

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096063.D
 Acq On : 21 Jun 2017 1:04
 Operator : SJ/MA
 Sample : I3782-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK4-3-20170619

Manual Integrations
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mohammad
 6/21/2017 2:17:14 PM

Quant Time: Jun 21 02:29:23 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	70813	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	274642	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	107670	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	166077	20.00	ng	0.00
75) Chrysene-d12	18.27	240	129561	20.00	ng	0.00
86) Perylene-d12	19.94	264	95831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	612852	137.91	ng	0.00
7) Phenol-d6	6.87	99	738134	138.74	ng	0.00
23) Nitrobenzene-d5	8.22	82	395478	89.43	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	109409	114.85	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	683559	88.35	ng	0.00
78) Terphenyl-d14	16.92	244	441278	84.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.80	163	97942	11.98	ng	Qvalue # 98
70) Phenanthrene	14.57	178	33875	3.54	ng	99
74) Fluoranthene	16.37	202	47165	4.97	ng	97
77) Pyrene	16.67	202	43366	4.49	ng	# 96
80) Benzo(a)anthracene	18.26	228	19138m	2.54	ng	
82) Chrysene	18.30	228	17524	2.33	ng	96
87) Benzo(b)fluoranthene	19.54	252	16125m	2.69	ng	
89) Benzo(a)pyrene	19.89	252	12173	2.21	ng	# 85

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

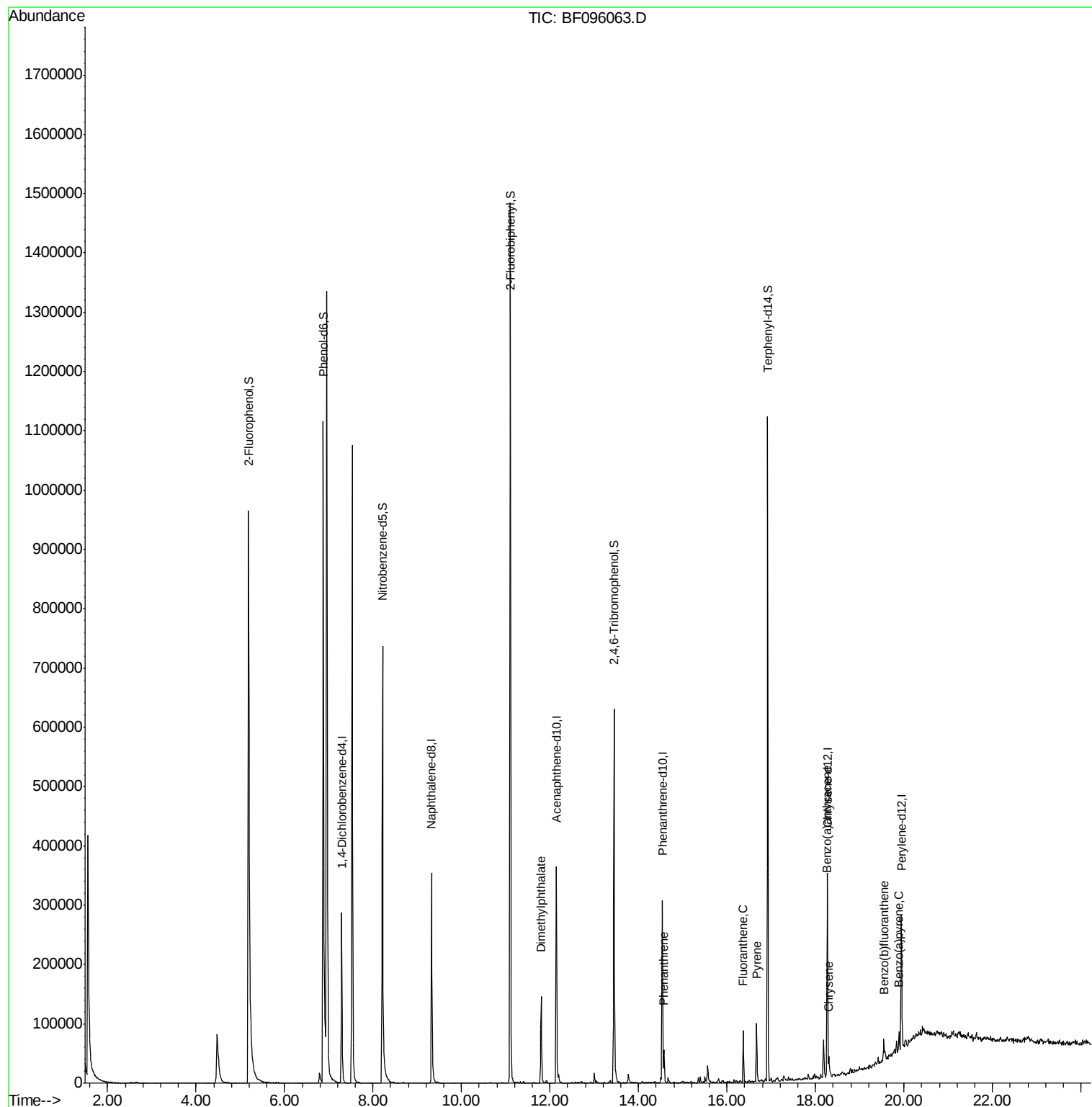
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096063.D
Acq On : 21 Jun 2017 1:04
Operator : SJ/MA
Sample : I3782-05
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Quant Time: Jun 21 02:29:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration





#1

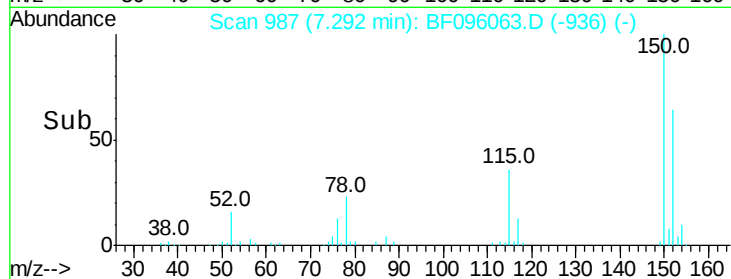
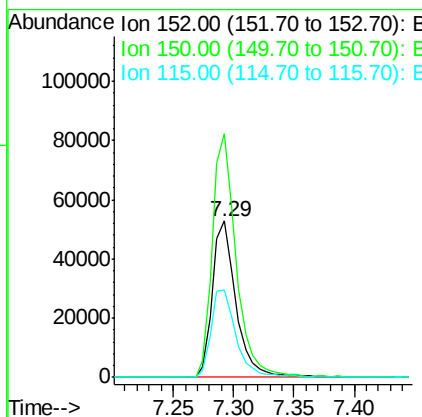
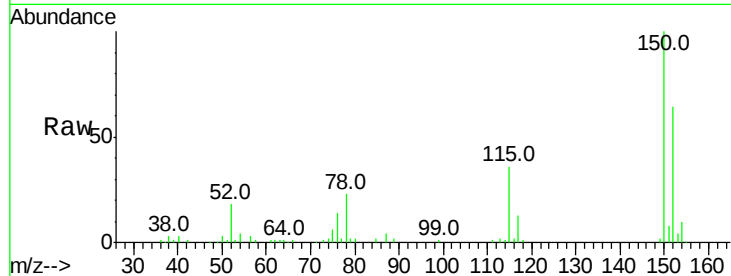
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096063.D
Acq: 21 Jun 2017 1:04

Instrument :
BNA_F
ClientSampleId :
TK4-3-20170619

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	56.3	52.2	78.2

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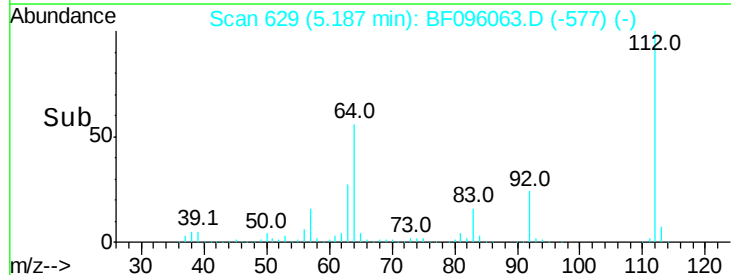
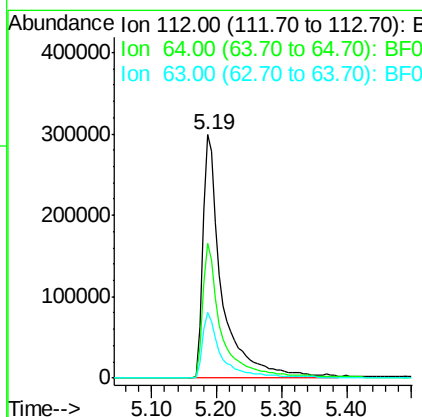
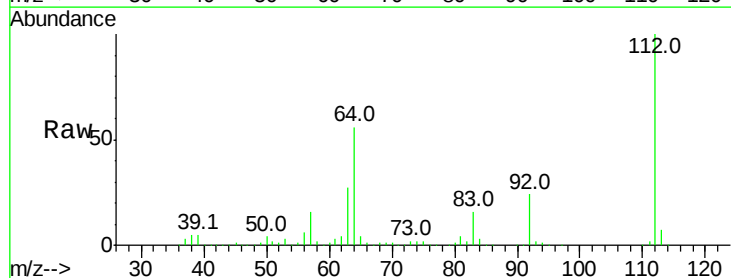
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#5

2-Fluorophenol
Concen: 137.91 ng
RT: 5.19 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF096063.D
Acq: 21 Jun 2017 1:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.0	69.0
63	26.8	23.4	35.0





#7

Phenol-d6

Concen: 138.74 ng

RT: 6.87 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF096063.D

Acq: 21 Jun 2017 1:04

Instrument :

BNA_F

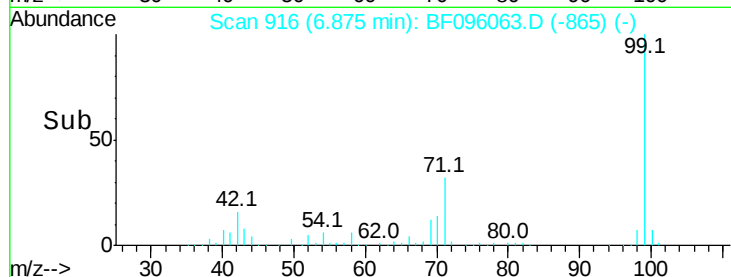
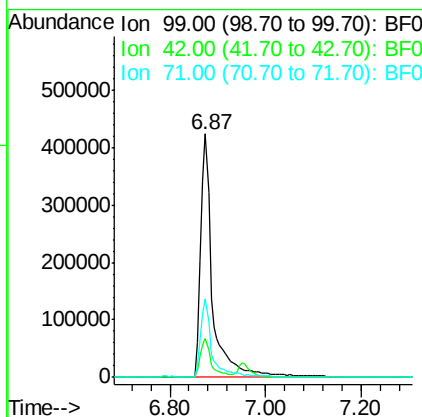
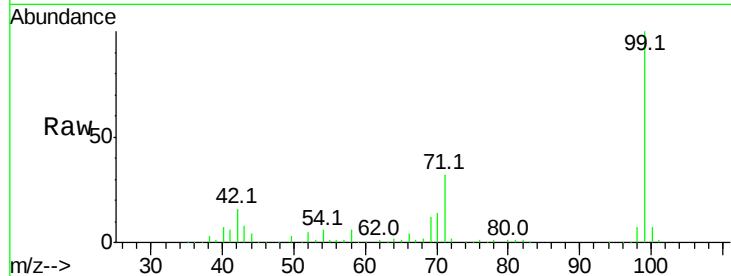
ClientSampleId :

TK4-3-20170619

Tot Ion:	99	Resp:	738134
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	32.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

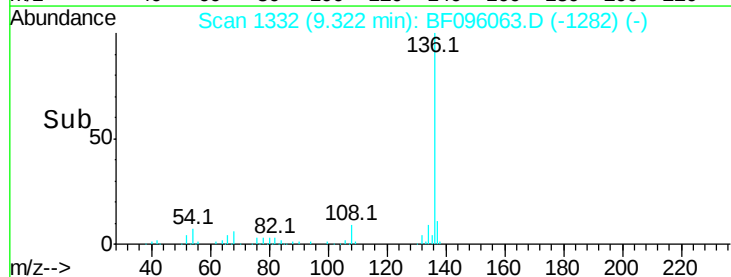
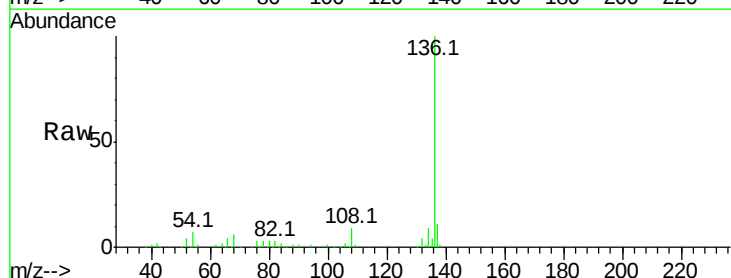
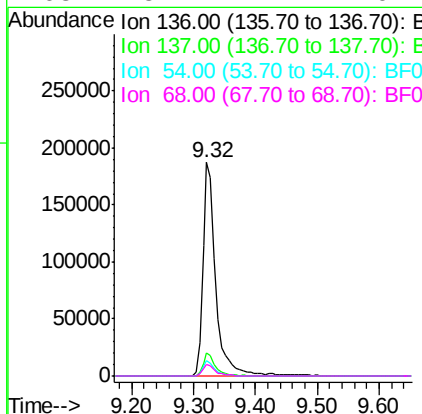
RT: 9.32 min Scan# 1332

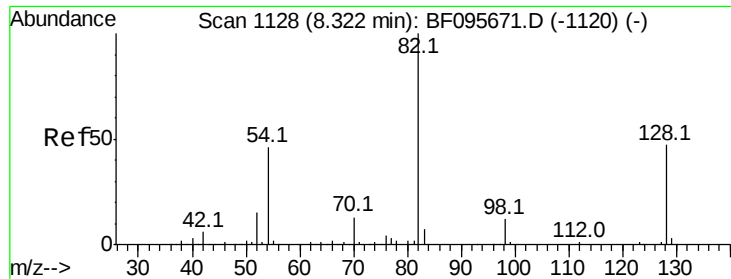
Delta R.T. -0.01 min

Lab File: BF096063.D

Acq: 21 Jun 2017 1:04

Tgt Ion:	136	Resp:	274642
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	7.0	4.9	7.3
68	5.7	4.1	6.1





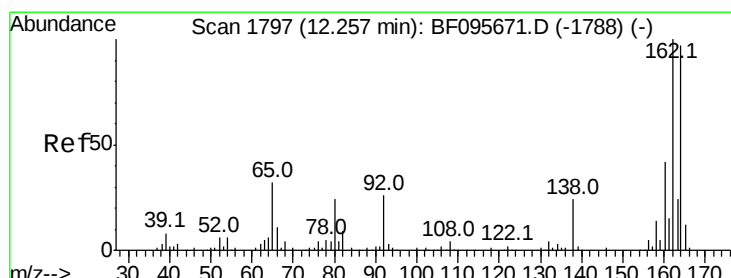
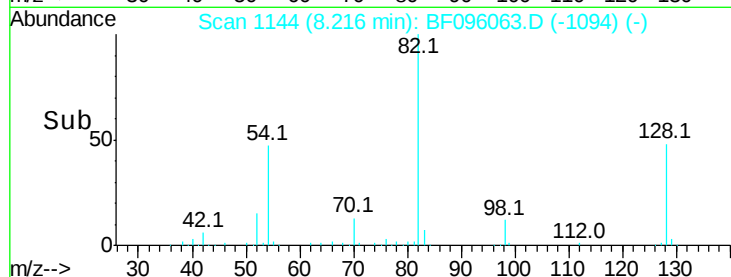
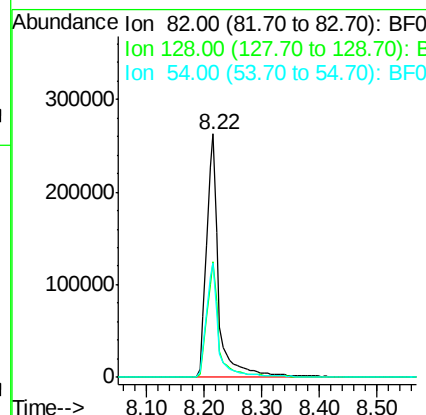
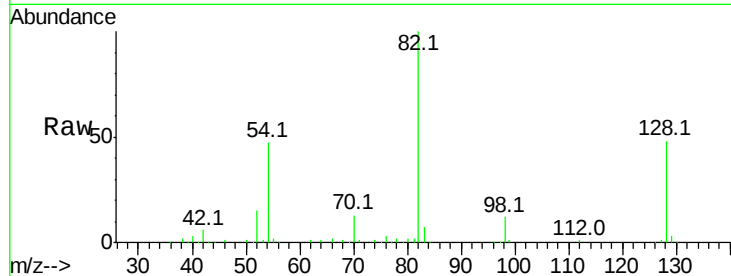
#23
Nitrobenzene-d5
Concen: 89.43 ng
RT: 8.22 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF096063.D
Acq: 21 Jun 2017 1:04

Instrument :
BNA_F
ClientSampleId :
TK4-3-20170619

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	46.9	42.2	63.2

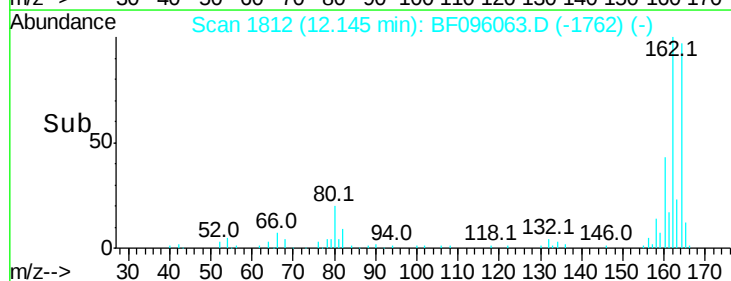
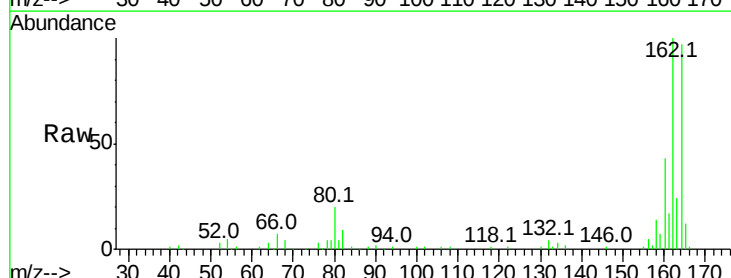
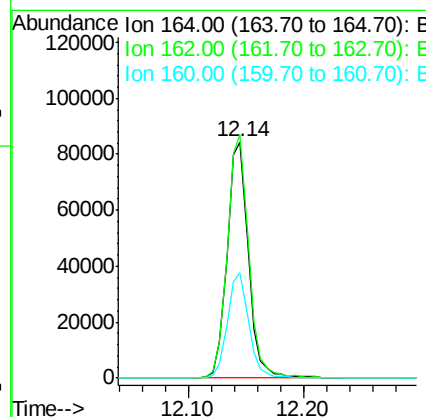
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096063.D
Acq: 21 Jun 2017 1:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.4	36.2	54.2





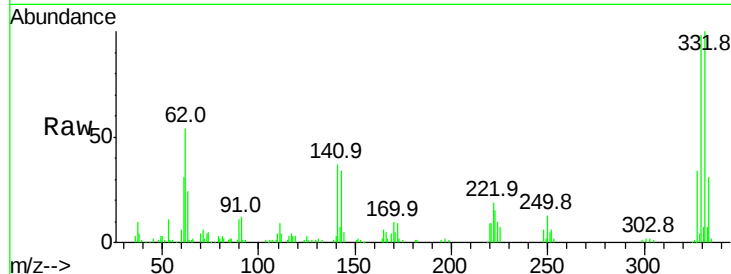
#41
 2,4,6-Tribromophenol
 Concen: 114.85 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096063.D
 Acq: 21 Jun 2017 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TK4-3-20170619

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	76.6	115.0	
141	38.0	31.4	47.2	

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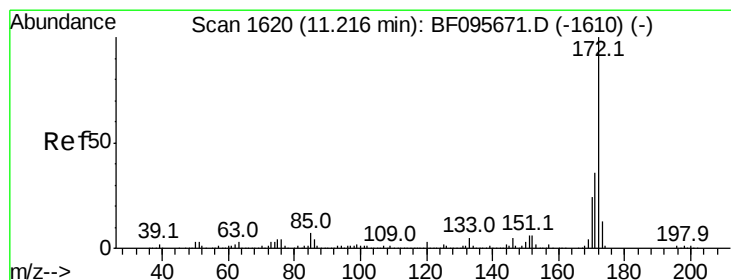
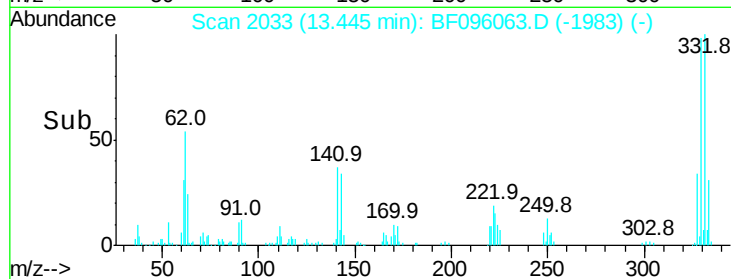
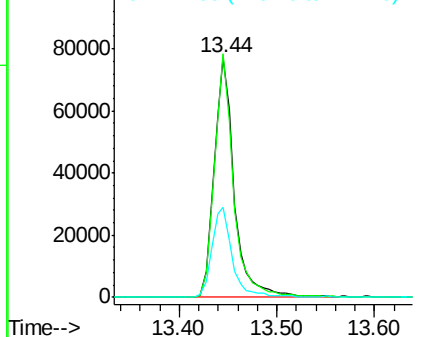


Abundance

Ion 329.80 (329.50 to 330.50): E

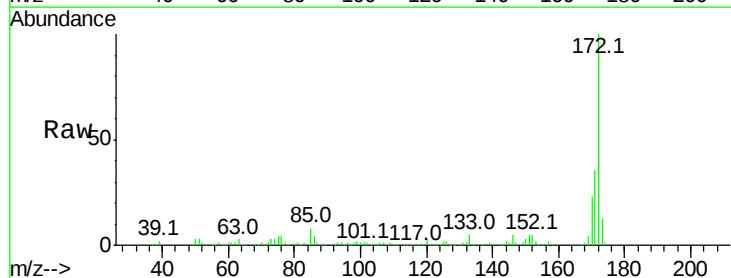
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.35 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096063.D
 Acq: 21 Jun 2017 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.6	44.4	
170	23.2	19.8	29.8	

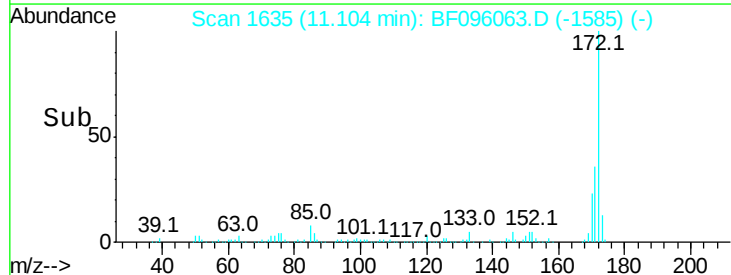
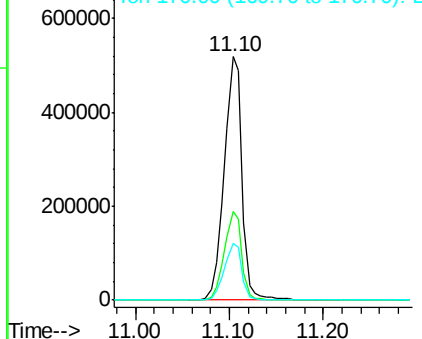


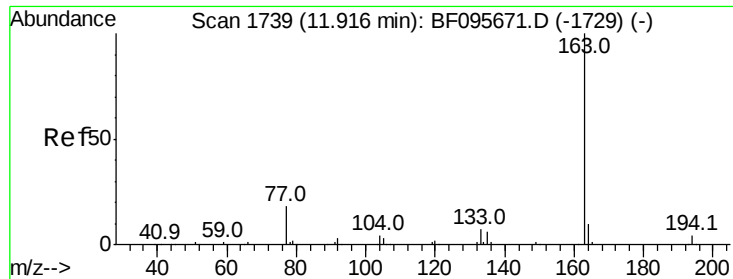
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





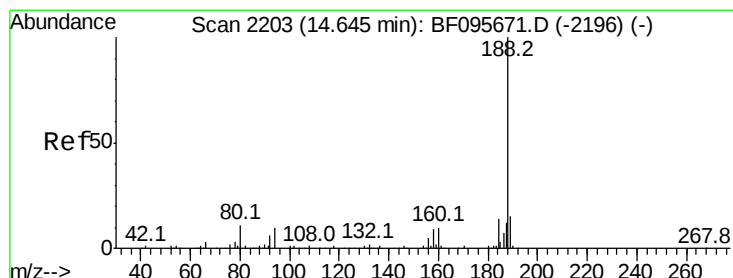
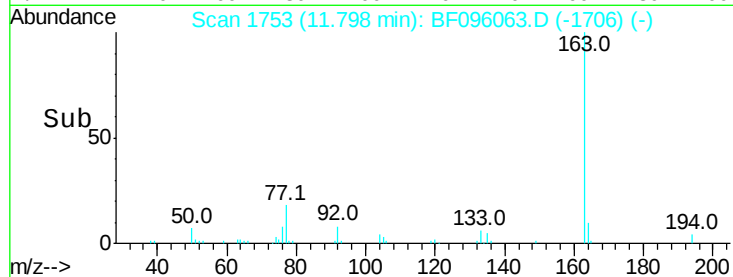
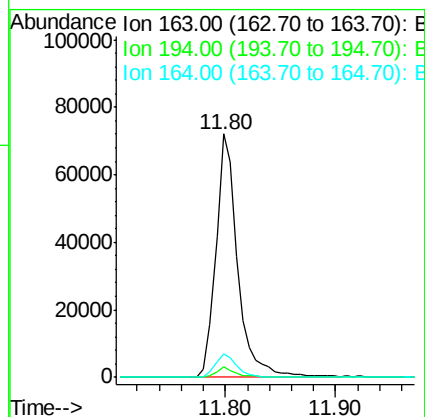
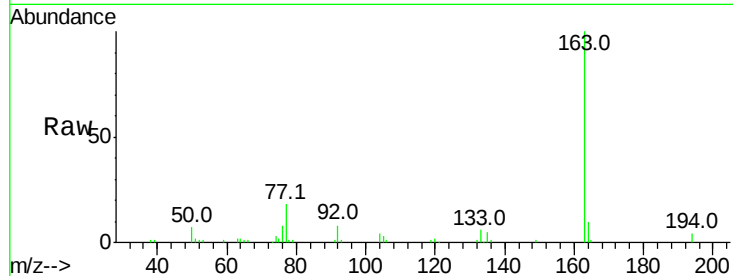
#49
Dimethylphthalate
Concen: 11.98 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096063.D
Acq: 21 Jun 2017 1:04

Instrument :
BNA_F
ClientSampleId :
TK4-3-20170619

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.6	4.0#
164	9.9	8.4	12.6

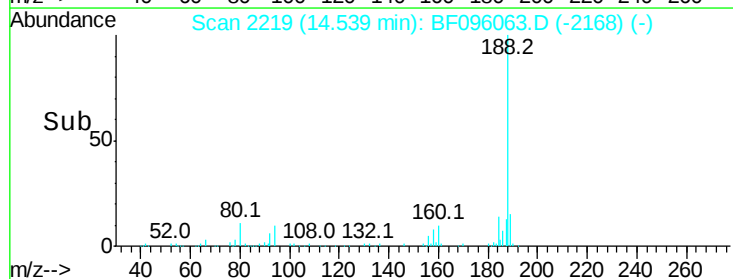
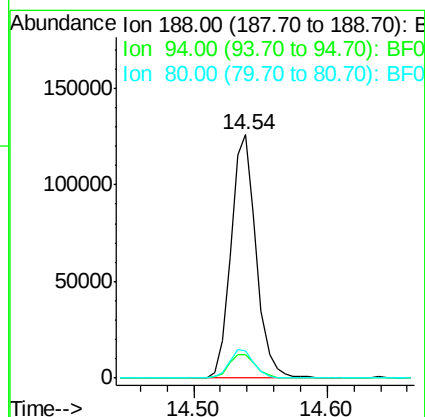
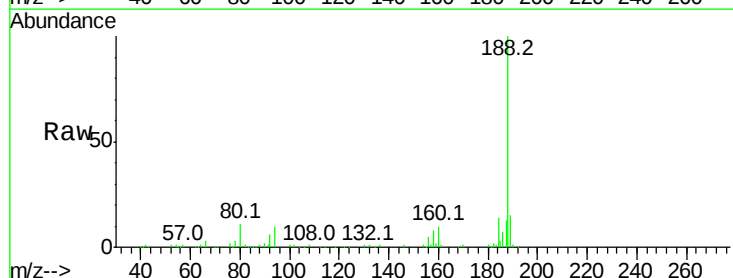
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096063.D
Acq: 21 Jun 2017 1:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	11.4	10.2	15.2





#70

Phenanthrene

Concen: 3.54 ng

RT: 14.57 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BF096063.D

Acq: 21 Jun 2017 1:04

Instrument :

BNA_F

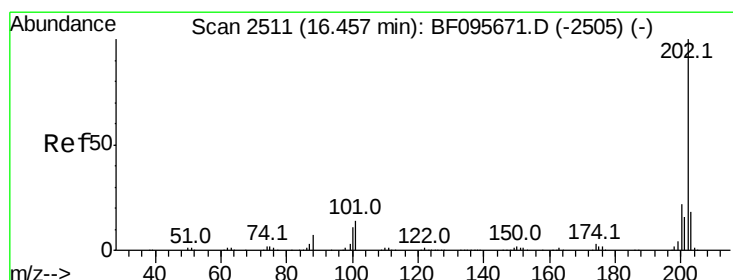
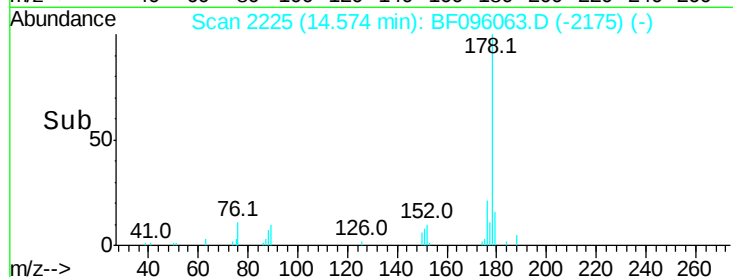
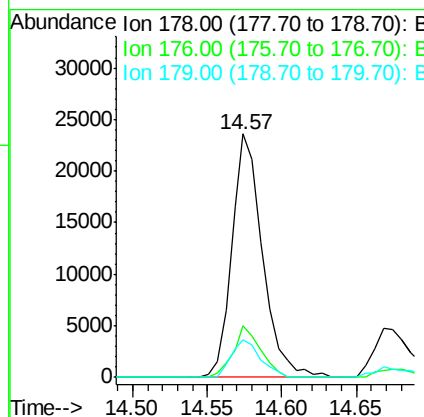
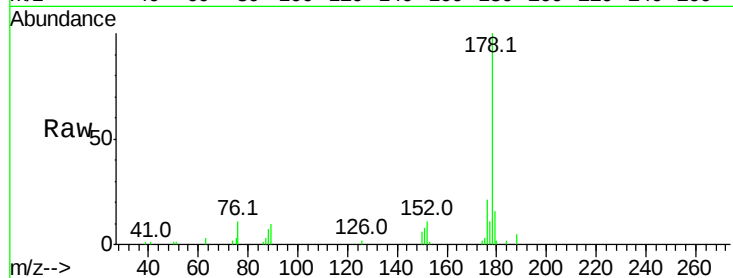
ClientSampleId :

TK4-3-20170619

Tot Ion:	178	Resp:	33875
Ion Ratio	Lower	Upper	
178	100		
176	21.1	16.2	24.4
179	15.6	12.6	19.0

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#74

Fluoranthene

Concen: 4.97 ng

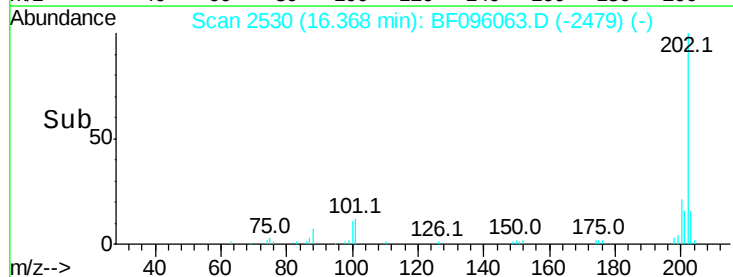
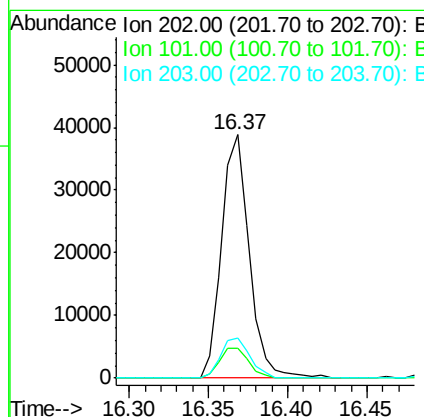
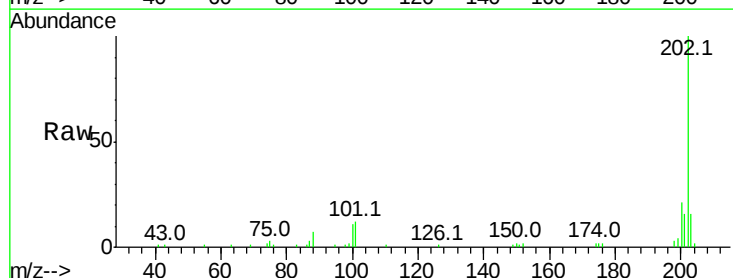
RT: 16.37 min Scan# 2530

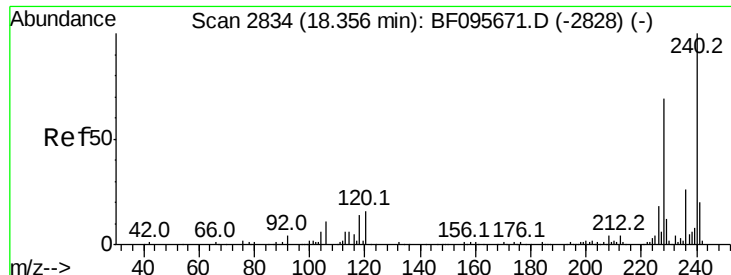
Delta R.T. 0.00 min

Lab File: BF096063.D

Acq: 21 Jun 2017 1:04

Tgt Ion:	202	Resp:	47165
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.2
203	16.4	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: BF096063.D

Acq: 21 Jun 2017 1:04

Instrument :

BNA_F

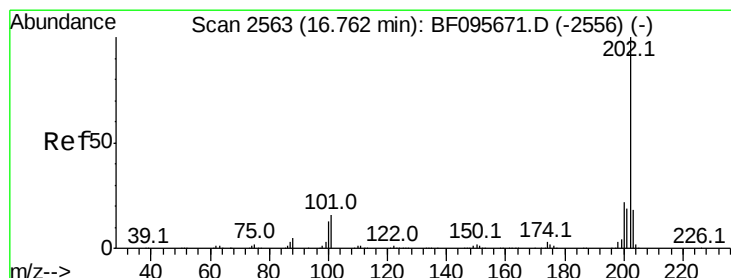
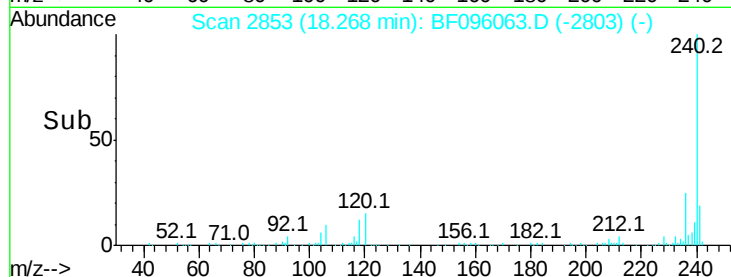
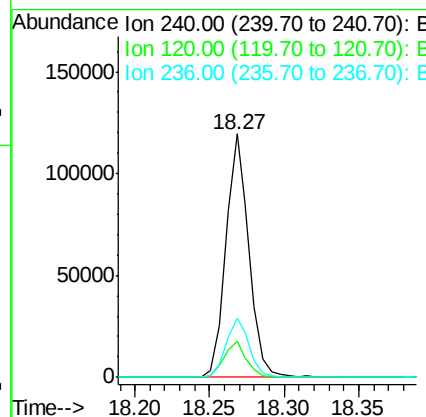
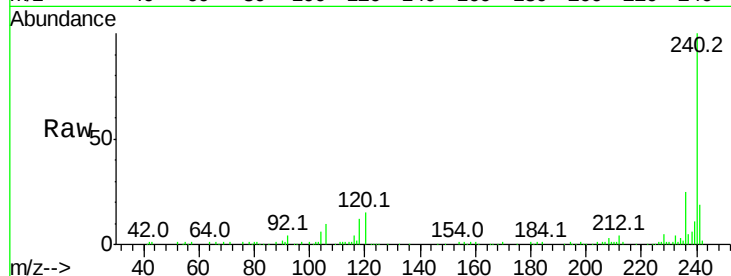
ClientSampleId :

TK4-3-20170619

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	24.6	20.5	30.7

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#77

Pyrene

Concen: 4.49 ng

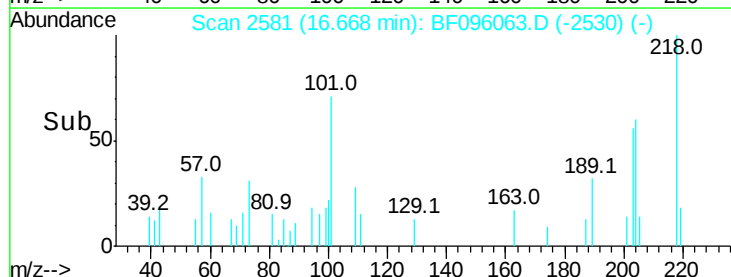
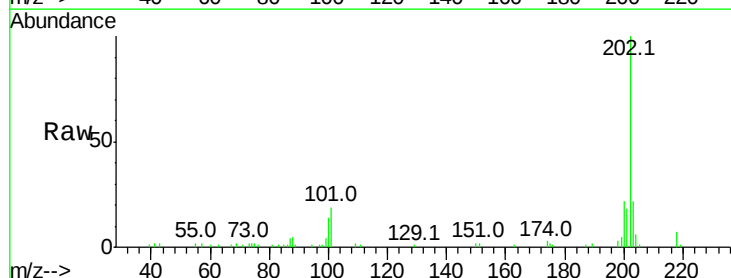
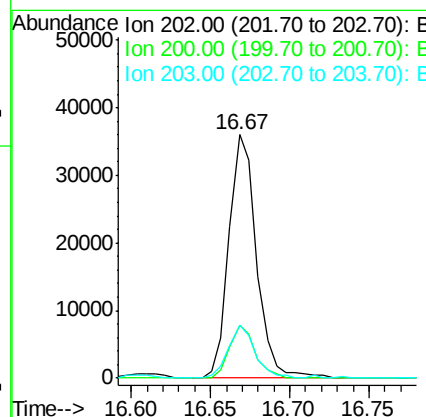
RT: 16.67 min Scan# 2581

Delta R.T. 0.00 min

Lab File: BF096063.D

Acq: 21 Jun 2017 1:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	21.8	14.4	21.6#





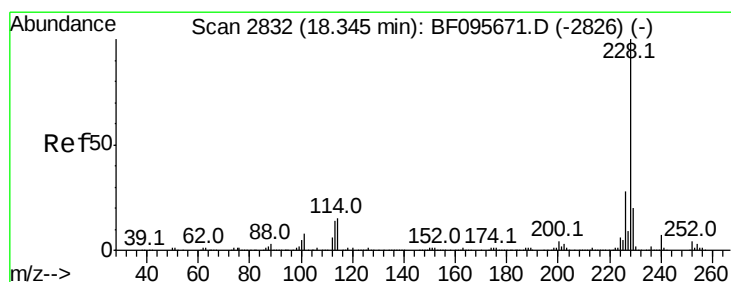
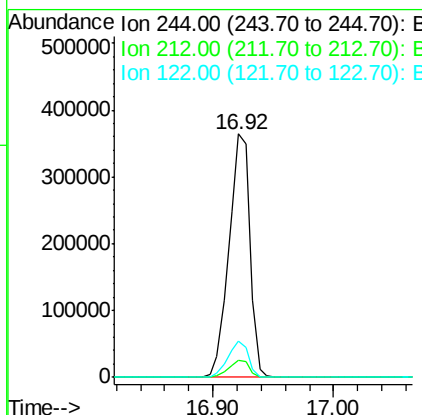
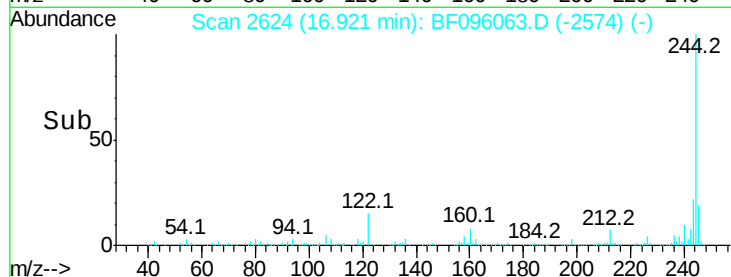
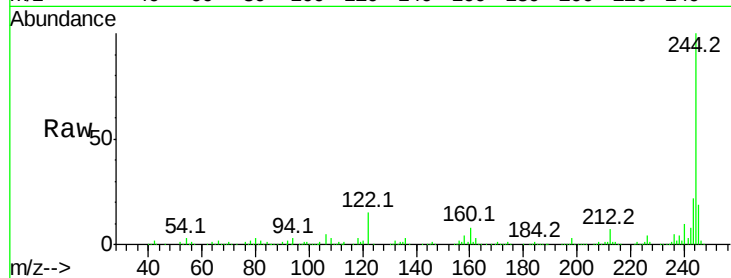
#78
 Terphenyl-d14
 Concen: 84.53 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096063.D
 Acq: 21 Jun 2017 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TK4-3-20170619

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.1	10.3	15.5

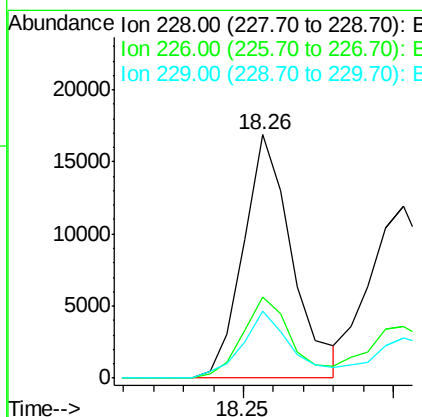
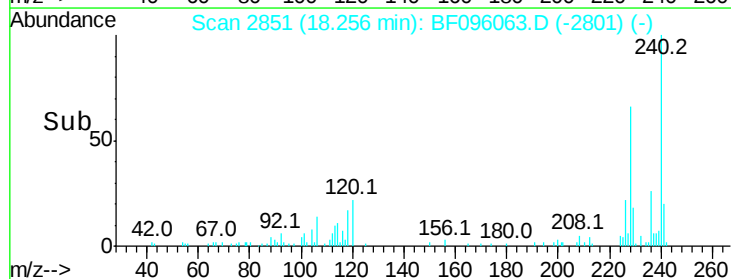
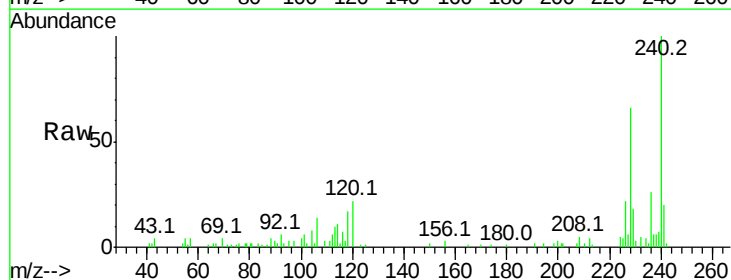
Manual Integrations
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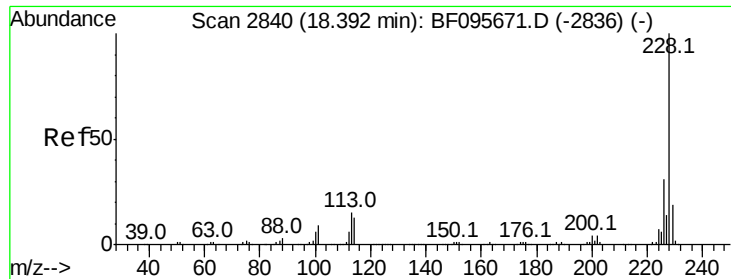
mohammad
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#80
 Benzo(a)anthracene
 Concen: 2.54 ng m
 RT: 18.26 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF096063.D
 Acq: 21 Jun 2017 1:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.6	33.8
229	27.5	16.3	24.5





#82

Chrysene

Concen: 2.33 ng

RT: 18.30 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BF096063.D

Acq: 21 Jun 2017 1:04

Instrument :

BNA_F

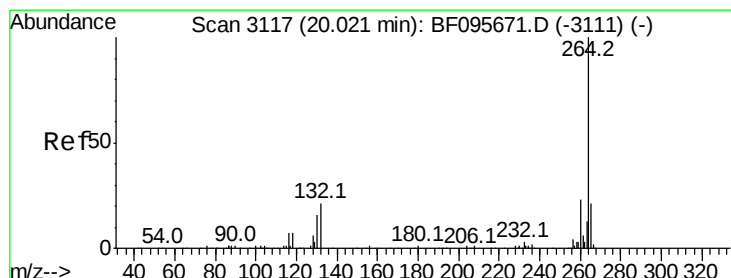
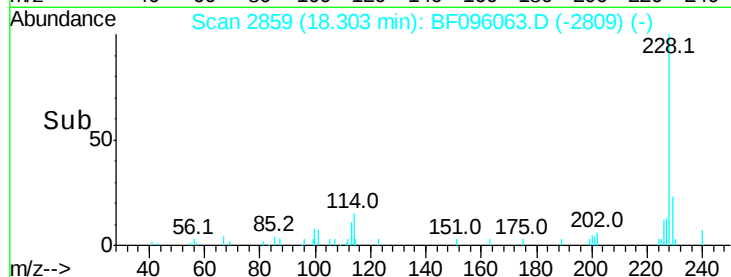
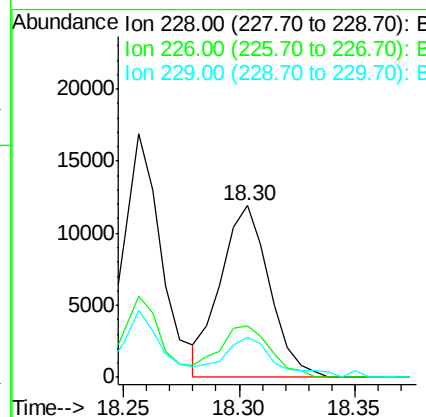
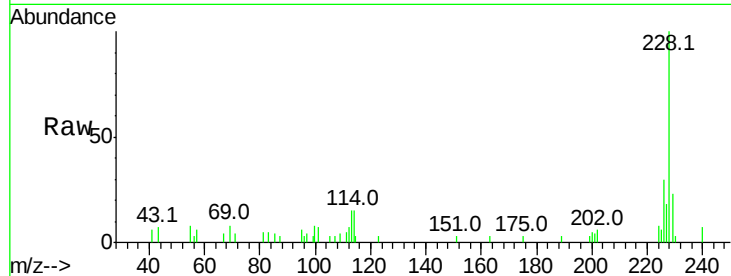
ClientSampleId :

TK4-3-20170619

Tot Ion:	228	Resp:	17524
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	23.3	15.8	23.6

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

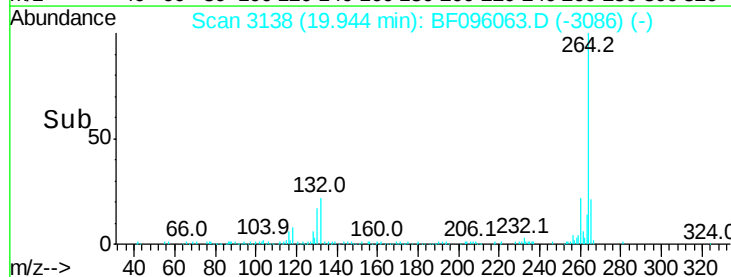
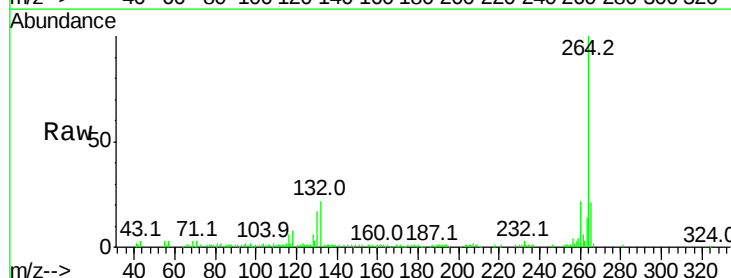
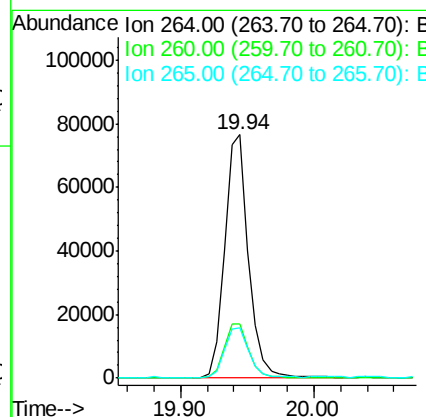
RT: 19.94 min Scan# 3138

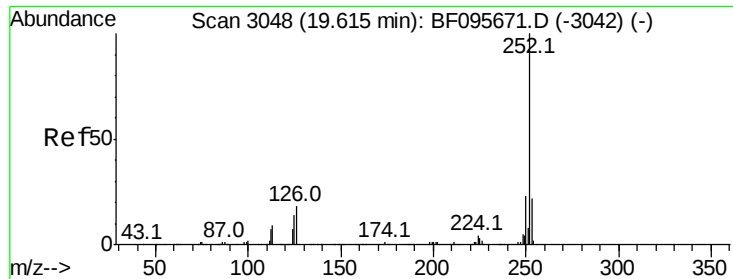
Delta R.T. 0.01 min

Lab File: BF096063.D

Acq: 21 Jun 2017 1:04

Tgt Ion:	264	Resp:	95831
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.5	29.3
265	20.9	17.2	25.8





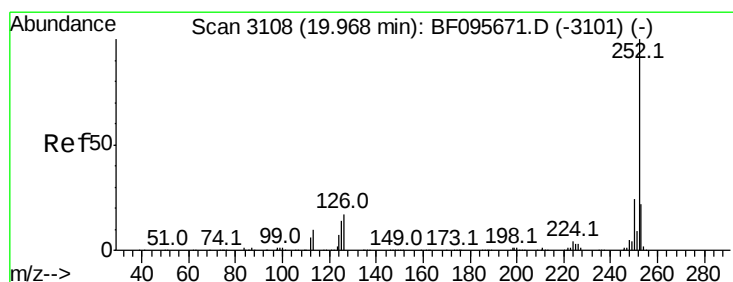
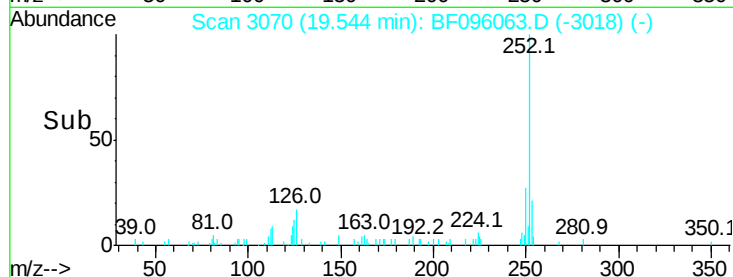
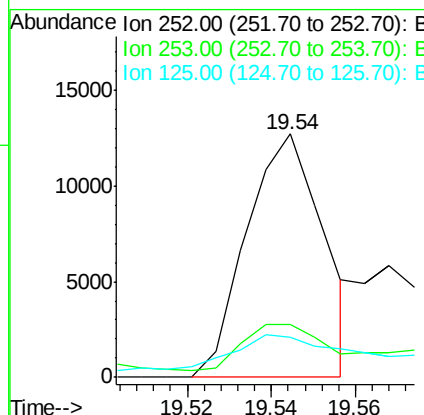
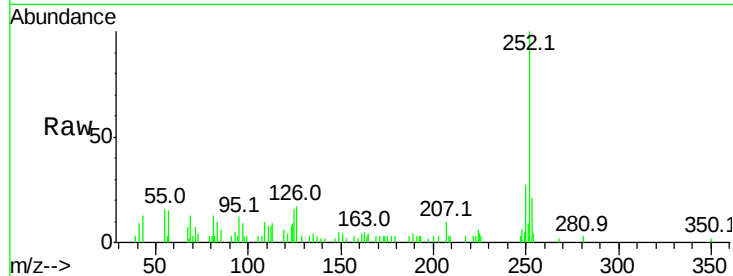
#87
Benzo(b)fluoranthene
Concen: 2.69 ng
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096063.D
Acq: 21 Jun 2017 1:04

Instrument :
BNA_F
ClientSampleId :
TK4-3-20170619

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	16.3	9.8	14.8

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.21 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096063.D
Acq: 21 Jun 2017 1:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.5	26.3
125	21.4	11.0	16.4

