

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092451.D
 Acq On : 25 Jan 2017 1:30
 Operator : UM/SJ
 Sample : I1351-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-WCS-011917(15-70)

Quant Time: Jan 25 05:30:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166265	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	643808	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	343966	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	533398	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	344449	20.00	ng	-0.02
86) Perylene-d12	15.63	264	325771	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1198714	112.17	ng	0.02
7) Phenol-d6	6.59	99	1412422	103.76	ng	0.00
23) Nitrobenzene-d5	7.53	82	976131	82.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	267308	114.04	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1425744	76.65	ng	-0.01
78) Terphenyl-d14	13.10	244	1151506	89.02	ng	-0.01

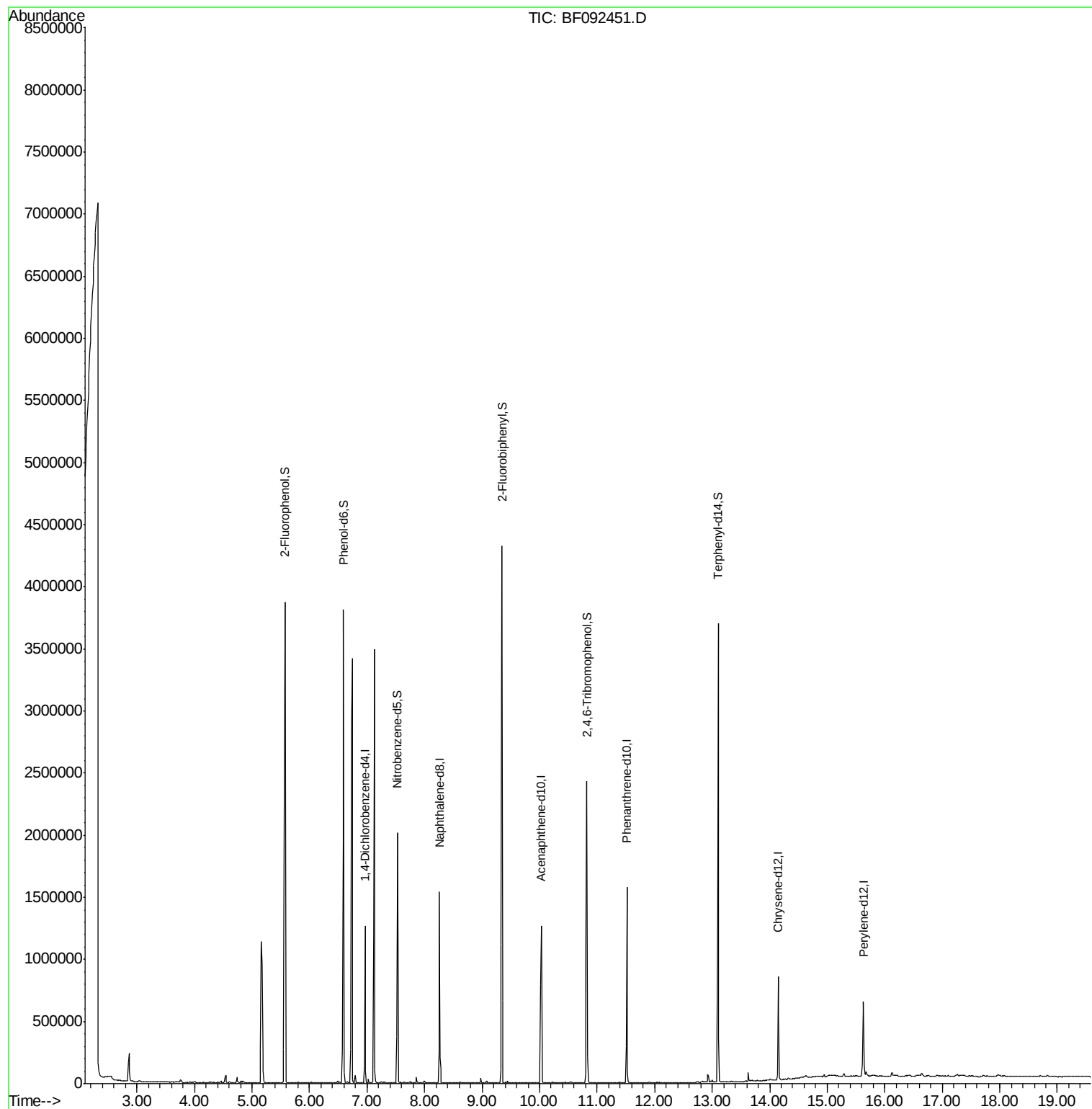
Target Compounds Qvalue

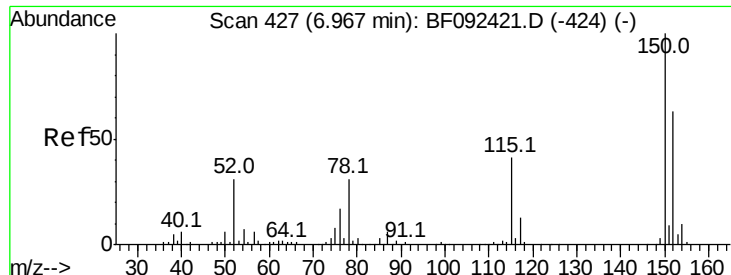
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092451.D

Acq: 25 Jan 2017 1:30

Instrument :

BNA_F

ClientSampleId :

CAS-WCS-011917(15-70)

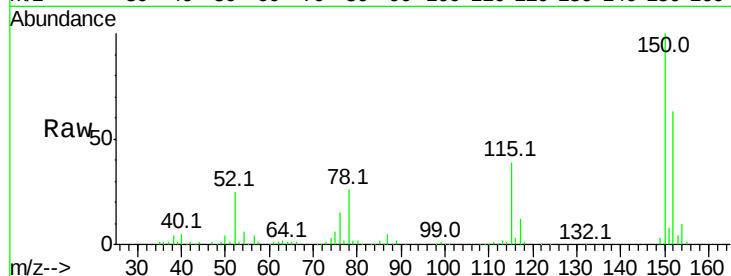
Tot Ion:152 Resp: 166265

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

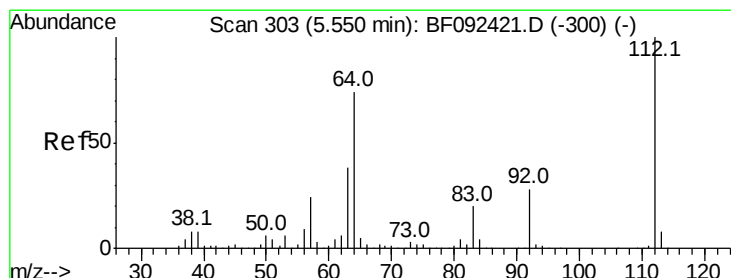
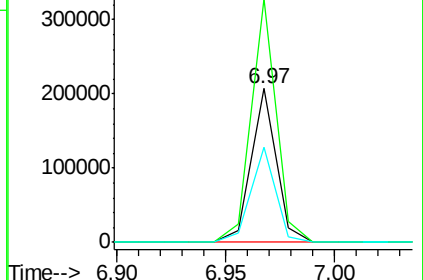
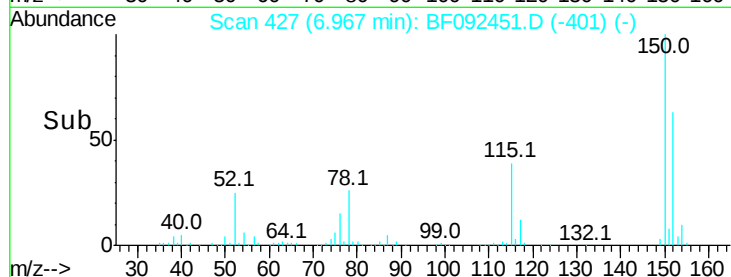
115 61.4 46.0 69.0



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: 112.17 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092451.D

Acq: 25 Jan 2017 1:30

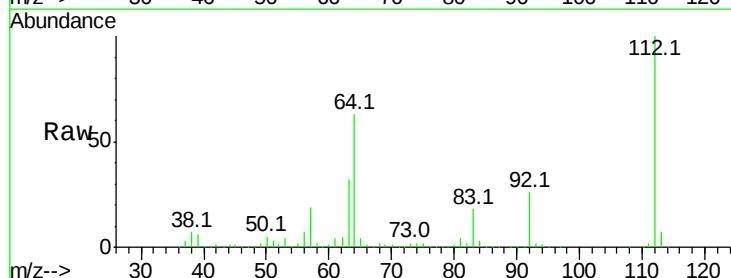
Tgt Ion:112 Resp: 1198714

Ion Ratio Lower Upper

112 100

64 62.9 46.1 69.1

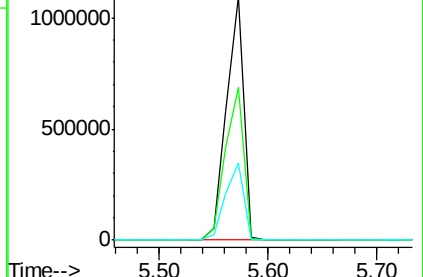
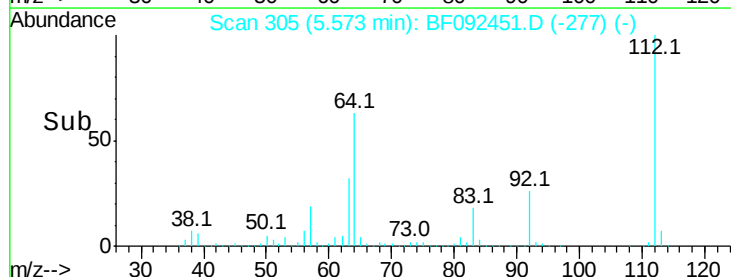
63 31.6 23.8 35.6

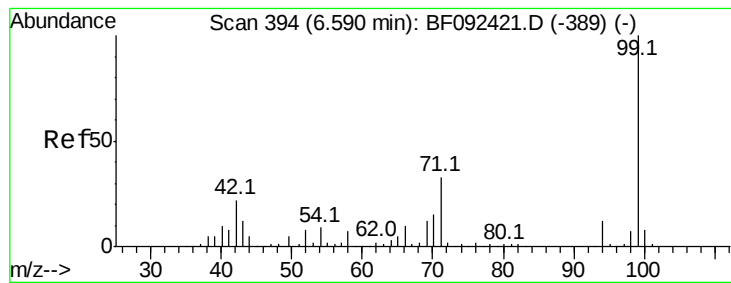


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.76 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092451.D

Acq: 25 Jan 2017 1:30

Instrument :

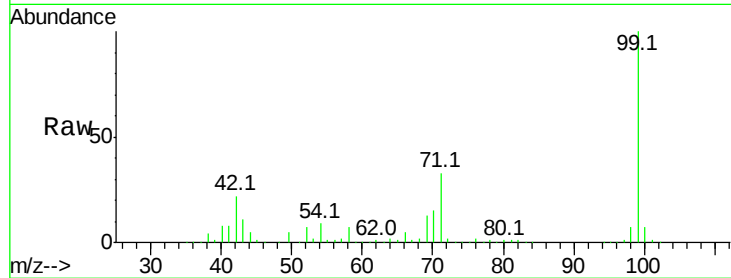
BNA_F

ClientSampleId :

CAS-WCS-011917(15-70)

Tot Ion: 99 Resp: 1412422

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	32.7	27.5	41.3

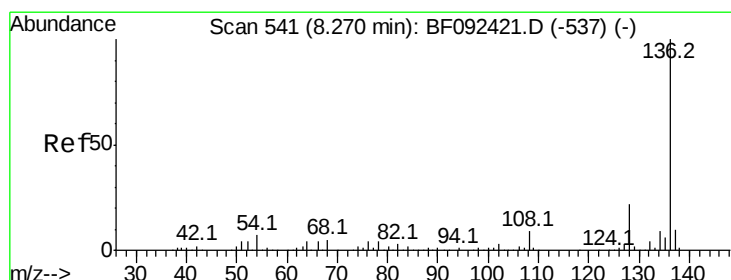
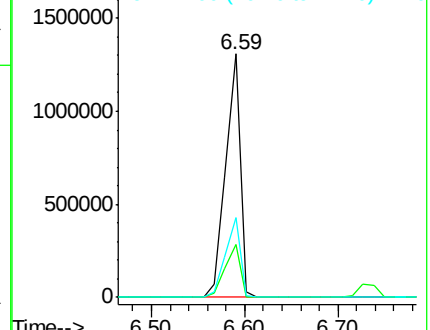
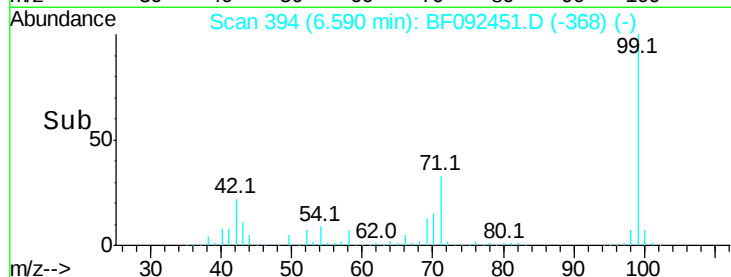


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

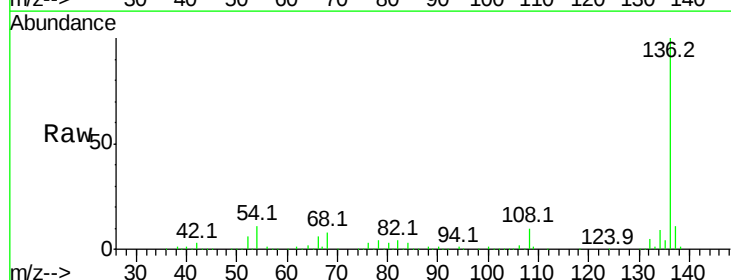
Delta R.T. -0.01 min

Lab File: BF092451.D

Acq: 25 Jan 2017 1:30

Tgt Ion: 136 Resp: 643808

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.0	4.5	6.7#
68	7.8	3.6	5.4#



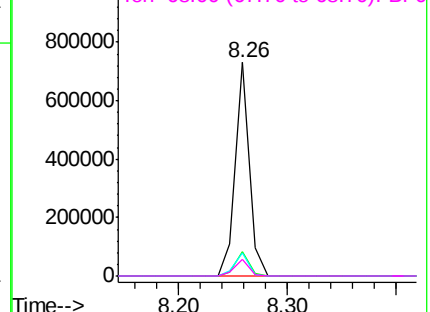
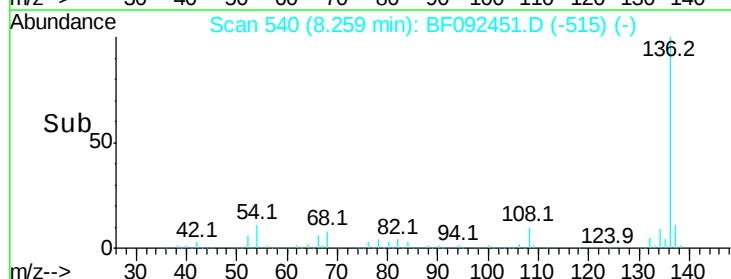
Abundance

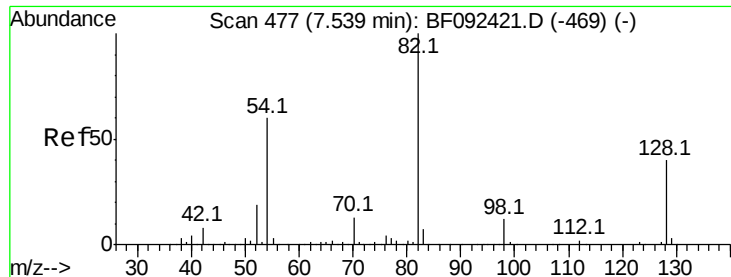
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

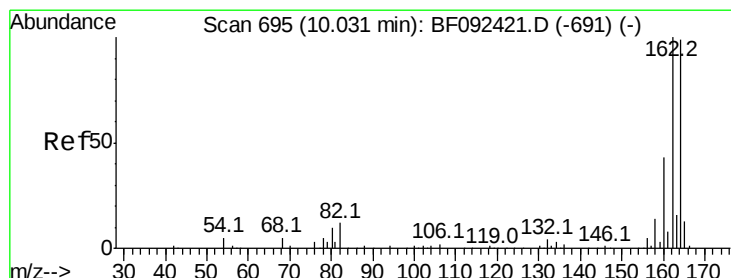
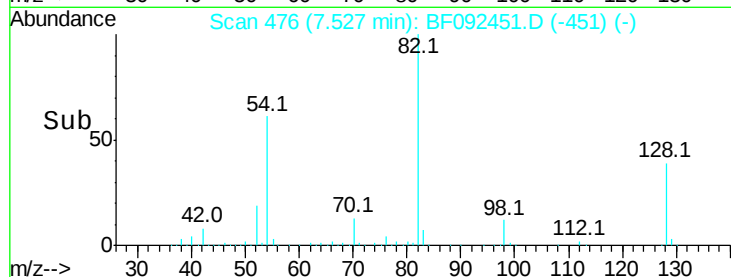
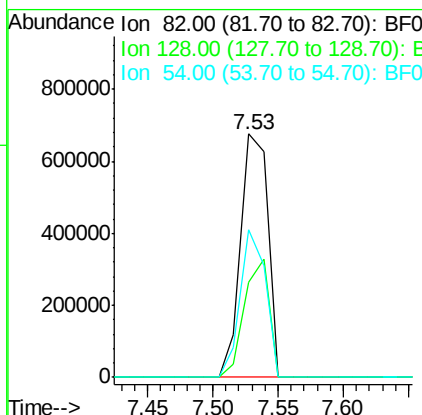
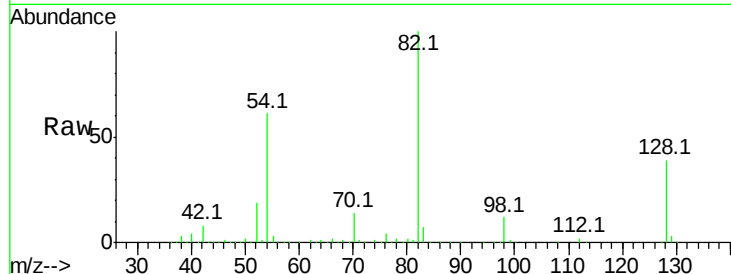




#23
Nitrobenzene-d5
Concen: 82.82 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

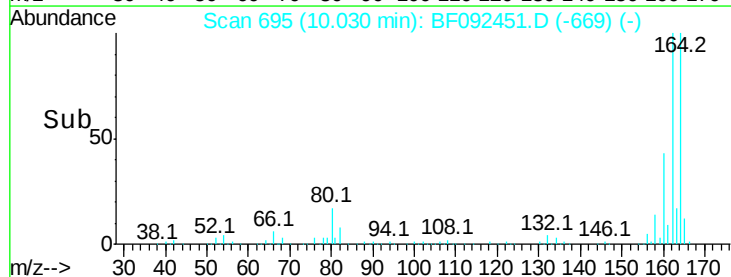
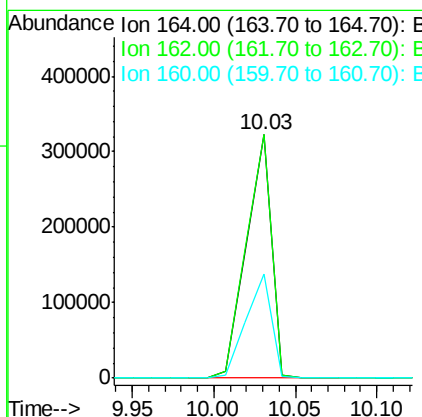
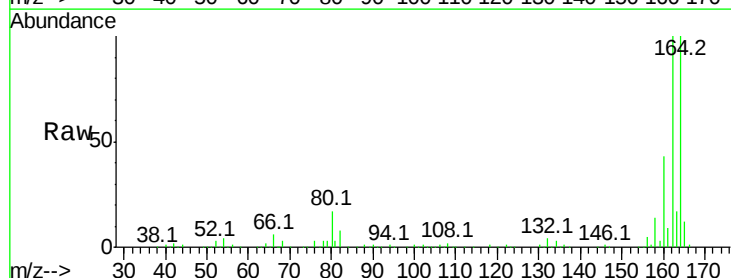
Instrument :
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CAS-WCS-011917(15-70)

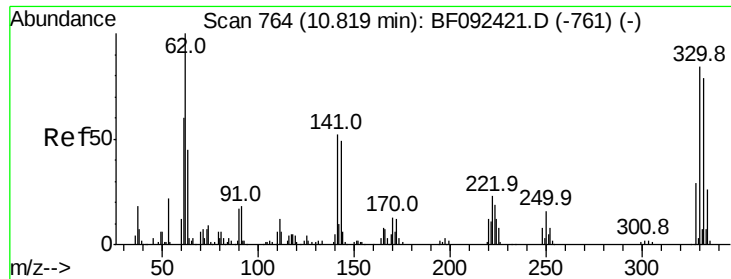
Tot Ion: 82 Resp: 976131
Ion Ratio Lower Upper
82 100
128 38.9 34.6 52.0
54 60.6 39.5 59.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

Tgt Ion:164 Resp: 343966
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 42.7 36.9 55.3

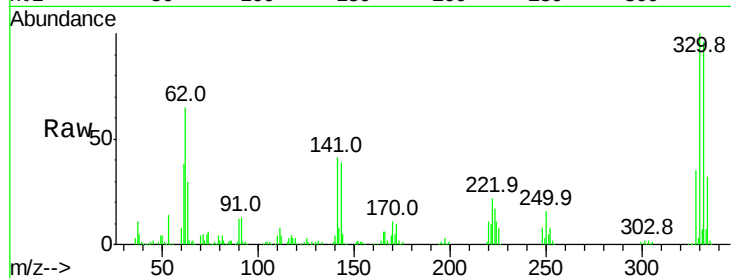




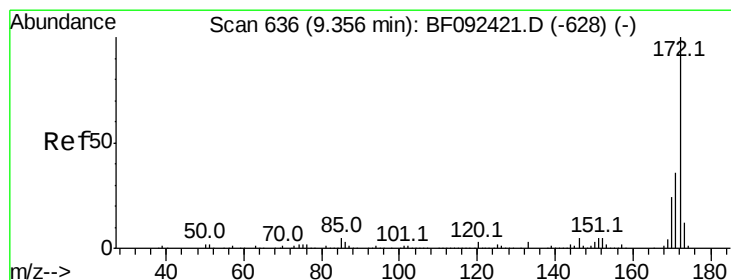
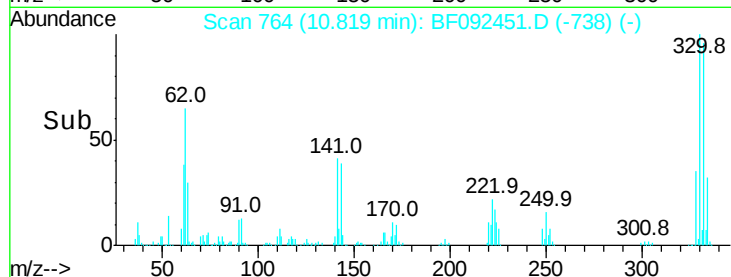
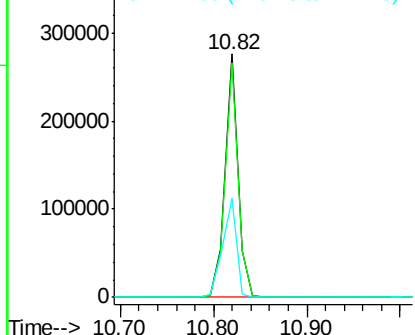
#41
 2,4,6-Tribromophenol
 Concen: 114.04 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092451.D
 Acq: 25 Jan 2017 1:30

Instrument :
 BNA_F
 ClientSampleId :
 CAS-WCS-011917(15-70)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	43.1	34.1	51.1

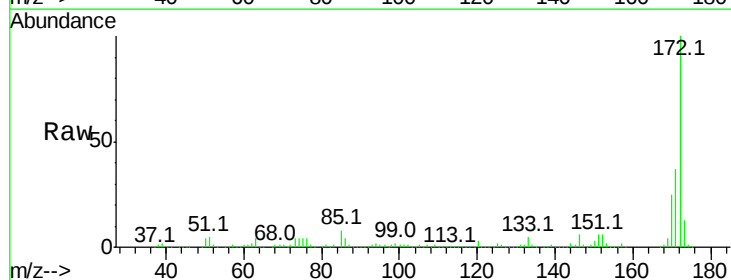


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

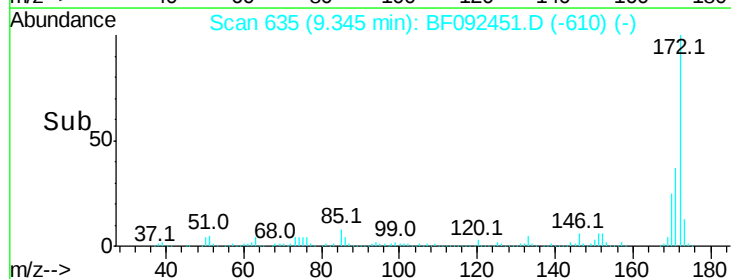
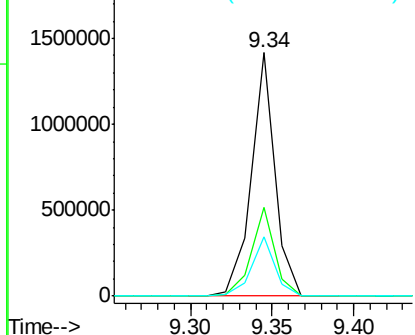


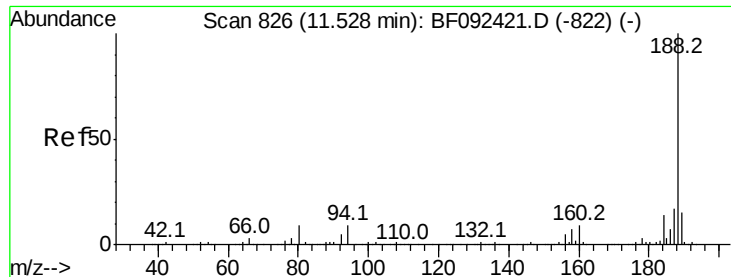
#44
 2-Fluorobiphenyl
 Concen: 76.65 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092451.D
 Acq: 25 Jan 2017 1:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.6	20.2	30.4



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

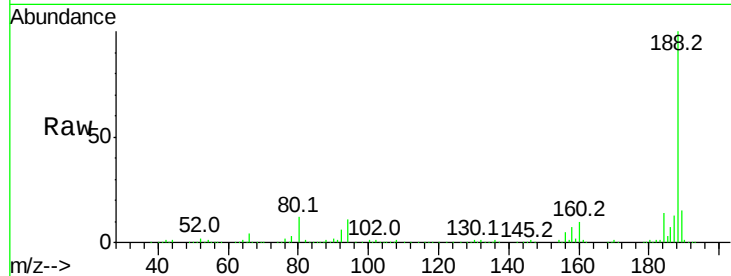




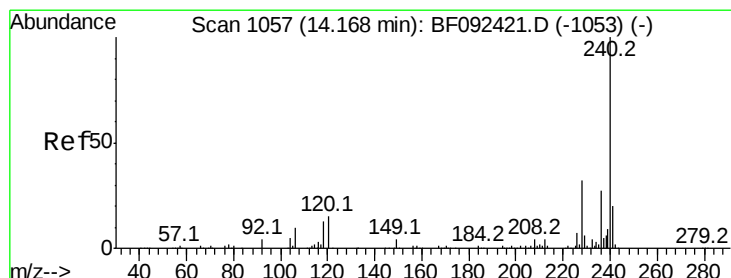
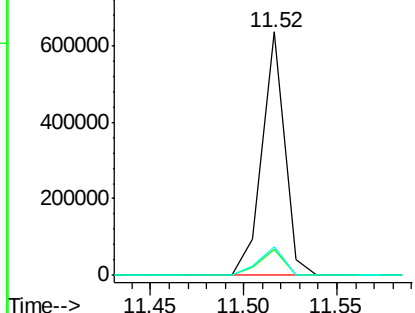
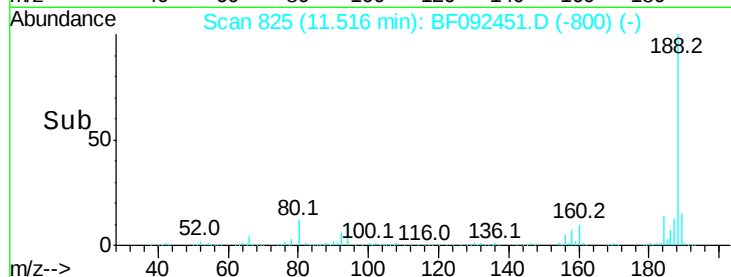
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

Instrument :
BNA_F
ClientSampleId :
CAS-WCS-011917(15-70)

Tot Ion:188 Resp: 533398
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.6 11.2 16.8

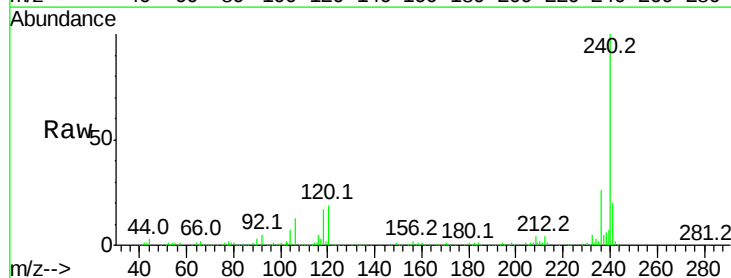


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

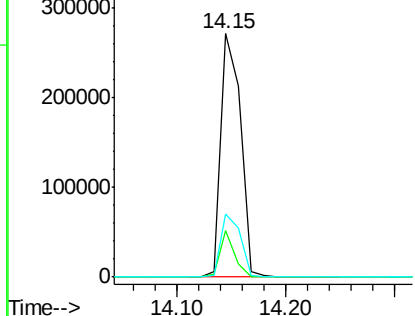
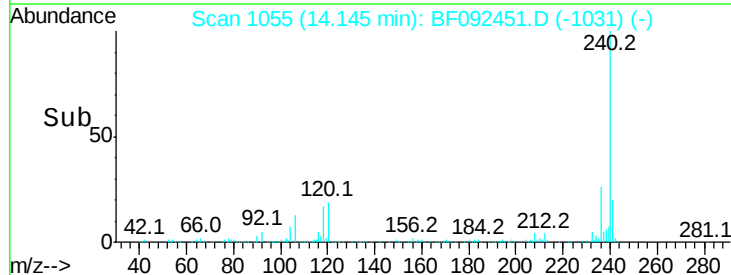


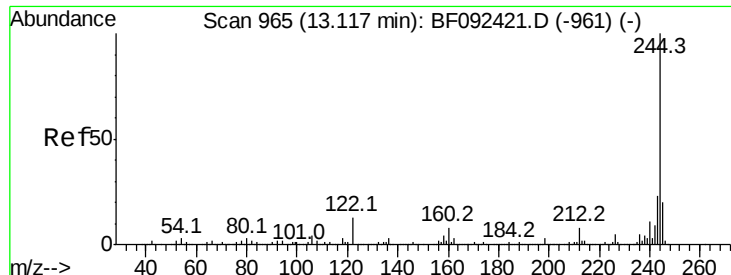
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

Tgt Ion:240 Resp: 344449
Ion Ratio Lower Upper
240 100
120 19.2 12.9 19.3
236 25.9 20.9 31.3



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: 89.02 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092451.D

Acq: 25 Jan 2017 1:30

Instrument :

BNA_F

ClientSampleId :

CAS-WCS-011917(15-70)

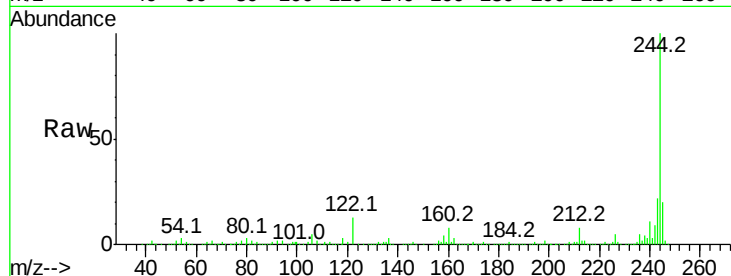
Tot Ion:244 Resp: 1151506

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

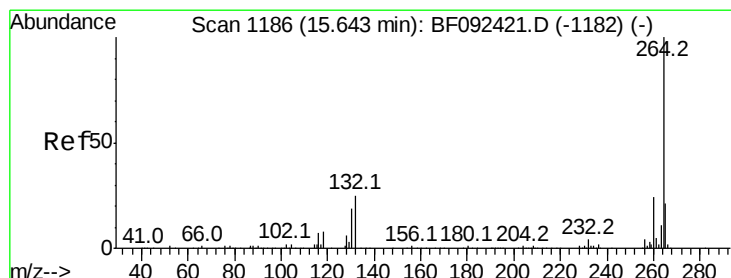
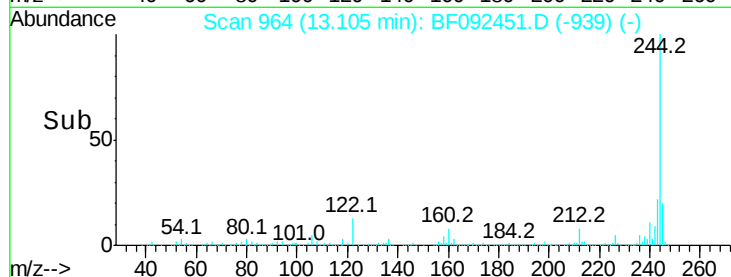
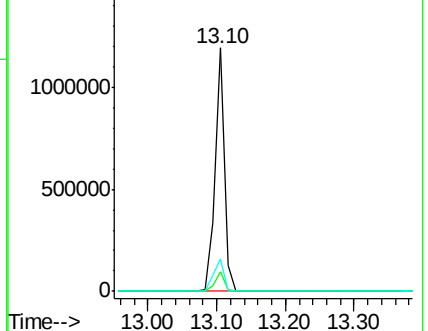
122 13.4 11.4 17.2



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: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092451.D

Acq: 25 Jan 2017 1:30

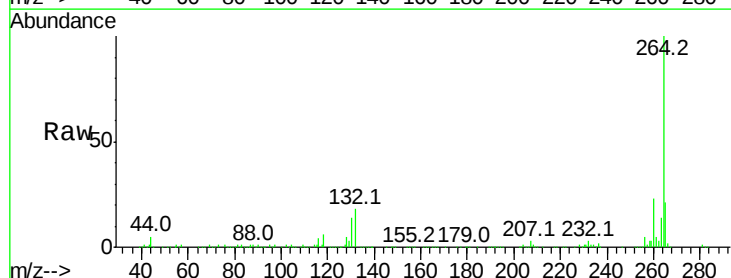
Tgt Ion:264 Resp: 325771

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.4 17.4 26.0



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

