

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084293.D
 Acq On : 6 Jan 2016 16:57
 Operator : SJ/UM
 Sample : H1010-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43

Quant Time: Jan 07 01:23:27 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	6.86	152	282399	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1214303	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	544710	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	1032732	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	805456	20.00	ng	-0.05
86) Perylene-d12	15.45	264	632144	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1011194	57.92	ng	-0.02
7) Phenol-d6	6.50	99	760633	34.69	ng	-0.03
23) Nitrobenzene-d5	7.44	82	1958081	89.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	775242	140.97	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2929108	95.37	ng	-0.03
78) Terphenyl-d14	12.98	244	2353559	65.22	ng	-0.03

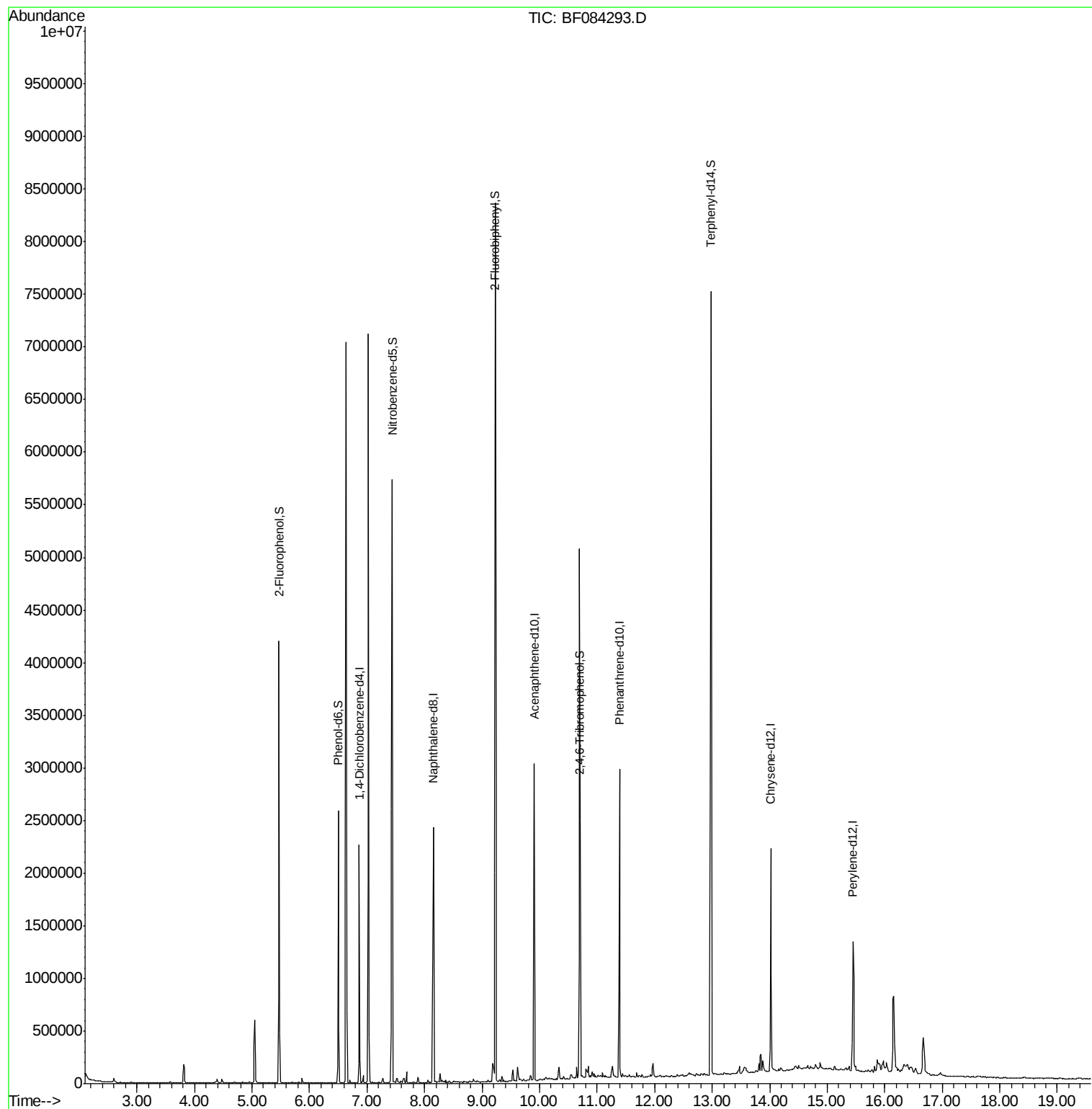
Target Compounds Qvalue

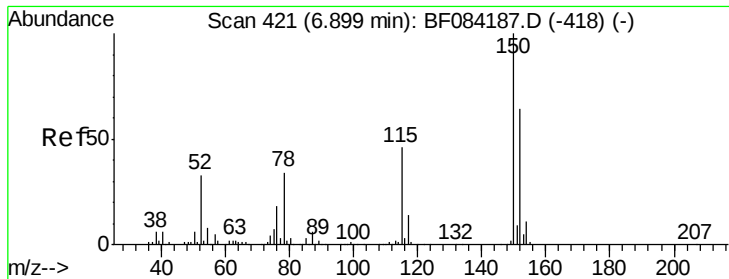
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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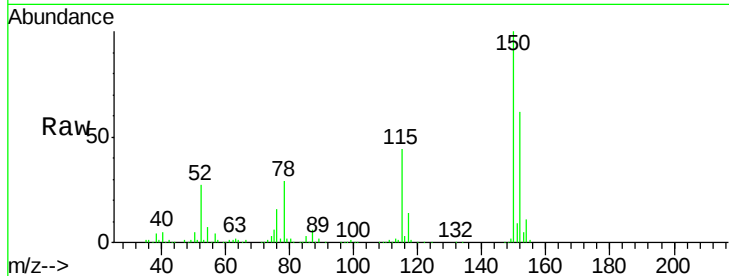


#1

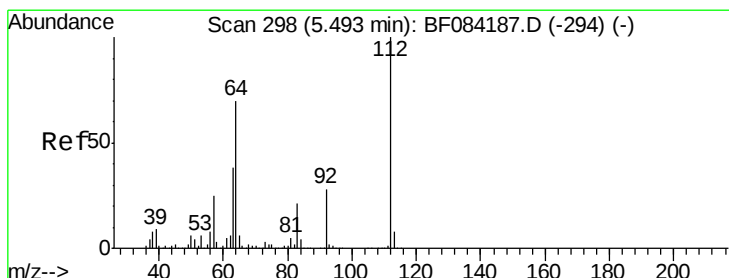
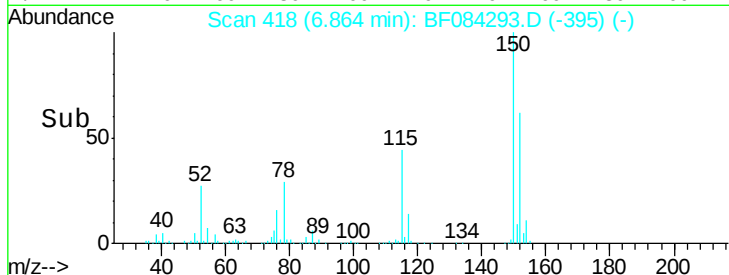
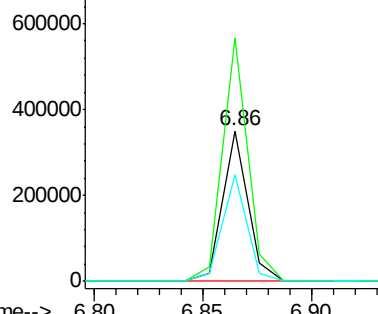
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084293.D
Acq: 6 Jan 2016 16:57

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43

Tot Ion:152 Resp: 282399
Ion Ratio Lower Upper
152 100
150 161.9 123.0 184.4
115 70.5 51.4 77.2



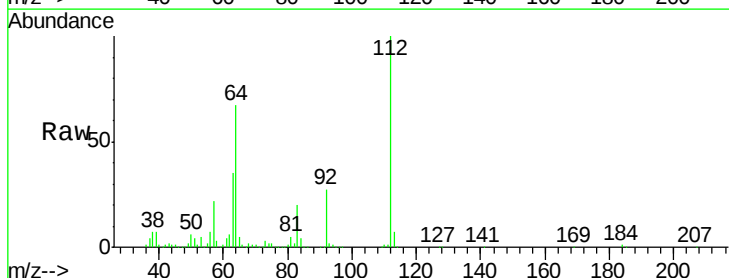
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



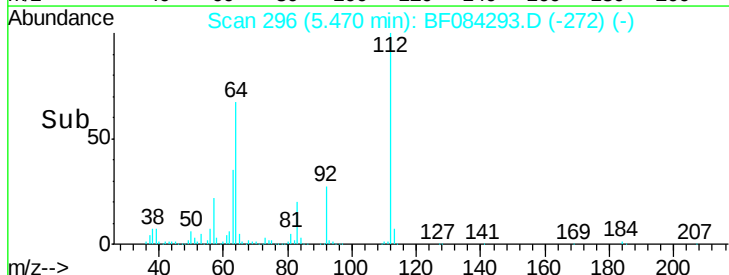
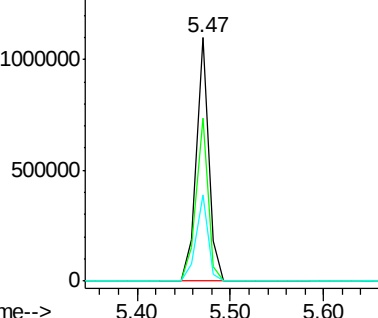
#5

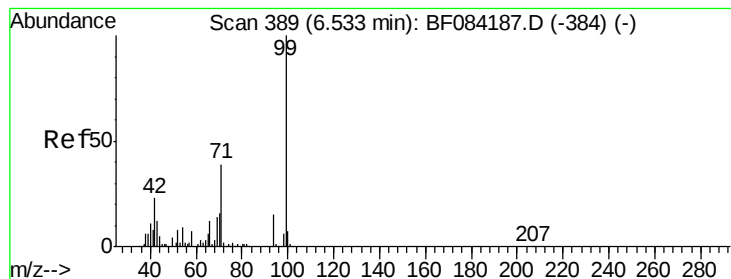
2-Fluorophenol
Concen: 57.92 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084293.D
Acq: 6 Jan 2016 16:57

Tgt Ion:112 Resp: 1011194
Ion Ratio Lower Upper
112 100
64 66.8 36.6 55.0#
63 35.2 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: 34.69 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084293.D

Acq: 6 Jan 2016 16:57

Instrument :

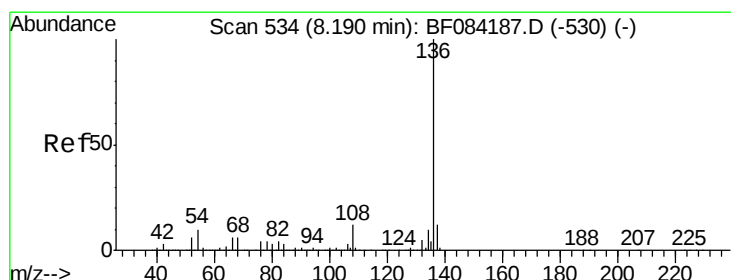
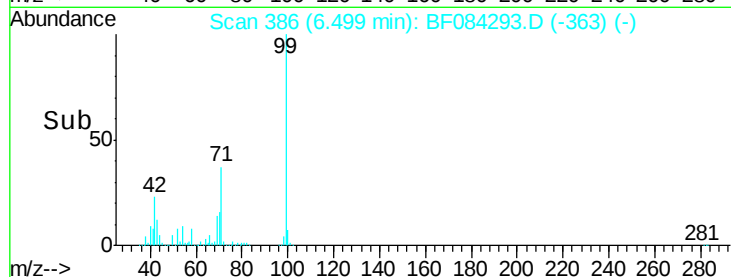
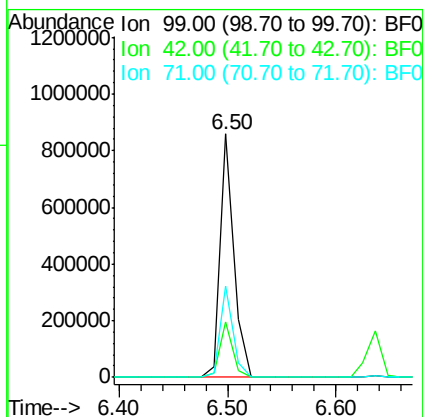
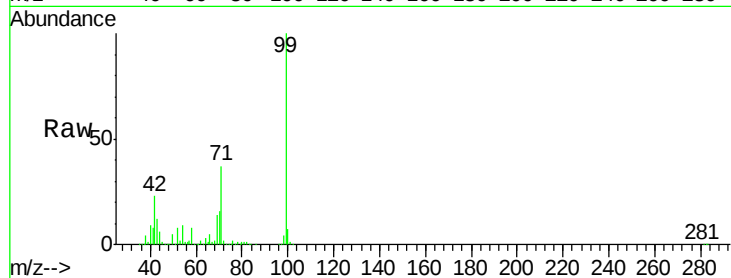
BNA_F

ClientSampleId :

TEP-MW-43

Tot Ion: 99 Resp: 760633

Ion	Ratio	Lower	Upper
99	100		
42	23.0	12.8	19.2#
71	37.3	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

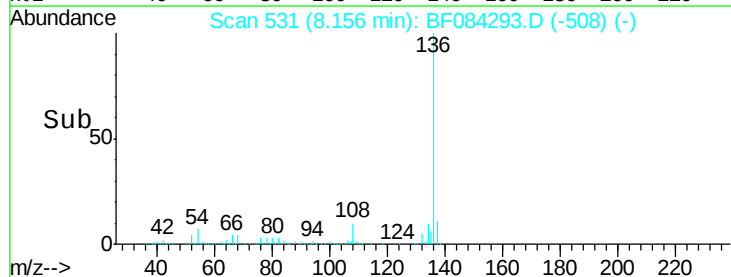
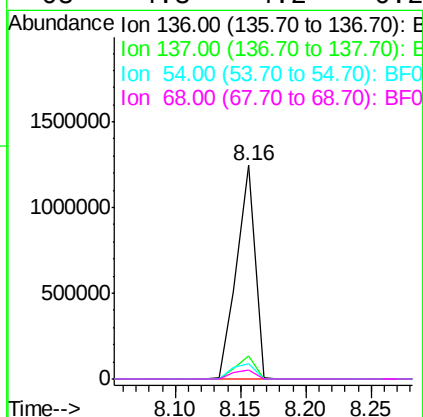
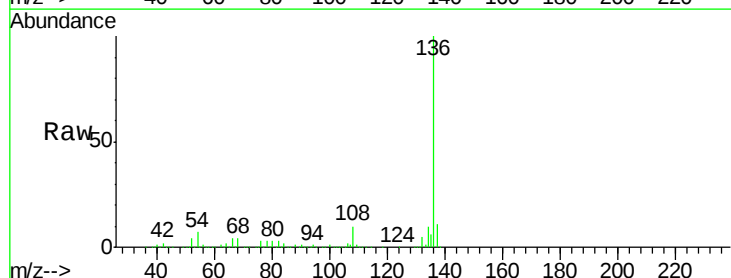
Delta R.T. -0.03 min

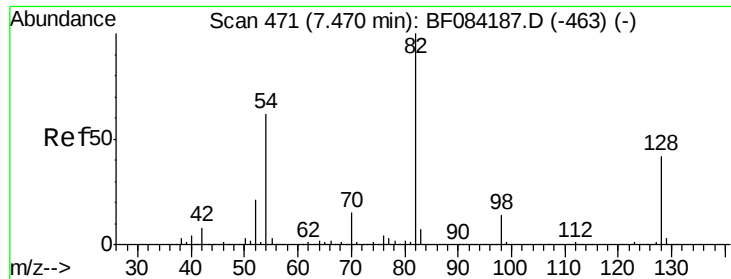
Lab File: BF084293.D

Acq: 6 Jan 2016 16:57

Tgt Ion: 136 Resp: 1214303

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.3	5.8	8.8
68	4.3	4.2	6.2





#23

Nitrobenzene-d5

Concen: 89.74 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084293.D

Acq: 6 Jan 2016 16:57

Instrument :

BNA_F

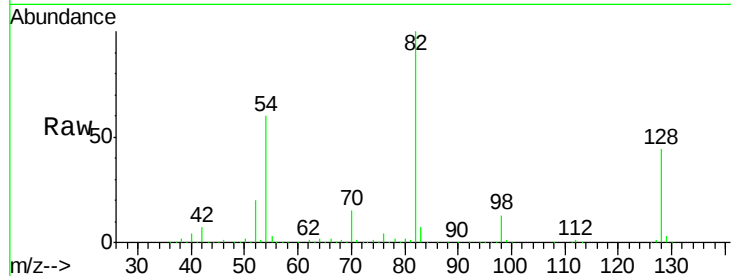
ClientSampleId :

TEP-MW-43

Tot Ion: 82 Resp: 1958081

Ion Ratio Lower Upper

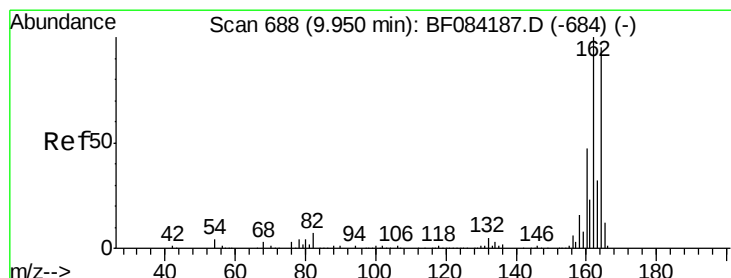
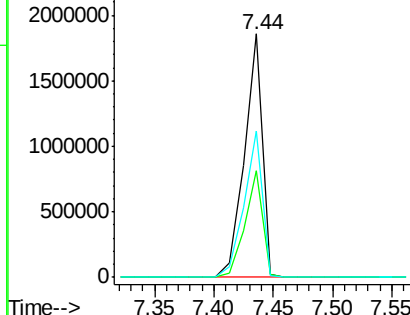
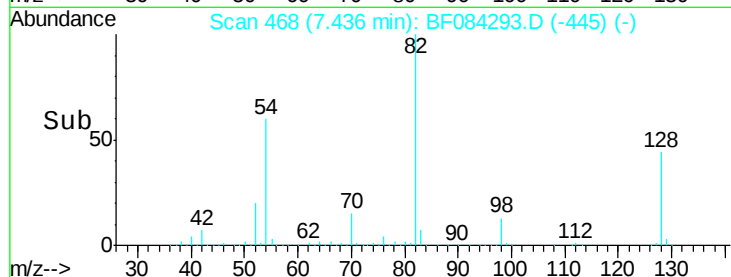
82	100		
128	43.9	34.6	51.8
54	60.2	38.4	57.6



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: 9.90 min Scan# 684

Delta R.T. -0.05 min

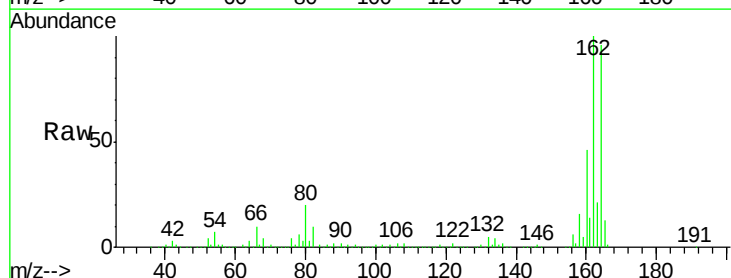
Lab File: BF084293.D

Acq: 6 Jan 2016 16:57

Tgt Ion: 164 Resp: 544710

Ion Ratio Lower Upper

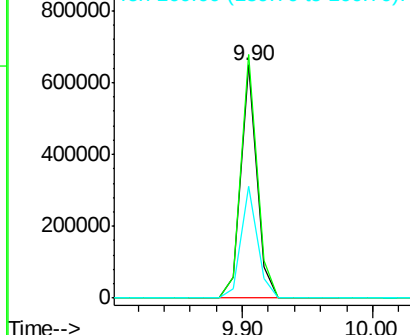
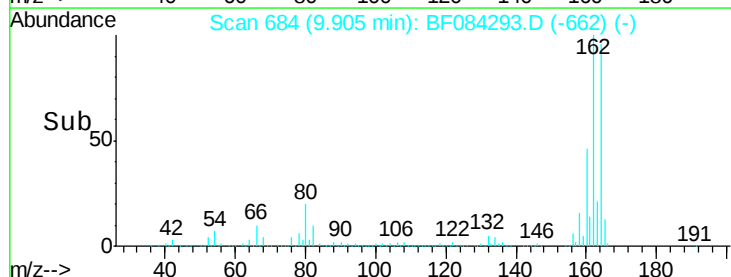
164	100		
162	104.6	85.1	127.7
160	47.8	37.5	56.3

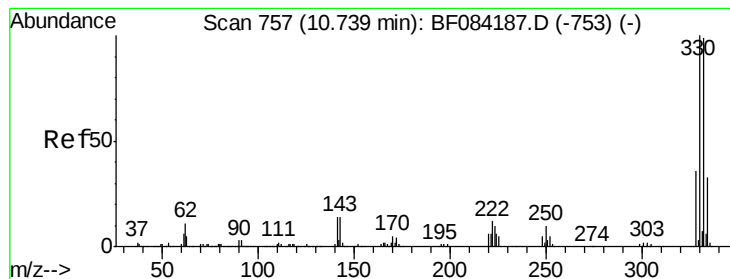


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 140.97 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF084293.D

Acq: 6 Jan 2016 16:57

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43

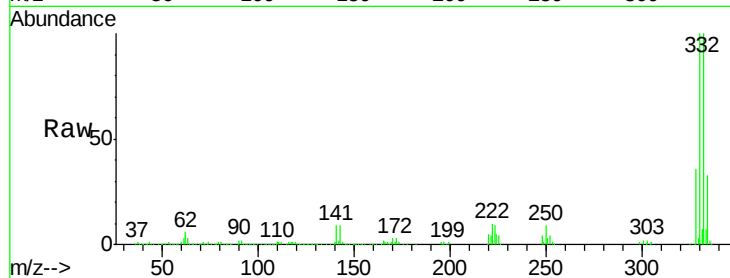
Tot Ion:330 Resp: 775242

Ion Ratio Lower Upper

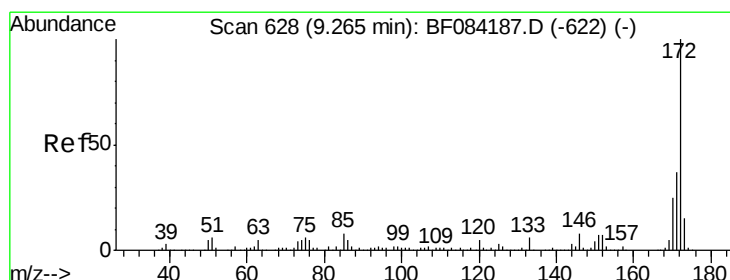
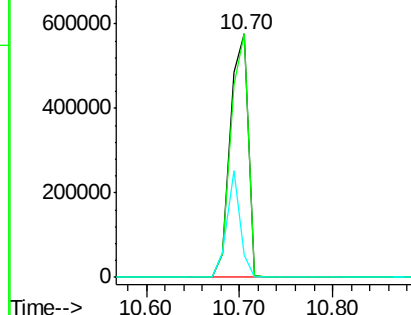
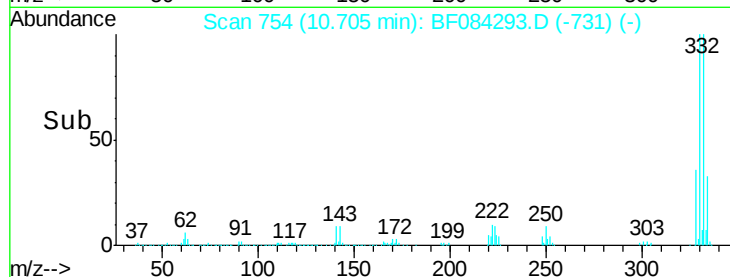
330 100

332 97.3 76.6 114.8

141 32.8 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: 95.37 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF084293.D

Acq: 6 Jan 2016 16:57

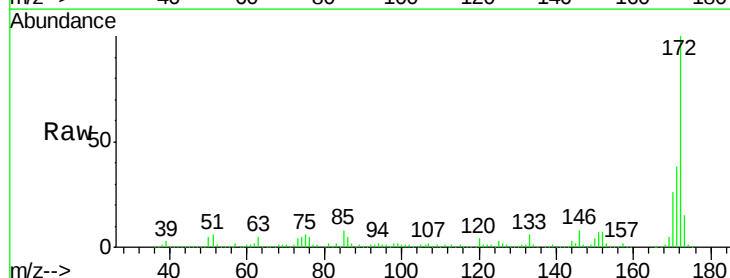
Tgt Ion:172 Resp: 2929108

Ion Ratio Lower Upper

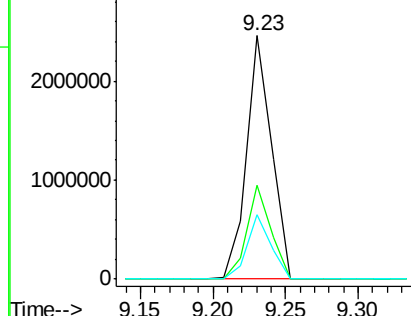
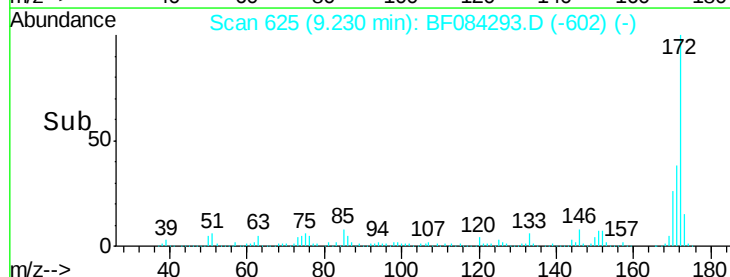
172 100

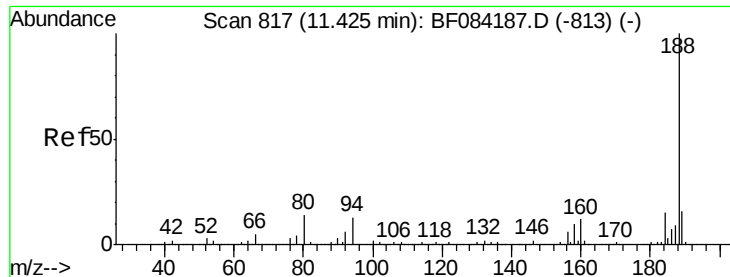
171 38.3 28.9 43.3

170 26.3 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

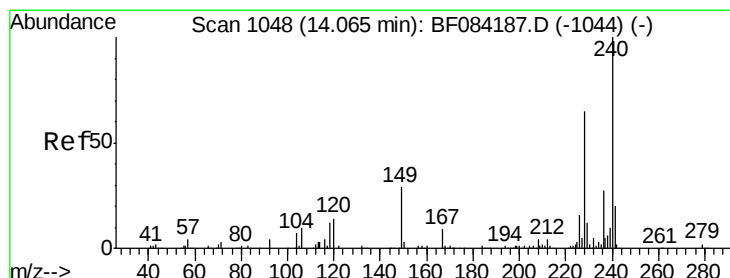
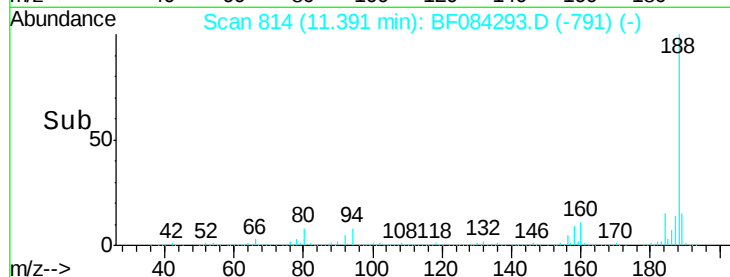
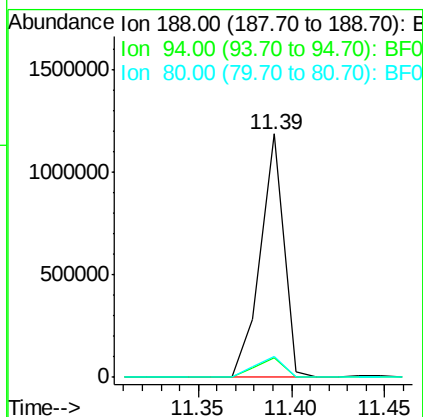
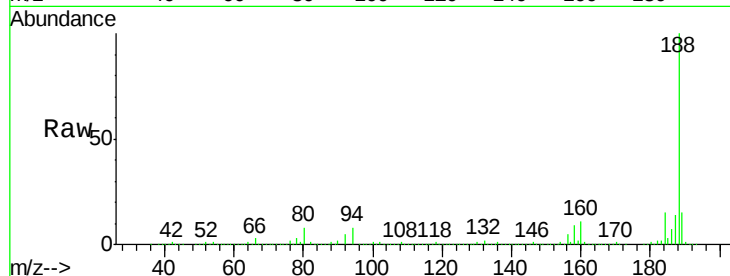




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084293.D
Acq: 6 Jan 2016 16:57

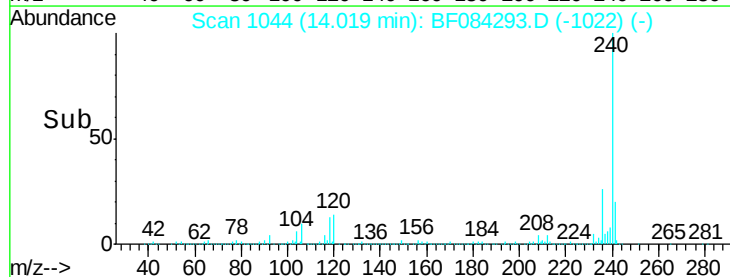
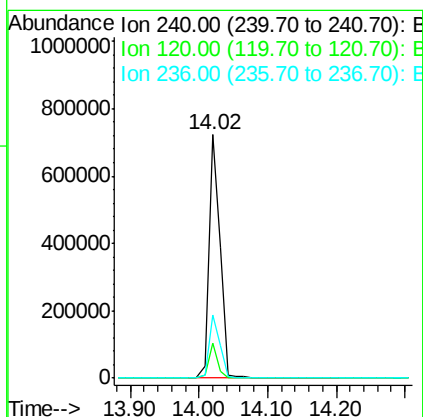
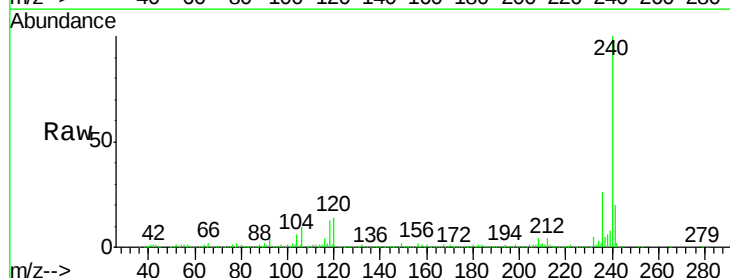
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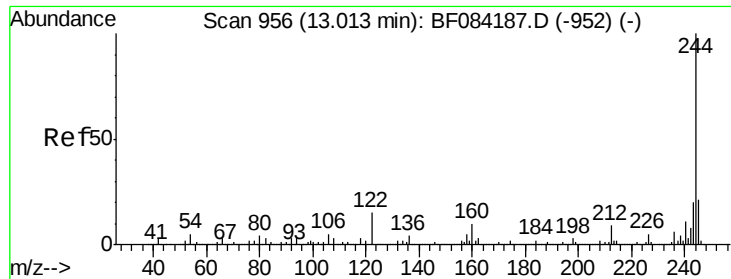
Tot Ion:188 Resp: 1032732
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.4#
80 8.4 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084293.D
Acq: 6 Jan 2016 16:57

Tgt Ion:240 Resp: 805456
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.7 20.6 31.0

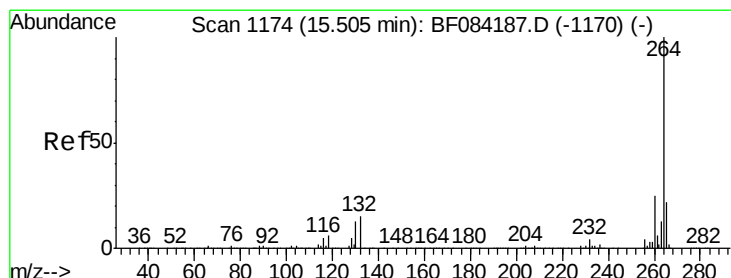
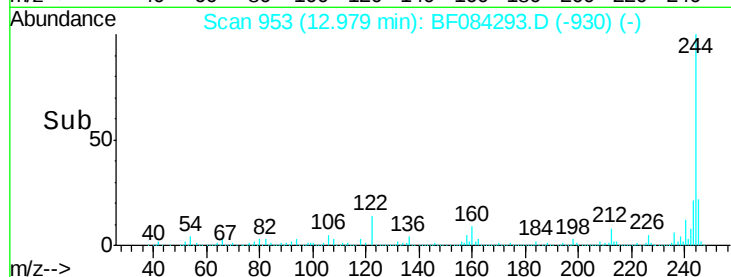
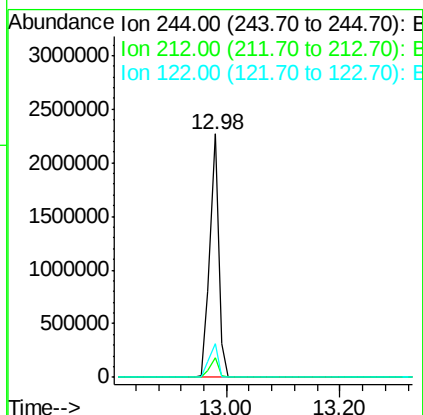
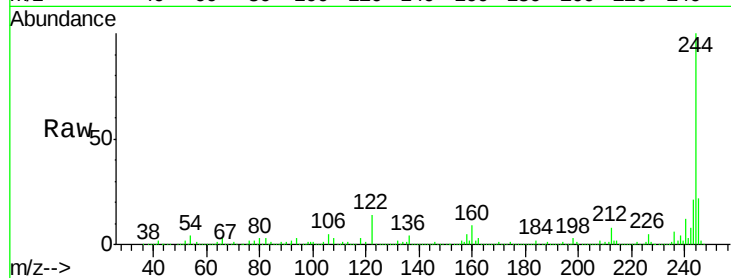




#78
 Terphenyl-d14
 Concen: 65.22 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43

Tot Ion:244 Resp: 2353559
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 14.0 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084293.D
 Acq: 6 Jan 2016 16:57

Tgt Ion:264 Resp: 632144
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.4 17.8 26.6

