

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089634.D
 Acq On : 5 Aug 2016 17:10
 Operator : UM/SJ
 Sample : H4292-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS10-0-2IN

Manual Integrations
 APPROVED

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 8/8/2016 9:13:39 AM

Quant Time: Aug 06 00:00:01 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	49375	20.00	ng	-0.01
21) Naphthalene-d8	9.46	136	204929	20.00	ng	-0.01
38) Acenaphthene-d10	12.30	164	88996	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	148675	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	102658	20.00	ng	0.00
86) Perylene-d12	20.05	264	102649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	302675	102.74	ng	0.02
7) Phenol-d6	6.99	99	392429	98.20	ng	0.01
23) Nitrobenzene-d5	8.35	82	243947	65.84	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	61183	83.31	ng	0.00
44) 2-Fluorobiphenyl	11.24	172	413914	60.44	ng	-0.01
78) Terphenyl-d14	17.05	244	245915	47.29	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.94	163	83450	11.96	ng	99
70) Phenanthrene	14.72	178	89453	11.07	ng	98
71) Anthracene	14.81	178	24841	2.87	ng	98
74) Fluoranthene	16.49	202	130901	15.75	ng	97
77) Pyrene	16.79	202	103186	11.37	ng	# 94
80) Benzo(a)anthracene	18.38	228	61291	10.39	ng	98
82) Chrysene	18.42	228	45880	7.41	ng	96
85) Indeno(1,2,3-cd)pyrene	21.23	276	23695	5.04	ng	99
87) Benzo(b)fluoranthene	19.65	252	61928m	9.81	ng	
88) Benzo(k)fluoranthene	19.66	252	31168m	4.89	ng	
89) Benzo(a)pyrene	19.99	252	46942	7.94	ng	# 91
91) Benzo(g,h,i)perylene	21.58	276	26770	4.74	ng	96

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

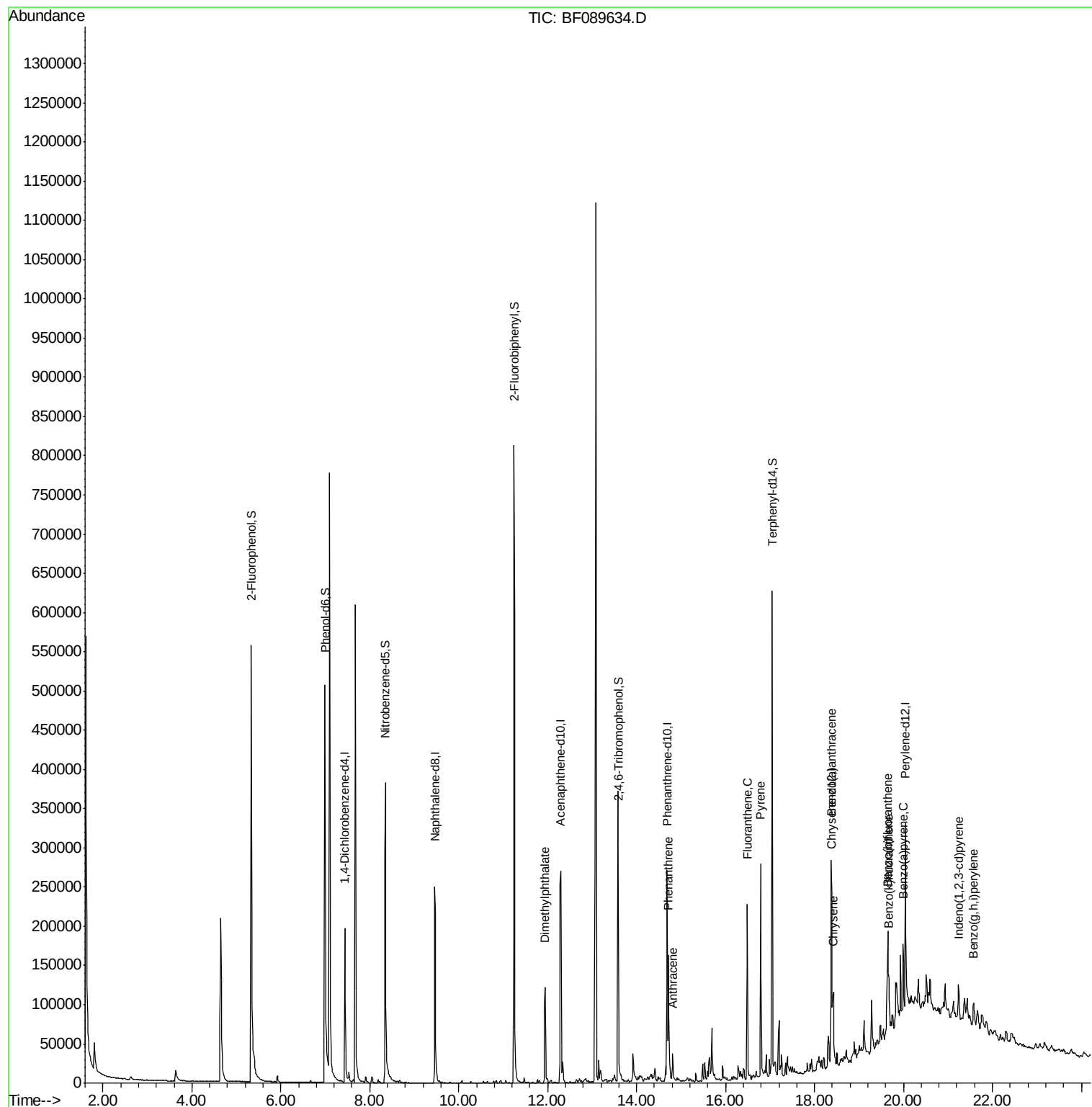
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089634.D
Acq On : 5 Aug 2016 17:10
Operator : UM/SJ
Sample : H4292-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

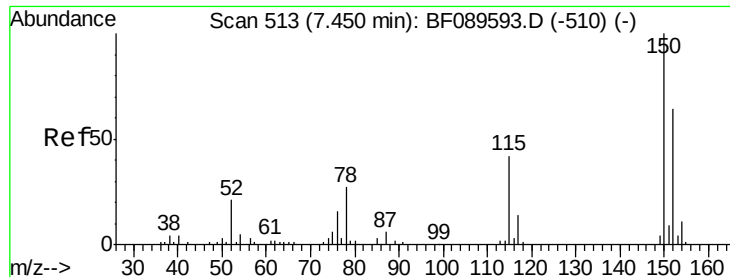
Instrument :
BNA_F
ClientSampleId :
SS10-0-2IN

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#1

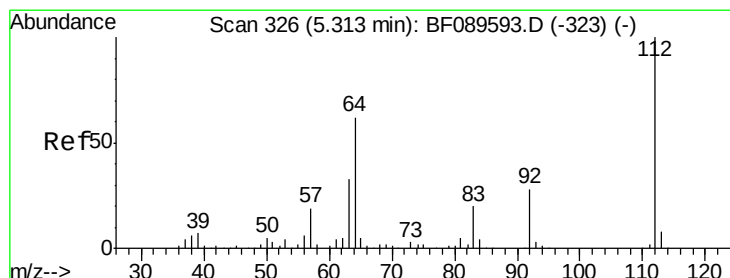
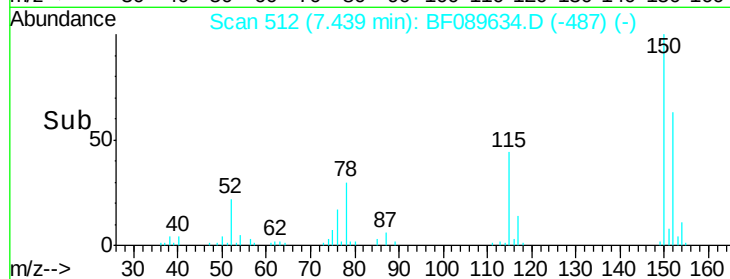
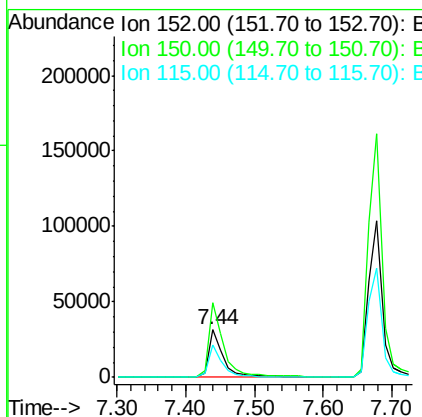
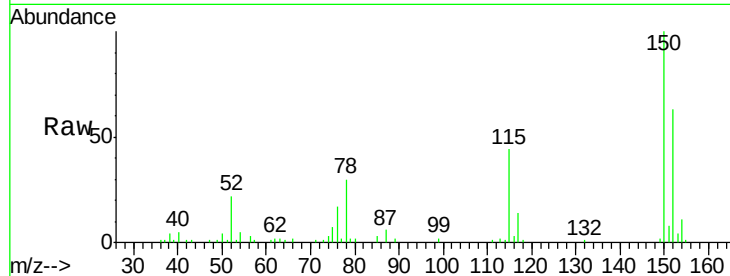
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF089634.D
Acq: 5 Aug 2016 17:10

Instrument :
BNA_F
ClientSampleId :
SS10-0-2IN

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.5	188.3
115	69.6	52.0	78.0

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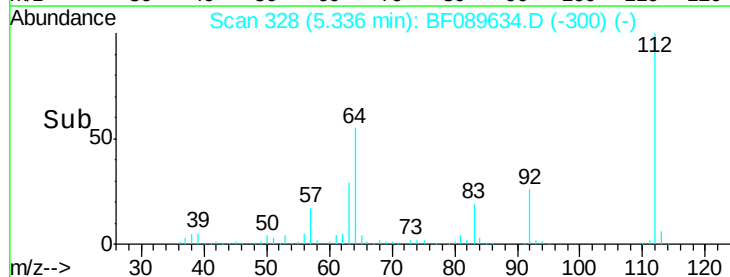
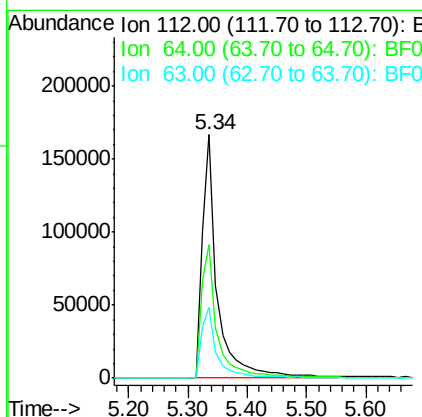
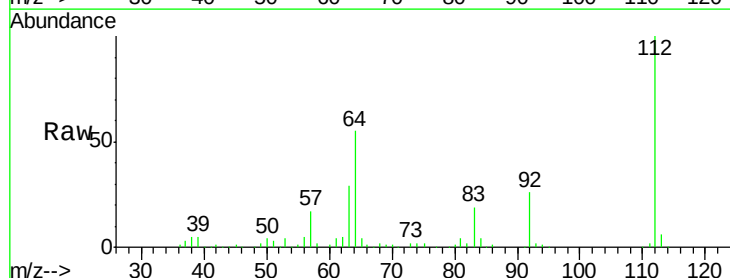
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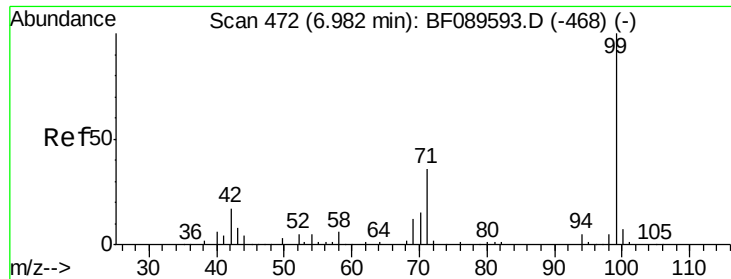


#5

2-Fluorophenol
Concen: 102.74 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089634.D
Acq: 5 Aug 2016 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	49.9	74.9
63	29.1	26.1	39.1





#7

Phenol-d6

Concen: 98.20 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089634.D

Acq: 5 Aug 2016 17:10

Instrument :

BNA_F

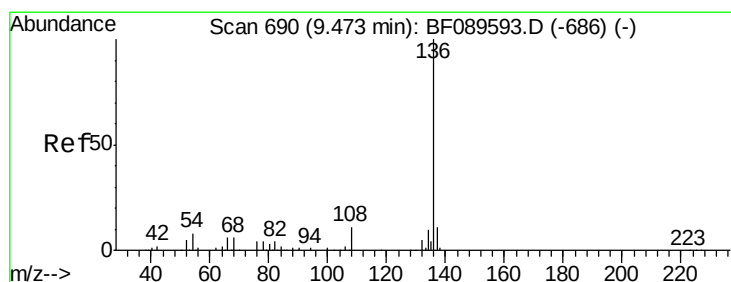
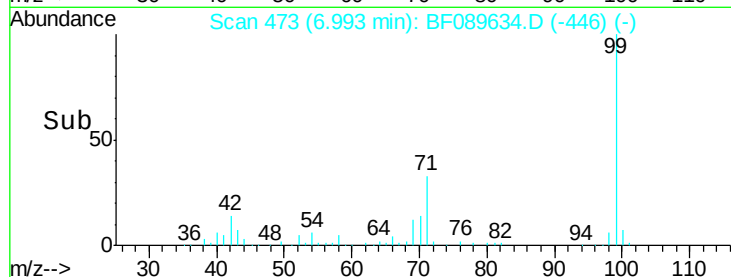
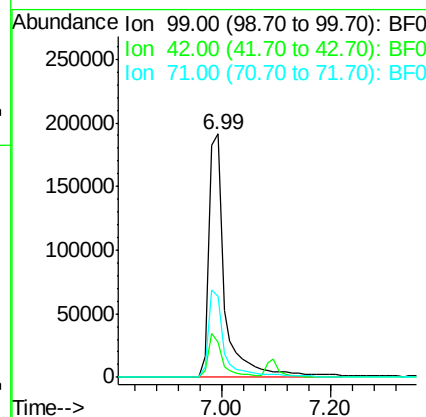
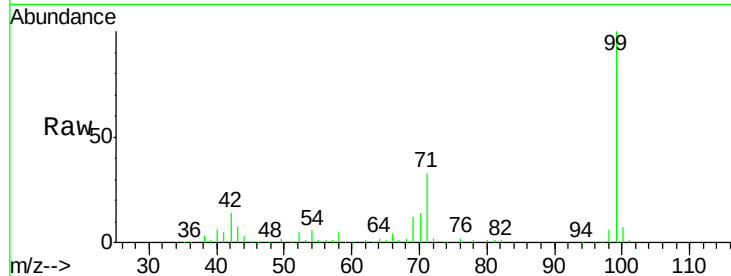
ClientSampled :

SS10-0-2IN

Tgt Ion:	99	Resp:	392429
Ion Ratio	Lower	Upper	
99	100		
42	14.4	13.7	20.5
71	33.4	29.0	43.4

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#21

Naphthalene-d8

Concen: 20.00 ng

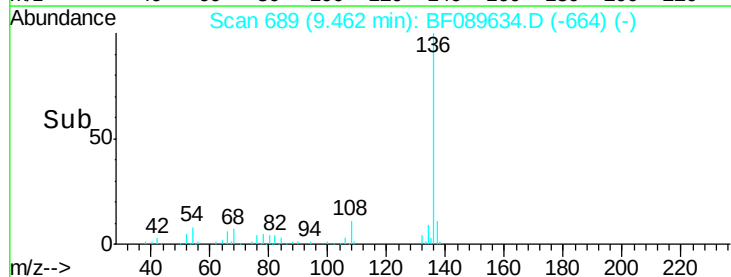
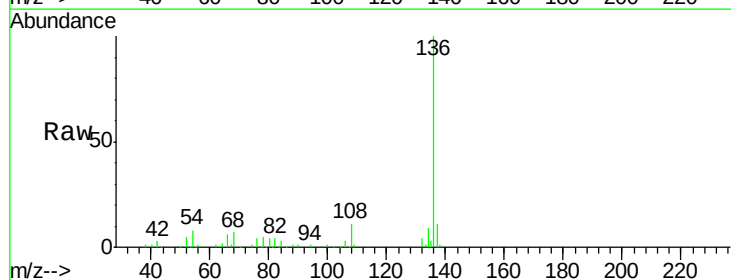
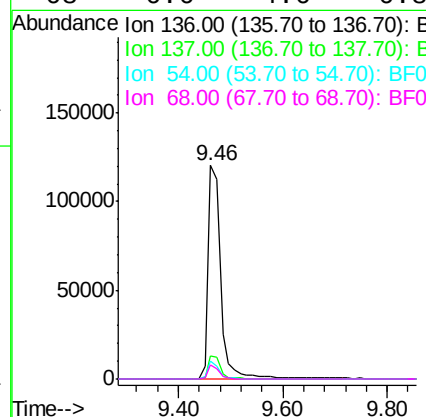
RT: 9.46 min Scan# 689

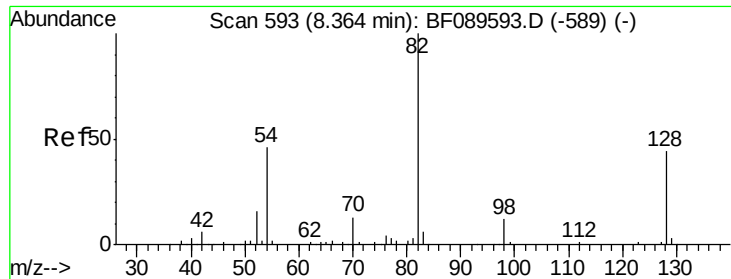
Delta R.T. -0.01 min

Lab File: BF089634.D

Acq: 5 Aug 2016 17:10

Tgt Ion:	136	Resp:	204929
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	8.3	6.0	9.0
68	6.6	4.6	6.8





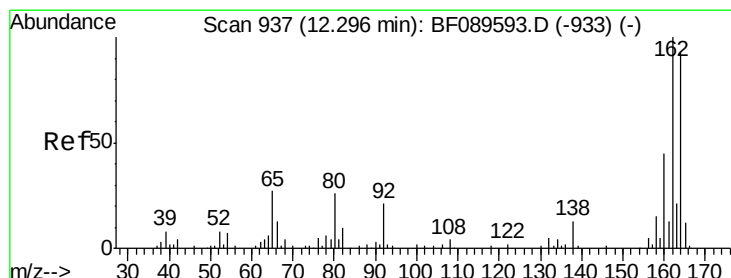
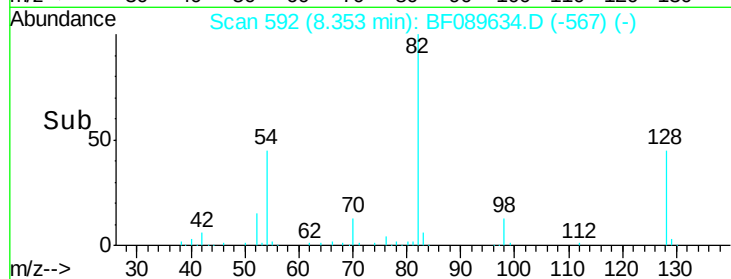
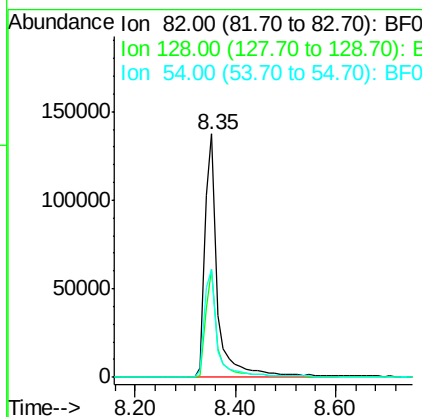
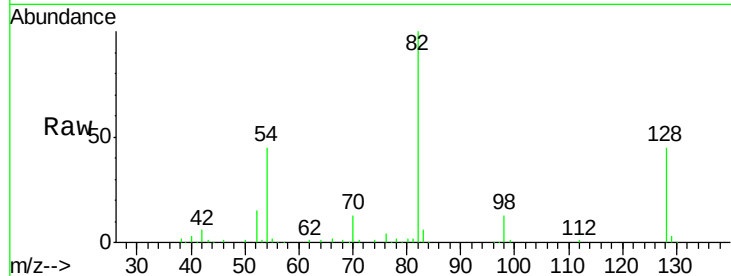
#23
 Nitrobenzene-d5
 Concen: 65.84 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089634.D
 Acq: 5 Aug 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 SS10-0-2IN

Tgt Ion:	82	Resp:	243947
Ion Ratio	Lower	Upper	
82	100		
128	44.6	35.4	53.0
54	44.6	36.4	54.6

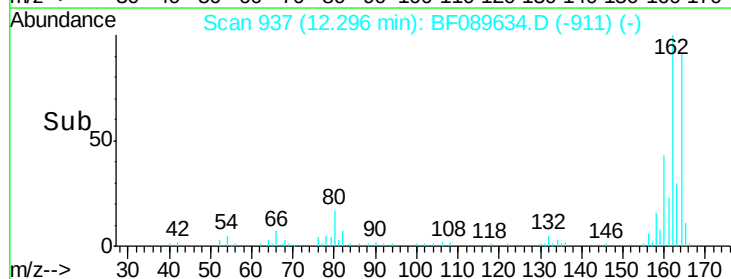
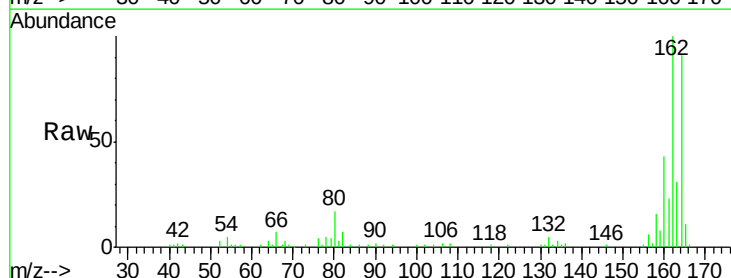
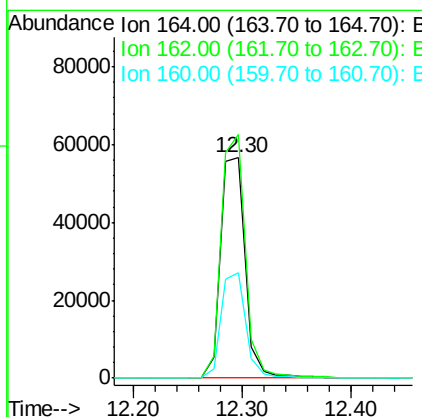
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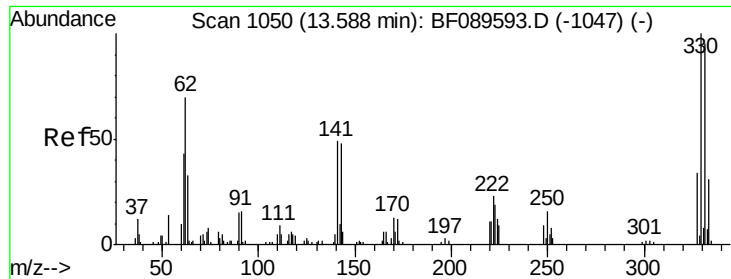
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089634.D
 Acq: 5 Aug 2016 17:10

Tgt Ion:	164	Resp:	88996
Ion Ratio	Lower	Upper	
164	100		
162	110.4	85.7	128.5
160	47.5	38.2	57.4





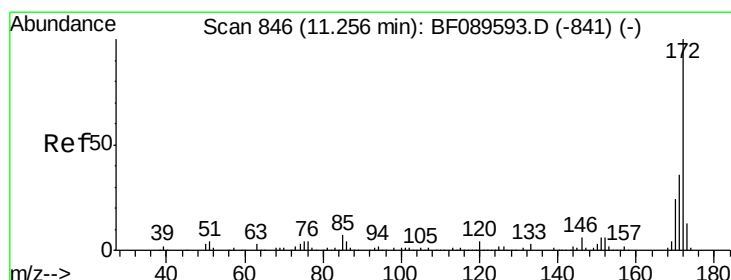
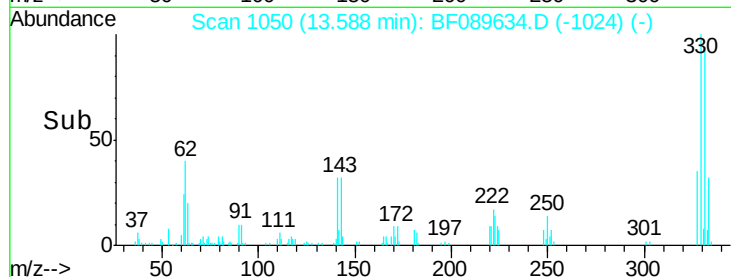
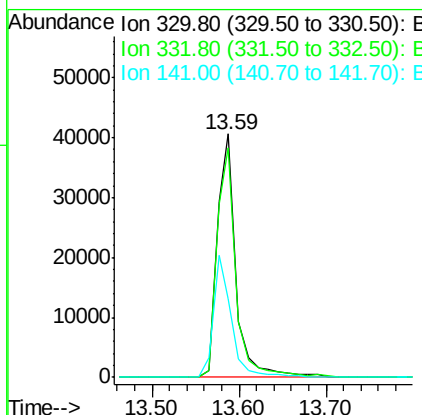
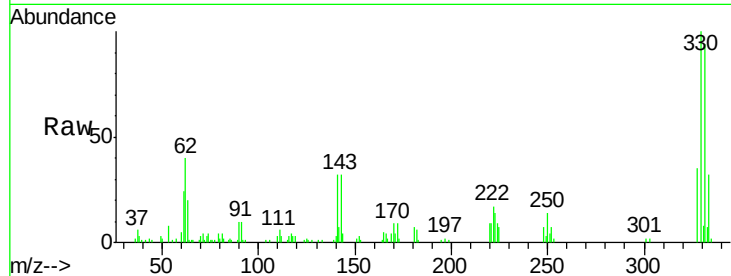
#41
 2,4,6-Tribromophenol
 Concen: 83.31 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089634.D
 Acq: 5 Aug 2016 17:10

Instrument :
 BNA_F
 ClientSampled :
 SS10-0-2IN

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	48.7	38.6	57.8

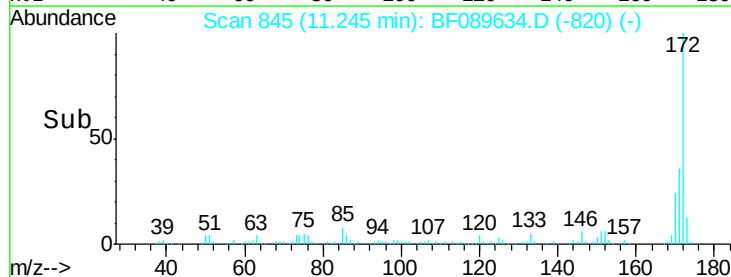
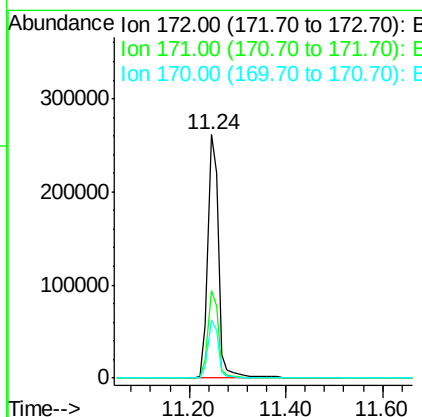
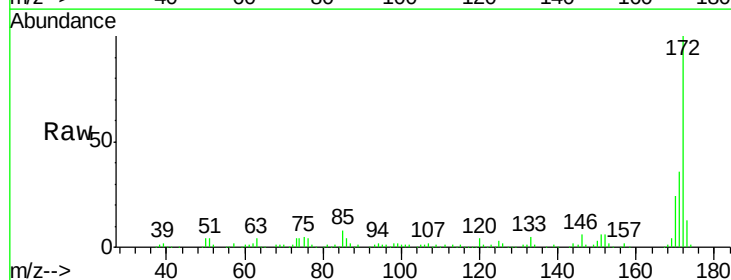
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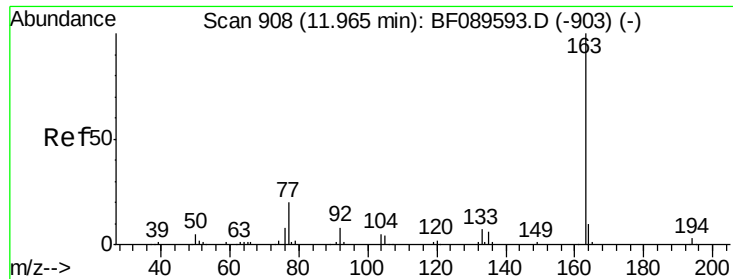
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#44
 2-Fluorobiphenyl
 Concen: 60.44 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF089634.D
 Acq: 5 Aug 2016 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.7	19.0	28.6





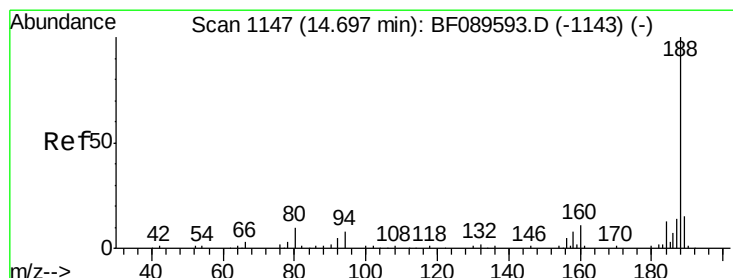
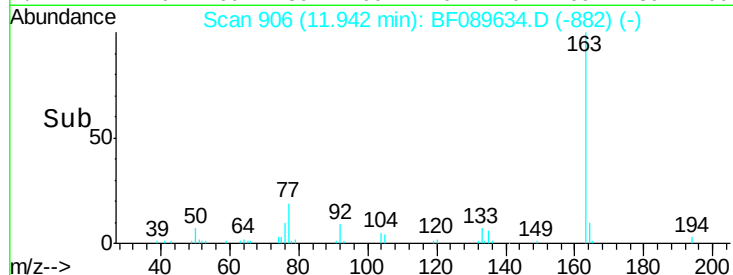
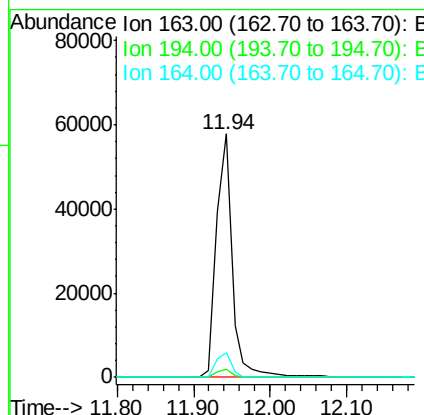
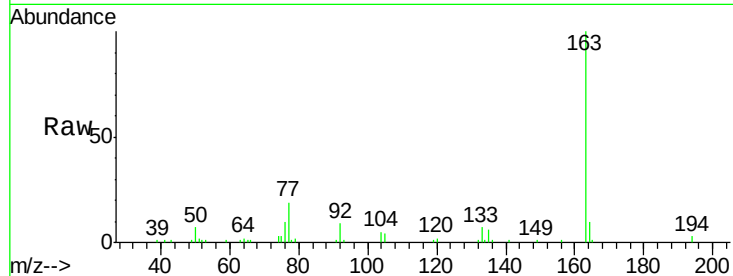
#49
Dimethylphthalate
Concen: 11.96 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089634.D
Acq: 5 Aug 2016 17:10

Instrument :
BNA_F
ClientSampleId :
SS10-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	83450		
194	3.4		2.7	4.1
164	10.0		7.8	11.6

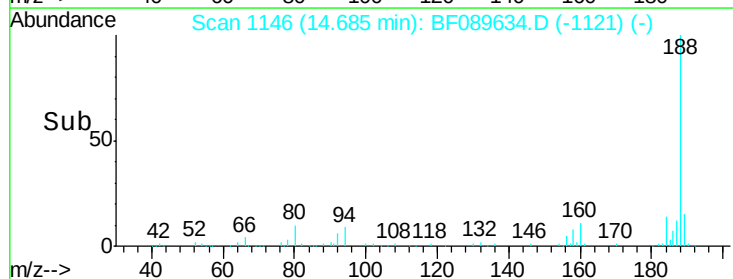
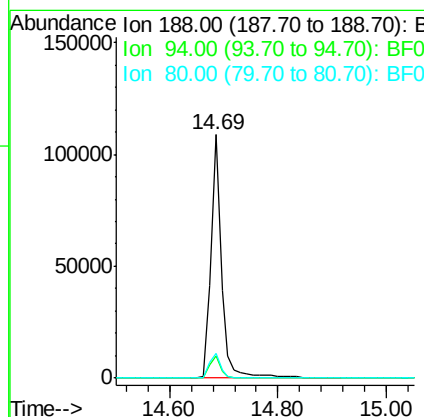
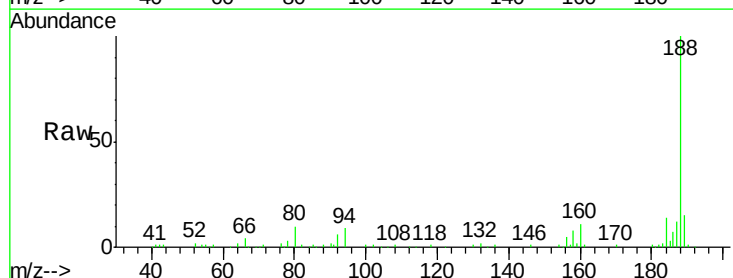
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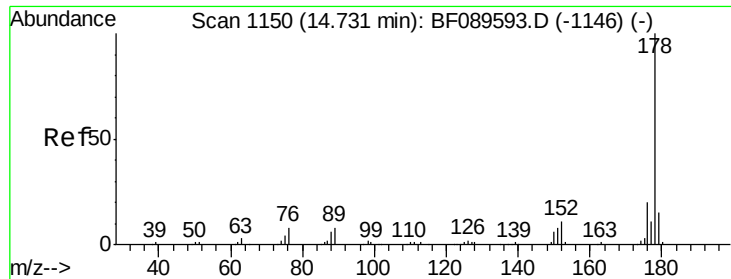
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089634.D
Acq: 5 Aug 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	148675		
94	9.2		6.5	9.7
80	10.3		8.0	12.0





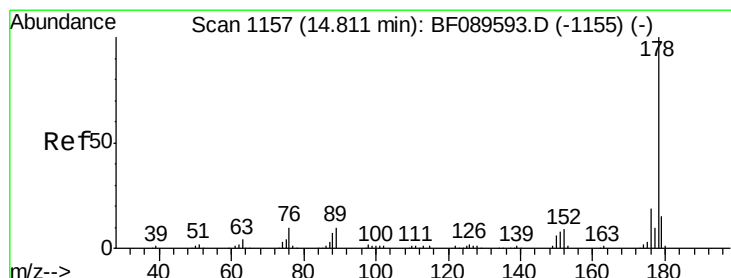
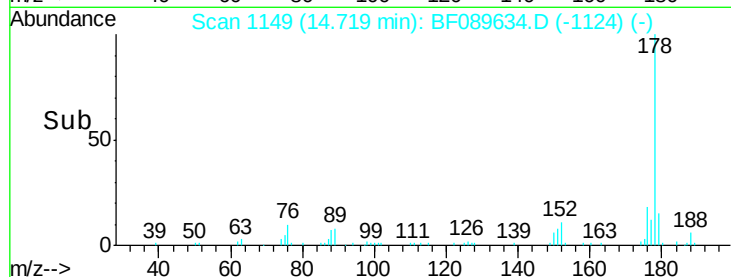
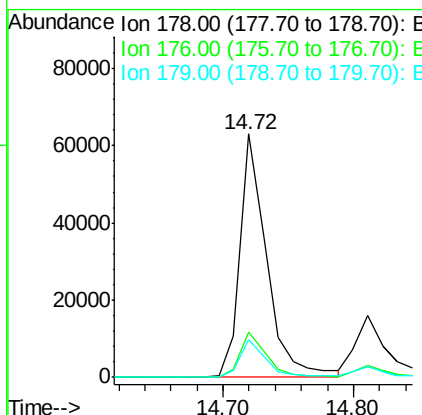
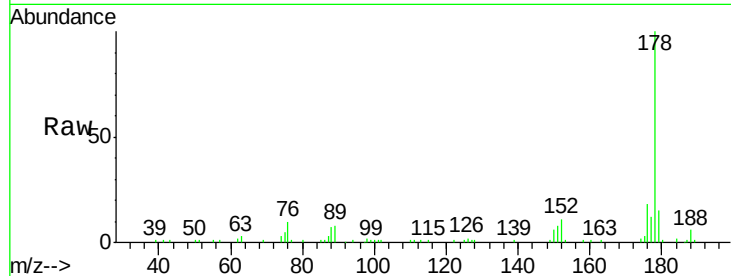
#70
Phenanthrene
Concen: 11.07 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF089634.D
Acq: 5 Aug 2016 17:10

Instrument :
BNA_F
ClientSampleId :
SS10-0-2IN

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.7	23.5
179	15.5	12.2	18.2

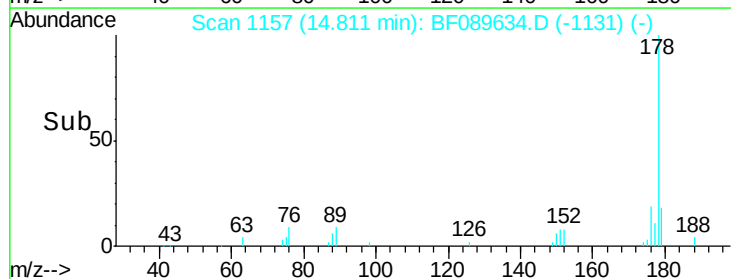
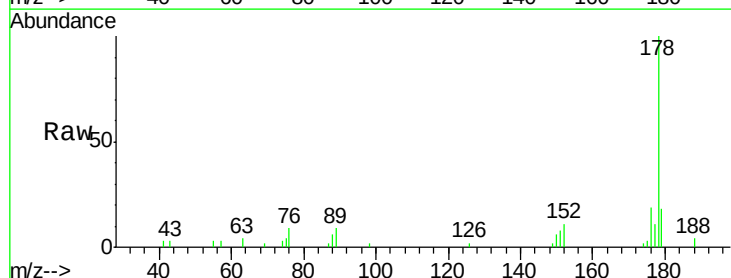
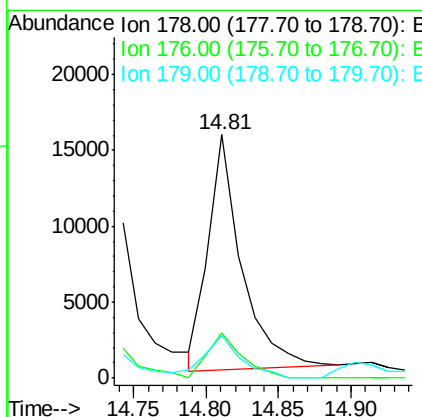
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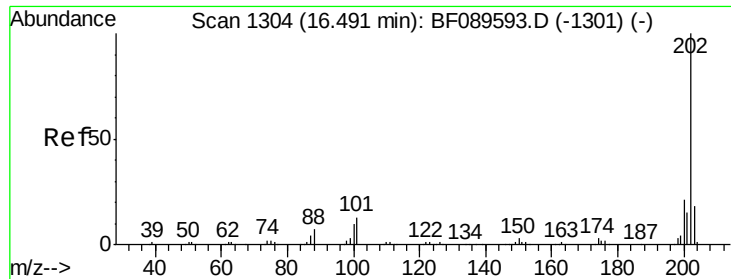
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#71
Anthracene
Concen: 2.87 ng
RT: 14.81 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF089634.D
Acq: 5 Aug 2016 17:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	17.7	12.4	18.6





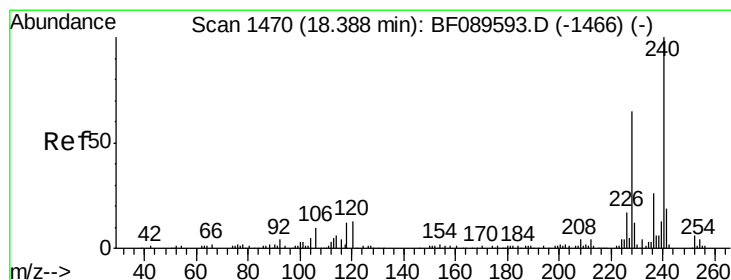
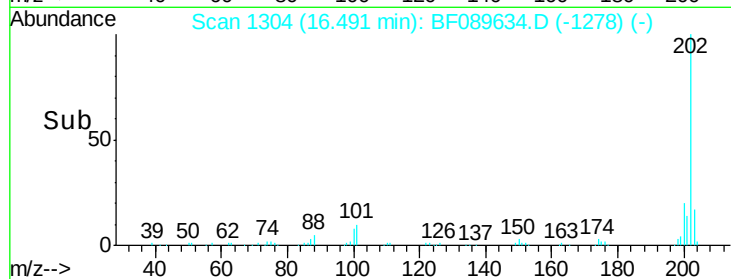
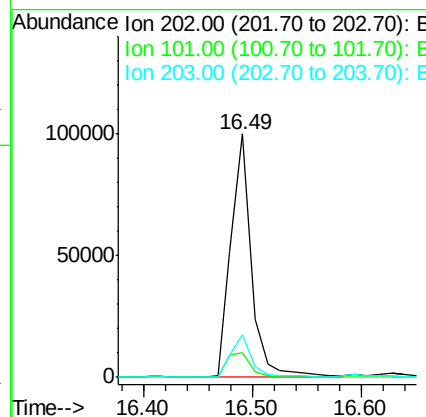
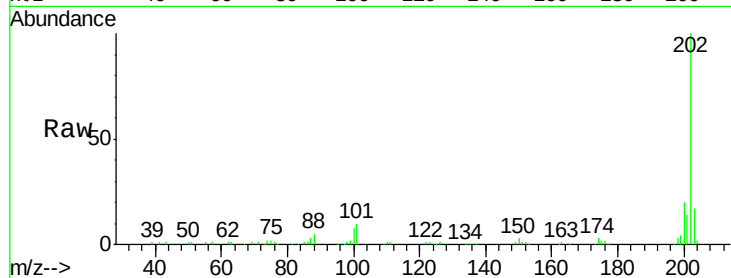
#74
 Fluoranthene
 Concen: 15.75 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF089634.D
 Acq: 5 Aug 2016 17:10

Instrument :
 BNA_F
 ClientSampled :
 SS10-0-2IN

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.3	0.0	32.7
203	17.5	0.0	37.8

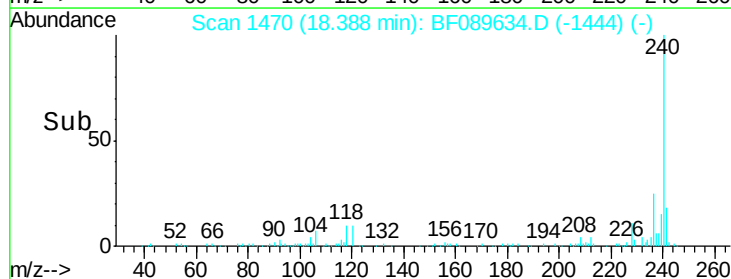
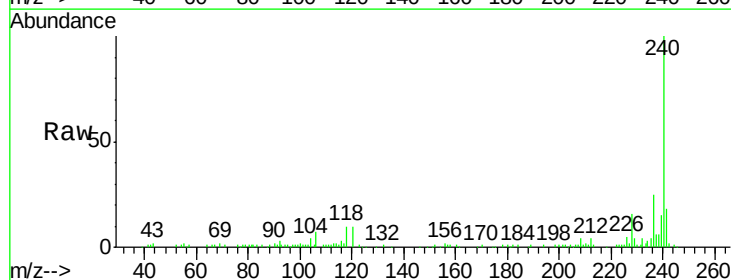
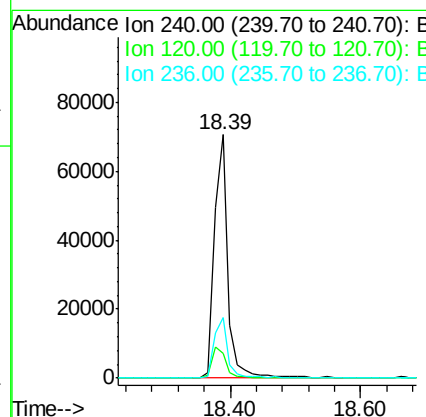
Manual Integrations
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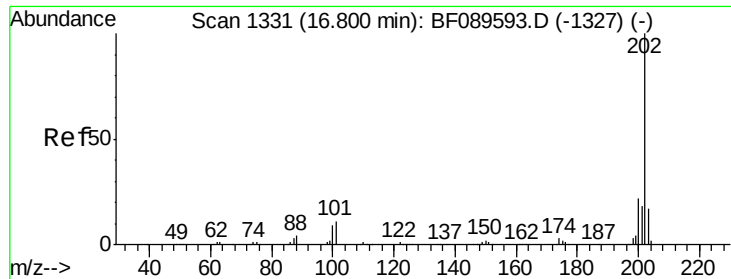
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089634.D
 Acq: 5 Aug 2016 17:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.2	10.6	15.8#
236	24.9	20.6	30.8





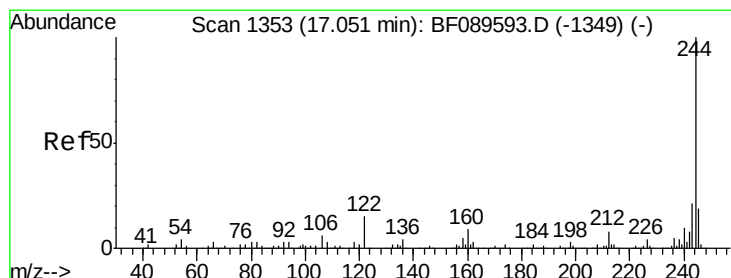
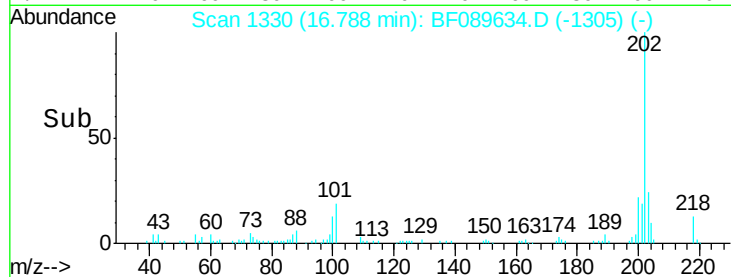
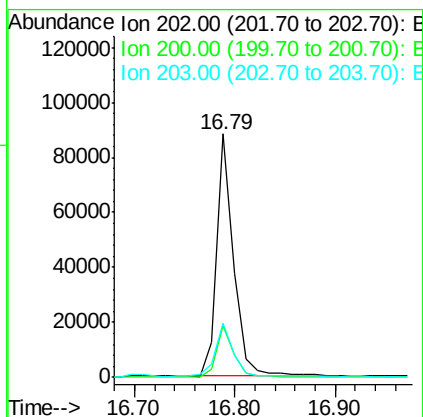
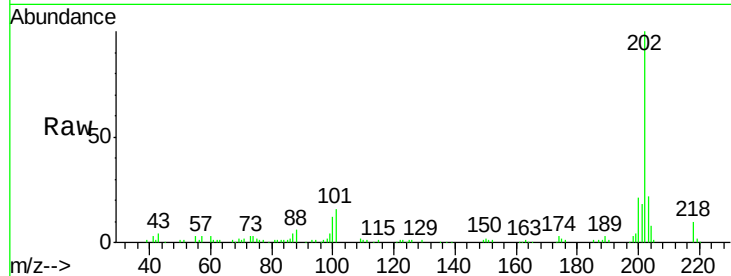
#77
 Pyrene
 Concen: 11.37 ng
 RT: 16.79 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF089634.D
 Acq: 5 Aug 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 SS10-0-2IN

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.0
203	22.2	13.6	20.4

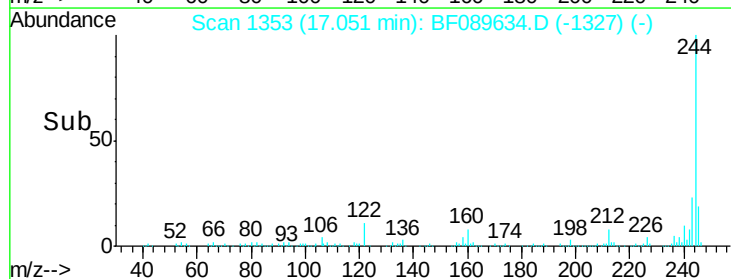
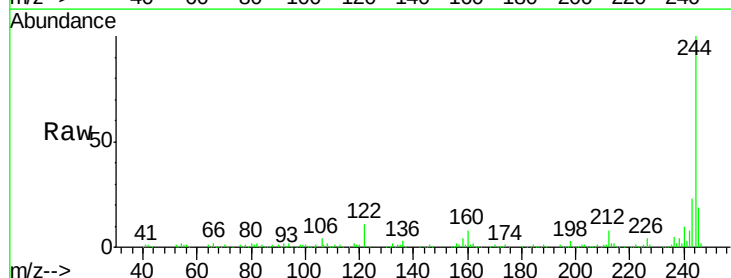
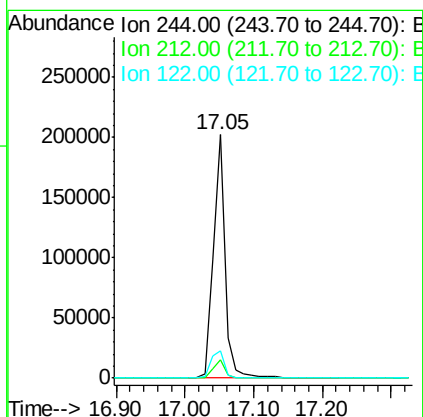
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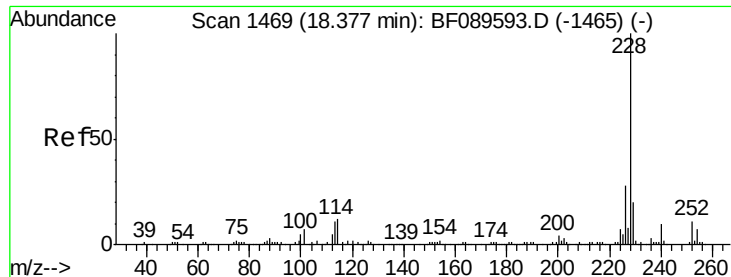
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#78
 Terphenyl-d14
 Concen: 47.29 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089634.D
 Acq: 5 Aug 2016 17:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	11.1	12.2	18.2





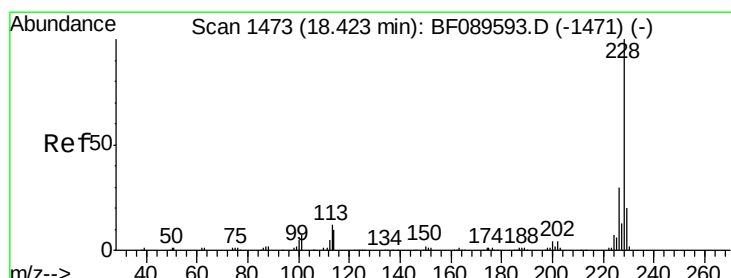
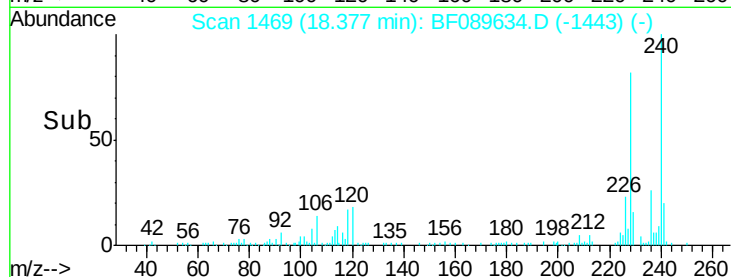
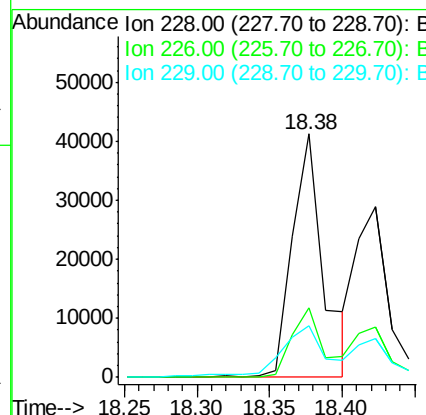
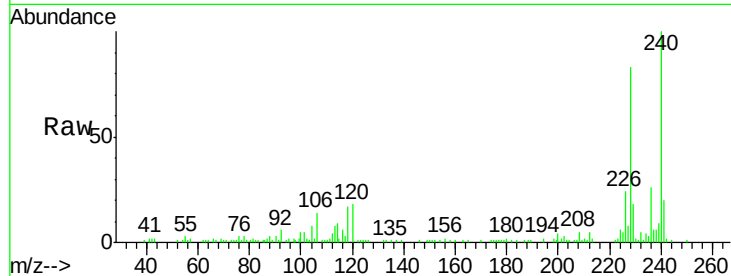
#80
Benzo(a)anthracene
Concen: 10.39 ng
RT: 18.38 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF089634.D
Acq: 5 Aug 2016 17:10

Instrument :
BNA_F
ClientSampleId :
SS10-0-2IN

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	21.0	15.9	23.9

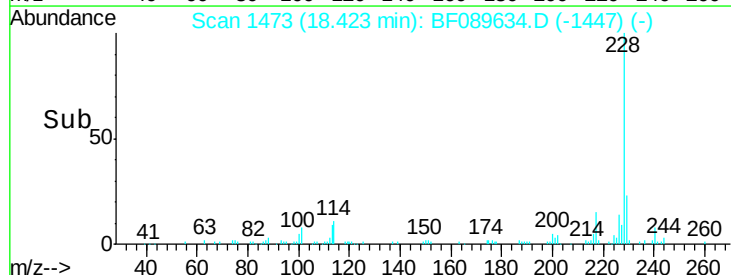
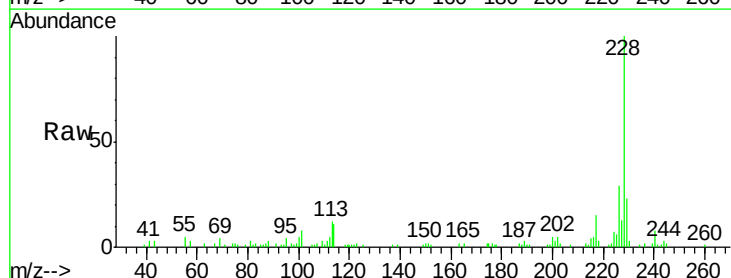
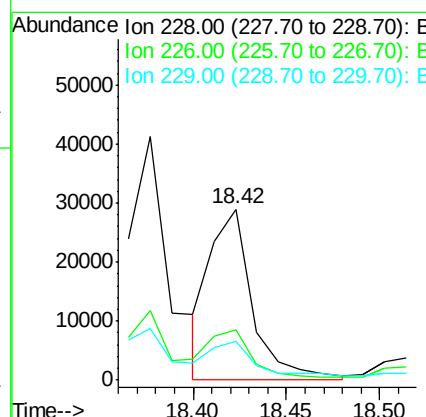
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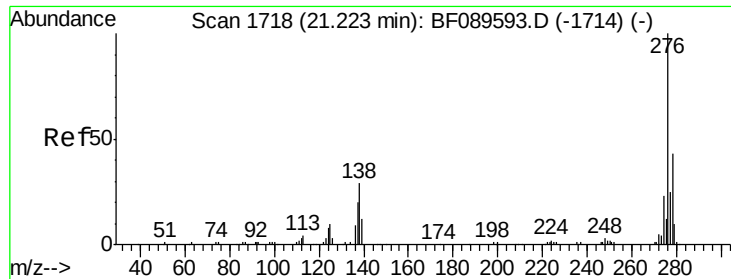
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#82
Chrysene
Concen: 7.41 ng
RT: 18.42 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF089634.D
Acq: 5 Aug 2016 17:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.2
229	23.0	16.0	24.0





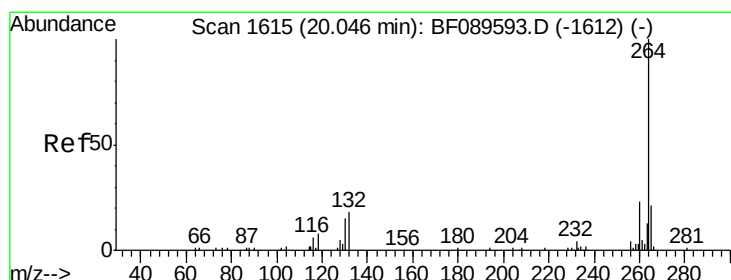
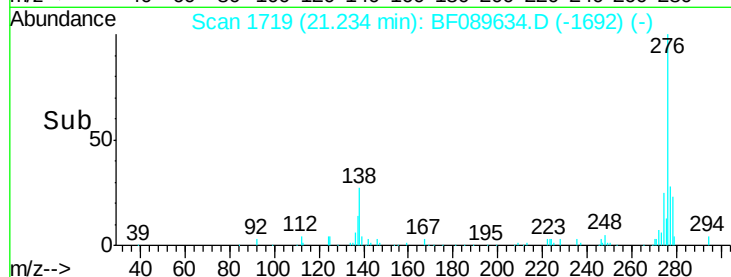
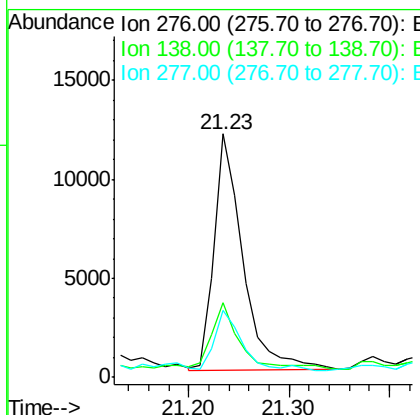
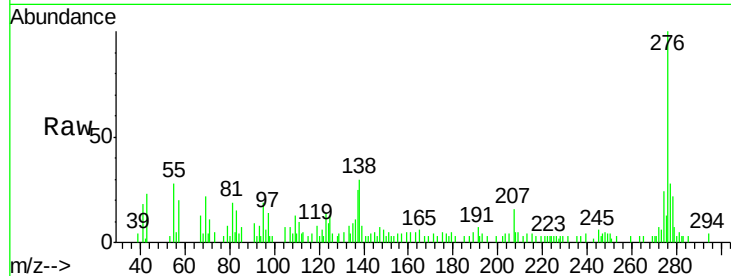
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.04 ng
 RT: 21.23 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BF089634.D
 Acq: 5 Aug 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 SS10-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	23695		
138	30.0	23.8	35.8	
277	24.3	20.3	30.5	

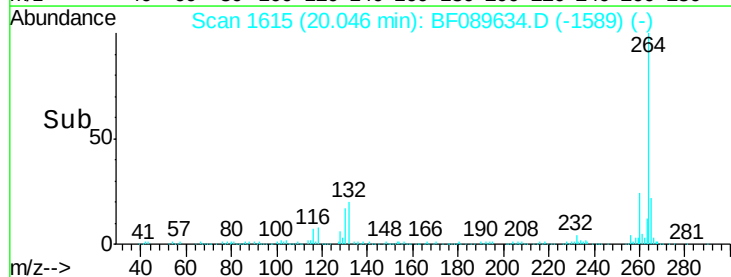
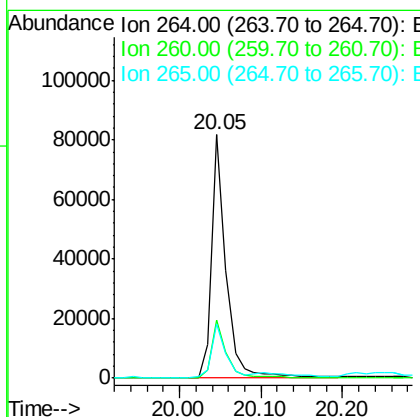
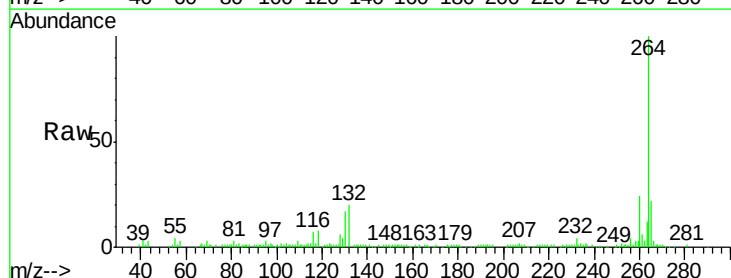
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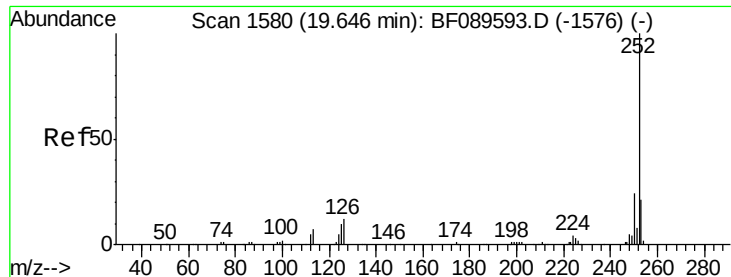
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089634.D
 Acq: 5 Aug 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	102649		
260	23.6	18.7	28.1	
265	22.5	16.5	24.7	





#87

Benzo(b)fluoranthene

Concen: 9.81 ng m

RT: 19.65 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF089634.D

Acq: 5 Aug 2016 17:10

Instrument :

BNA_F

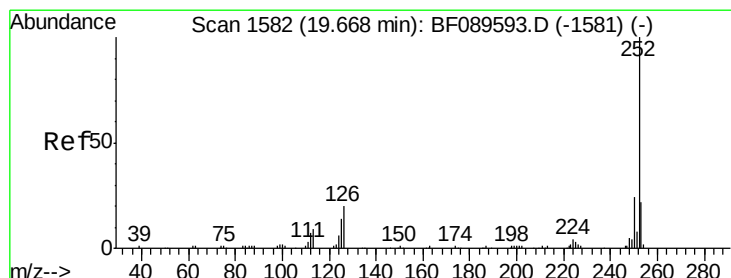
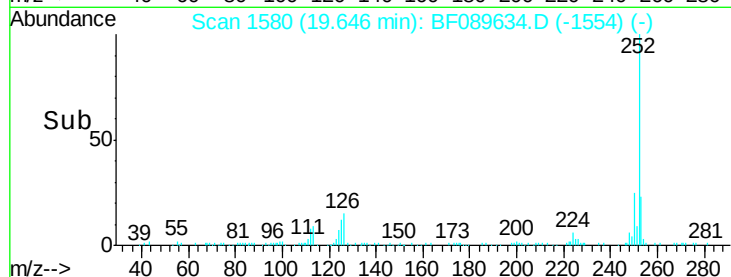
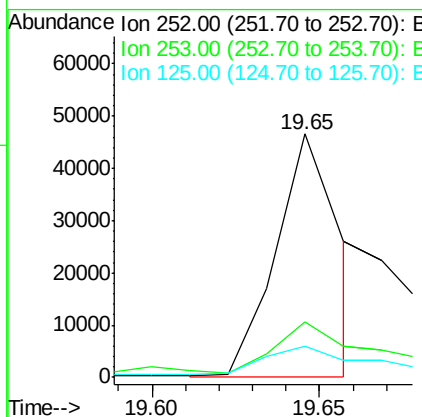
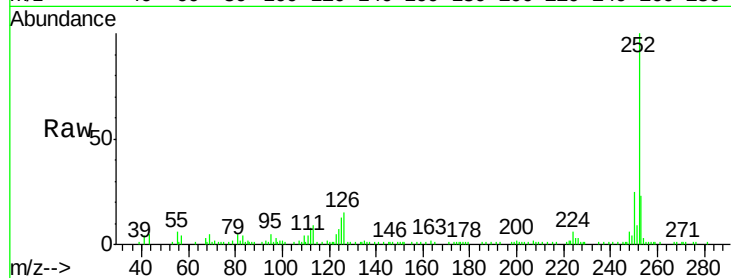
ClientSampleId :

SS10-0-2IN

Tgt Ion:	252	Resp:	61928
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	13.0	7.8	11.8

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#88

Benzo(k)fluoranthene

Concen: 4.89 ng m

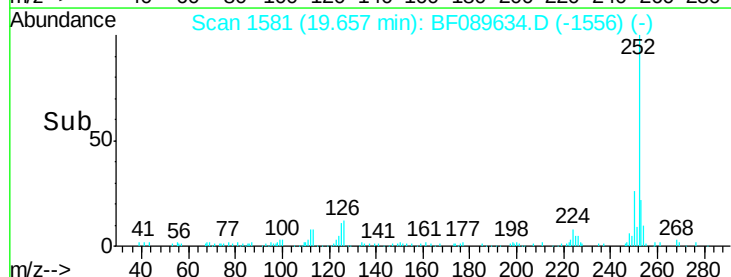
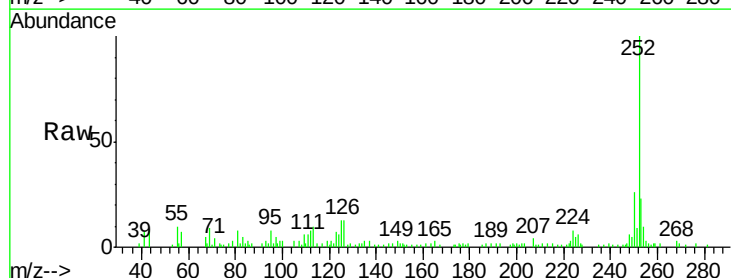
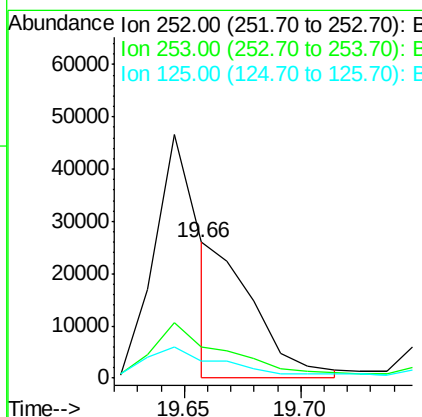
RT: 19.66 min Scan# 1581

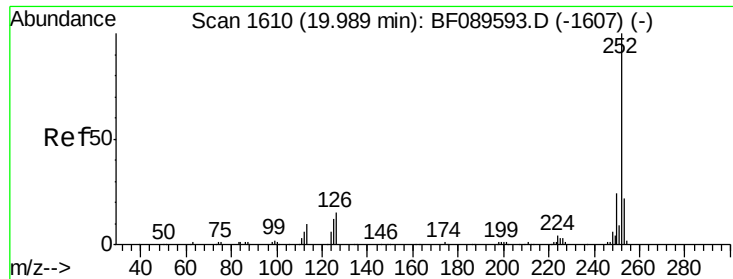
Delta R.T. -0.01 min

Lab File: BF089634.D

Acq: 5 Aug 2016 17:10

Tgt Ion:	252	Resp:	31168
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.3	25.9
125	12.8	11.0	16.6





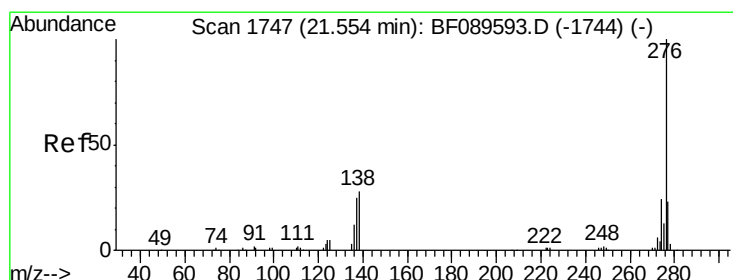
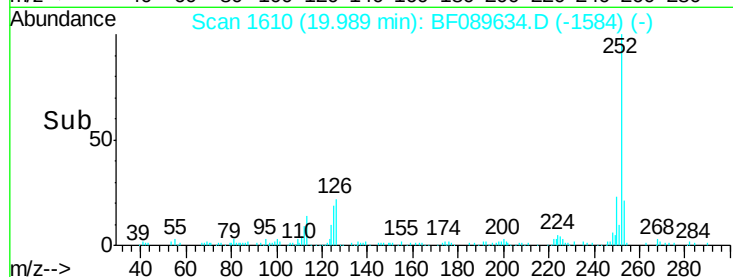
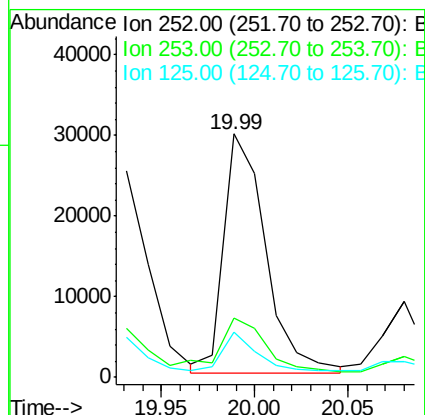
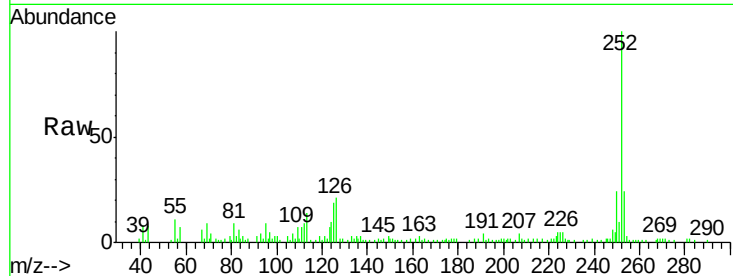
#89
Benzo(a)pyrene
Concen: 7.94 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089634.D
Acq: 5 Aug 2016 17:10

Instrument :
BNA_F
ClientSampleId :
SS10-0-2IN

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	18.8	9.9	14.9

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#91
Benzo(g,h,i)perylene
Concen: 4.74 ng
RT: 21.58 min Scan# 1749
Delta R.T. 0.02 min
Lab File: BF089634.D
Acq: 5 Aug 2016 17:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	25.3	22.6	33.8

