

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003429.D
 Acq On : 10 Dec 2015 01:06
 Operator : UM/IZ
 Sample : G4644-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S8-0528

Quant Time: Dec 10 02:21:11 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	77862	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	340349	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	182831	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	361944	20.00	ng	0.00
75) Chrysene-d12	21.32	240	357289	20.00	ng	0.00
86) Perylene-d12	23.57	264	351011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	286966	65.53	ng	0.00
7) Phenol-d6	6.89	99	232512	38.23	ng	0.00
23) Nitrobenzene-d5	8.88	82	531680	96.86	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	248357	136.02	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1221930	91.06	ng	0.00
78) Terphenyl-d14	19.76	244	1231125	81.26	ng	0.00

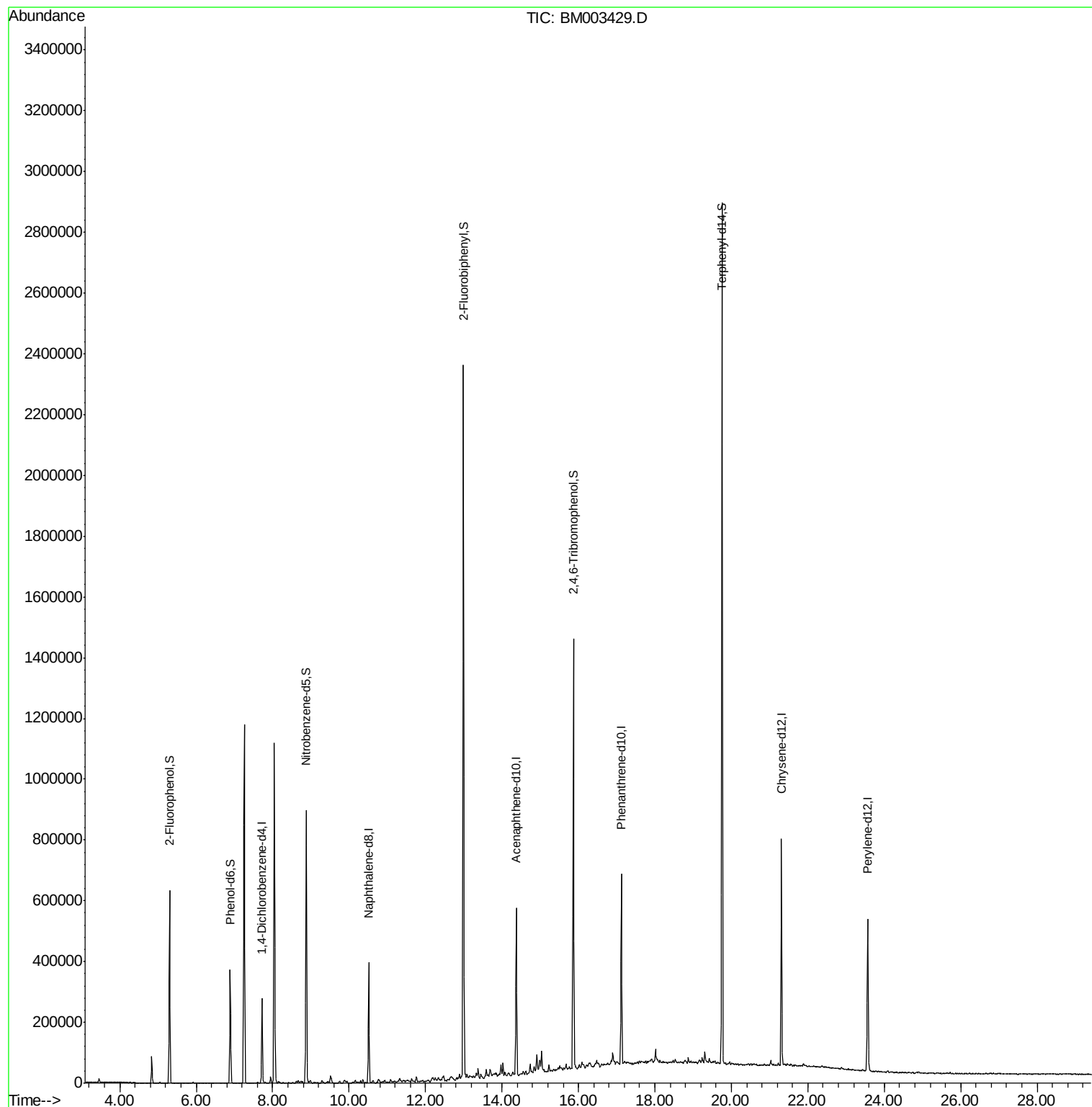
Target Compounds	Qvalue
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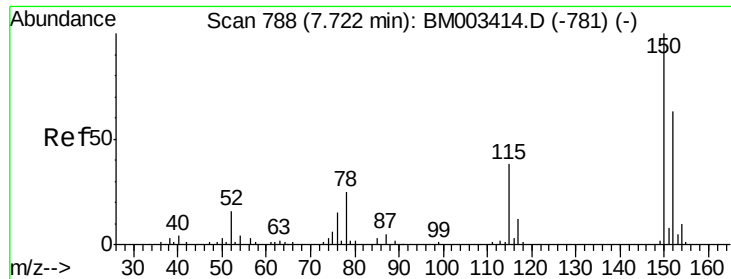
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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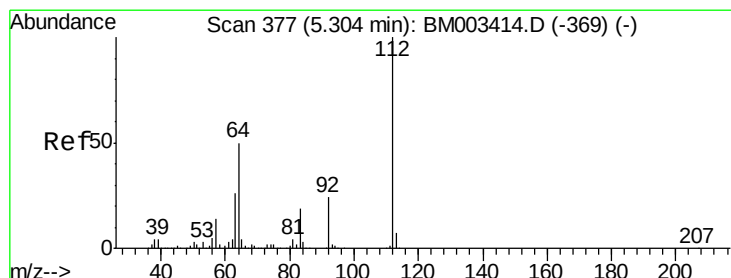
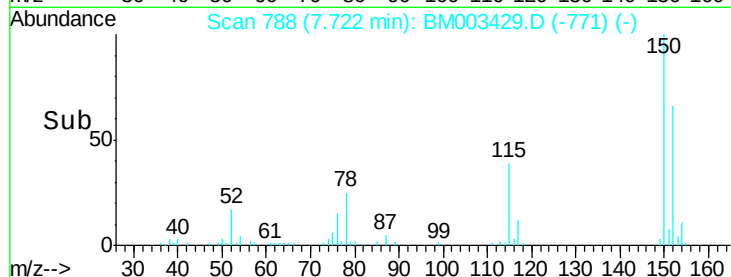
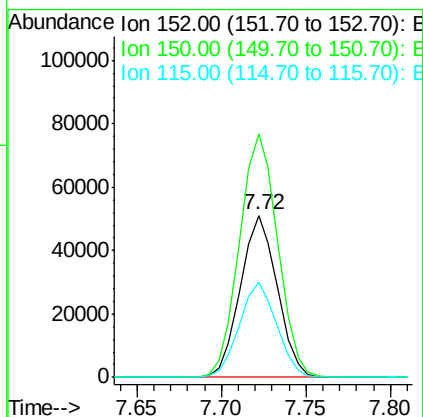
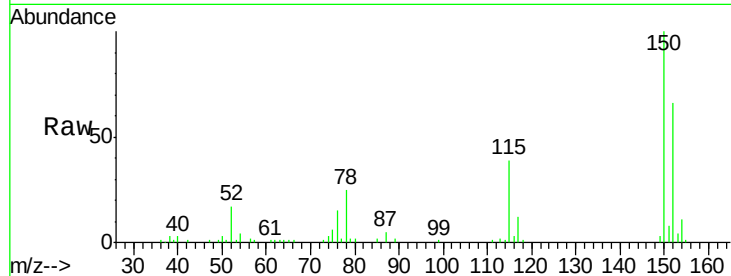




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BM003429.D
 Acq: 10 Dec 2015 01:06

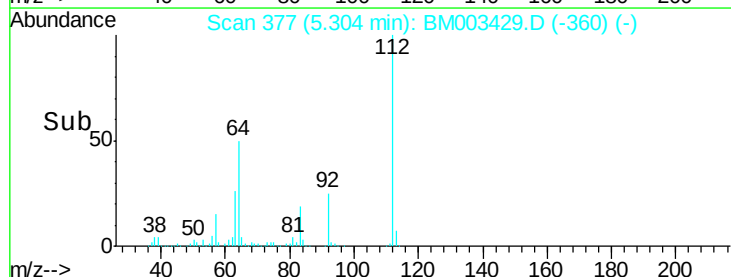
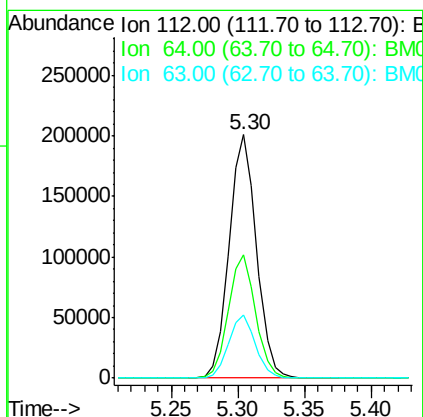
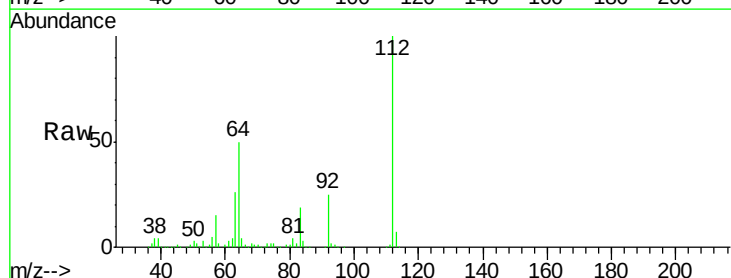
Instrument :
 BNA_M
 ClientSampleId :
 S8-0528

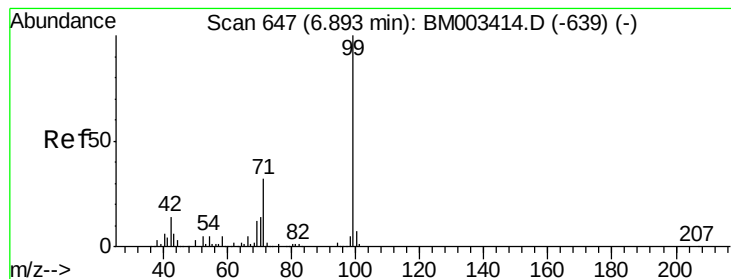
Tgt Ion:152 Resp: 77862
 Ion Ratio Lower Upper
 152 100
 150 150.5 119.5 179.3
 115 58.5 43.0 64.4



#5
 2-Fluorophenol
 Concen: 65.53 ng
 RT: 5.30 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: BM003429.D
 Acq: 10 Dec 2015 01:06

Tgt Ion:112 Resp: 286966
 Ion Ratio Lower Upper
 112 100
 64 50.4 38.6 57.8
 63 26.1 19.3 28.9





#7

Phenol-d6

Concen: 38.23 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM003429.D

Acq: 10 Dec 2015 01:06

Instrument :

BNA_M

ClientSampleId :

S8-0528

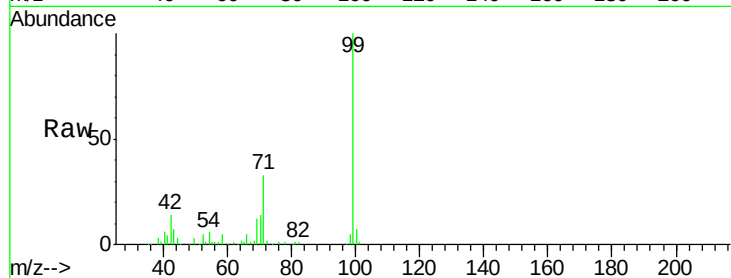
Tgt Ion: 99 Resp: 232512

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.4

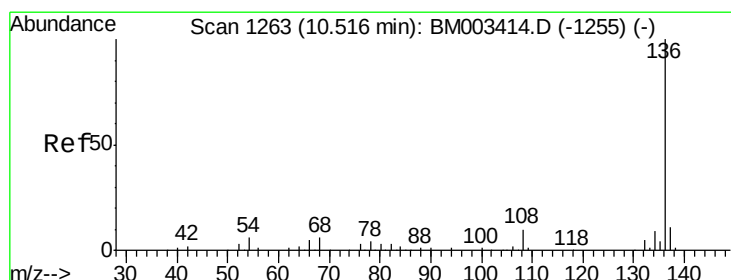
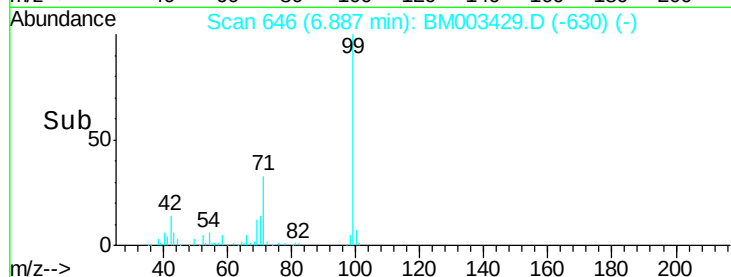
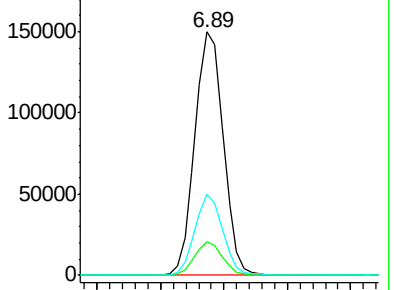
71 33.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003429.D

Acq: 10 Dec 2015 01:06

Tgt Ion: 136 Resp: 340349

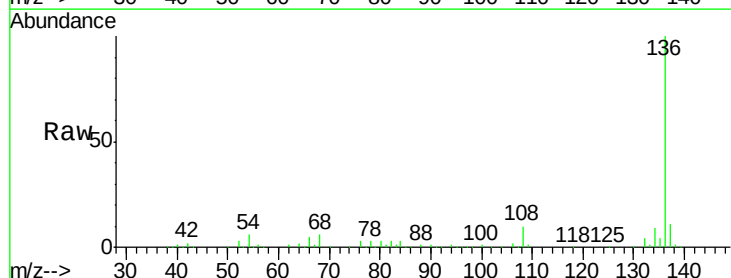
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.9 4.6 6.8

68 5.7 3.7 5.5#

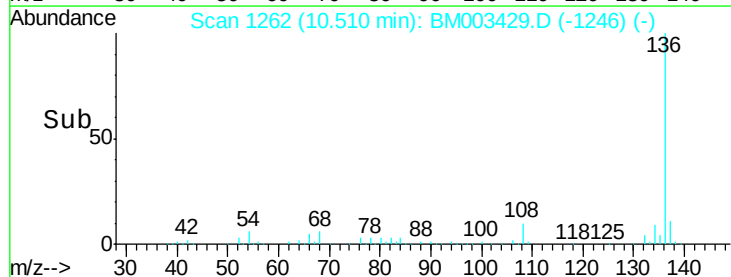
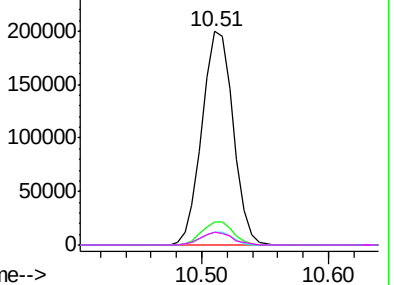


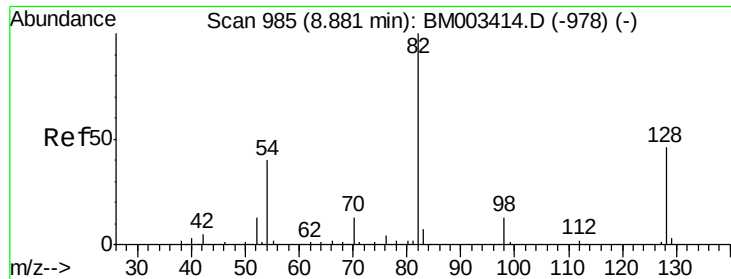
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

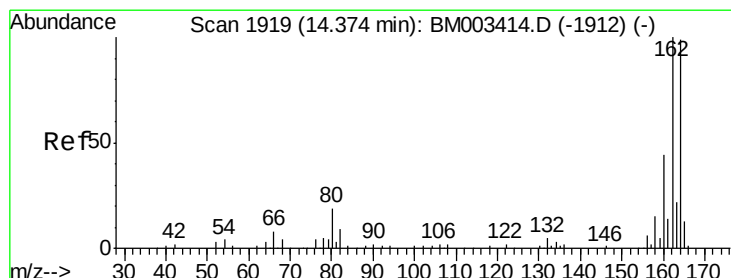
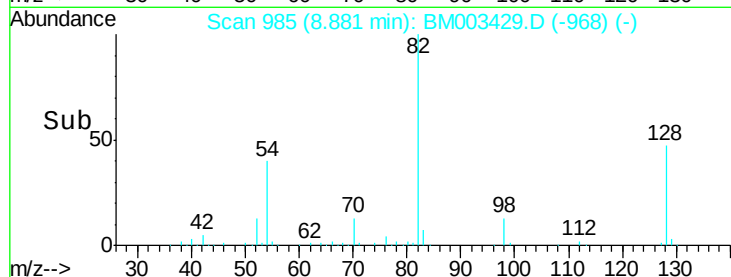
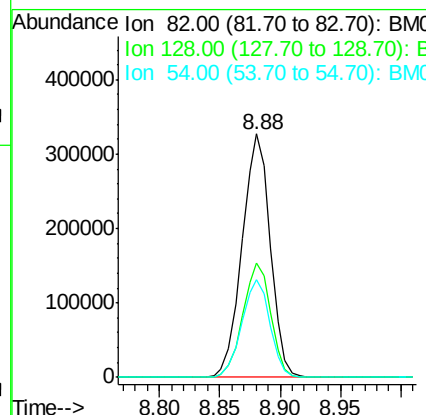
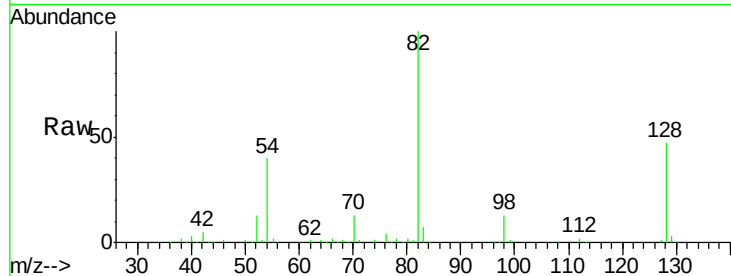




#23
 Nitrobenzene-d5
 Concen: 96.86 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BM003429.D
 Acq: 10 Dec 2015 01:06

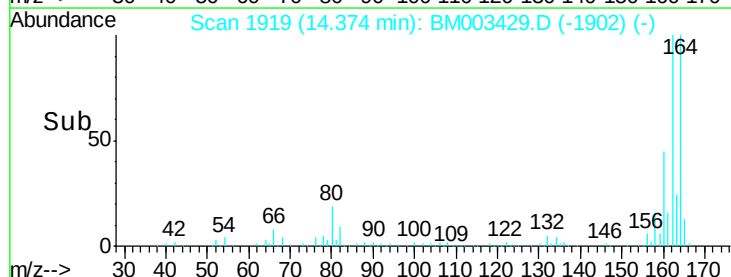
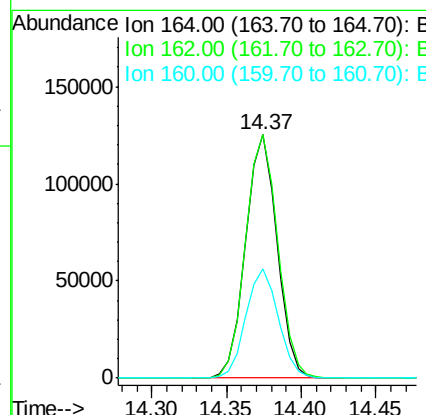
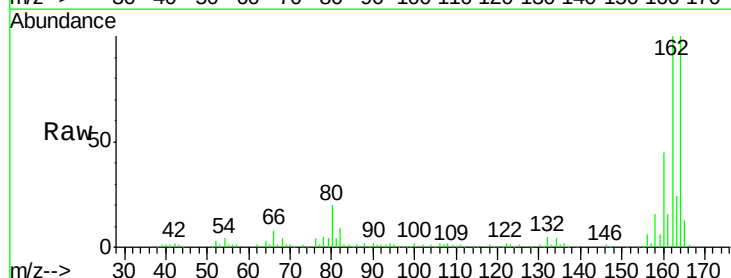
Instrument :
 BNA_M
 ClientSampleId :
 S8-0528

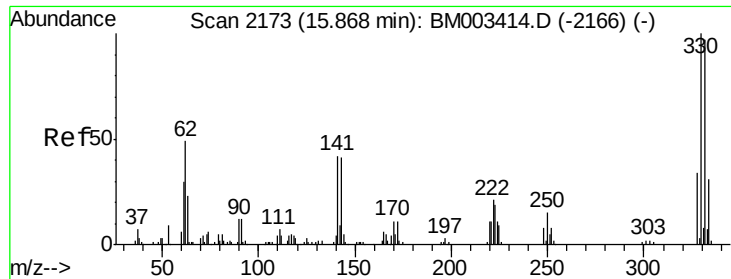
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	32.8	49.2
54	39.9	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: BM003429.D
 Acq: 10 Dec 2015 01:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.4	123.6
160	44.7	35.8	53.6

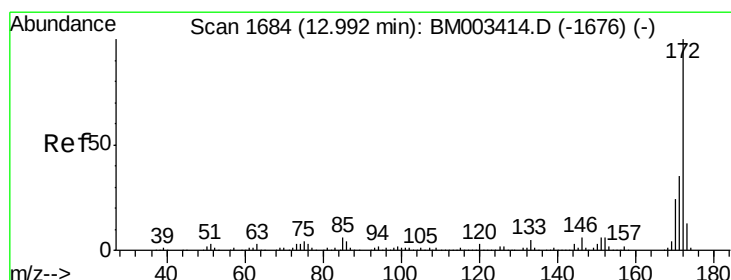
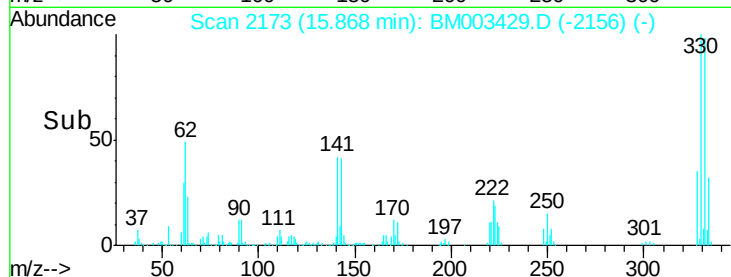
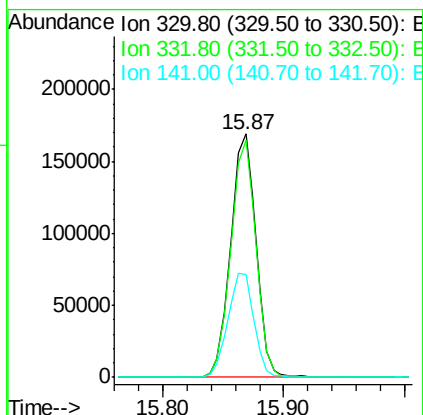
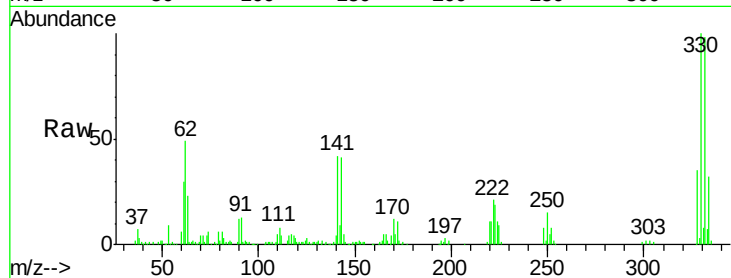




#41
 2,4,6-Tribromophenol
 Concen: 136.02 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BM003429.D
 Acq: 10 Dec 2015 01:06

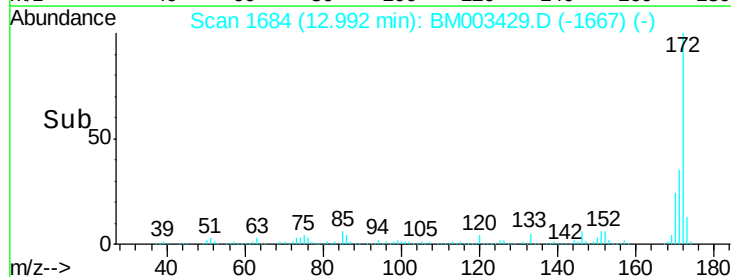
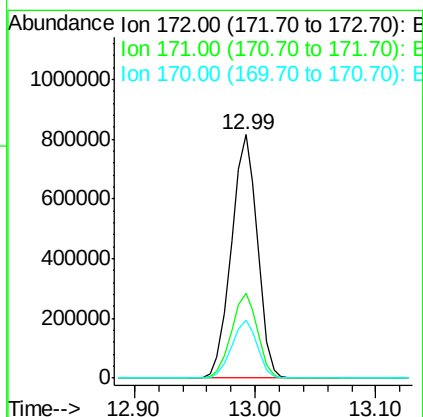
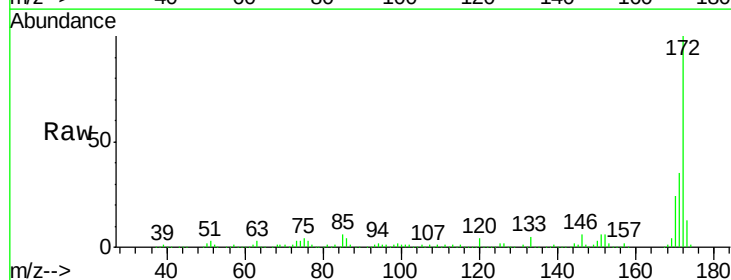
Instrument :
 BNA_M
 ClientSampleId :
 S8-0528

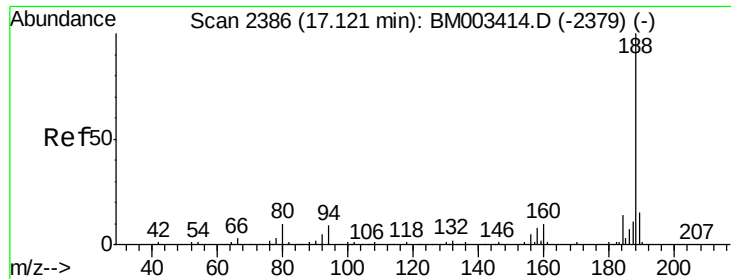
Tgt Ion:330 Resp: 248357
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 44.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 91.06 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BM003429.D
 Acq: 10 Dec 2015 01:06

Tgt Ion:172 Resp: 1221930
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.7 18.8 28.2

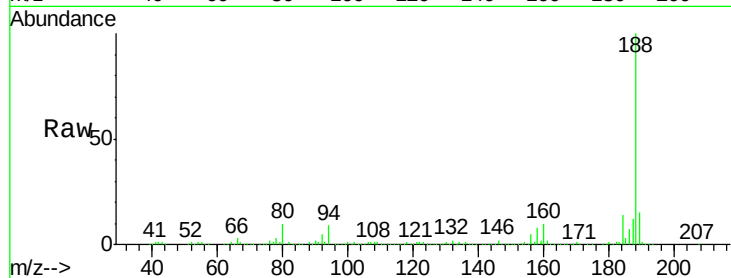




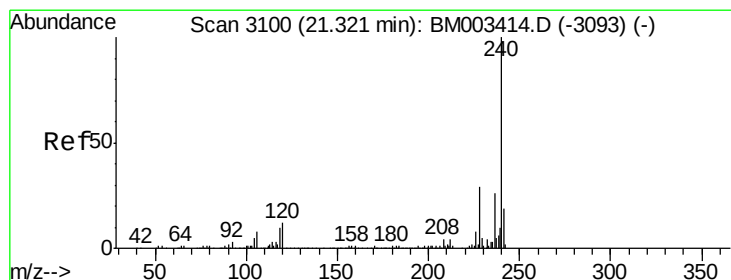
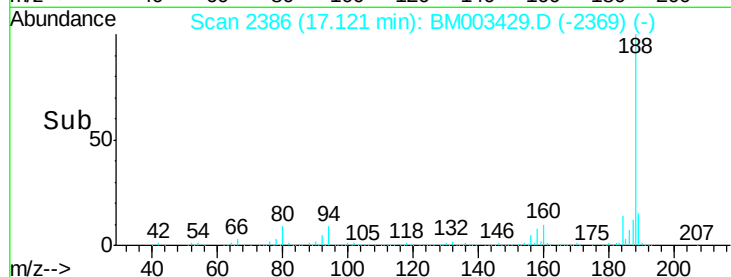
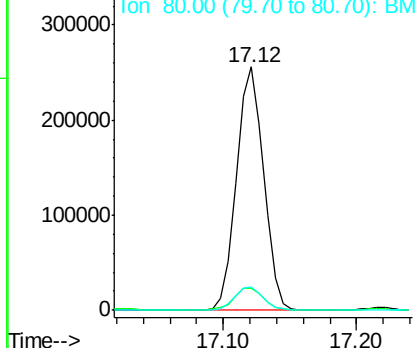
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Instrument :
BNA_M
ClientSampleId :
S8-0528

Tgt Ion:188 Resp: 361944
Ion Ratio Lower Upper
188 100
94 9.2 8.7 13.1
80 9.6 9.3 13.9

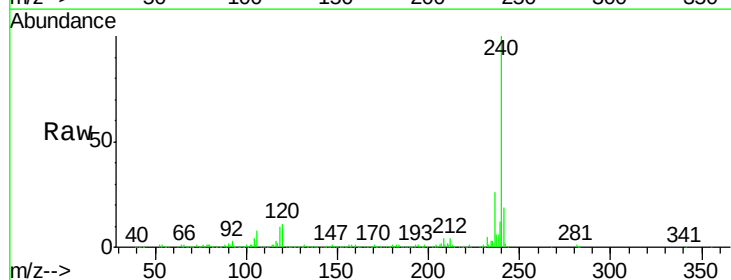


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

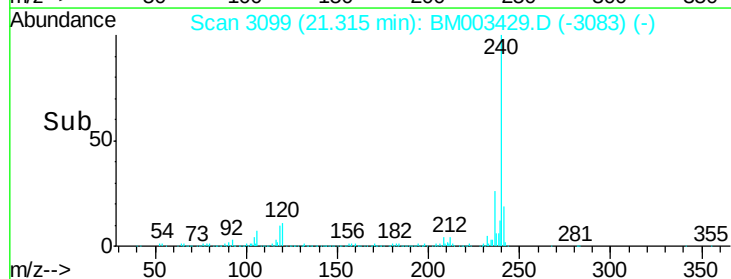
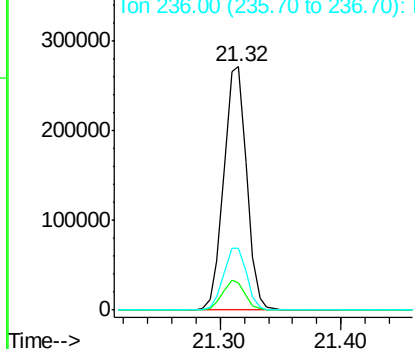


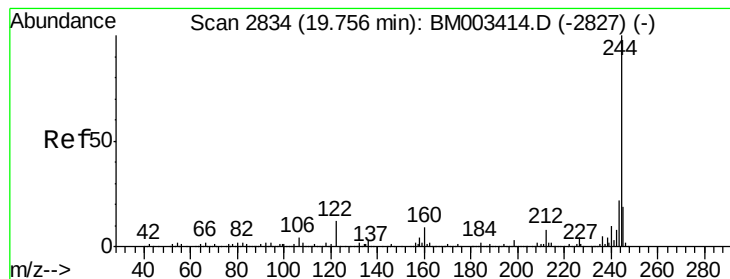
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003429.D
Acq: 10 Dec 2015 01:06

Tgt Ion:240 Resp: 357289
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.2
236 25.6 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.26 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM003429.D

Acq: 10 Dec 2015 01:06

Instrument :

BNA_M

ClientSampleId :

S8-0528

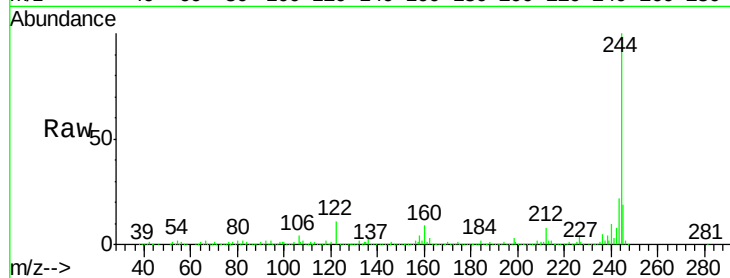
Tgt Ion:244 Resp: 1231125

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

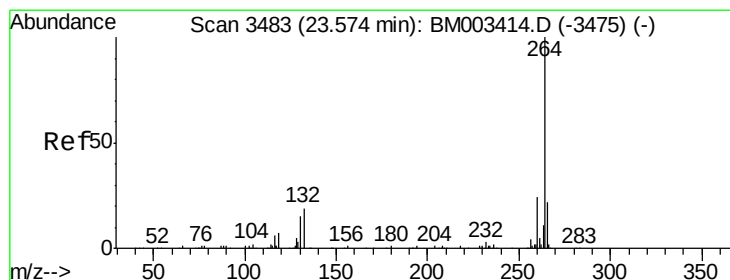
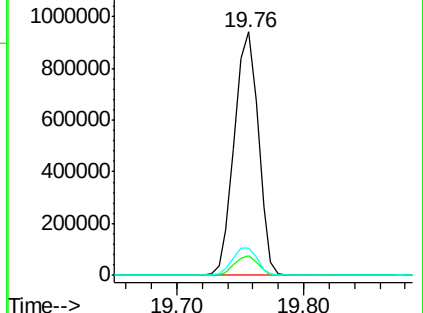
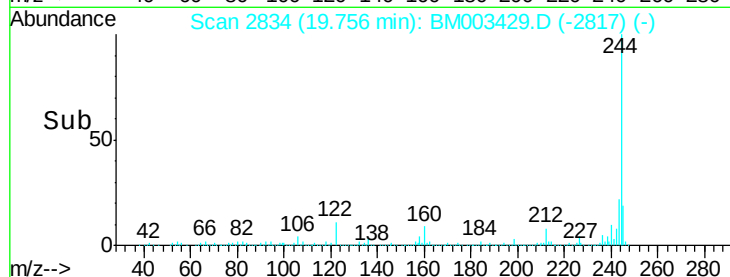
122 11.4 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM003429.D

Acq: 10 Dec 2015 01:06

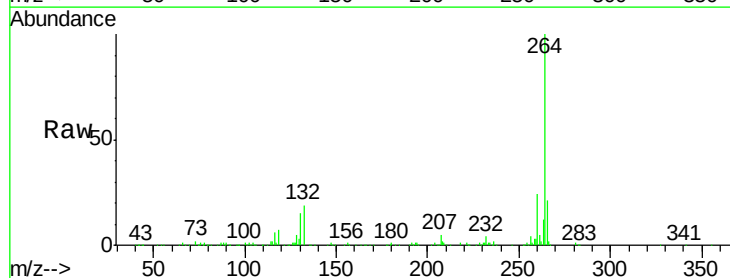
Tgt Ion:264 Resp: 351011

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

