

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094620.D
 Acq On : 25 Apr 2017 21:59
 Operator : SJ/MA
 Sample : I2811-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Apr 26 04:46:54 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	134984	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	521111	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	203873	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	316693	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	272336	20.00	ng	-0.01
86) Perylene-d12	16.09	264	185416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1128415	138.69	ng	0.00
7) Phenol-d6	5.39	99	1416772	147.71	ng	0.00
23) Nitrobenzene-d5	6.41	82	849545	100.67	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	208191	130.55	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1372561	99.06	ng	-0.01
78) Terphenyl-d14	13.18	244	937275	91.99	ng	-0.01
Target Compounds						Qvalue
10) Phenol	5.40	94	85455	7.25	ng	88
49) Dimethylphthalate	9.07	163	146254	9.63	ng	98
70) Phenanthrene	11.23	178	101228	5.68	ng	97
74) Fluoranthene	12.69	202	165509	8.95	ng	97
77) Pyrene	12.97	202	149122	7.84	ng	94
79) Butylbenzylphthalate	13.80	149	626029	75.08	ng	90
80) Benzo(a)anthracene	14.44	228	66599	4.21	ng	97
82) Chrysene	14.48	228	67888	4.69	ng	95
83) Bis(2-ethylhexyl)phthalate	14.52	149	1560995	139.43	ng	# 99
87) Benzo(b)fluoranthene	15.68	252	69579m	6.13	ng	
88) Benzo(k)fluoranthene	15.71	252	24721m	2.30	ng	
89) Benzo(a)pyrene	16.03	252	45229	4.29	ng	# 82
91) Benzo(a,h,i)perylene	17.74	276	24479	2.74	ng	93

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

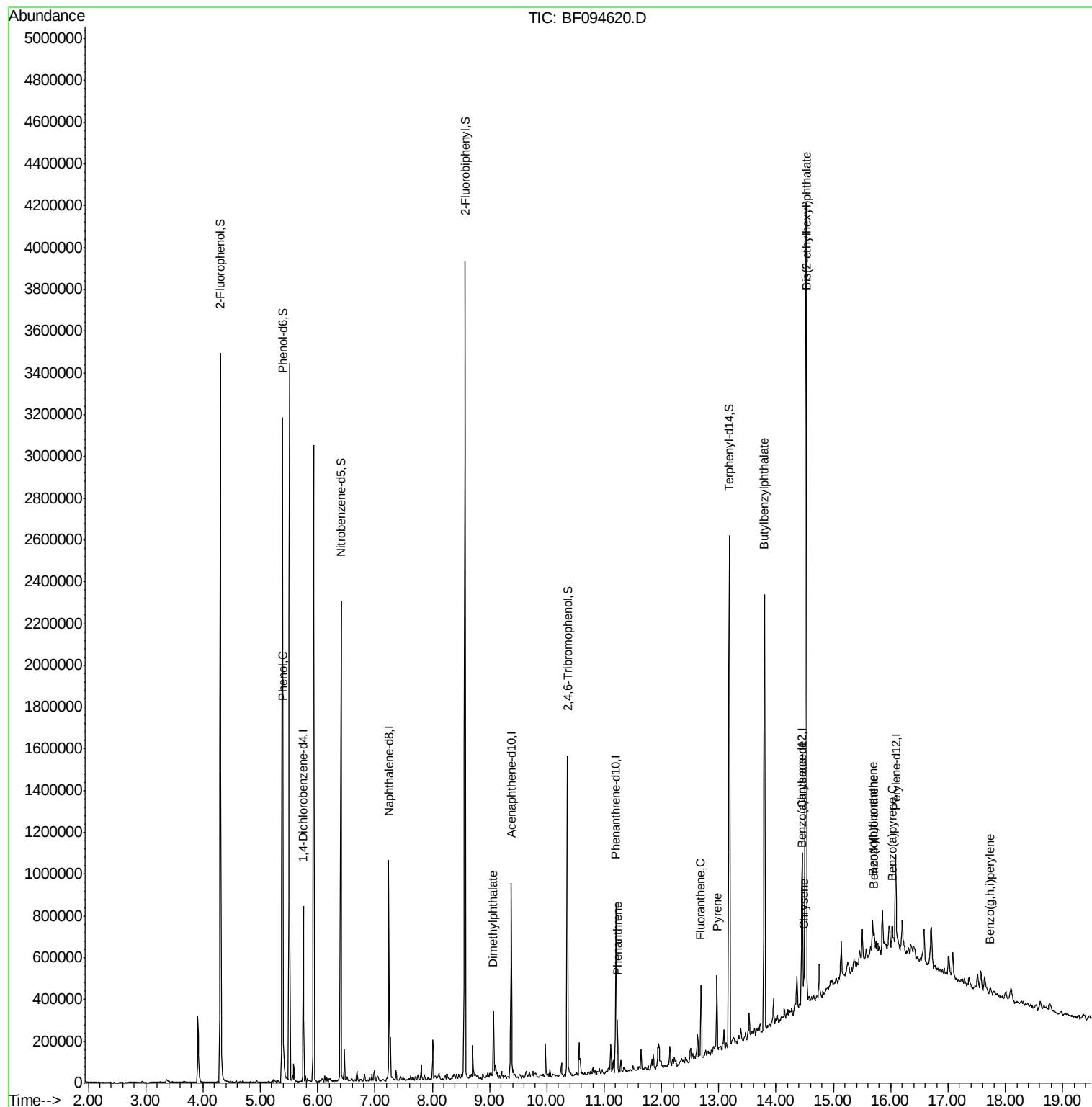
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
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ALS Vial : 25 Sample Multiplier: 1

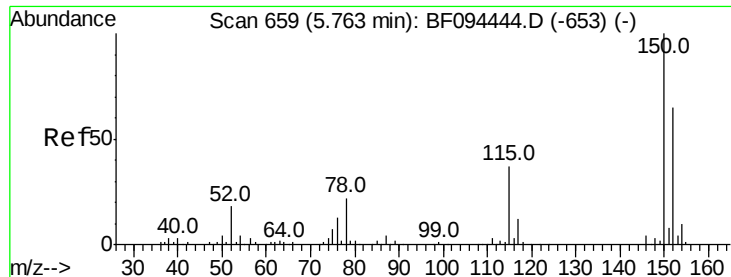
Instrument :
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ClientSampleId :
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#1

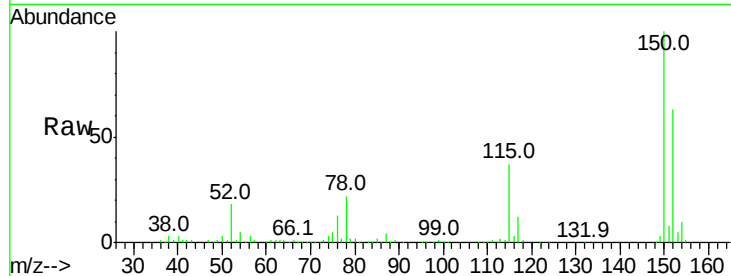
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

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

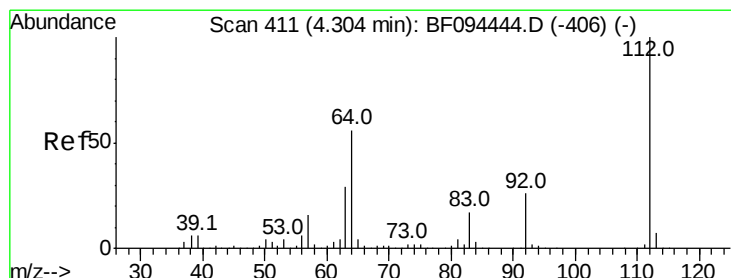
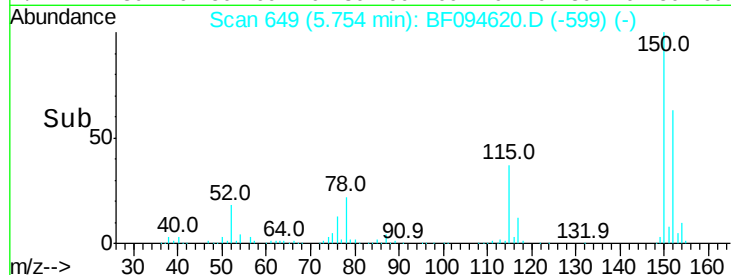
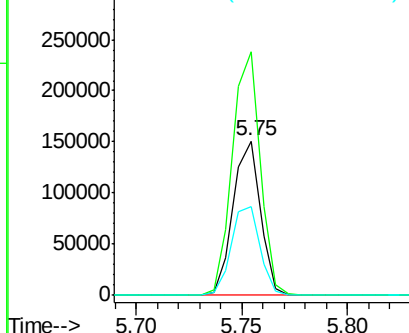
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	57.7	52.2	78.2

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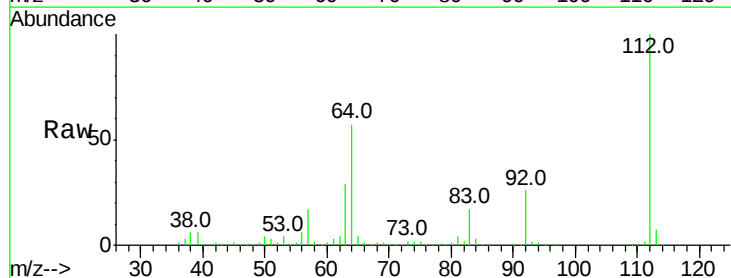
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



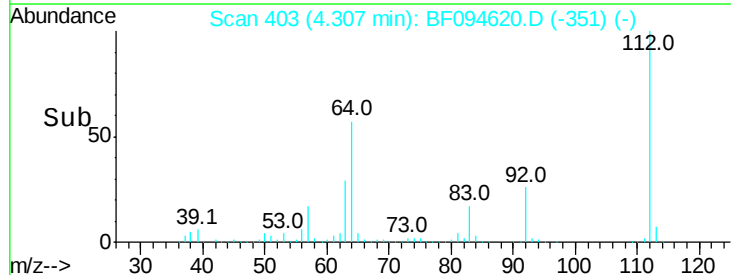
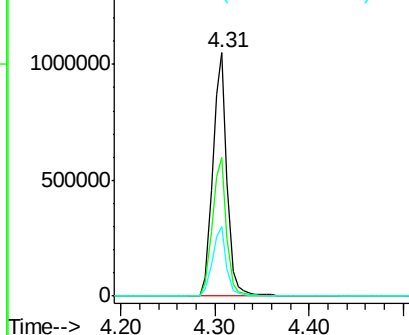
#5

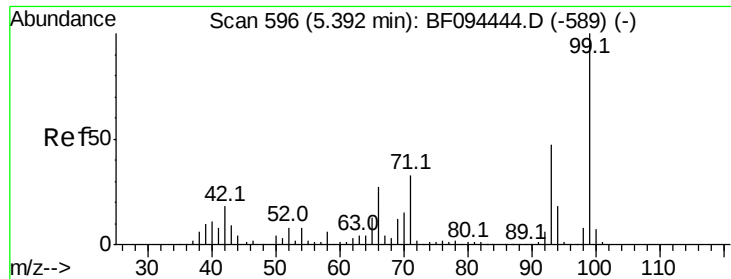
2-Fluorophenol
Concen: 138.69 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	28.5	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: 147.71 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094620.D

Acq: 25 Apr 2017 21:59

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-B

Tot Ion: 99 Resp: 1416772

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

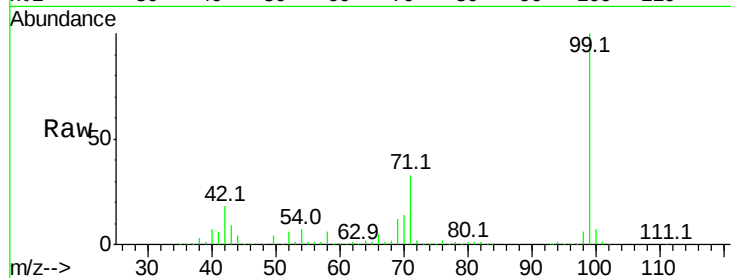
71 33.5 24.5 36.7

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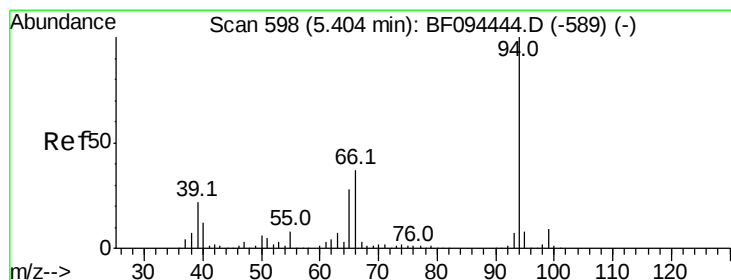
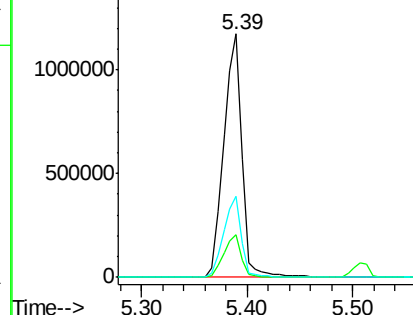
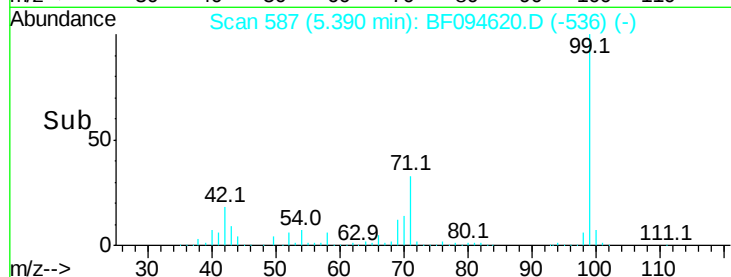
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.25 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094620.D

Acq: 25 Apr 2017 21:59

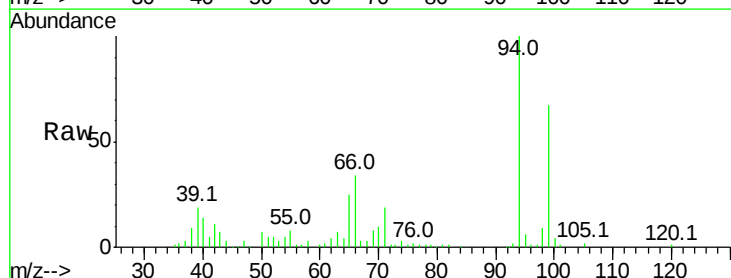
Tgt Ion: 94 Resp: 85455

Ion Ratio Lower Upper

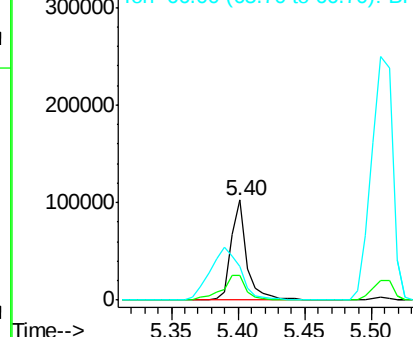
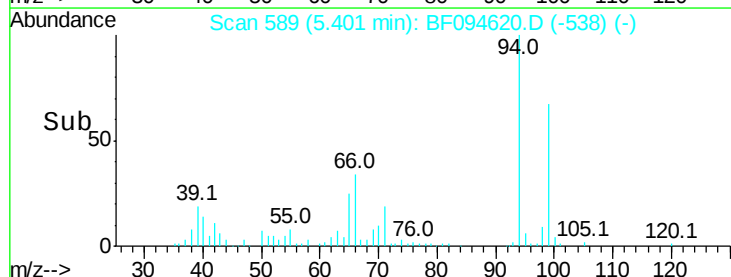
94 100

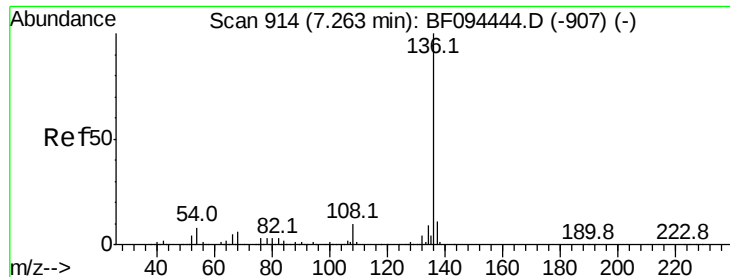
65 25.3 9.9 49.9

66 33.6 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





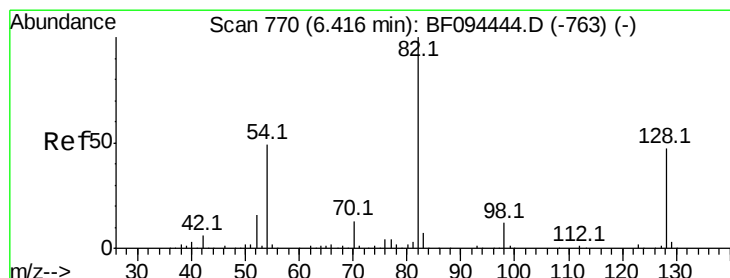
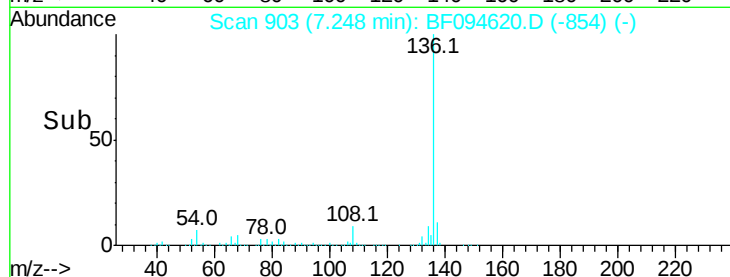
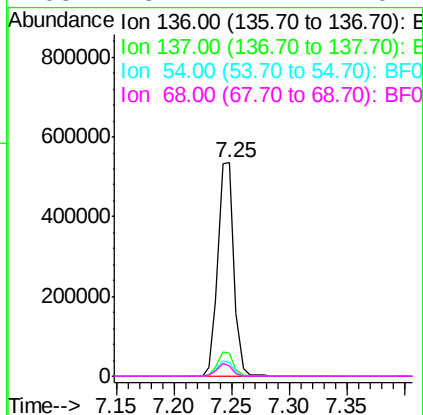
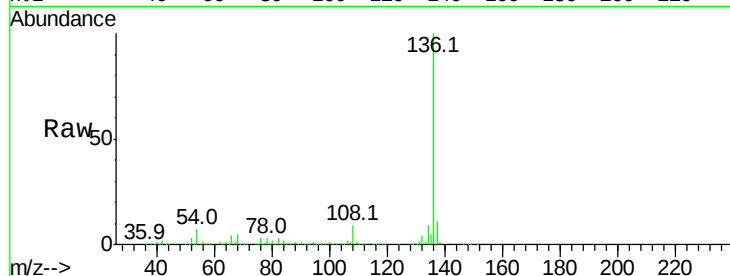
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	521111		
137	10.6		8.5	12.7
54	6.5		4.9	7.3
68	5.1		4.1	6.1

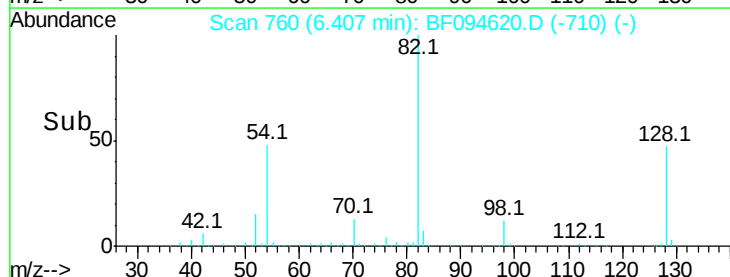
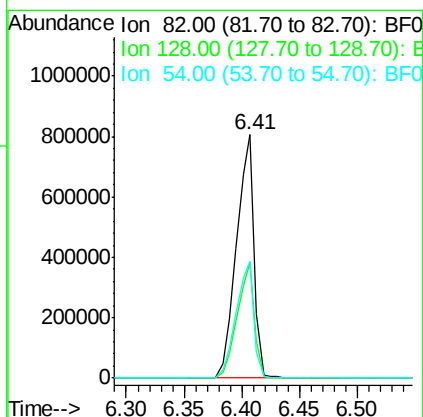
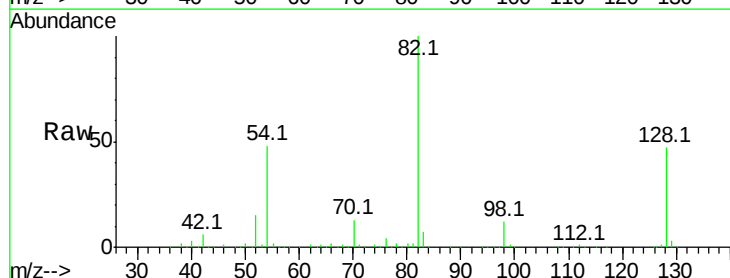
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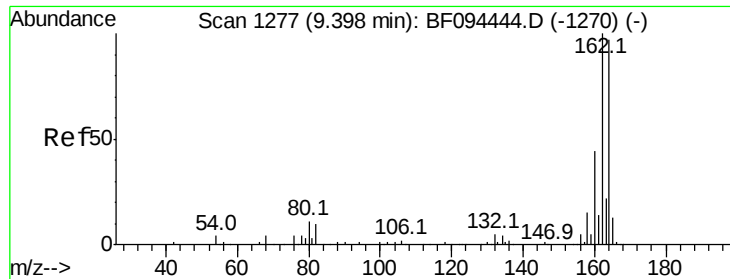
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#23
Nitrobenzene-d5
Concen: 100.67 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	849545		
128	47.3		34.0	51.0
54	48.2		42.2	63.2





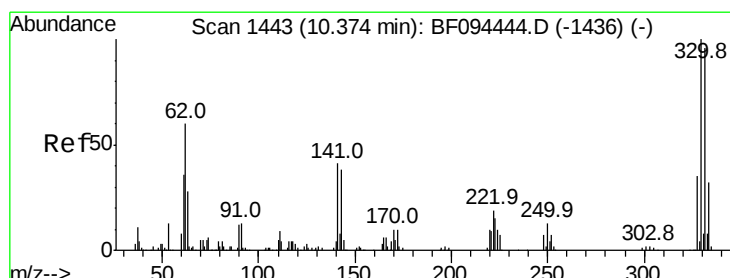
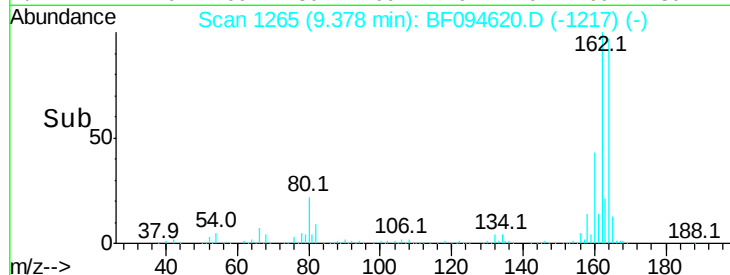
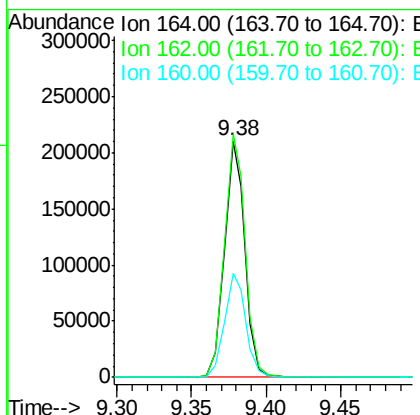
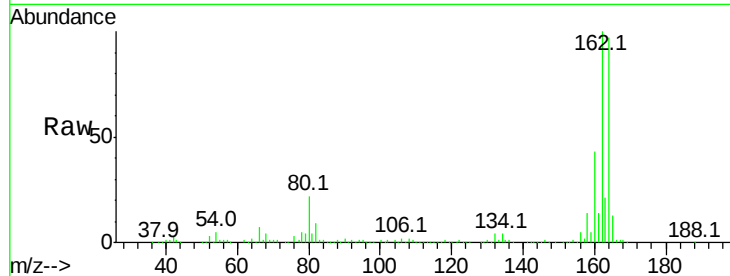
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094620.D
 Acq: 25 Apr 2017 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	82.6	123.8	
160	44.0	36.2	54.2	

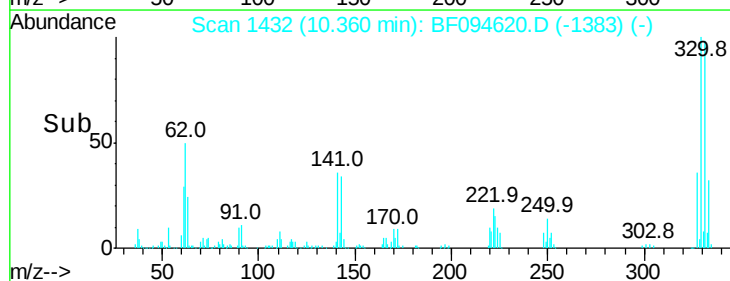
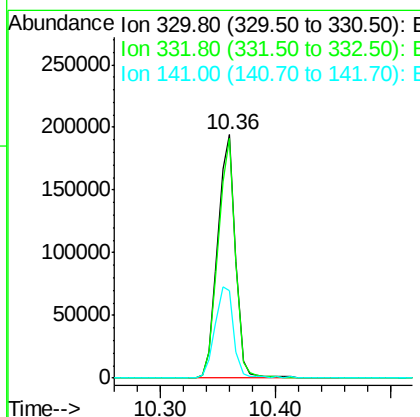
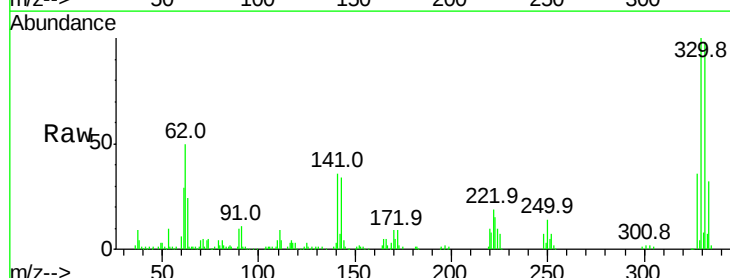
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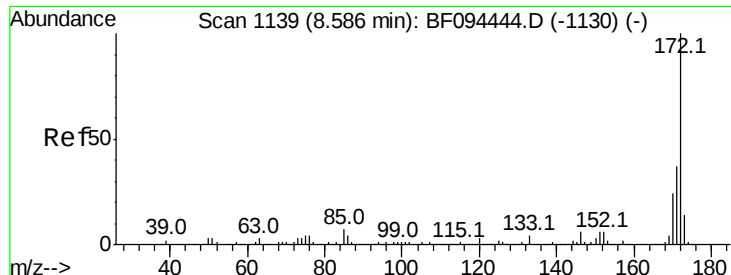
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#41
 2,4,6-Tribromophenol
 Concen: 130.55 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094620.D
 Acq: 25 Apr 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.6	115.0	
141	39.0	31.4	47.2	





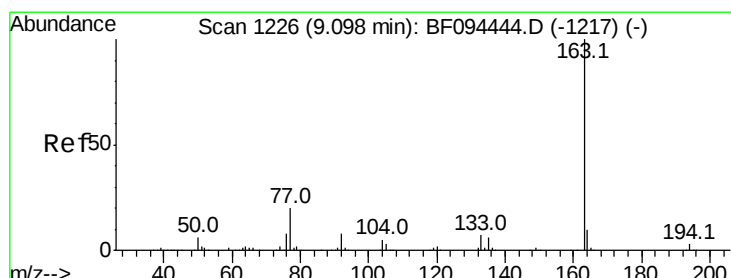
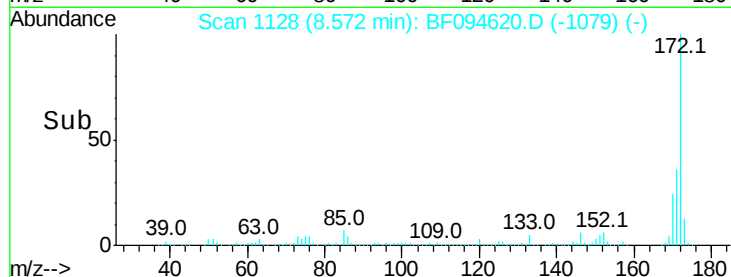
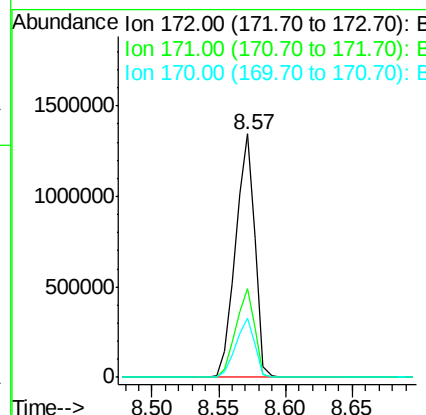
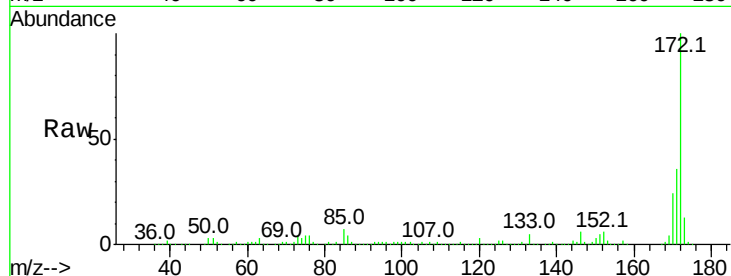
#44
2-Fluorobiphenyl
Concen: 99.06 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.8	29.8

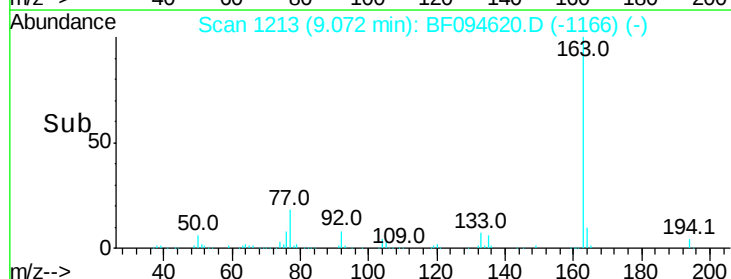
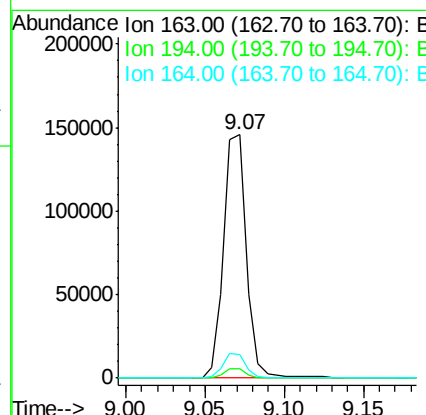
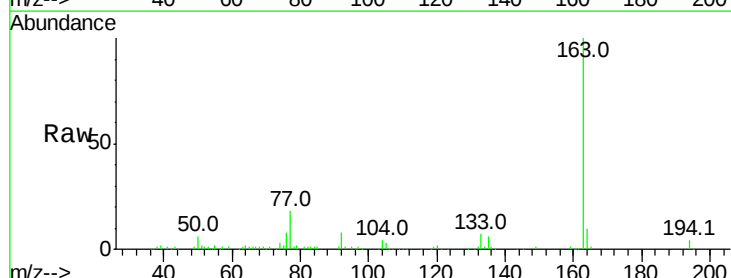
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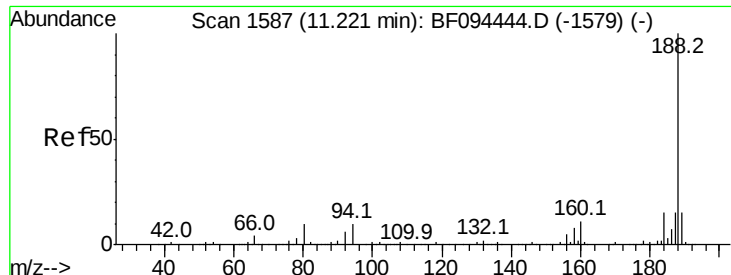
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#49
Dimethylphthalate
Concen: 9.63 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.7	8.4	12.6





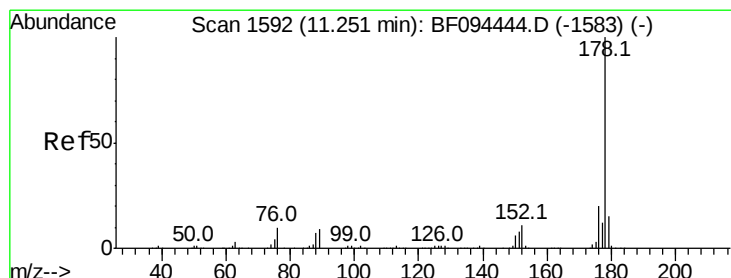
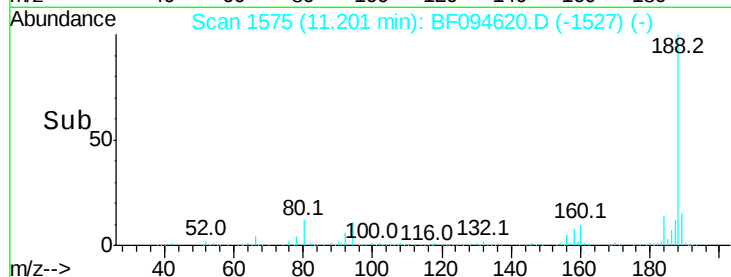
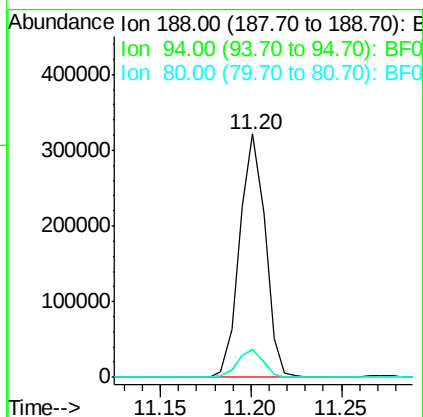
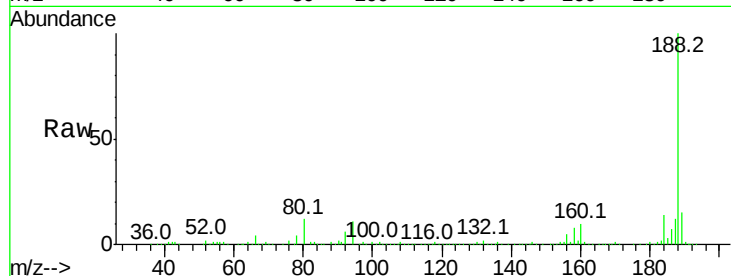
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1		9.4	14.2
80	11.8		10.2	15.2

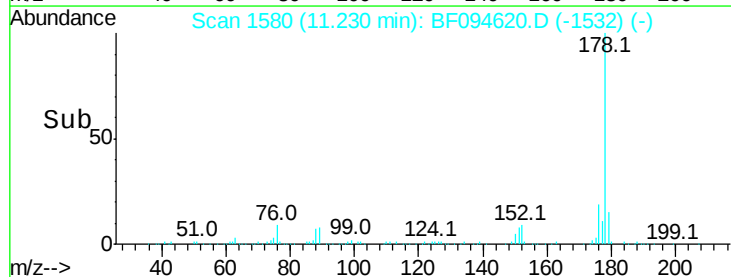
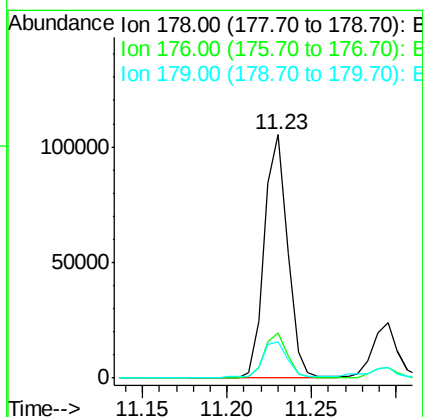
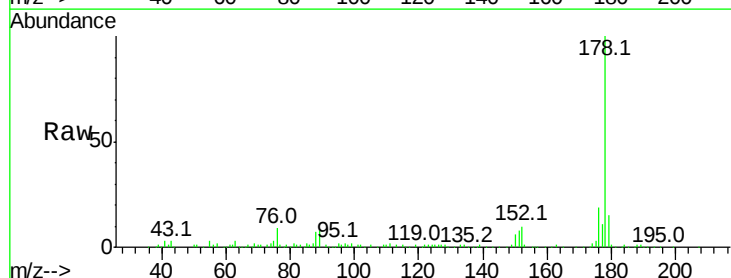
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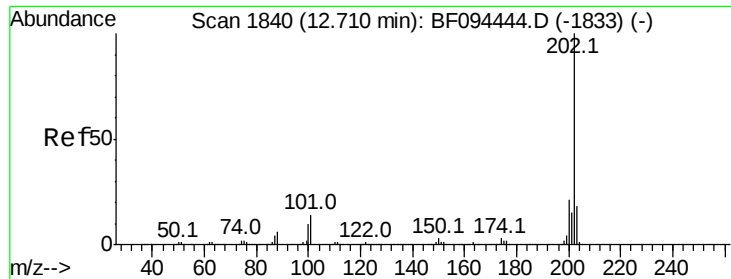
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#70
Phenanthrene
Concen: 5.68 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.8		16.2	24.4
179	15.0		12.6	19.0





#74

Fluoranthene

Concen: 8.95 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF094620.D

Acq: 25 Apr 2017 21:59

Instrument :

BNA_F

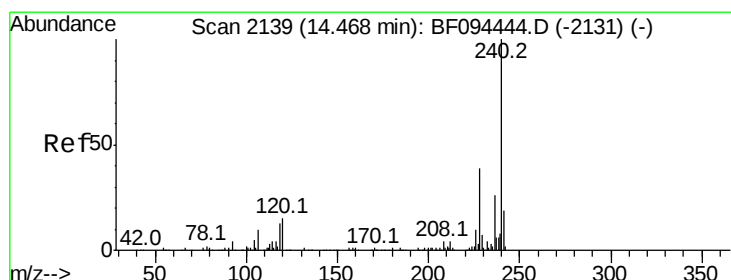
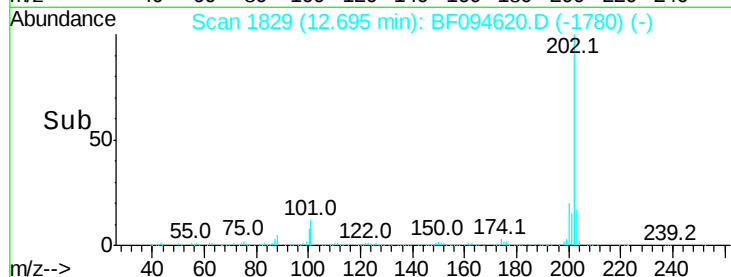
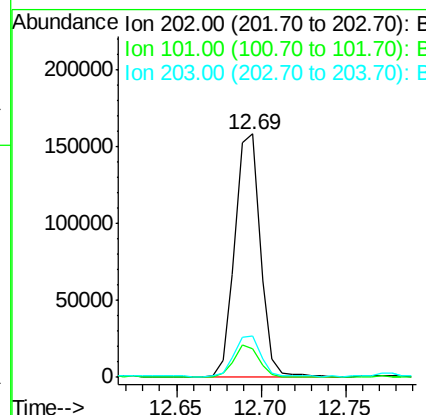
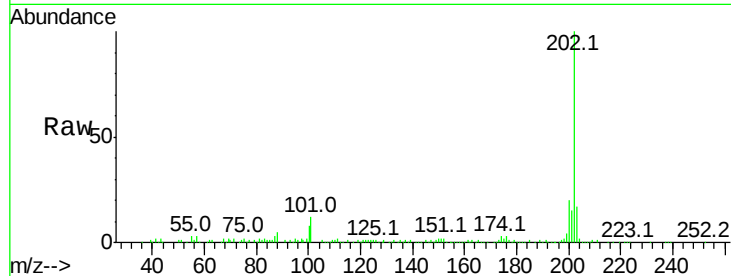
ClientSampleId :

FK-SF-03-001-B

Tot Ion	Ratio	Resp	Lower	Upper
202	100	165509		
101	11.9	0.0	33.2	
203	16.8	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

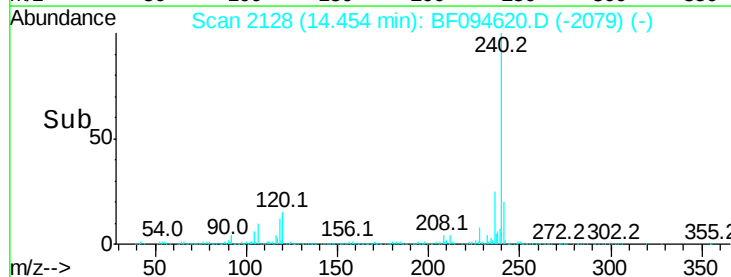
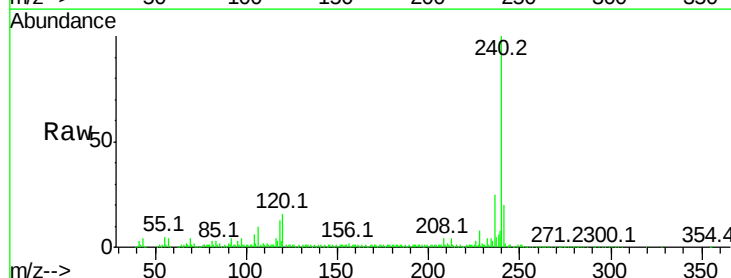
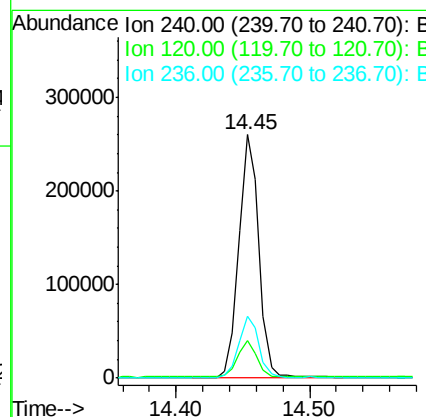
RT: 14.45 min Scan# 2128

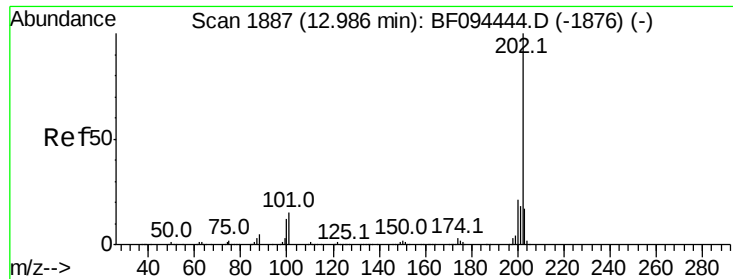
Delta R.T. -0.01 min

Lab File: BF094620.D

Acq: 25 Apr 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	272336		
120	15.6	5.8	8.8#	
236	25.4	20.5	30.7	





#77

Pvrene

Concen: 7.84 ng

RT: 12.97 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BF094620.D

Acq: 25 Apr 2017 21:59

Instrument :

BNA_F

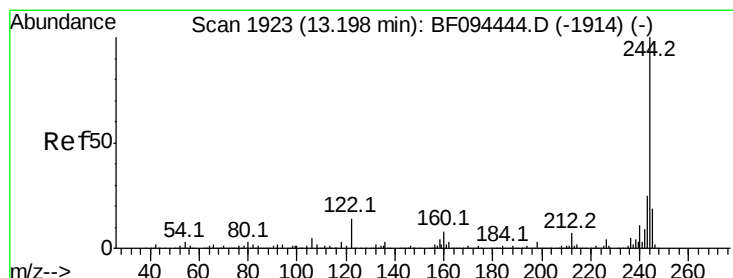
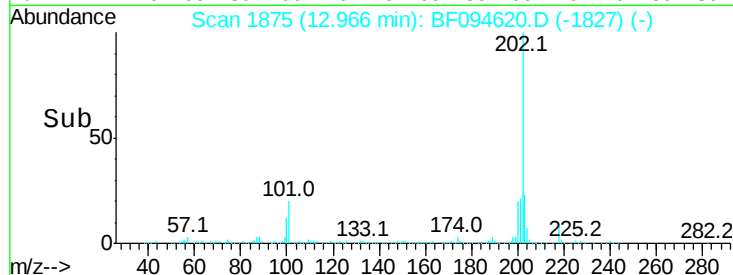
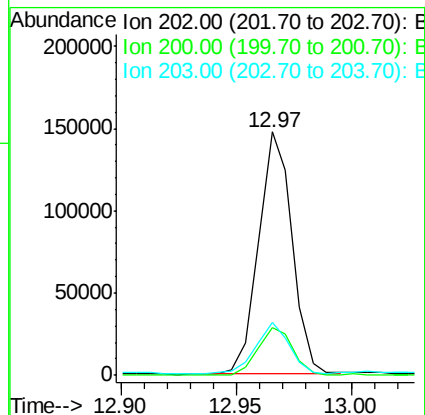
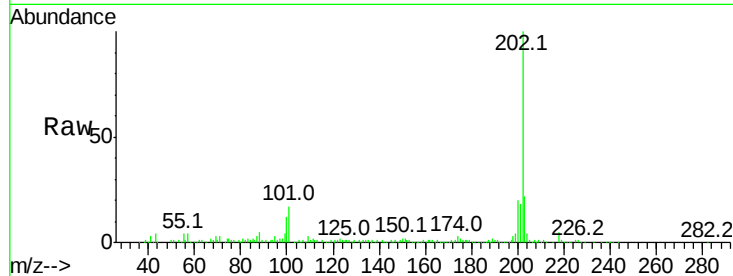
ClientSampleId :

FK-SF-03-001-B

Tot Ion:	202	Resp:	149122
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.6	26.4
203	21.5	14.4	21.6

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#78

Terphenyl-d14

Concen: 91.99 ng

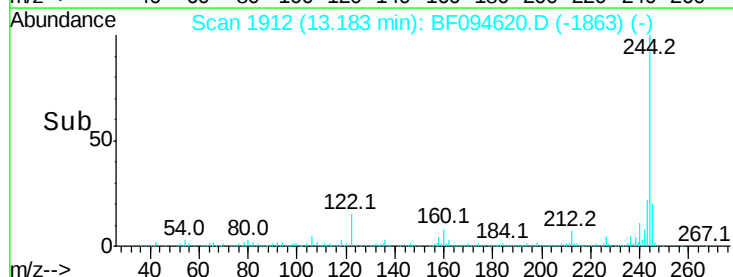
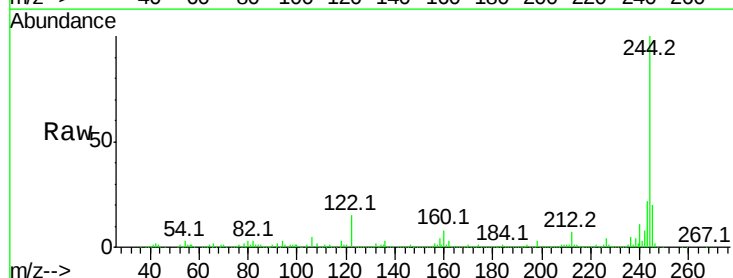
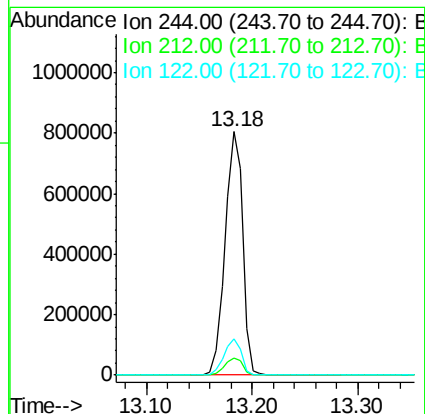
RT: 13.18 min Scan# 1912

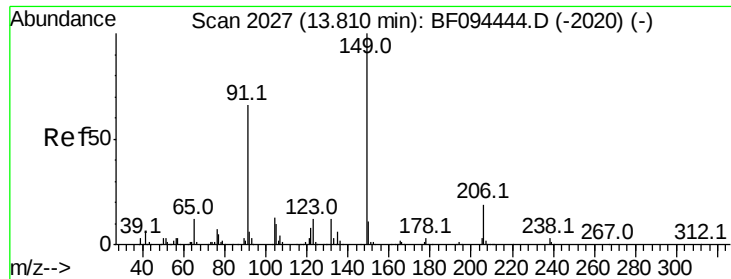
Delta R.T. -0.01 min

Lab File: BF094620.D

Acq: 25 Apr 2017 21:59

Tgt Ion:	244	Resp:	937275
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	15.0	10.3	15.5





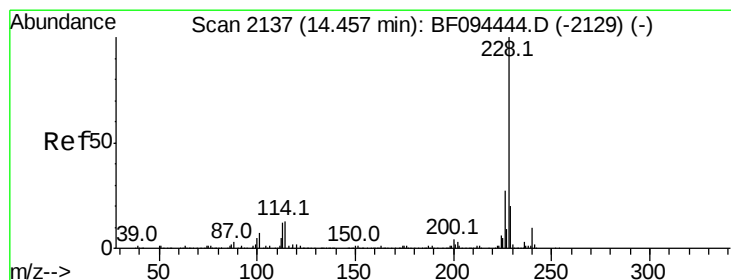
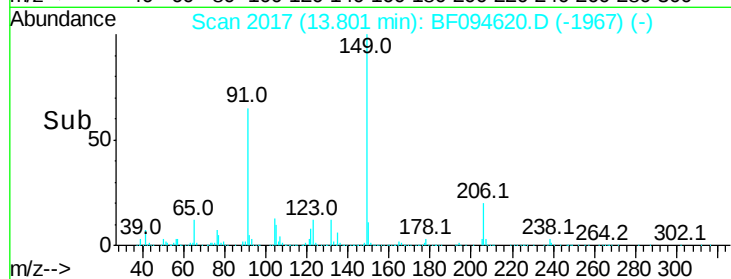
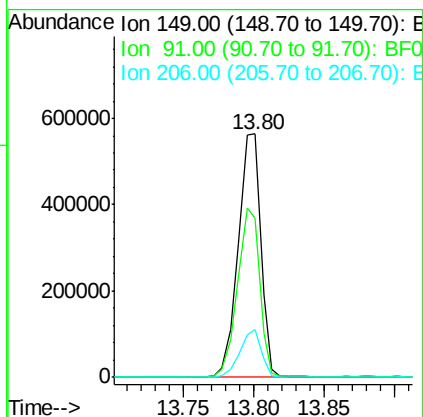
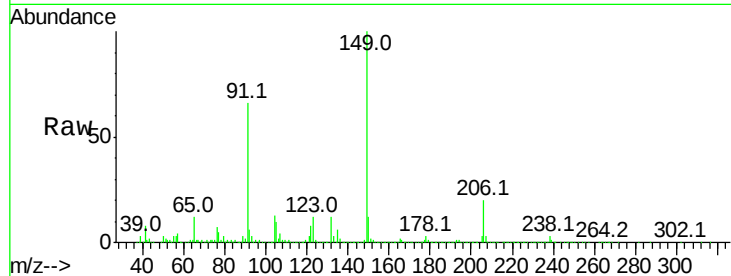
#79
Butylbenzylphthalate
Concen: 75.08 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	626029		
91	65.5	45.0	67.4	
206	19.7	17.0	25.6	

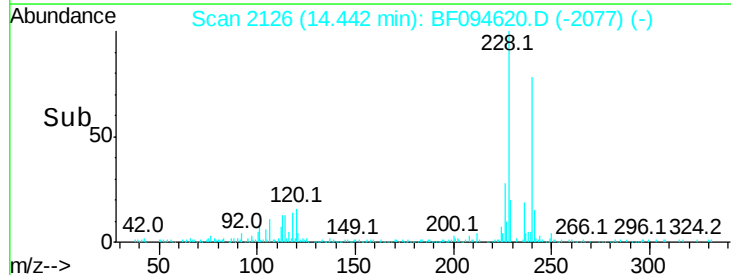
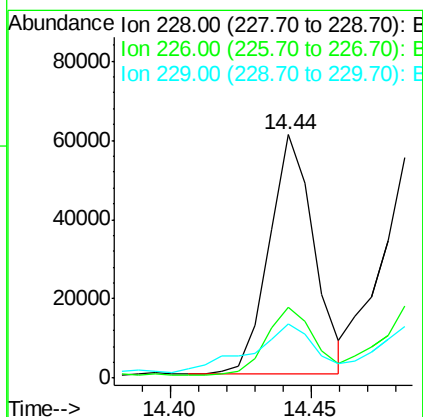
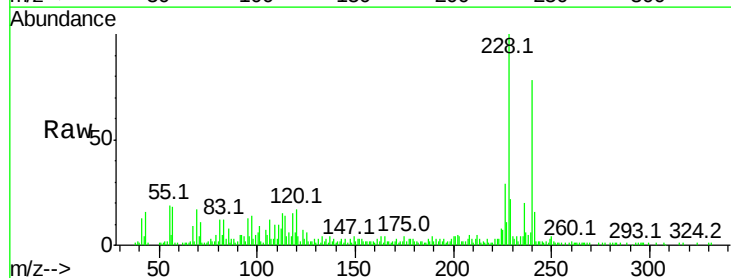
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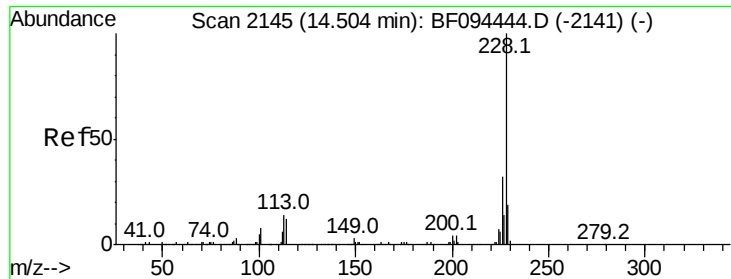
mohammad
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#80
Benzo(a)anthracene
Concen: 4.21 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	66599		
226	29.3	22.6	33.8	
229	22.2	16.3	24.5	





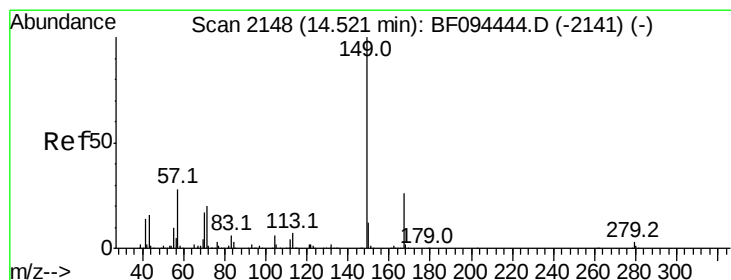
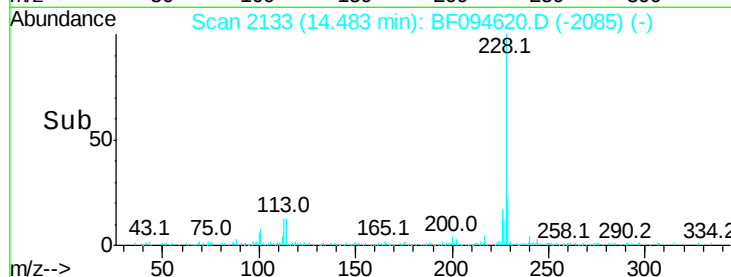
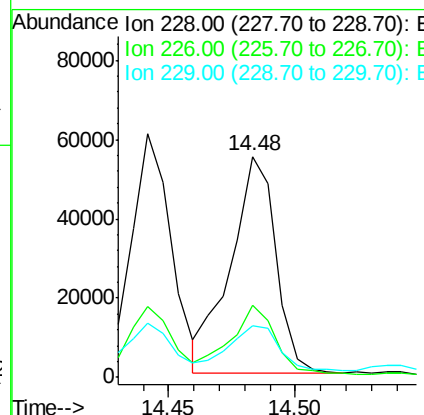
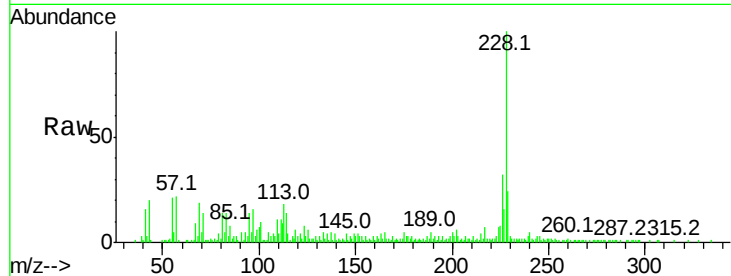
#82
Chrysene
Concen: 4.69 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

Instrument :
BNA_F
ClientSampled :
FK-SF-03-001-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	23.6	15.8	23.6

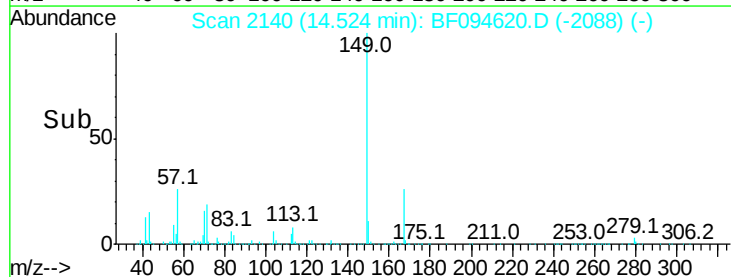
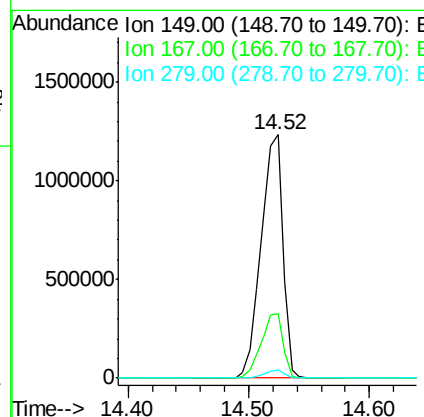
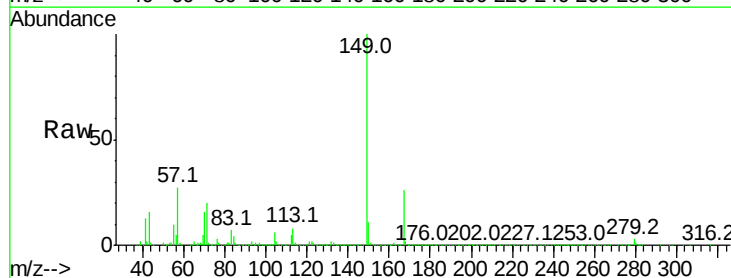
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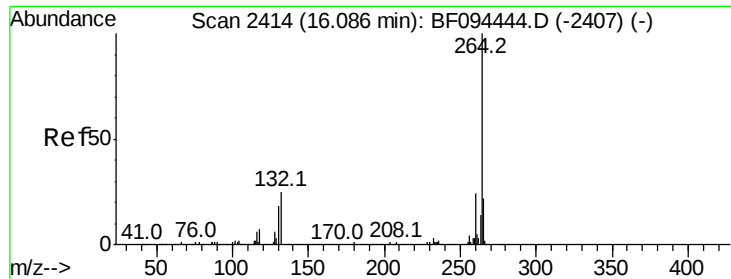
mohammad
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#83
Bis(2-ethylhexyl)phthalate
Concen: 139.43 ng
RT: 14.52 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BF094620.D
Acq: 25 Apr 2017 21:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.5	1.9	2.9#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BF094620.D

Acq: 25 Apr 2017 21:59

Instrument :

BNA_F

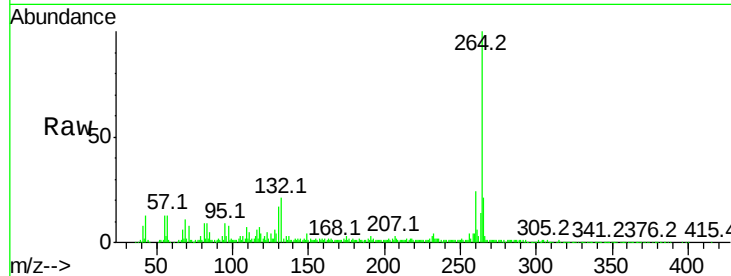
ClientSampleId :

FK-SF-03-001-B

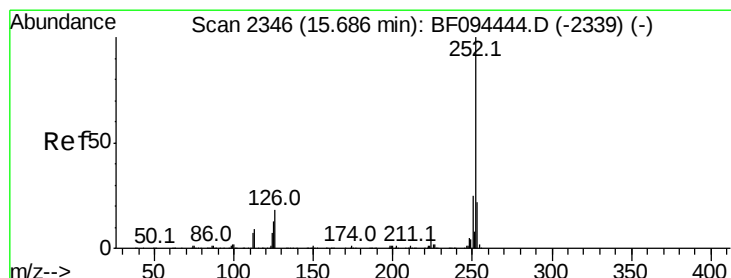
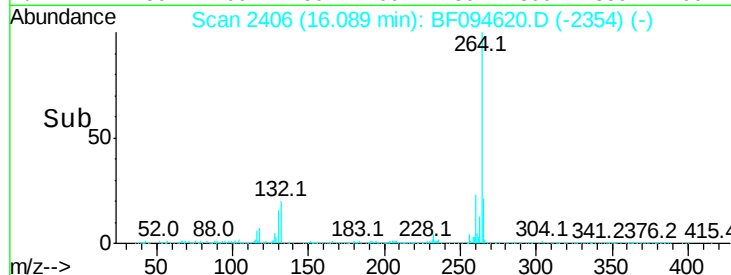
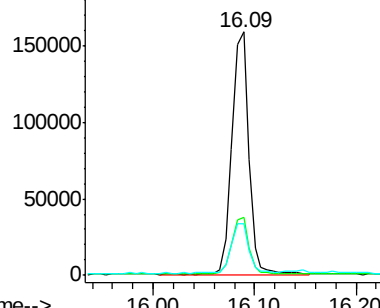
Tot Ion:	264	Resp:	185416
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.4	17.2	25.8

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 6.13 ng m

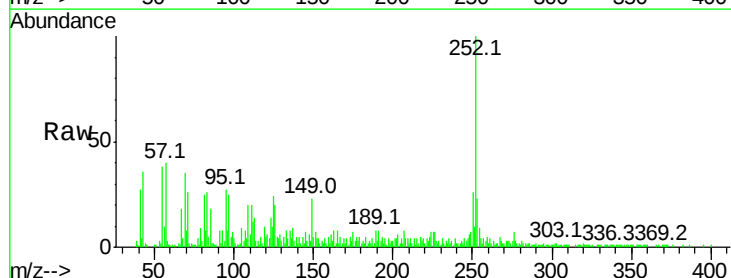
RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

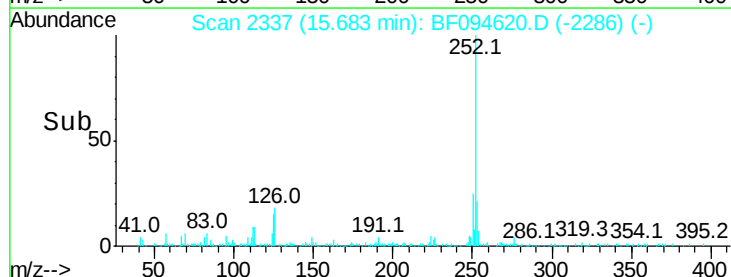
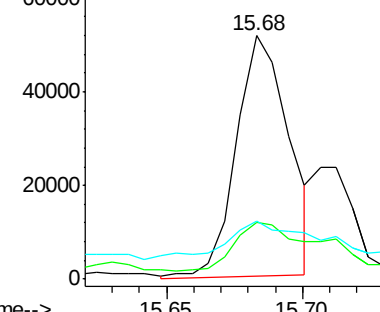
Lab File: BF094620.D

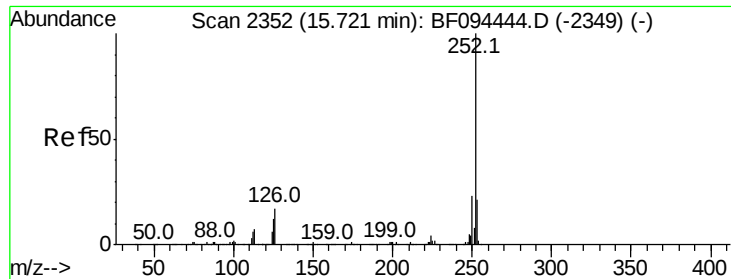
Acq: 25 Apr 2017 21:59

Tgt Ion:	252	Resp:	69579
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.1	27.1
125	23.7	9.8	14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.30 ng/mL

RT: 15.71 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BF094620.D

Acq: 25 Apr 2017 21:59

Instrument :

BNA_F

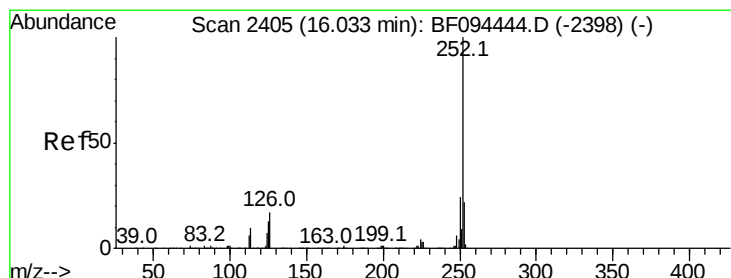
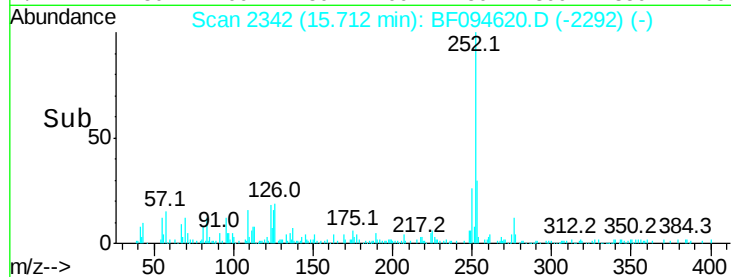
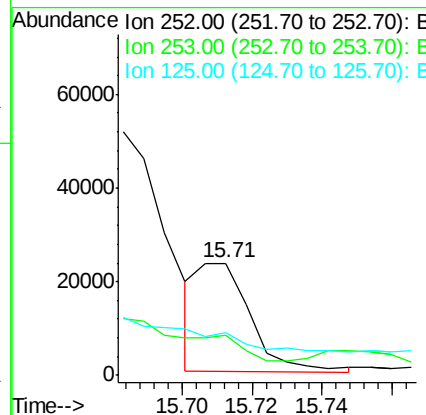
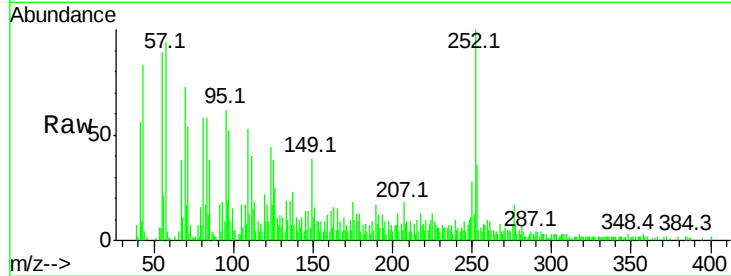
ClientSampleId :

FK-SF-03-001-B

Tot Ion:	252	Resp:	24721
Ion Ratio	Lower	Upper	
252	100		
253	35.6	18.4	27.6#
125	37.6	13.1	19.7#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 4.29 ng/mL

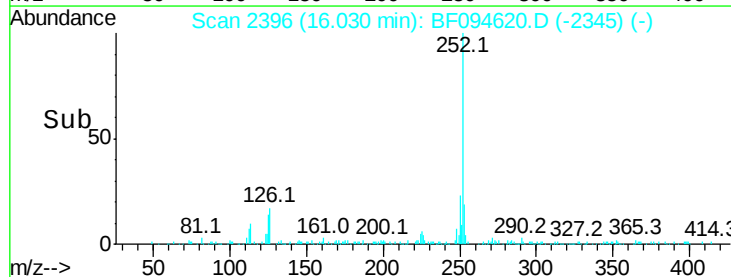
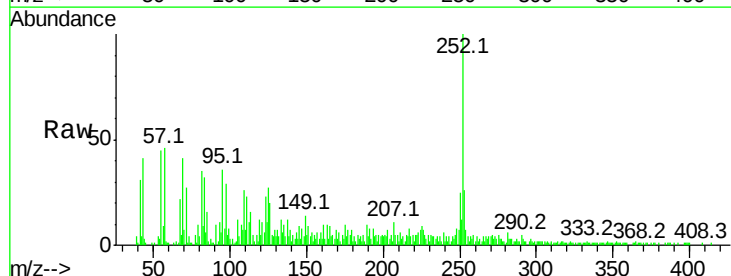
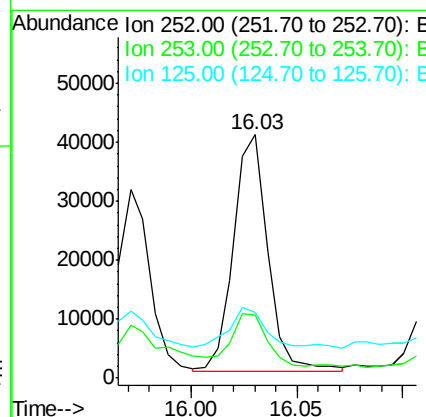
RT: 16.03 min Scan# 2396

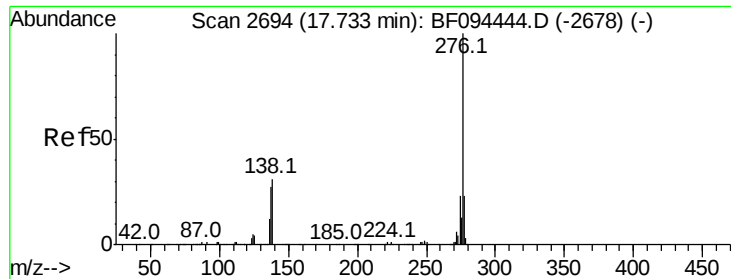
Delta R.T. -0.00 min

Lab File: BF094620.D

Acq: 25 Apr 2017 21:59

Tgt Ion:	252	Resp:	45229
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.5	26.3
125	27.1	11.0	16.4#





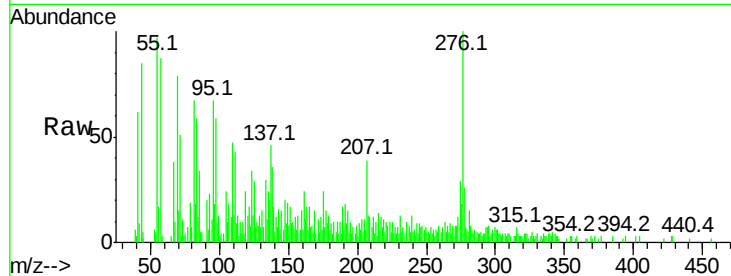
#91
 Benzo(a,h,i)perylene
 Concen: 2.74 ng
 RT: 17.74 min Scan# 2687
 Delta R.T. 0.01 min
 Lab File: BF094620.D
 Acq: 25 Apr 2017 21:59

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.6	28.0
138	36.1	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

