

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
 Data File : BM033261.D
 Acq On : 26 Nov 2021 12:52
 Operator : CG/JU
 Sample : PB140963TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB140963TB

Quant Time: Nov 26 14:49:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	138974	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	549322	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	318098	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	588894	20.000	ng	# 0.00
76) Chrysene-d12	21.453	240	491499	20.000	ng	0.00
86) Perylene-d12	23.789	264	549969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1110541	131.961	ng	0.00
7) Phenol-d6	7.101	99	1445159	128.220	ng	0.00
23) Nitrobenzene-d5	9.095	82	995471	84.127	ng	0.00
42) 2,4,6-Tribromophenol	16.042	330	364383	105.083	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	1917399	85.009	ng	0.00
79) Terphenyl-d14	19.901	244	2176798	87.577	ng	0.00

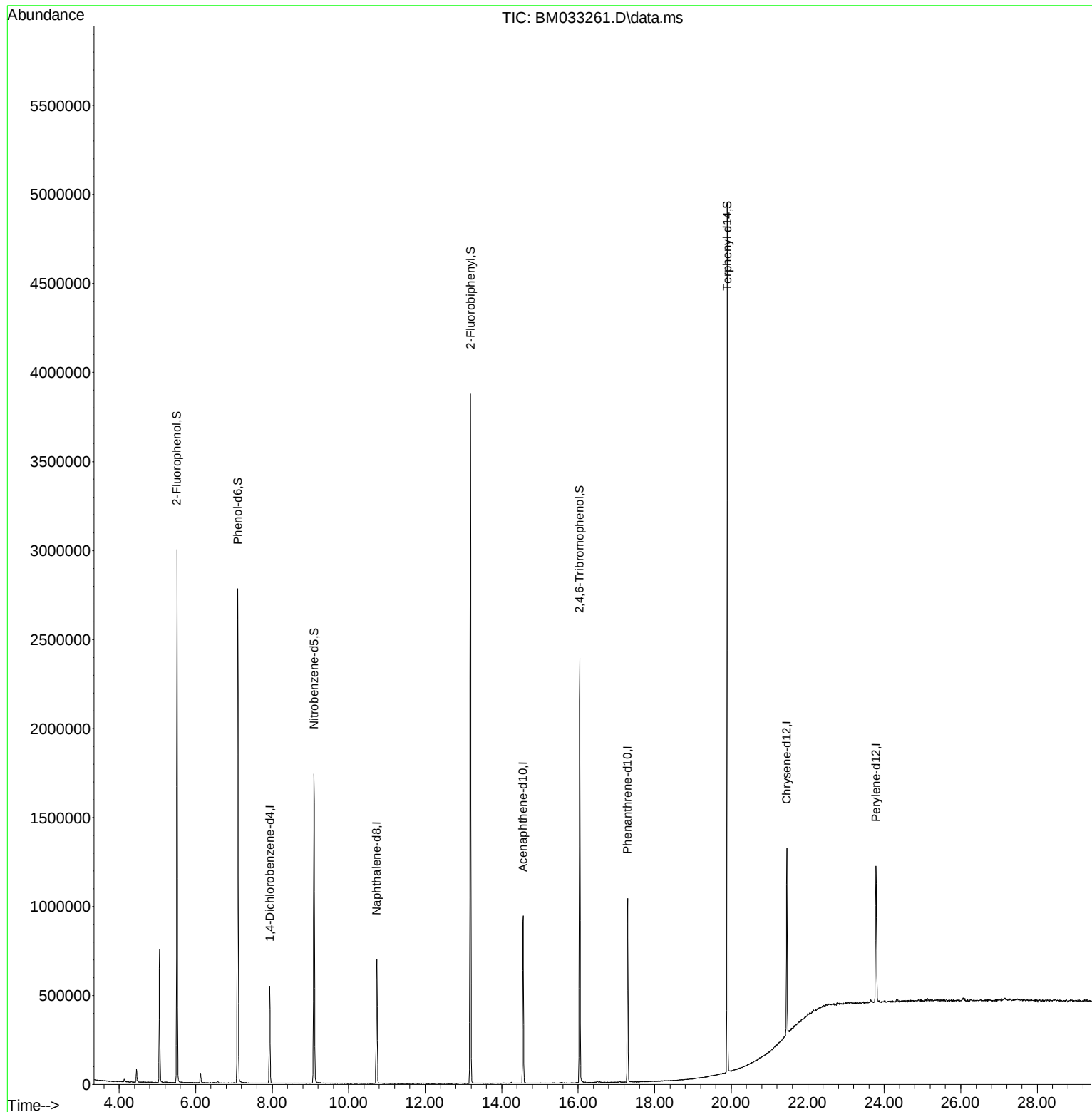
Target Compounds Qvalue

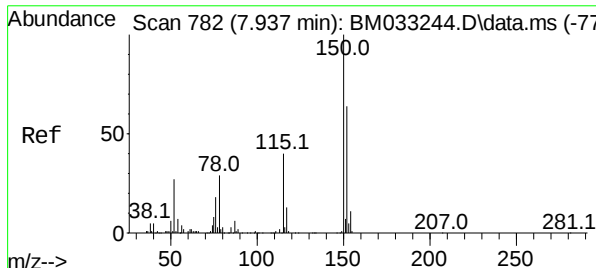
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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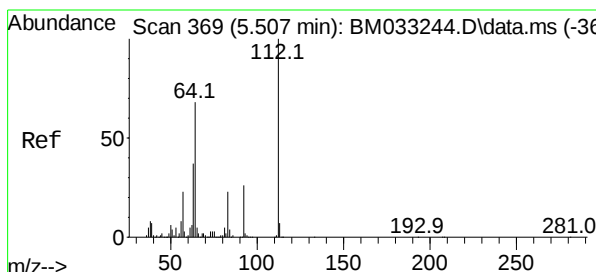
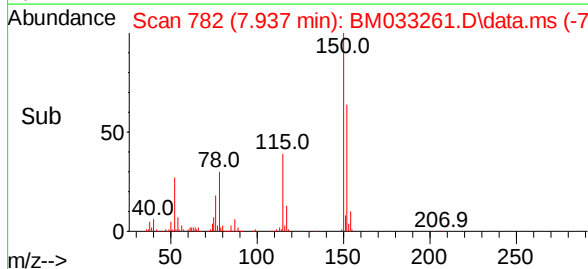
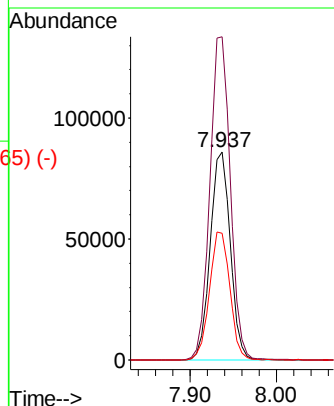
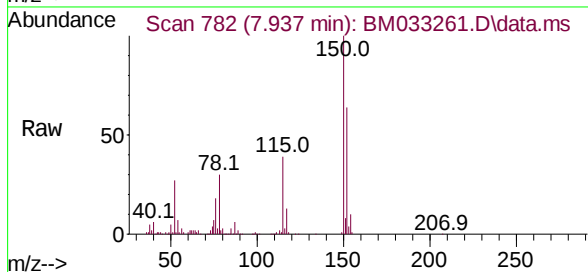




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.937 min Scan#
 Delta R.T. -0.000 min
 Lab File: BM033261.D
 Acq: 26 Nov 2021 12:52

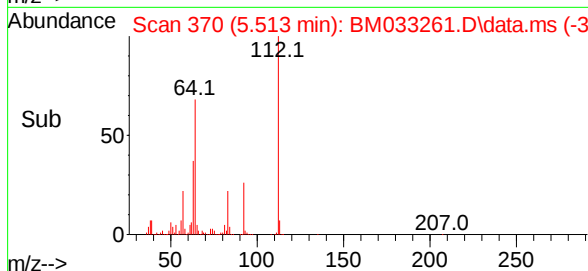
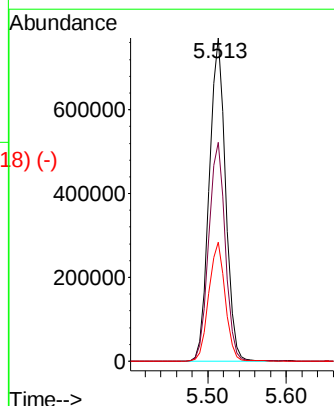
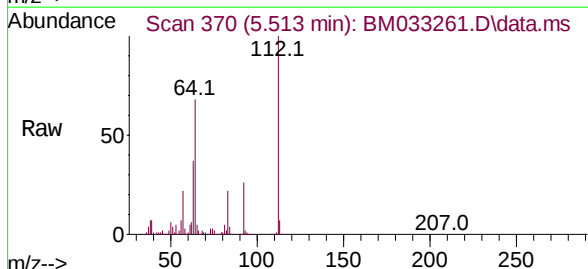
Instrument :
 BNA_M
 ClientSampleId :
 PB140963TB

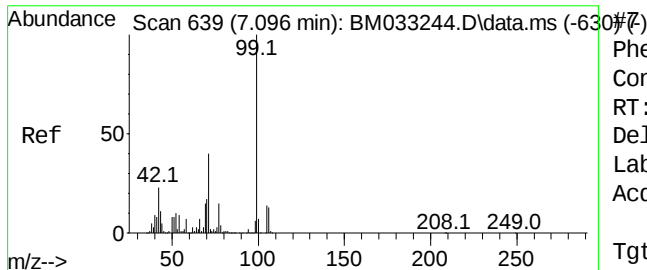
Tgt Ion:152 Resp: 138974
 Ion Ratio Lower Upper
 152 100
 150 155.4 122.4 183.6
 115 61.0 53.8 80.8



2-Fluorophenol
 Concen: 131.961 ng
 RT: 5.513 min Scan# 370
 Delta R.T. 0.006 min
 Lab File: BM033261.D
 Acq: 26 Nov 2021 12:52

Tgt Ion:112 Resp: 1110541
 Ion Ratio Lower Upper
 112 100
 64 67.7 53.7 80.5
 63 36.7 33.9 50.9





Phenol-d6

Concen: 128.220 ng

RT: 7.101 min Scan#

Delta R.T. 0.006 min

Lab File: BM033261.D

Acq: 26 Nov 2021 12:52

Instrument :

BNA_M

ClientSampleId :

PB140963TB

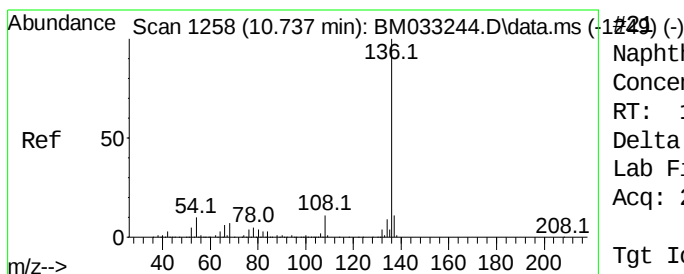
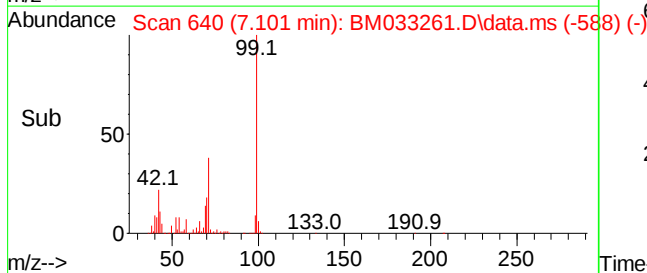
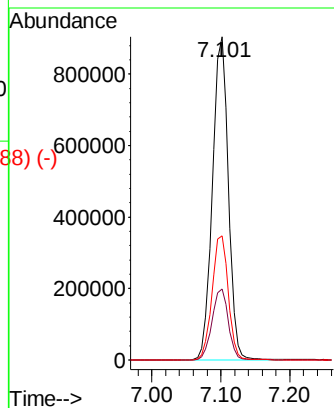
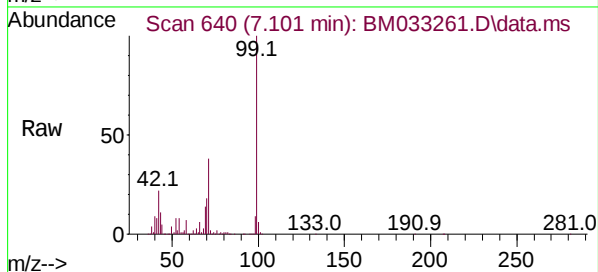
Tgt Ion: 99 Resp: 1445159

Ion Ratio Lower Upper

99 100

42 22.0 23.0 34.6#

71 38.4 37.8 56.8



Naphthalene-d8

Concen: 20.000 ng

RT: 10.731 min Scan# 1257

Delta R.T. -0.006 min

Lab File: BM033261.D

Acq: 26 Nov 2021 12:52

Tgt Ion: 136 Resp: 549322

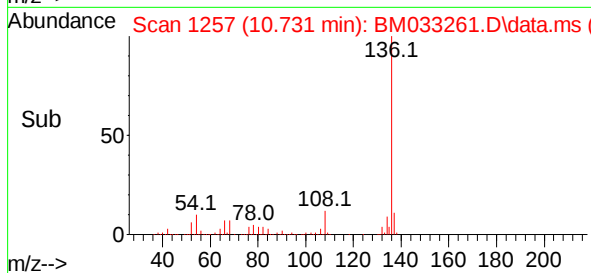
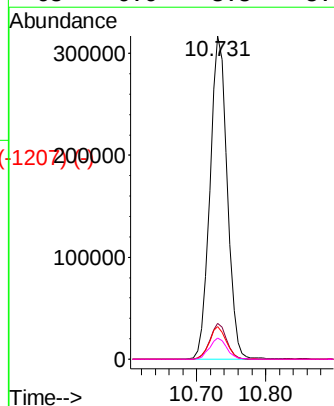
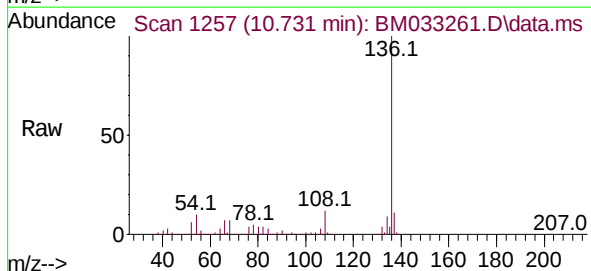
Ion Ratio Lower Upper

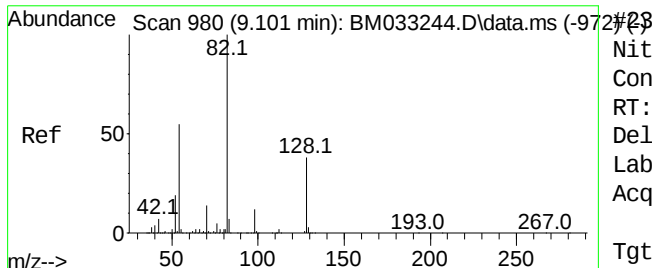
136 100

137 11.0 8.7 13.1

54 10.1 7.4 11.0

68 6.6 3.8 5.8#





Nitrobenzene-d5

Concen: 84.127 ng

RT: 9.095 min Scan# 1908

Delta R.T. -0.006 min

Lab File: BM033261.D

Acq: 26 Nov 2021 12:52

Instrument :

BNB_M

ClientSampleId :

PB140963TB

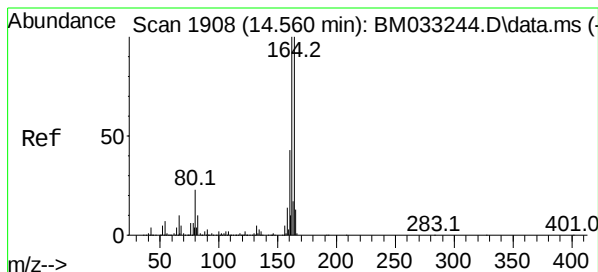
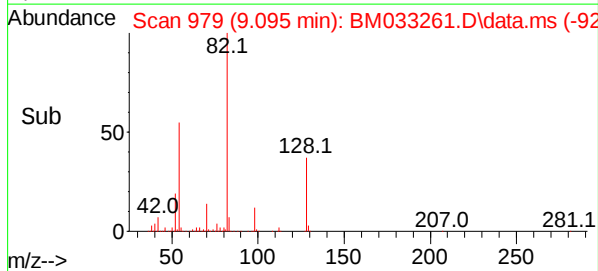
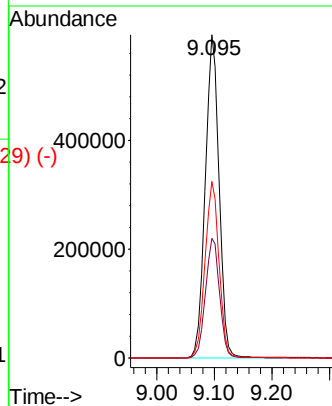
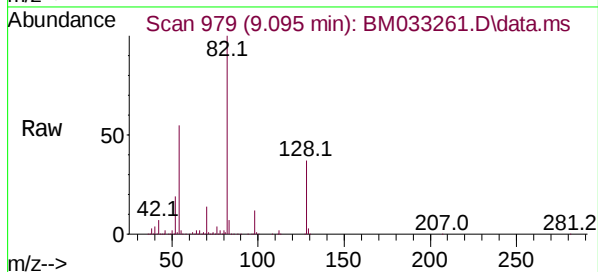
Tgt Ion: 82 Resp: 995471

Ion Ratio Lower Upper

82 100

128 37.1 29.0 43.6

54 54.7 45.8 68.8



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.560 min Scan# 1908

Delta R.T. -0.000 min

Lab File: BM033261.D

Acq: 26 Nov 2021 12:52

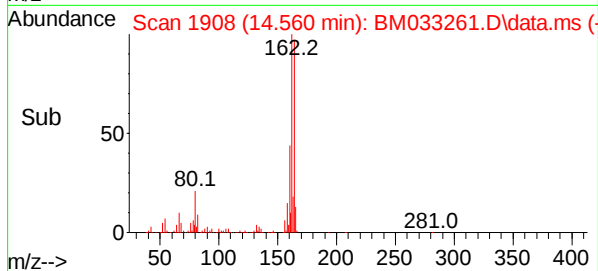
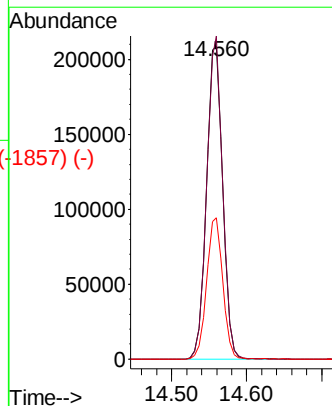
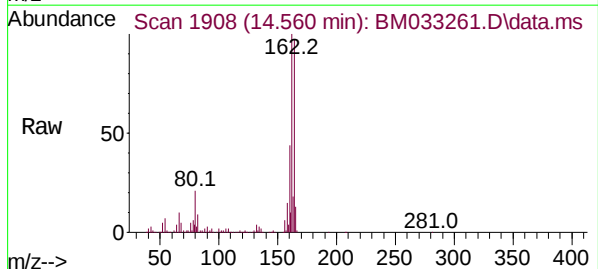
Tgt Ion:164 Resp: 318098

Ion Ratio Lower Upper

164 100

162 103.2 80.6 121.0

160 45.2 35.1 52.7



Abundance Scan 2160 (16.042 min): BM033244.D\data.ms (-2142) (-)

2,4,6-Tribromophenol

Concen: 105.083 ng

RT: 16.042 min Scan# 2160

Delta R.T. -0.000 min

Lab File: BM033261.D

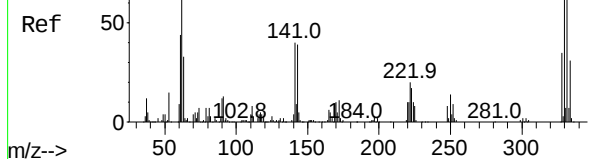
Acq: 26 Nov 2021 12:52

Instrument :

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PB140963TB



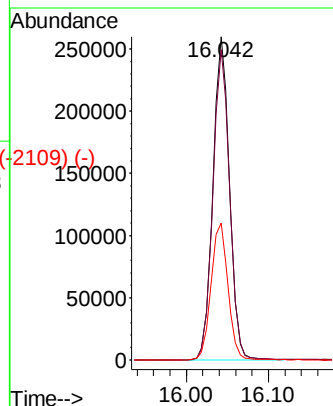
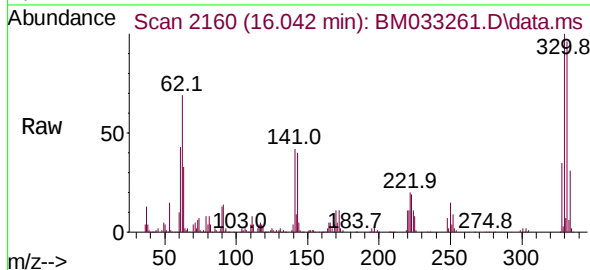
Tgt Ion:330 Resp: 364383

Ion Ratio Lower Upper

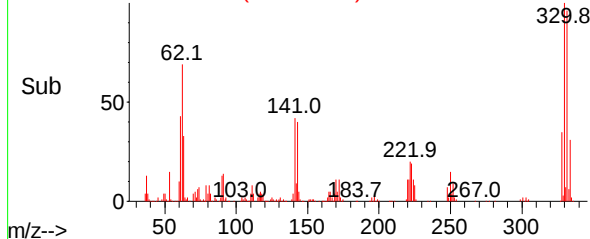
330 100

332 97.1 75.7 113.5

141 43.2 50.7 76.1#



Abundance Scan 2160 (16.042 min): BM033261.D\data.ms (-2109) (-)



Abundance Scan 1674 (13.183 min): BM033244.D\data.ms (-1645) (-)

2-Fluorobiphenyl

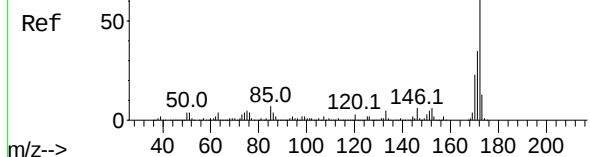
Concen: 85.009 ng

RT: 13.183 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BM033261.D

Acq: 26 Nov 2021 12:52



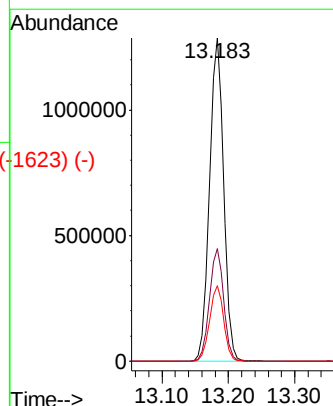
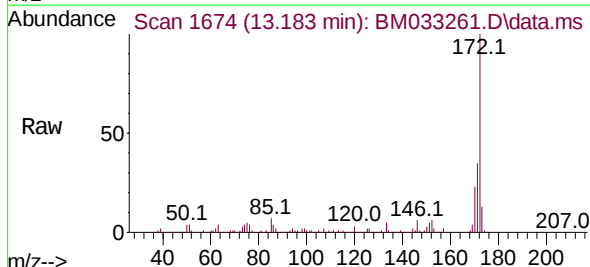
Tgt Ion:172 Resp: 1917399

Ion Ratio Lower Upper

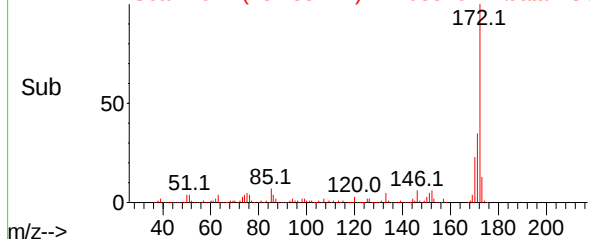
172 100

171 34.9 28.1 42.1

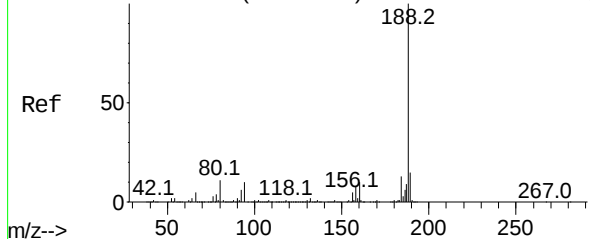
170 23.4 18.6 27.8



Abundance Scan 1674 (13.183 min): BM033261.D\data.ms (-1623) (-)



Abundance Scan 2373 (17.295 min): BM033244.D\data.ms (-366) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.295 min Scan# 2373

Delta R.T. -0.000 min

Lab File: BM033261.D

Acq: 26 Nov 2021 12:52

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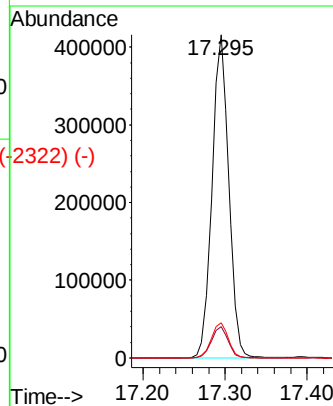
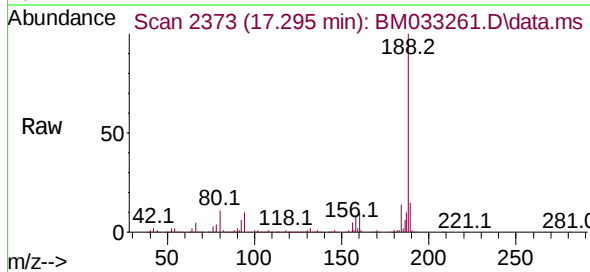
Tgt Ion:188 Resp: 588894

Ion Ratio Lower Upper

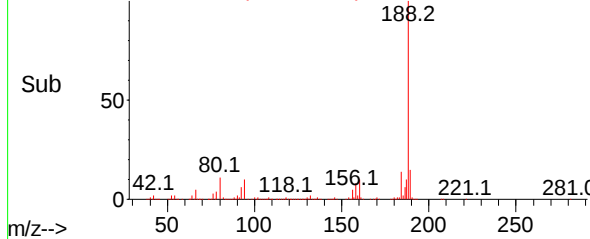
188 100

94 9.6 6.3 9.5#

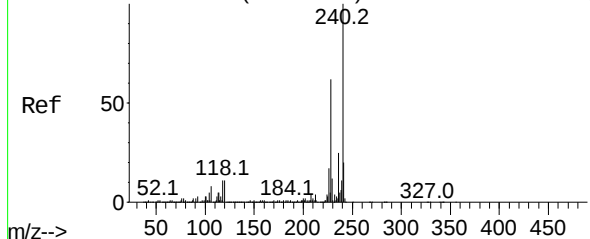
80 10.9 7.3 10.9



Abundance Scan 2373 (17.295 min): BM033261.D\data.ms (-2322) (-)



Abundance Scan 3080 (21.453 min): BM033244.D\data.ms (-3079) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.453 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM033261.D

Acq: 26 Nov 2021 12:52

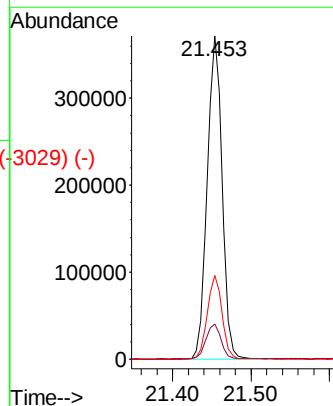
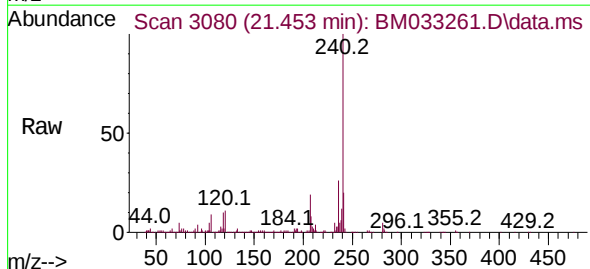
Tgt Ion:240 Resp: 491499

Ion Ratio Lower Upper

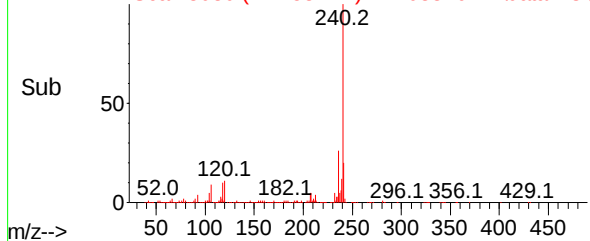
240 100

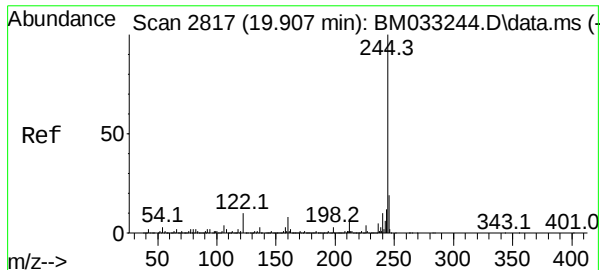
120 10.8 7.8 11.6

236 25.8 20.9 31.3



Abundance Scan 3080 (21.453 min): BM033261.D\data.ms (-3029) (-)



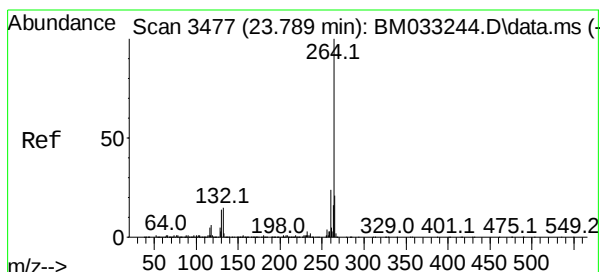
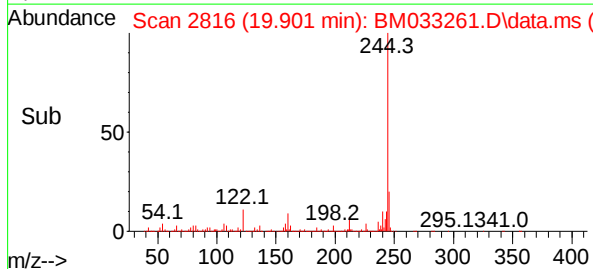
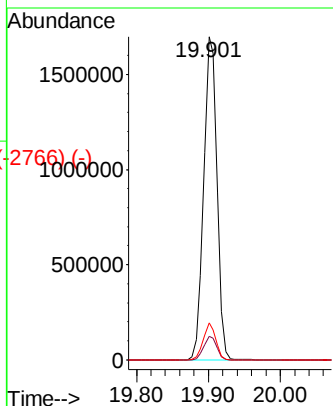
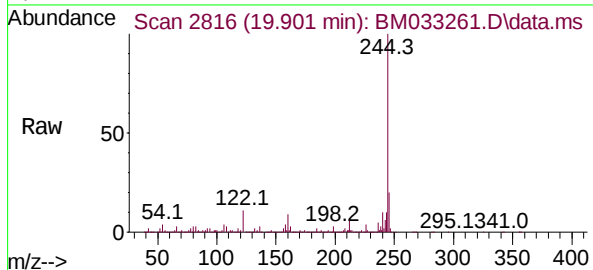


Terphenyl-d14
 Concen: 87.577 ng
 RT: 19.901 min Scan# 2816
 Delta R.T. -0.006 min
 Lab File: BM033261.D
 Acq: 26 Nov 2021 12:52

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Tgt Ion:244 Resp: 2176798

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	11.4	8.7	13.1



Perylene-d12
 Concen: 20.000 ng
 RT: 23.789 min Scan# 3477
 Delta R.T. -0.000 min
 Lab File: BM033261.D
 Acq: 26 Nov 2021 12:52

Tgt Ion:264 Resp: 549969

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.7	18.3	27.5

