

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033726.D
 Acq On : 14 Jan 2022 13:59
 Operator : CG/JU
 Sample : PB142032BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB142032BL

Quant Time: Jan 17 00:23:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 13 07:49:01 2022
 Response via : Initial Calibration

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

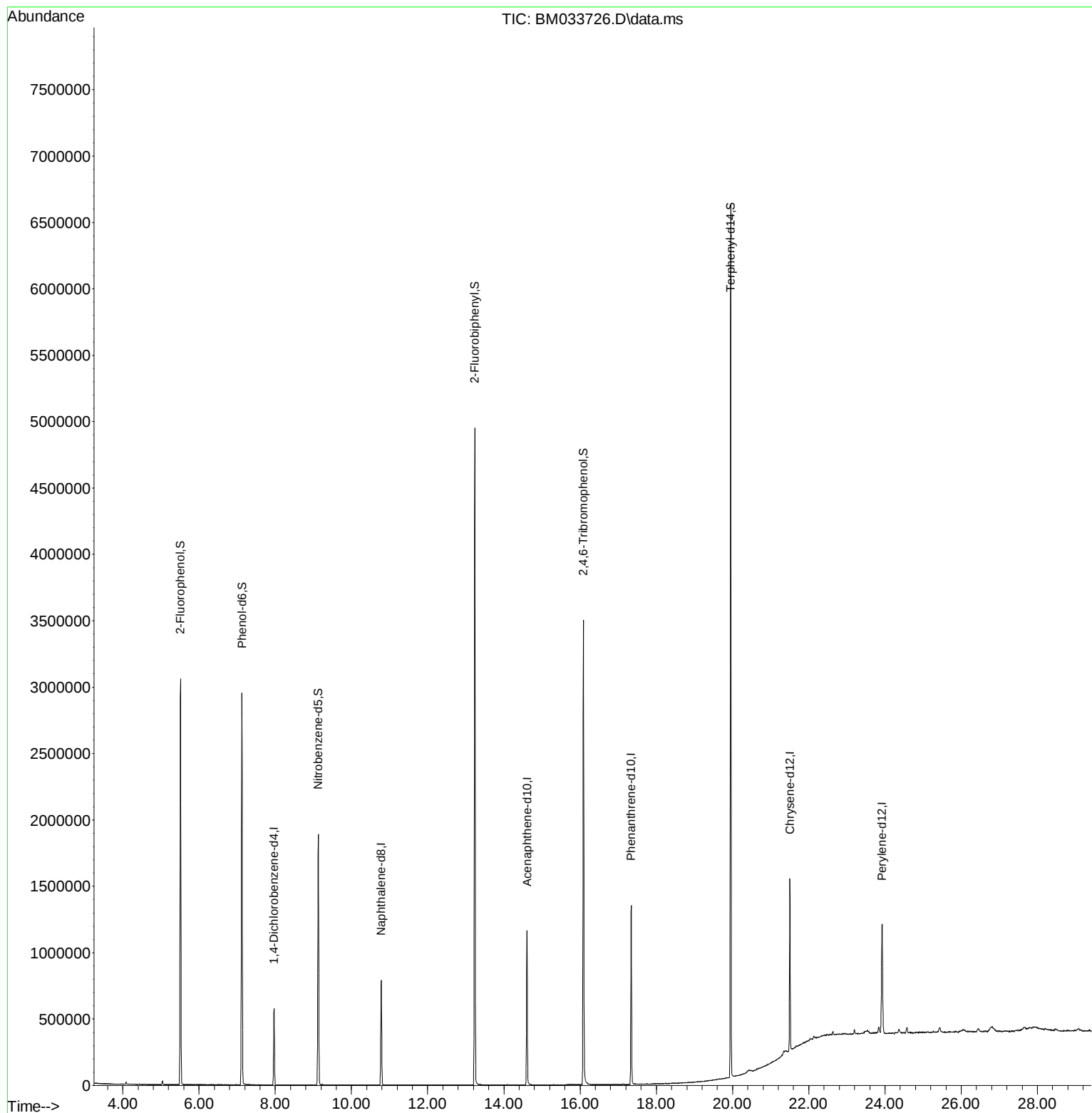
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	147454	20.000	ng	0.00
21) Naphthalene-d8	10.783	136	634905	20.000	ng	0.00
39) Acenaphthene-d10	14.607	164	408271	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	777263	20.000	ng	0.00
76) Chrysene-d12	21.500	240	583812	20.000	ng	0.00
86) Perylene-d12	23.918	264	627041	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1204914	128.875	ng	0.00
7) Phenol-d6	7.125	99	1561718	123.937	ng	0.00
23) Nitrobenzene-d5	9.131	82	1047835	76.219	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	609364	142.900	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	2364203	75.847	ng	0.00
79) Terphenyl-d14	19.953	244	2834754	87.400	ng	0.00
Target Compounds						
9) Benzaldehyde	7.084	77	242	Below Cal	Qvalue #	7

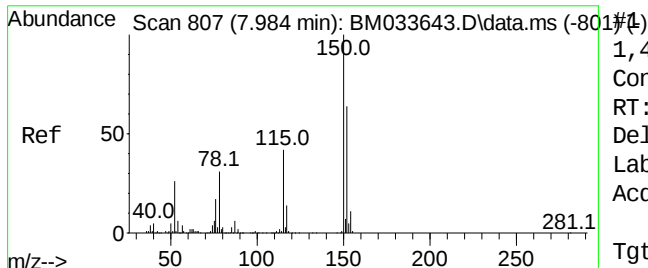
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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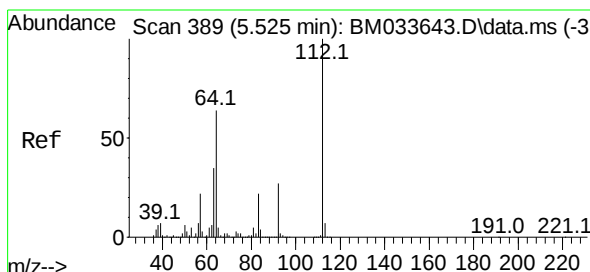
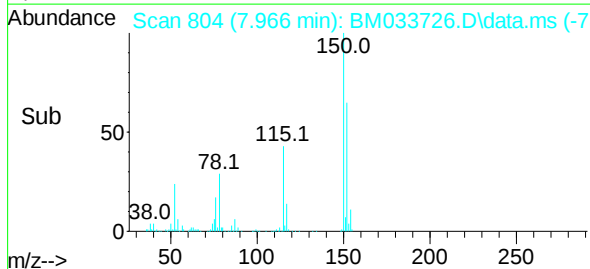
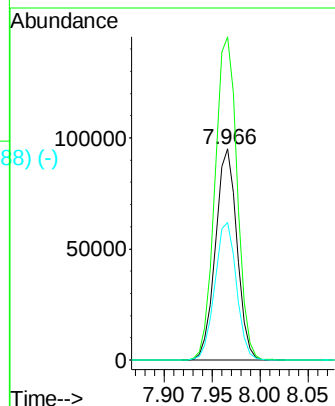
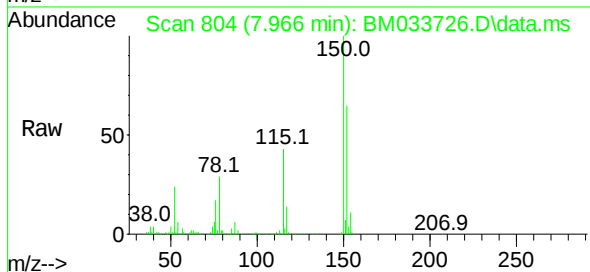




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.966 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BM033726.D
 Acq: 14 Jan 2022 13:59

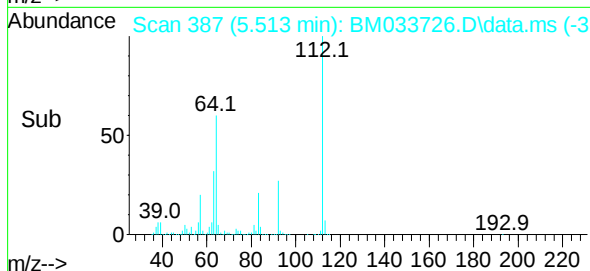
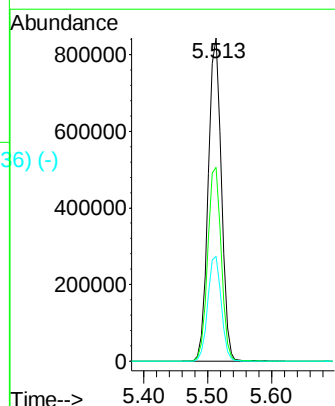
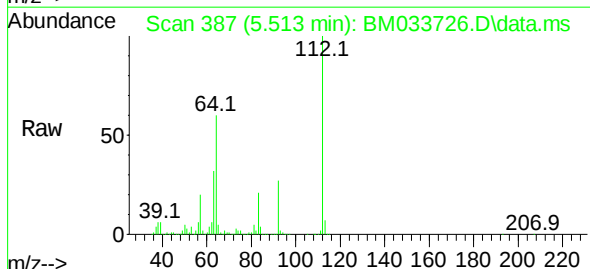
Instrument :
 BNA_M
 ClientSampleId :
 PB142032BL

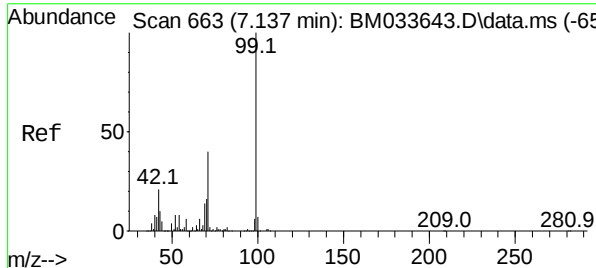
Tgt Ion:152 Resp: 147454
 Ion Ratio Lower Upper
 152 100
 150 152.9 128.9 193.3
 115 65.1 53.0 79.6



2-Fluorophenol
 Concen: 128.875 ng
 RT: 5.513 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: BM033726.D
 Acq: 14 Jan 2022 13:59

Tgt Ion:112 Resp: 1204914
 Ion Ratio Lower Upper
 112 100
 64 60.0 55.5 83.3
 63 32.5 31.3 46.9





Phenol-d6

Concen: 123.937 ng

RT: 7.125 min Scan#

Delta R.T. 0.000 min

Lab File: BM033726.D

Acq: 14 Jan 2022 13:59

Instrument :

BNA_M

ClientSampleId :

PB142032BL

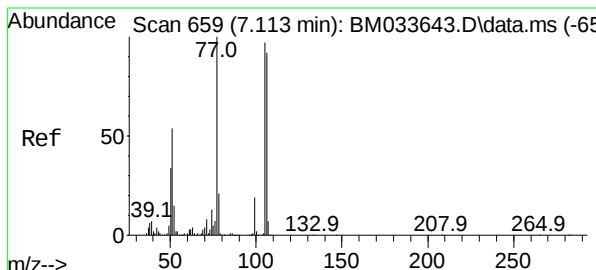
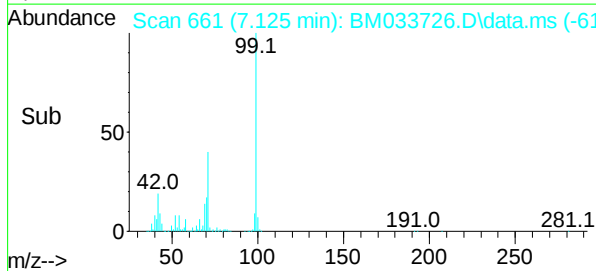
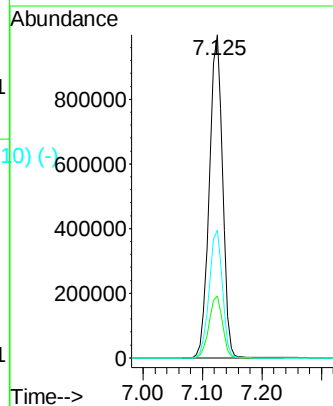
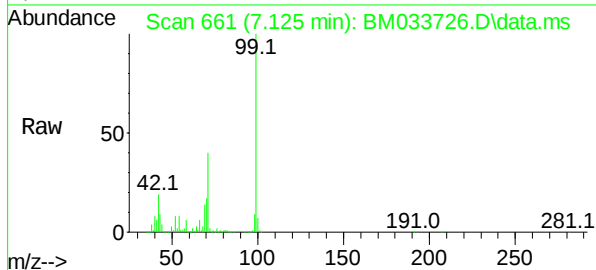
Tgt Ion: 99 Resp: 1561718

Ion Ratio Lower Upper

99 100

42 19.1 20.3 30.5#

71 39.6 34.5 51.7



Benzaldehyde

Concen: Below Cal

RT: 7.084 min Scan# 654

Delta R.T. -0.012 min

Lab File: BM033726.D

Acq: 14 Jan 2022 13:59

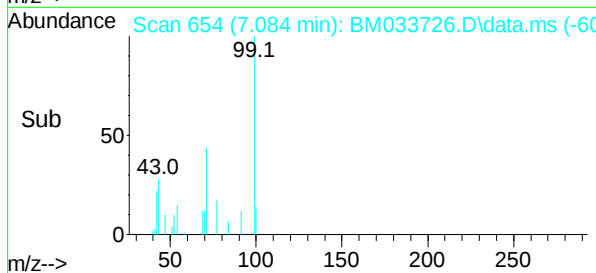
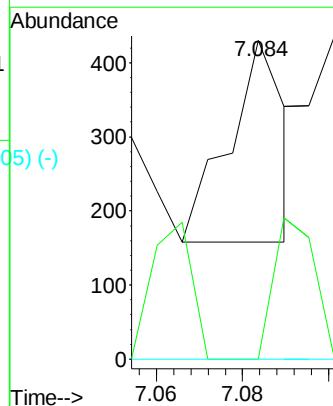
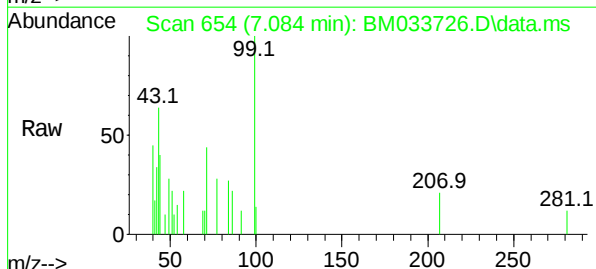
Tgt Ion: 77 Resp: 242

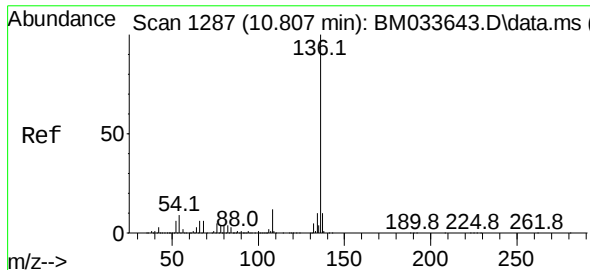
Ion Ratio Lower Upper

77 100

105 0.0 67.1 107.1#

106 0.0 64.3 104.3#

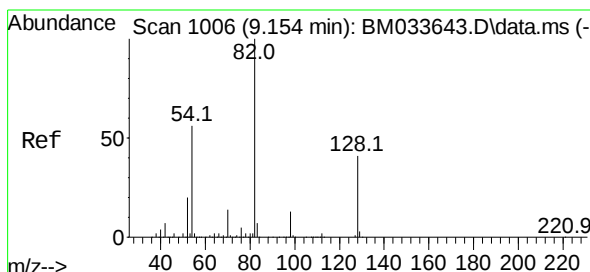
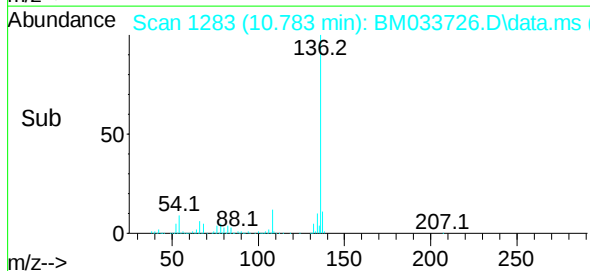
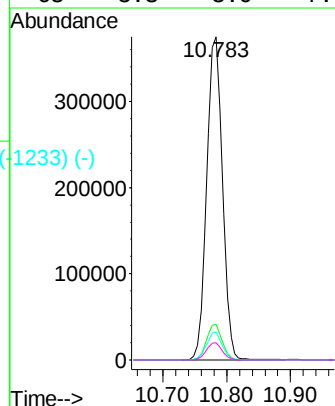
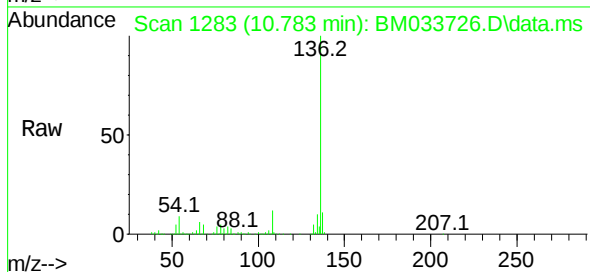




Naphthalene-d8
Concen: 20.000 ng
RT: 10.783 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM033726.D
Acq: 14 Jan 2022 13:59

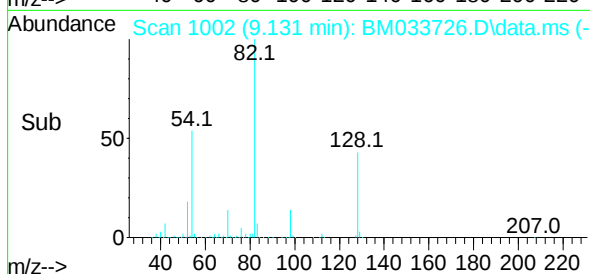
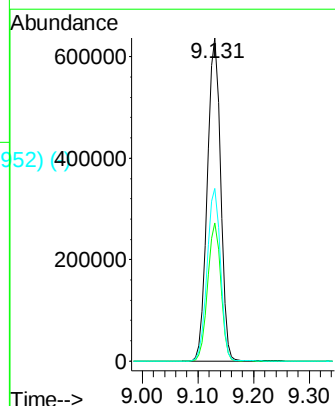
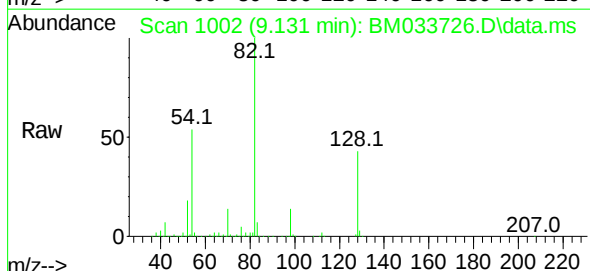
Instrument :
BNA_M
ClientSampleId :
PB142032BL

Tgt Ion:	136	Resp:	634905
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	8.3	12.5
68	5.3	5.0	7.6



Nitrobenzene-d5
Concen: 76.219 ng
RT: 9.131 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM033726.D
Acq: 14 Jan 2022 13:59

Tgt Ion:	82	Resp:	1047835
Ion	Ratio	Lower	Upper
82	100		
128	42.7	28.1	42.1#
54	53.5	46.1	69.1



Abundance Scan 1936 (14.624 min): BM033643.D\data.ms (-1829) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.607 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BM033726.D

Acq: 14 Jan 2022 13:59

Instrument :

BNA_M

ClientSampleId :

PB142032BL

Tgt Ion:164 Resp: 408271

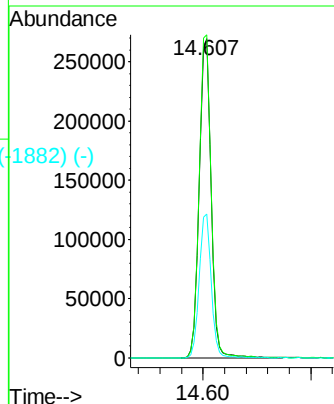
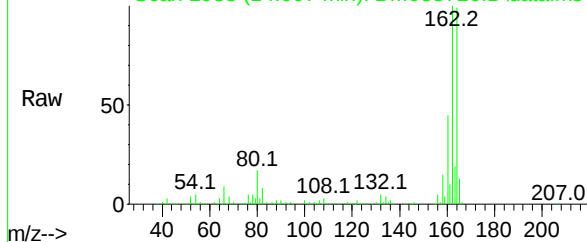
Ion Ratio Lower Upper

164 100

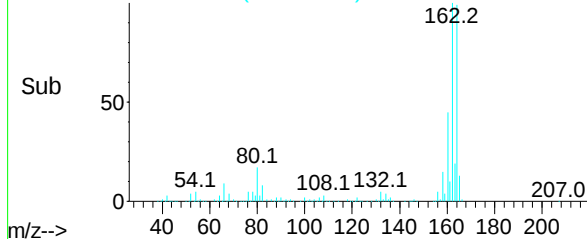
162 101.2 79.7 119.5

160 45.2 34.2 51.4

Abundance Scan 1933 (14.607 min): BM033726.D\data.ms



Abundance Scan 1933 (14.607 min): BM033726.D\data.ms (-1882) (-)



Abundance Scan 2188 (16.107 min): BM033643.D\data.ms (-2140) (-)

2,4,6-Tribromophenol

Concen: 142.900 ng

RT: 16.083 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BM033726.D

Acq: 14 Jan 2022 13:59

Tgt Ion:330 Resp: 609364

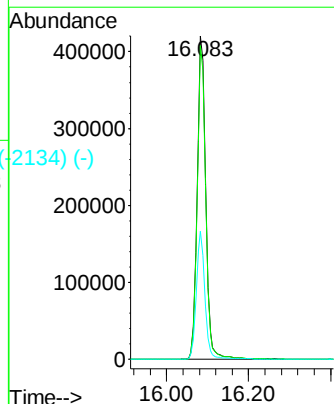
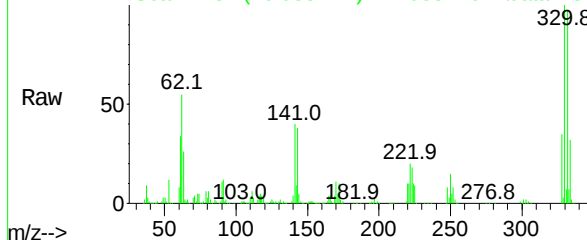
Ion Ratio Lower Upper

330 100

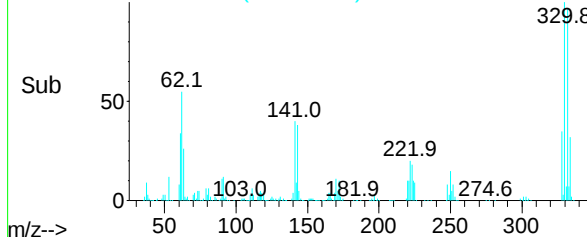
332 96.3 76.5 114.7

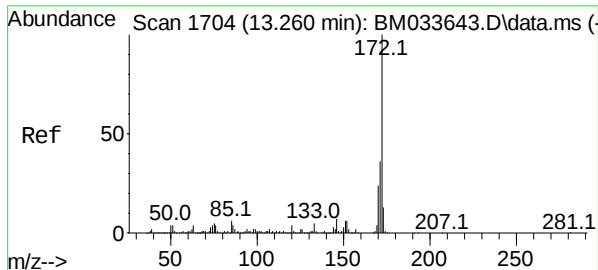
141 39.5 35.9 53.9

Abundance Scan 2184 (16.083 min): BM033726.D\data.ms



Abundance Scan 2184 (16.083 min): BM033726.D\data.ms (-2134) (-)

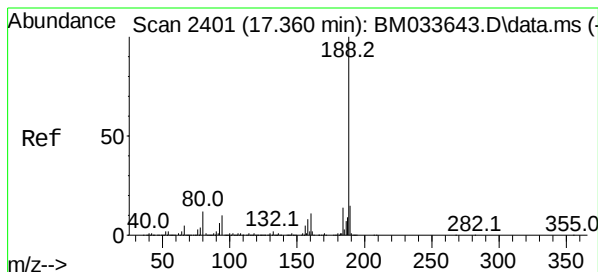
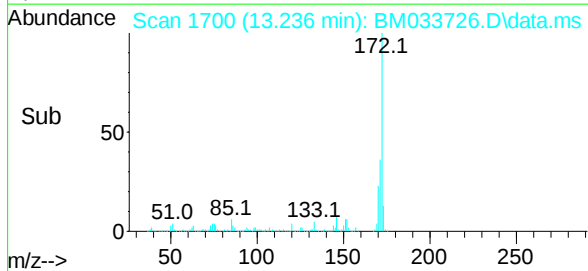
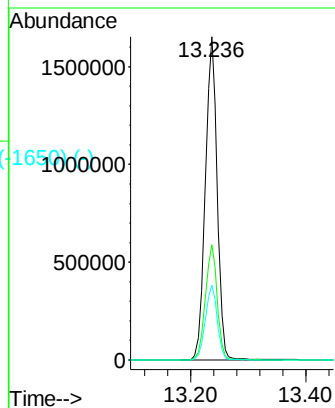
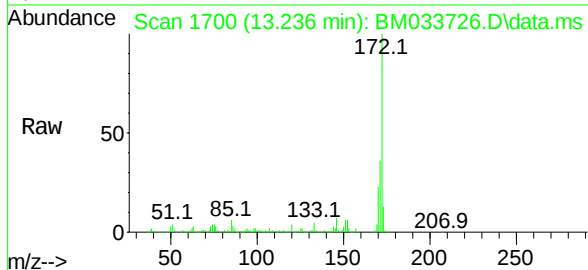




2-Fluorobiphenyl
Concen: 75.847 ng
RT: 13.236 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BM033726.D
Acq: 14 Jan 2022 13:59

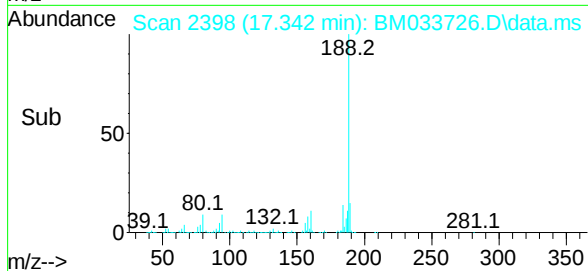
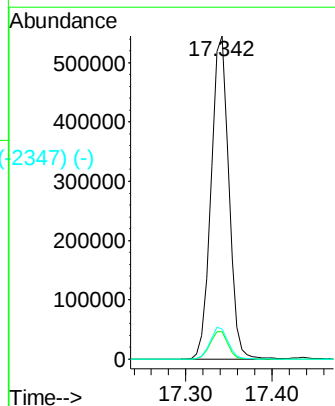
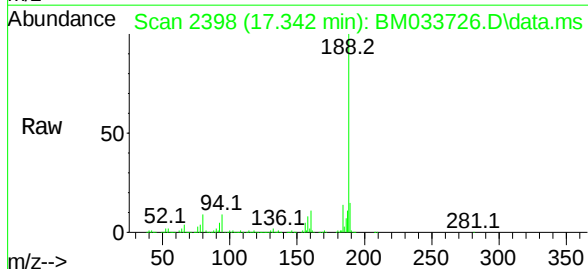
Instrument :
BNA_M
ClientSampleId :
PB142032BL

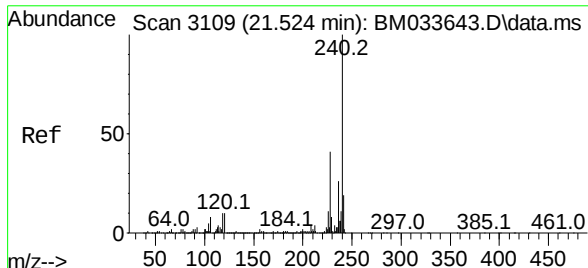
Tgt Ion:172 Resp: 2364203
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 23.2 18.7 28.1



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM033726.D
Acq: 14 Jan 2022 13:59

Tgt Ion:188 Resp: 777263
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 9.3 8.9 13.3





Chrysene-d12

Concen: 20.000 ng

RT: 21.500 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM033726.D

Acq: 14 Jan 2022 13:59

Instrument :

BNA_M

ClientSampleId :

PB142032BL

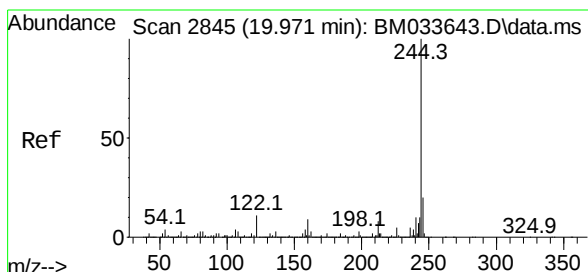
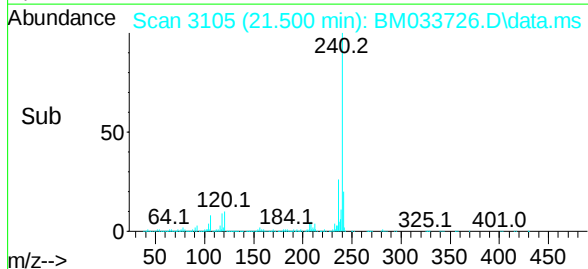
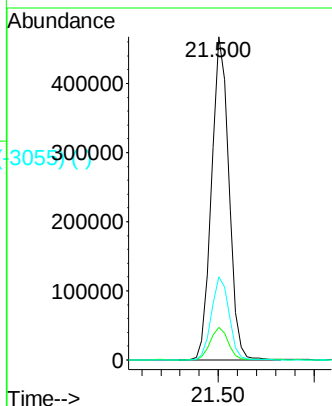
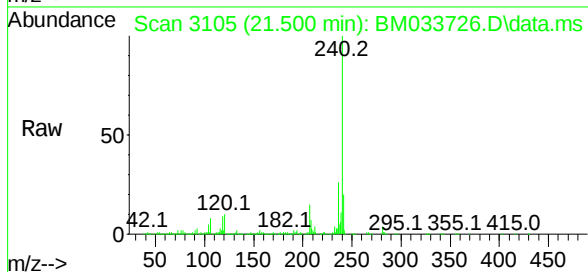
Tgt Ion:240 Resp: 583812

Ion Ratio Lower Upper

240 100

120 10.0 7.8 11.6

236 25.8 20.3 30.5



Terphenyl-d14

Concen: 87.400 ng

RT: 19.953 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM033726.D

Acq: 14 Jan 2022 13:59

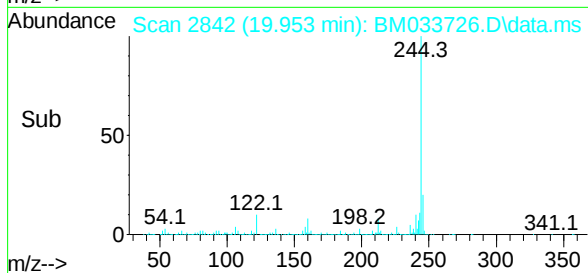
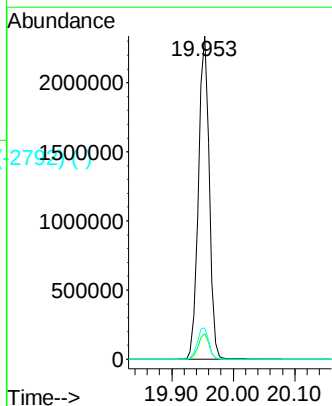
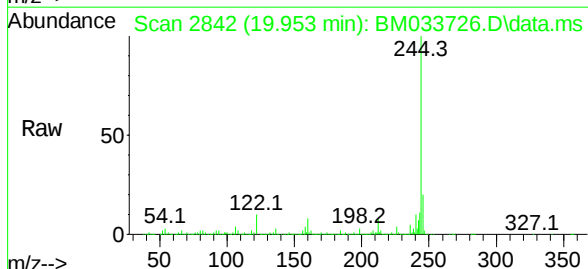
Tgt Ion:244 Resp: 2834754

Ion Ratio Lower Upper

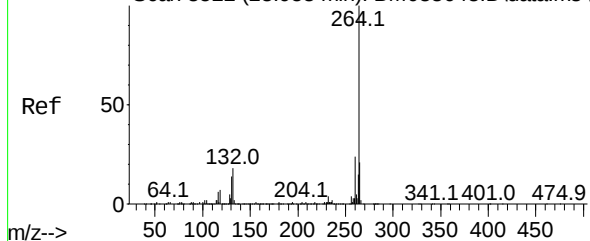
244 100

212 7.9 5.9 8.9

122 9.7 8.4 12.6



Abundance Scan 3522 (23.953 min): BM033643.D\data.ms (-3522) (-)



Perylene-d12

Concen: 20.000 ng

RT: 23.918 min Scan#

Delta R.T. -0.012 min

Lab File: BM033726.D

Acq: 14 Jan 2022 13:59

Instrument :

BNA_M

ClientSampleId :

PB142032BL

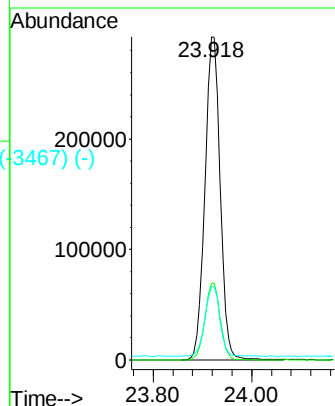
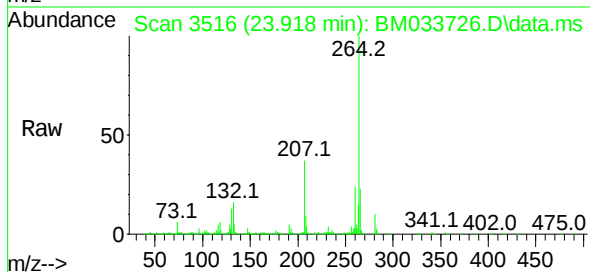
Tgt Ion:264 Resp: 627041

Ion Ratio Lower Upper

264 100

260 23.8 17.7 26.5

265 22.7 17.7 26.5



Abundance Scan 3516 (23.918 min): BM033726.D\data.ms (-3467) (-)

