

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098584.D
 Acq On : 15 Sep 2017 22:26
 Operator : SJ/JU
 Sample : I5229-11 50X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S21

Manual Integrations
 APPROVED

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 9/18/2017 3:33:52 PM

Quant Time: Sep 16 03:51:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	123770	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	476065	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	211274	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	446687	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	276841	20.00	ng	-0.02
86) Perylene-d12	15.20	264	258856	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	18397m	2.20	ng	-0.01
7) Phenol-d6	6.31	99	26114	2.46	ng	-0.01
23) Nitrobenzene-d5	7.22	82	14159	1.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	4646	3.29	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	27827	2.23	ng	-0.03
78) Terphenyl-d14	12.74	244	23086	1.80	ng	-0.02

Target Compounds Qvalue

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

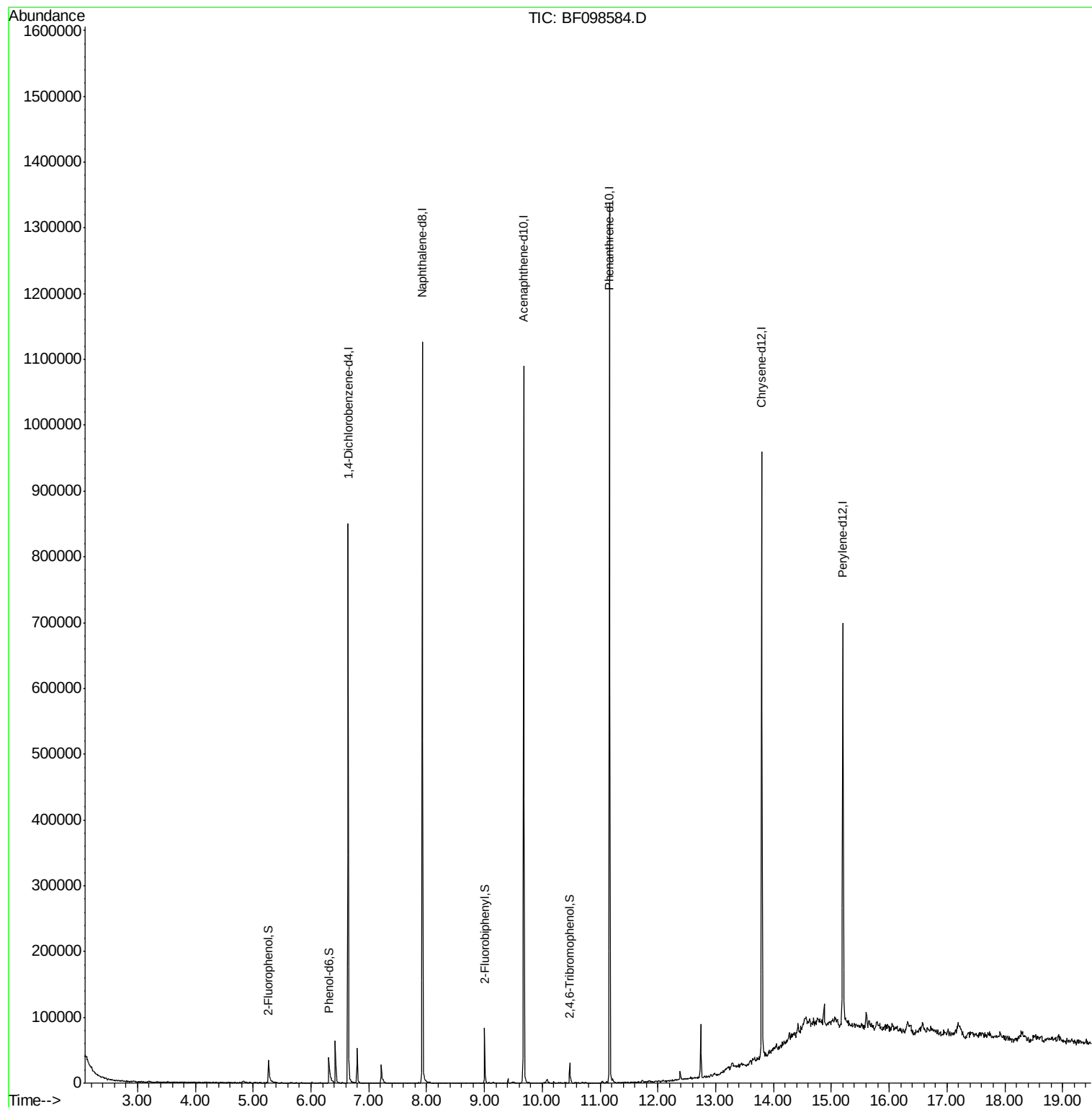
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
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ALS Vial : 13 Sample Multiplier: 1

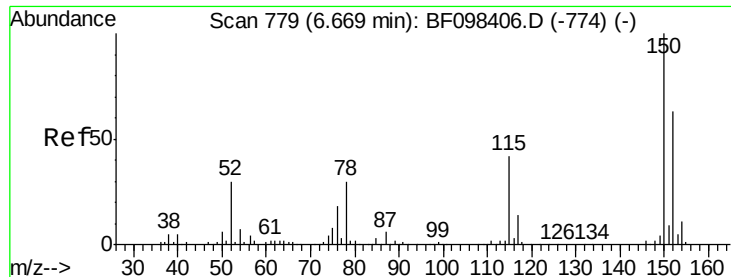
Instrument :
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#1

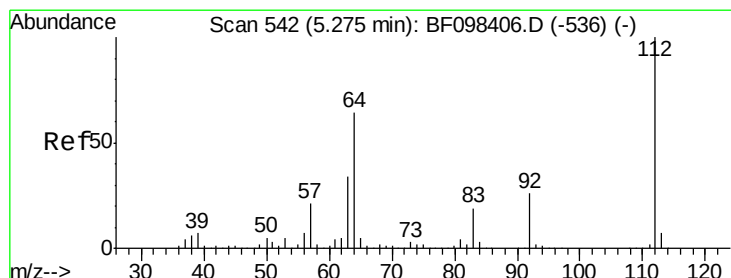
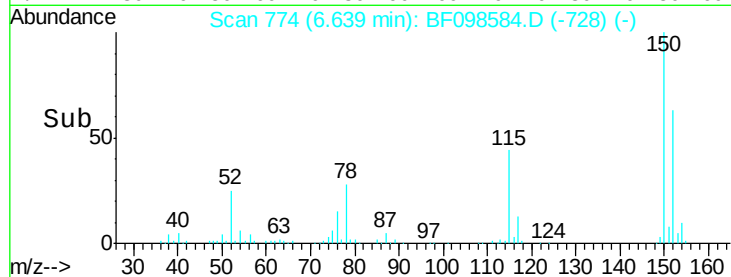
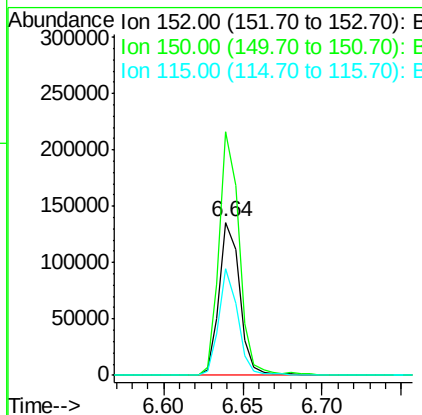
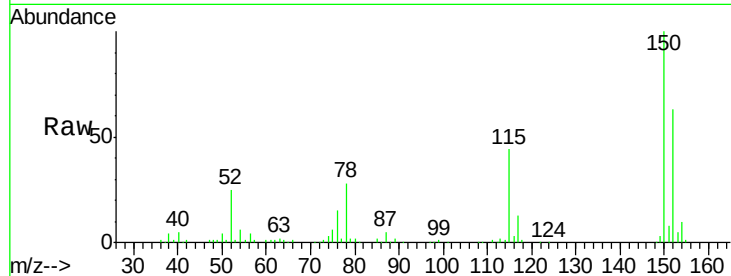
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF098584.D
Acq: 15 Sep 2017 22:26

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	69.7	52.2	78.2

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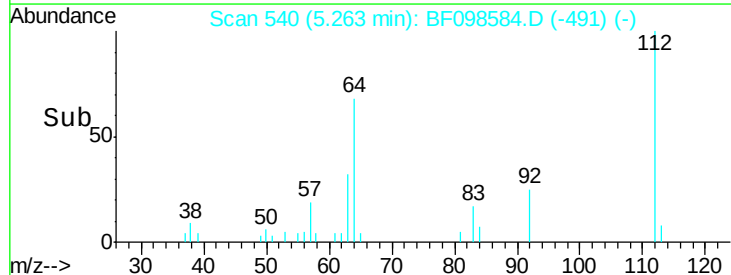
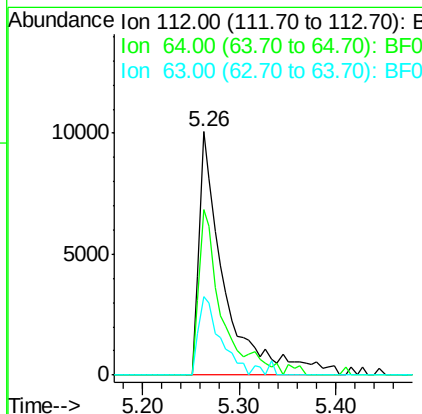
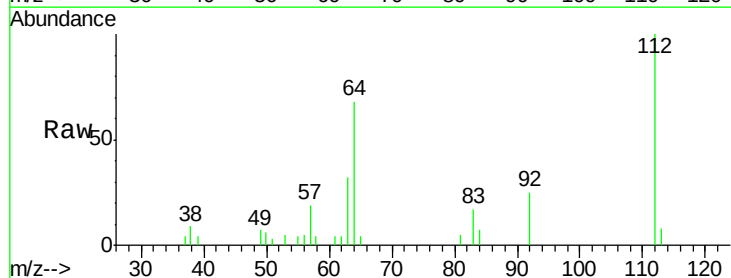
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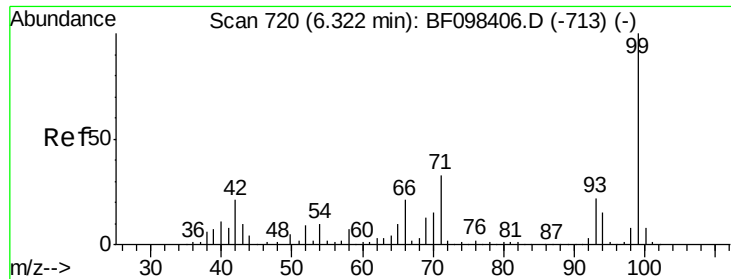


#5

2-Fluorophenol
Concen: 2.198 ng m
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098584.D
Acq: 15 Sep 2017 22:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	46.0	69.0
63	32.1	23.4	35.0





#7

Phenol-d6

Concen: 2.457 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098584.D

Acq: 15 Sep 2017 22:26

Instrument :

BNA_F

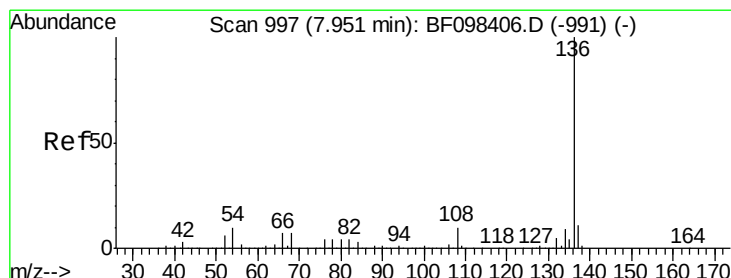
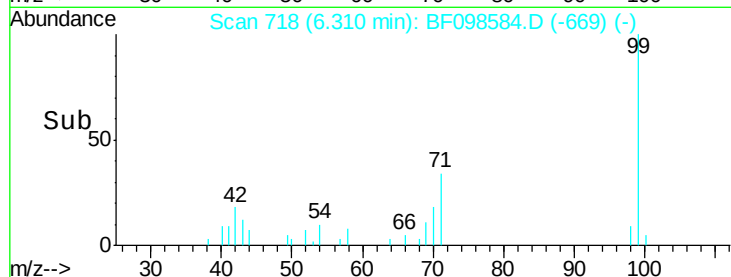
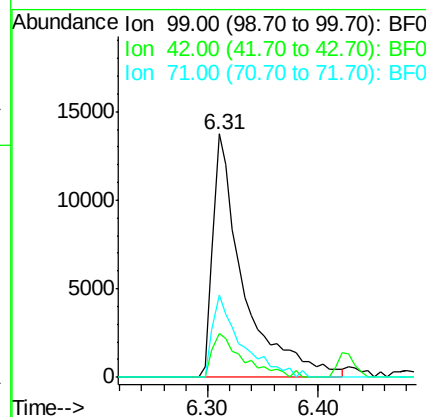
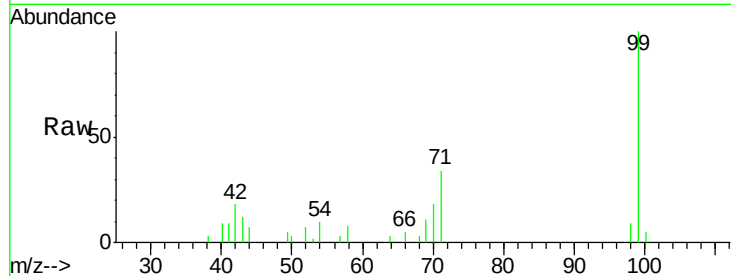
ClientSampleId :

UT5400S21

Tgt Ion:	99	Resp:	26114
Ion Ratio	Lower	Upper	
99	100		
42	18.2	13.5	20.3
71	33.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

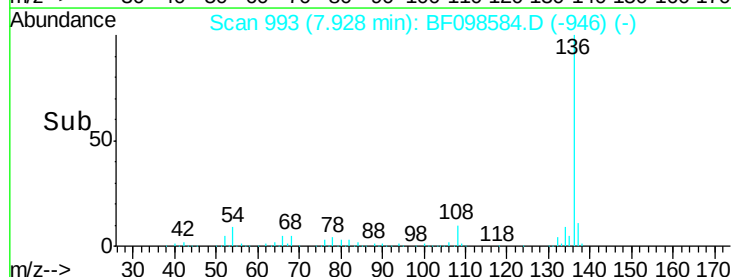
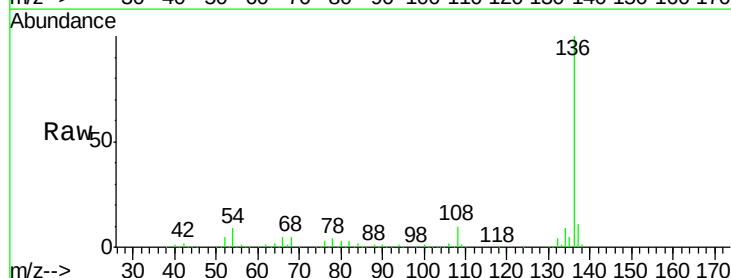
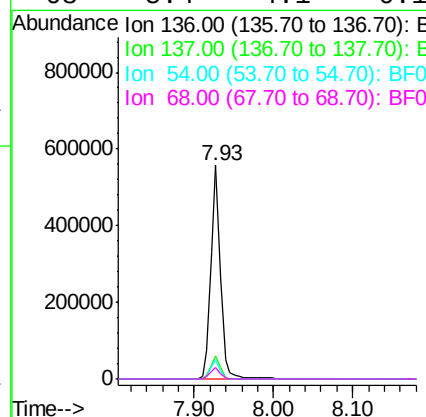
RT: 7.93 min Scan# 993

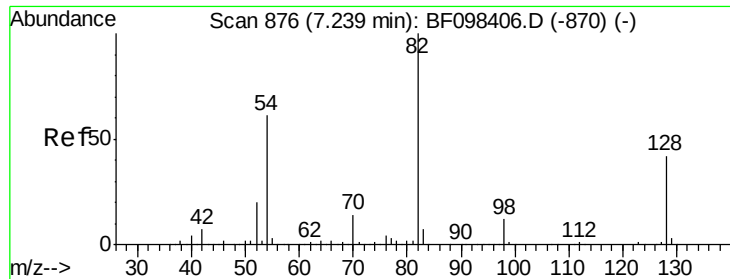
Delta R.T. -0.02 min

Lab File: BF098584.D

Acq: 15 Sep 2017 22:26

Tgt Ion:	136	Resp:	476065
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	9.0	4.9	7.3#
68	5.4	4.1	6.1





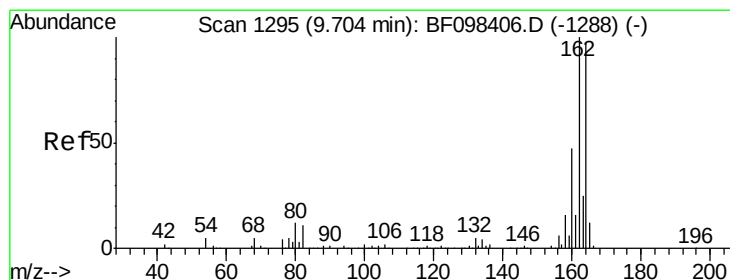
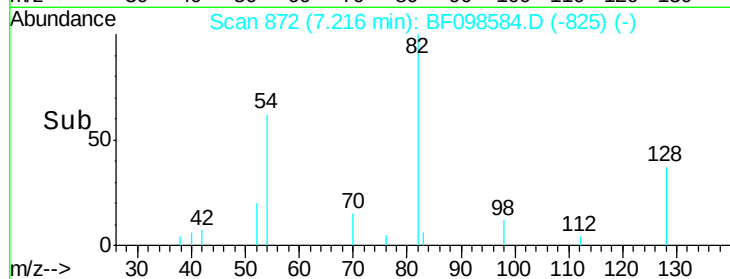
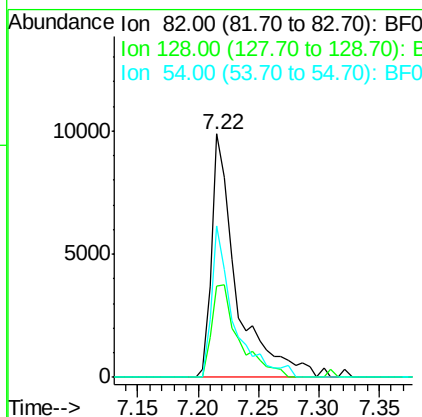
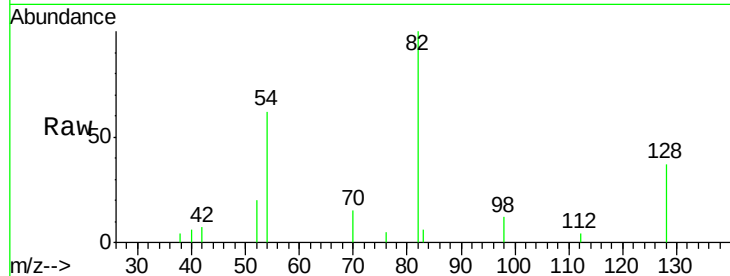
#23
Nitrobenzene-d5
Concen: 1.658 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098584.D
Acq: 15 Sep 2017 22:26

Instrument :
BNA_F
ClientSampled :
UT5400S21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	14159		
128	37.4	34.0	51.0	
54	62.1	42.2	63.2	

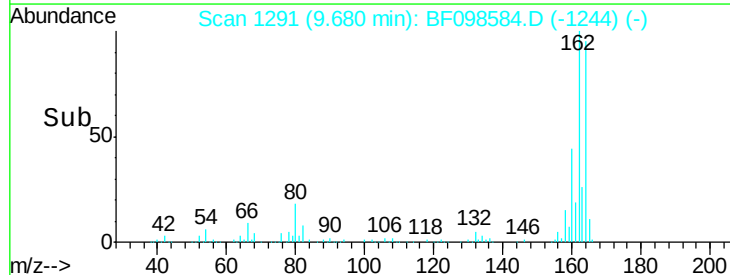
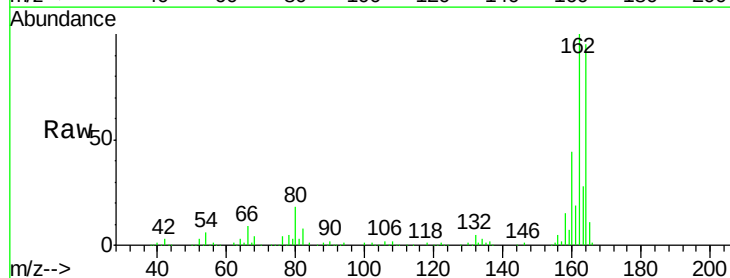
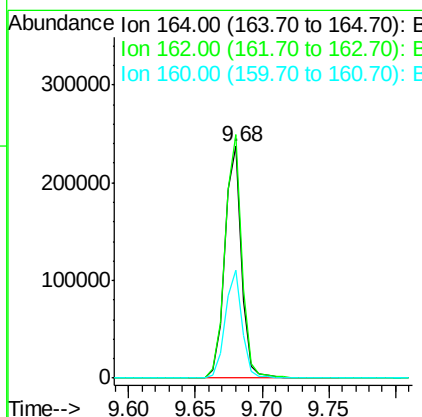
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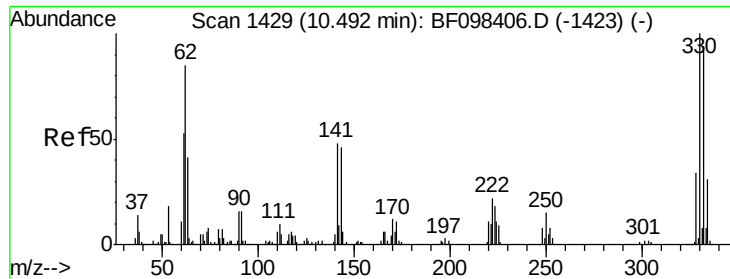
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098584.D
Acq: 15 Sep 2017 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	211274		
162	105.0	82.6	123.8	
160	46.6	36.2	54.2	





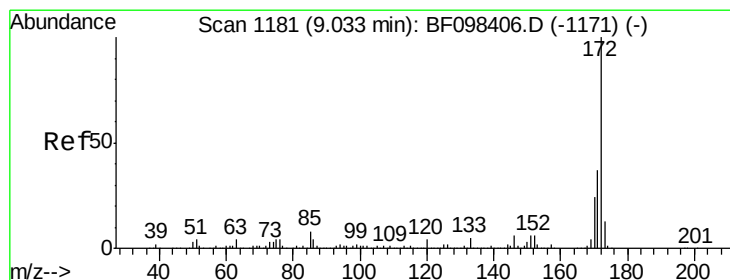
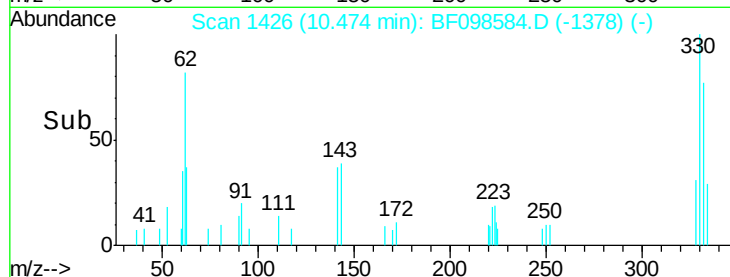
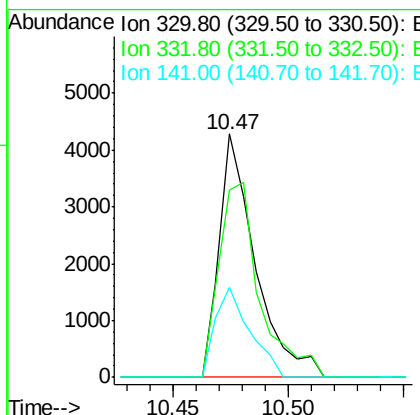
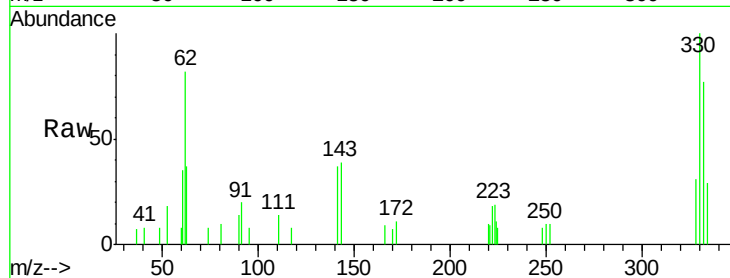
#41
 2,4,6-Tribromophenol
 Concen: 3.295 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098584.D
 Acq: 15 Sep 2017 22:26

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	90.2	76.6	115.0
141	35.4	31.4	47.2

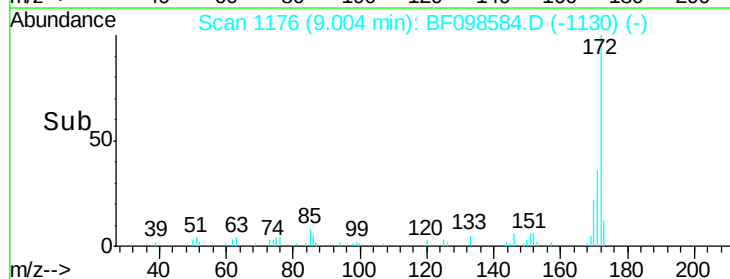
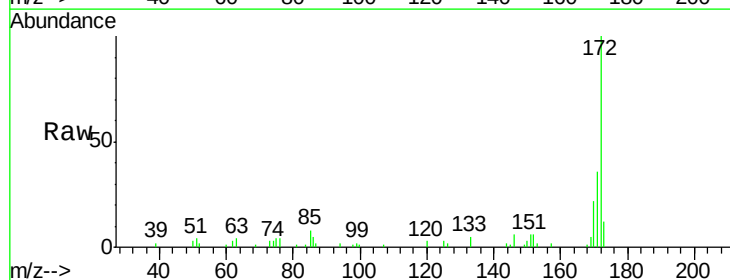
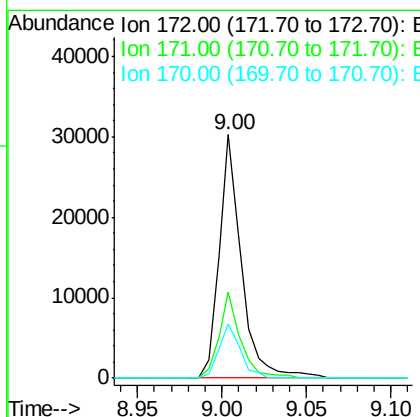
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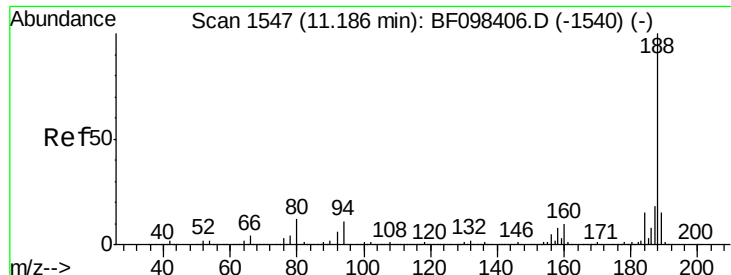
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#44
 2-Fluorobiphenyl
 Concen: 2.232 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098584.D
 Acq: 15 Sep 2017 22:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	22.2	19.8	29.8





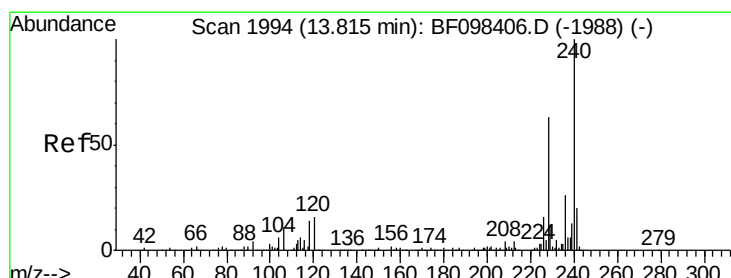
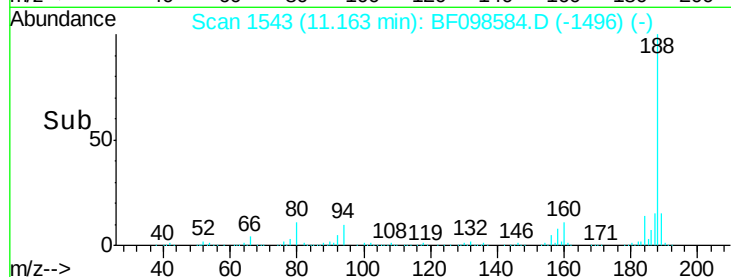
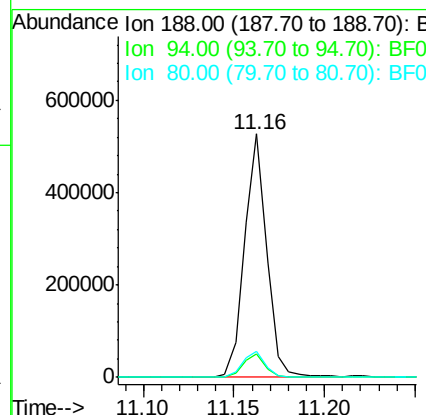
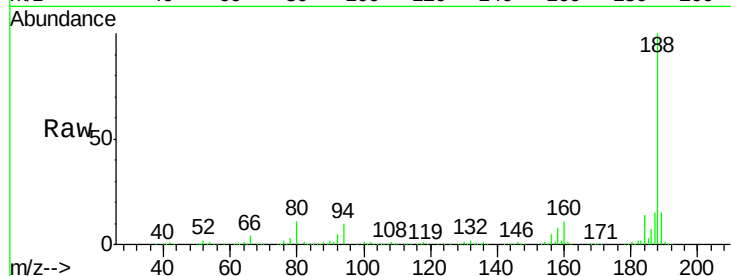
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098584.D
Acq: 15 Sep 2017 22:26

Instrument :
BNA_F
ClientSampleId :
UT5400S21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	446687		
94	9.5	9.4	14.2	
80	10.6	10.2	15.2	

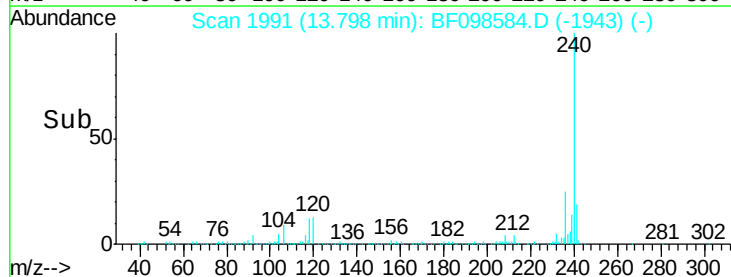
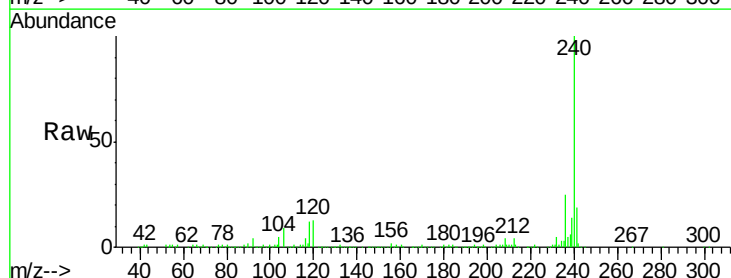
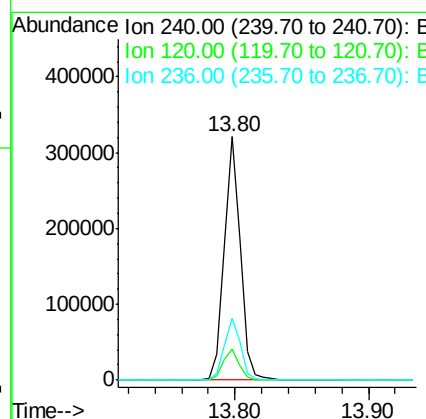
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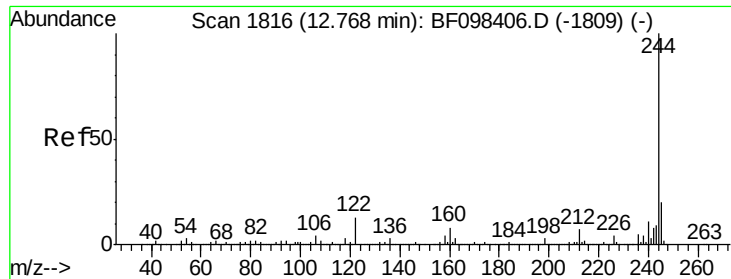
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098584.D
Acq: 15 Sep 2017 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	276841		
120	12.6	5.8	8.8#	
236	25.3	20.5	30.7	





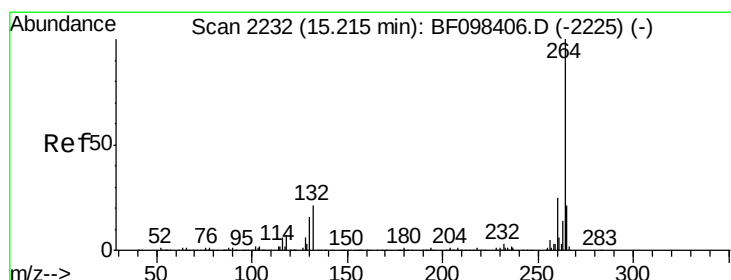
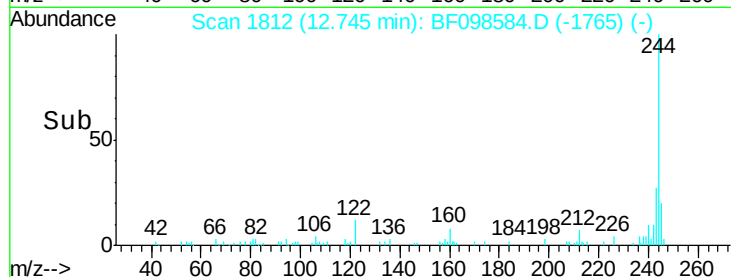
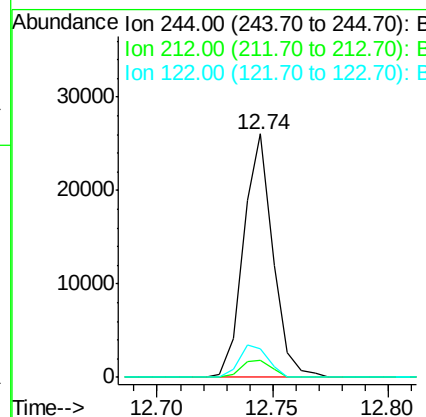
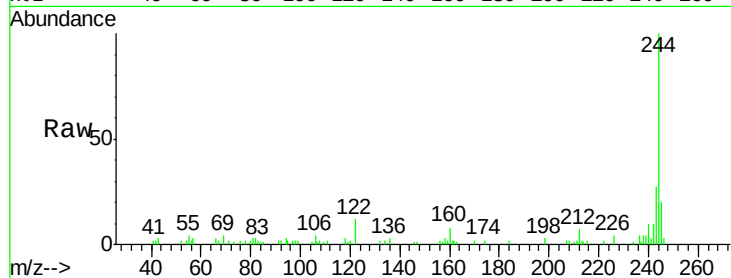
#78
 Terphenyl-d14
 Concen: 1.800 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BF098584.D
 Acq: 15 Sep 2017 22:26

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	23086		
212	7.2	6.0	9.0	
122	11.6	10.3	15.5	

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF098584.D
 Acq: 15 Sep 2017 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	258856		
260	25.1	19.5	29.3	
265	22.5	17.2	25.8	

