

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084419.D
 Acq On : 12 Jan 2016 19:29
 Operator : SJ/UM
 Sample : H1078-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-17

Quant Time: Jan 13 01:22:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	286828	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1101904	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	527317	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	940457	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	644003	20.00	ng	-0.07
86) Perylene-d12	15.43	264	517090	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1152060	64.97	ng	-0.04
7) Phenol-d6	6.48	99	903345	40.56	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1971354	99.57	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	643649	120.90	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2641790	88.38	ng	-0.06
78) Terphenyl-d14	12.96	244	2156962	74.76	ng	-0.06

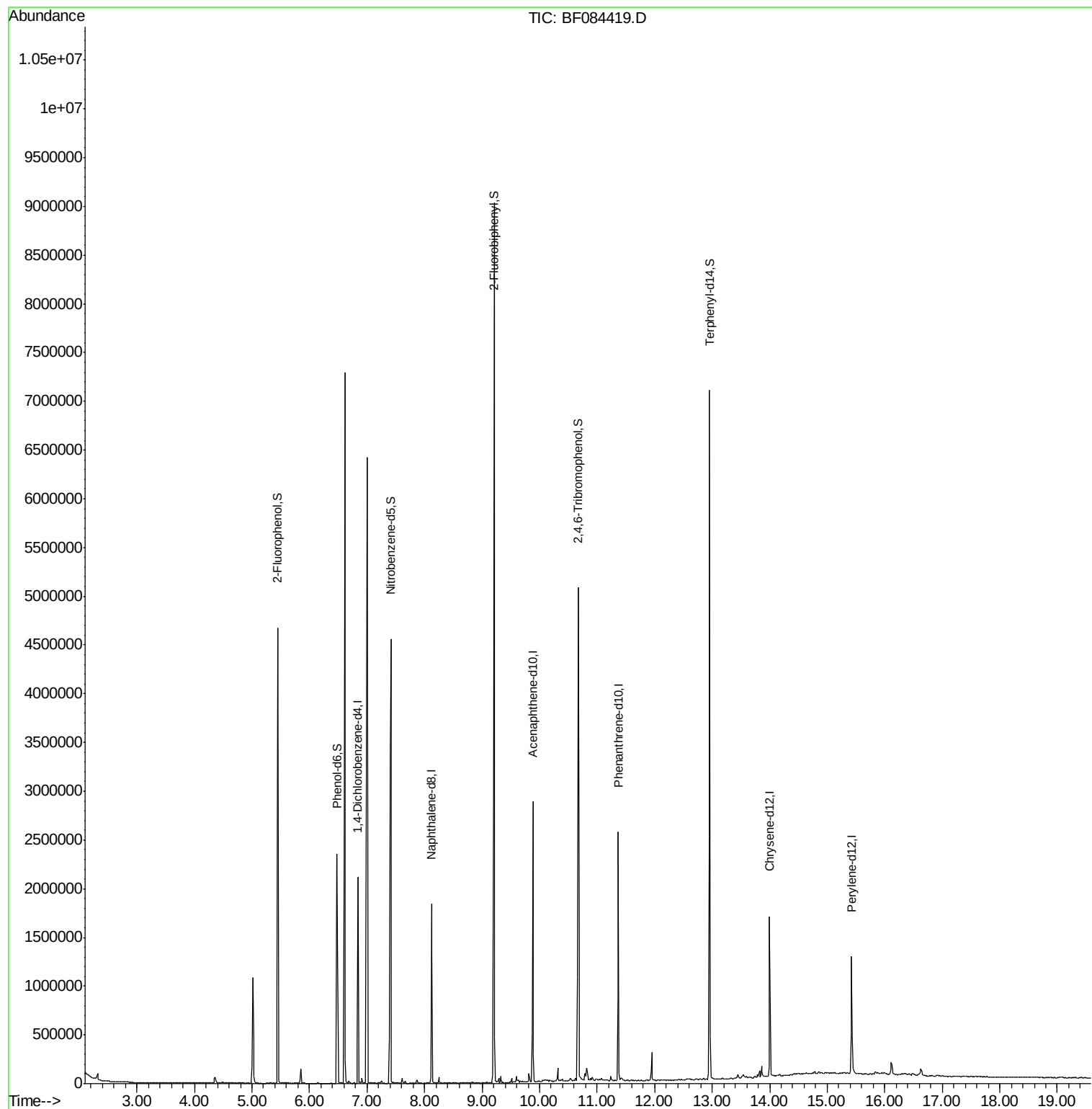
Target Compounds Qvalue

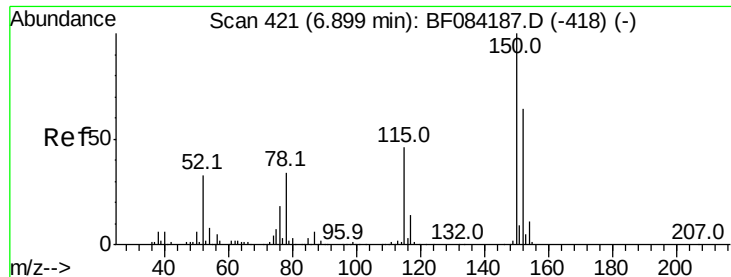
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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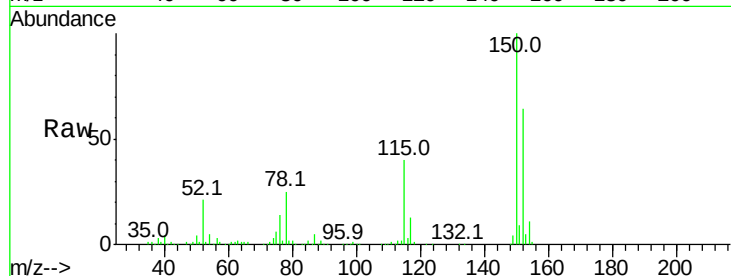


#1

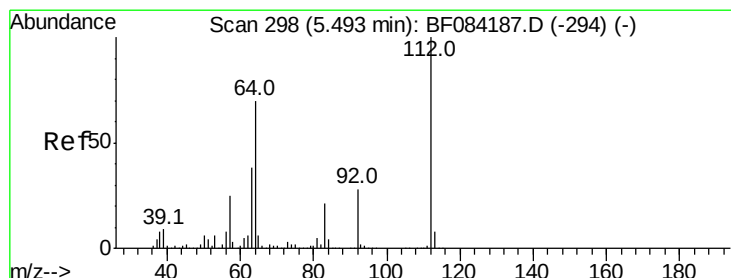
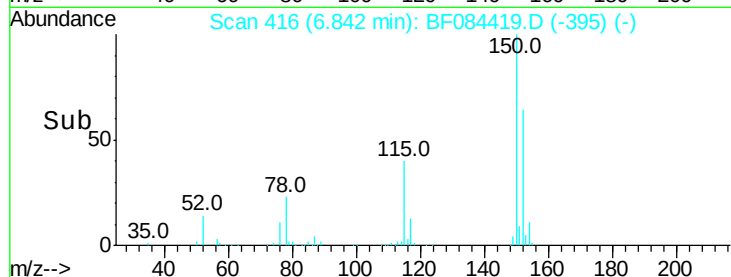
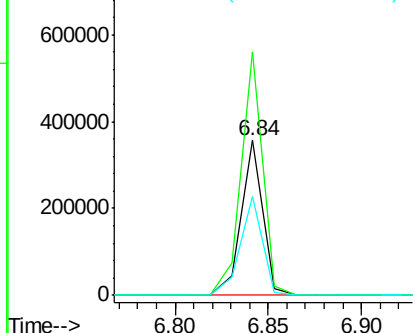
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF084419.D
Acq: 12 Jan 2016 19:29

Instrument :
BNA_F
ClientSampleId :
TE-PMW2-17

Tot Ion:152 Resp: 286828
Ion Ratio Lower Upper
152 100
150 157.1 123.0 184.4
115 63.5 51.4 77.2



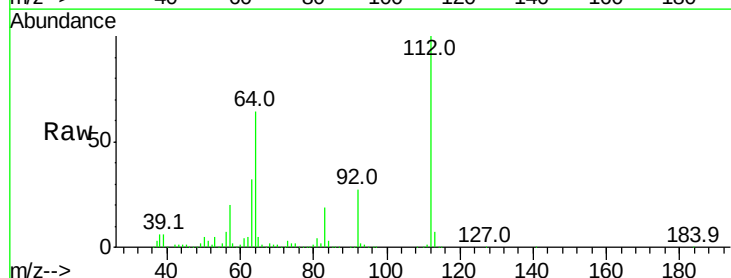
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



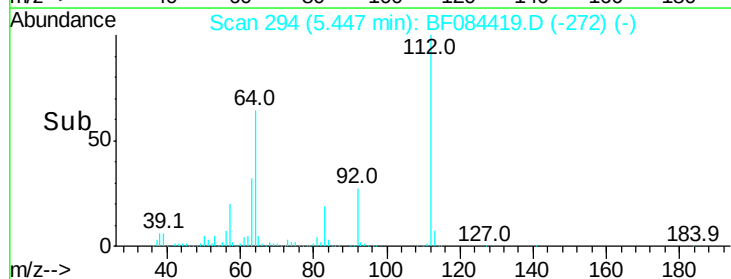
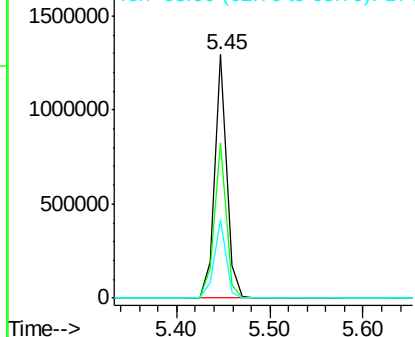
#5

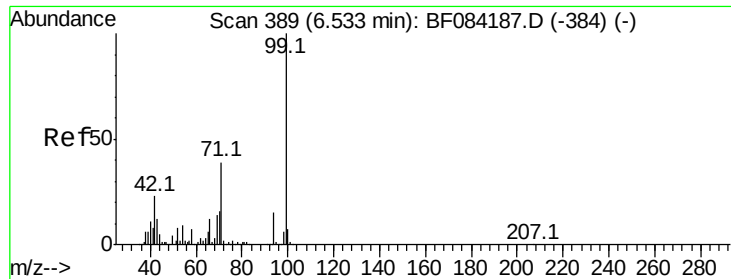
2-Fluorophenol
Concen: 64.97 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.04 min
Lab File: BF084419.D
Acq: 12 Jan 2016 19:29

Tgt Ion:112 Resp: 1152060
Ion Ratio Lower Upper
112 100
64 63.9 36.6 55.0#
63 32.4 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.56 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084419.D

Acq: 12 Jan 2016 19:29

Instrument :

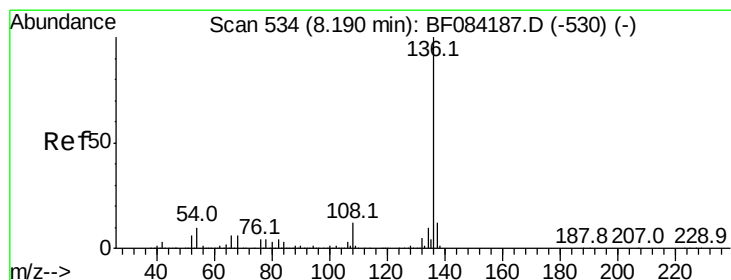
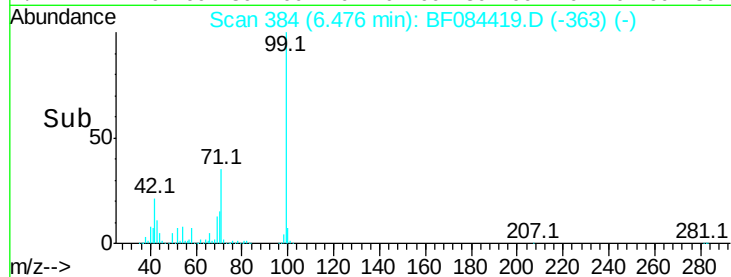
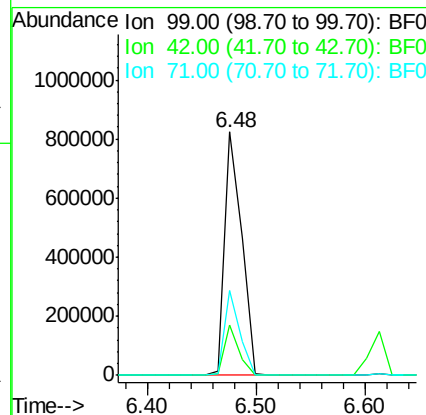
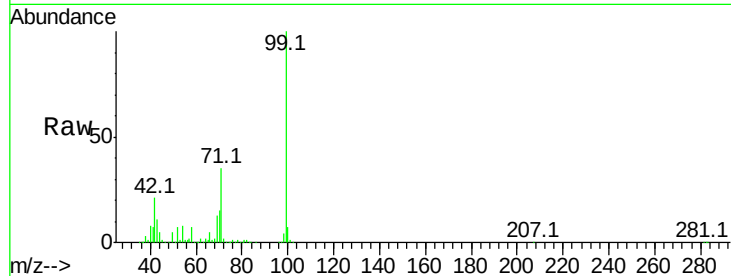
BNA_F

ClientSampled :

TE-PMW2-17

Tot Ion: 99 Resp: 903345

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	34.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

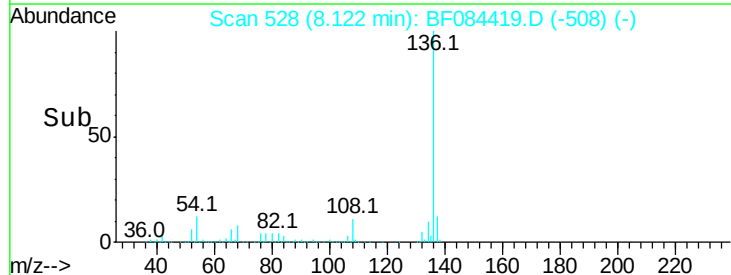
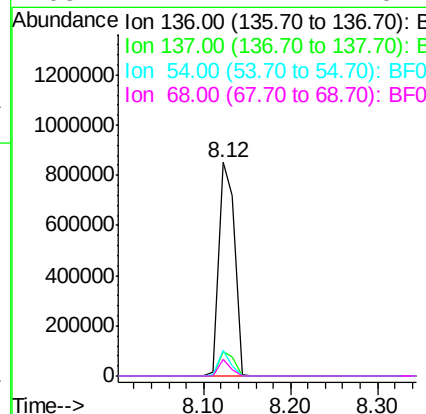
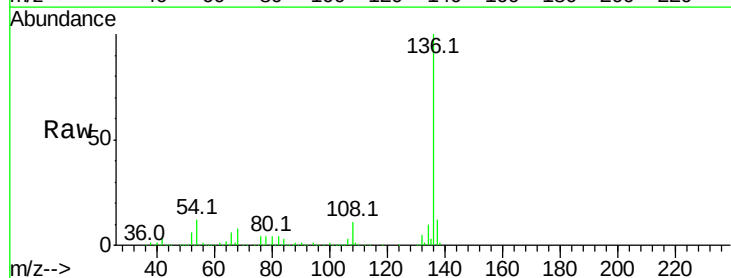
Delta R.T. -0.07 min

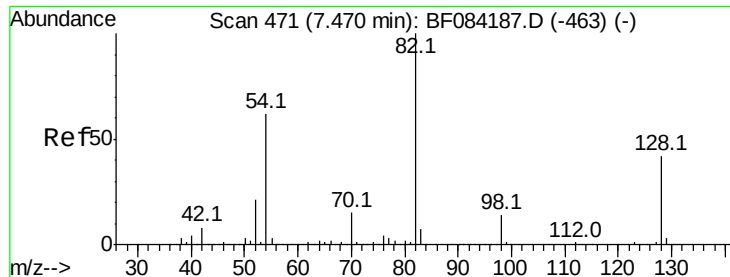
Lab File: BF084419.D

Acq: 12 Jan 2016 19:29

Tgt Ion: 136 Resp: 1101904

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	11.9	5.8	8.8#
68	7.7	4.2	6.2#

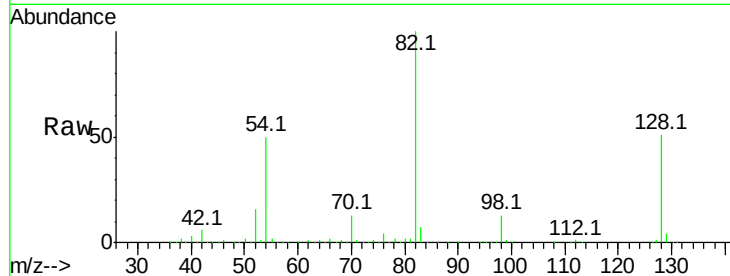




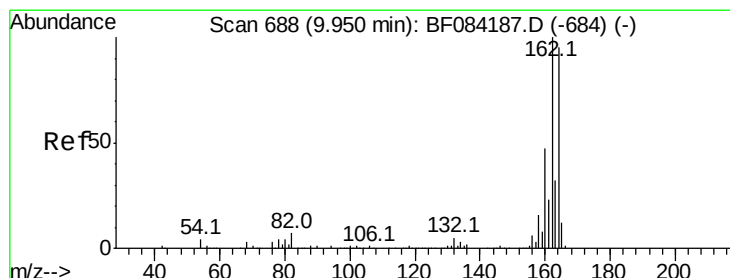
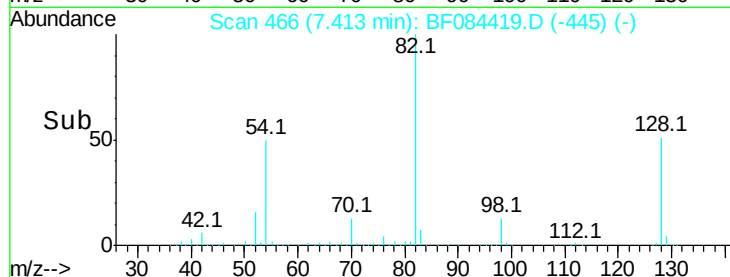
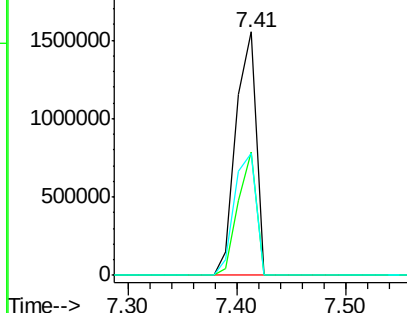
#23
Nitrobenzene-d5
Concen: 99.57 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084419.D
Acq: 12 Jan 2016 19:29

Instrument :
BNA_F
ClientSampleId :
TE-PMW2-17

Tot Ion: 82 Resp: 1971354
Ion Ratio Lower Upper
82 100
128 50.6 34.6 51.8
54 50.2 38.4 57.6

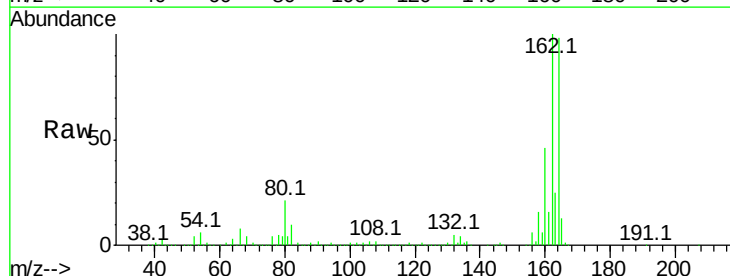


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

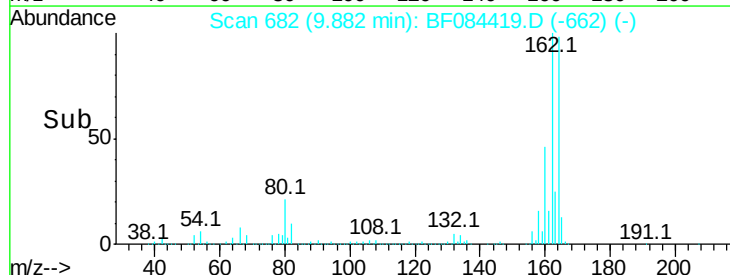
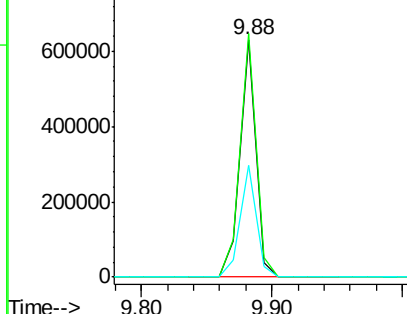


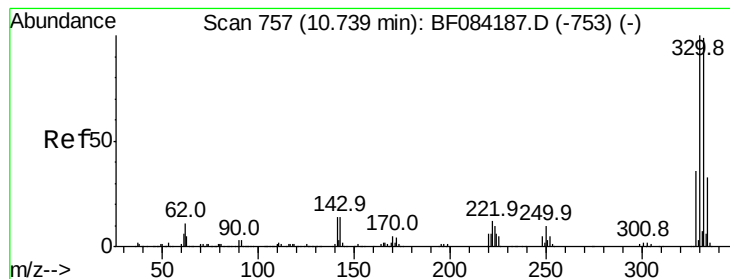
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084419.D
Acq: 12 Jan 2016 19:29

Tgt Ion:164 Resp: 527317
Ion Ratio Lower Upper
164 100
162 102.5 85.1 127.7
160 47.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 120.90 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF084419.D

Acq: 12 Jan 2016 19:29

Instrument :

BNA_F

ClientSampleId :

TE-PMW2-17

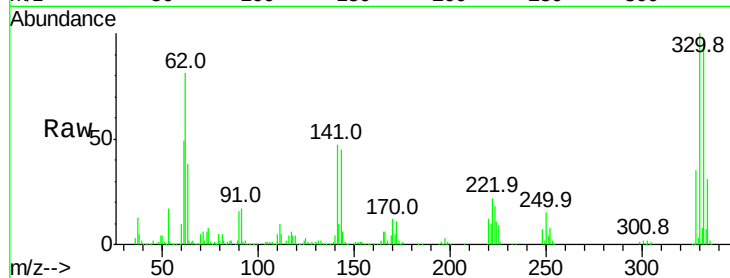
Tot Ion:330 Resp: 643649

Ion Ratio Lower Upper

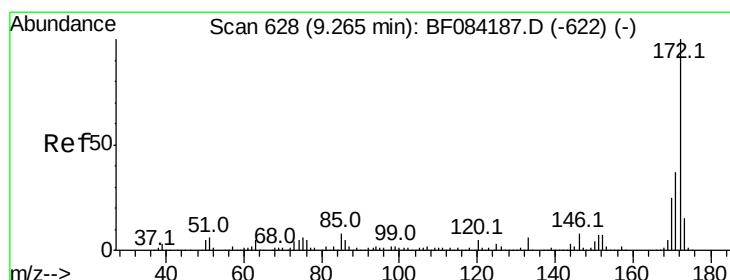
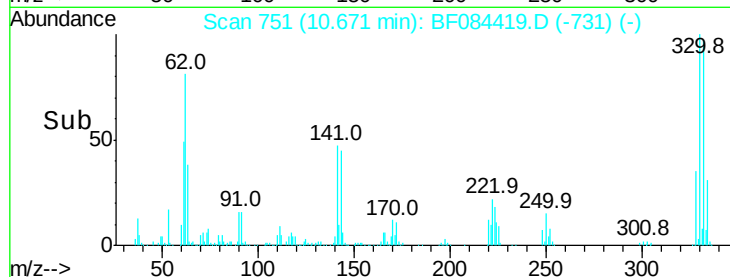
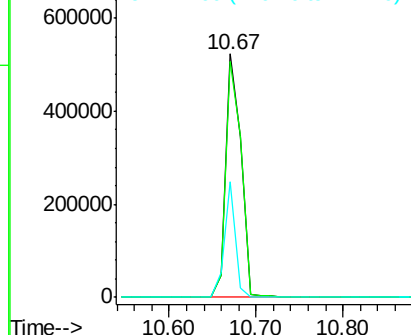
330 100

332 98.5 76.6 114.8

141 35.2 27.8 41.6



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: 88.38 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.06 min

Lab File: BF084419.D

Acq: 12 Jan 2016 19:29

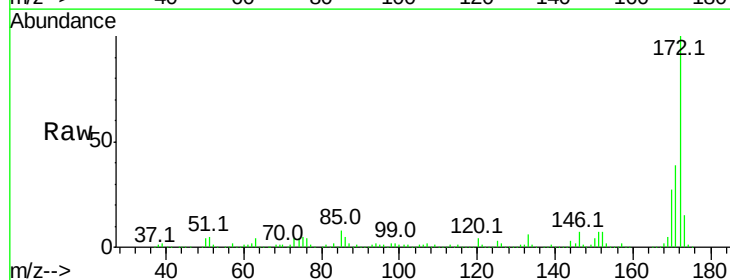
Tgt Ion:172 Resp: 2641790

Ion Ratio Lower Upper

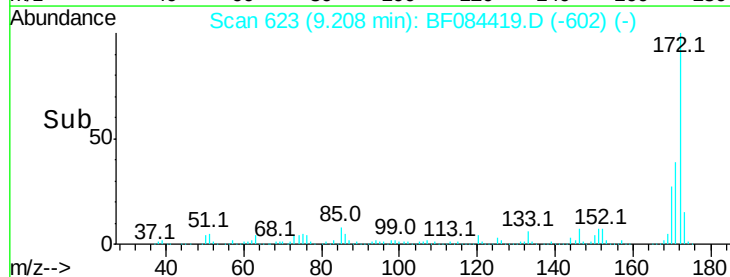
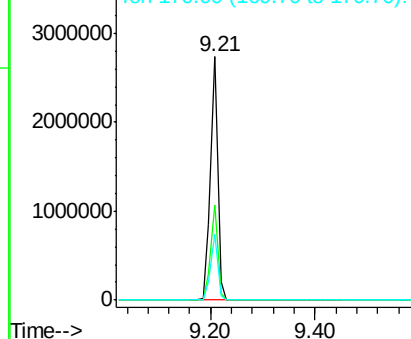
172 100

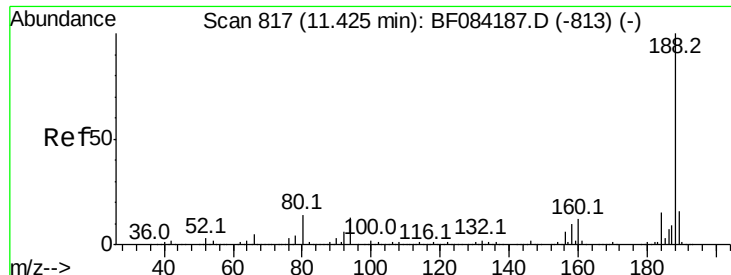
171 39.1 28.9 43.3

170 27.0 18.6 27.8



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

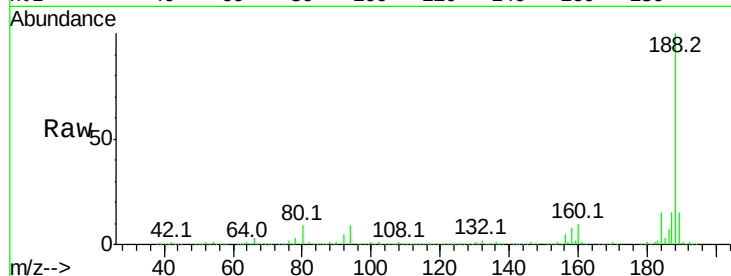




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-17

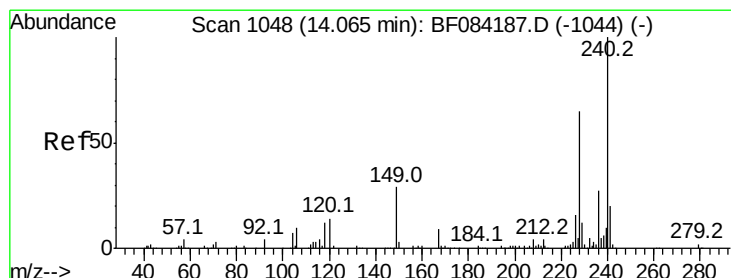
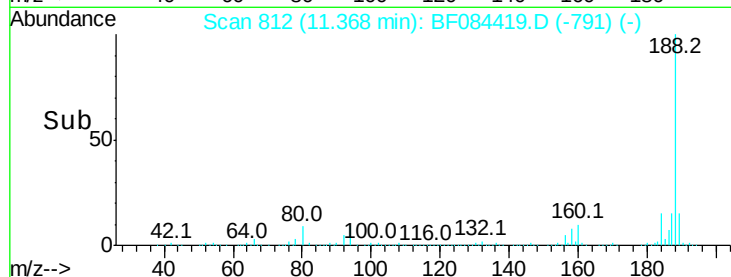
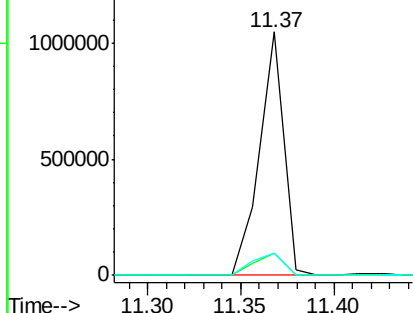
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.0	9.6	14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

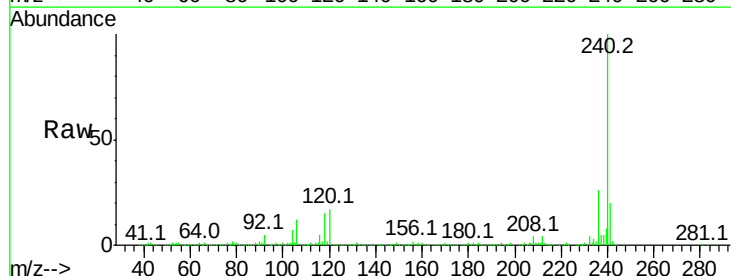
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.07 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

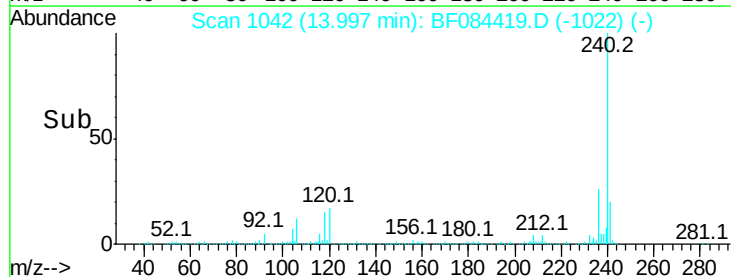
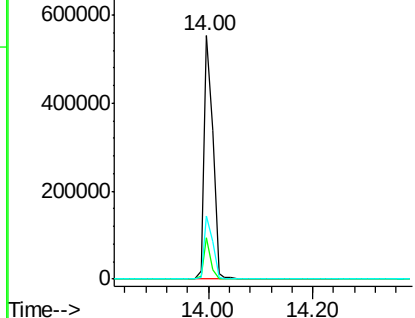
Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.8	9.5	14.3#
236	26.0	20.6	31.0

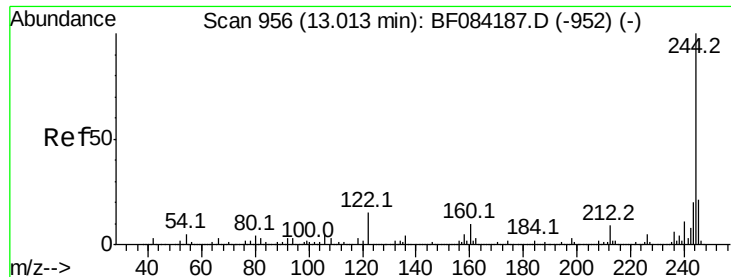


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

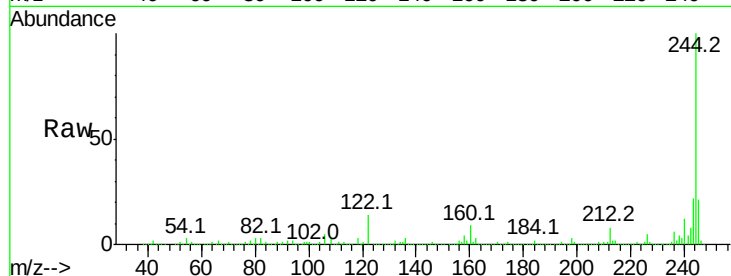




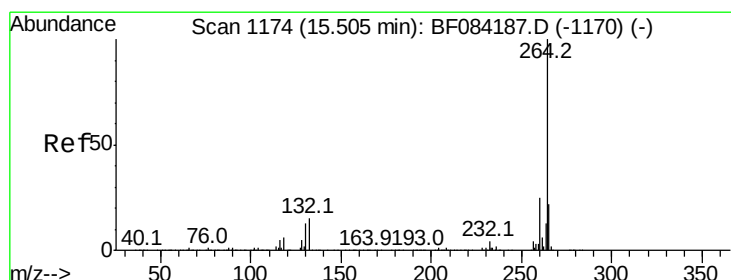
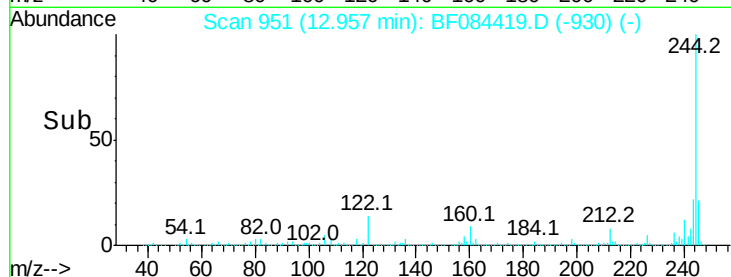
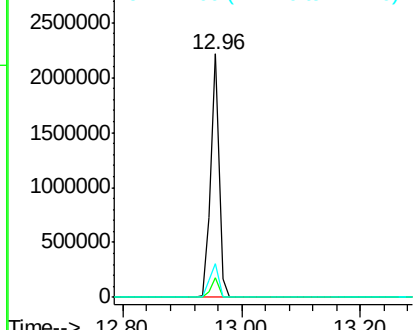
#78
 Terphenyl-d14
 Concen: 74.76 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW2-17

Tot Ion:244 Resp: 2156962
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 13.6 7.4 11.0#

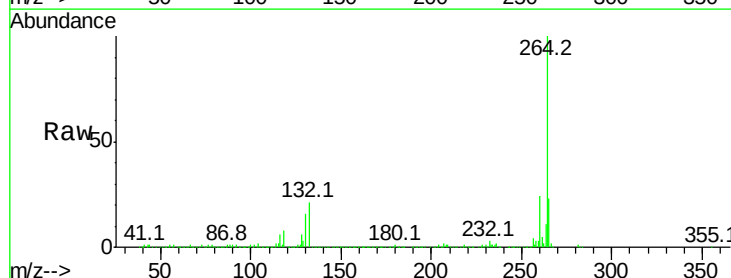


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084419.D
 Acq: 12 Jan 2016 19:29

Tgt Ion:264 Resp: 517090
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.8 17.8 26.6



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

