

Data Path : Z:\HPCHEM1\BNA F\Data\BF010515\
 Data File : BF076741.D
 Acq On : 5 Jan 2015 12:04
 Operator : IZ / TP
 Sample : IDOC-BL-S-RS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-BL-S-RS

Quant Time: Jan 06 01:34:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 00:20:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	42382	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	178680	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	94626	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	174581	20.00	ng	0.00
75) Chrysene-d12	15.53	240	175432	20.00	ng	0.02
86) Perylene-d12	17.36	264	157071	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	307933	123.18	ng	0.00
7) Phenol-d6	6.31	99	391904	128.36	ng	0.00
23) Nitrobenzene-d5	7.42	82	233090	77.58	ng	-0.01
41) 2,4,6-Tribromophenol	11.42	330	104087	130.15	ng	-0.01
44) 2-Fluorobiphenyl	9.66	172	487161	80.12	ng	0.00
78) Terphenyl-d14	14.27	244	574991	72.30	ng	0.00

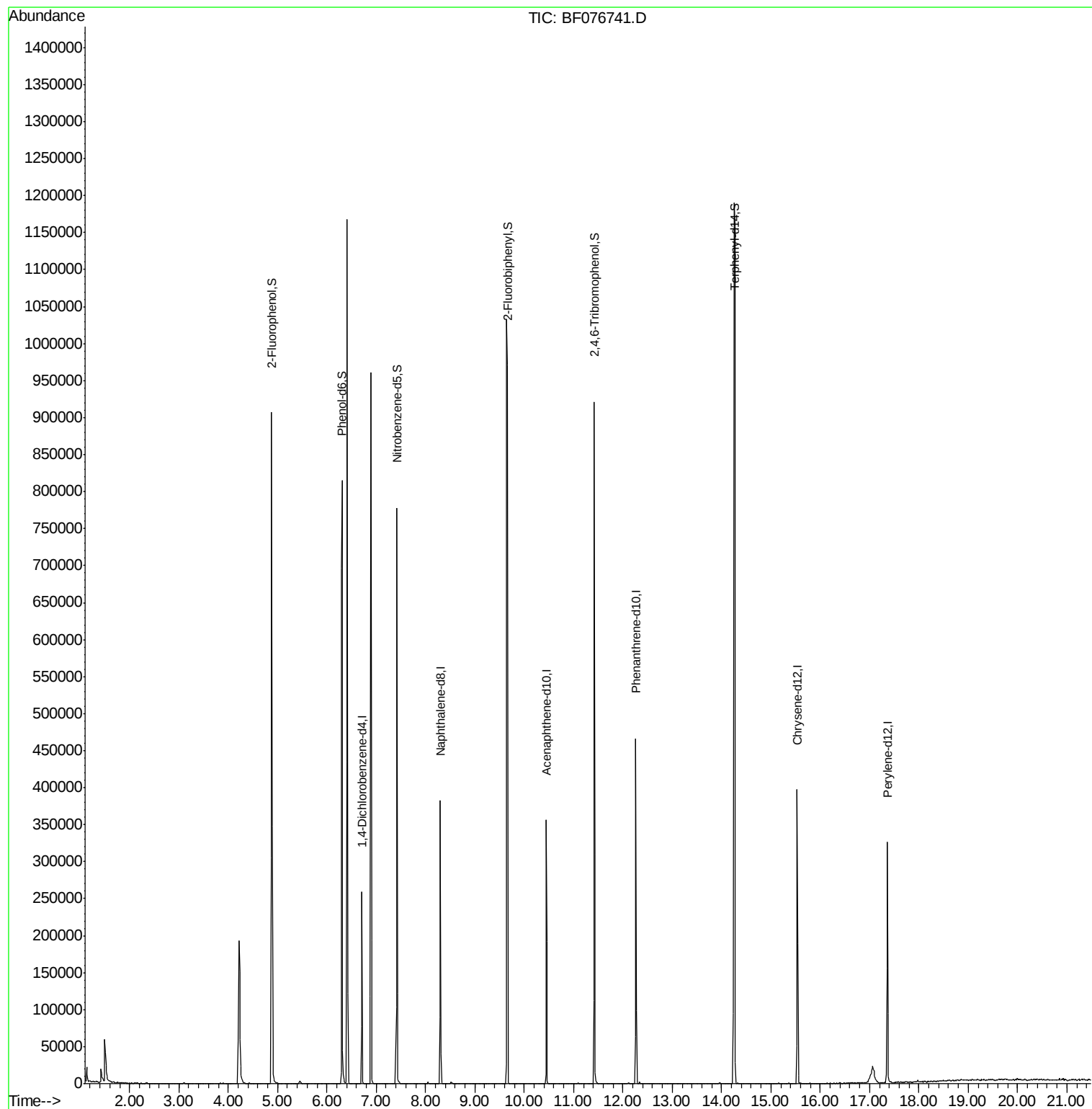
Target Compounds Qvalue

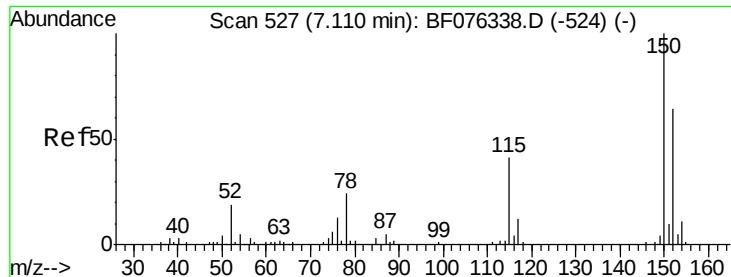
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF076741.D

Acq: 5 Jan 2015 12:04

Instrument :

BNA_F

ClientSampleId :

IDOC-BL-S-RS

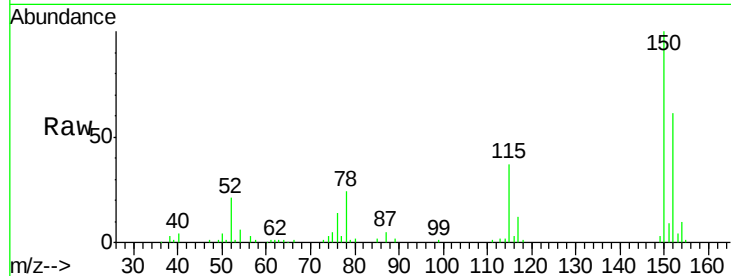
Tot Ion:152 Resp: 42382

Ion Ratio Lower Upper

152 100

150 164.1 125.2 187.8

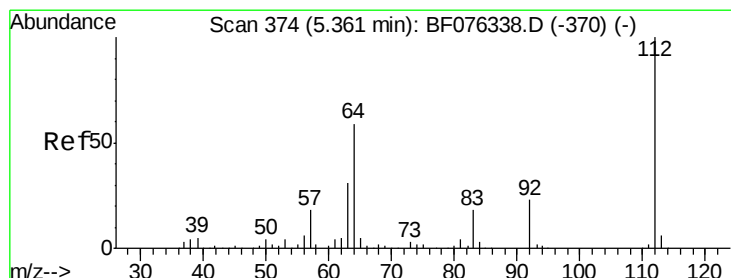
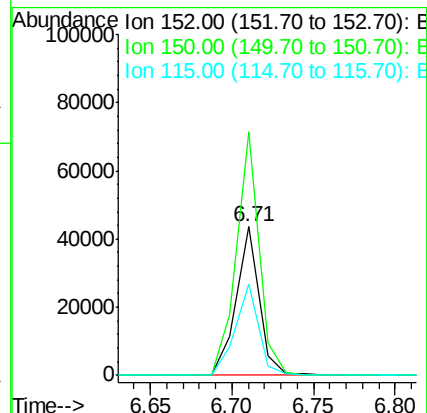
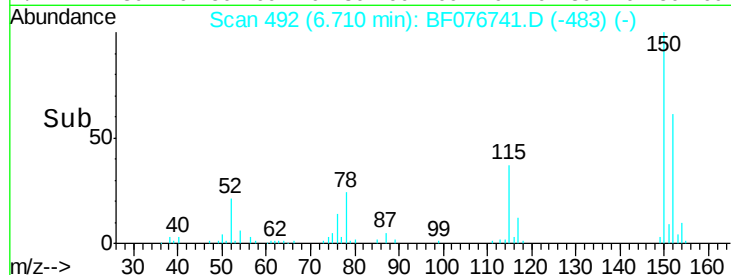
115 61.4 51.4 77.0



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: 123.18 ng

RT: 4.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF076741.D

Acq: 5 Jan 2015 12:04

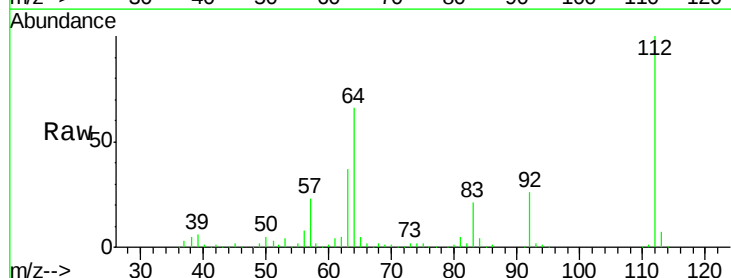
Tgt Ion:112 Resp: 307933

Ion Ratio Lower Upper

112 100

64 65.6 47.4 71.0

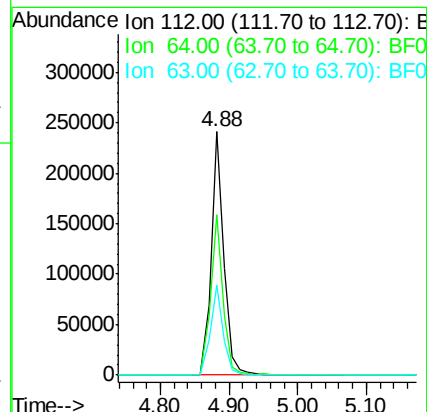
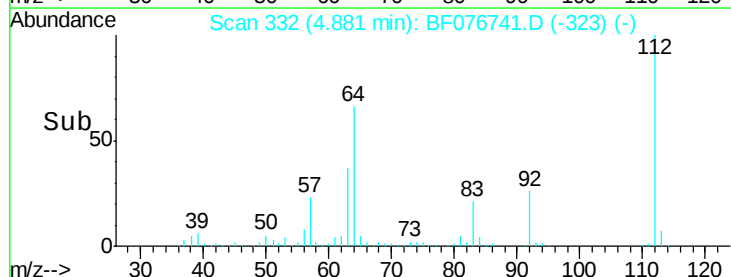
63 37.2 25.0 37.4

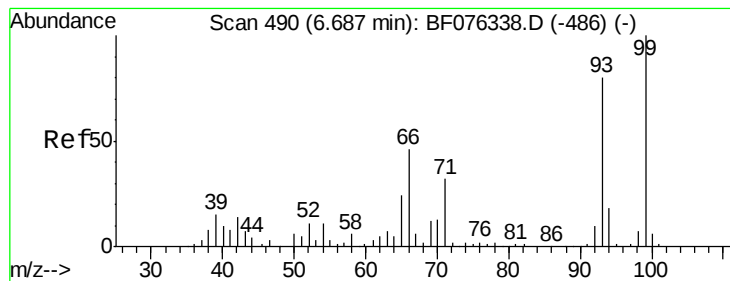


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.36 ng

RT: 6.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF076741.D

Acq: 5 Jan 2015 12:04

Instrument :

BNA_F

ClientSampleId :

IDOC-BL-S-RS

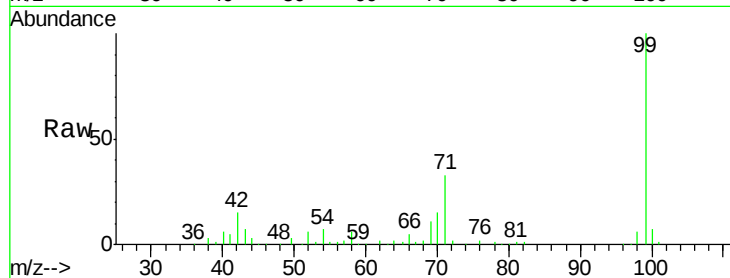
Tot Ion: 99 Resp: 391904

Ion Ratio Lower Upper

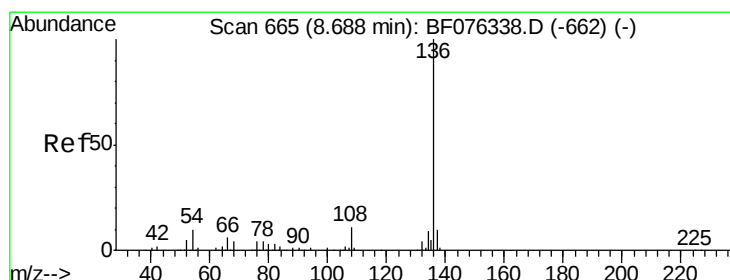
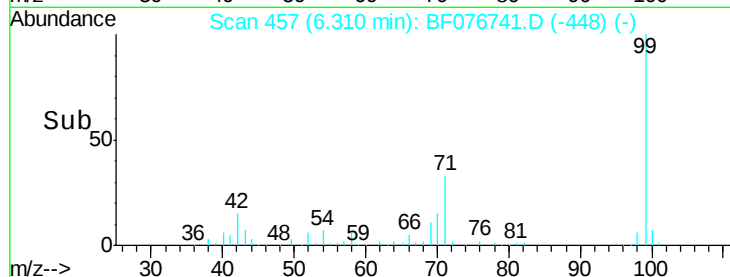
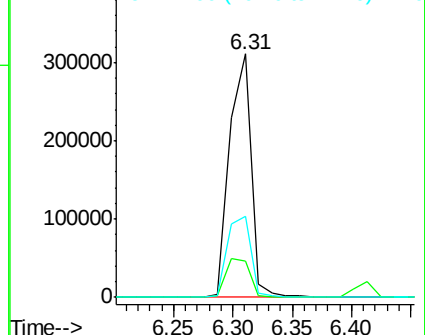
99 100

42 15.1 11.6 17.4

71 33.3 25.9 38.9



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: 8.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF076741.D

Acq: 5 Jan 2015 12:04

Tgt Ion:136 Resp: 178680

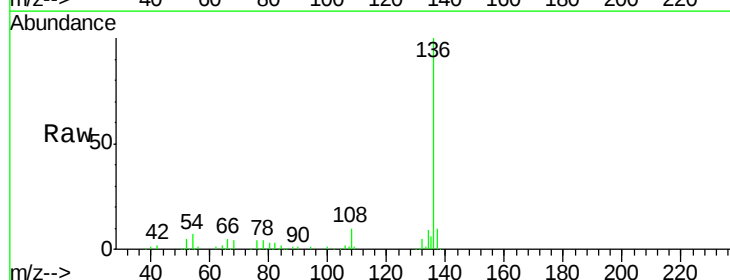
Ion Ratio Lower Upper

136 100

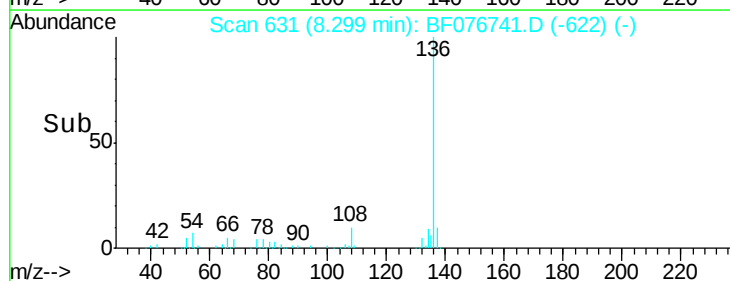
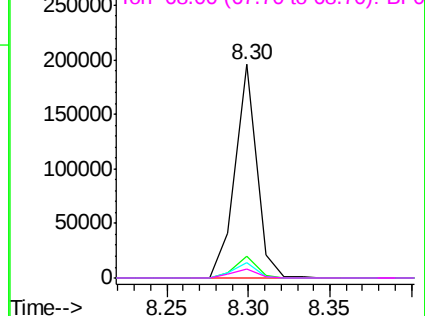
137 10.4 8.4 12.6

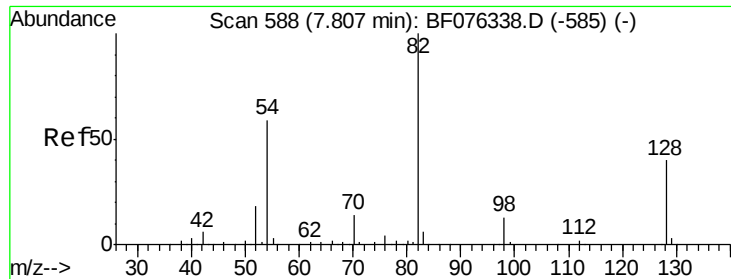
54 6.9 7.8 11.6#

68 4.3 3.4 5.2



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

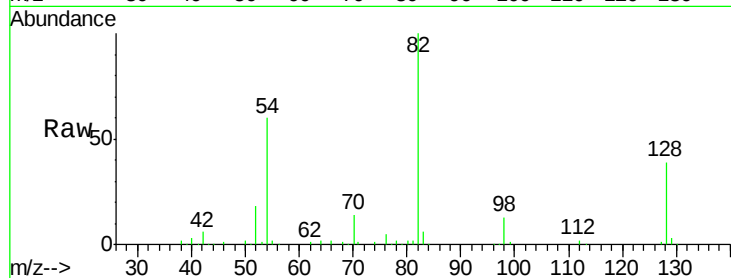




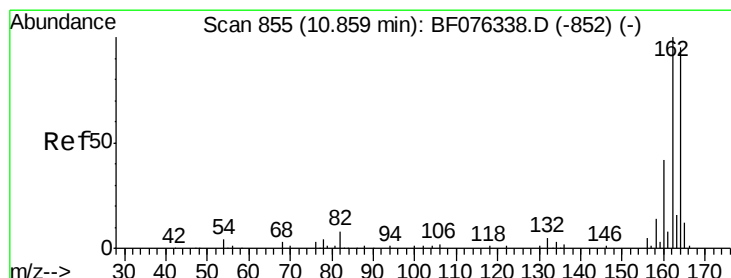
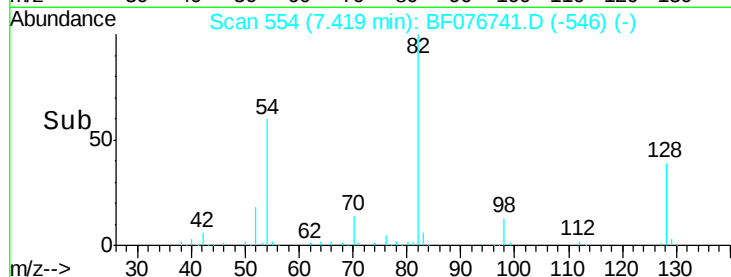
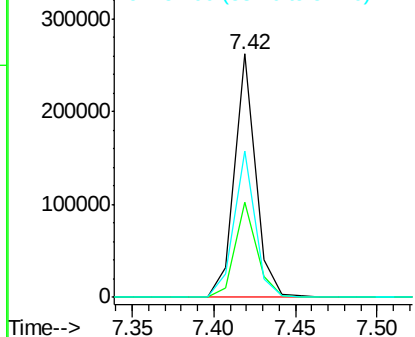
#23
Nitrobenzene-d5
Concen: 77.58 ng
RT: 7.42 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF076741.D
Acq: 5 Jan 2015 12:04

Instrument :
BNA_F
ClientSampleId :
IDOC-BL-S-RS

Tot Ion	82	Resp	233090
Ion Ratio	Lower	Upper	
82	100		
128	39.1	31.9	47.9
54	60.0	47.2	70.8

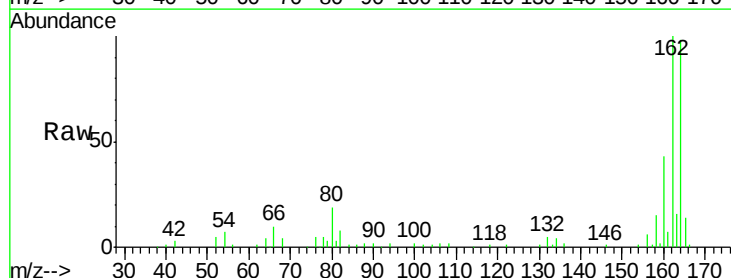


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

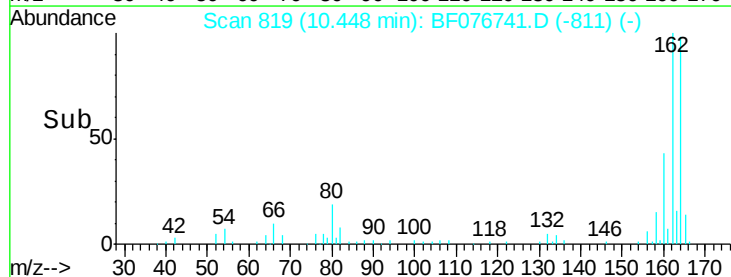
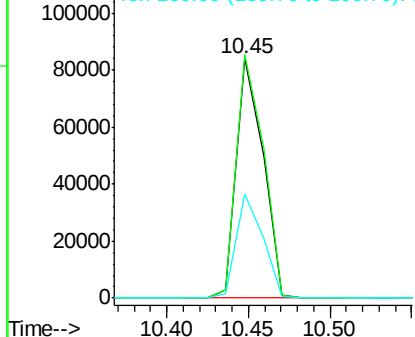


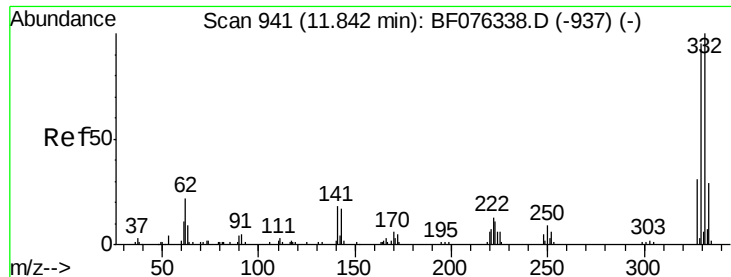
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF076741.D
Acq: 5 Jan 2015 12:04

Tgt Ion	164	Resp	94626
Ion Ratio	Lower	Upper	
164	100		
162	101.6	84.2	126.2
160	43.5	35.5	53.3



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

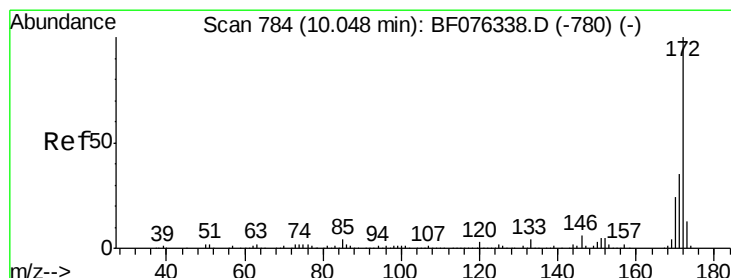
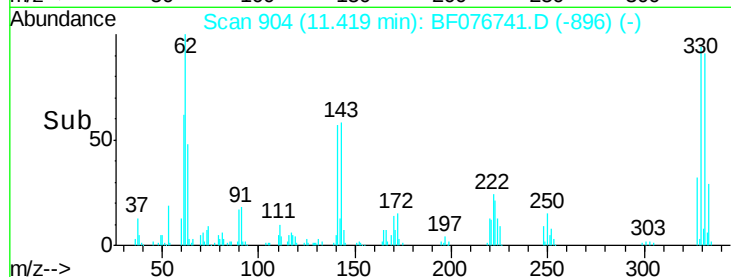
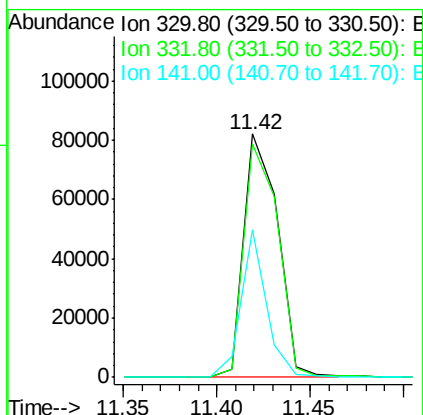
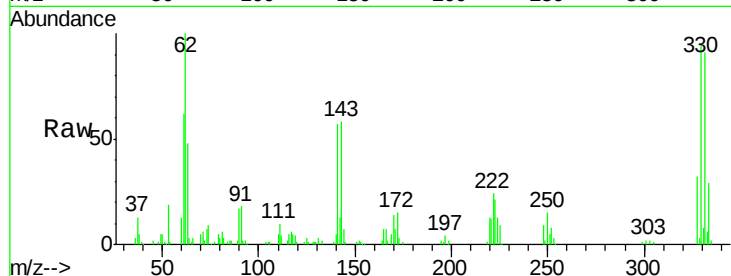




#41
 2,4,6-Tribromophenol
 Concen: 130.15 ng
 RT: 11.42 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF076741.D
 Acq: 5 Jan 2015 12:04

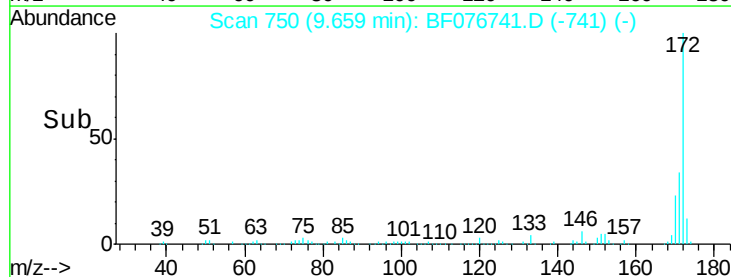
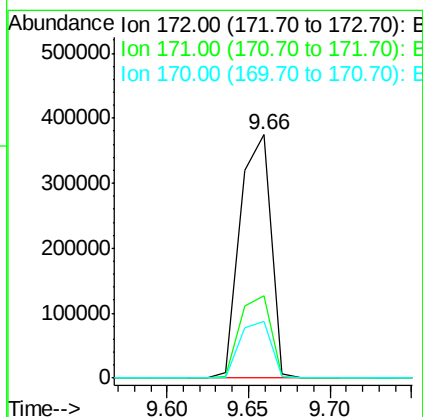
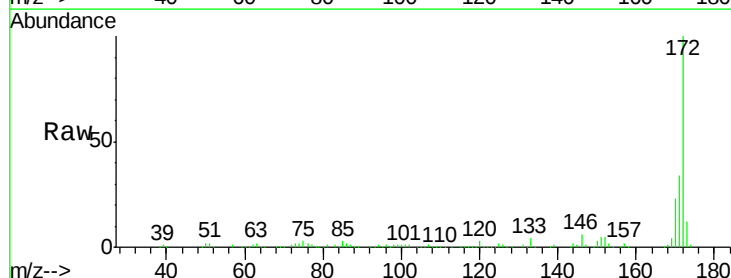
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-BL-S-RS

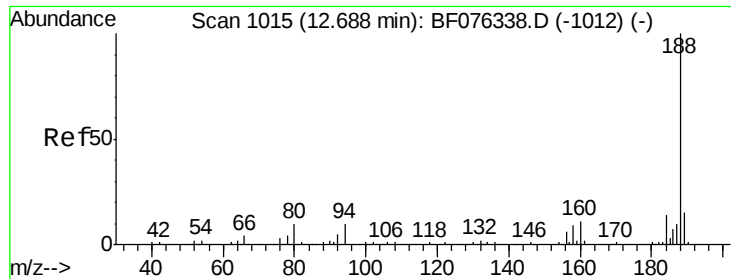
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	45.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 80.12 ng
 RT: 9.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF076741.D
 Acq: 5 Jan 2015 12:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.8
170	23.1	19.0	28.4

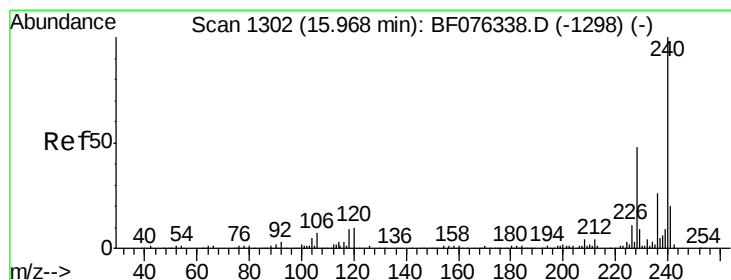
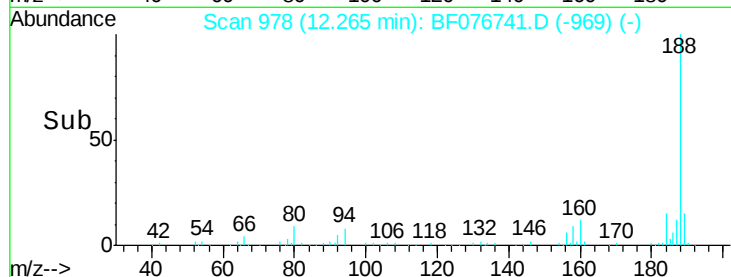
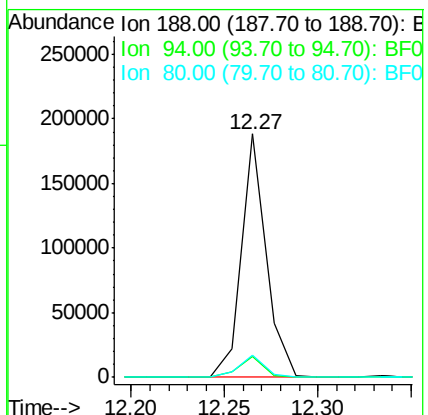
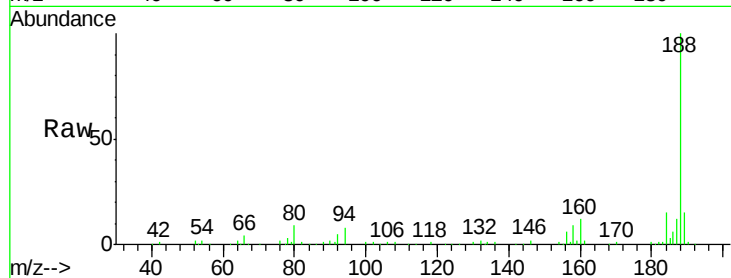




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF076741.D
Acq: 5 Jan 2015 12:04

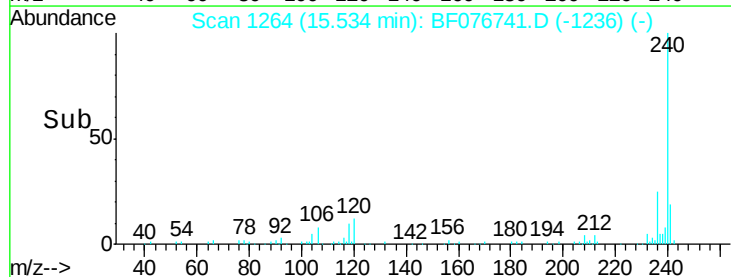
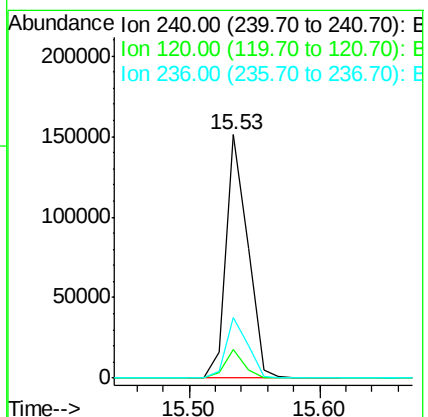
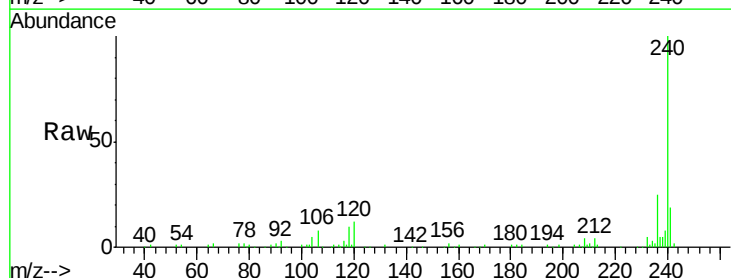
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IDOC-BL-S-RS

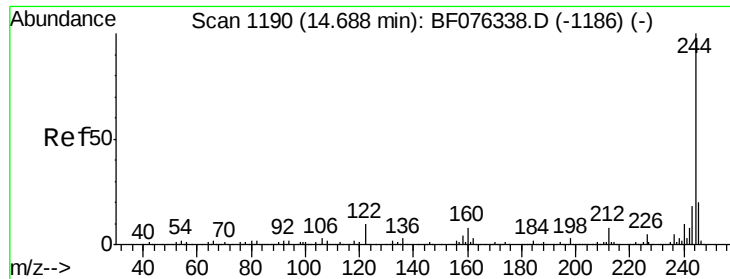
Tot Ion:188 Resp: 174581
Ion Ratio Lower Upper
188 100
94 8.4 7.9 11.9
80 9.1 8.2 12.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1264
Delta R.T. 0.02 min
Lab File: BF076741.D
Acq: 5 Jan 2015 12:04

Tgt Ion:240 Resp: 175432
Ion Ratio Lower Upper
240 100
120 11.7 8.0 12.0
236 24.8 20.6 30.8

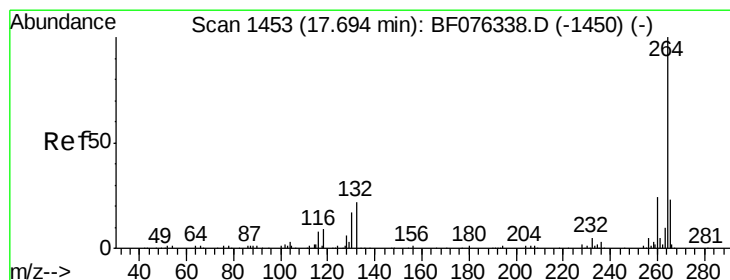
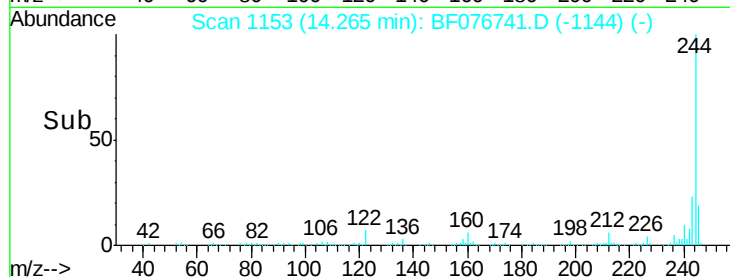
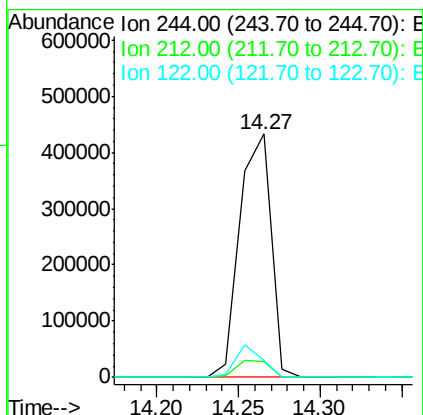
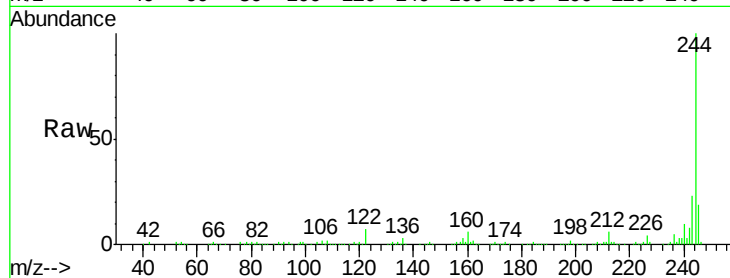




#78
 Terphenyl-d14
 Concen: 72.30 ng
 RT: 14.27 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF076741.D
 Acq: 5 Jan 2015 12:04

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-BL-S-RS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.2	9.2
122	7.1	8.2	12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.36 min Scan# 1424
 Delta R.T. 0.17 min
 Lab File: BF076741.D
 Acq: 5 Jan 2015 12:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	20.4	18.1	27.1

