

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003785.D
 Acq On : 24 Dec 2015 19:22
 Operator : UM/SJ
 Sample : PB87538BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BL

Quant Time: Dec 25 01:01:22 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	7.68	152	53617	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	226075	20.00	ng	-0.05
38) Acenaphthene-d10	14.33	164	123951	20.00	ng	-0.04
63) Phenanthrene-d10	17.08	188	269045	20.00	ng	-0.04
75) Chrysene-d12	21.28	240	244589	20.00	ng	-0.04
86) Perylene-d12	23.52	264	210746	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	295472	97.98	ng	-0.03
7) Phenol-d6	6.86	99	380265	90.81	ng	-0.03
23) Nitrobenzene-d5	8.84	82	223236	61.22	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	105991	85.62	ng	-0.04
44) 2-Fluorobiphenyl	12.95	172	532442	58.52	ng	-0.04
78) Terphenyl-d14	19.72	244	619303	59.71	ng	-0.04

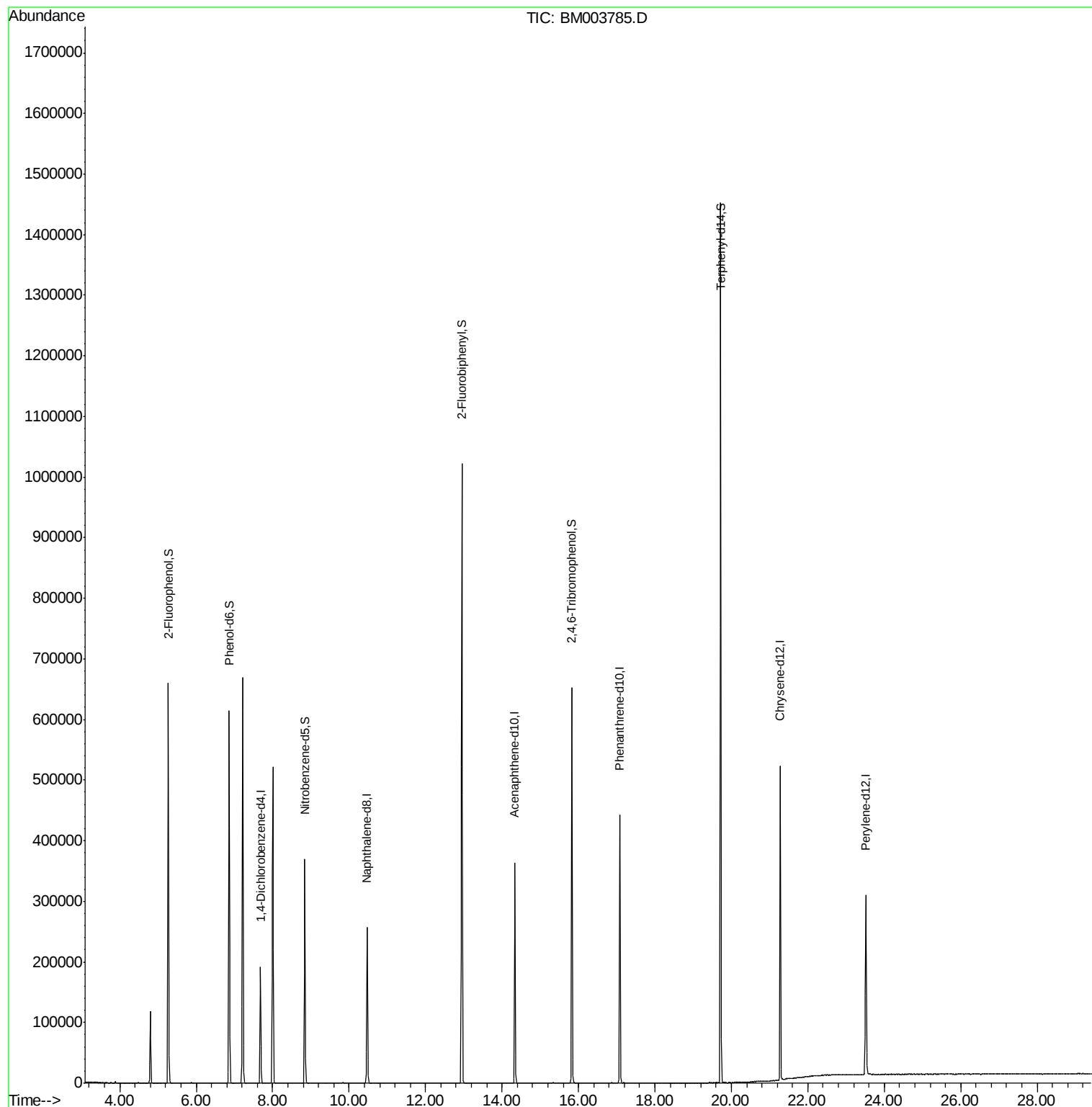
Target Compounds Qvalue

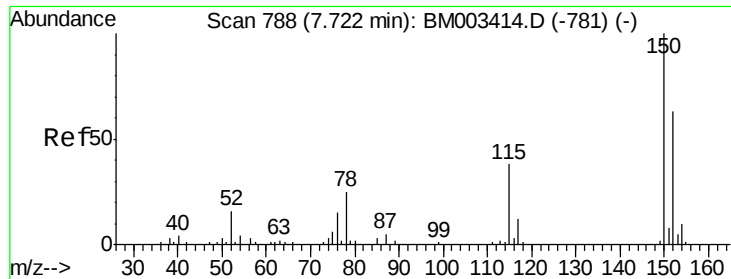
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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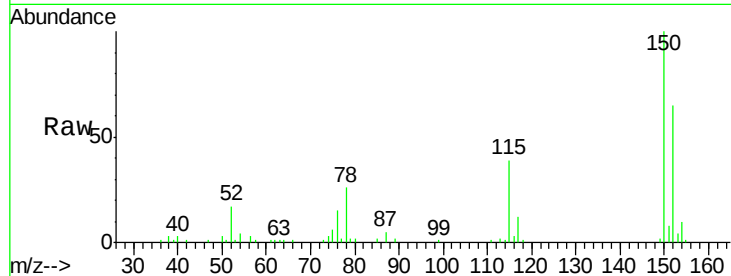


#1

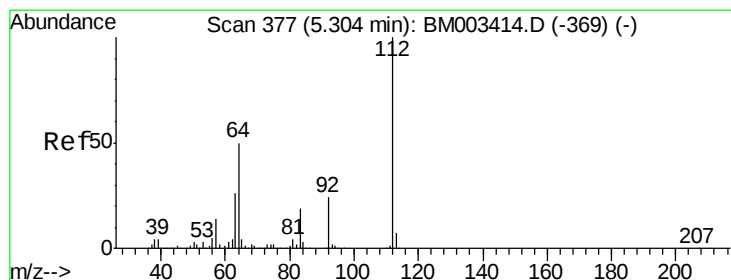
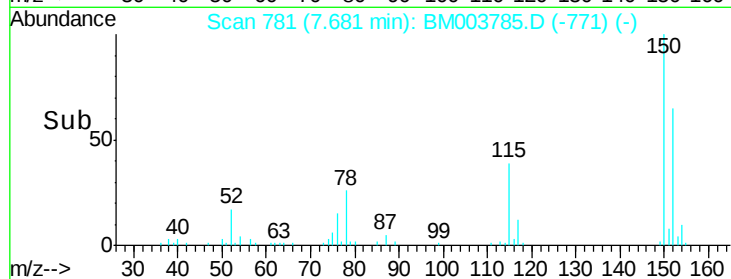
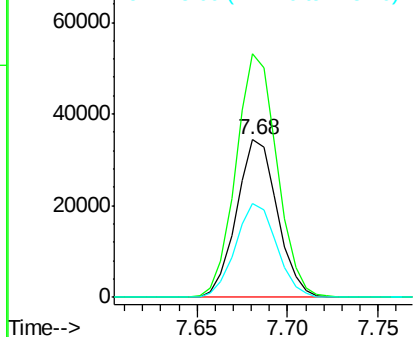
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM003785.D
Acq: 24 Dec 2015 19:22

Instrument :
BNA_M
ClientSampleId :
PB87538BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	119.5	179.3
115	59.5	43.0	64.4



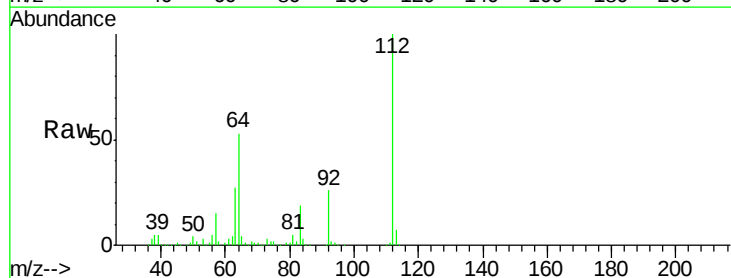
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



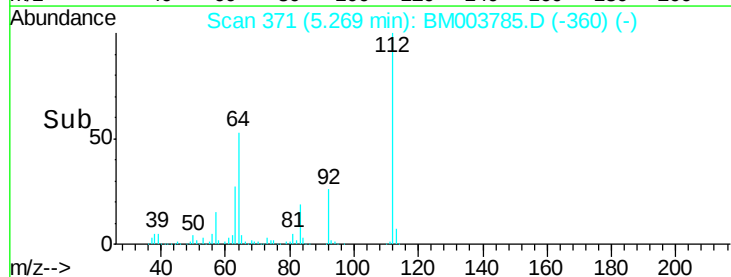
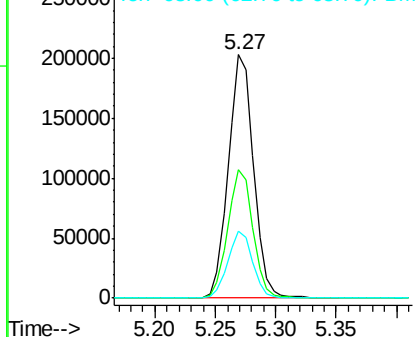
#5

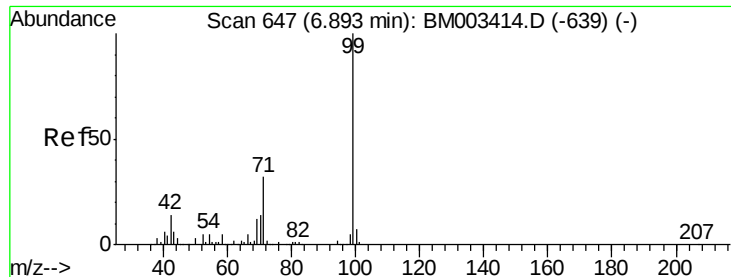
2-Fluorophenol
Concen: 97.98 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.03 min
Lab File: BM003785.D
Acq: 24 Dec 2015 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	38.6	57.8
63	27.4	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 90.81 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.03 min

Lab File: BM003785.D

Acq: 24 Dec 2015 19:22

Instrument :

BNA_M

ClientSampleId :

PB87538BL

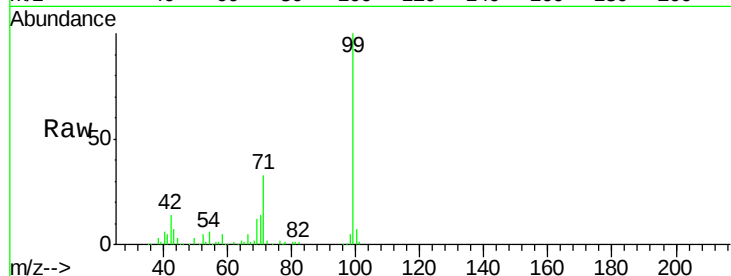
Tot Ion: 99 Resp: 380265

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.4

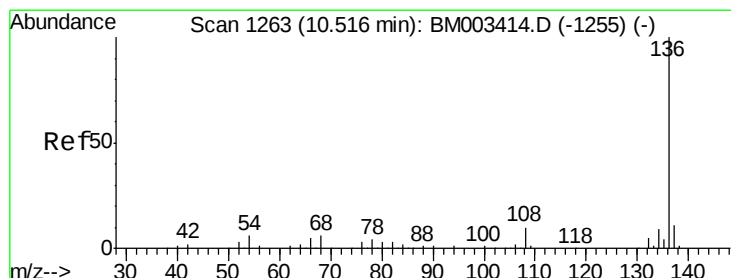
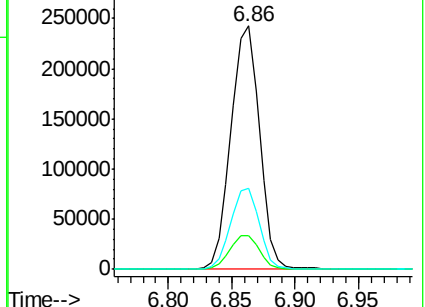
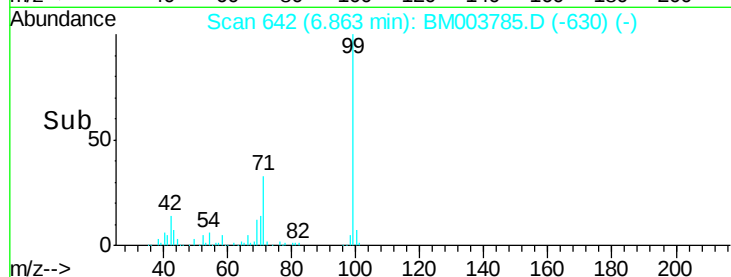
71 33.1 23.4 35.2



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: 10.47 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BM003785.D

Acq: 24 Dec 2015 19:22

Tgt Ion: 136 Resp: 226075

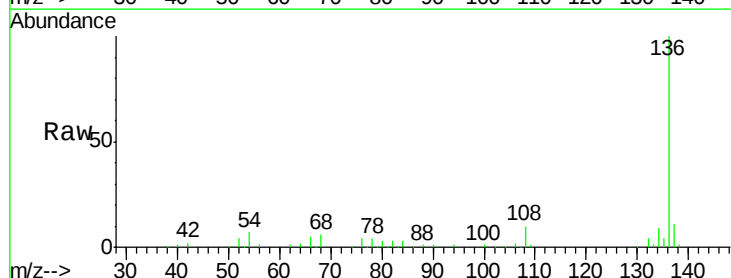
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.5 4.6 6.8

68 5.8 3.7 5.5#

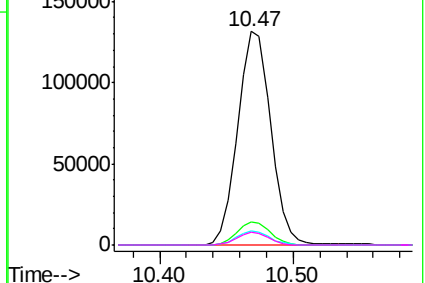
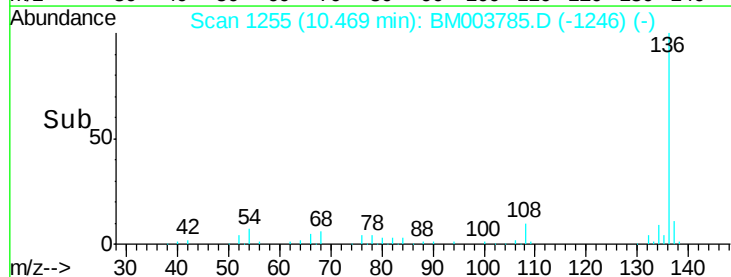


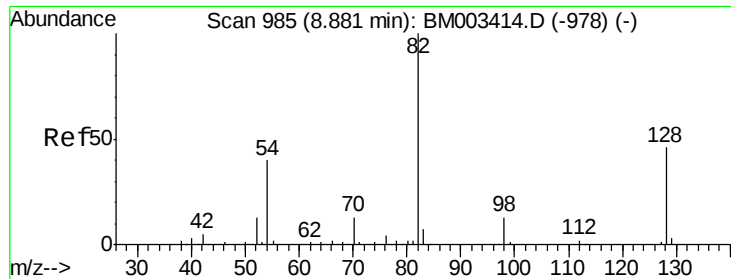
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

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) (-)

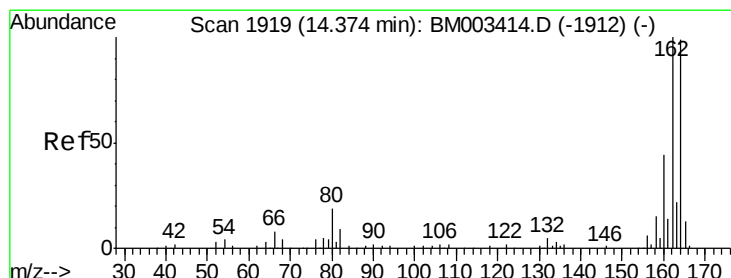
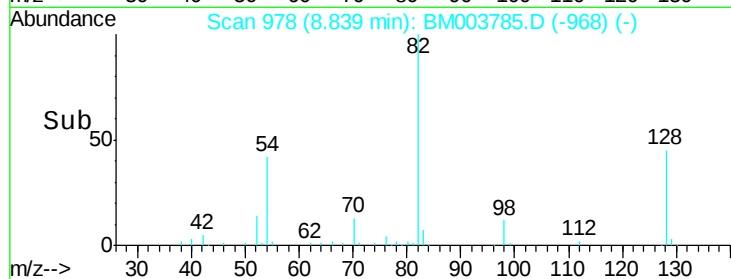
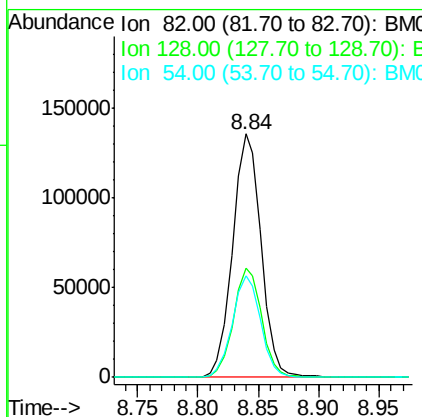
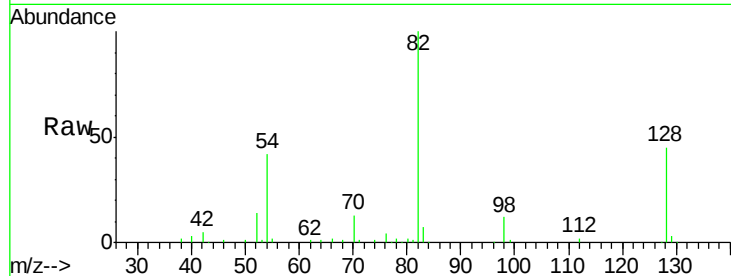




#23
 Nitrobenzene-d5
 Concen: 61.22 ng
 RT: 8.84 min Scan# 978
 Delta R.T. -0.04 min
 Lab File: BM003785.D
 Acq: 24 Dec 2015 19:22

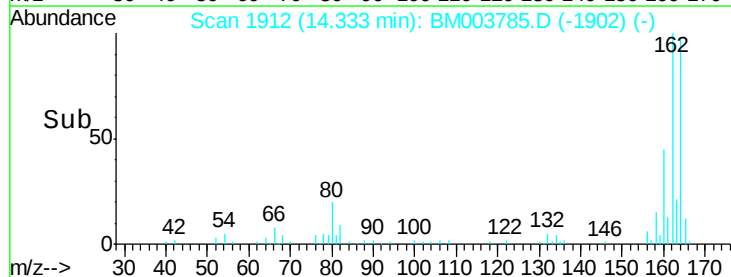
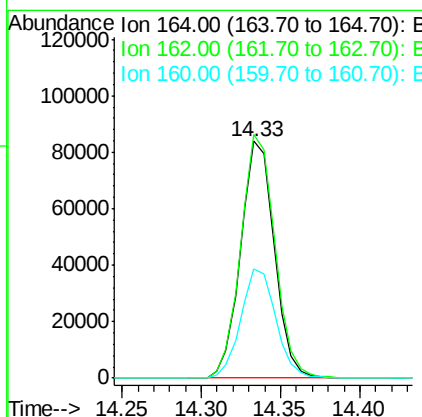
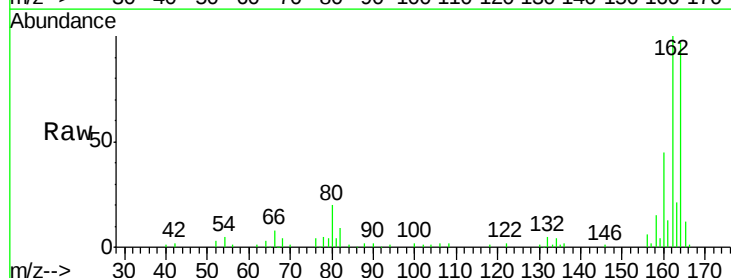
Instrument :
 BNA_M
 ClientSampleID :
 PB87538BL

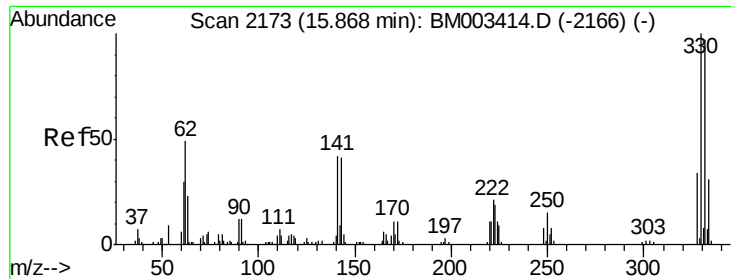
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.8	49.2
54	41.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.04 min
 Lab File: BM003785.D
 Acq: 24 Dec 2015 19:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	46.0	35.8	53.6

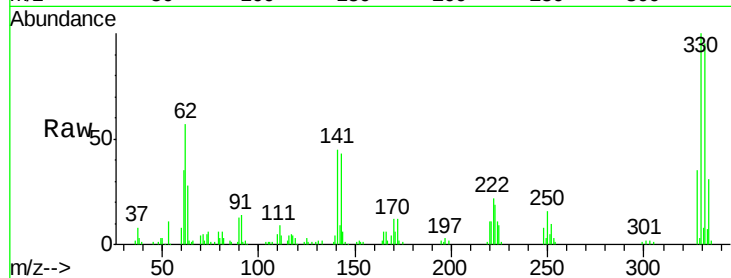




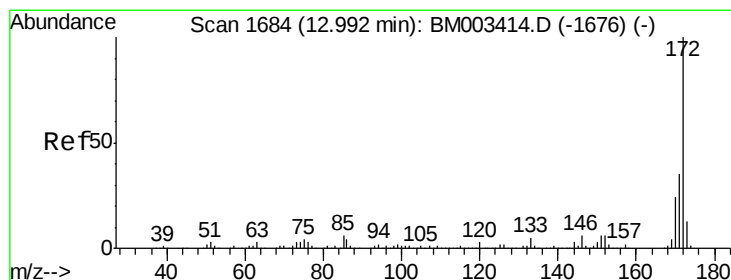
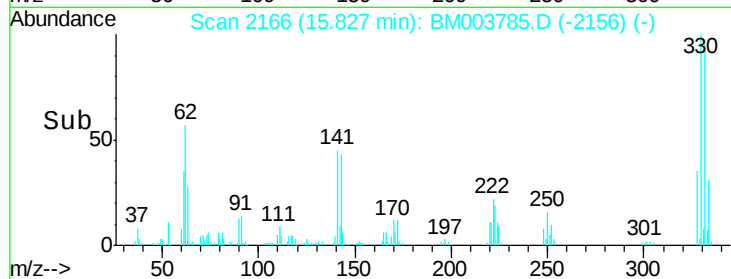
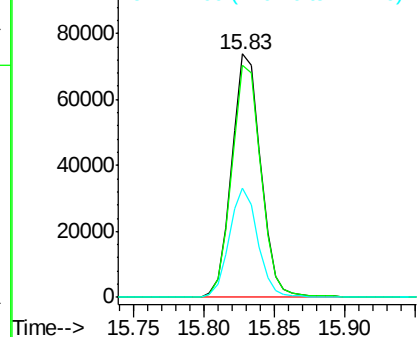
#41
 2,4,6-Tribromophenol
 Concen: 85.62 ng
 RT: 15.83 min Scan# 2166
 Delta R.T. -0.04 min
 Lab File: BM003785.D
 Acq: 24 Dec 2015 19:22

Instrument :
 BNA_M
 ClientSampleID :
 PB87538BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	43.7	0.0	0.0#

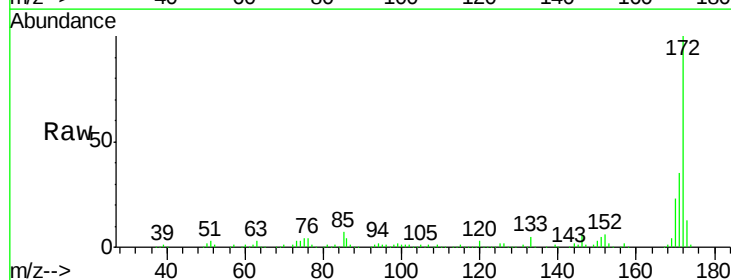


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

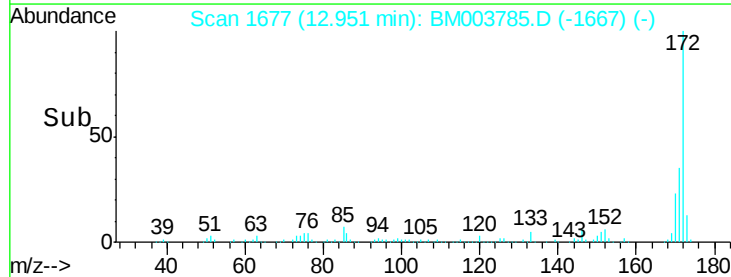
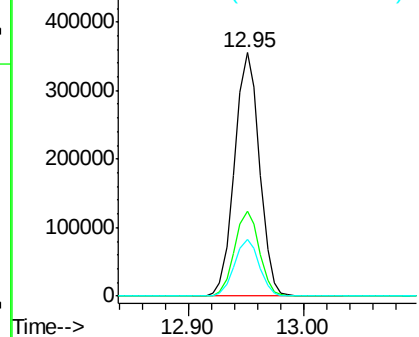


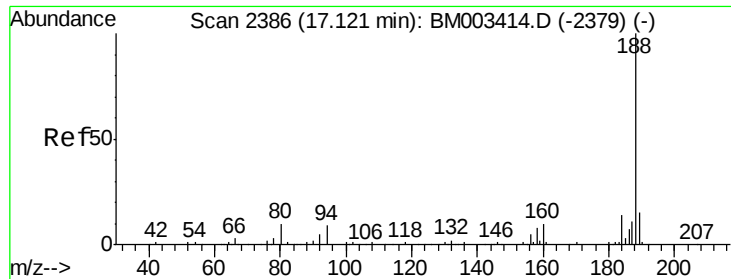
#44
 2-Fluorobiphenyl
 Concen: 58.52 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.04 min
 Lab File: BM003785.D
 Acq: 24 Dec 2015 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.3	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

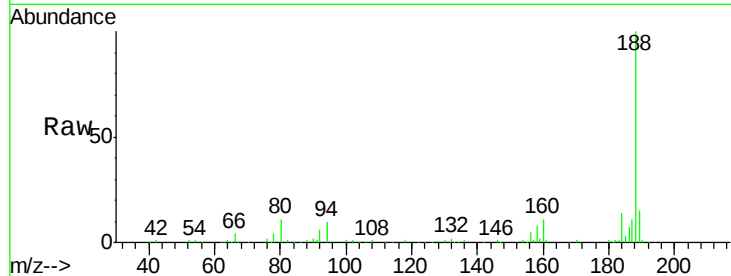




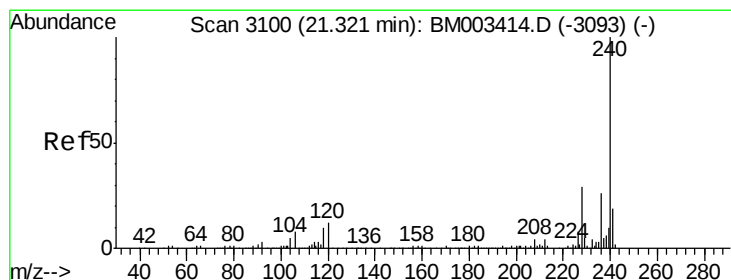
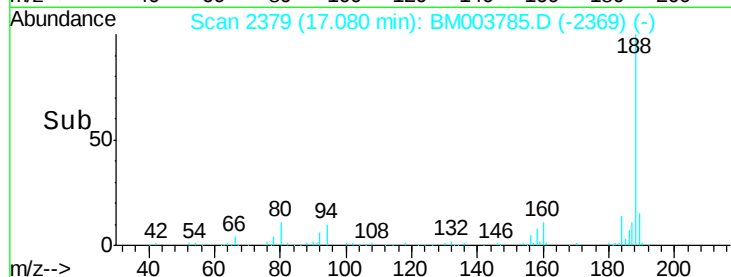
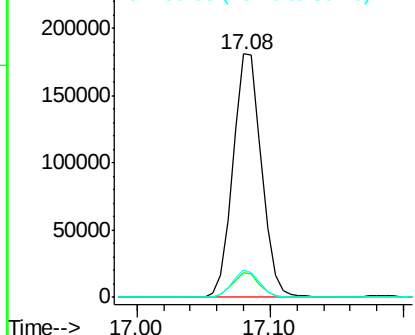
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.04 min
Lab File: BM003785.D
Acq: 24 Dec 2015 19:22

Instrument :
BNA_M
ClientSampleId :
PB87538BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.7	13.1
80	11.1	9.3	13.9

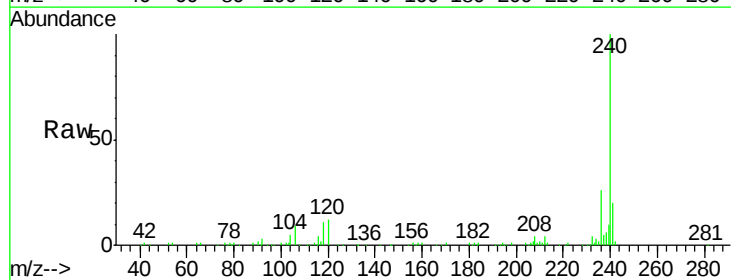


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

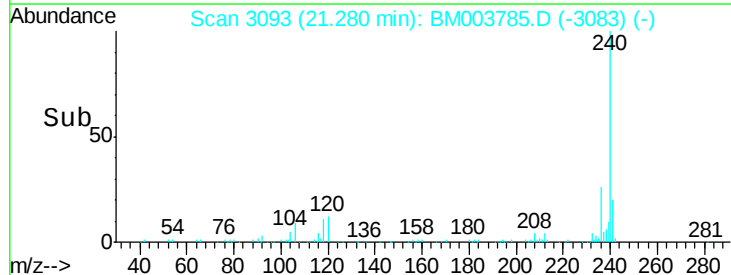
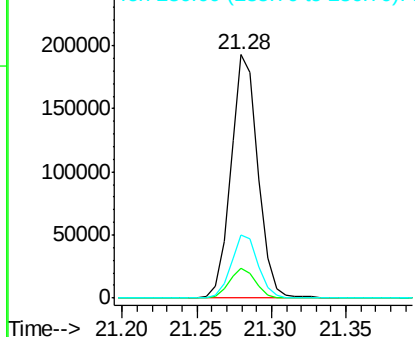


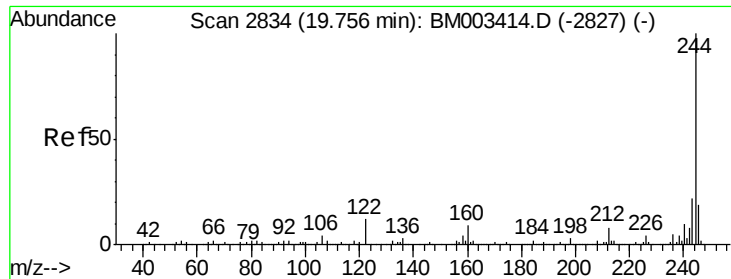
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM003785.D
Acq: 24 Dec 2015 19:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.2	12.2#
236	25.8	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: 59.71 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM003785.D

Acq: 24 Dec 2015 19:22

Instrument :

BNA_M

ClientSampleId :

PB87538BL

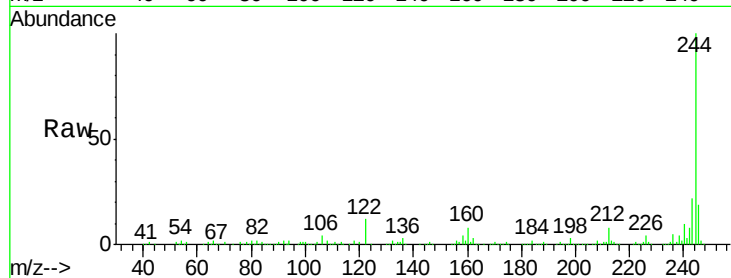
Tot Ion:244 Resp: 619303

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

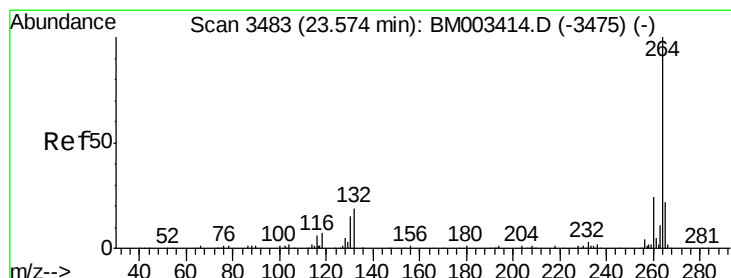
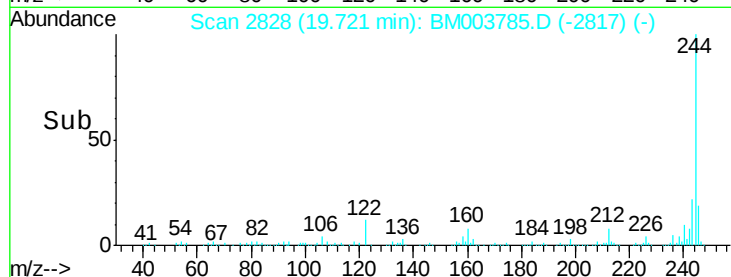
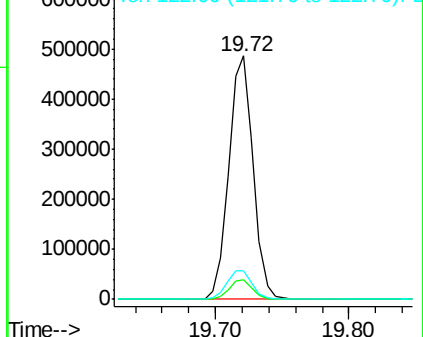
122 11.7 6.2 9.4#



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: 23.52 min Scan# 3474

Delta R.T. -0.05 min

Lab File: BM003785.D

Acq: 24 Dec 2015 19:22

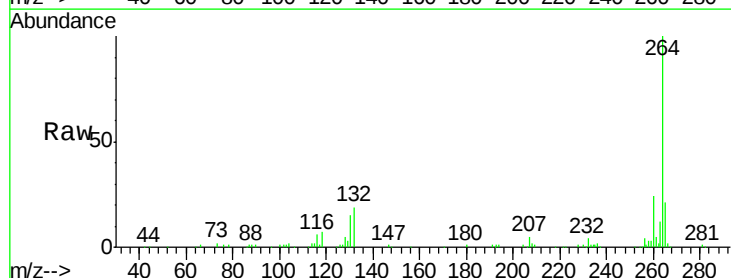
Tgt Ion:264 Resp: 210746

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.3 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

