

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089638.D
 Acq On : 5 Aug 2016 19:25
 Operator : UM/SJ
 Sample : H4292-11
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS12-0-2IN

Manual Integrations
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Quant Time: Aug 06 00:07:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	50738	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	204039	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	86022	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	133219	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	108666	20.00	ng	0.00
86) Perylene-d12	20.05	264	96047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	324594	107.23	ng	0.04
7) Phenol-d6	6.99	99	428188	104.27	ng	0.01
23) Nitrobenzene-d5	8.35	82	263293	71.38	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	62807	88.47	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	457502	69.12	ng	0.00
78) Terphenyl-d14	17.05	244	254764	46.28	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	12.07	152	20529	2.14	ng	99
49) Dimethylphthalate	11.94	163	86265	12.79	ng	100
70) Phenanthrene	14.72	178	49555	6.84	ng	99
71) Anthracene	14.81	178	21456	2.76	ng	97
74) Fluoranthene	16.49	202	121285	16.29	ng	98
77) Pyrene	16.79	202	109048m	11.35	ng	
80) Benzo(a)anthracene	18.38	228	76566m	12.26	ng	
82) Chrysene	18.42	228	63040	9.62	ng	97
85) Indeno(1,2,3-cd)pyrene	21.23	276	34459	6.93	ng	94
87) Benzo(b)fluoranthene	19.65	252	104033m	17.61	ng	
88) Benzo(k)fluoranthene	19.67	252	27294m	4.58	ng	
89) Benzo(a)pyrene	20.00	252	64497	11.66	ng	97
91) Benzo(g,h,i)perylene	21.58	276	31102	5.88	ng	94

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

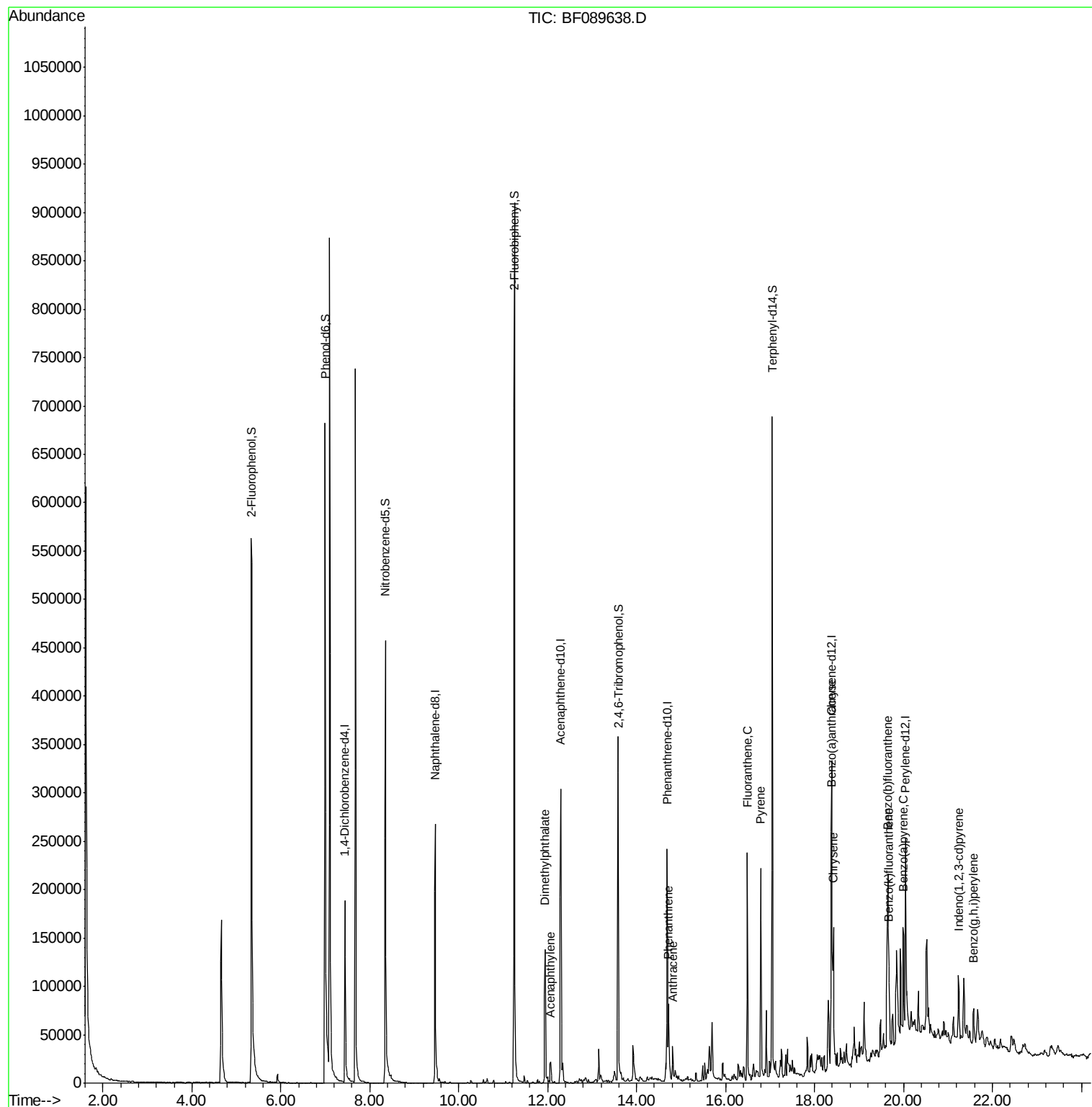
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089638.D
Acq On : 5 Aug 2016 19:25
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Sample : H4292-11
Misc :
ALS Vial : 43 Sample Multiplier: 1

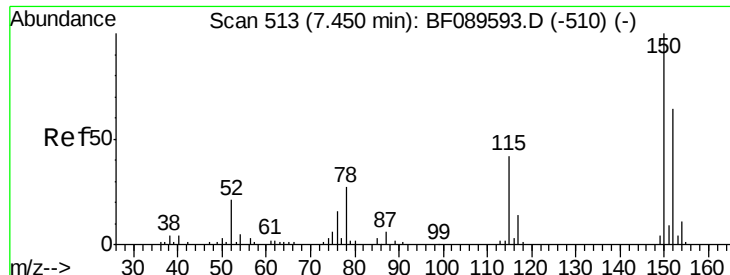
Instrument :
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SS12-0-2IN

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF089638.D

Acq: 5 Aug 2016 19:25

Instrument :

BNA_F

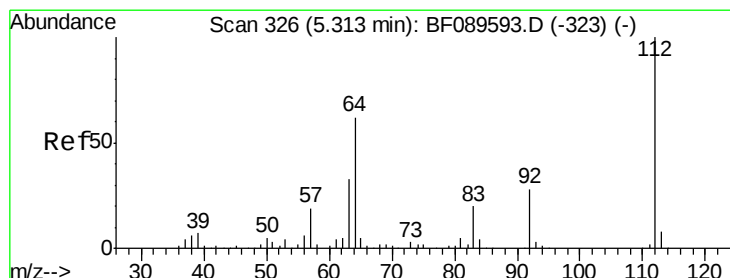
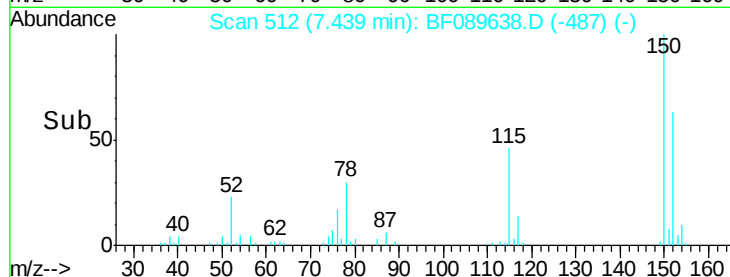
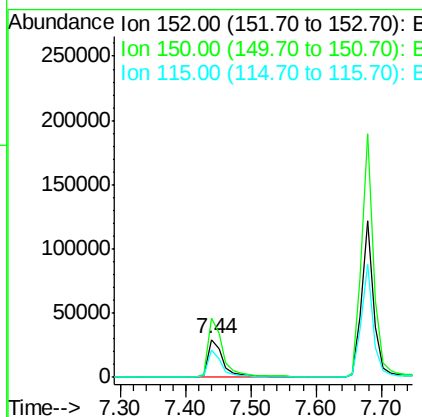
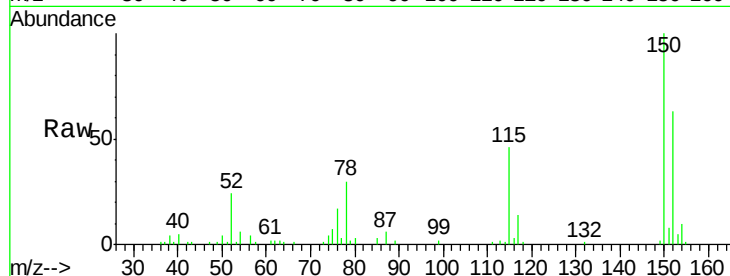
ClientSampleId :

SS12-0-2IN

Tgt Ion:	152	Resp:	50738
Ion Ratio	Lower	Upper	
152	100		
150	157.8	125.5	188.3
115	72.3	52.0	78.0

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#5

2-Fluorophenol

Concen: 107.23 ng

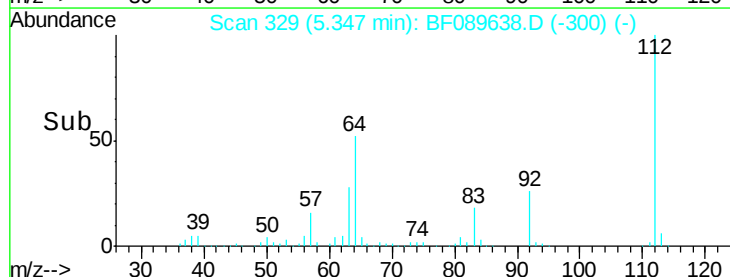
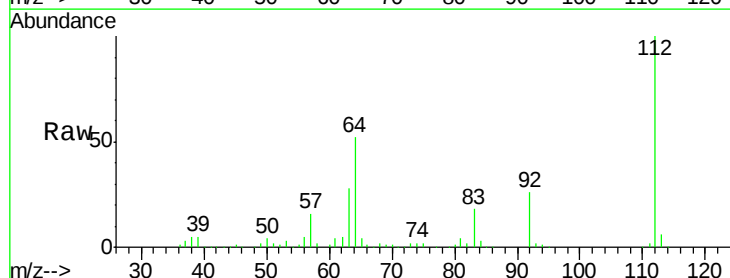
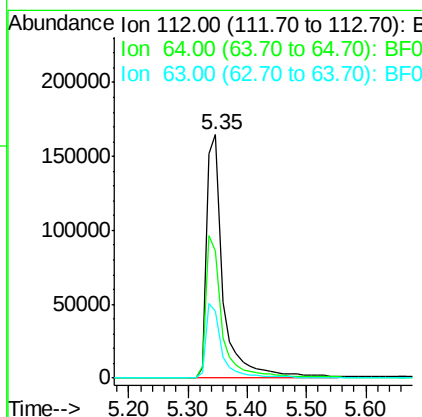
RT: 5.35 min Scan# 329

Delta R.T. 0.04 min

Lab File: BF089638.D

Acq: 5 Aug 2016 19:25

Tgt Ion:	112	Resp:	324594
Ion Ratio	Lower	Upper	
112	100		
64	52.2	49.9	74.9
63	27.7	26.1	39.1





#7

Phenol-d6

Concen: 104.27 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089638.D

Acq: 5 Aug 2016 19:25

Instrument :

BNA_F

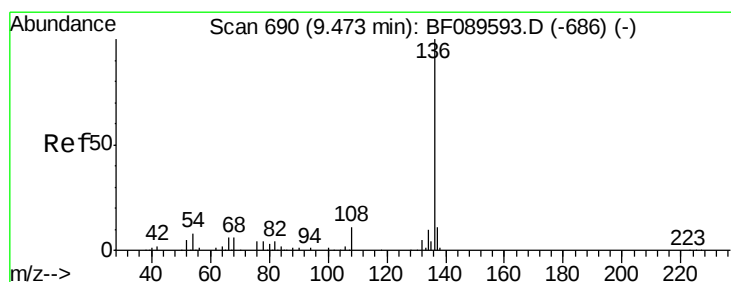
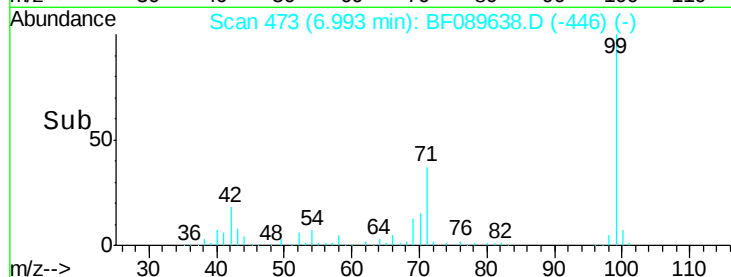
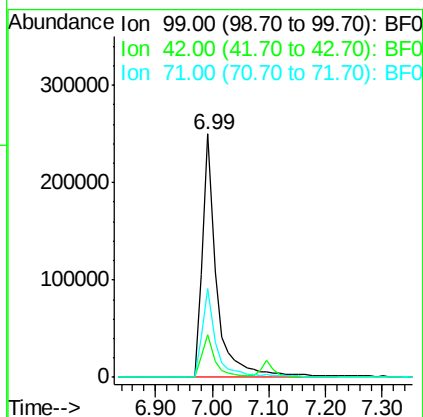
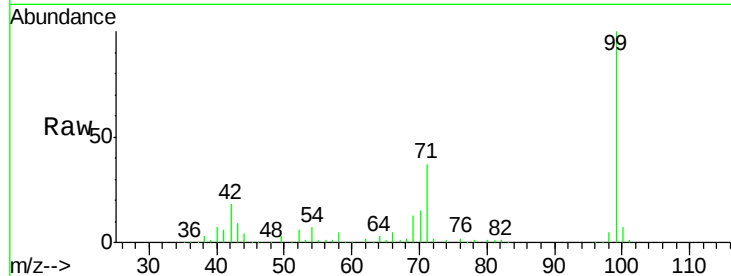
ClientSampleId :

SS12-0-2IN

Tgt Ion:	99	Resp:	428188
Ion Ratio	Lower	Upper	
99	100		
42	17.6	13.7	20.5
71	36.6	29.0	43.4

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#21

Naphthalene-d8

Concen: 20.00 ng

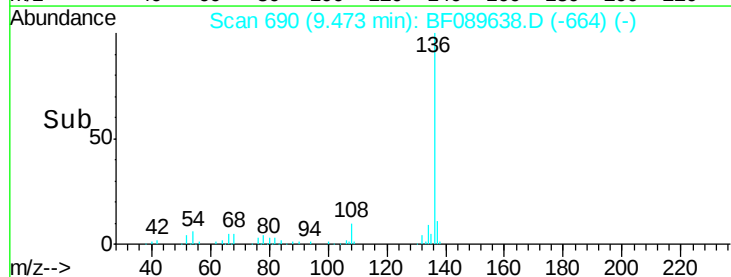
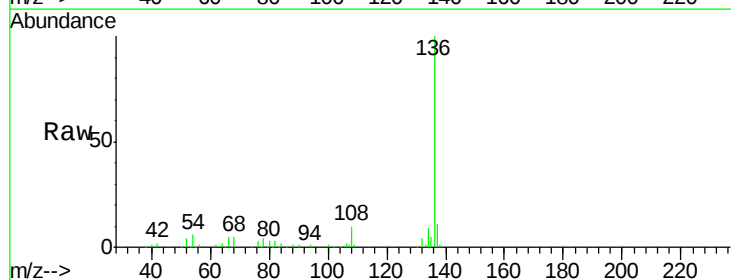
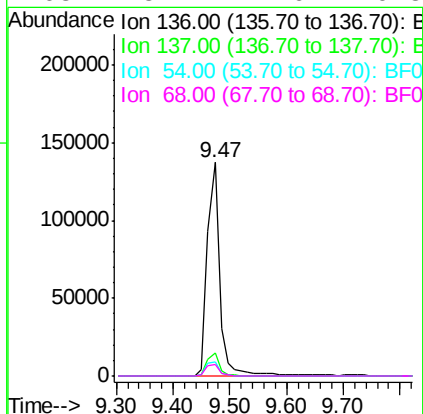
RT: 9.47 min Scan# 690

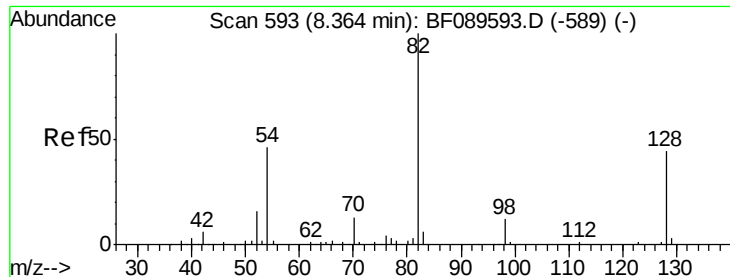
Delta R.T. 0.00 min

Lab File: BF089638.D

Acq: 5 Aug 2016 19:25

Tgt Ion:	136	Resp:	204039
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	6.3	6.0	9.0
68	5.2	4.6	6.8





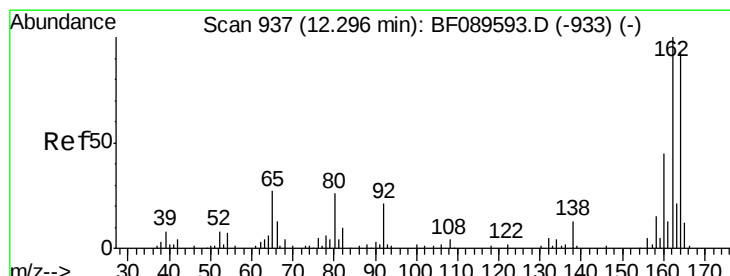
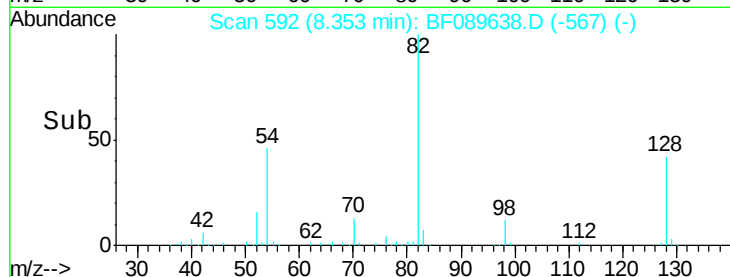
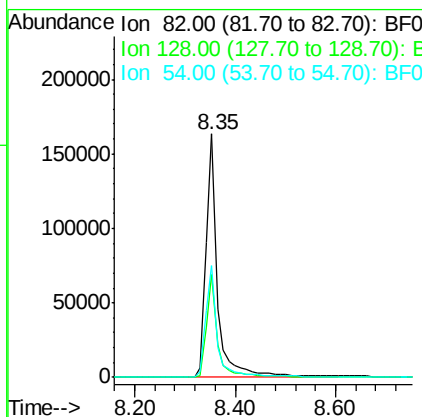
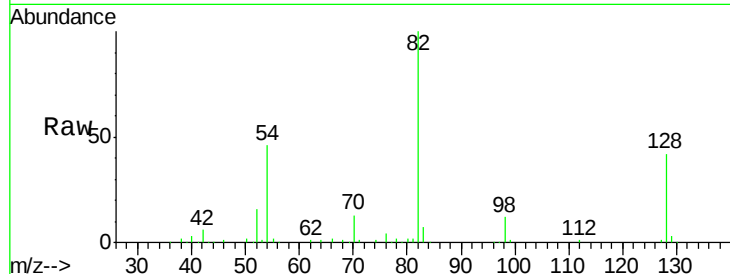
#23
Nitrobenzene-d5
Concen: 71.38 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Instrument :
BNA_F
ClientSampleId :
SS12-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	263293		
128	42.3	35.4	53.0	
54	46.2	36.4	54.6	

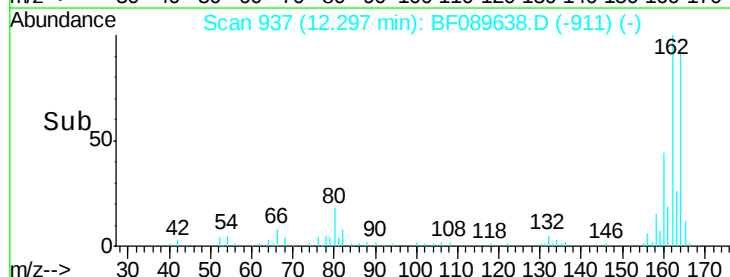
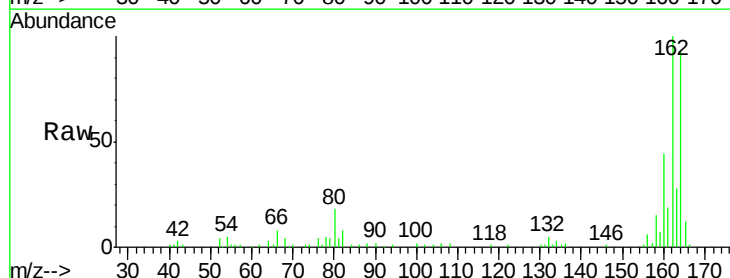
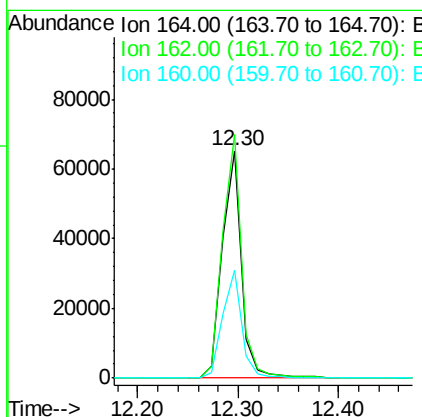
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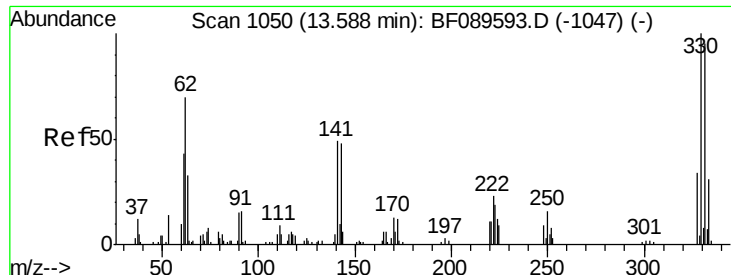
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86022		
162	107.0	85.7	128.5	
160	47.3	38.2	57.4	





#41

2,4,6-Tribromophenol

Concen: 88.47 ng

RT: 13.59 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF089638.D

Acq: 5 Aug 2016 19:25

Instrument :

BNA_F

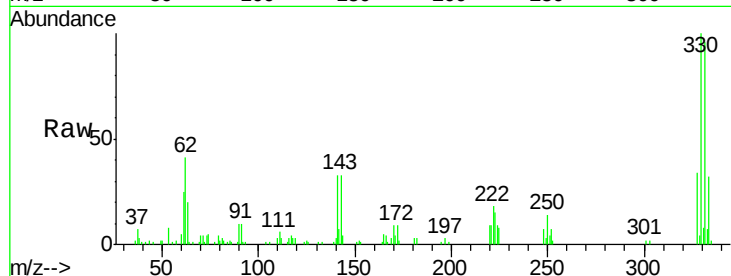
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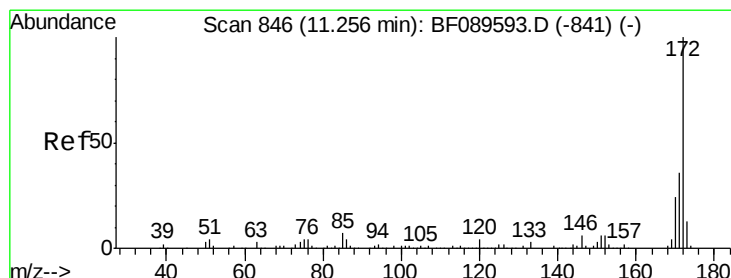
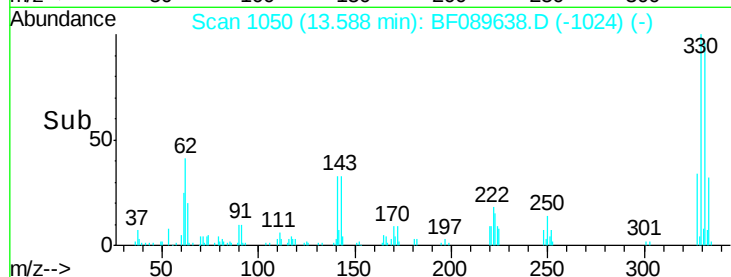
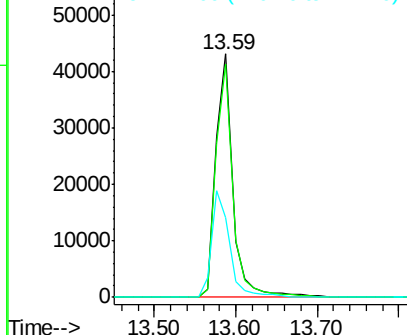
Tgt Ion:	330	Resp:	62807
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	46.4	38.6	57.8

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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: 69.12 ng

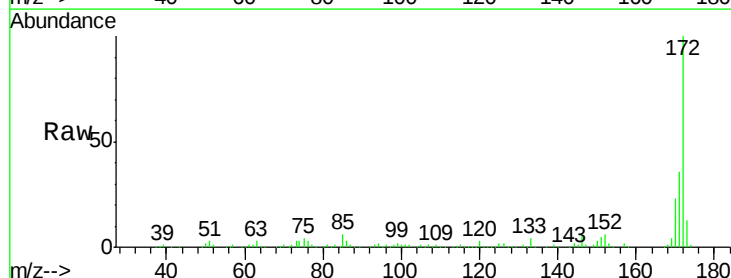
RT: 11.26 min Scan# 846

Delta R.T. 0.00 min

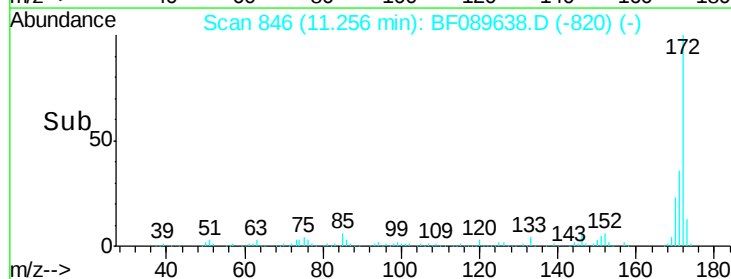
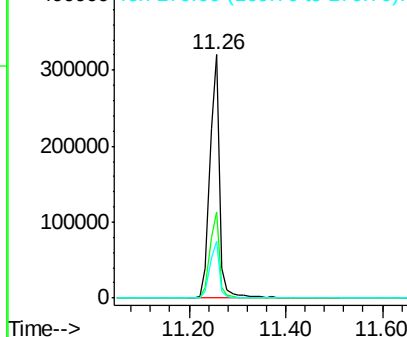
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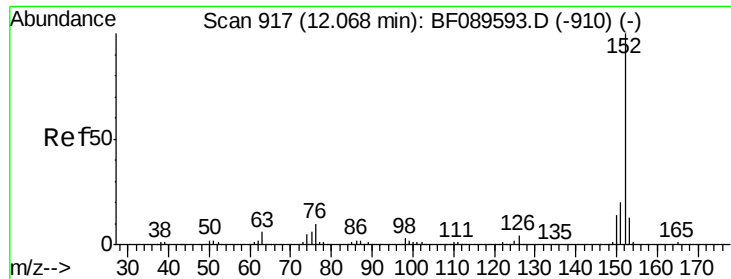
Acq: 5 Aug 2016 19:25

Tgt Ion:	172	Resp:	457502
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.9	43.3
170	23.5	19.0	28.6



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





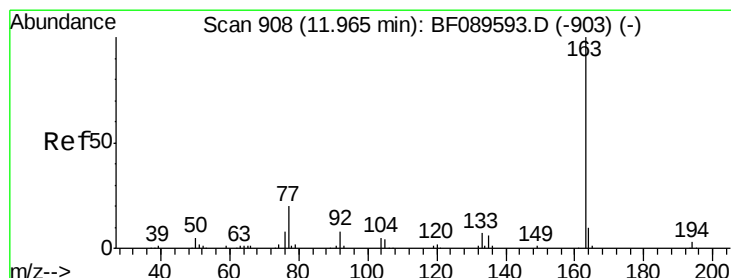
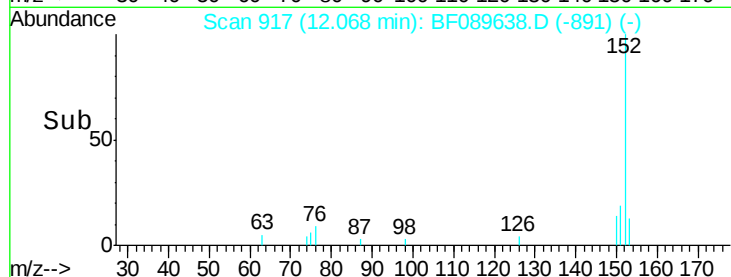
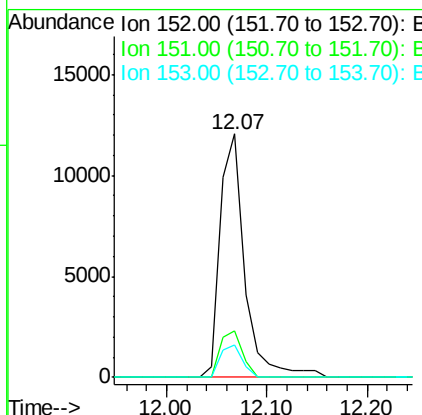
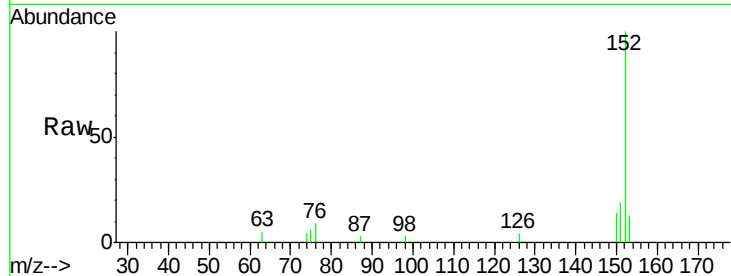
#48
Acenaphthylene
Concen: 2.14 ng
RT: 12.07 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	152	Resp:	20529
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.2	24.4
153	13.2	10.5	15.7

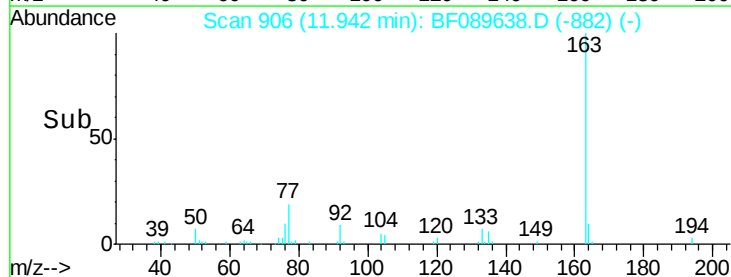
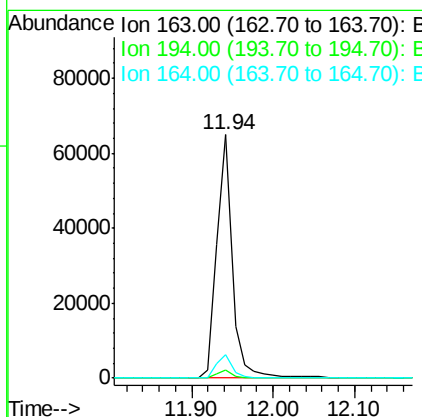
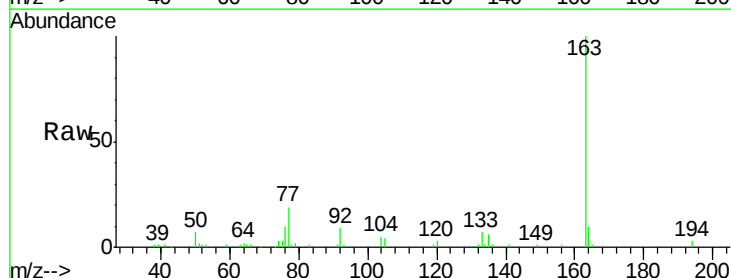
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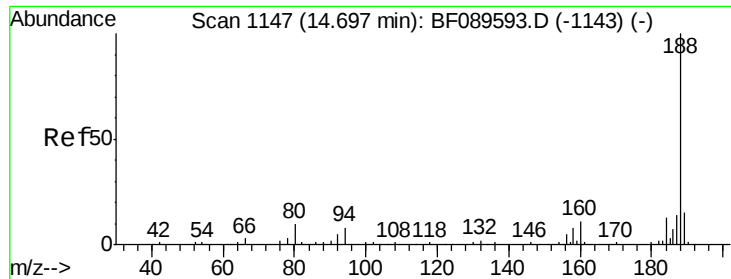
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#49
Dimethylphthalate
Concen: 12.79 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Tgt Ion:	163	Resp:	86265
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	9.8	7.8	11.6





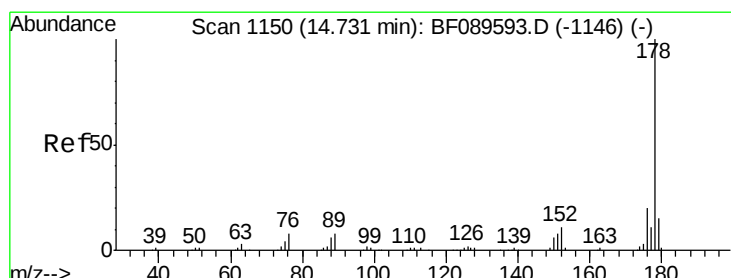
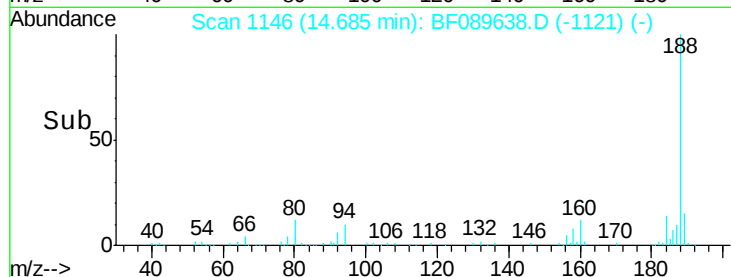
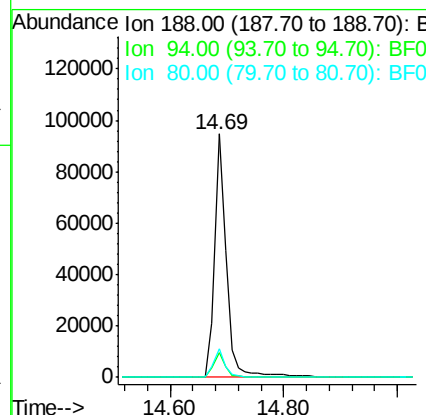
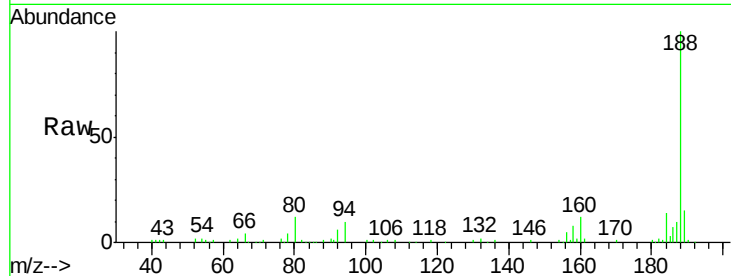
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	133219		
94	10.0	6.5	9.7#	
80	11.7	8.0	12.0	

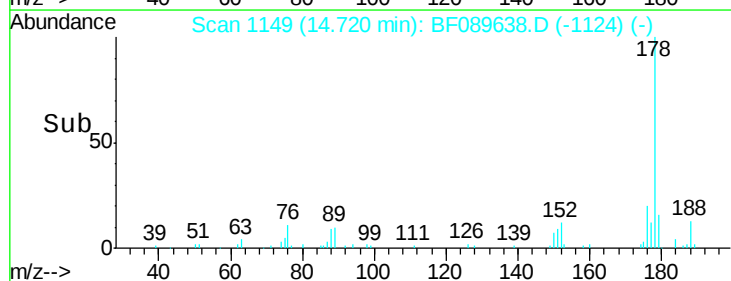
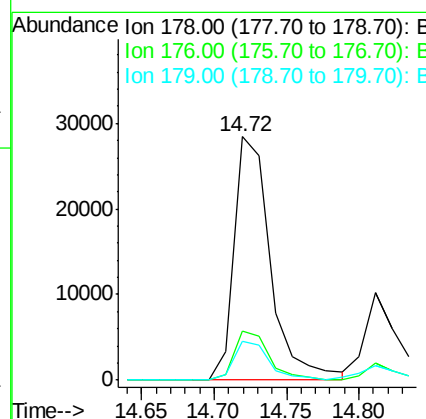
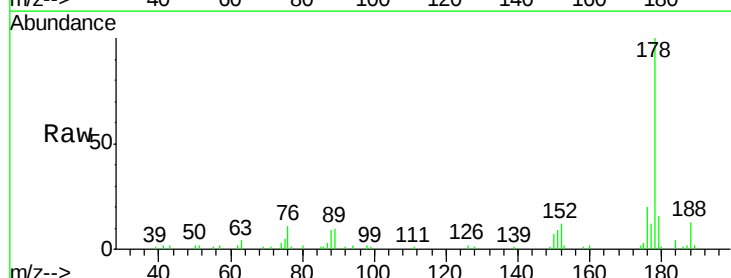
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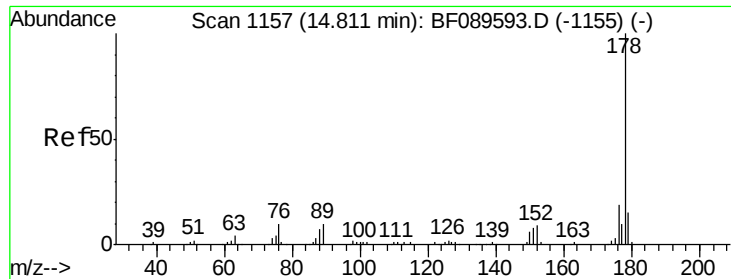
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#70
Phenanthrene
Concen: 6.84 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	49555		
176	20.0	15.7	23.5	
179	15.8	12.2	18.2	





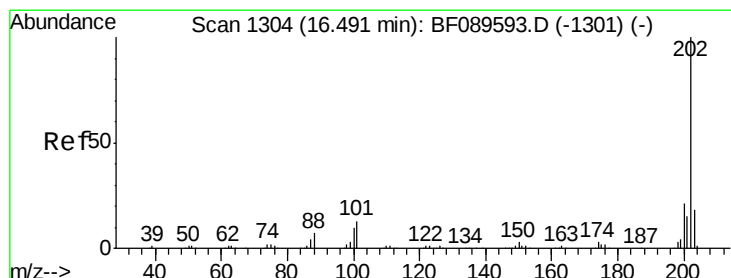
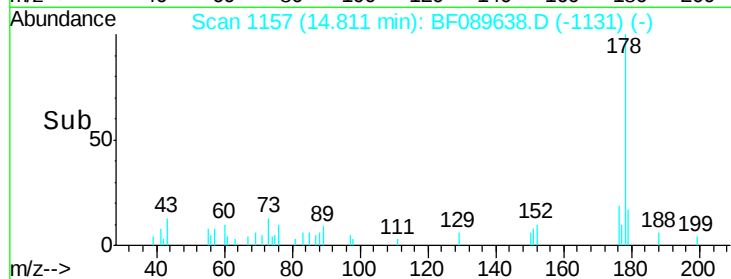
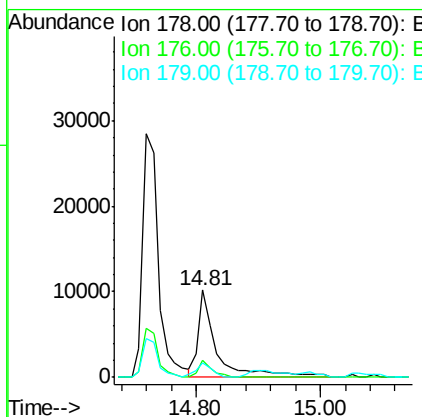
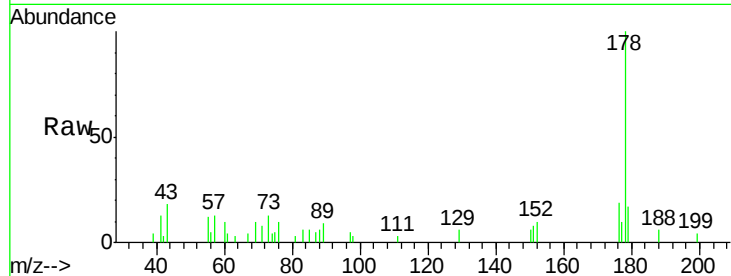
#71
 Anthracene
 Concen: 2.76 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF089638.D
 Acq: 5 Aug 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SS12-0-2IN

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	17.2	12.4	18.6

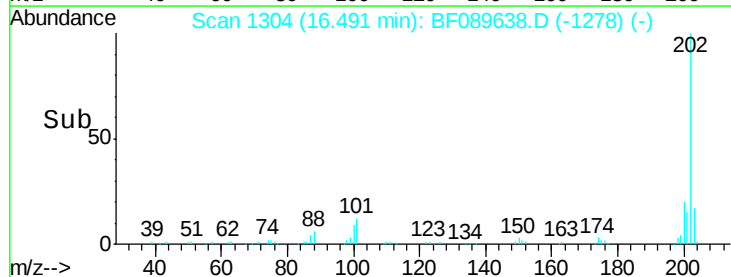
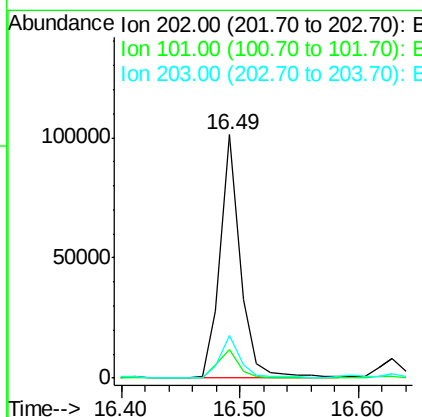
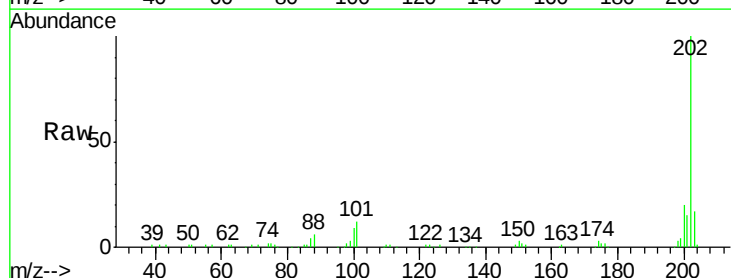
Manual Integrations
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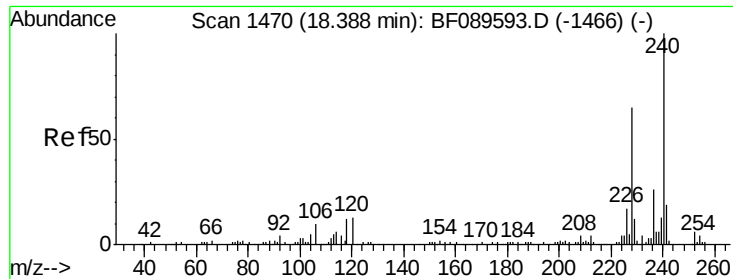
umangi
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#74
 Fluoranthene
 Concen: 16.29 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF089638.D
 Acq: 5 Aug 2016 19:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.7
203	17.3	0.0	37.8





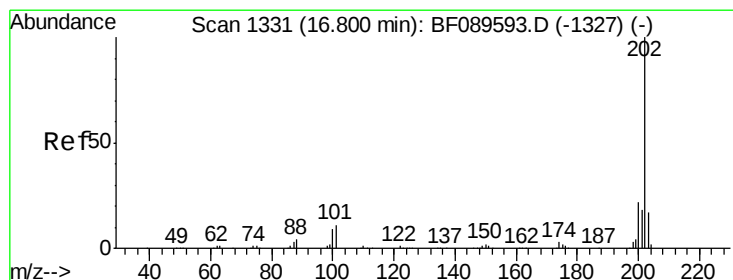
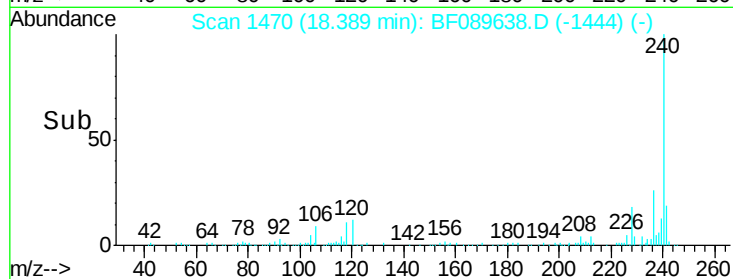
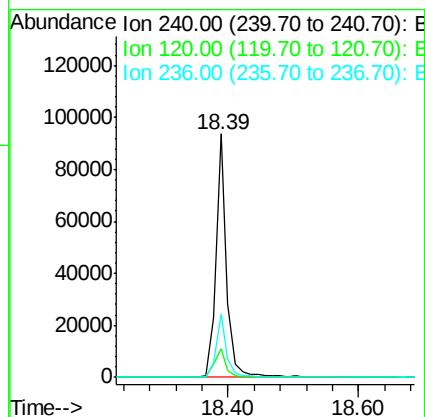
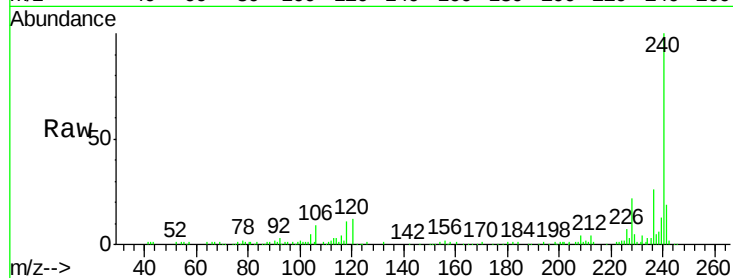
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Instrument :
BNA_F
ClientSampleId :
SS12-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	108666		
120	11.8	10.6	15.8	
236	25.7	20.6	30.8	

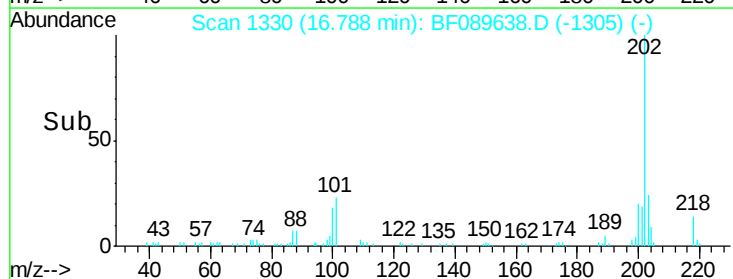
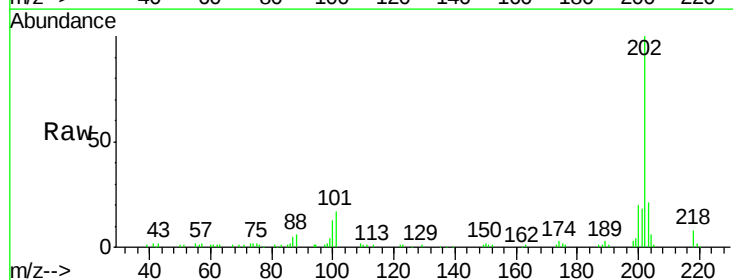
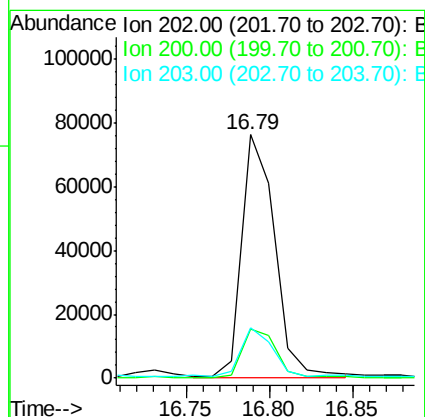
Manual Integrations
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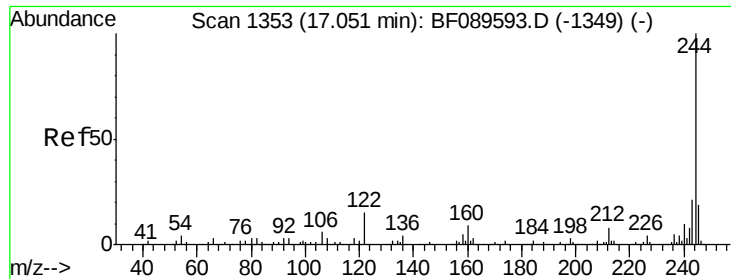
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#77
Pyrene
Concen: 11.35 ng m
RT: 16.79 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	109048		
200	20.2	17.4	26.0	
203	20.5	13.6	20.4	





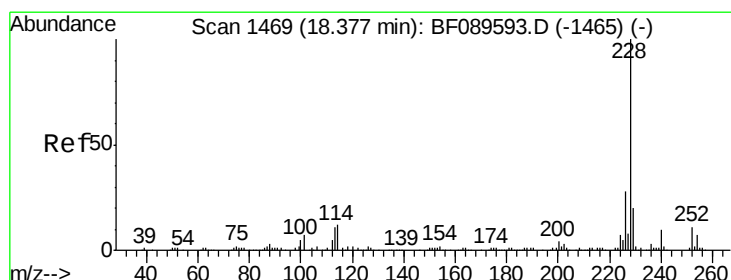
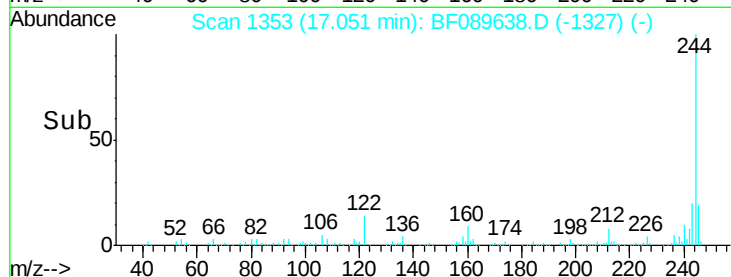
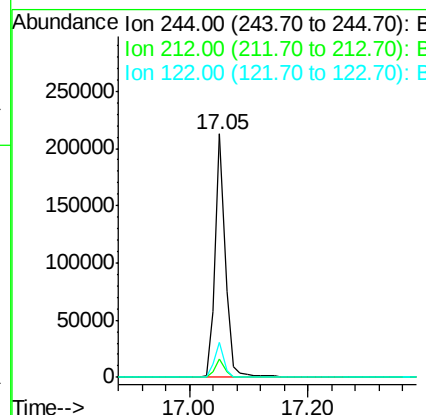
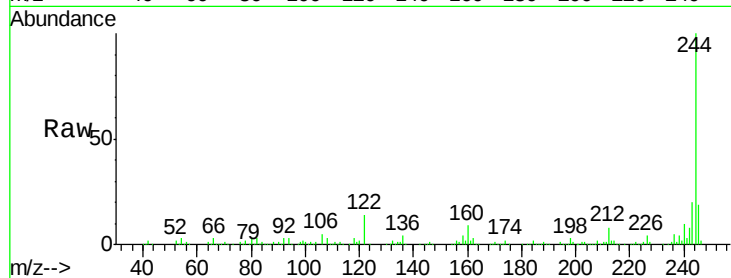
#78
 Terphenyl-d14
 Concen: 46.28 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089638.D
 Acq: 5 Aug 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SS12-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	254764		
212	7.7	6.4	9.6	
122	14.4	12.2	18.2	

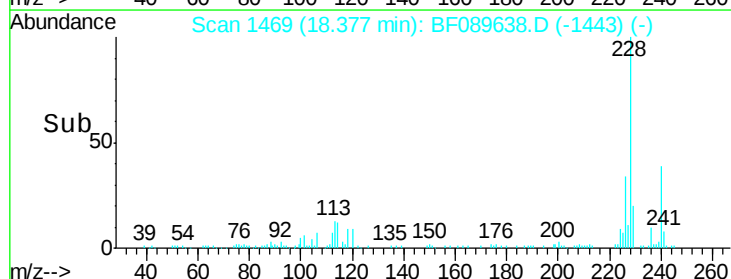
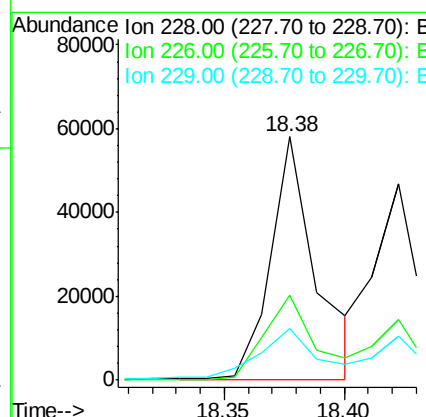
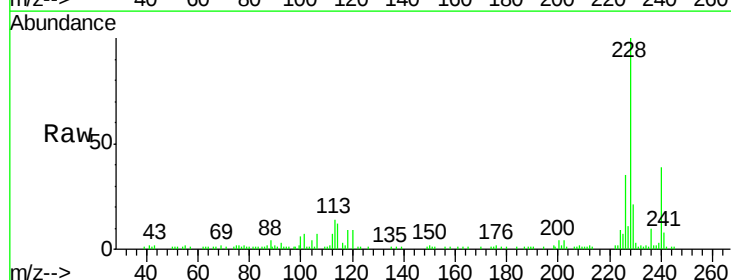
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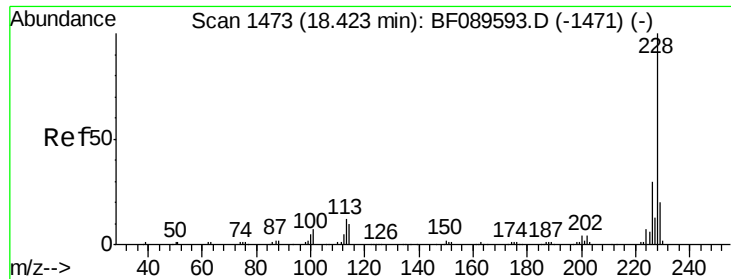
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#80
 Benzo(a)anthracene
 Concen: 12.26 ng m
 RT: 18.38 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF089638.D
 Acq: 5 Aug 2016 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	76566		
226	34.6	22.3	33.5#	
229	21.1	15.9	23.9	





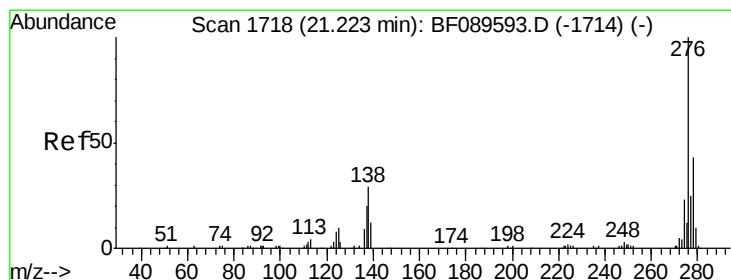
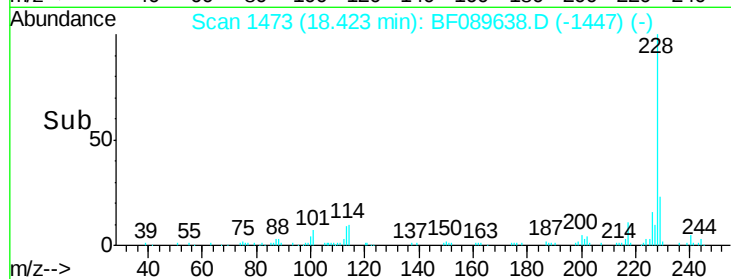
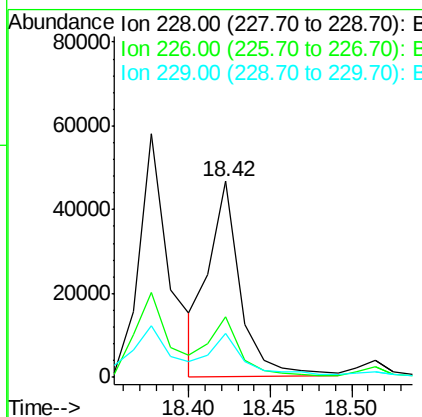
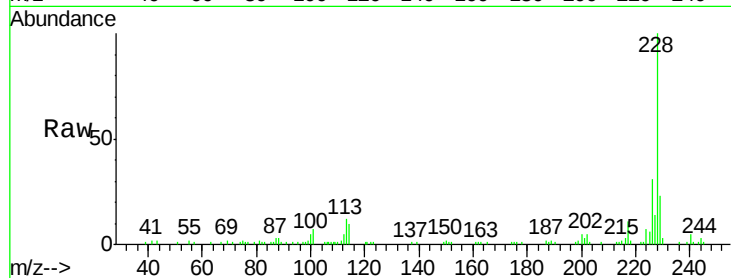
#82
Chrysene
Concen: 9.62 ng
RT: 18.42 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Instrument :
BNA_F
ClientSampleId :
SS12-0-2IN

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	22.7	16.0	24.0

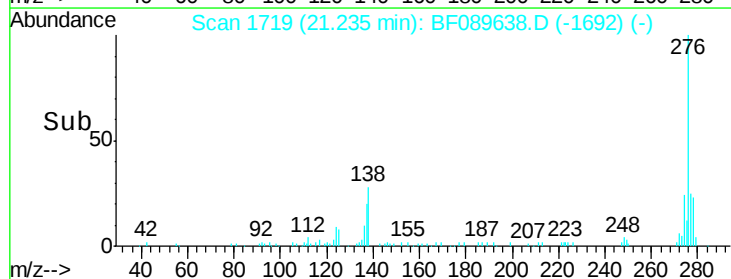
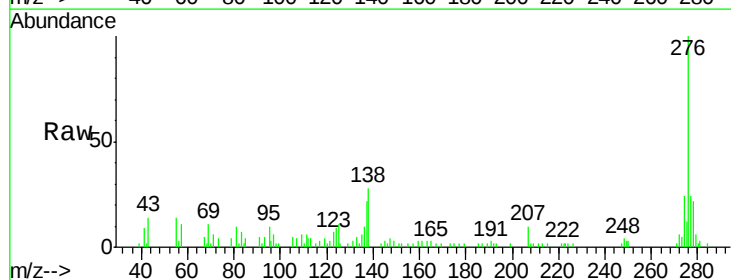
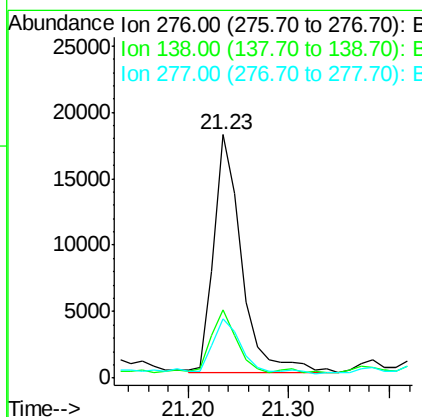
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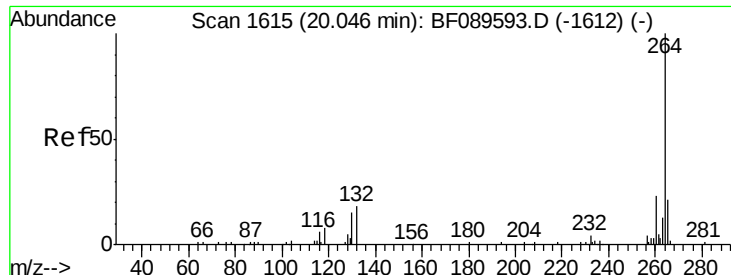
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.93 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	23.8	35.8
277	23.9	20.3	30.5





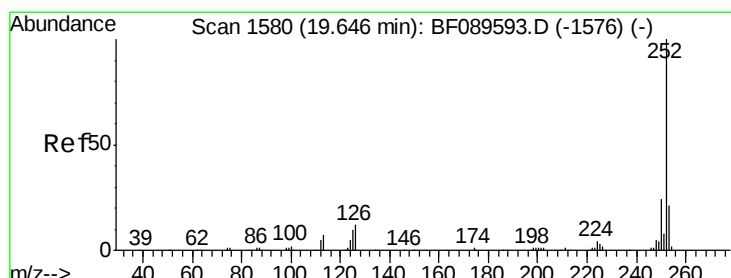
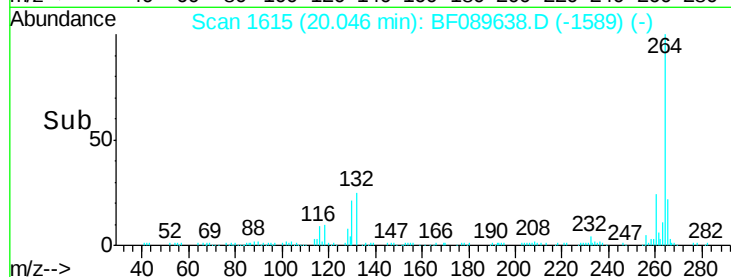
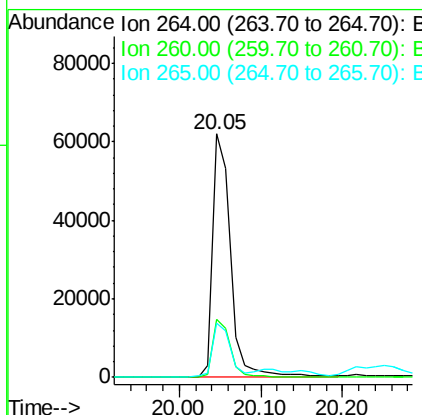
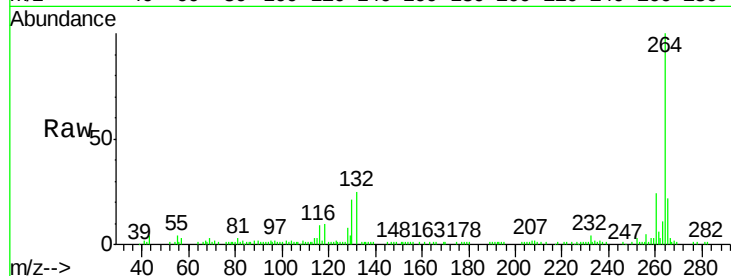
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Instrument :
BNA_F
ClientSampleId :
SS12-0-2IN

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.2	16.5	24.7

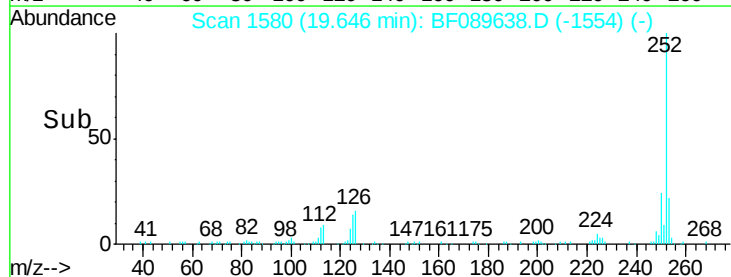
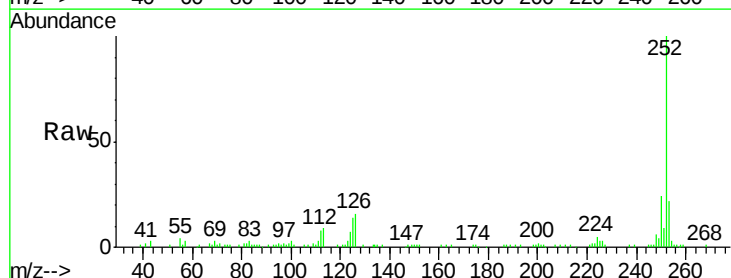
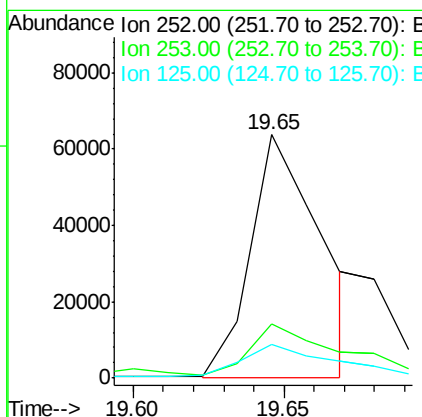
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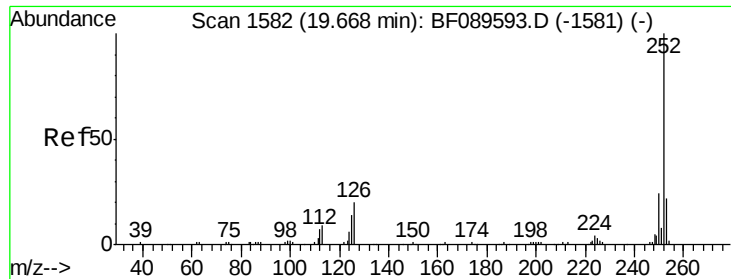
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#87
Benzo(b)fluoranthene
Concen: 17.61 ng m
RT: 19.65 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.0	7.8	11.8





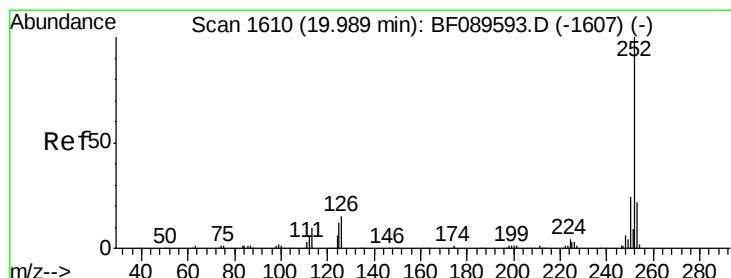
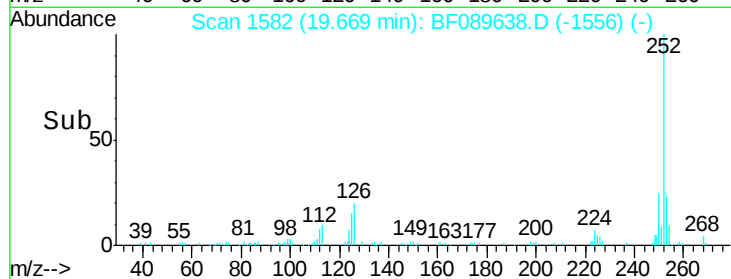
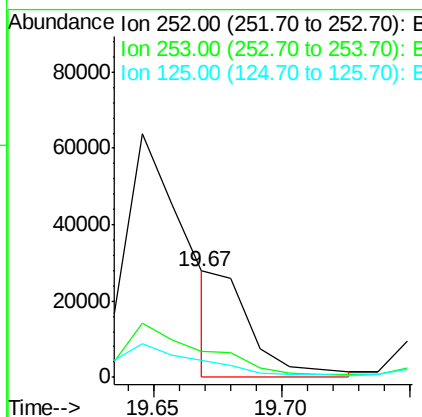
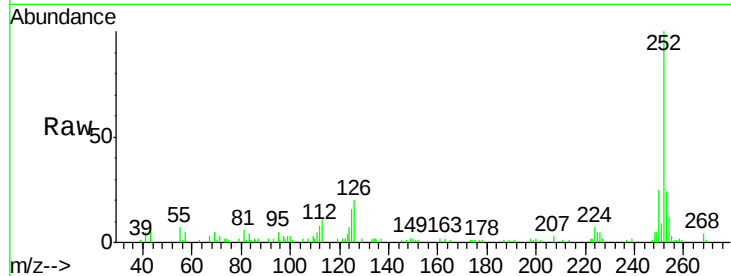
#88
Benzo(k)fluoranthene
Concen: 4.58 ng m
RT: 19.67 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Instrument :
BNA_F
ClientSampleId :
SS12-0-2IN

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	16.5	11.0	16.6

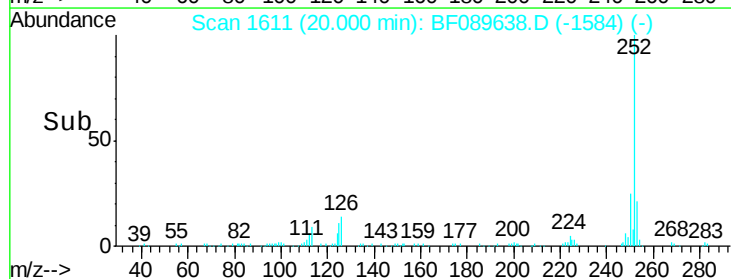
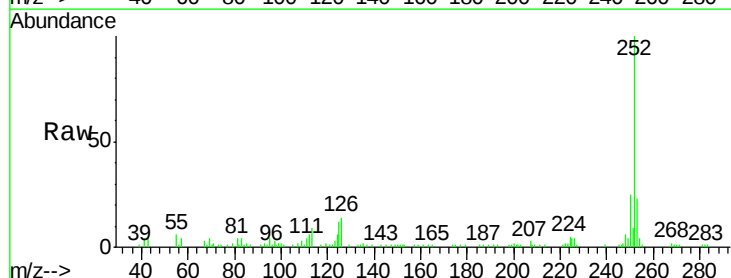
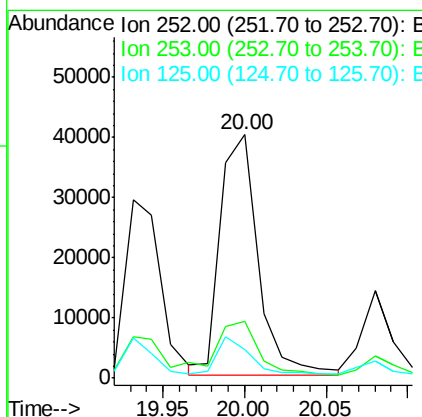
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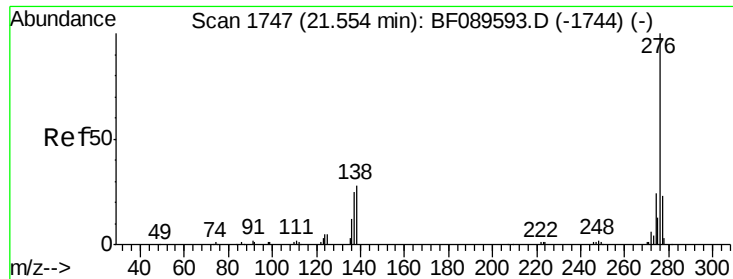
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#89
Benzo(a)pyrene
Concen: 11.66 ng
RT: 20.00 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF089638.D
Acq: 5 Aug 2016 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	11.6	9.9	14.9





#91
 Benzo(g,h,i)perylene
 Concen: 5.88 ng
 RT: 21.58 min Scan# 1749
 Delta R.T. 0.02 min
 Lab File: BF089638.D
 Acq: 5 Aug 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SS12-0-2IN

Tgt Ion:	276	Resp:	31102
Ion Ratio		Lower	Upper
276	100		
277	26.0	18.6	28.0
138	24.5	22.6	33.8

Manual Integrations
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