

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091473.D
 Acq On : 7 Dec 2016 16:58
 Operator : UM/SJ
 Sample : PB95096TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95096TB

Manual Integrations
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Quant Time: Dec 08 00:41:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	144165m	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	611359	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	364310	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	670344	20.00	ng	0.00
75) Chrysene-d12	13.98	240	599005	20.00	ng	0.00
86) Perylene-d12	15.40	264	455742	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	830427	94.10	ng	0.01
7) Phenol-d6	6.46	99	944327	86.93	ng	-0.01
23) Nitrobenzene-d5	7.40	82	632230	57.95	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	305937	88.70	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1179556	58.62	ng	-0.01
78) Terphenyl-d14	12.94	244	1520899	55.19	ng	0.00

Target Compounds Qvalue

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

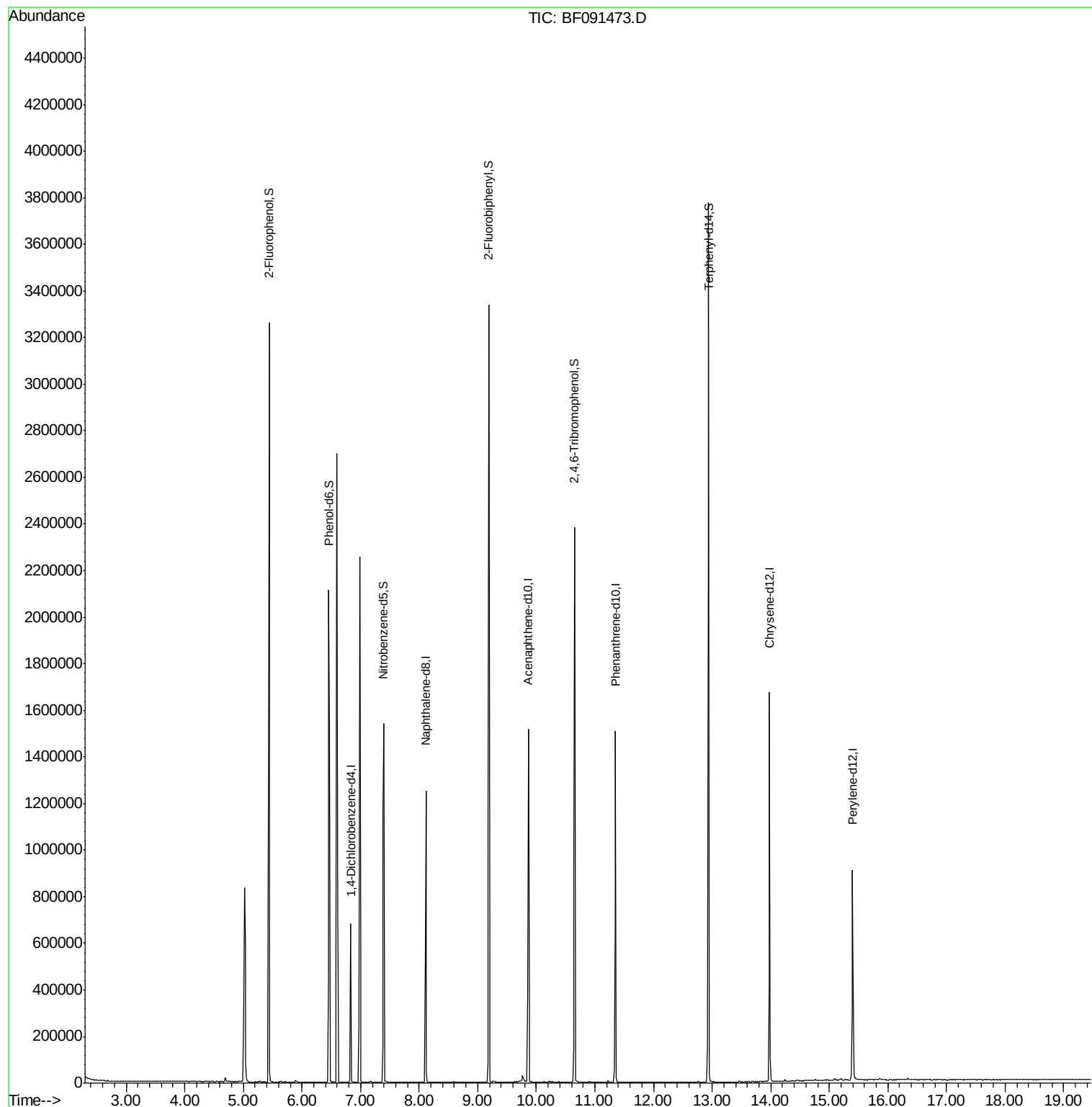
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
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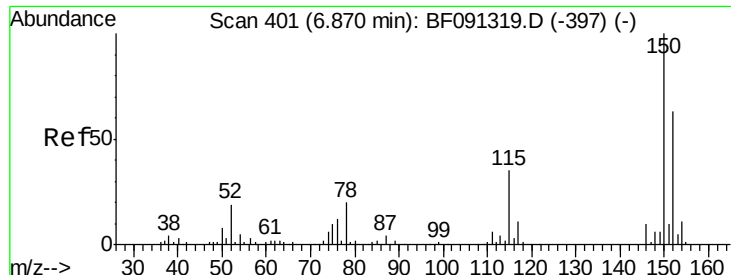
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#1

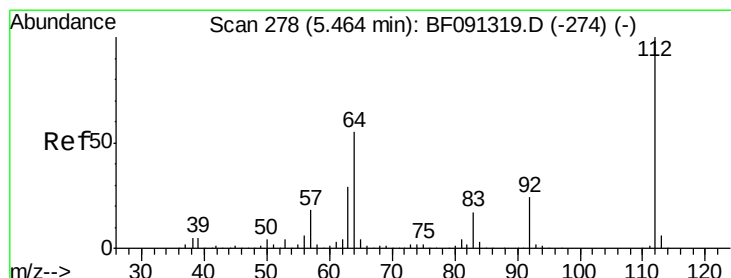
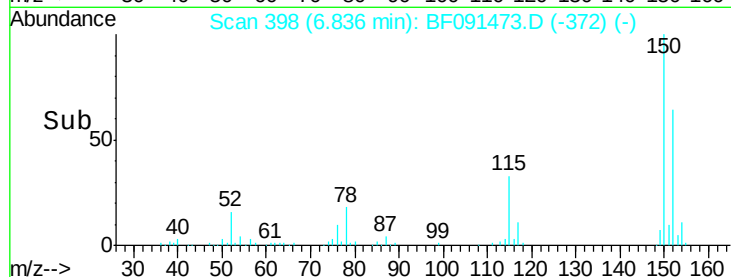
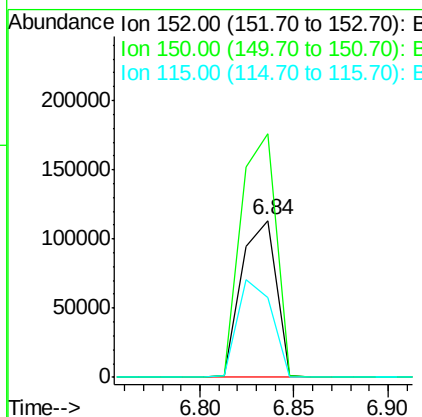
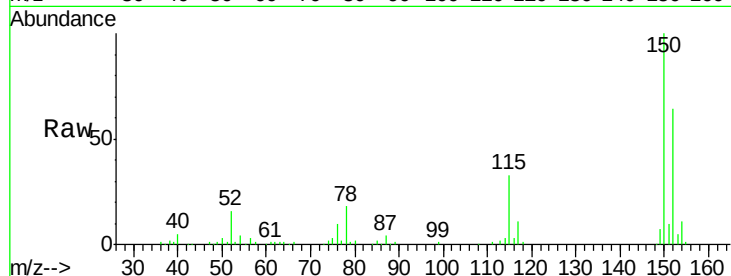
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.84 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF091473.D
Acq: 7 Dec 2016 16:58

Instrument :
BNA_F
ClientSampleId :
PB95096TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.5	183.7
115	50.9	51.8	77.8

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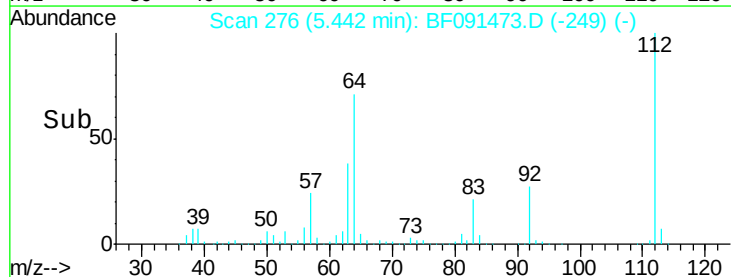
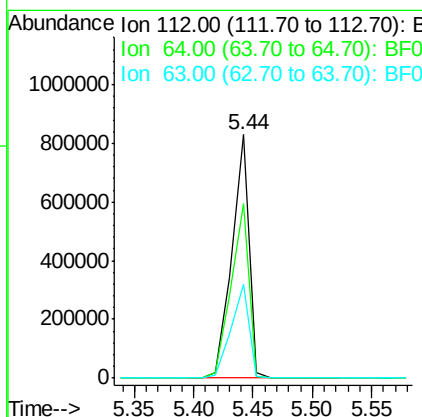
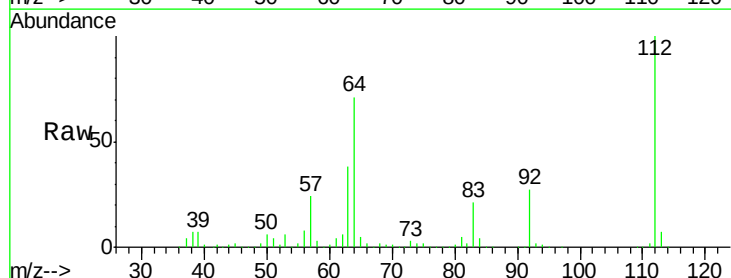
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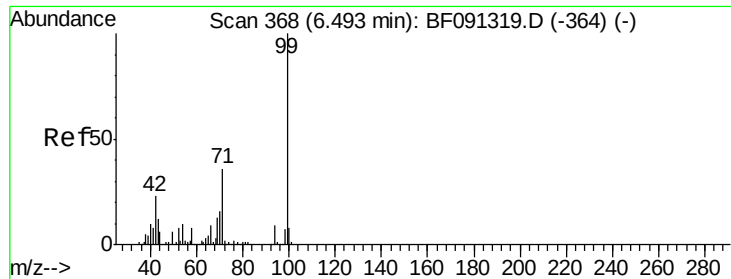


#5

2-Fluorophenol
Concen: 94.10 ng
RT: 5.44 min Scan# 276
Delta R.T. 0.01 min
Lab File: BF091473.D
Acq: 7 Dec 2016 16:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	61.5	92.3
63	38.5	33.3	49.9





#7

Phenol-d6

Concen: 86.93 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF091473.D

Acq: 7 Dec 2016 16:58

Instrument :

BNA_F

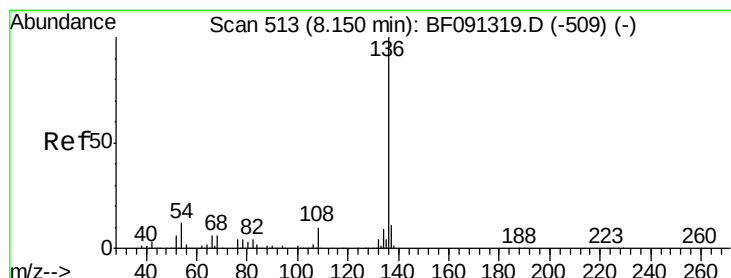
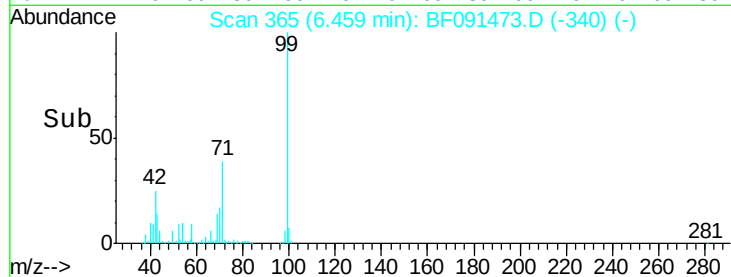
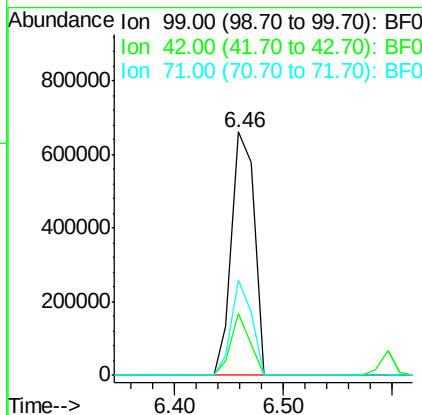
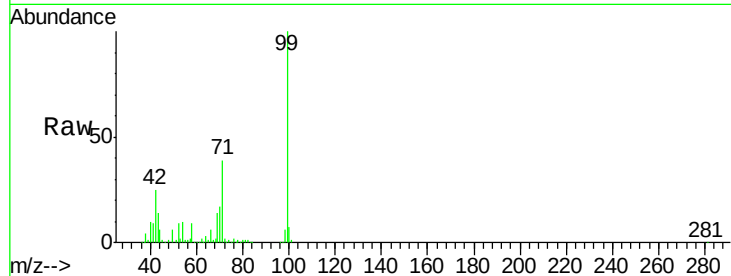
ClientSampleId :

PB95096TB

Tot Ion:	99	Resp:	944327
Ion Ratio	Lower	Upper	
99	100		
42	25.3	20.6	31.0
71	38.9	29.9	44.9

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#21

Naphthalene-d8

Concen: 20.00 ng

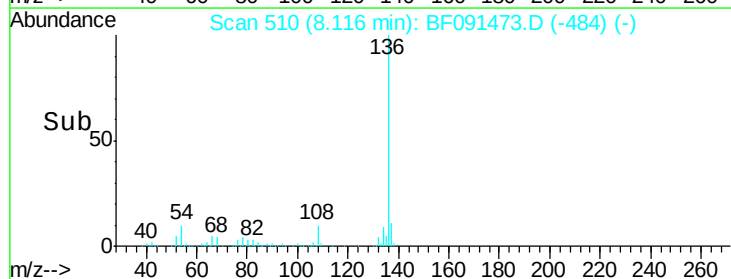
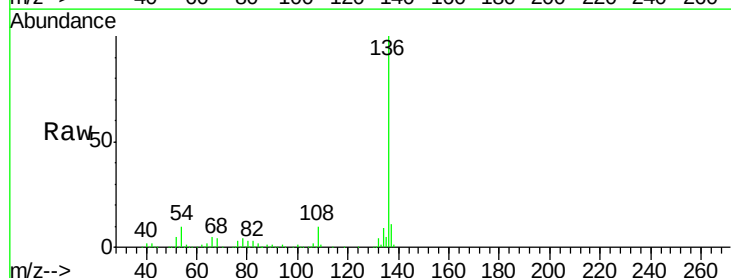
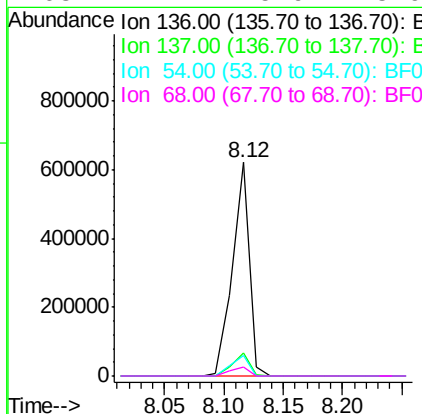
RT: 8.12 min Scan# 510

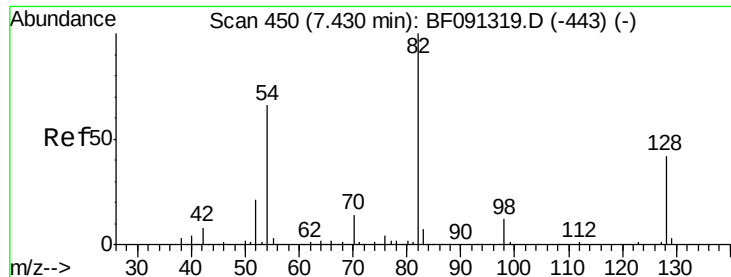
Delta R.T. 0.00 min

Lab File: BF091473.D

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Tgt Ion:	136	Resp:	611359
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	9.7	9.1	13.7
68	4.4	5.9	8.9#





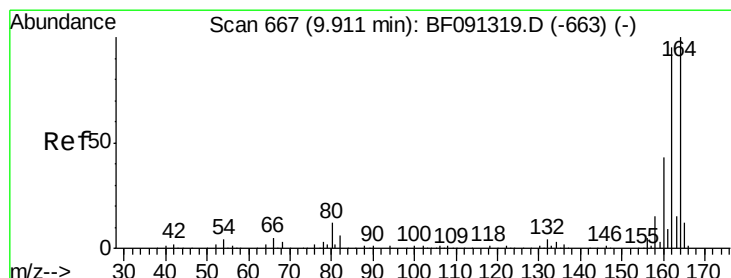
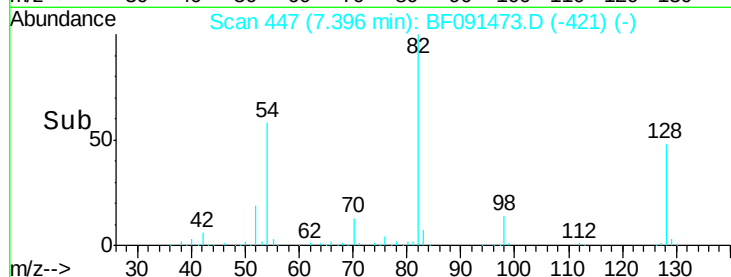
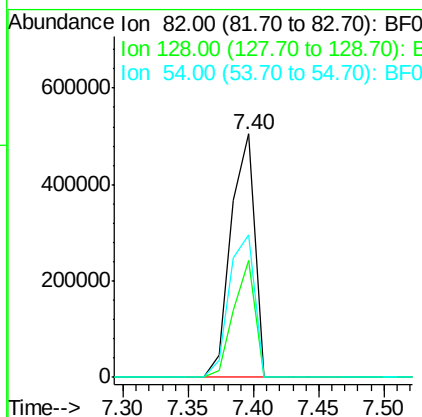
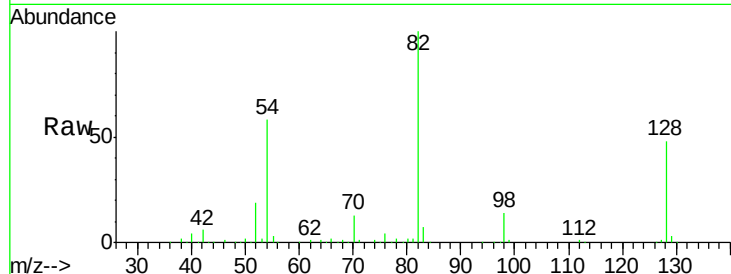
#23
 Nitrobenzene-d5
 Concen: 57.95 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF091473.D
 Acq: 7 Dec 2016 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95096TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	31.8	47.6#
54	58.4	49.1	73.7

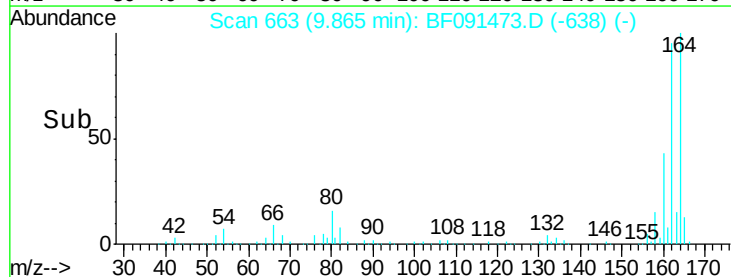
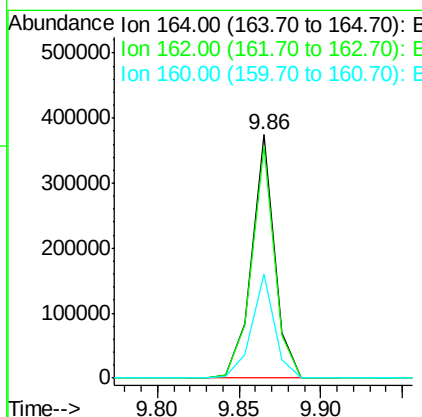
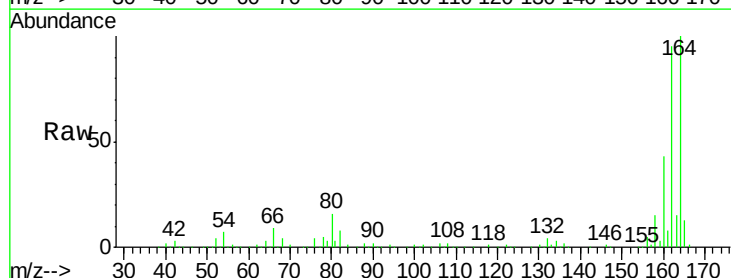
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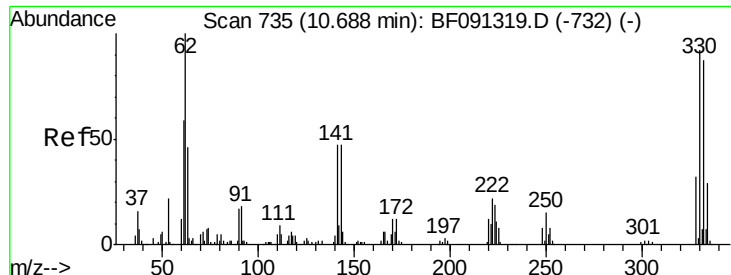
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091473.D
 Acq: 7 Dec 2016 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.2	82.6	124.0
160	42.6	36.7	55.1





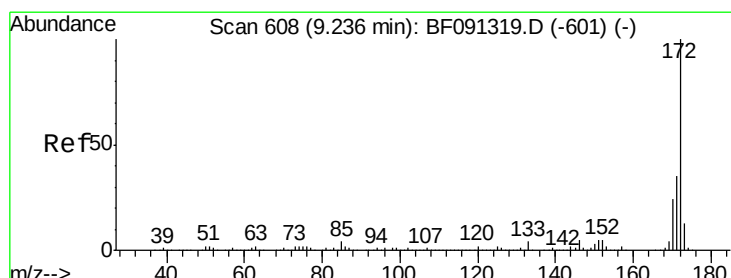
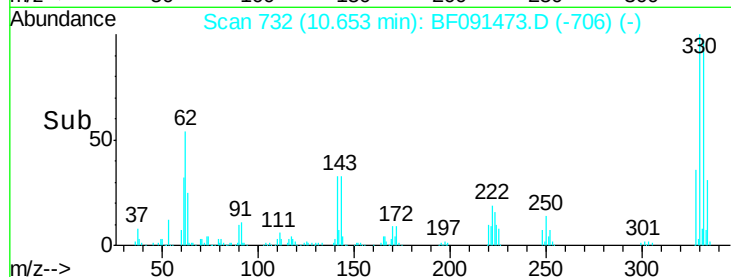
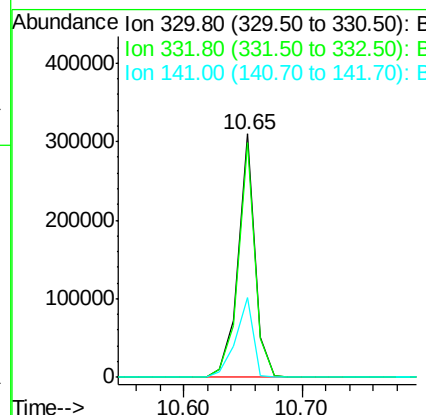
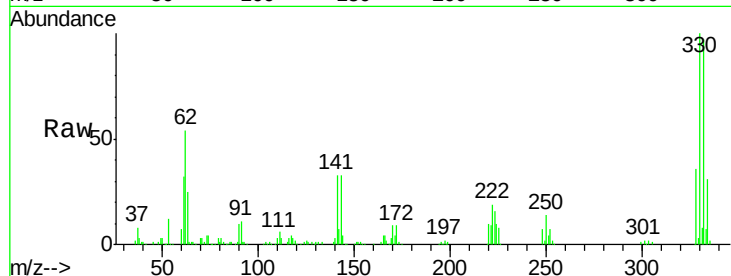
#41
 2,4,6-Tribromophenol
 Concen: 88.70 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF091473.D
 Acq: 7 Dec 2016 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95096TB

Tot Ion	Ratio	Resp	Lower	Upper
330	100	305937		
332	96.2	76.2	114.4	
141	33.6	33.6	50.4#	

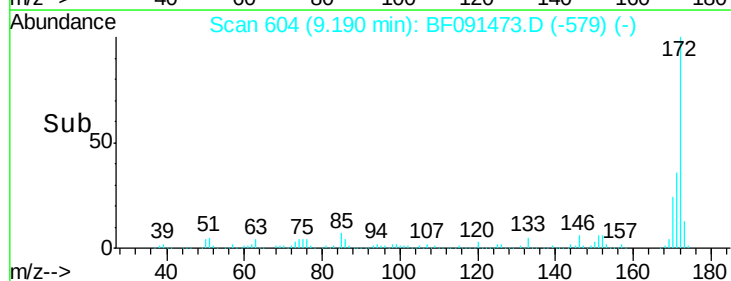
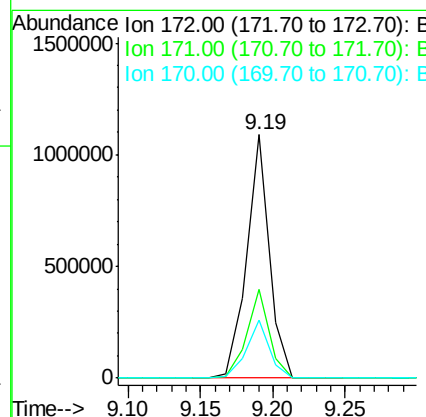
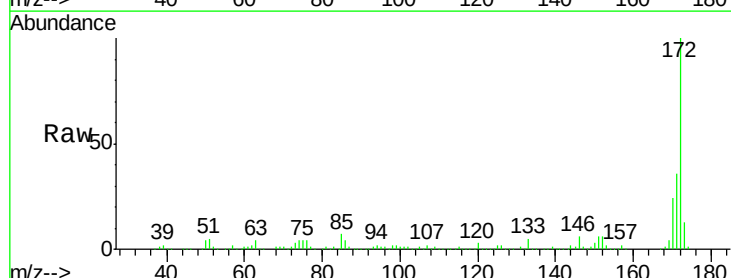
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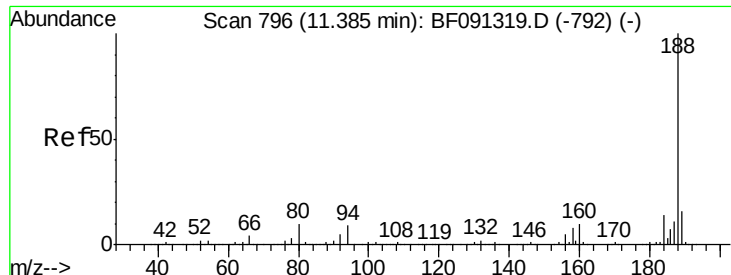
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#44
 2-Fluorobiphenyl
 Concen: 58.62 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091473.D
 Acq: 7 Dec 2016 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1179556		
171	36.3	29.4	44.0	
170	23.8	19.7	29.5	





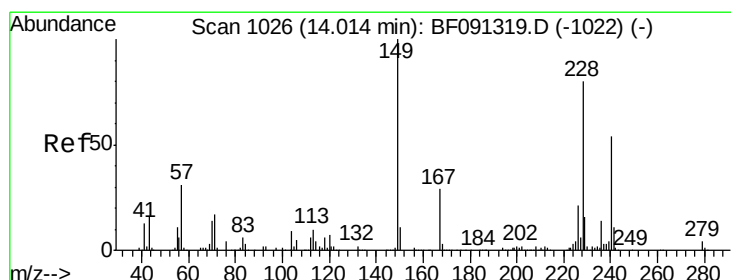
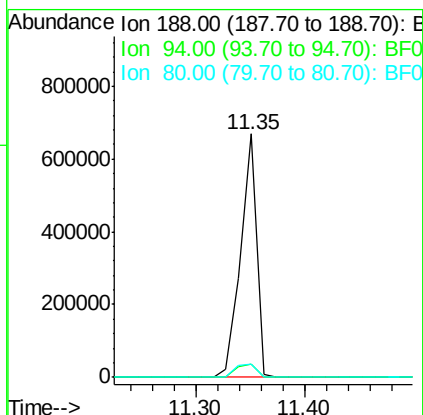
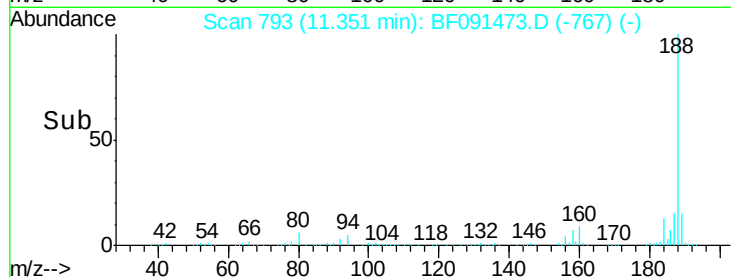
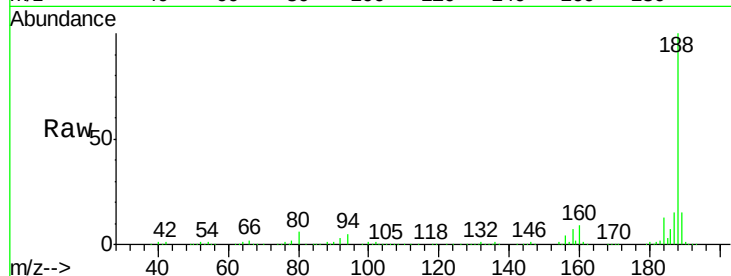
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091473.D
Acq: 7 Dec 2016 16:58

Instrument :
BNA_F
ClientSampleId :
PB95096TB

Tot Ion	Ratio	Resp	Lower	Upper
188	100	670344		
94	5.4	9.2	13.8#	
80	5.7	10.5	15.7#	

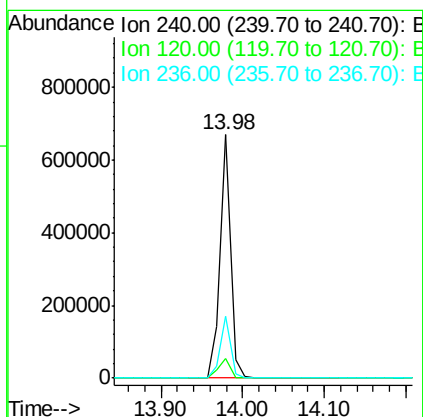
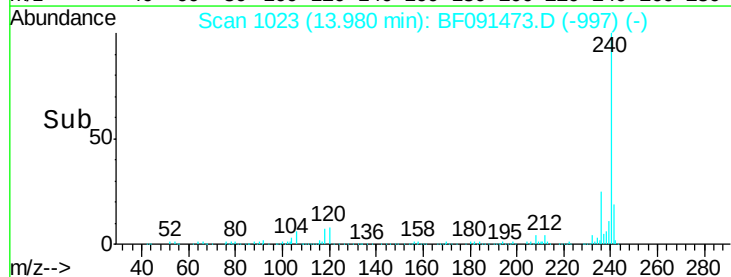
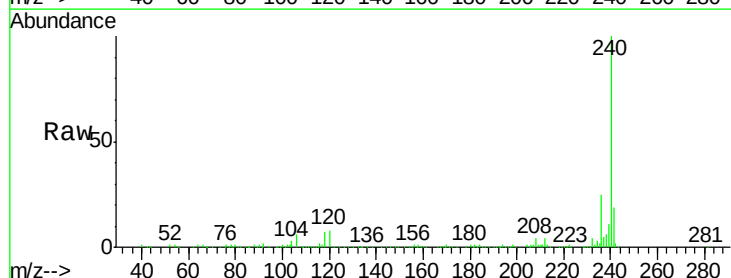
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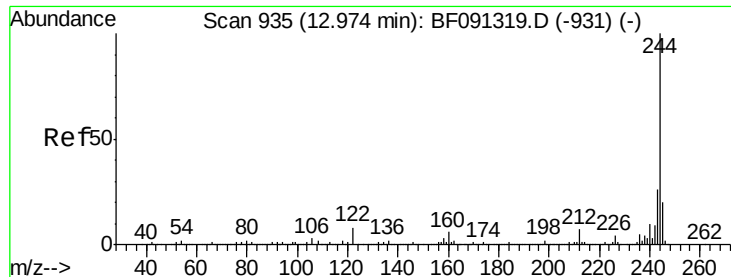
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091473.D
Acq: 7 Dec 2016 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	599005		
120	8.0	12.1	18.1#	
236	25.4	21.0	31.6	





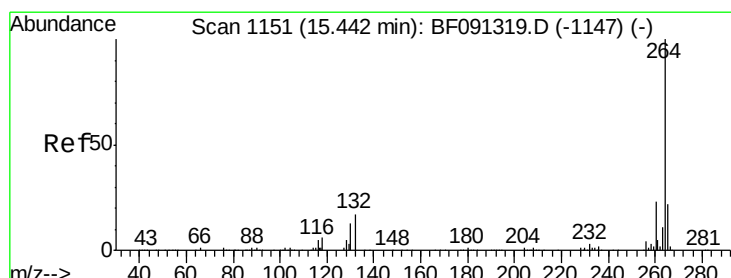
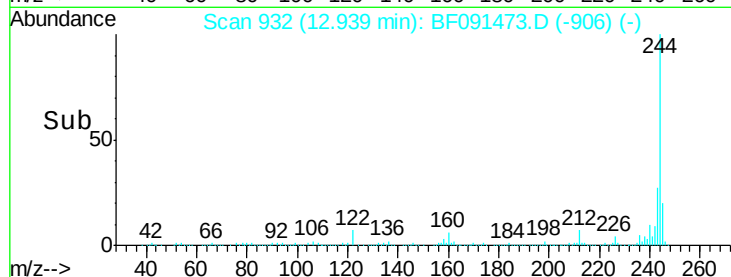
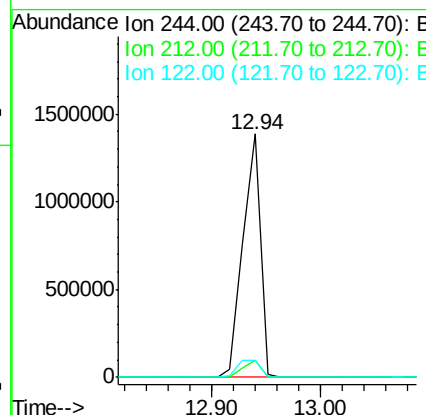
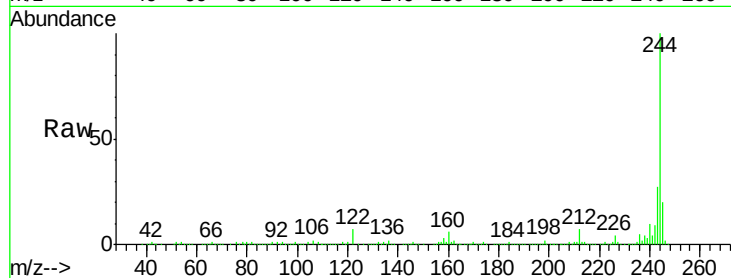
#78
 Terphenyl-d14
 Concen: 55.19 ng
 RT: 12.94 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF091473.D
 Acq: 7 Dec 2016 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95096TB

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	7.1	9.5	14.3

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF091473.D
 Acq: 7 Dec 2016 16:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.9	17.0	25.6

