

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094621.D
 Acq On : 25 Apr 2017 22:26
 Operator : SJ/MA
 Sample : I2811-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-C

Manual Integrations
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Quant Time: Apr 26 12:51:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	133494	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	504400	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	199183	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	317852	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	261811	20.00	ng	-0.01
86) Perylene-d12	16.09	264	176008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1098602	136.53	ng	0.00
7) Phenol-d6	5.39	99	1379501	145.43	ng	0.00
23) Nitrobenzene-d5	6.41	82	819721	100.35	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	205032	131.60	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1328390	98.13	ng	-0.01
78) Terphenyl-d14	13.19	244	928813	94.83	ng	0.00
Target Compounds						
10) Phenol	5.40	94	86636	7.43	ng	Qvalue 95
49) Dimethylphthalate	9.07	163	135850	9.15	ng	97
70) Phenanthrene	11.23	178	94485	5.28	ng	96
74) Fluoranthene	12.70	202	151964	8.19	ng	98
77) Pyrene	12.97	202	138593	7.58	ng	98
80) Benzo(a)anthracene	14.44	228	60258	3.96	ng	92
82) Chrysene	14.48	228	64013m	4.60	ng	
83) Bis(2-ethylhexyl)phthalate	14.51	149	25510	2.37	ng	# 90
87) Benzo(b)fluoranthene	15.69	252	65347m	6.07	ng	
88) Benzo(k)fluoranthene	15.71	252	26282m	2.58	ng	
89) Benzo(a)pyrene	16.03	252	44480	4.44	ng	# 83
91) Benzo(a,h,i)perylene	17.74	276	25886	3.06	ng	92

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

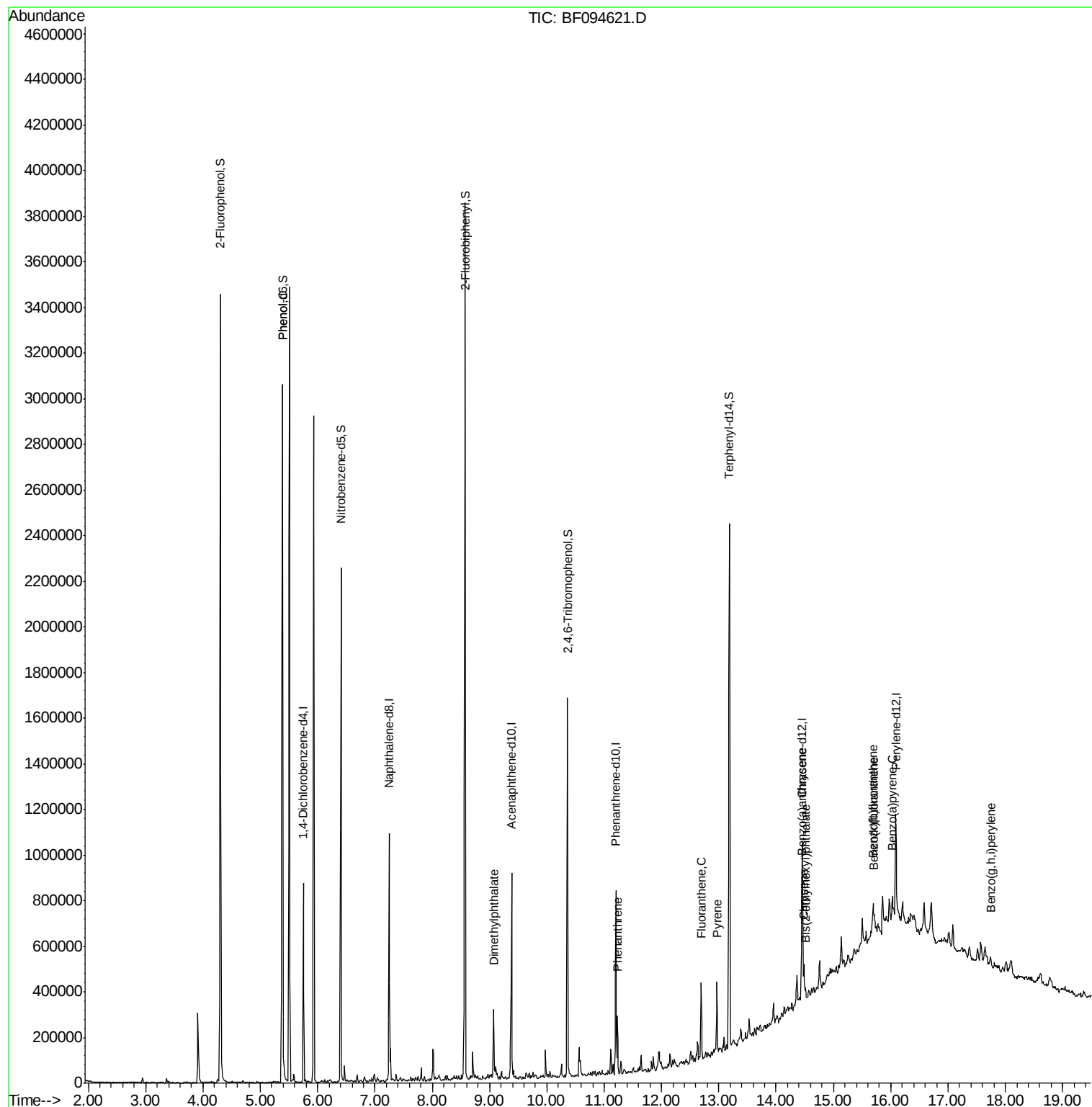
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094621.D
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Operator : SJ/MA
Sample : I2811-05
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ALS Vial : 26 Sample Multiplier: 1

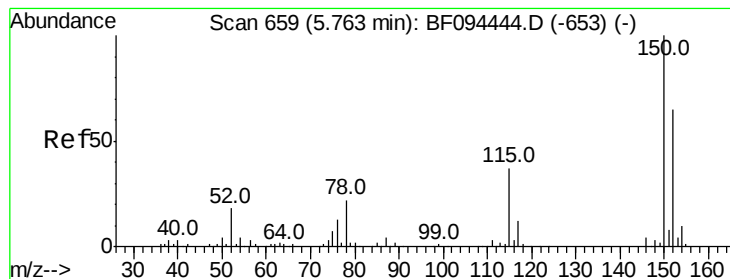
Instrument :
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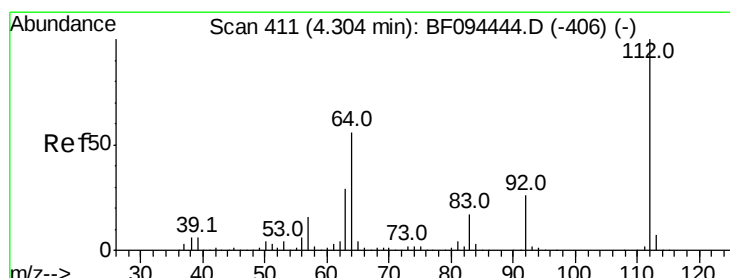
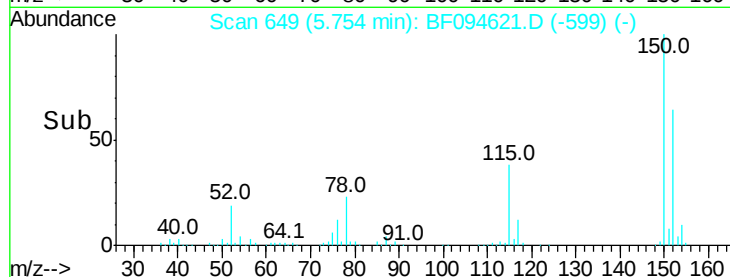
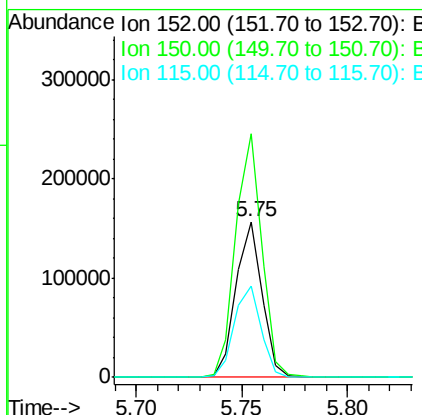
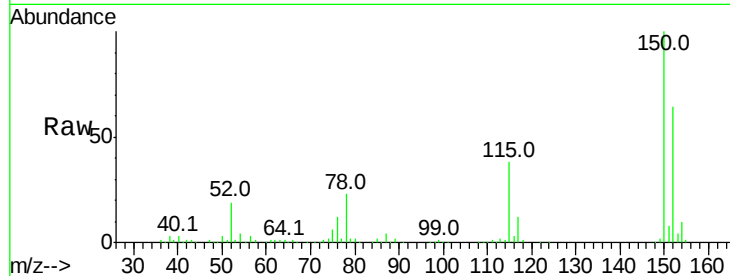
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.75 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF094621.D
 Acq: 25 Apr 2017 22:26

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	58.9	52.2	78.2

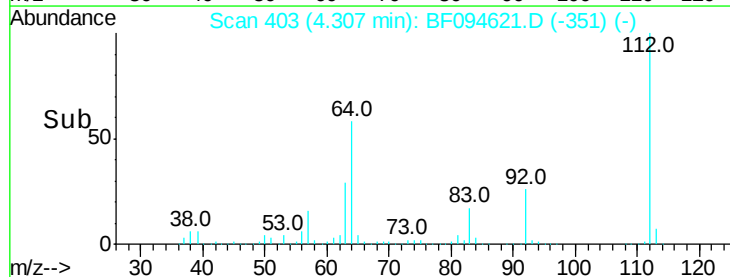
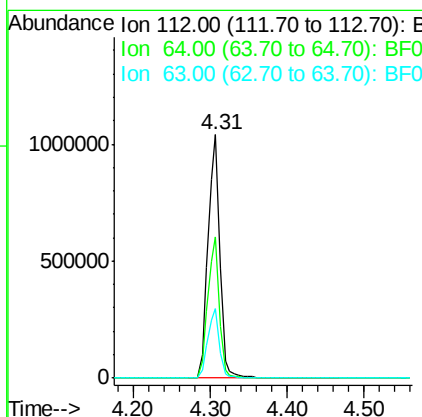
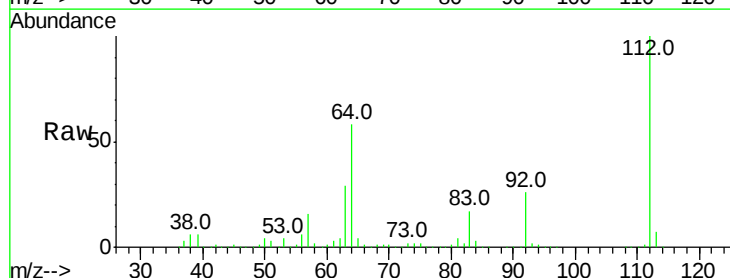
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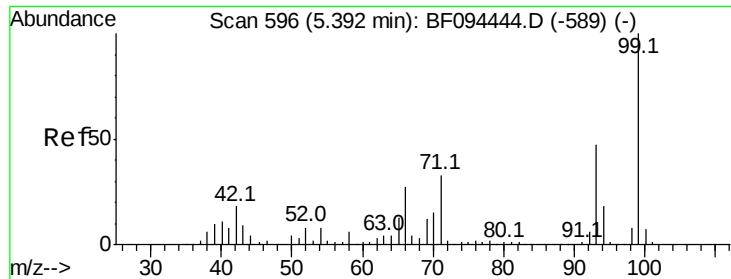
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#5
 2-Fluorophenol
 Concen: 136.53 ng
 RT: 4.31 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: BF094621.D
 Acq: 25 Apr 2017 22:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.0	69.0
63	28.5	23.4	35.0





#7

Phenol-d6

Concen: 145.43 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094621.D

Acq: 25 Apr 2017 22:26

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-C

Tot Ion: 99 Resp: 1379501

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

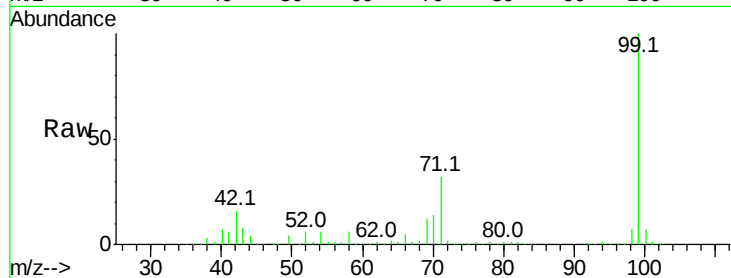
71 32.4 24.5 36.7

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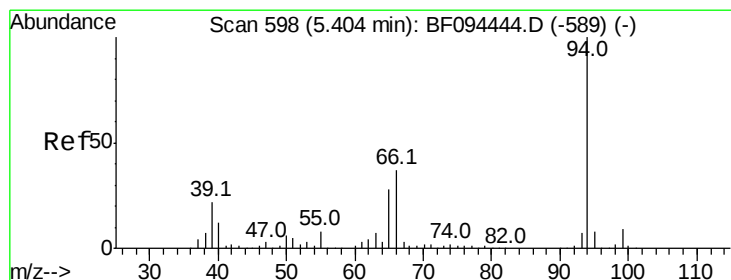
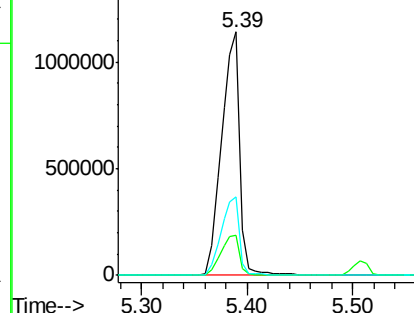
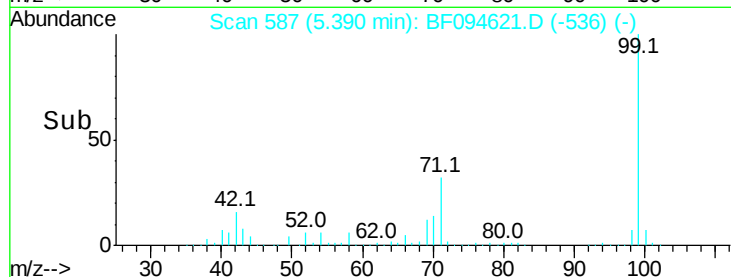
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.43 ng

RT: 5.40 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF094621.D

Acq: 25 Apr 2017 22:26

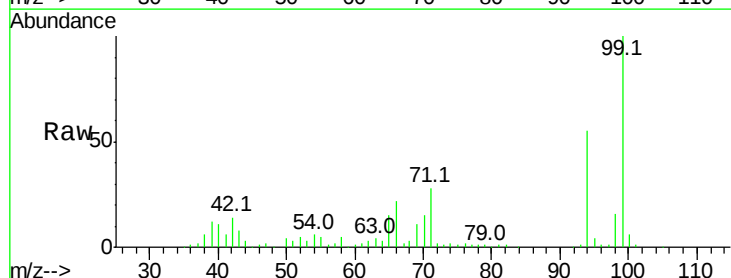
Tgt Ion: 94 Resp: 86636

Ion Ratio Lower Upper

94 100

65 27.4 9.9 49.9

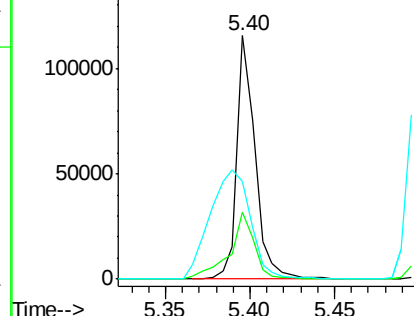
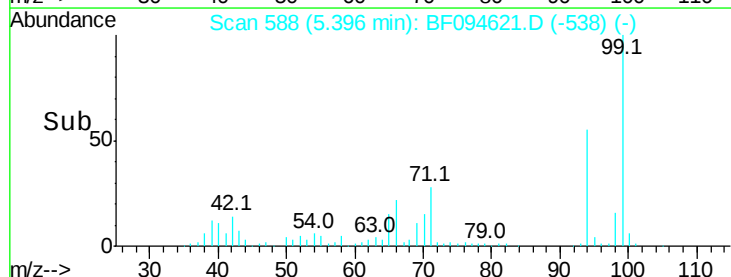
66 39.9 23.1 63.1

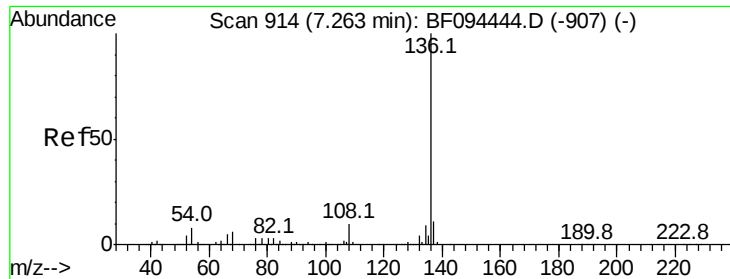


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





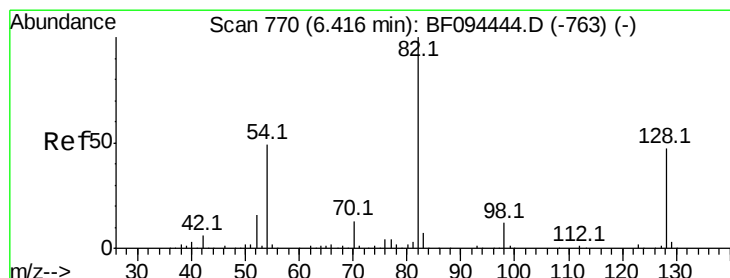
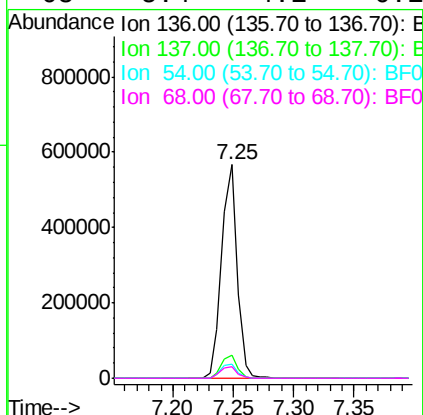
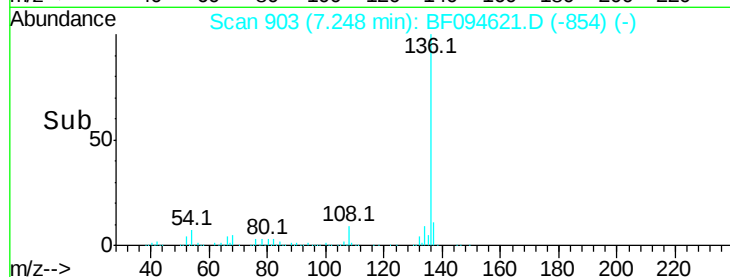
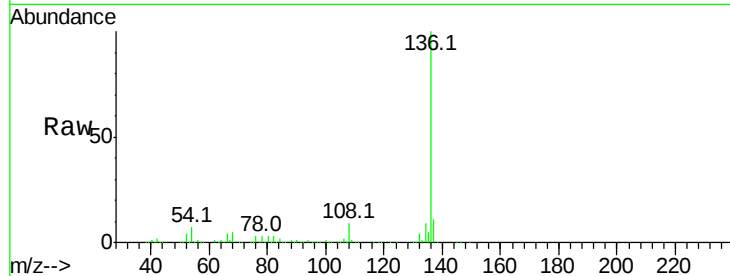
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tot Ion	Ratio	Resp	Lower	Upper
136	100	504400		
137	10.8		8.5	12.7
54	6.8		4.9	7.3
68	5.4		4.1	6.1

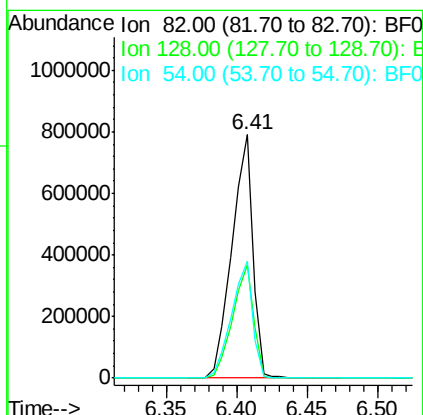
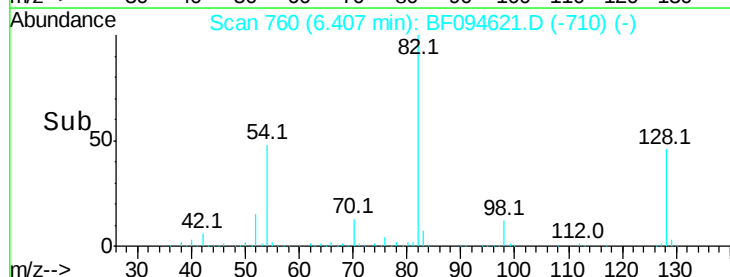
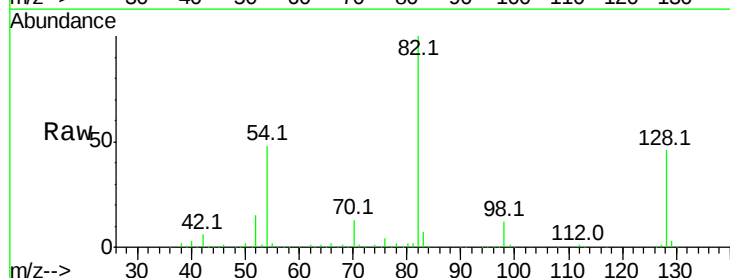
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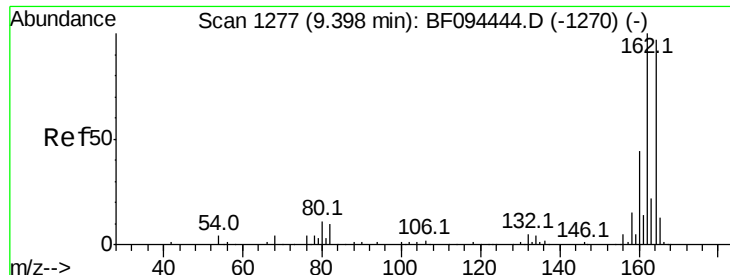
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#23
Nitrobenzene-d5
Concen: 100.35 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	819721		
128	46.4		34.0	51.0
54	48.2		42.2	63.2





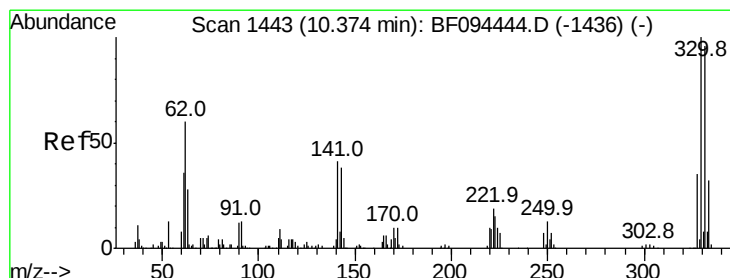
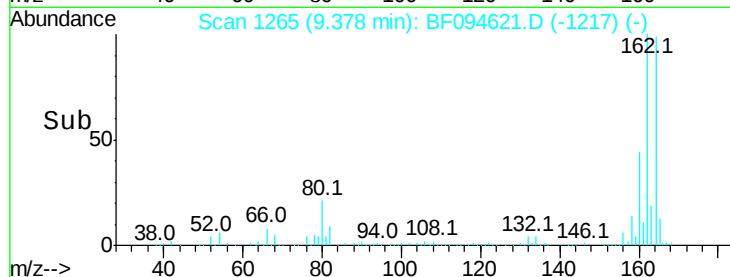
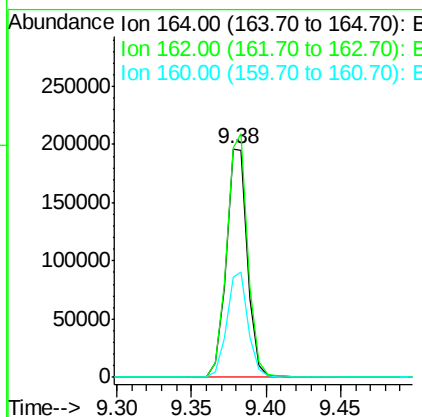
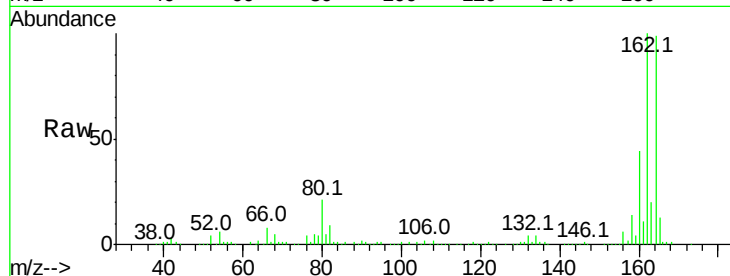
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tot Ion	Ratio	Resp	Lower	Upper
164	100	199183		
162	100.7	82.6	123.8	
160	44.1	36.2	54.2	

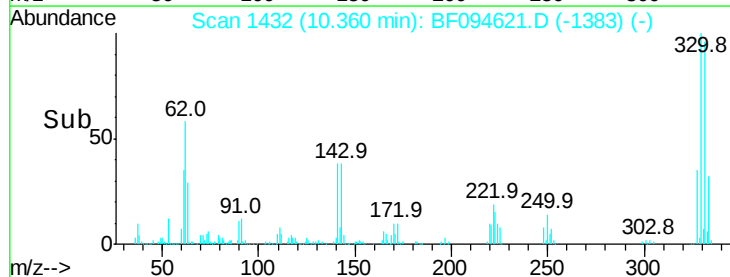
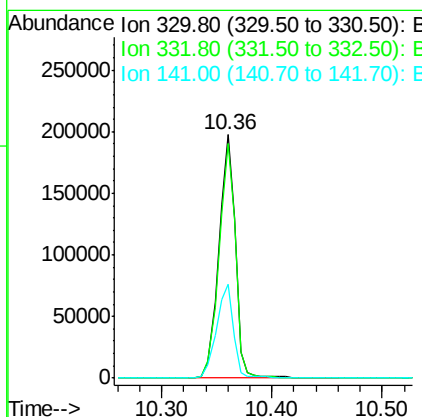
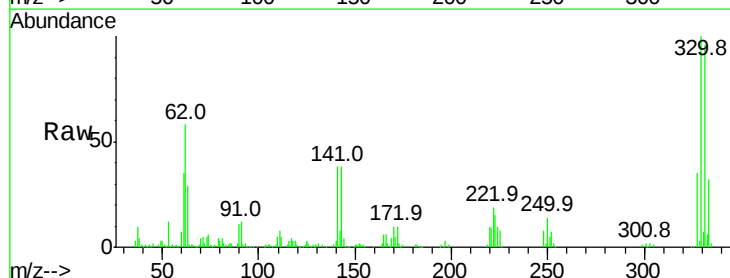
Manual Integrations
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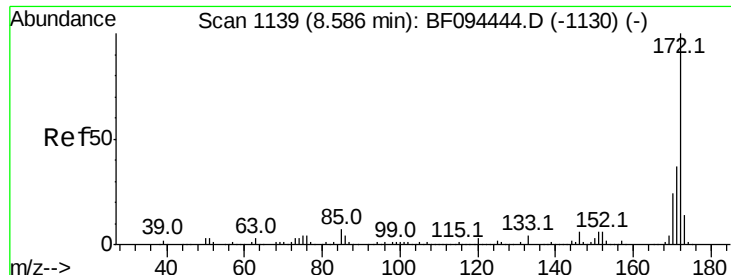
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#41
2,4,6-Tribromophenol
Concen: 131.60 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	205032		
332	96.4	76.6	115.0	
141	40.4	31.4	47.2	





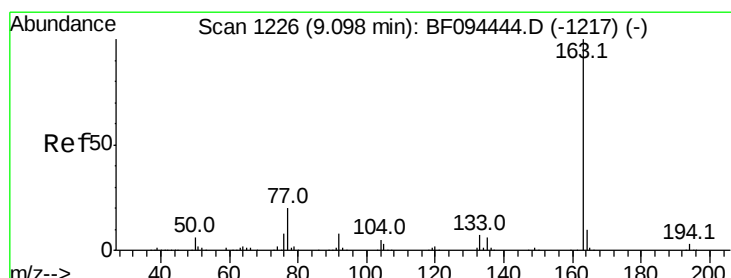
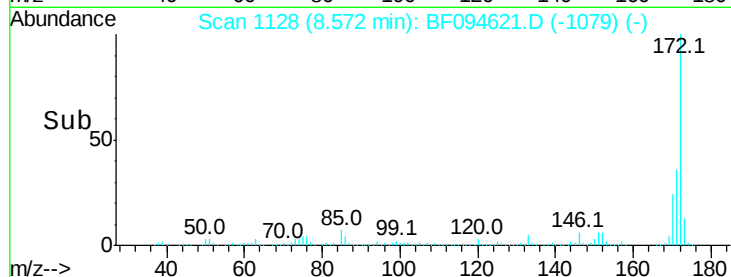
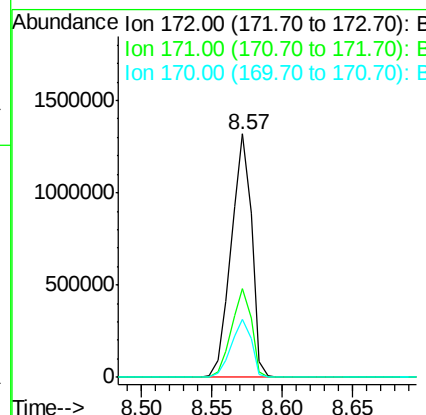
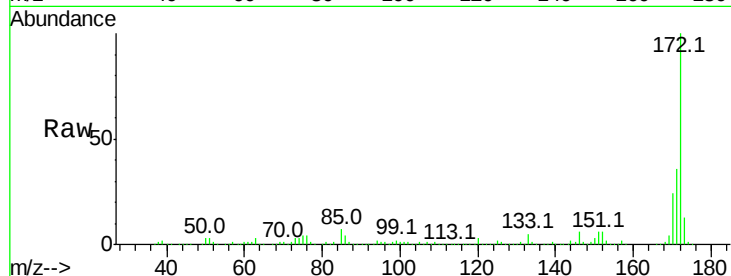
#44
2-Fluorobiphenyl
Concen: 98.13 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.7	19.8	29.8

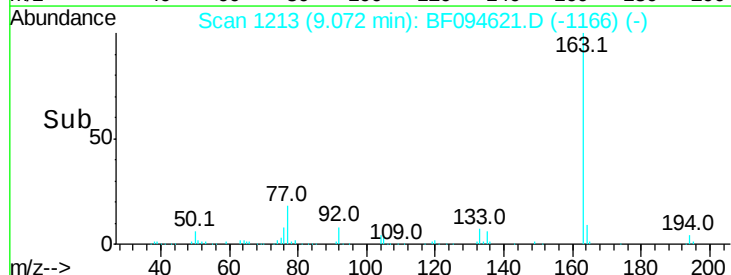
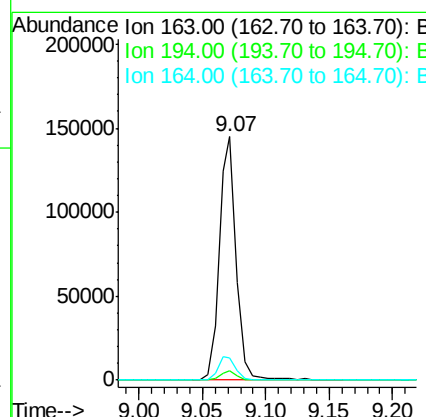
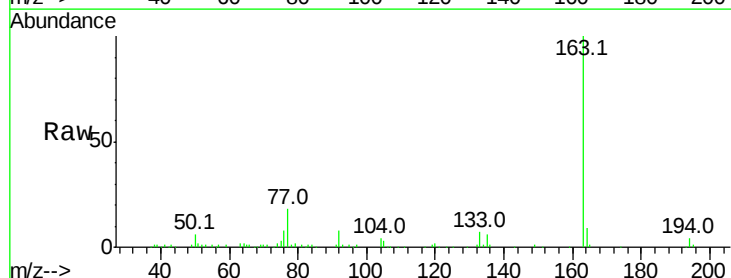
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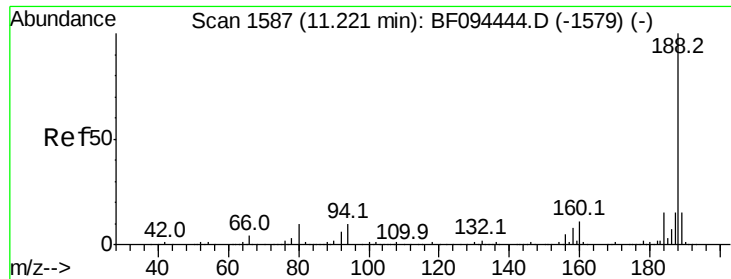
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#49
Dimethylphthalate
Concen: 9.15 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.3	8.4	12.6





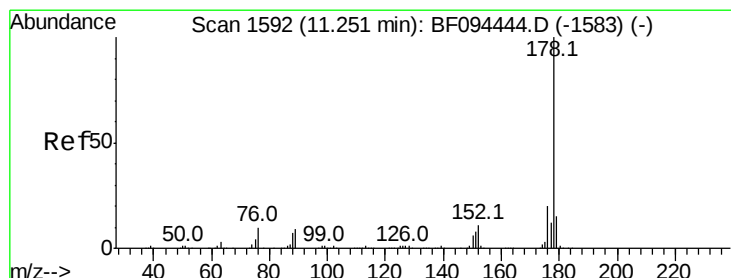
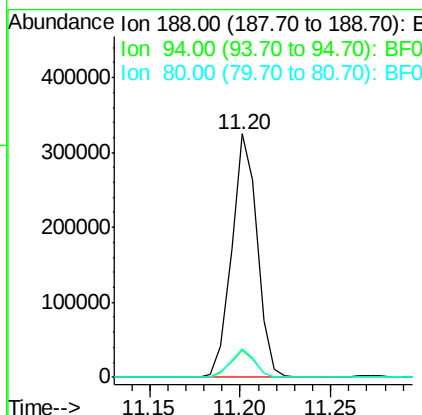
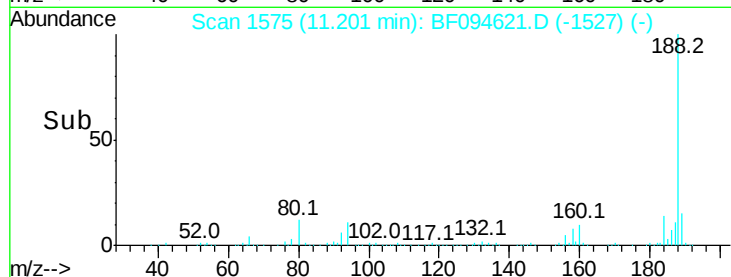
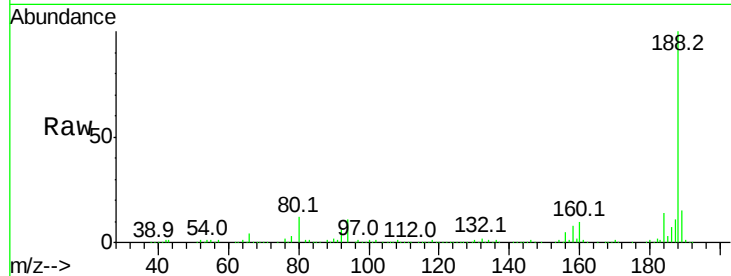
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Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	9.4	14.2	
80	11.7	10.2	15.2	

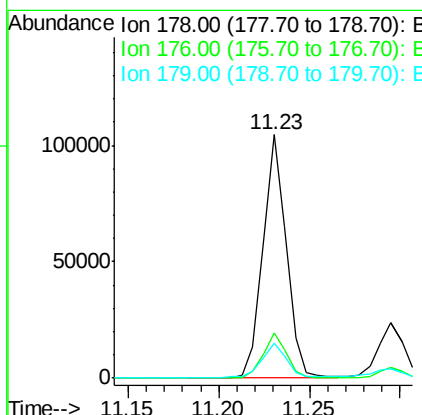
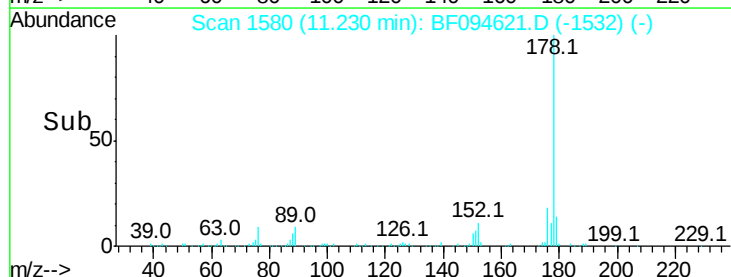
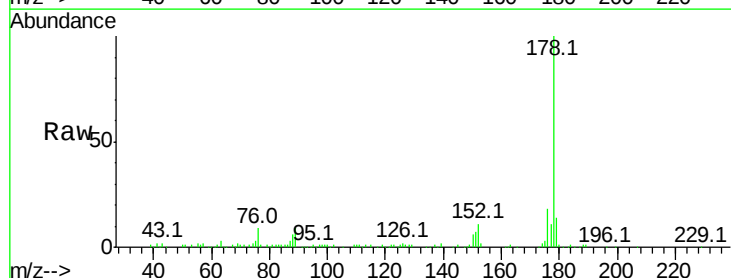
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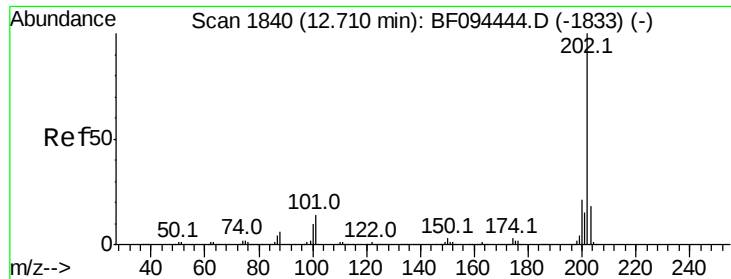
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#70
Phenanthrene
Concen: 5.28 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.4	16.2	24.4	
179	14.1	12.6	19.0	





#74

Fluoranthene

Concen: 8.19 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF094621.D

Acq: 25 Apr 2017 22:26

Instrument :

BNA_F

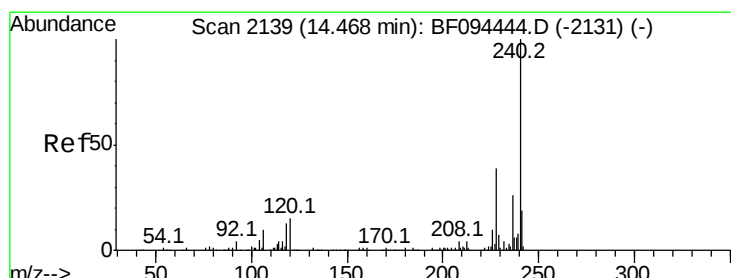
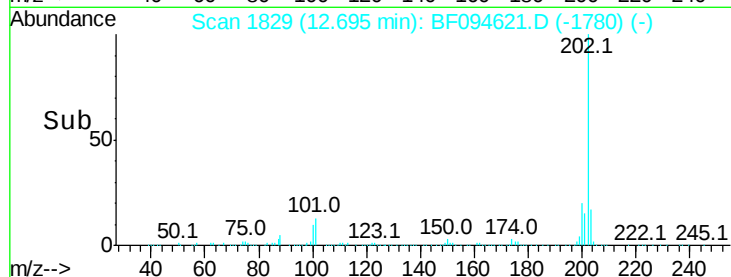
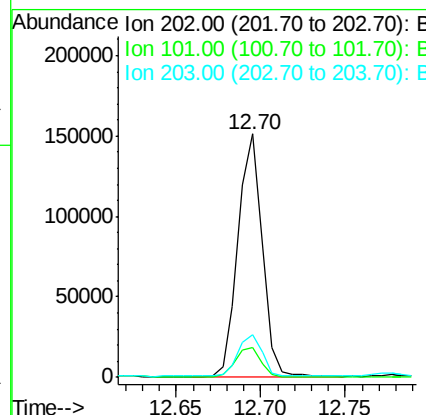
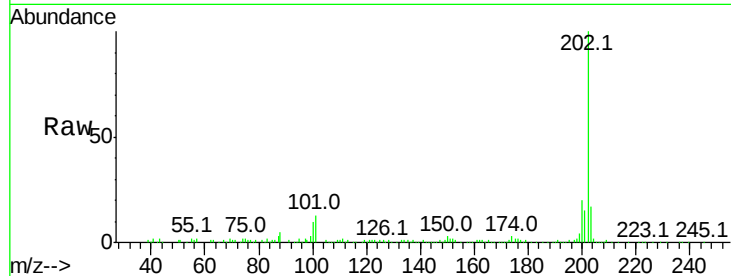
ClientSampleId :

FK-SF-03-001-C

Tot Ion	Ratio	Resp	Lower	Upper
202	100	151964		
101	12.5	0.0	33.2	
203	17.4	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

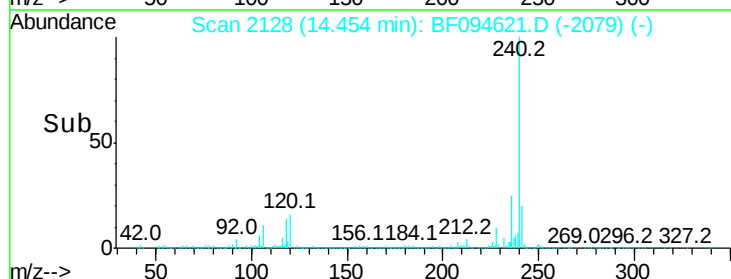
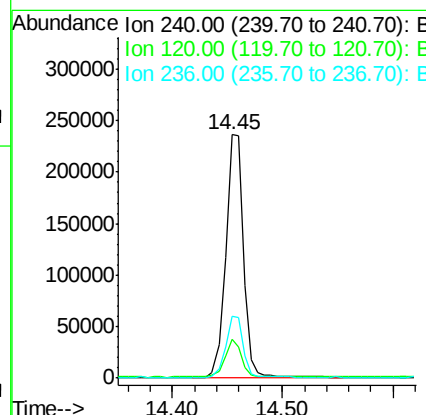
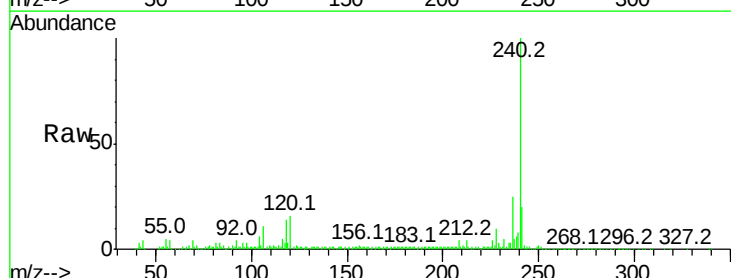
RT: 14.45 min Scan# 2128

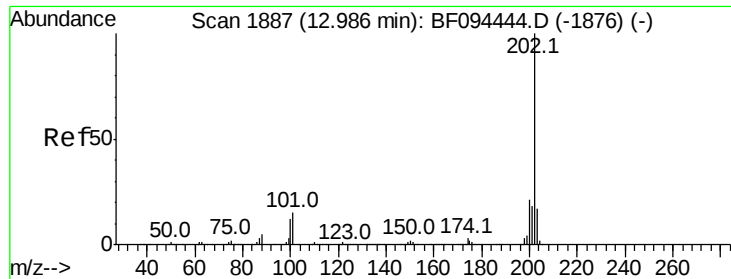
Delta R.T. -0.01 min

Lab File: BF094621.D

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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	261811		
120	16.0	5.8	8.8#	
236	25.3	20.5	30.7	





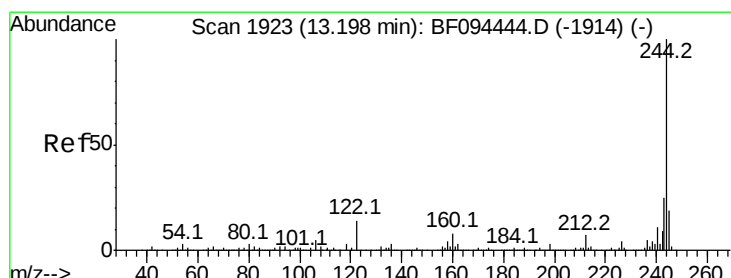
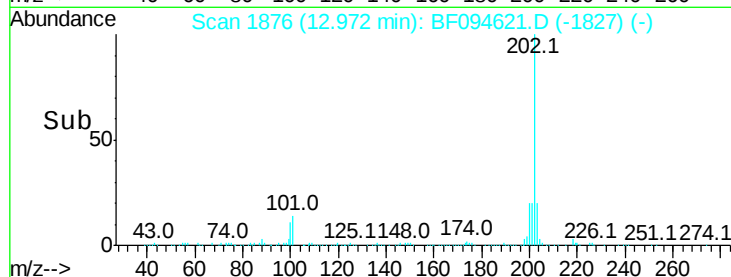
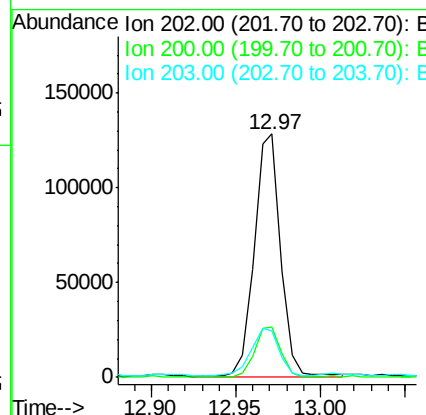
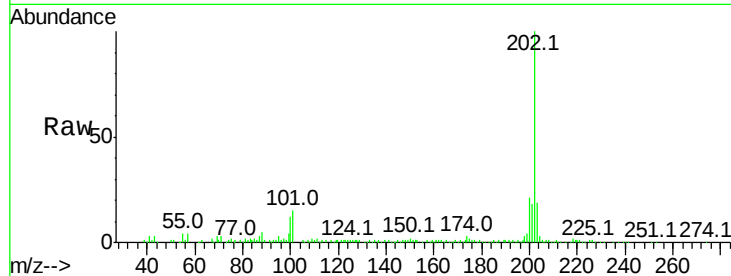
#77
Pvrene
Concen: 7.58 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.6	26.4
203	18.9	14.4	21.6

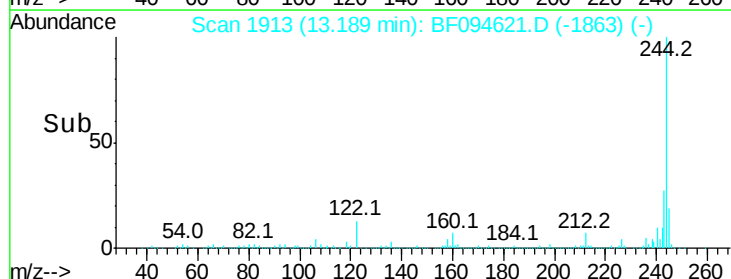
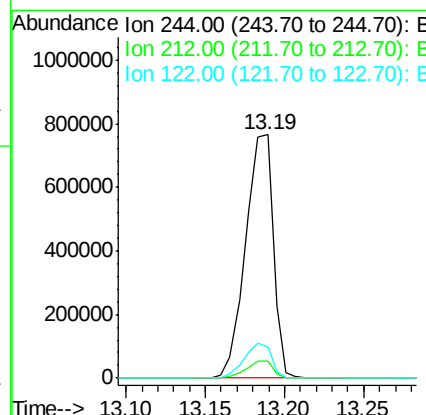
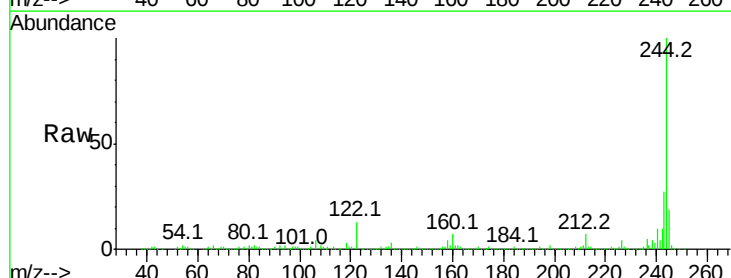
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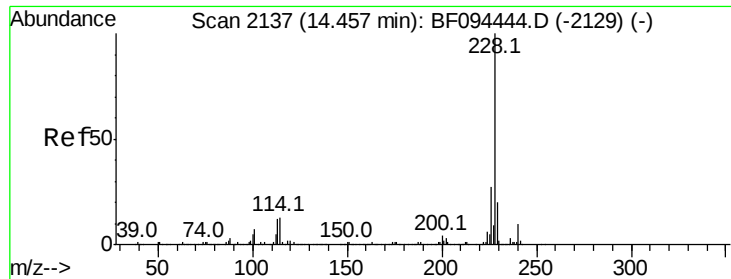
mohammad
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#78
Terphenyl-d14
Concen: 94.83 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.9	10.3	15.5





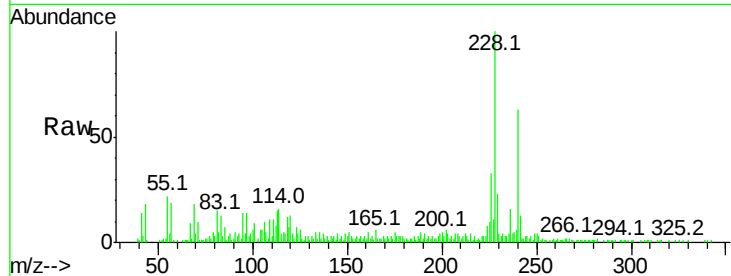
#80
Benzo(a)anthracene
Concen: 3.96 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

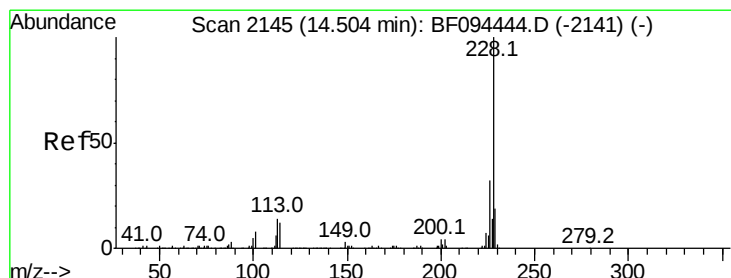
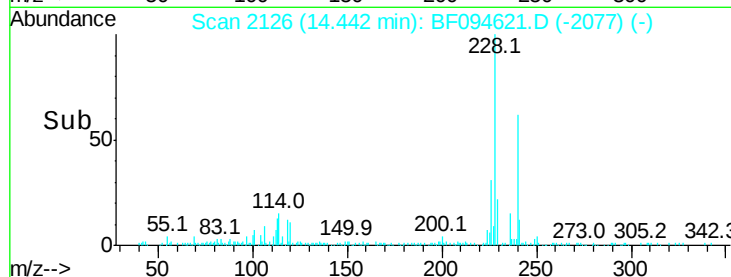
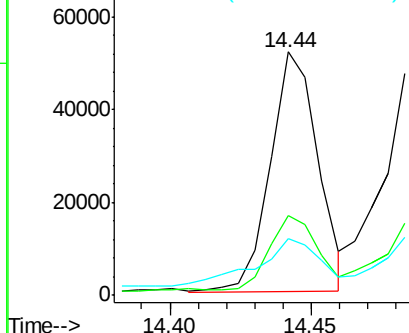
Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	23.4	16.3	24.5

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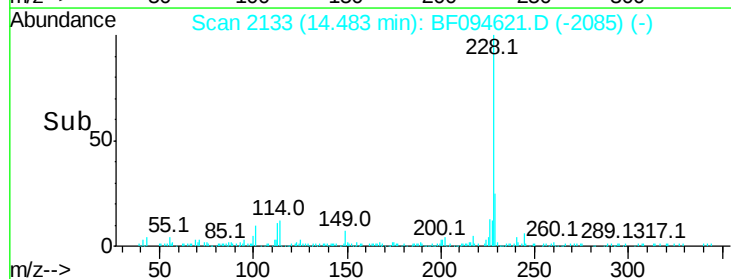
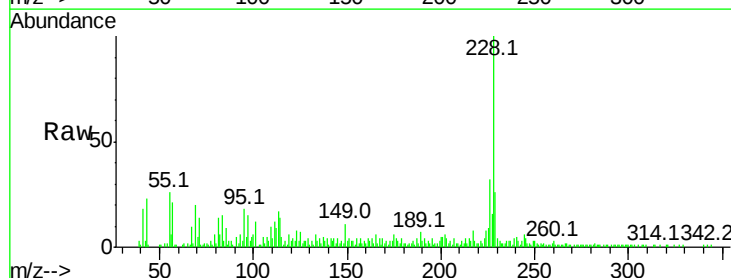
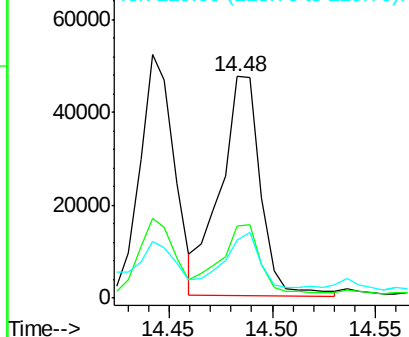
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

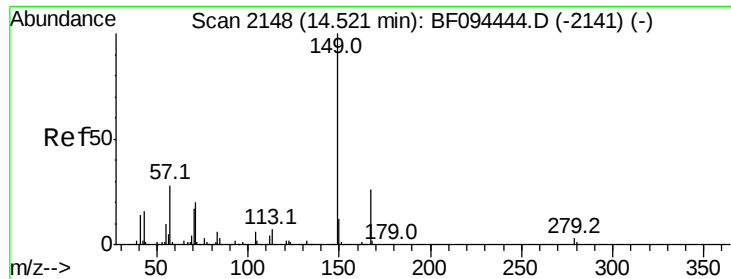


#82
Chrysene
Concen: 4.60 ng m
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	26.3	15.8	23.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





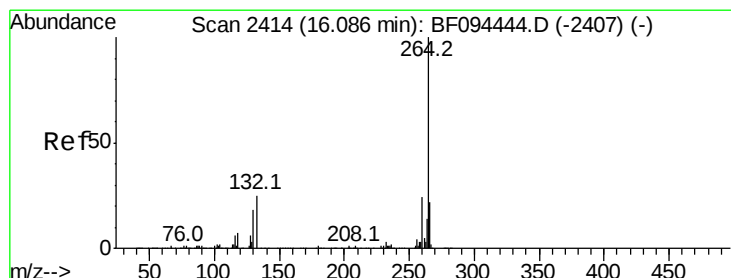
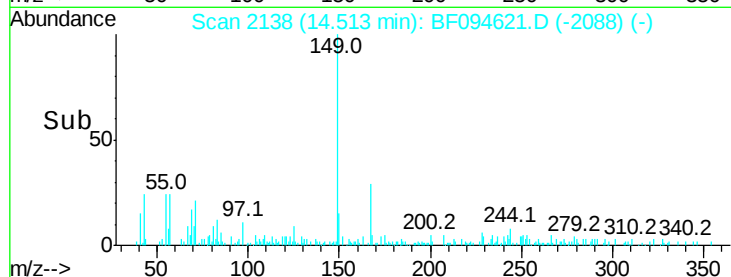
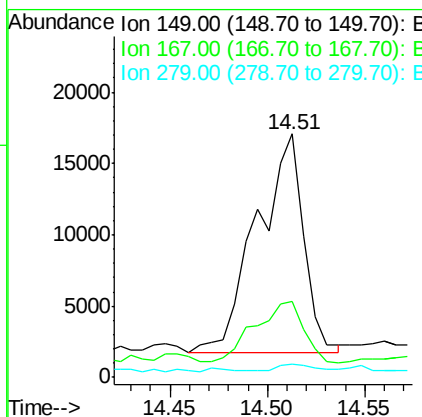
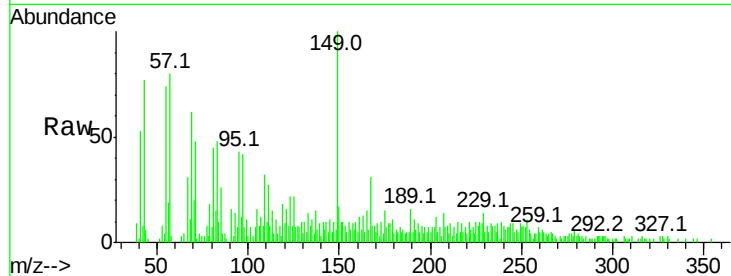
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.37 ng
RT: 14.51 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.2	21.0	31.4
279	5.5	1.9	2.9

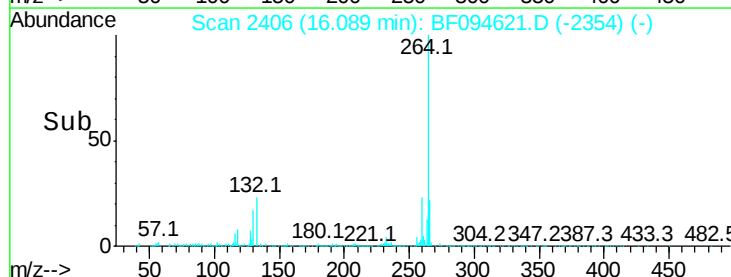
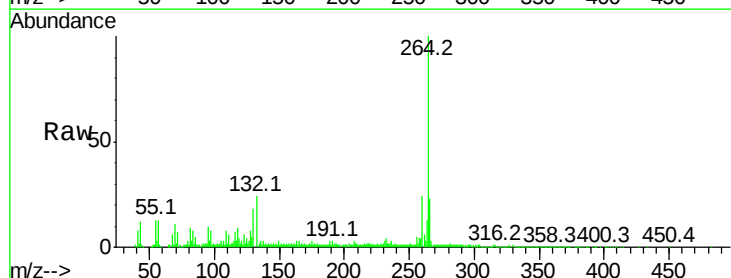
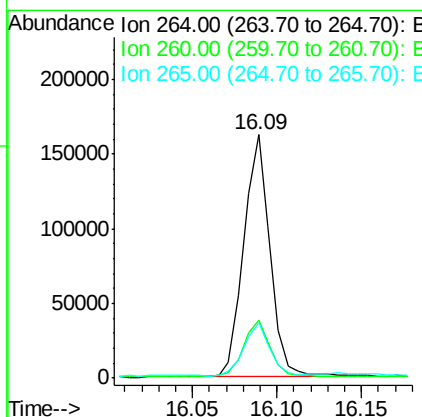
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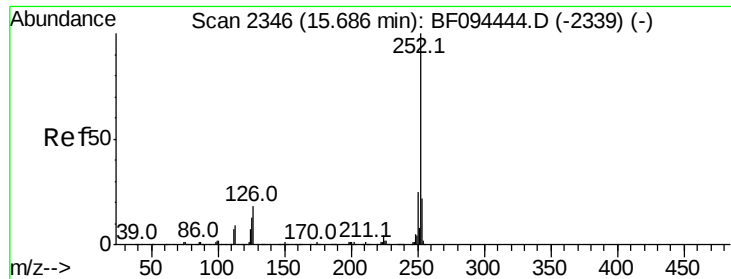
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 6.07 ng m

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094621.D

Acq: 25 Apr 2017 22:26

Instrument :

BNA_F

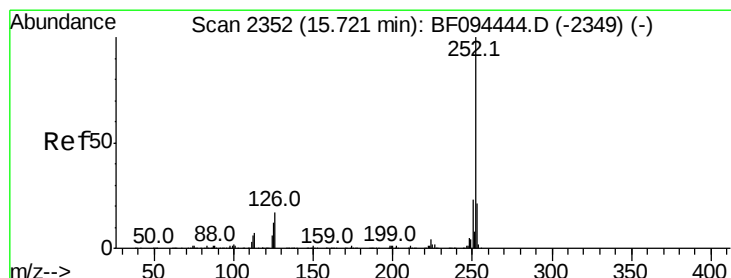
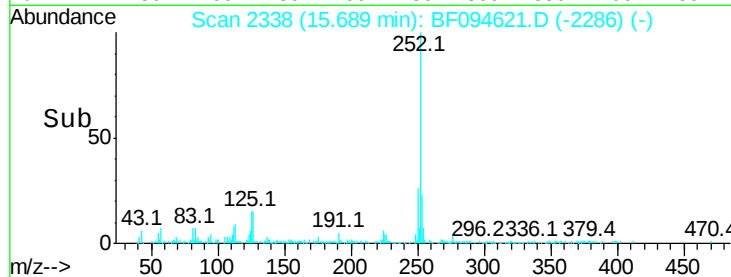
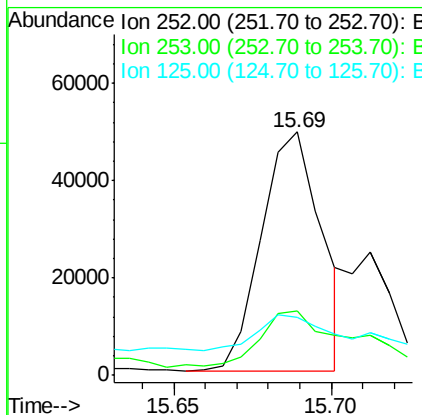
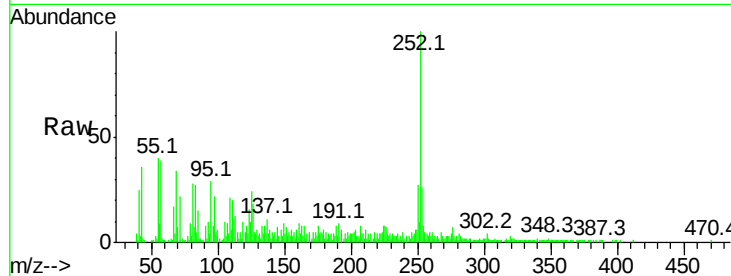
ClientSampleId :

FK-SF-03-001-C

Tot Ion:	252	Resp:	65347
Ion Ratio	Lower	Upper	
252	100		
253	26.4	18.1	27.1
125	23.8	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 2.58 ng m

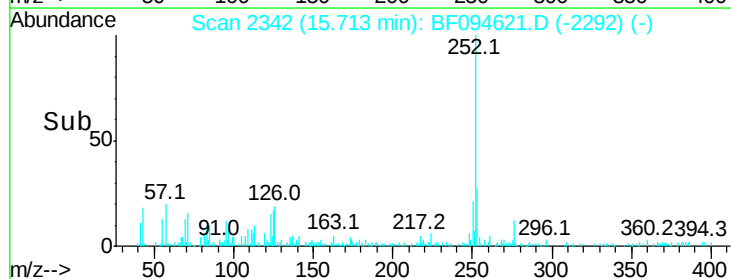
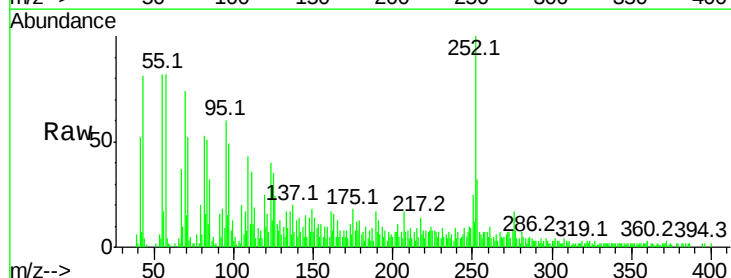
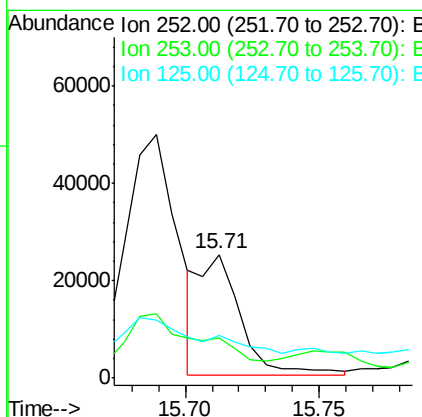
RT: 15.71 min Scan# 2342

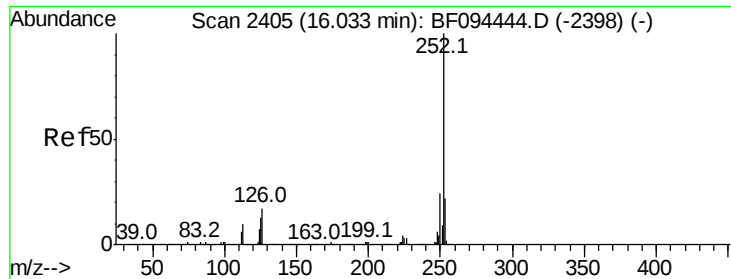
Delta R.T. -0.01 min

Lab File: BF094621.D

Acq: 25 Apr 2017 22:26

Tgt Ion:	252	Resp:	26282
Ion Ratio	Lower	Upper	
252	100		
253	32.3	18.4	27.6#
125	34.7	13.1	19.7#





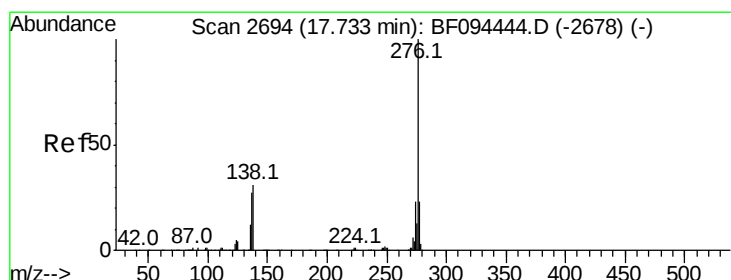
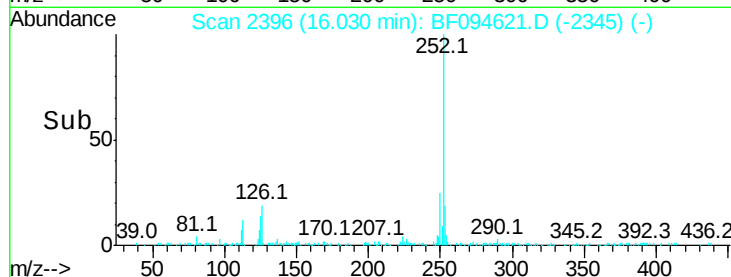
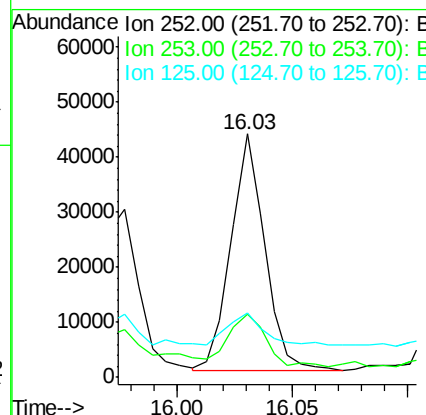
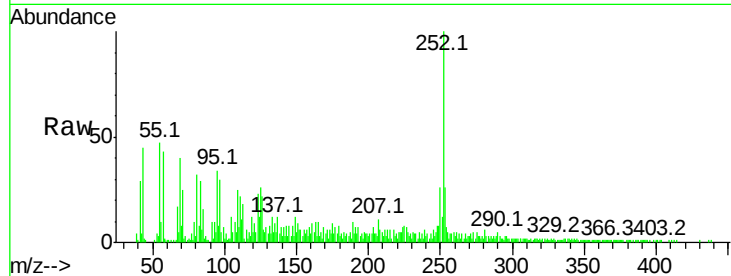
#89
Benzo(a)pyrene
Concen: 4.44 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.5	26.3
125	26.5	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 3.06 ng
RT: 17.74 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BF094621.D
Acq: 25 Apr 2017 22:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.6	28.0
138	35.8	25.4	38.0

