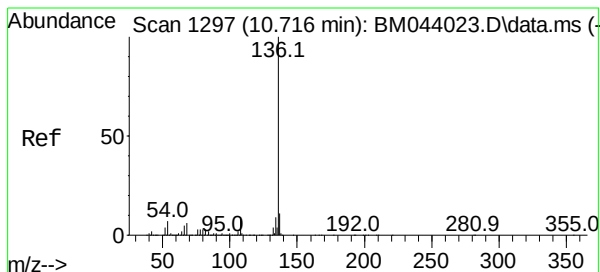
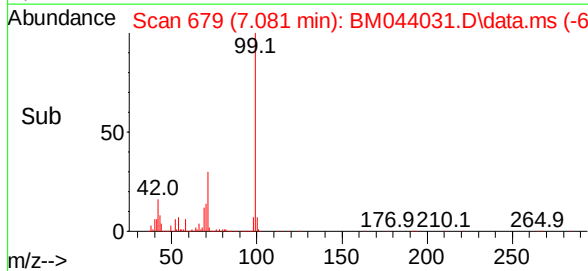
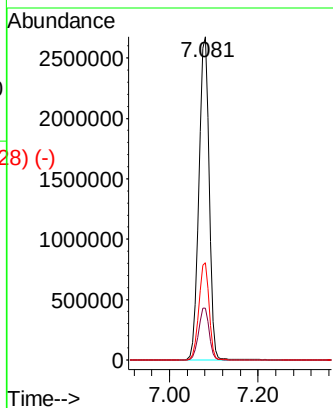
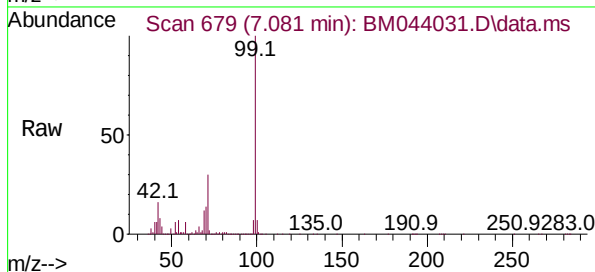




Phenol-d6
 Concen: 119.438 ng
 RT: 7.081 min Scan# 679
 Delta R.T. 0.000 min
 Lab File: BM044031.D
 Acq: 09 Feb 2024 10:05

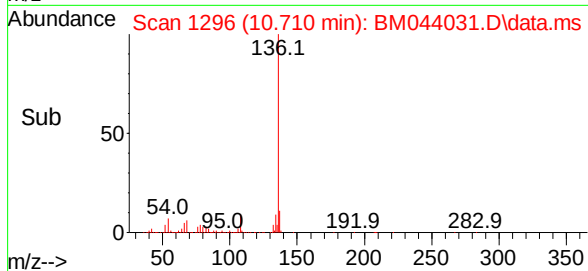
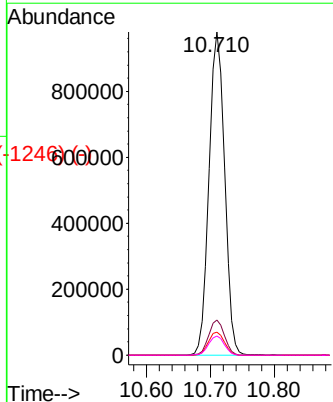
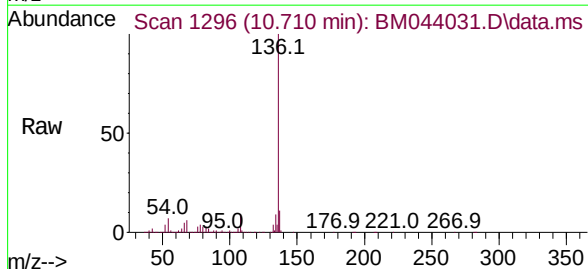
Instrument :
 BNA_M
 ClientSampleId :
 PB158553BL

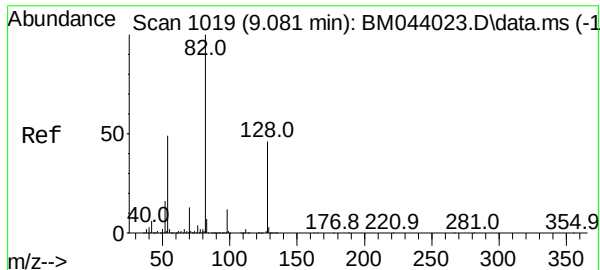
Tgt Ion: 99 Resp: 4363248
 Ion Ratio Lower Upper
 99 100
 42 16.0 12.9 19.3
 71 30.1 23.9 35.9



Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.710 min Scan# 1296
 Delta R.T. -0.006 min
 Lab File: BM044031.D
 Acq: 09 Feb 2024 10:05

Tgt Ion: 136 Resp: 1653225
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.9 13.3
 54 7.2 5.9 8.9
 68 5.9 4.8 7.2





Nitrobenzene-d5

Concen: 83.180 ng

RT: 9.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BM044031.D

Acq: 09 Feb 2024 10:05

Instrument :

BNA_M

ClientSampleId :

PB158553BL

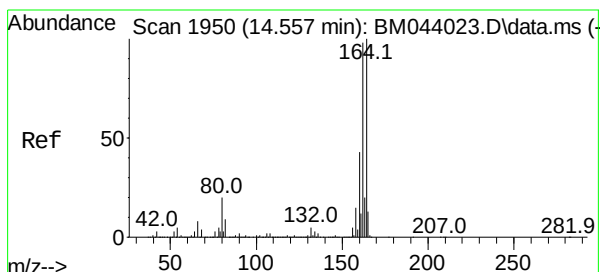
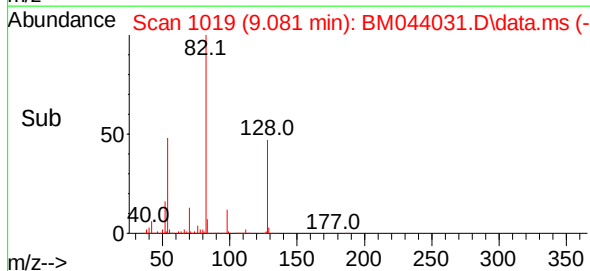
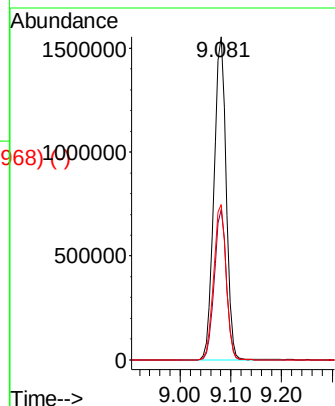
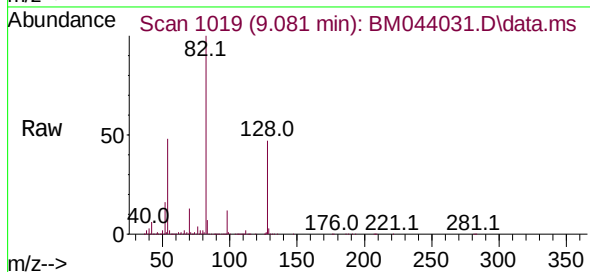
Tgt Ion: 82 Resp: 2591523

Ion Ratio Lower Upper

82 100

128 46.5 37.1 55.7

54 48.1 38.9 58.3



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BM044031.D

Acq: 09 Feb 2024 10:05

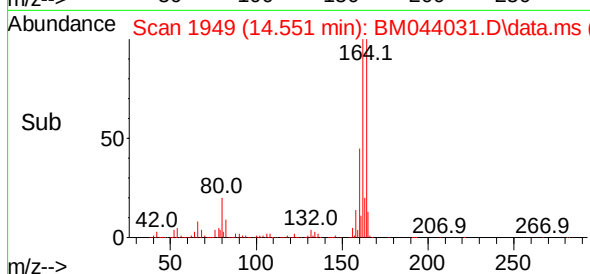
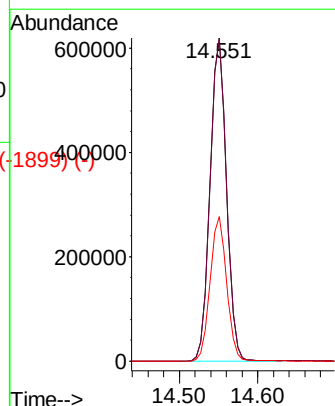
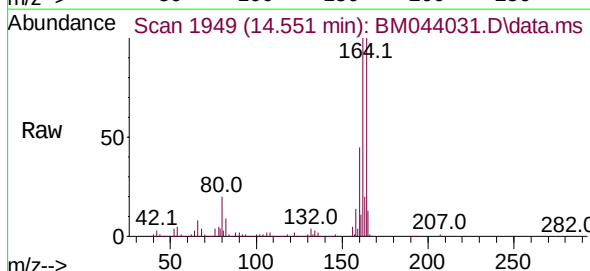
Tgt Ion: 164 Resp: 895128

Ion Ratio Lower Upper

164 100

162 99.8 78.4 117.6

160 44.8 34.6 51.8



Abundance Scan 2203 (16.045 min): BM044023.D\data.ms (-2142) (-)

2,4,6-Tribromophenol

Concen: 117.286 ng

RT: 16.045 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BM044031.D

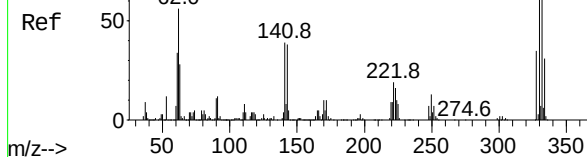
Acq: 09 Feb 2024 10:05

Instrument :

BNA_M

ClientSampleId :

PB158553BL



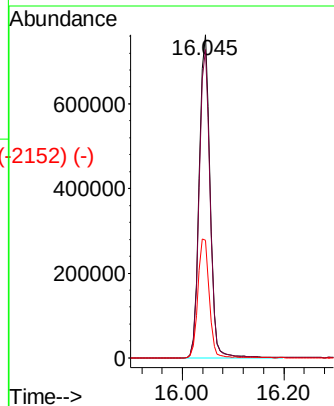
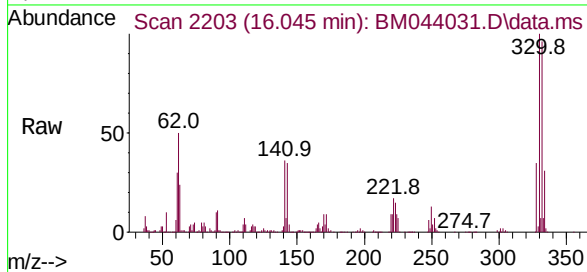
Tgt Ion:330 Resp: 1136707

Ion Ratio Lower Upper

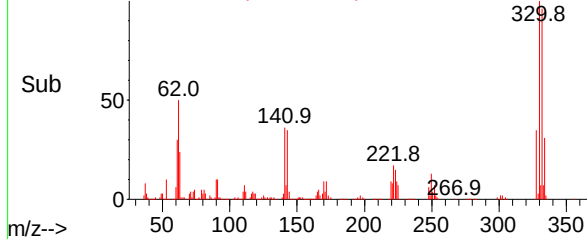
330 100

332 96.2 77.7 116.5

141 38.4 31.0 46.4



Abundance Scan 2203 (16.045 min): BM044031.D\data.ms (-2152) (-)



Abundance Scan 1716 (13.180 min): BM044023.D\data.ms (-1705) (-)

2-Fluorobiphenyl

Concen: 82.836 ng

RT: 13.180 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BM044031.D

Acq: 09 Feb 2024 10:05

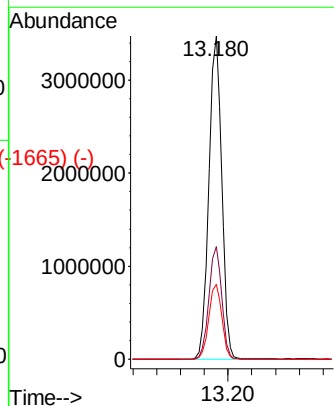
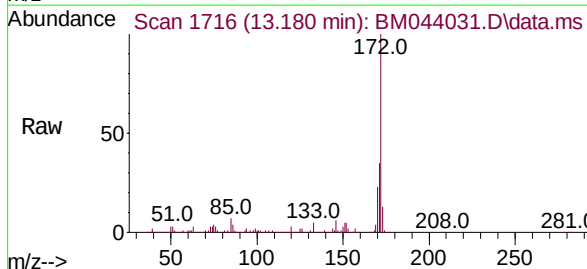
Tgt Ion:172 Resp: 5253851

Ion Ratio Lower Upper

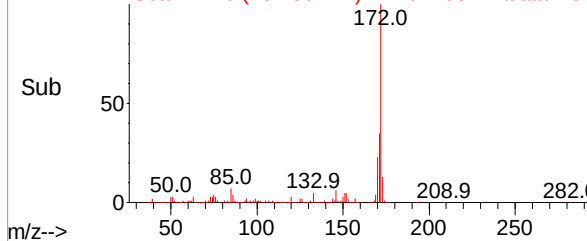
172 100

171 34.8 27.9 41.9

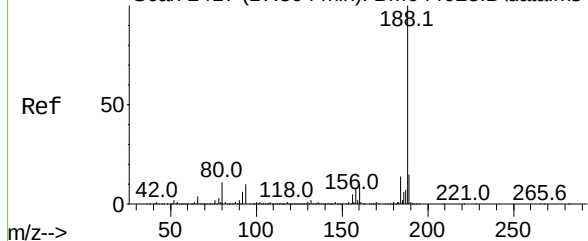
170 23.2 19.0 28.4



Abundance Scan 1716 (13.180 min): BM044031.D\data.ms (-1665) (-)



Abundance Scan 2417 (17.304 min): BM044023.D\data.ms (-2469) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM044031.D

Acq: 09 Feb 2024 10:05

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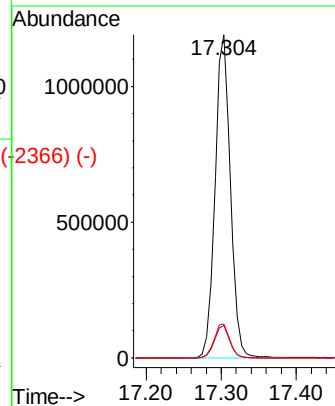
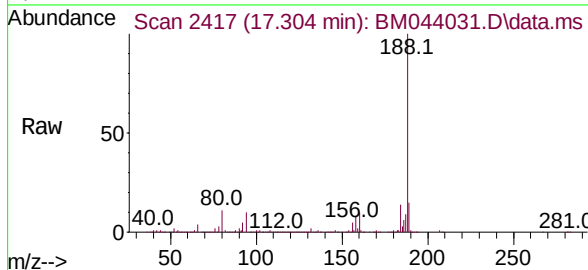
Tgt Ion:188 Resp: 1705432

Ion Ratio Lower Upper

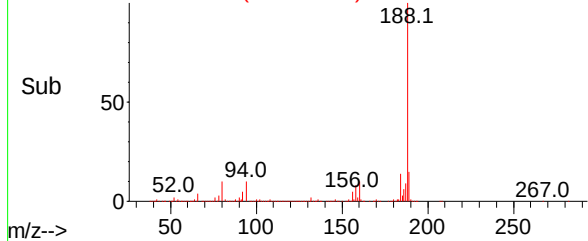
188 100

94 10.0 8.2 12.2

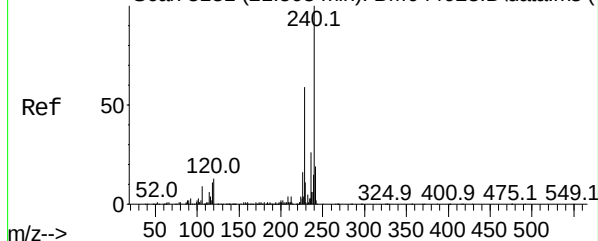
80 10.5 8.8 13.2



Abundance Scan 2417 (17.304 min): BM044031.D\data.ms (-2366) (-)



Abundance Scan 3131 (21.503 min): BM044023.D\data.ms (-3170) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044031.D

Acq: 09 Feb 2024 10:05

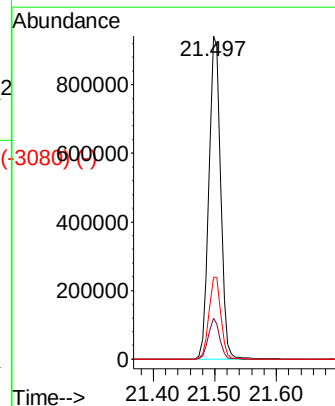
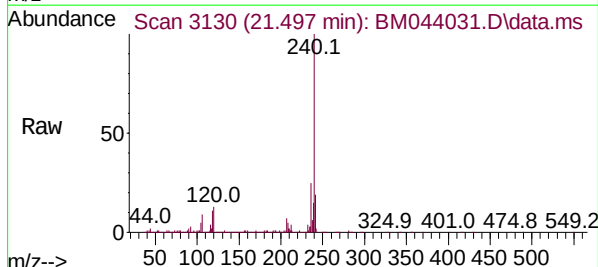
Tgt Ion:240 Resp: 1245822

Ion Ratio Lower Upper

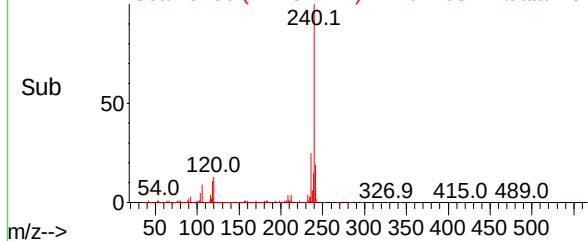
240 100

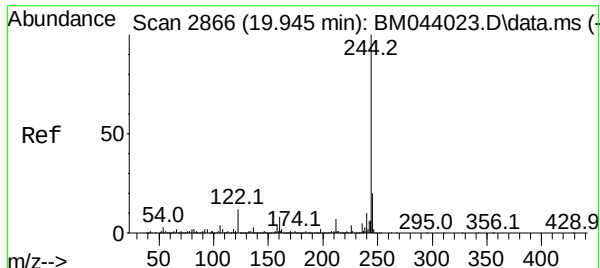
120 12.6 10.1 15.1

236 25.4 20.6 31.0



Abundance Scan 3130 (21.497 min): BM044031.D\data.ms (-3086) (-)



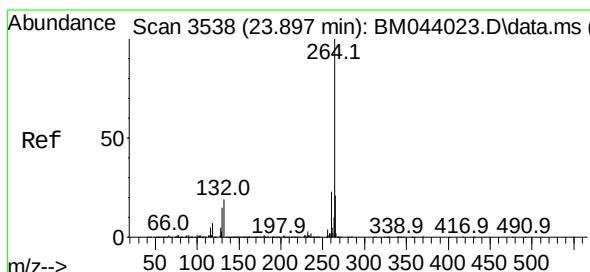
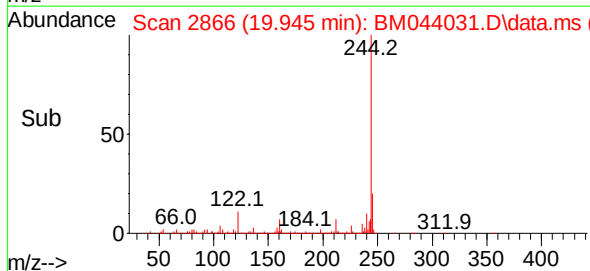
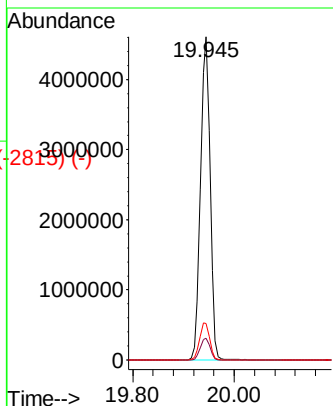
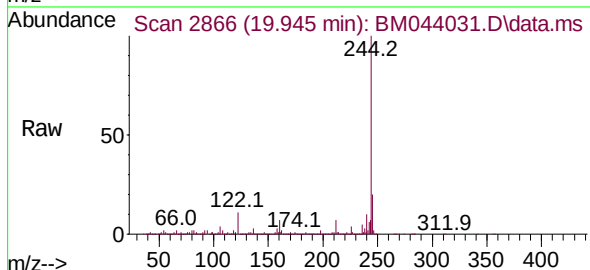


Terphenyl-d14
 Concen: 85.238 ng
 RT: 19.945 min Scan# 1
 Delta R.T. 0.000 min
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Tgt Ion:244 Resp: 6057591

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	11.4	9.5	14.3



Perylene-d12
 Concen: 20.000 ng
 RT: 23.891 min Scan# 3537
 Delta R.T. -0.006 min
 Lab File: BM044031.D
 Acq: 09 Feb 2024 10:05

Tgt Ion:264 Resp: 1338039

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.6	17.3	25.9

