

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096048.D
 Acq On : 20 Jun 2017 16:58
 Operator : SJ/MA
 Sample : I3697-03 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-B

Manual Integrations
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Quant Time: Jun 20 18:09:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	74269	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	291919	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	119726	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	183523	20.00	ng	0.00
75) Chrysene-d12	18.27	240	154671	20.00	ng	0.00
86) Perylene-d12	19.94	264	117396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	46931m	10.07	ng	0.06
7) Phenol-d6	6.90	99	99121	17.76	ng	0.03
23) Nitrobenzene-d5	8.22	82	56248	11.97	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	2556	2.41	ng	0.02
44) 2-Fluorobiphenyl	11.10	172	124917	14.52	ng	-0.01
78) Terphenyl-d14	16.92	244	82726	13.27	ng	-0.01
Target Compounds						
49) Dimethylphthalate	11.80	163	20608	2.27	ng	# 99
70) Phenanthrene	14.57	178	52106	4.92	ng	96
74) Fluoranthene	16.37	202	53363	5.09	ng	98
77) Pyrene	16.67	202	46776	4.05	ng	# 94
80) Benzo(a)anthracene	18.26	228	21195	2.36	ng	97
82) Chrysene	18.30	228	20306	2.26	ng	97
89) Benzo(a)pyrene	19.90	252	14500	2.15	ng	# 75

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

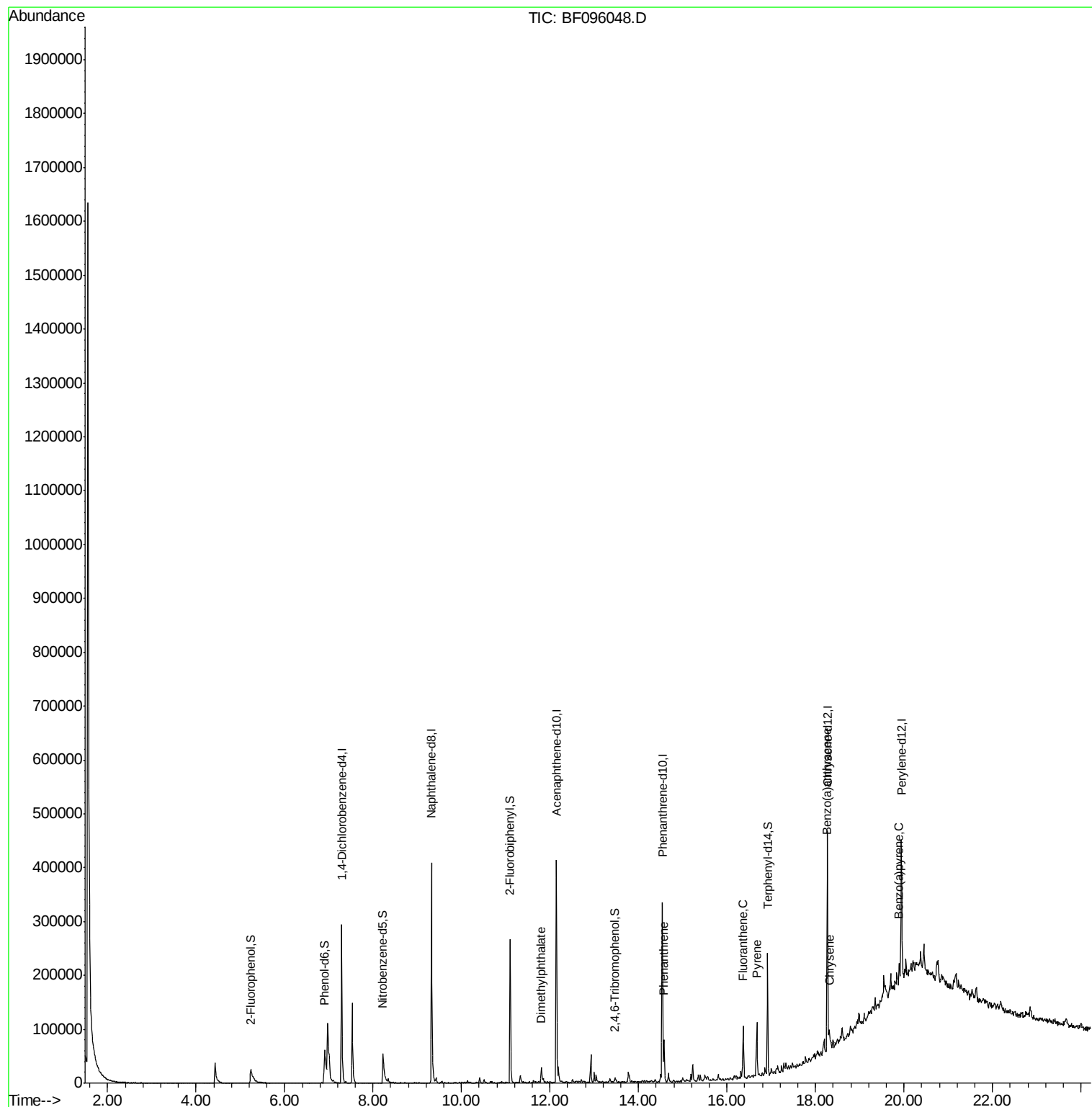
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
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Quant Time: Jun 20 18:09:59 2017
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#1

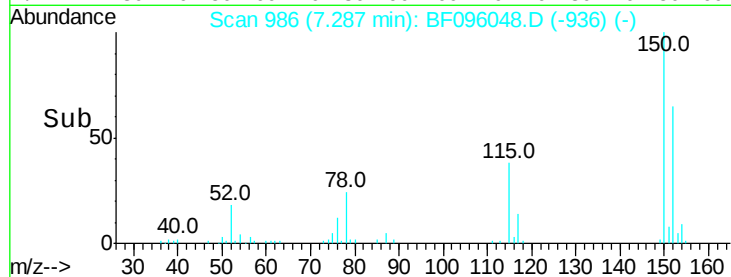
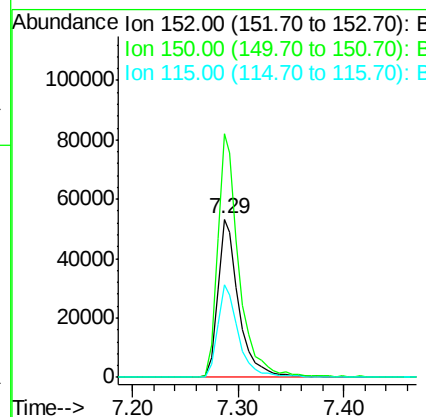
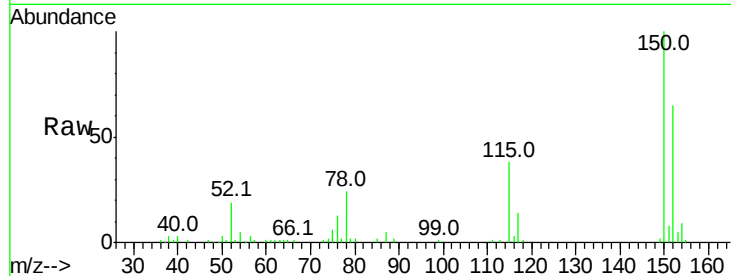
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleID :
FK-SF-02-001-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	58.2	52.2	78.2

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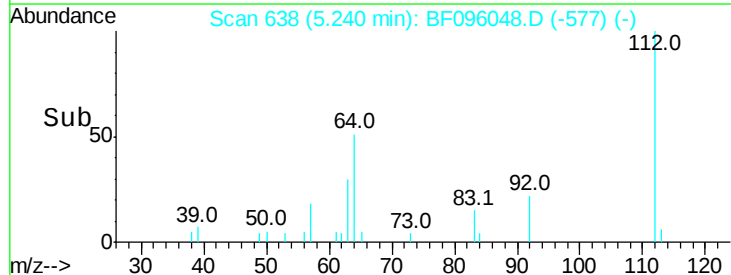
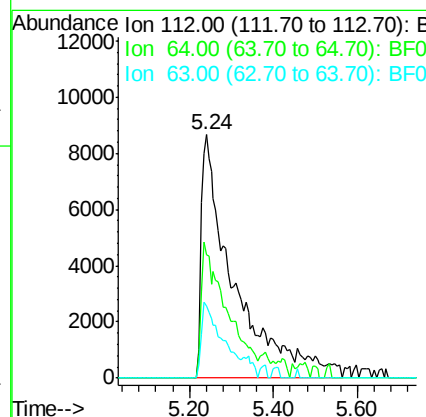
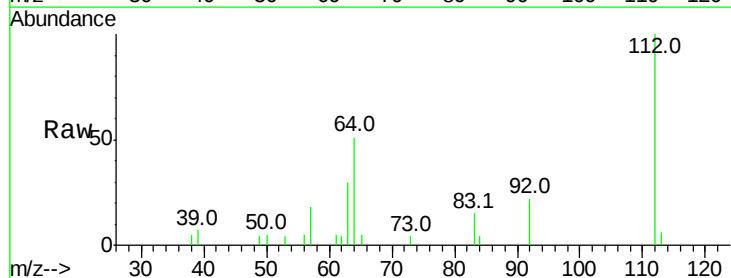
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#5

2-Fluorophenol
Concen: 10.07 ng m
RT: 5.24 min Scan# 638
Delta R.T. 0.06 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	46.0	69.0
63	29.7	23.4	35.0





#7

Phenol-d6

Concen: 17.76 ng

RT: 6.90 min Scan# 921

Delta R.T. 0.03 min

Lab File: BF096048.D

Acq: 20 Jun 2017 16:58

Instrument :

BNA_F

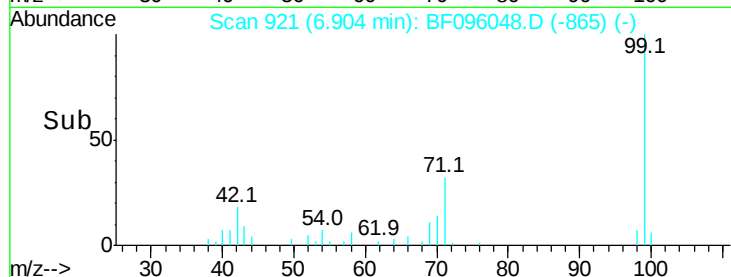
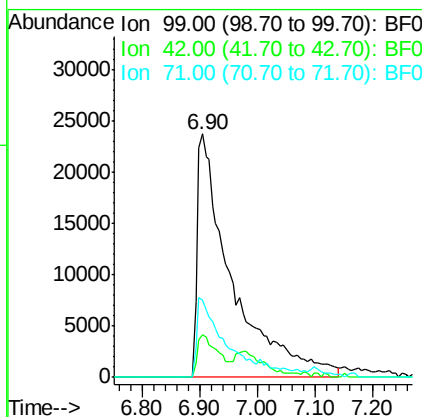
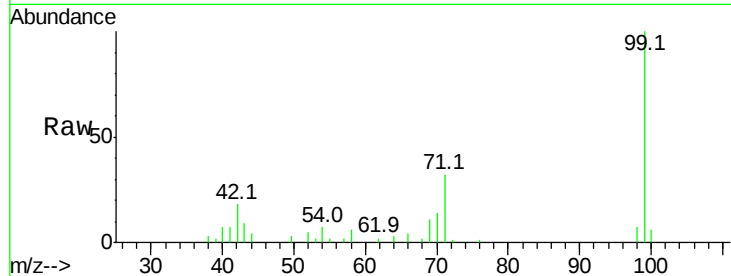
ClientSampleId :

FK-SF-02-001-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		99121		
42	17.6	13.5	20.3		
71	31.6	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

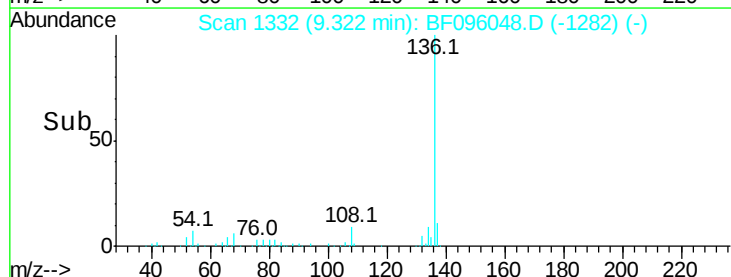
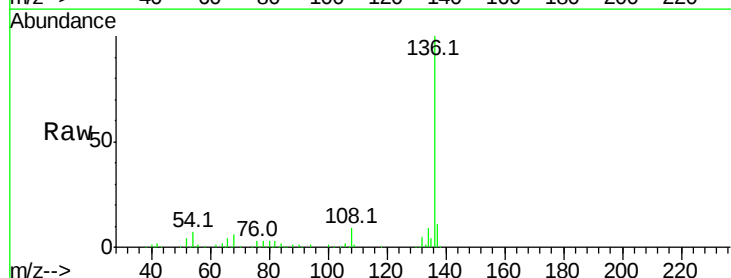
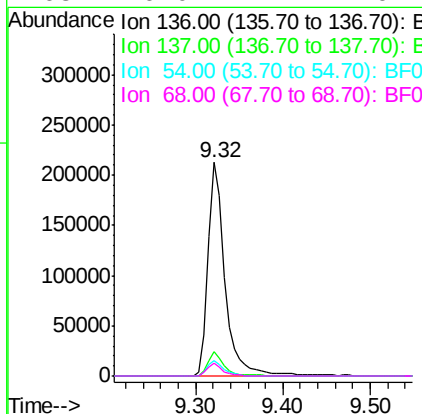
RT: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096048.D

Acq: 20 Jun 2017 16:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		291919		
137	11.3	8.5	12.7		
54	7.0	4.9	7.3		
68	6.0	4.1	6.1		





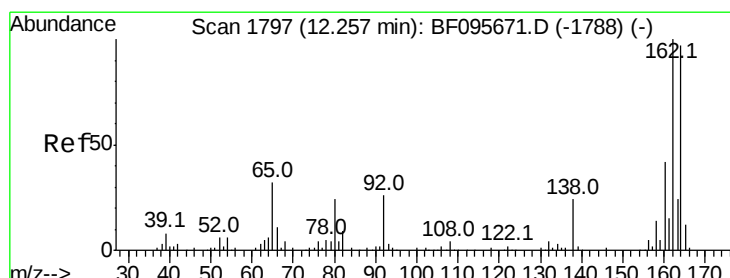
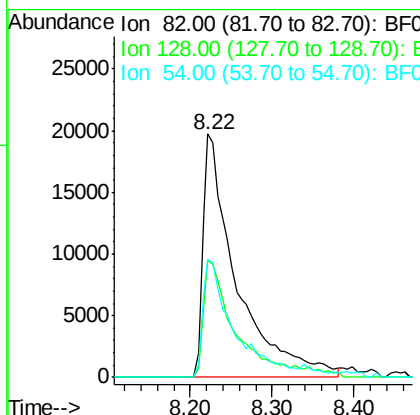
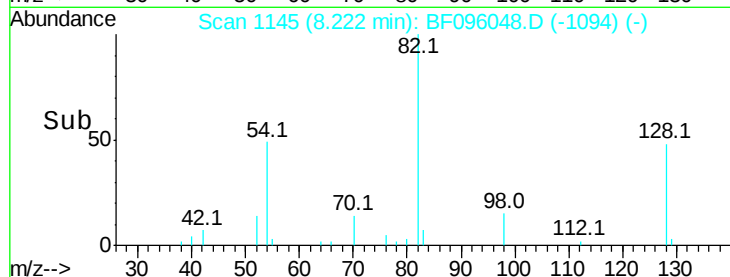
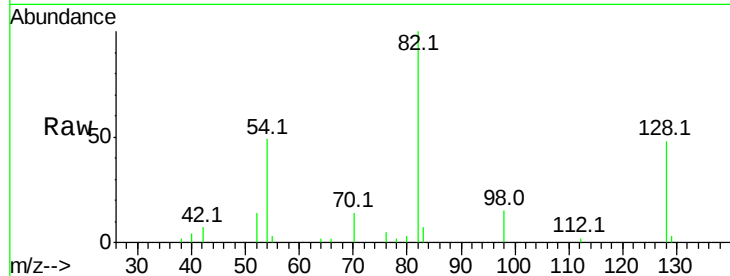
#23
 Nitrobenzene-d5
 Concen: 11.97 ng
 RT: 8.22 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF096048.D
 Acq: 20 Jun 2017 16:58

Instrument :
 BNA_F
 ClientSampled :
 FK-SF-02-001-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	48.6	42.2	63.2

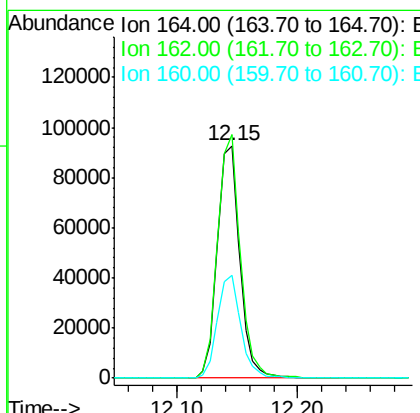
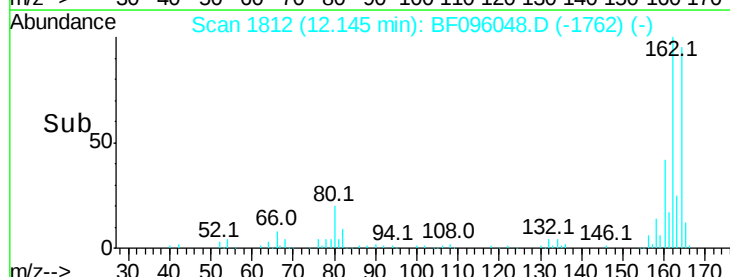
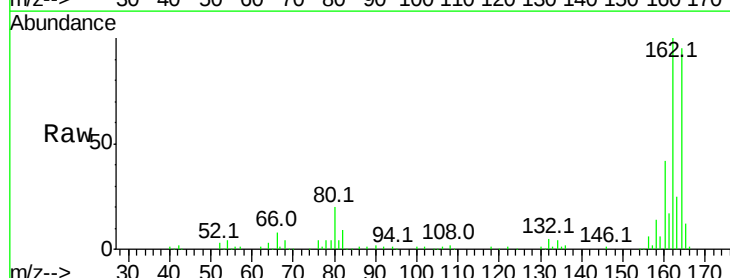
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.15 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096048.D
 Acq: 20 Jun 2017 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	44.0	36.2	54.2





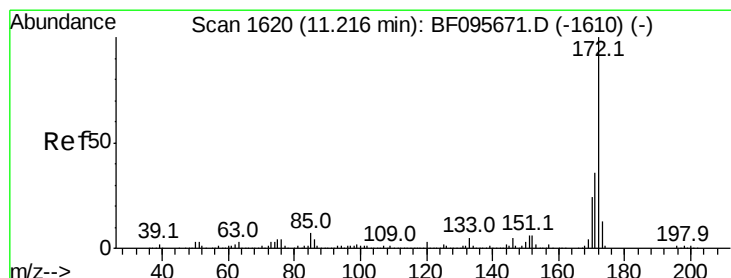
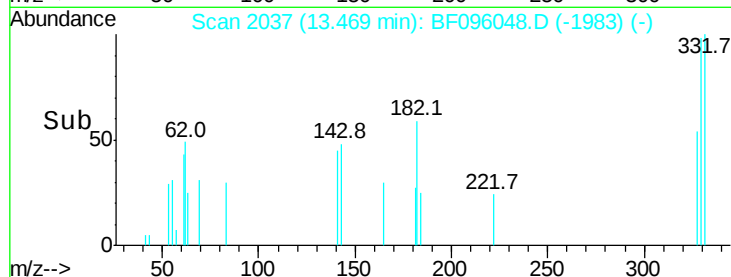
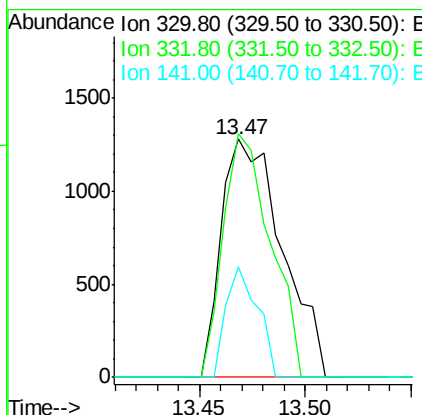
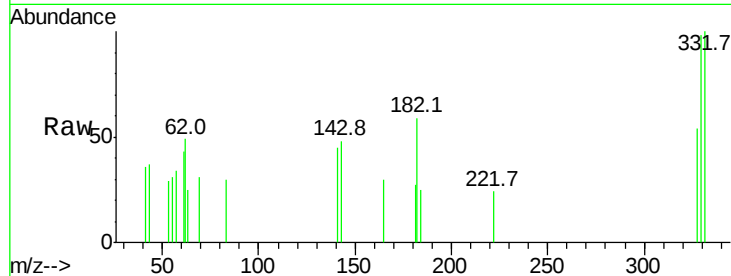
#41
 2,4,6-Tribromophenol
 Concen: 2.41 ng
 RT: 13.47 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF096048.D
 Acq: 20 Jun 2017 16:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-B

Tot Ion:330 Resp: 2556
 Ion Ratio Lower Upper
 330 100
 332 79.4 76.6 115.0
 141 24.0 31.4 47.2#

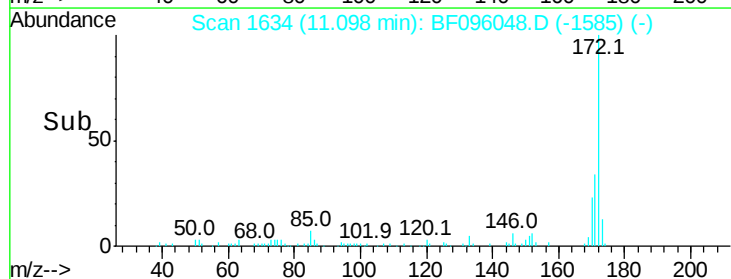
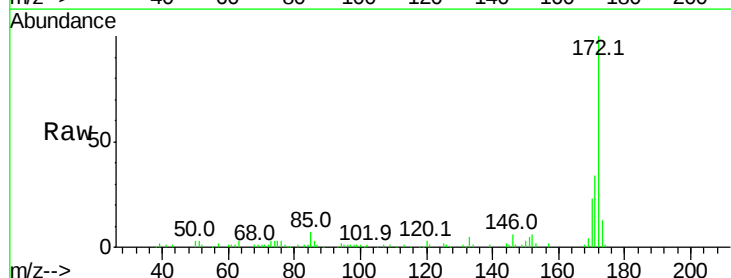
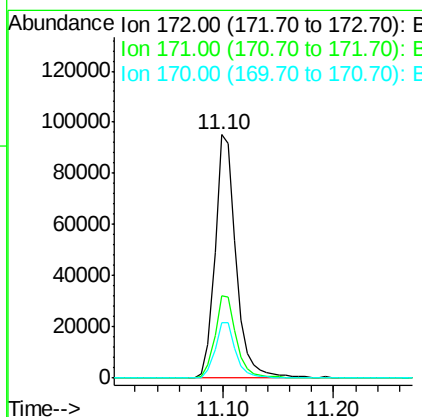
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#44
 2-Fluorobiphenyl
 Concen: 14.52 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096048.D
 Acq: 20 Jun 2017 16:58

Tgt Ion:172 Resp: 124917
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.6 44.4
 170 22.9 19.8 29.8





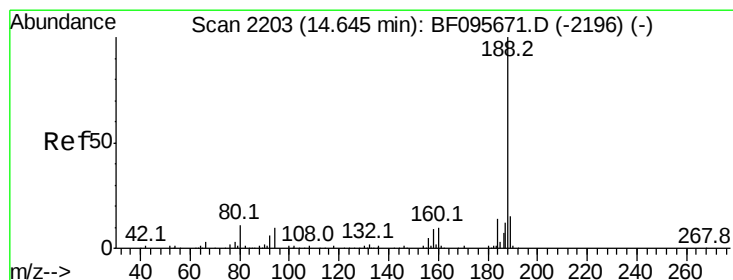
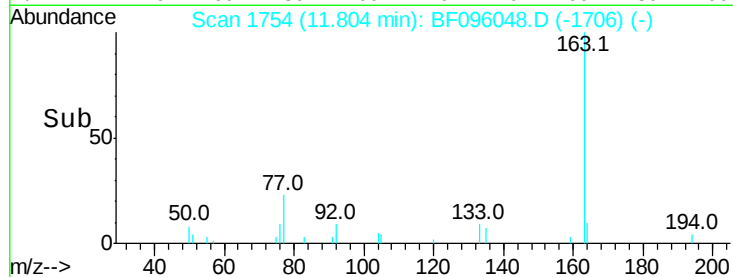
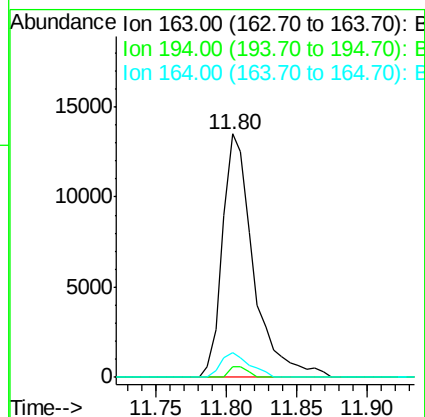
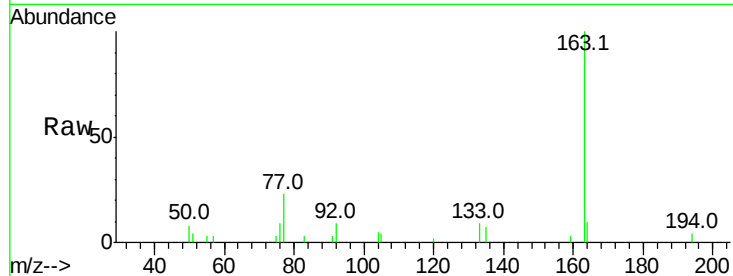
#49
Dimethylphthalate
Concen: 2.27 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.6	4.0#
164	10.4	8.4	12.6

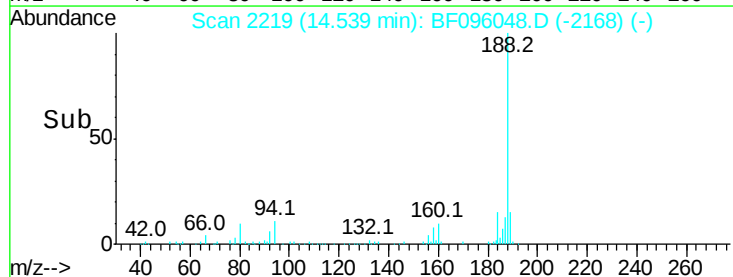
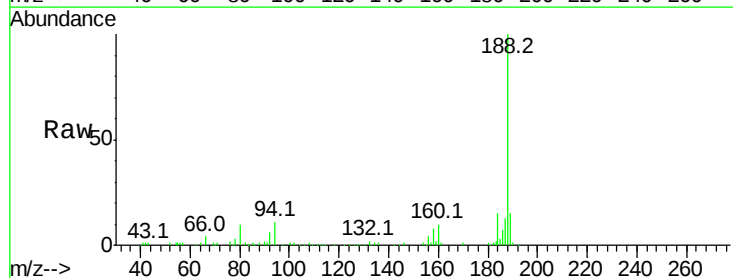
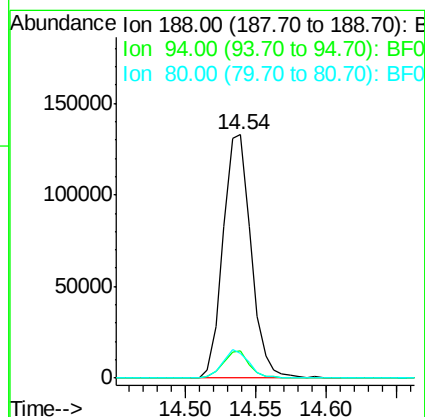
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.2	10.2	15.2





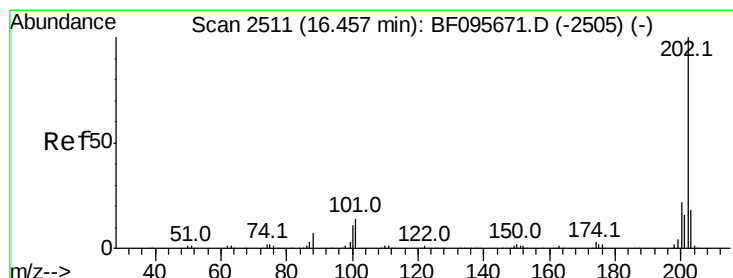
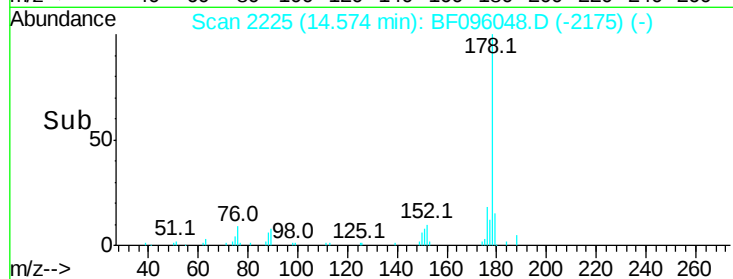
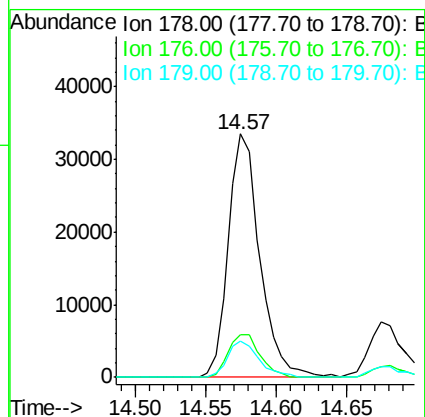
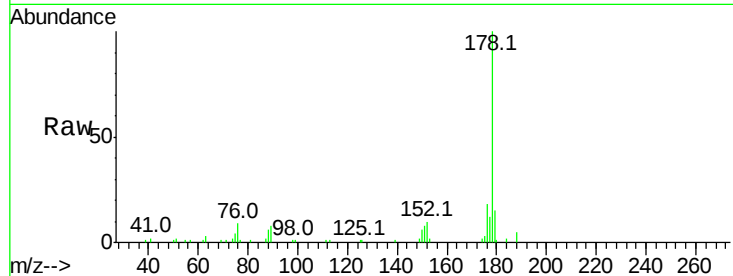
#70
Phenanthrene
Concen: 4.92 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	14.6	12.6	19.0

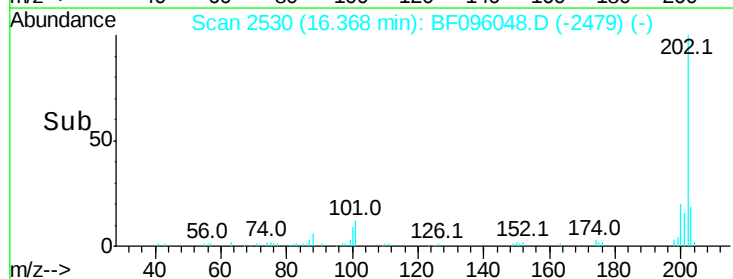
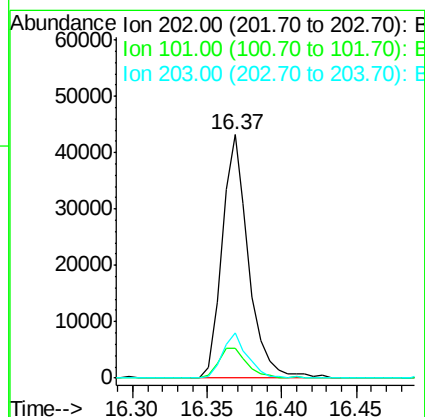
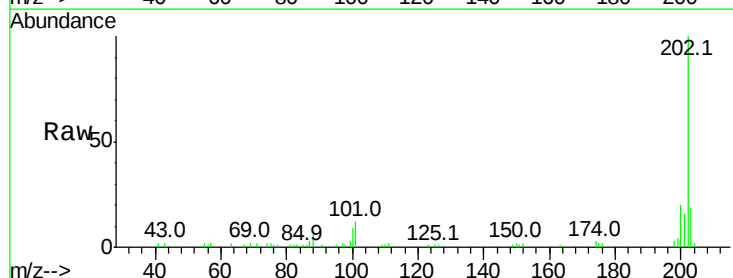
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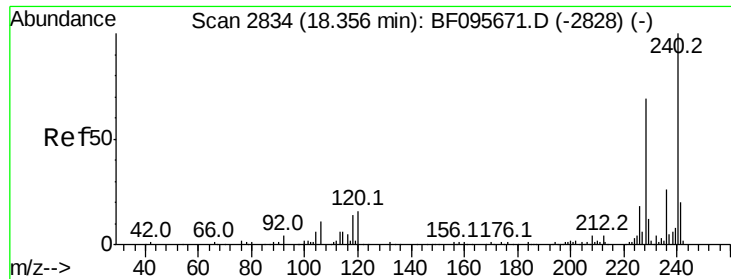
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#74
Fluoranthene
Concen: 5.09 ng
RT: 16.37 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	18.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096048.D

Acq: 20 Jun 2017 16:58

Instrument :

BNA_F

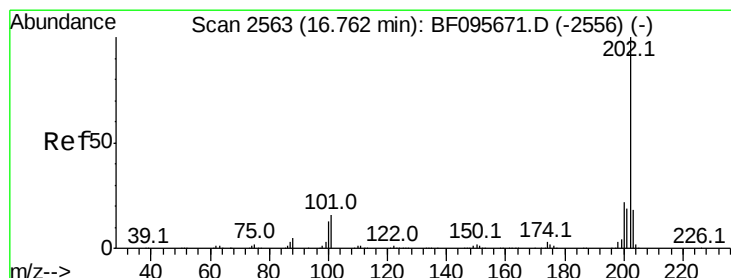
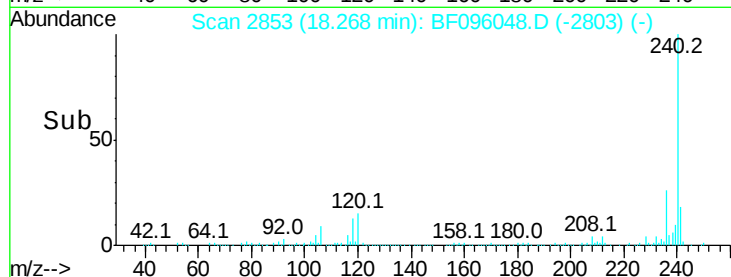
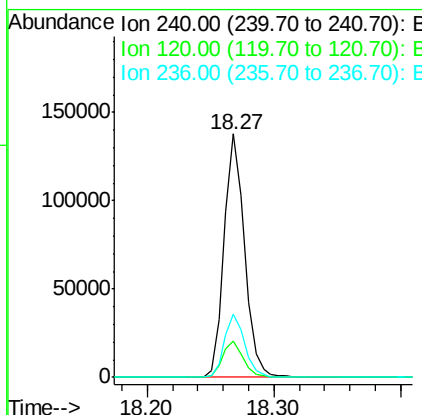
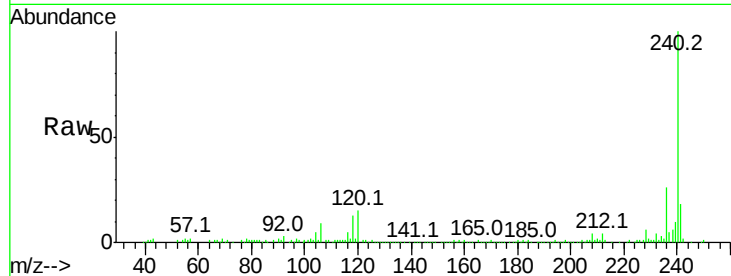
ClientSampleId :

FK-SF-02-001-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.7	20.5	30.7

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#77

Pyrene

Concen: 4.05 ng

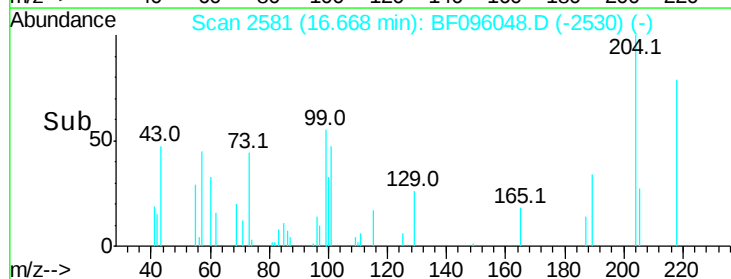
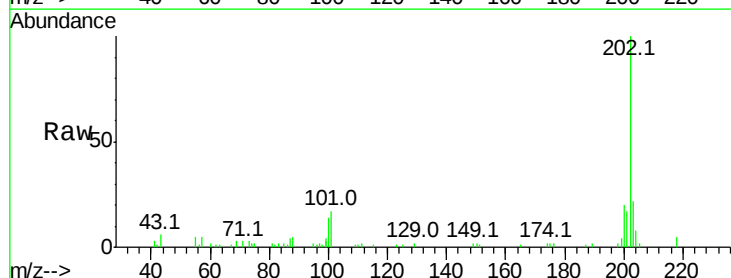
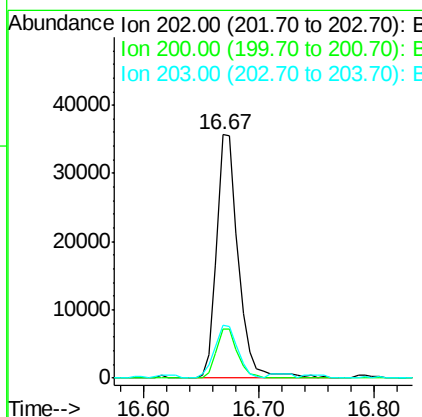
RT: 16.67 min Scan# 2581

Delta R.T. 0.00 min

Lab File: BF096048.D

Acq: 20 Jun 2017 16:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	21.7	14.4	21.6#





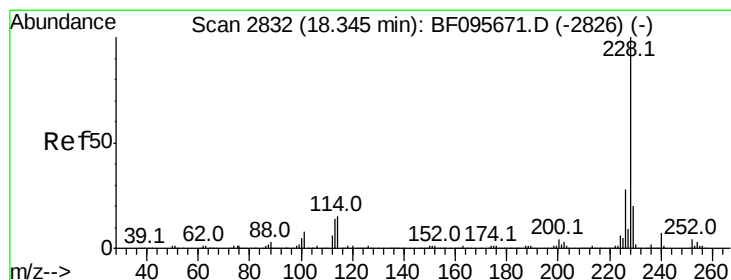
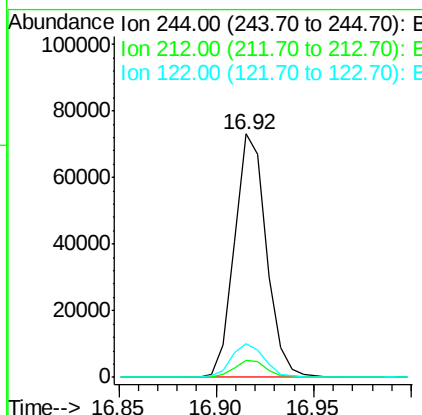
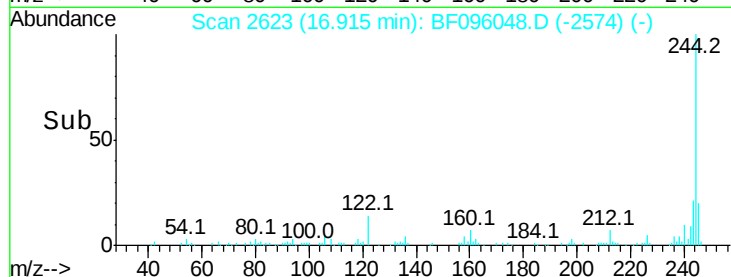
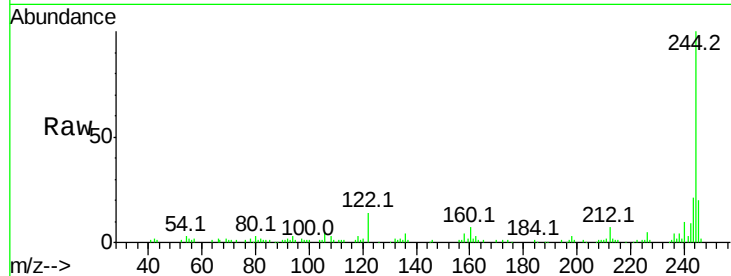
#78
 Terphenyl-d14
 Concen: 13.27 ng
 RT: 16.92 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF096048.D
 Acq: 20 Jun 2017 16:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.8	10.3	15.5

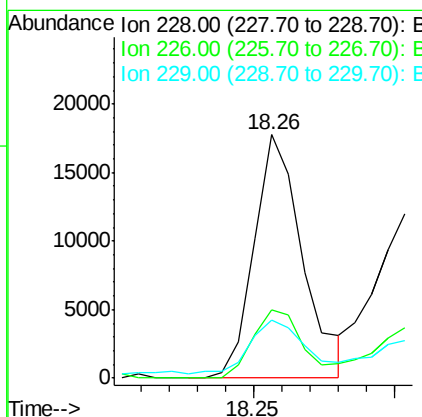
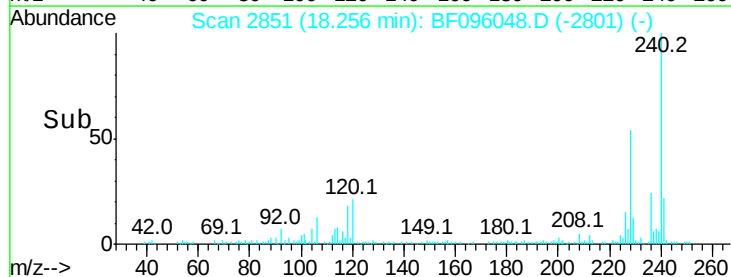
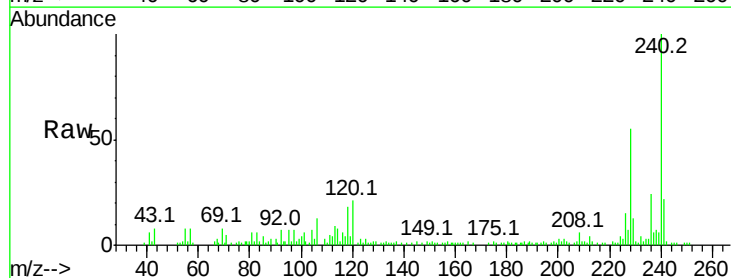
Manual Integrations
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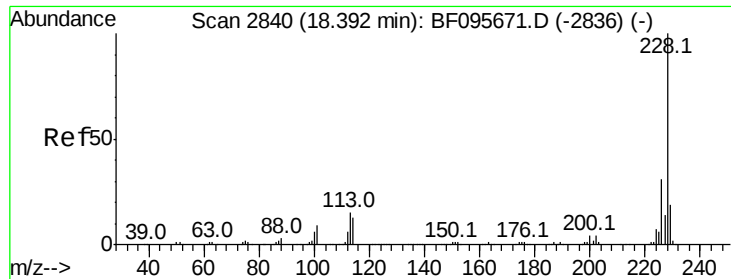
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#80
 Benzo(a)anthracene
 Concen: 2.36 ng
 RT: 18.26 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF096048.D
 Acq: 20 Jun 2017 16:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	24.0	16.3	24.5





#82

Chrysene

Concen: 2.26 ng

RT: 18.30 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BF096048.D

Acq: 20 Jun 2017 16:58

Instrument :

BNA_F

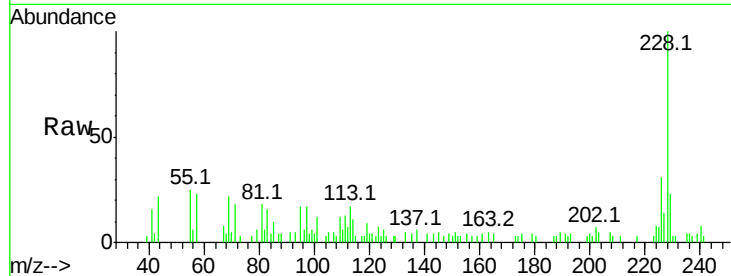
ClientSampleId :

FK-SF-02-001-B

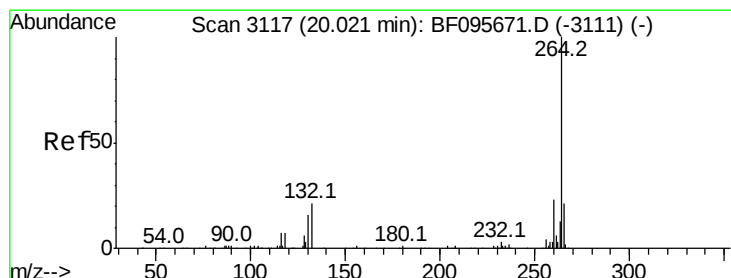
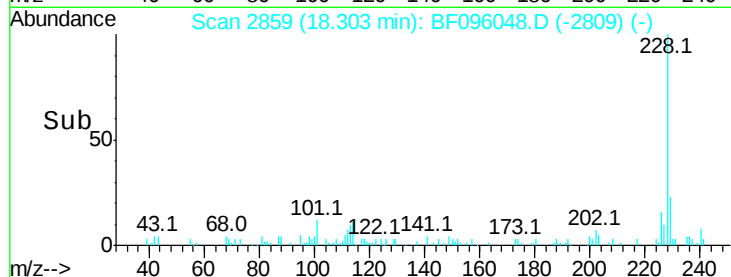
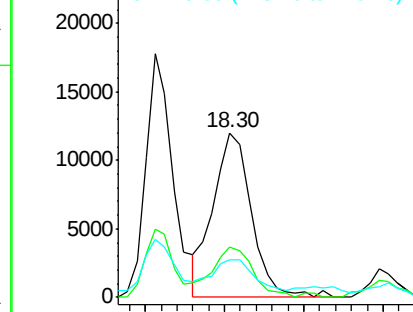
Tot Ion:	228	Resp:	20306
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.9	37.3
229	23.2	15.8	23.6

Manual Integrations
APPROVED

mohammad
6/21/2017 2:16:31 PM



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



#86

Perylene-d12

Concen: 20.00 ng

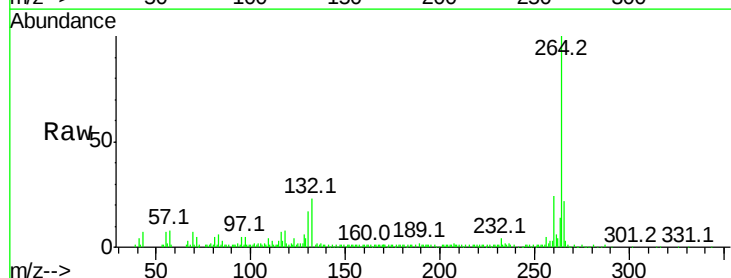
RT: 19.94 min Scan# 3138

Delta R.T. 0.01 min

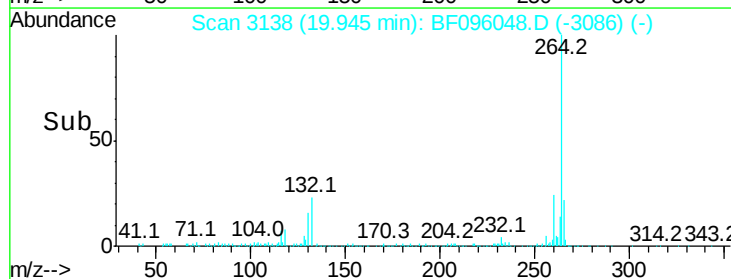
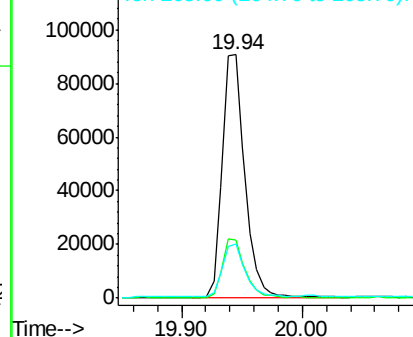
Lab File: BF096048.D

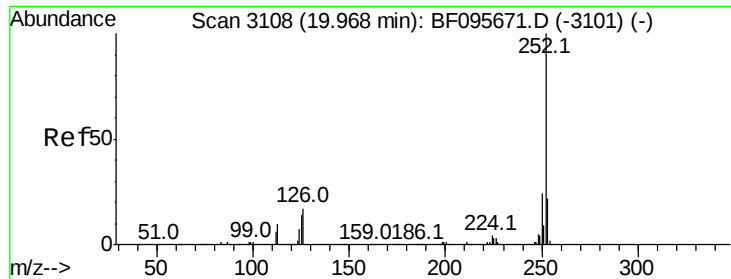
Acq: 20 Jun 2017 16:58

Tgt Ion:	264	Resp:	117396
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	22.4	17.2	25.8



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





#89
Benzo(a)pyrene
Concen: 2.15 ng
RT: 19.90 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.5	26.3#
125	29.2	11.0	16.4#

Manual Integrations
APPROVED

mohammad
6/21/2017 2:16:31 PM

