

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094036.D
 Acq On : 29 Mar 2017 23:24
 Operator : SJ/MA
 Sample : I2443-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-O12-ESW

Manual Integrations
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Quant Time: Mar 30 04:24:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	177611	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	708516	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	312689	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	517691	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	341645	20.00	ng	-0.04
86) Perylene-d12	16.27	264	278327	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1240471	117.96	ng	-0.02
7) Phenol-d6	5.52	99	1657097	127.38	ng	-0.03
23) Nitrobenzene-d5	6.57	82	1112186	89.58	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	286215	115.83	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1611097	78.59	ng	-0.03
78) Terphenyl-d14	13.37	244	991134	65.03	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.24	163	123455	5.55	ng	Qvalue # 98
70) Phenanthrene	11.42	178	418654	14.54	ng	98
71) Anthracene	11.47	178	89233	3.01	ng	97
74) Fluoranthene	12.88	202	570903	19.36	ng	99
77) Pyrene	13.16	202	509006	20.53	ng	99
80) Benzo(a)anthracene	14.63	228	243681	12.23	ng	96
82) Chrysene	14.67	228	248398	13.44	ng	98
85) Indeno(1,2,3-cd)pyrene	17.62	276	123379	7.71	ng	96
87) Benzo(b)fluoranthene	15.86	252	285454m	16.73	ng	
88) Benzo(k)fluoranthene	15.89	252	95178m	5.70	ng	
89) Benzo(a)pyrene	16.21	252	185697	11.82	ng	# 96
90) Dibenzo(a,h)anthracene	17.64	278	34548	2.60	ng	# 79
91) Benzo(a,h,i)perylene	18.02	276	118218	8.82	ng	97

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

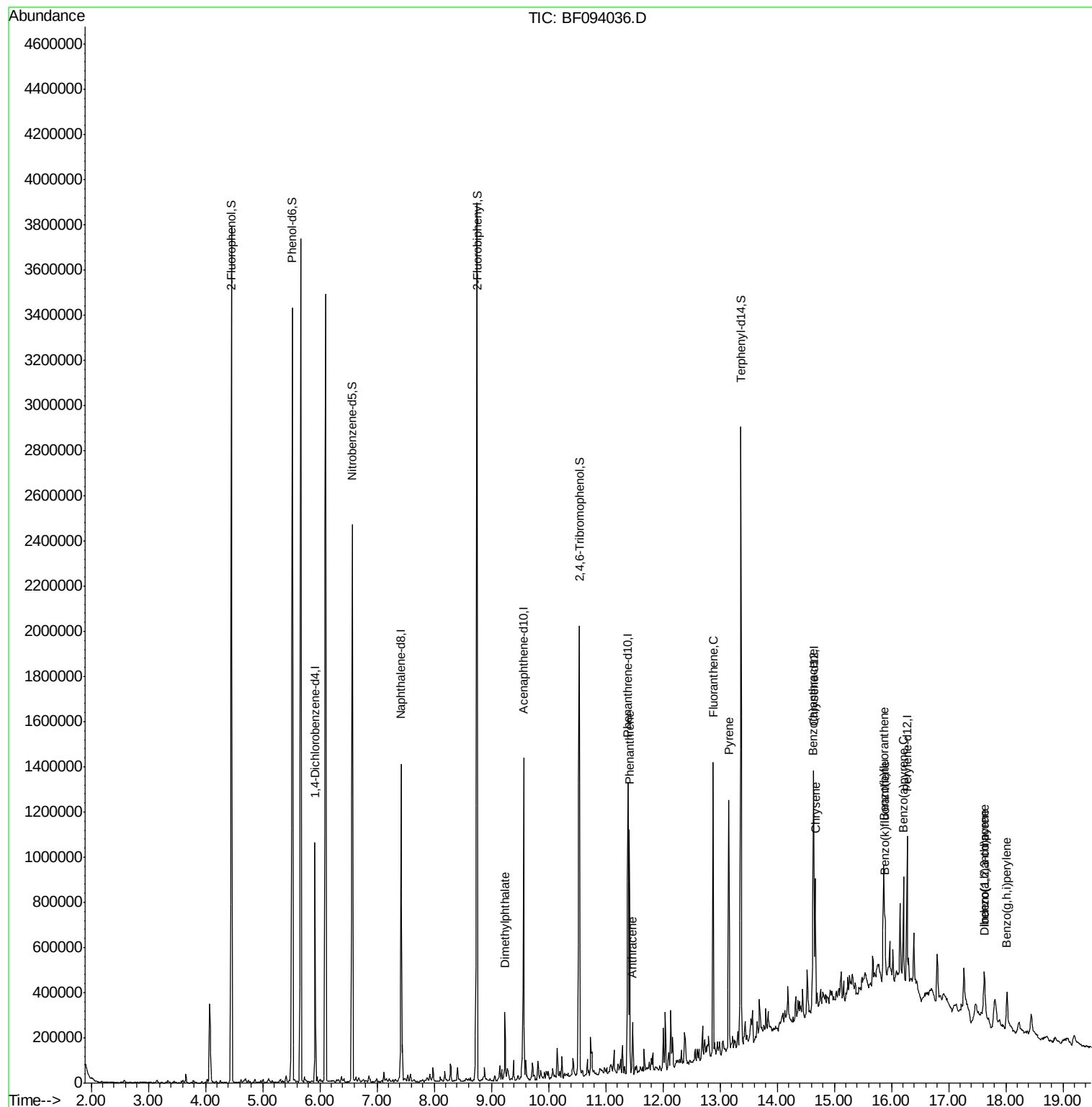
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094036.D
Acq On : 29 Mar 2017 23:24
Operator : SJ/MA
Sample : I2443-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

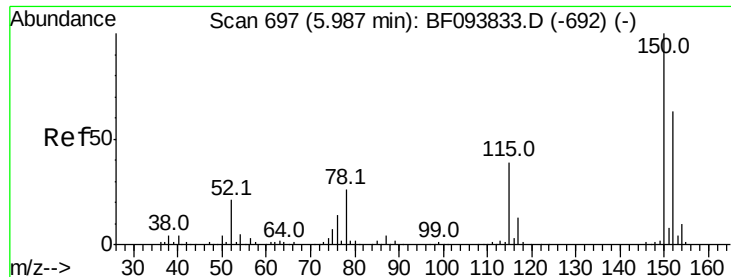
Instrument :
BNA_F
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E2-O12-ESW

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Quant Time: Mar 30 04:24:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

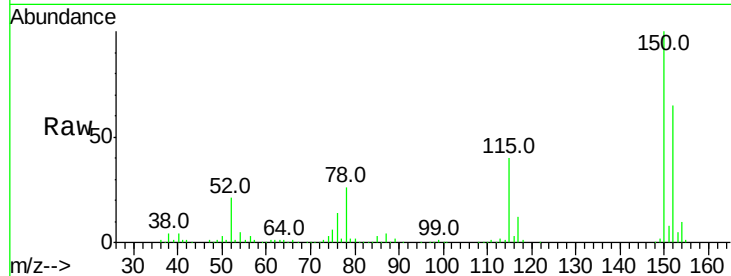
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094036.D
Acq: 29 Mar 2017 23:24

Instrument :
BNA_F
ClientSampleId :
E2-O12-ESW

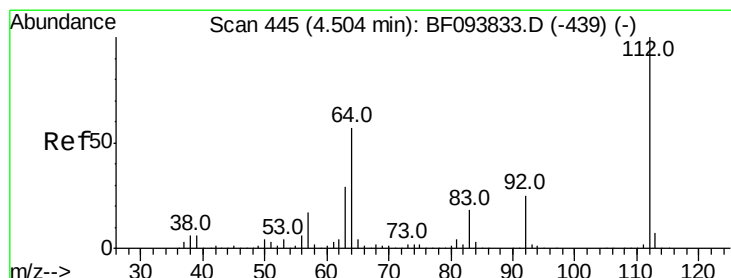
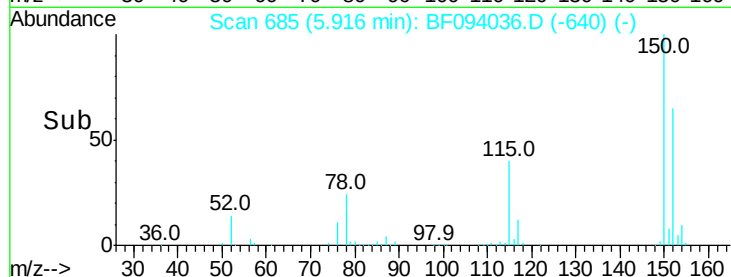
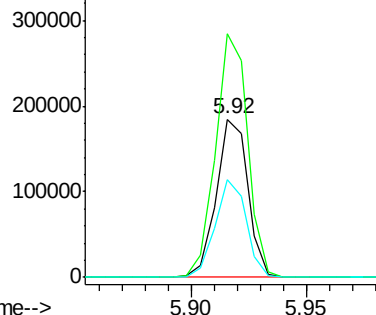
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	62.1	52.2	78.2

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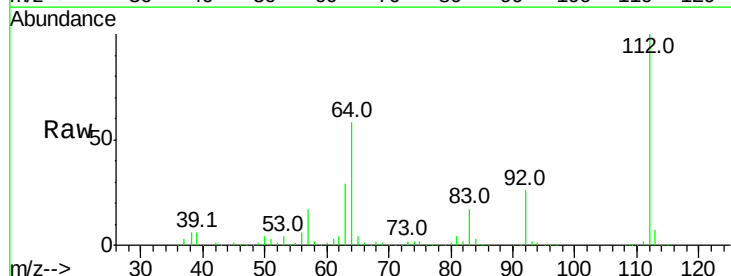
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



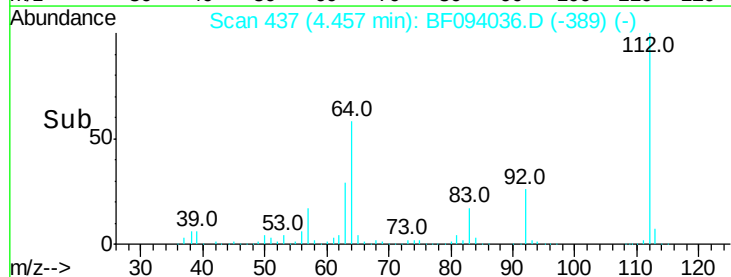
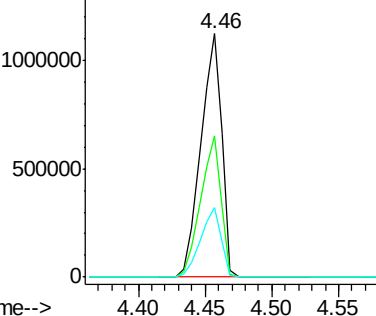
#5

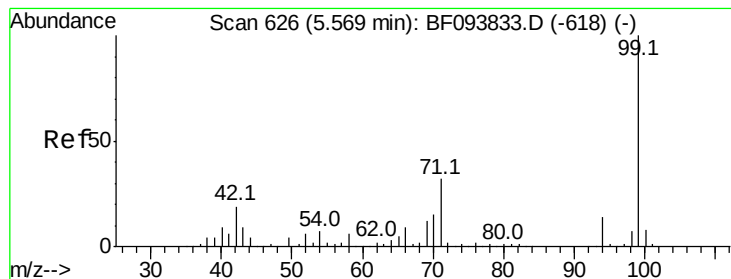
2-Fluorophenol
Concen: 117.96 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF094036.D
Acq: 29 Mar 2017 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.0	69.0
63	28.7	23.4	35.0



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: 127.38 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094036.D

Acq: 29 Mar 2017 23:24

Instrument :

BNA_F

ClientSampleId :

E2-O12-ESW

Tot Ion: 99 Resp: 1657097

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

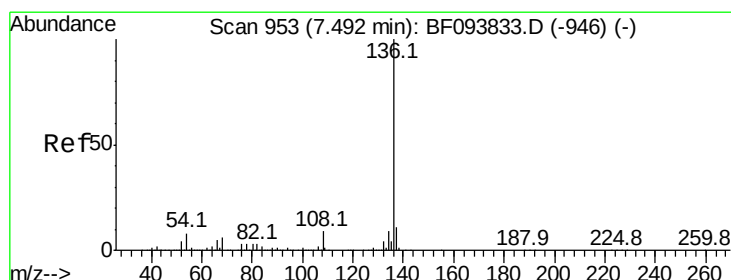
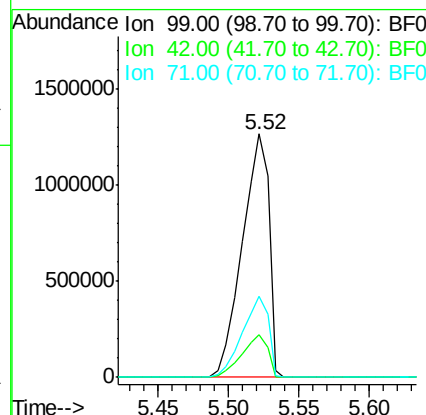
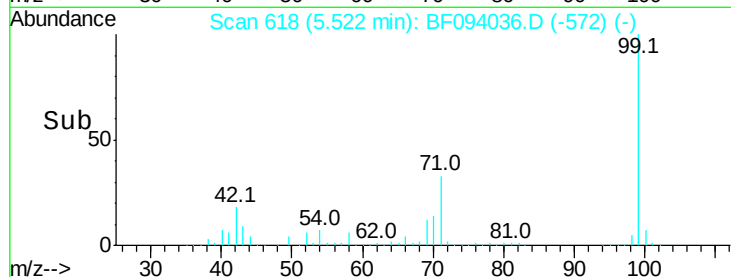
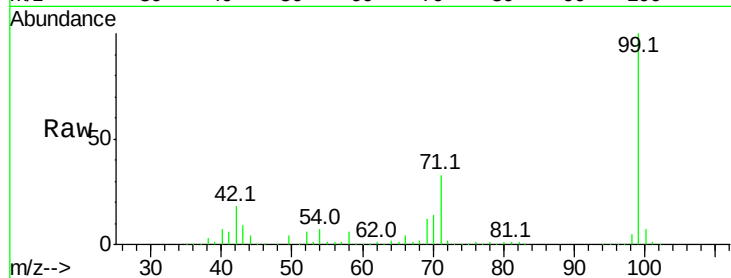
71 33.5 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094036.D

Acq: 29 Mar 2017 23:24

Tgt Ion: 136 Resp: 708516

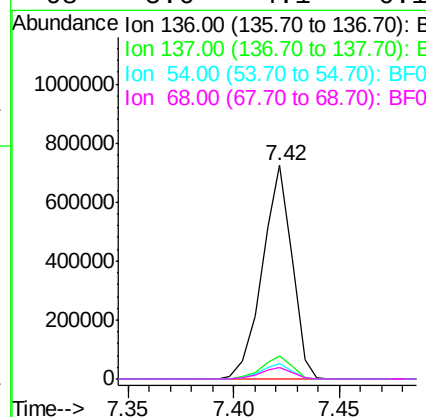
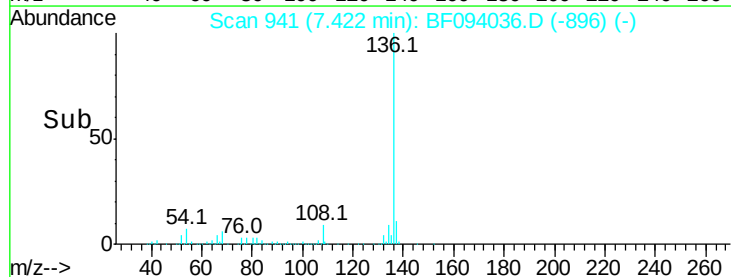
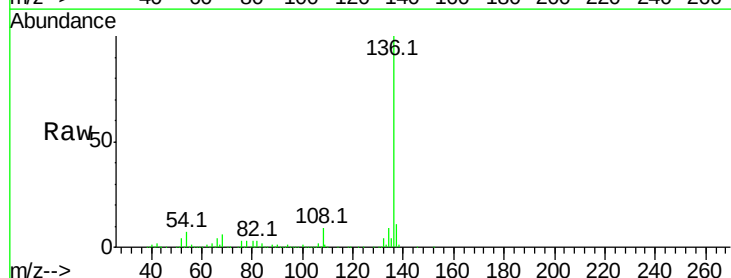
Ion Ratio Lower Upper

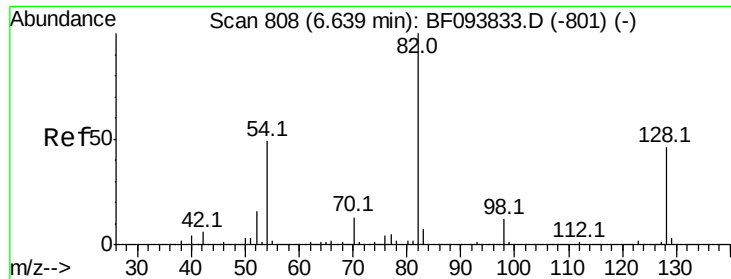
136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 5.6 4.1 6.1





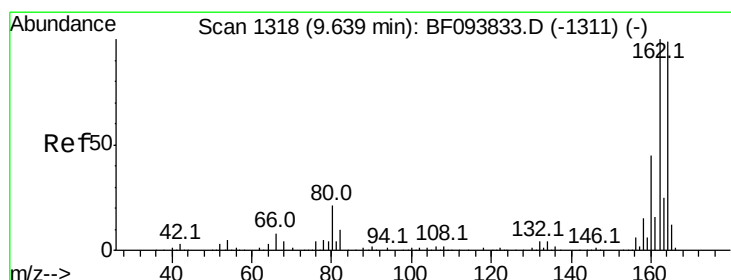
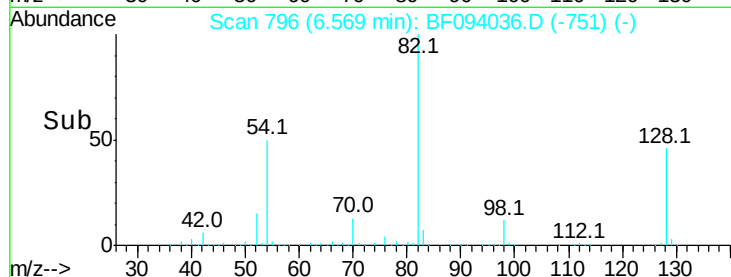
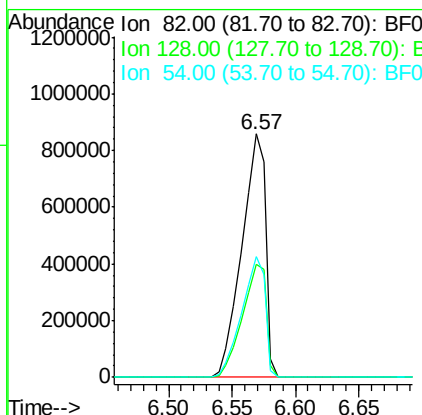
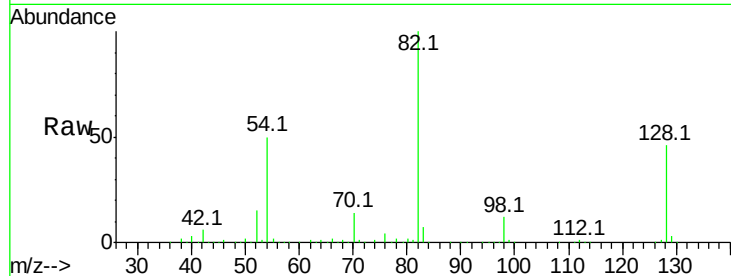
#23
 Nitrobenzene-d5
 Concen: 89.58 ng
 RT: 6.57 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF094036.D
 Acq: 29 Mar 2017 23:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-O12-ESW

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	49.6	42.2	63.2

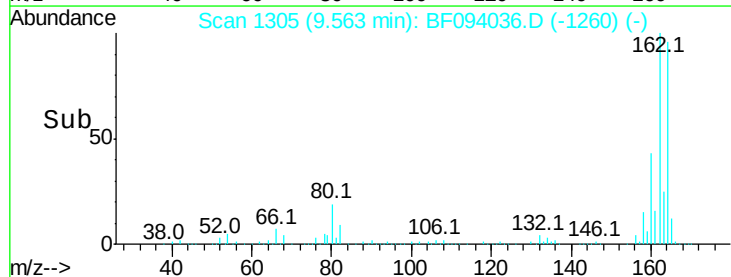
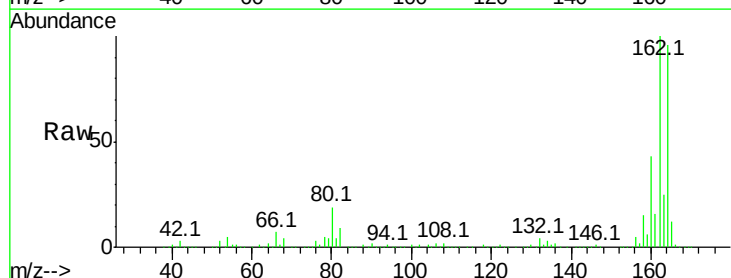
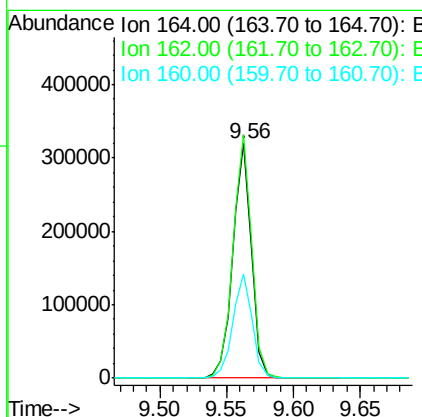
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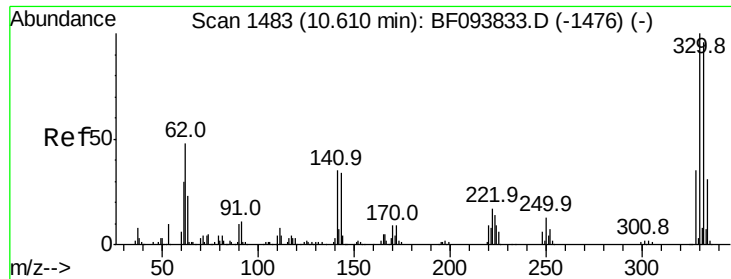
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094036.D
 Acq: 29 Mar 2017 23:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	44.4	36.2	54.2





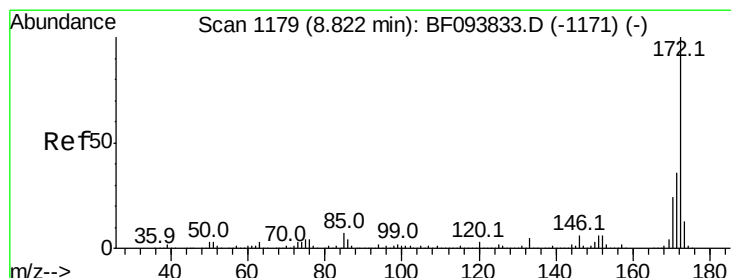
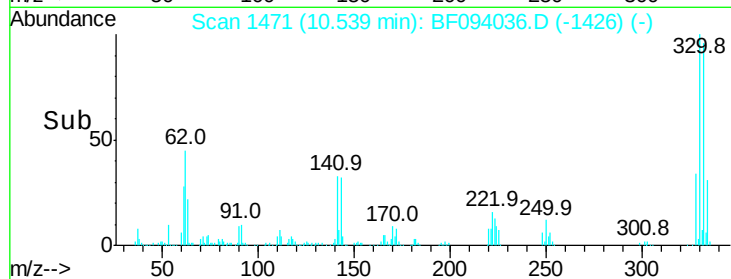
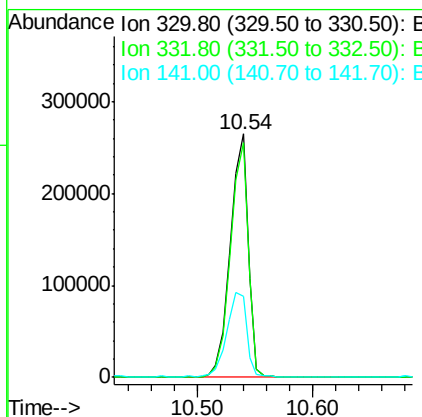
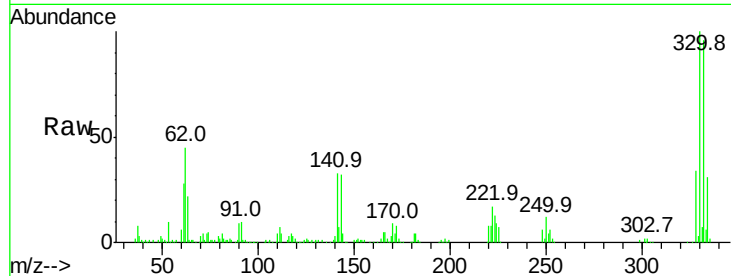
#41
 2,4,6-Tribromophenol
 Concen: 115.83 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094036.D
 Acq: 29 Mar 2017 23:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-O12-ESW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	286215		
332	96.5	76.6	115.0	
141	38.0	31.4	47.2	

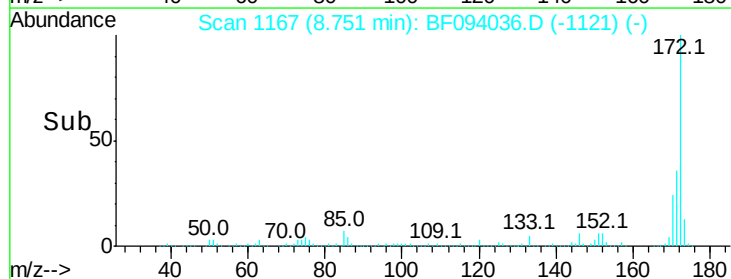
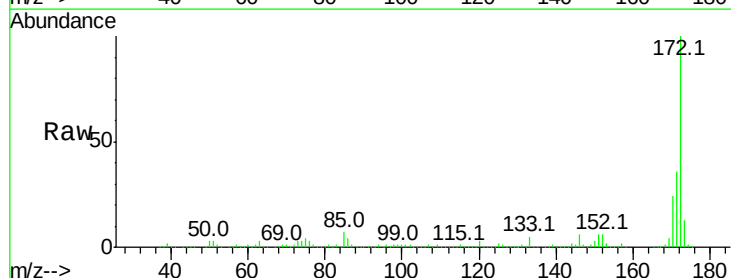
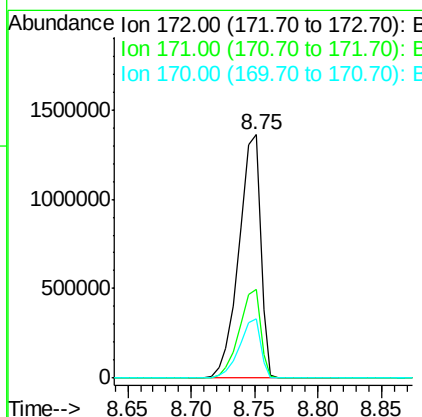
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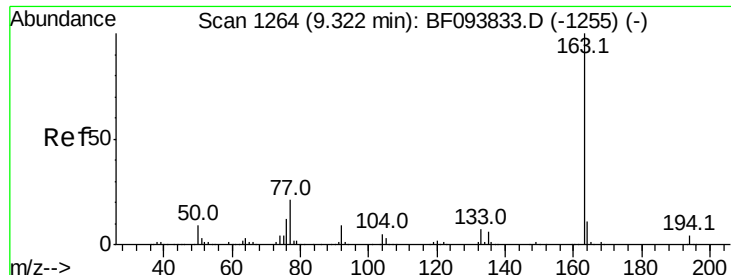
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#44
 2-Fluorobiphenyl
 Concen: 78.59 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF094036.D
 Acq: 29 Mar 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1611097		
171	36.5	29.6	44.4	
170	24.3	19.8	29.8	





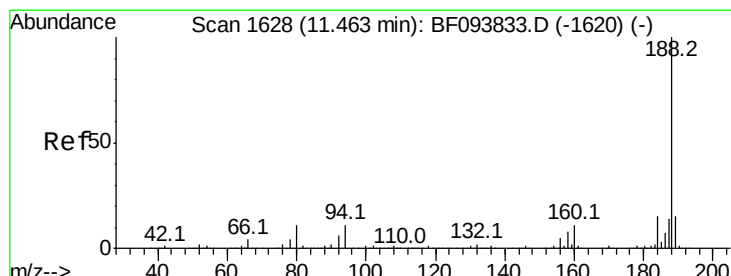
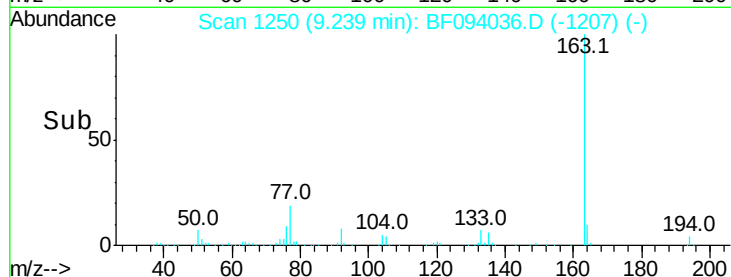
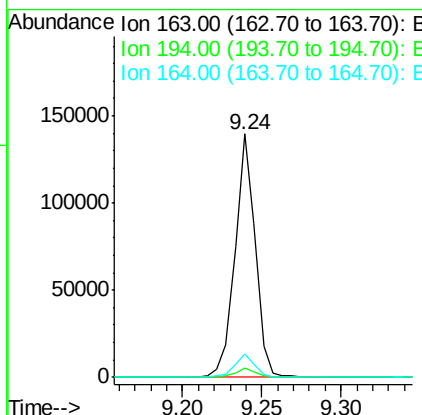
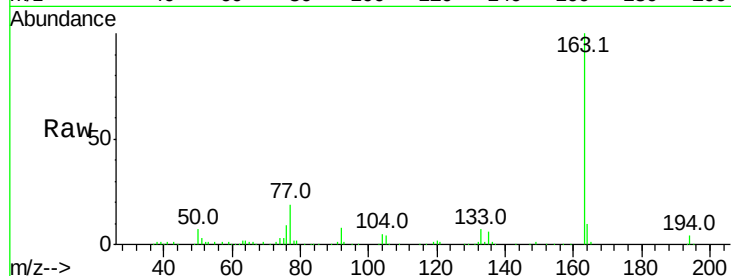
#49
Dimethylphthalate
Concen: 5.55 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.05 min
Lab File: BF094036.D
Acq: 29 Mar 2017 23:24

Instrument :
BNA_F
ClientSampleId :
E2-O12-ESW

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	2.6	4.0#
164	9.9	8.4	12.6

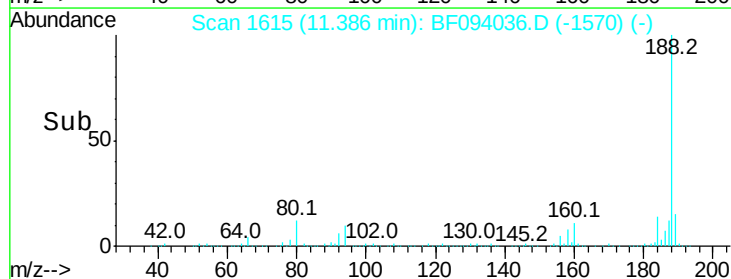
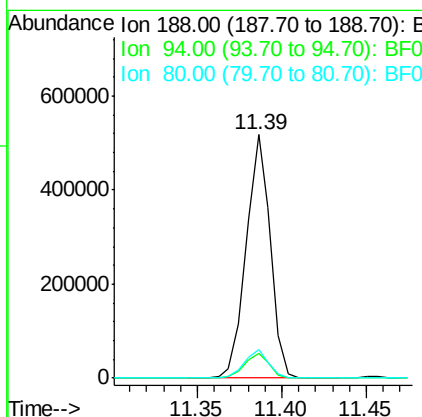
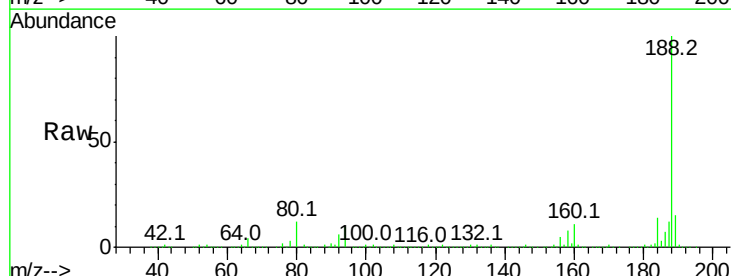
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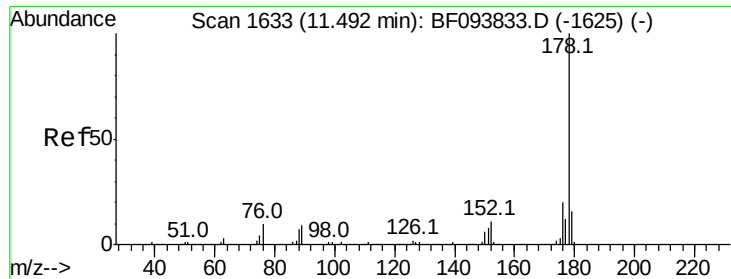
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094036.D
Acq: 29 Mar 2017 23:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	9.4	14.2
80	11.9	10.2	15.2





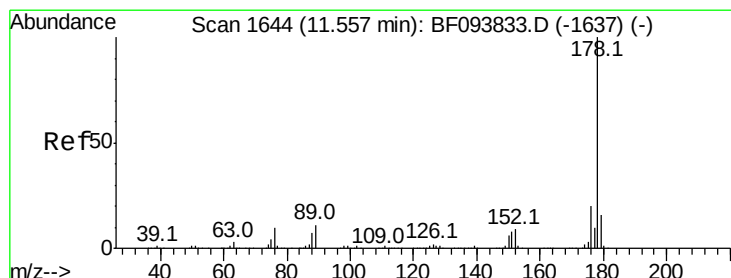
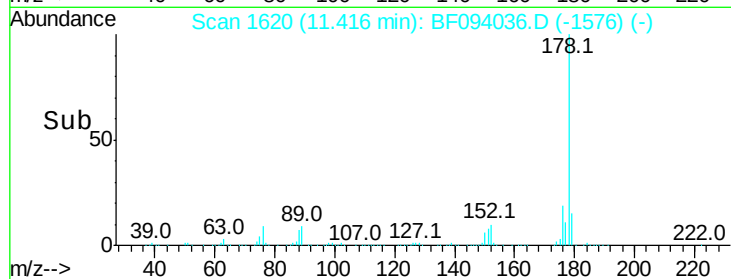
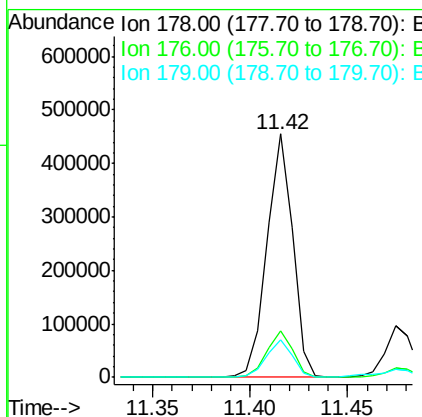
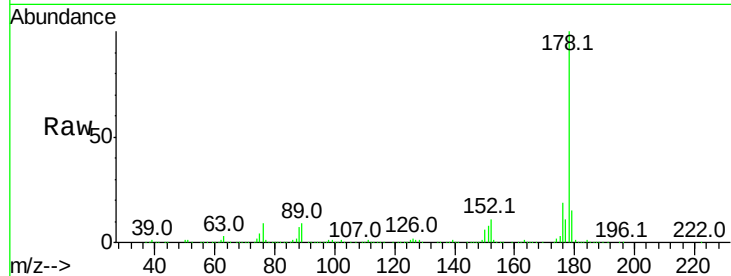
#70
Phenanthrene
Concen: 14.54 ng
RT: 11.42 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BF094036.D
Acq: 29 Mar 2017 23:24

Instrument :
BNA_F
ClientSampleId :
E2-O12-ESW

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.5	12.6	19.0

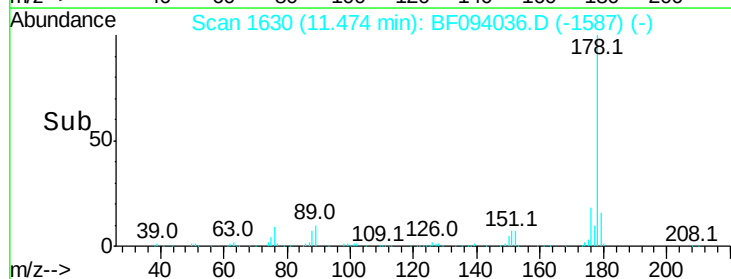
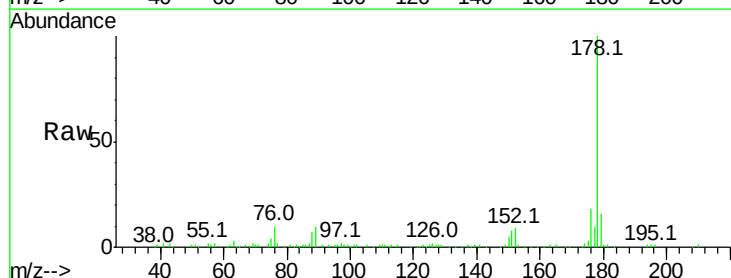
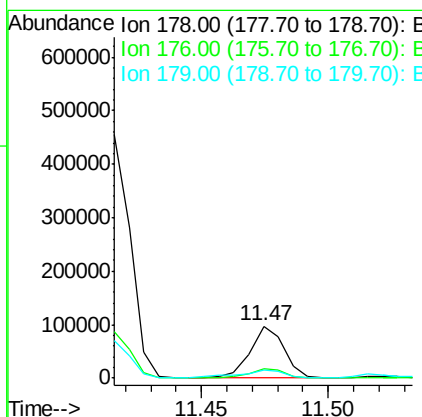
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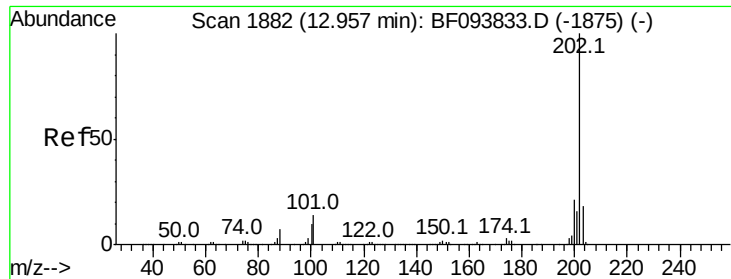
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#71
Anthracene
Concen: 3.01 ng
RT: 11.47 min Scan# 1630
Delta R.T. -0.05 min
Lab File: BF094036.D
Acq: 29 Mar 2017 23:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	16.5	12.7	19.1





#74

Fluoranthene

Concen: 19.36 ng

RT: 12.88 min Scan# 1869

Delta R.T. -0.04 min

Lab File: BF094036.D

Acq: 29 Mar 2017 23:24

Instrument :

BNA_F

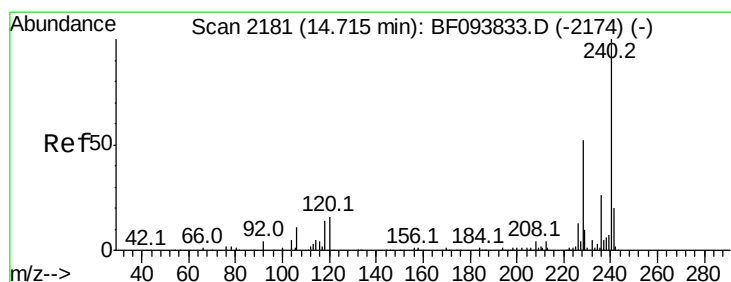
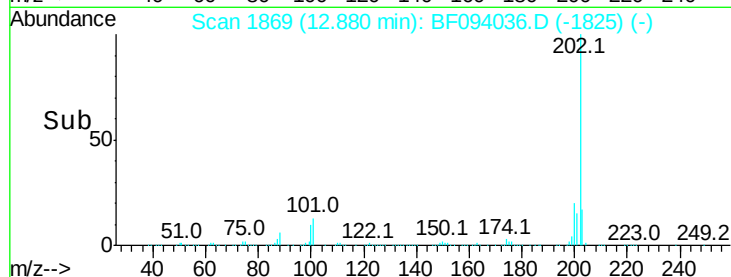
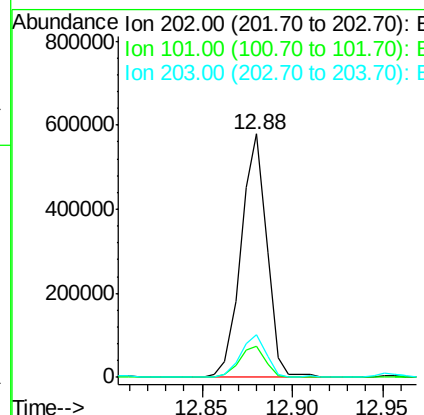
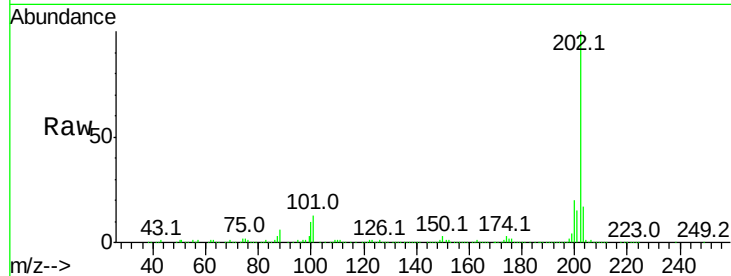
ClientSampleId :

E2-O12-ESW

Tot Ion	Ratio	Resp	Lower	Upper
202	100	570903		
101	12.7	0.0	33.2	
203	17.4	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

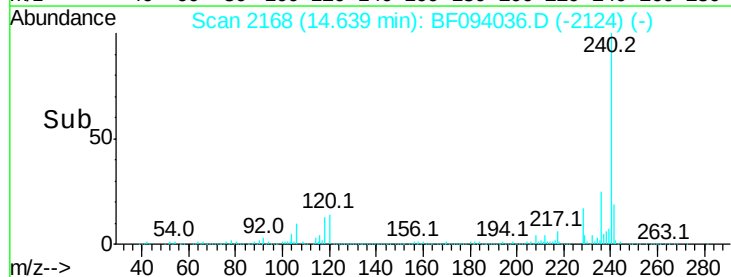
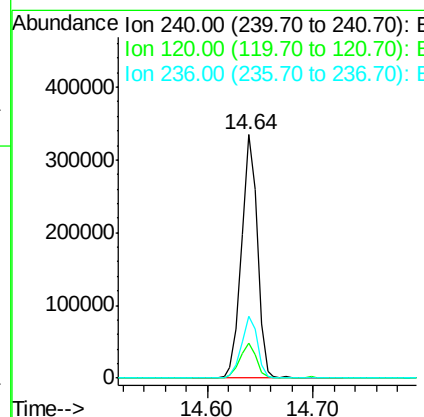
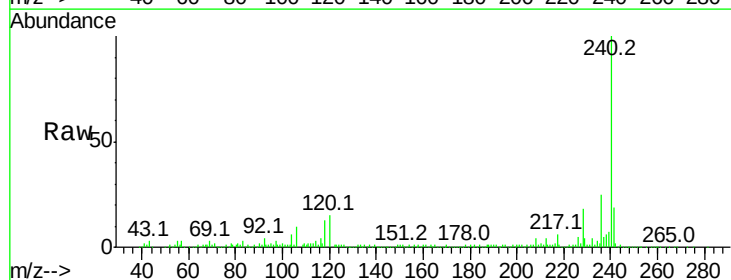
RT: 14.64 min Scan# 2168

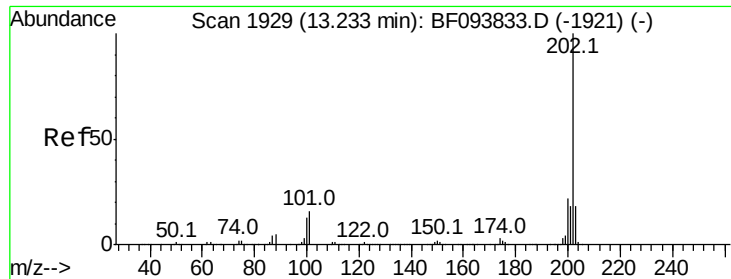
Delta R.T. -0.04 min

Lab File: BF094036.D

Acq: 29 Mar 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	341645		
120	14.5	5.8	8.8#	
236	25.3	20.5	30.7	





#77

Pvrene

Concen: 20.53 ng

RT: 13.16 min Scan# 1916

Delta R.T. -0.04 min

Lab File: BF094036.D

Acq: 29 Mar 2017 23:24

Instrument :

BNA_F

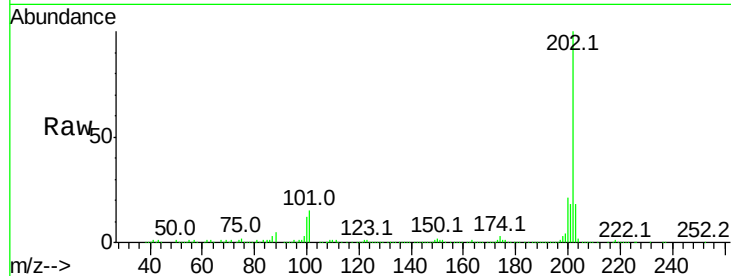
ClientSampleId :

E2-O12-ESW

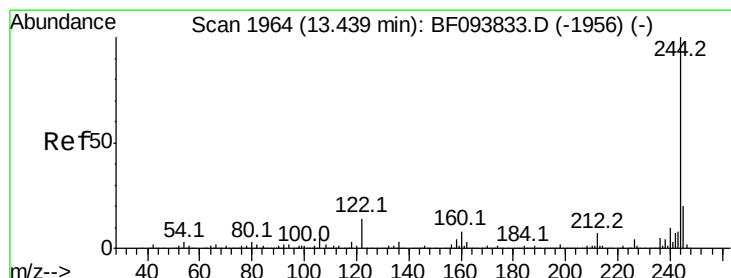
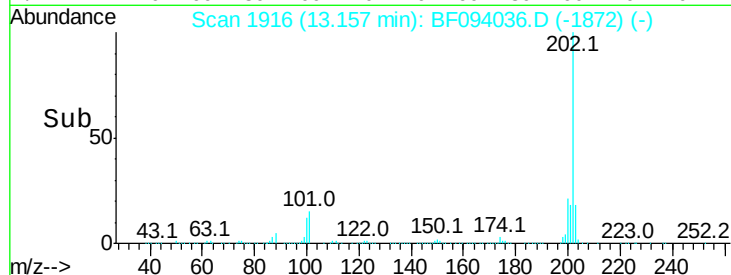
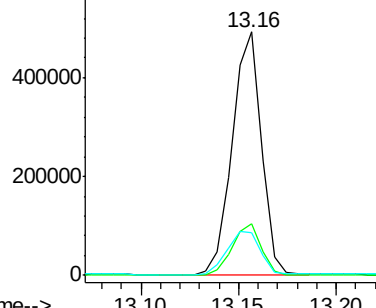
Tot Ion:	202	Resp:	509006
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.6	26.4
203	17.7	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.03 ng

RT: 13.37 min Scan# 1952

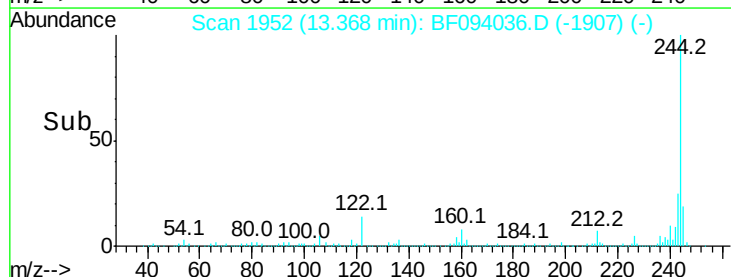
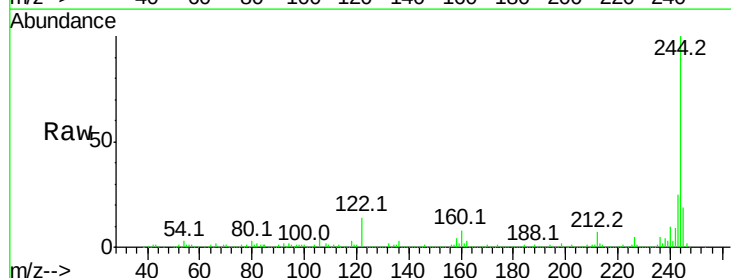
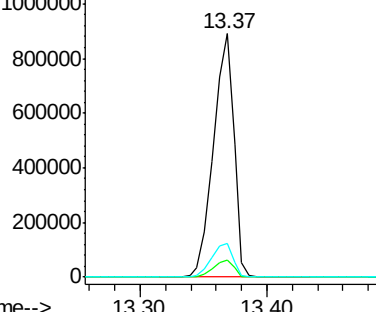
Delta R.T. -0.04 min

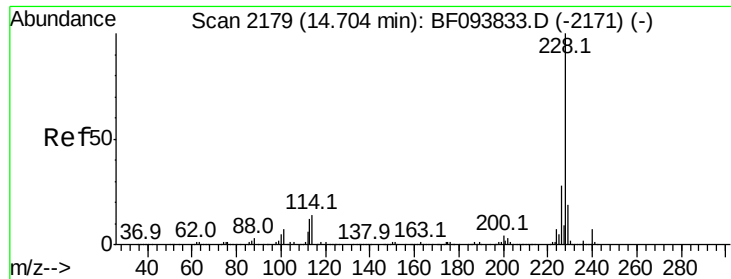
Lab File: BF094036.D

Acq: 29 Mar 2017 23:24

Tgt Ion:	244	Resp:	991134
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	13.8	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





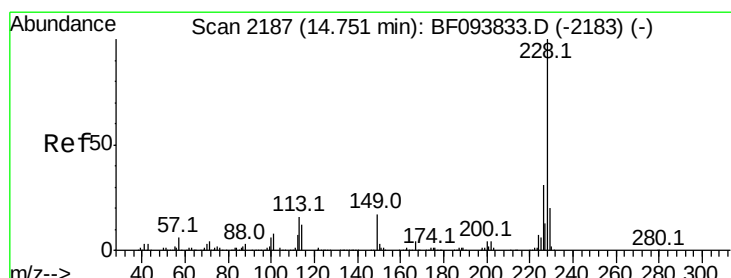
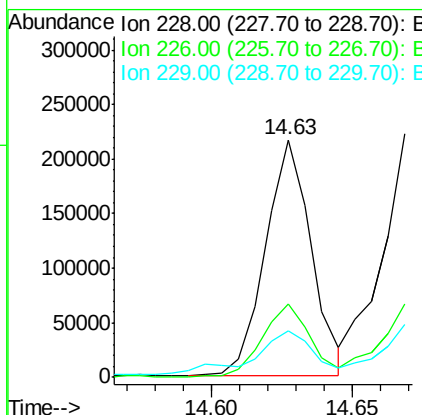
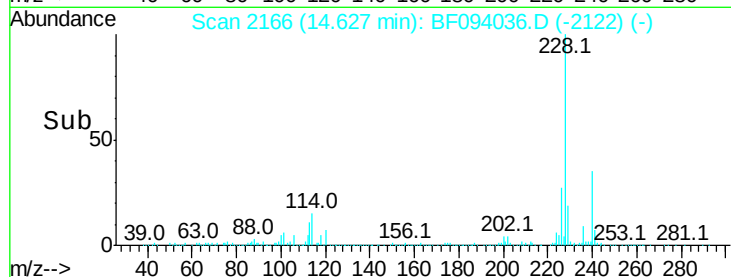
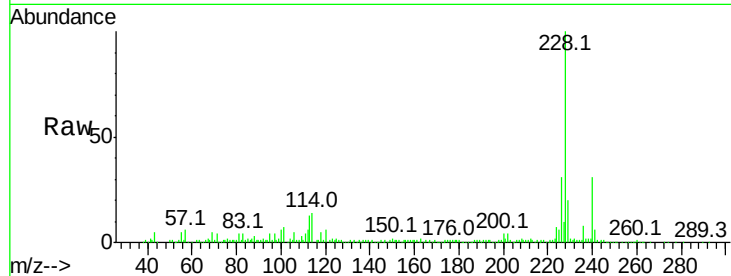
#80
Benzo(a)anthracene
Concen: 12.23 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.04 min
Lab File: BF094036.D
Acq: 29 Mar 2017 23:24

Instrument :
BNA_F
ClientSampleId :
E2-O12-ESW

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	19.5	16.3	24.5

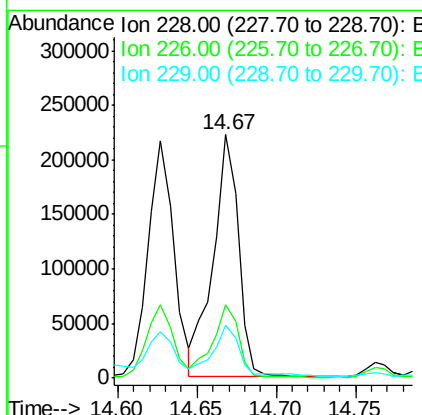
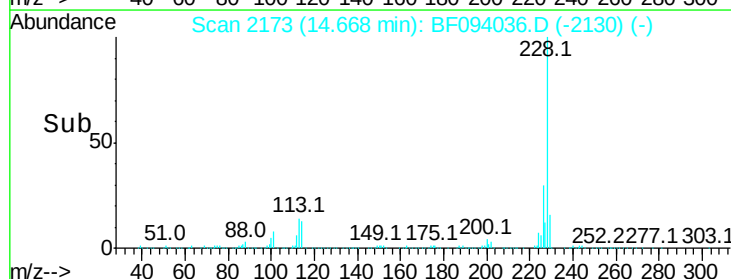
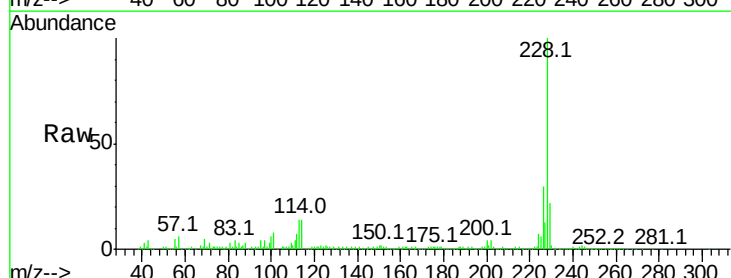
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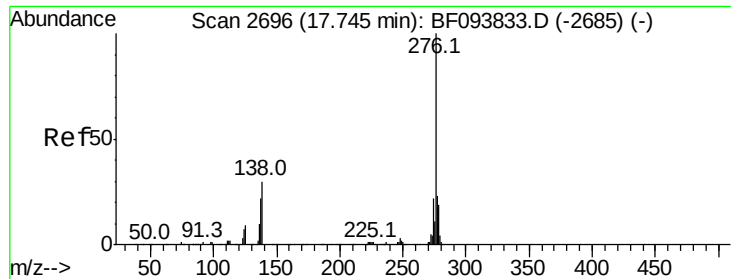
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#82
Chrysene
Concen: 13.44 ng
RT: 14.67 min Scan# 2173
Delta R.T. -0.05 min
Lab File: BF094036.D
Acq: 29 Mar 2017 23:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.5	15.8	23.6





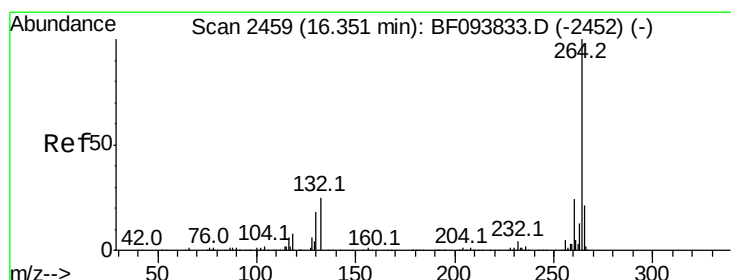
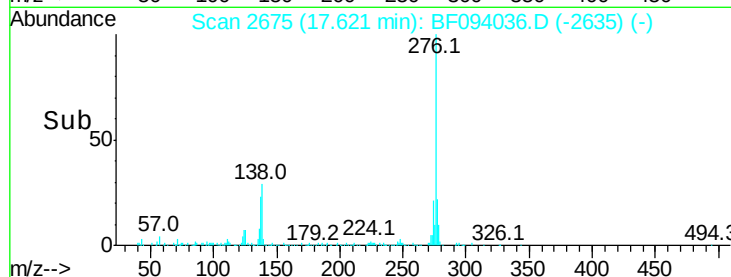
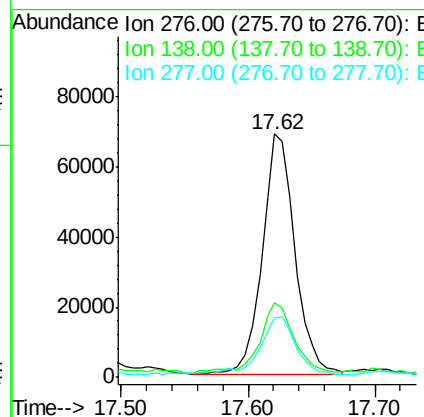
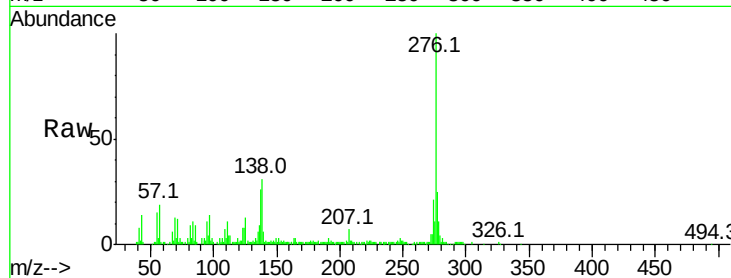
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.71 ng
 RT: 17.62 min Scan# 2675
 Delta R.T. -0.06 min
 Lab File: BF094036.D
 Acq: 29 Mar 2017 23:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-O12-ESW

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	27.8	41.6
277	26.2	20.2	30.4

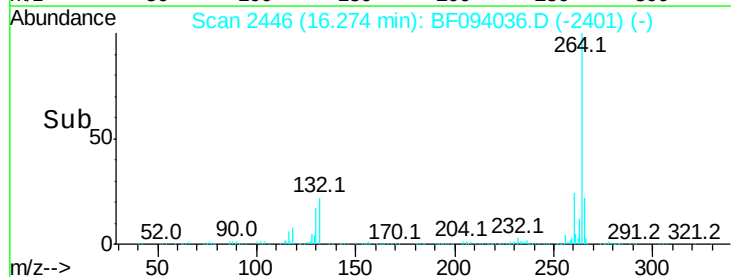
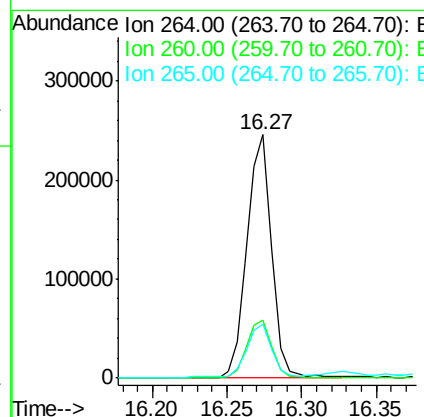
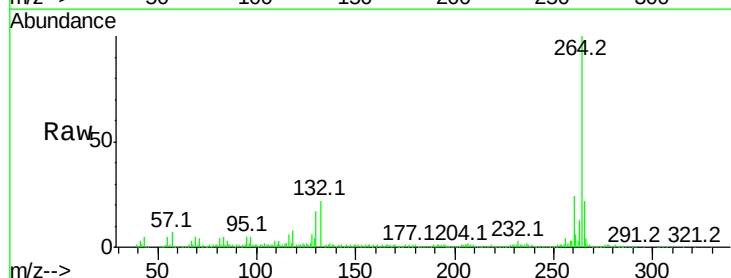
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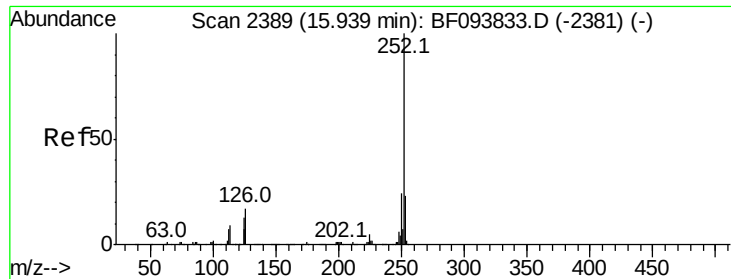
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094036.D
 Acq: 29 Mar 2017 23:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 16.73 ng m

RT: 15.86 min Scan# 2376

Delta R.T. -0.04 min

Lab File: BF094036.D

Acq: 29 Mar 2017 23:24

Instrument :

BNA_F

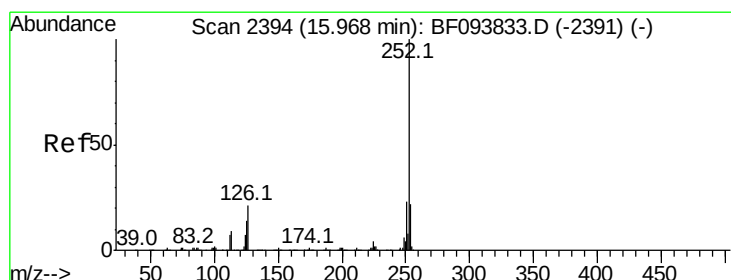
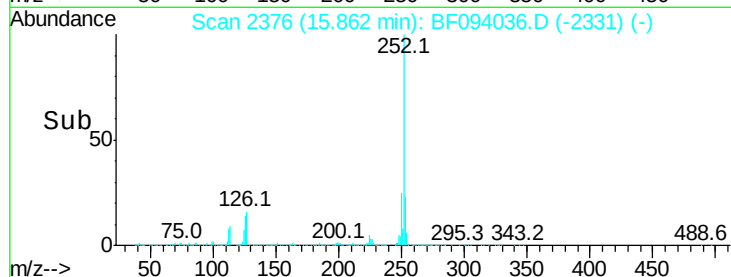
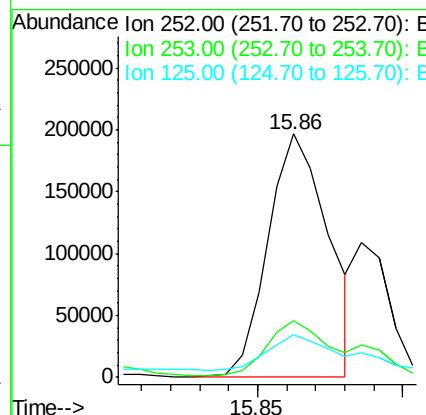
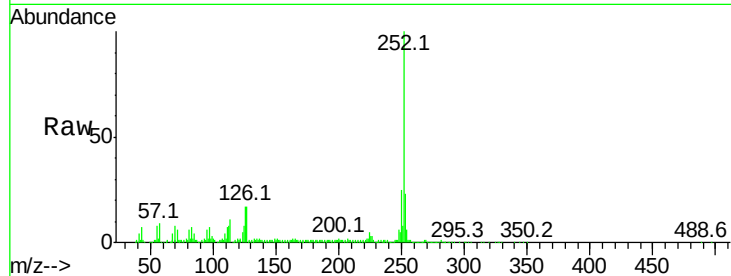
ClientSampleId :

E2-O12-ESW

Tot Ion:	252	Resp:	285454
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.1	27.1
125	17.4	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 5.70 ng m

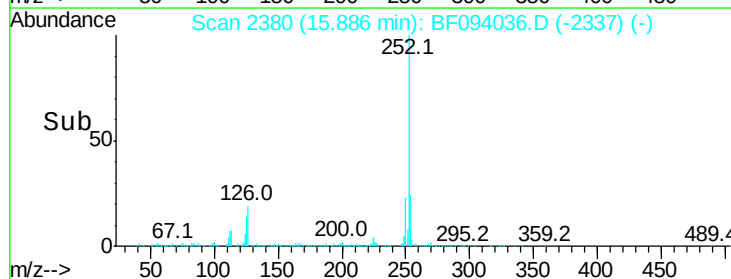
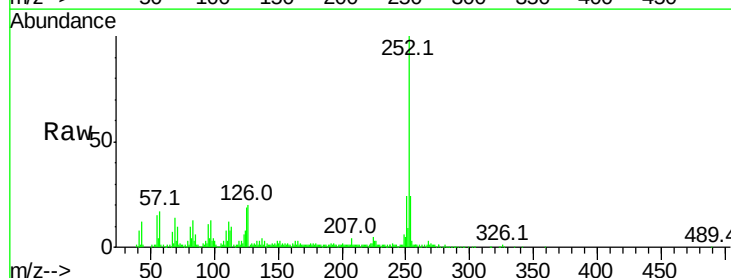
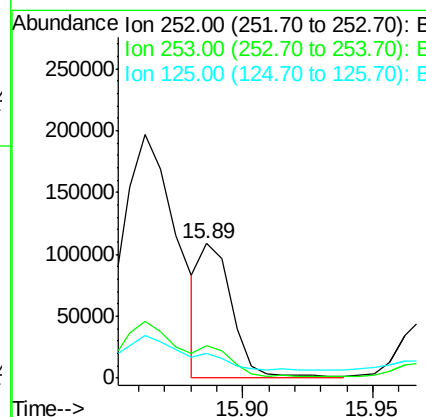
RT: 15.89 min Scan# 2380

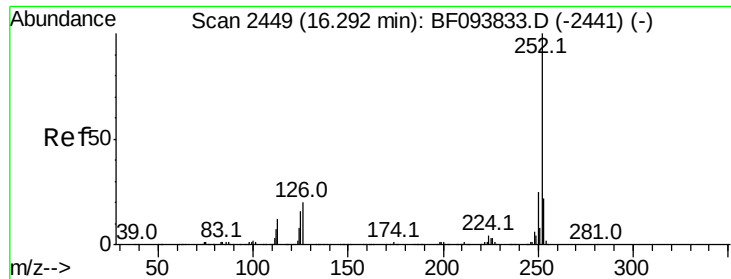
Delta R.T. -0.05 min

Lab File: BF094036.D

Acq: 29 Mar 2017 23:24

Tgt Ion:	252	Resp:	95178
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.4	27.6
125	18.8	13.1	19.7





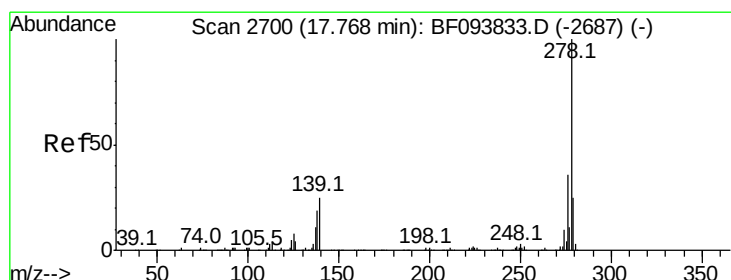
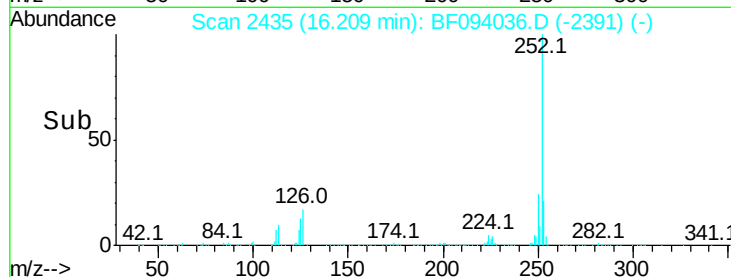
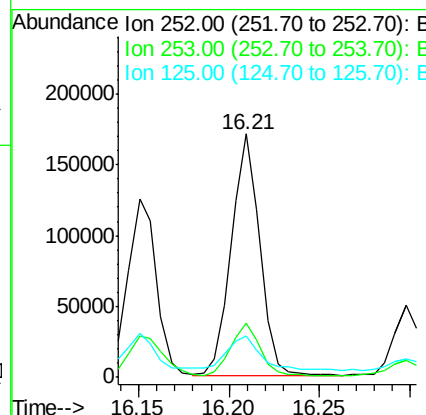
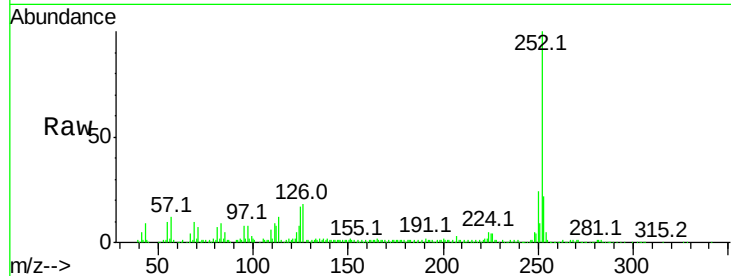
#89
Benzo(a)pyrene
Concen: 11.82 ng
RT: 16.21 min Scan# 2435
Delta R.T. -0.04 min
Lab File: BF094036.D
Acq: 29 Mar 2017 23:24

Instrument :
BNA_F
ClientSampleId :
E2-O12-ESW

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	17.1	11.0	16.4

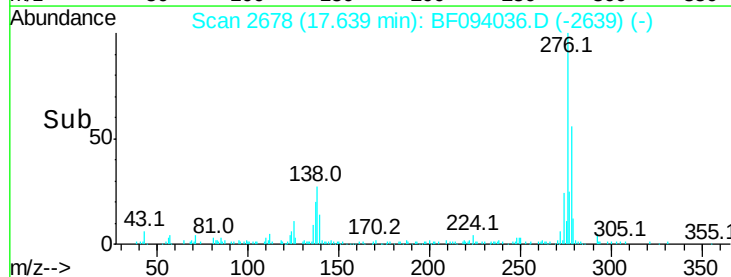
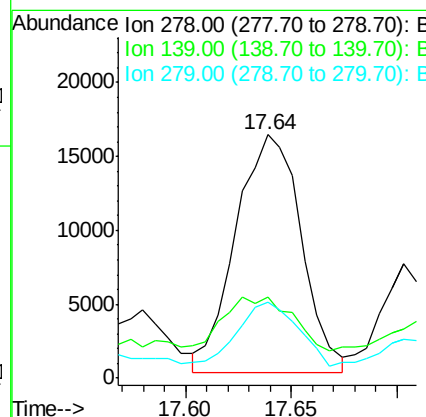
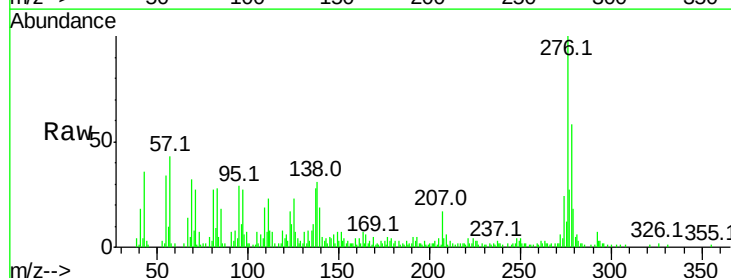
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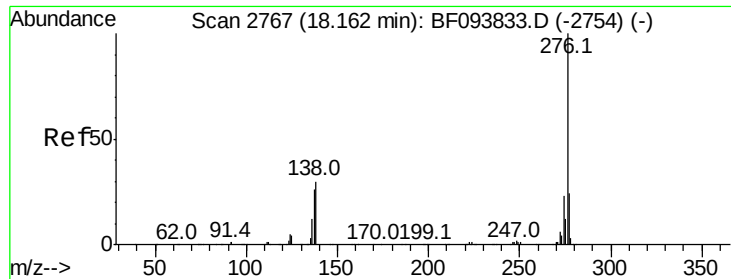
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#90
Dibenzo(a,h)anthracene
Concen: 2.60 ng
RT: 17.64 min Scan# 2678
Delta R.T. -0.07 min
Lab File: BF094036.D
Acq: 29 Mar 2017 23:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.4	16.6	24.8
279	31.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 8.82 ng
 RT: 18.02 min Scan# 2743
 Delta R.T. -0.08 min
 Lab File: BF094036.D
 Acq: 29 Mar 2017 23:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-O12-ESW

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	29.5	25.4	38.0

Manual Integrations
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