

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096084.D
 Acq On : 21 Jun 2017 14:59
 Operator : SJ/MA
 Sample : I3782-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK4-5-20170619

Manual Integrations
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 6/22/2017 5:34:22 PM

Quant Time: Jun 21 16:26:14 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	81773	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	336361	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	153965	20.00	ng	-0.01
63) Phenanthrene-d10	14.53	188	239197	20.00	ng	0.00
75) Chrysene-d12	18.27	240	161187	20.00	ng	0.00
86) Perylene-d12	19.94	264	161055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	568228	110.73	ng	0.00
7) Phenol-d6	6.86	99	700102	113.96	ng	-0.01
23) Nitrobenzene-d5	8.21	82	372343	68.75	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	122242	89.74	ng	-0.01
44) 2-Fluorobiphenyl	11.10	172	664538	60.06	ng	0.00
78) Terphenyl-d14	16.92	244	421808	64.94	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.80	163	99922	8.55	ng	99
70) Phenanthrene	14.57	178	198342	14.37	ng	98
71) Anthracene	14.67	178	35881m	2.49	ng	
74) Fluoranthene	16.36	202	287057	21.01	ng	99
77) Pyrene	16.66	202	254197	21.14	ng	# 95
80) Benzo(a)anthracene	18.26	228	96246	10.27	ng	97
82) Chrysene	18.30	228	101716	10.86	ng	99
85) Indeno(1,2,3-cd)pyrene	21.11	276	54213	6.77	ng	93
87) Benzo(b)fluoranthene	19.54	252	123994m	12.30	ng	
88) Benzo(k)fluoranthene	19.57	252	45594m	4.73	ng	
89) Benzo(a)pyrene	19.89	252	91758	9.90	ng	# 92
90) Dibenzo(a,h)anthracene	21.10	278	16073	2.04	ng	# 71
91) Benzo(a,h,i)perylene	21.44	276	48557	6.06	ng	97

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

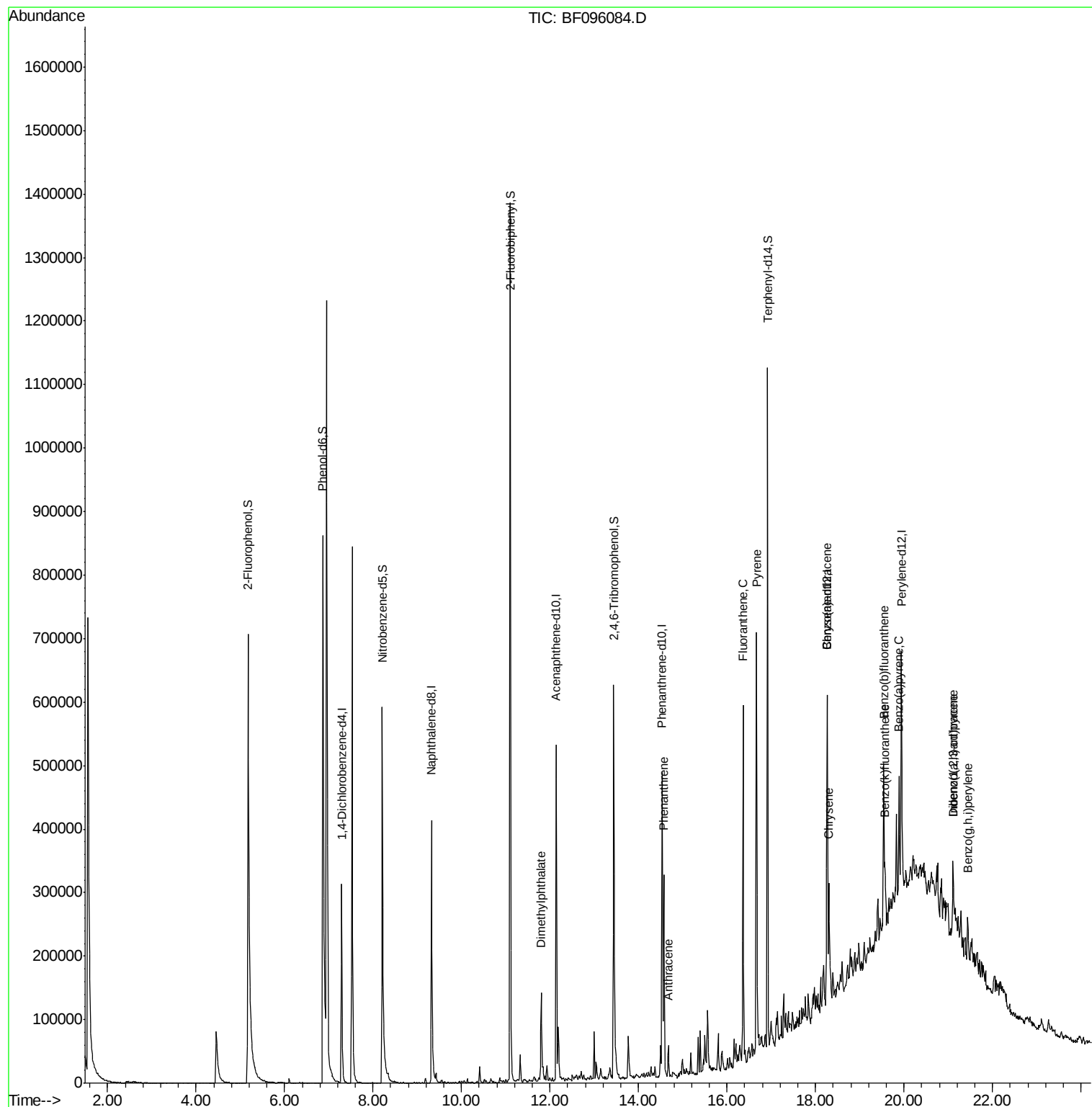
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
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Quant Time: Jun 21 16:26:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

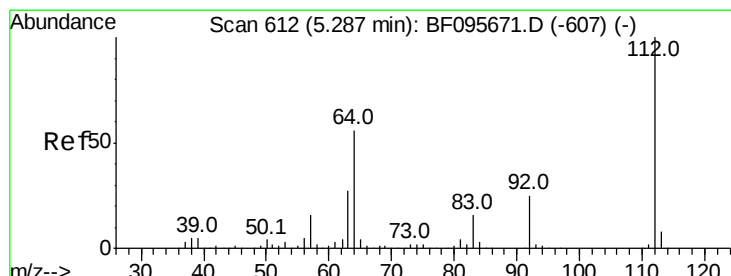
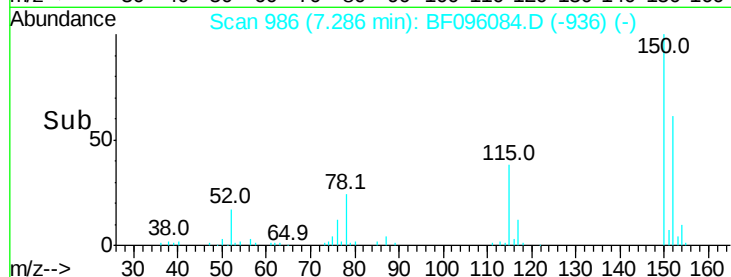
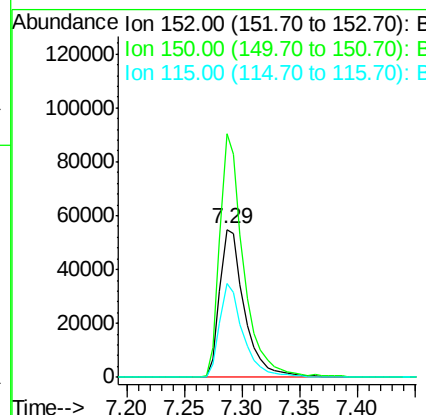
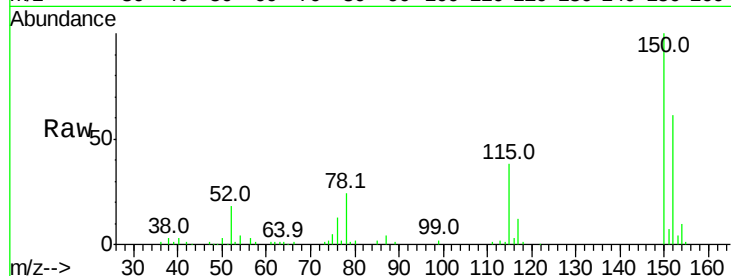
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Instrument :
BNA_F
ClientSampleId :
TK4-5-20170619

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	126.2	189.2
115	63.2	52.2	78.2

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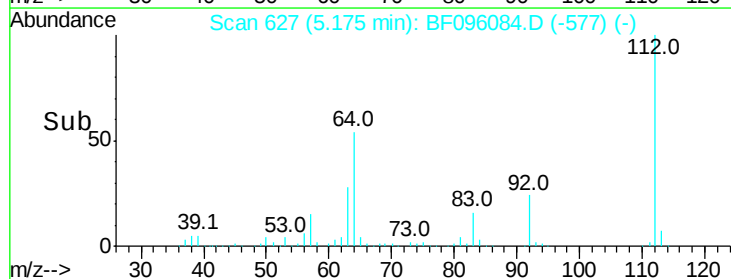
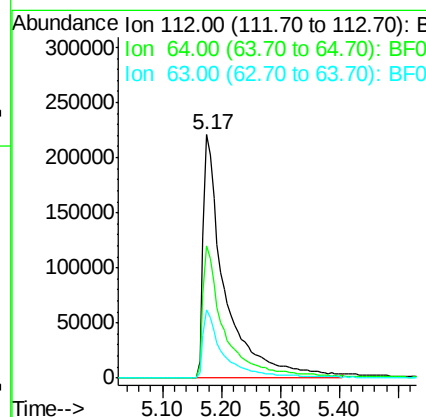
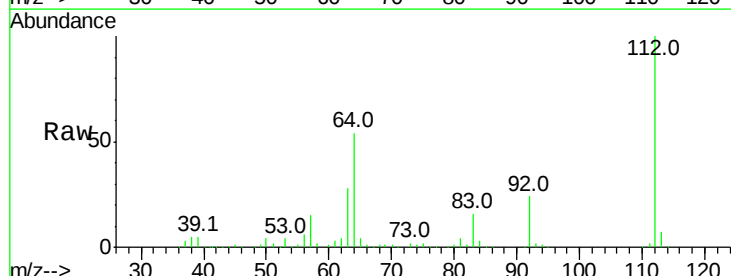
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#5

2-Fluorophenol
Concen: 110.73 ng
RT: 5.17 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	28.1	23.4	35.0





#7

Phenol-d6

Concen: 113.96 ng

RT: 6.86 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF096084.D

Acq: 21 Jun 2017 14:59

Instrument :

BNA_F

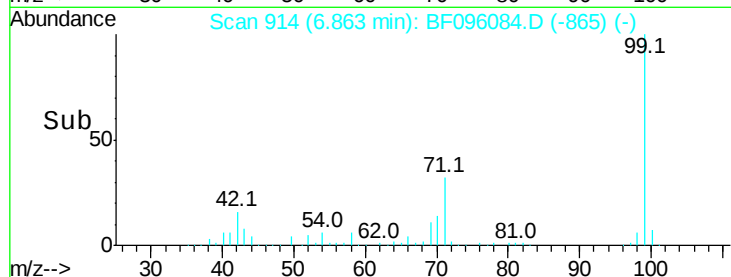
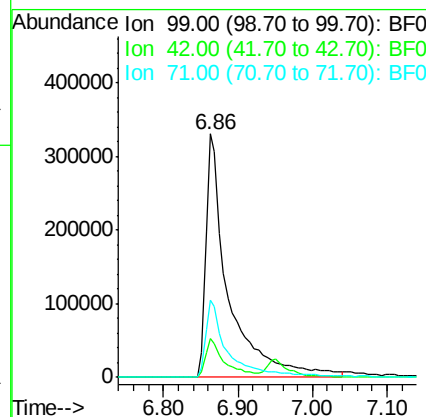
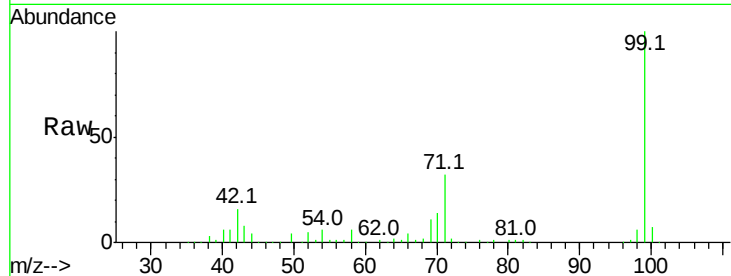
ClientSampleId :

TK4-5-20170619

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		700102		
42	16.2	13.5	20.3		
71	31.9	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

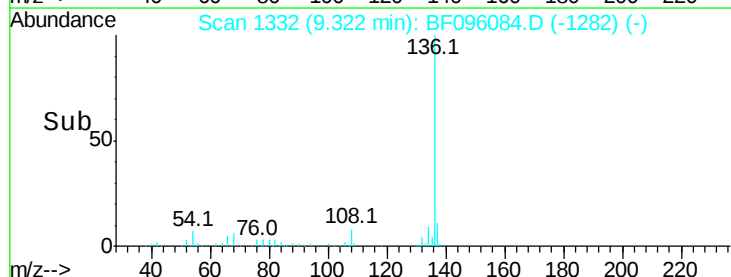
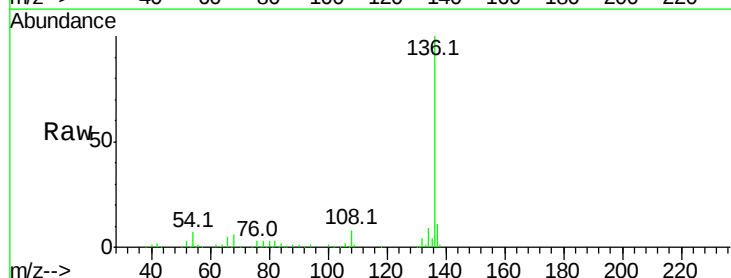
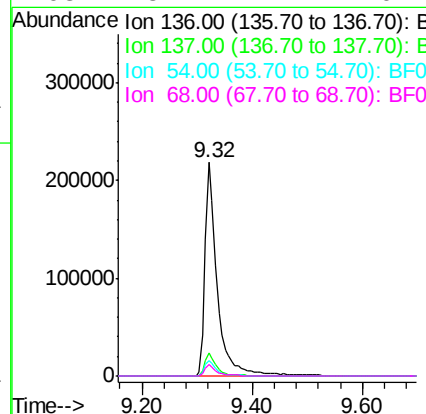
RT: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096084.D

Acq: 21 Jun 2017 14:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		336361		
137	10.7	8.5	12.7		
54	7.4	4.9	7.3#		
68	5.7	4.1	6.1		





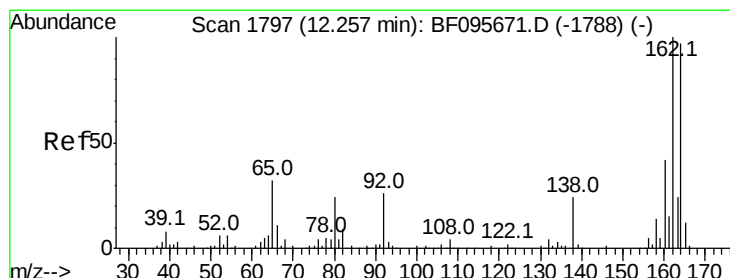
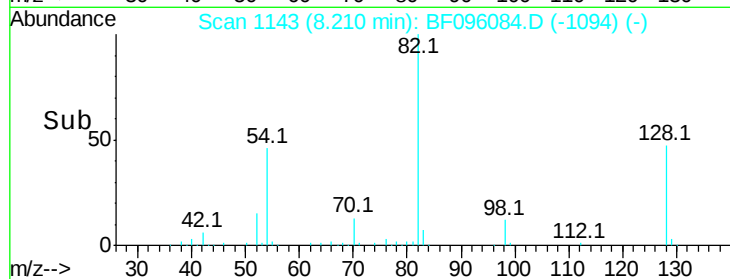
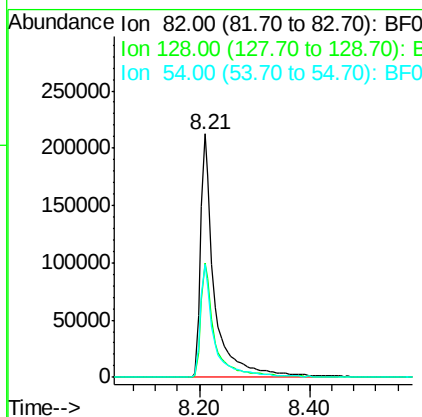
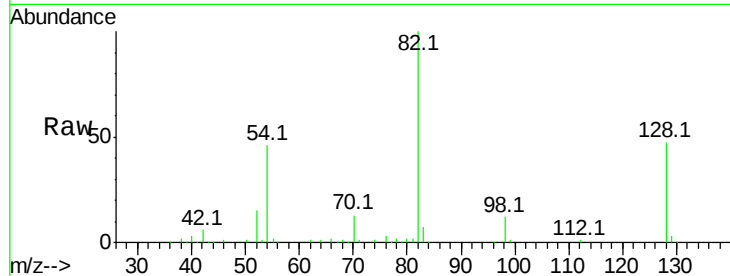
#23
 Nitrobenzene-d5
 Concen: 68.75 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096084.D
 Acq: 21 Jun 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TK4-5-20170619

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	46.3	42.2	63.2

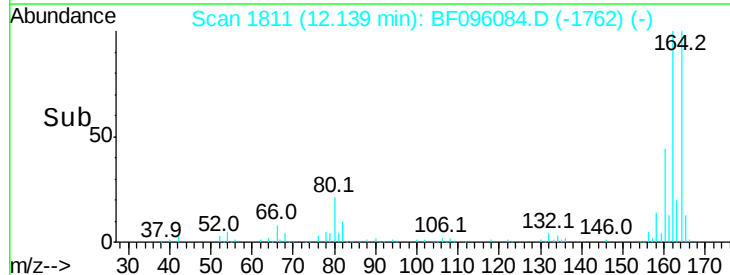
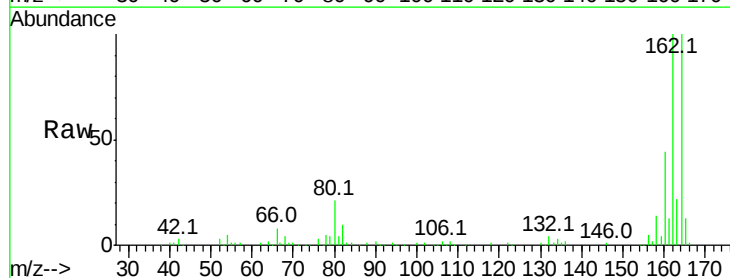
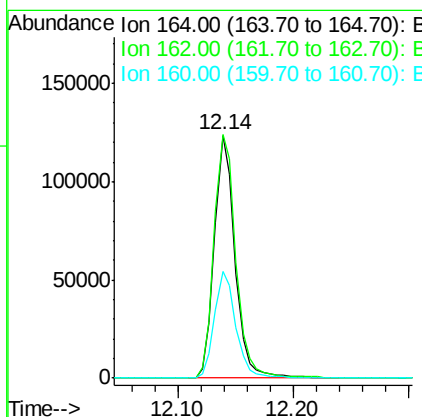
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF096084.D
 Acq: 21 Jun 2017 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	44.1	36.2	54.2





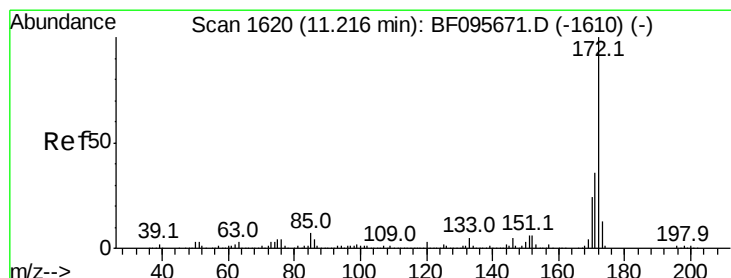
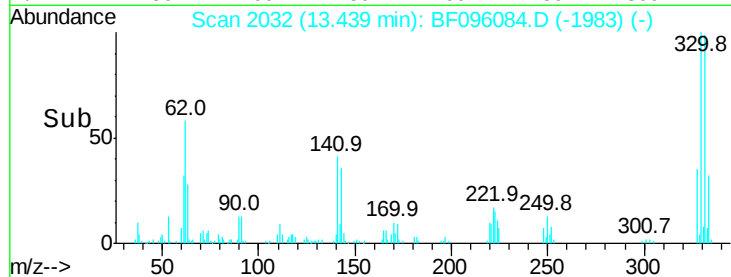
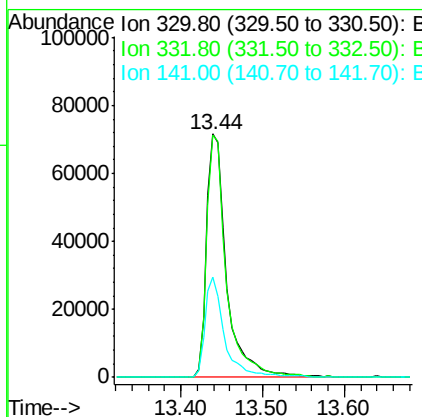
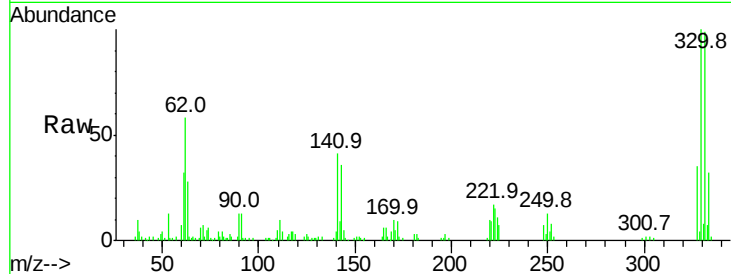
#41
 2,4,6-Tribromophenol
 Concen: 89.74 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096084.D
 Acq: 21 Jun 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TK4-5-20170619

Tot Ion	Ratio	Resp	Lower	Upper
330	100	122242		
332	97.6	76.6	115.0	
141	39.9	31.4	47.2	

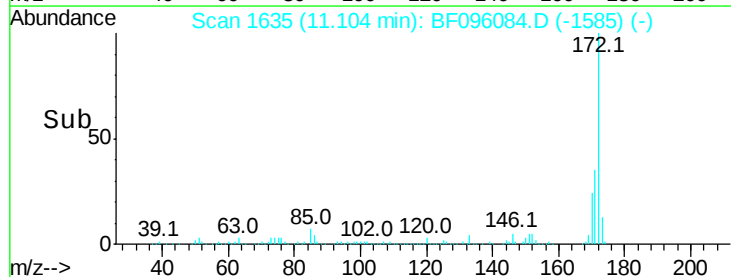
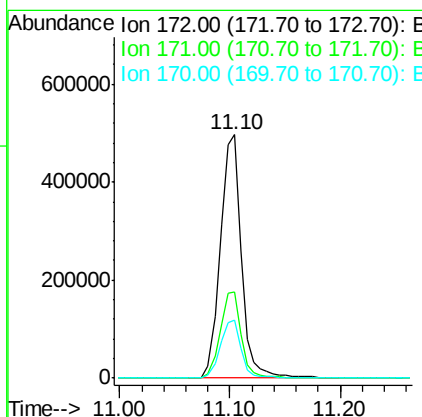
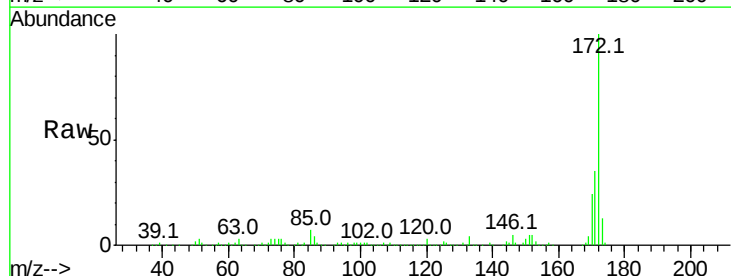
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#44
 2-Fluorobiphenyl
 Concen: 60.06 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096084.D
 Acq: 21 Jun 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	664538		
171	35.2	29.6	44.4	
170	23.6	19.8	29.8	





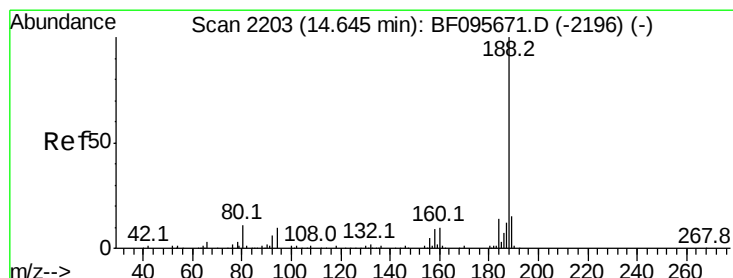
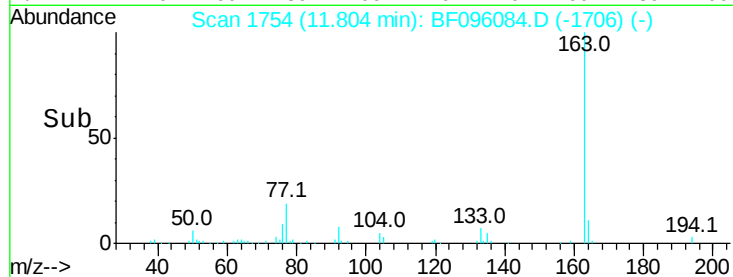
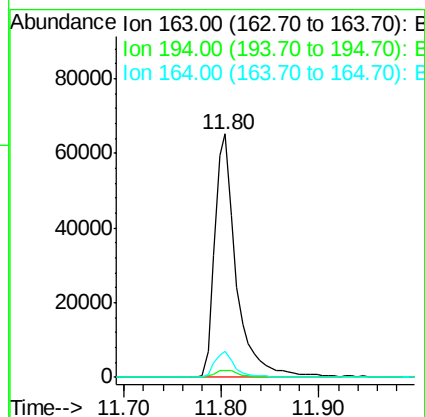
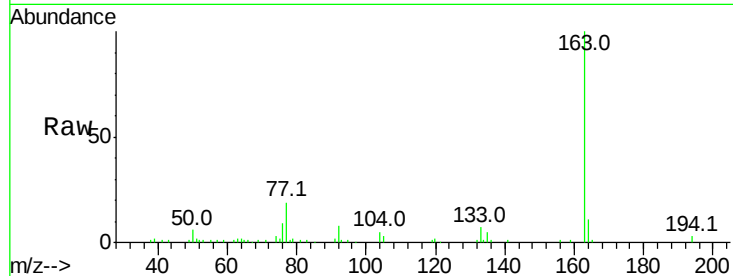
#49
Dimethylphthalate
Concen: 8.55 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Instrument :
BNA_F
ClientSampleId :
TK4-5-20170619

Tot Ion	Ratio	Resp	Lower	Upper
163	100	99922		
194	2.7		2.6	4.0
164	10.7		8.4	12.6

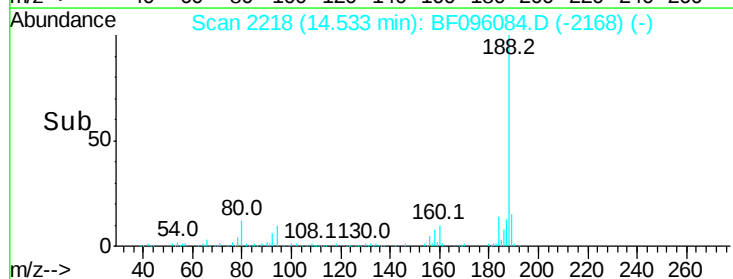
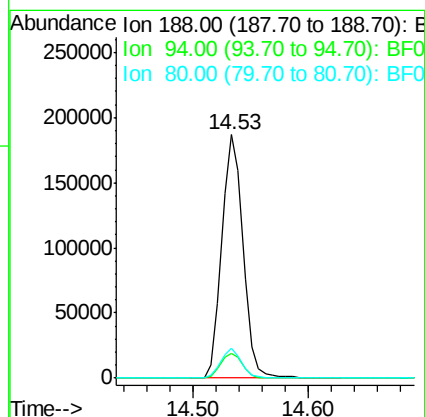
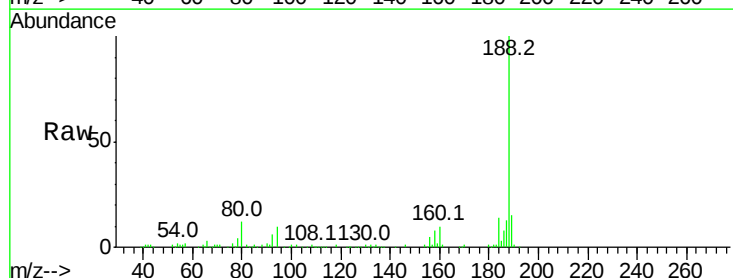
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	239197		
94	10.4		9.4	14.2
80	12.2		10.2	15.2





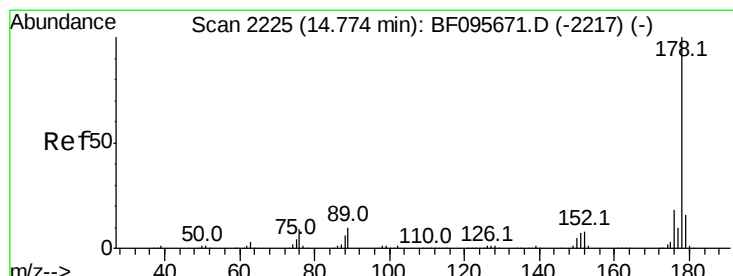
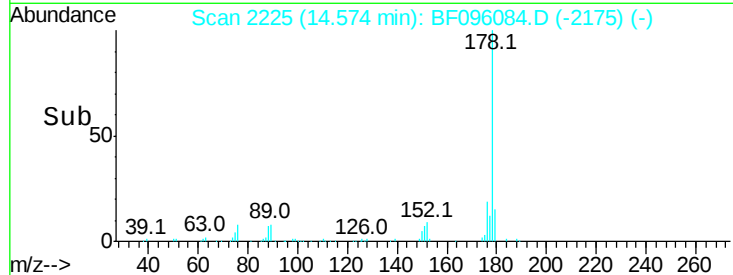
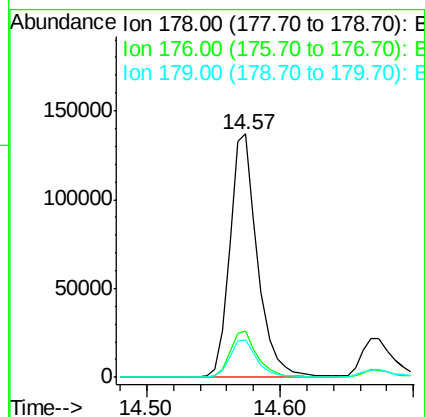
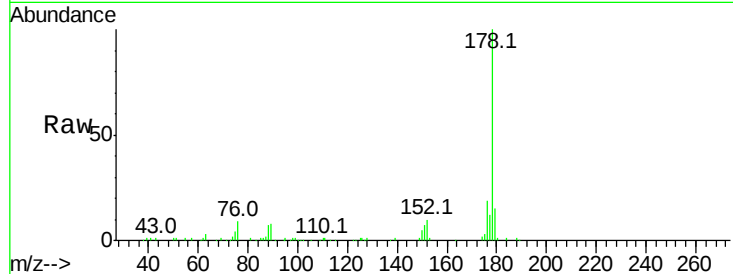
#70
Phenanthrene
Concen: 14.37 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Instrument :
BNA_F
ClientSampleId :
TK4-5-20170619

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.4	12.6	19.0

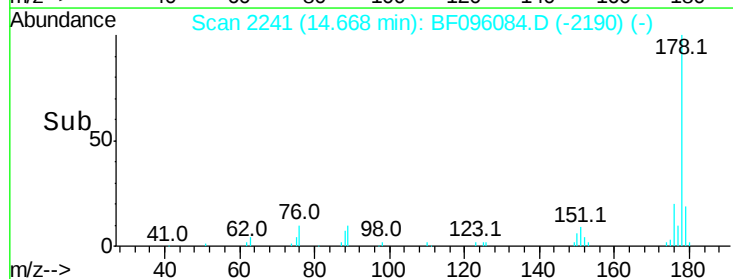
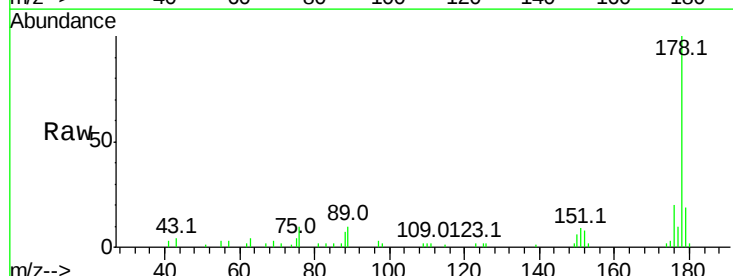
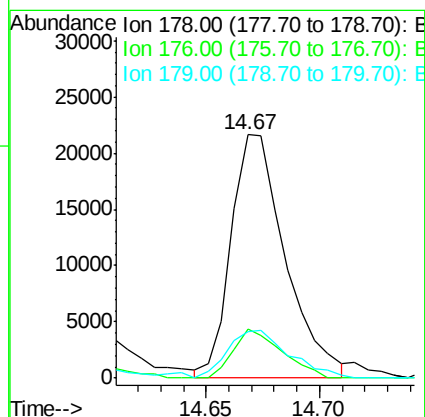
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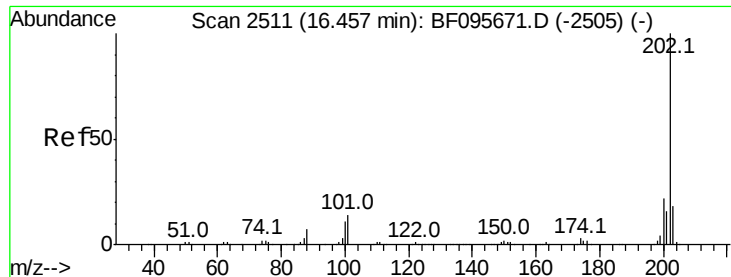
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#71
Anthracene
Concen: 2.49 ng m
RT: 14.67 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	19.2	12.7	19.1#





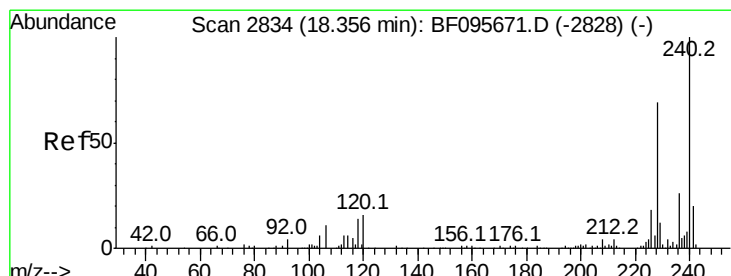
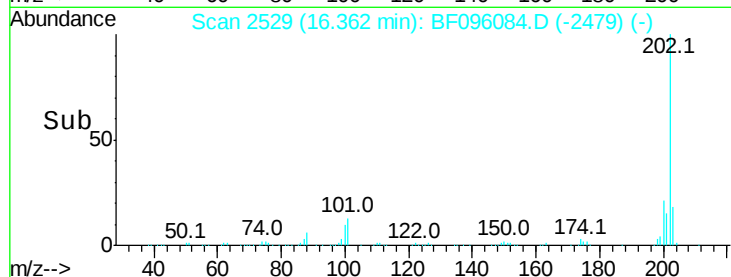
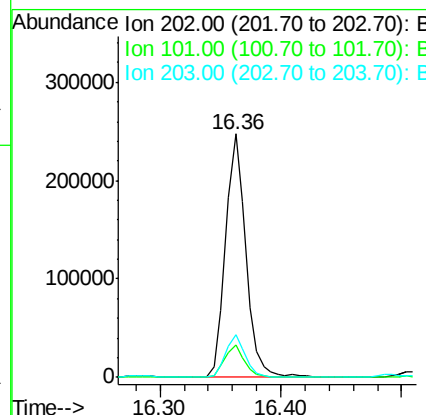
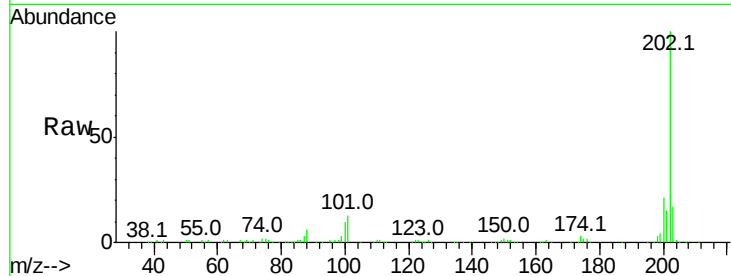
#74
 Fluoranthene
 Concen: 21.01 ng
 RT: 16.36 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF096084.D
 Acq: 21 Jun 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TK4-5-20170619

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.5	0.0	38.1

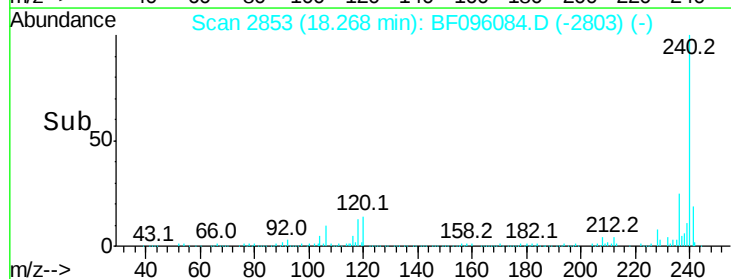
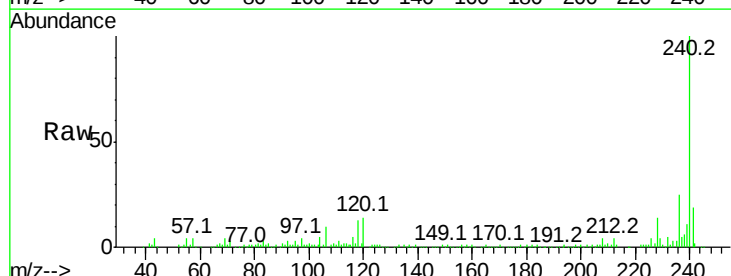
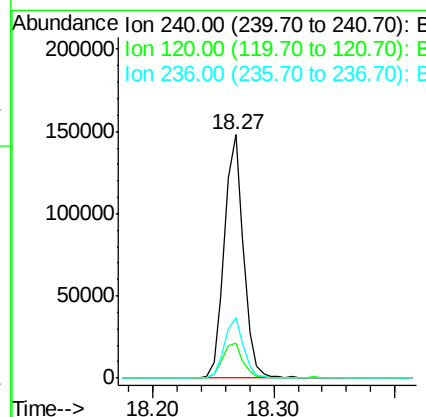
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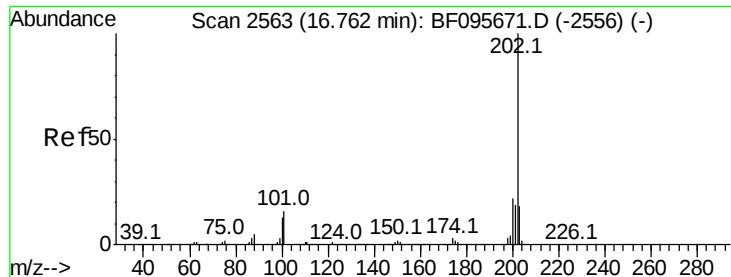
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096084.D
 Acq: 21 Jun 2017 14:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.9	20.5	30.7





#77

Pvrene

Concen: 21.14 ng

RT: 16.66 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BF096084.D

Acq: 21 Jun 2017 14:59

Instrument :

BNA_F

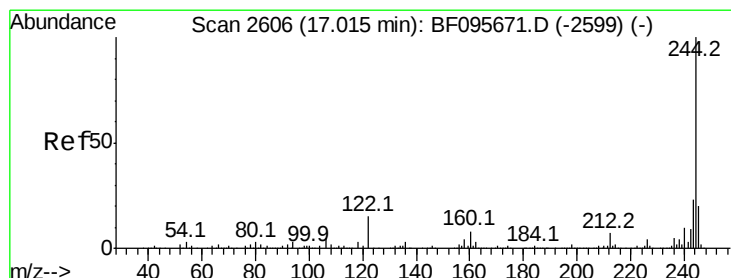
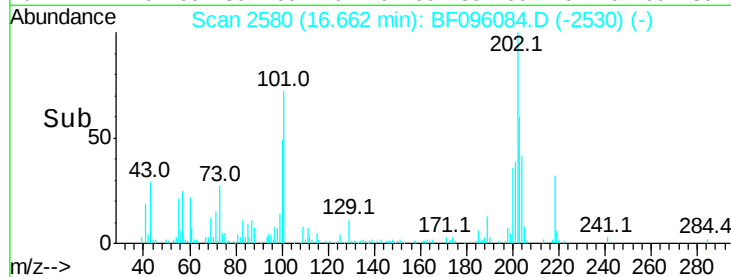
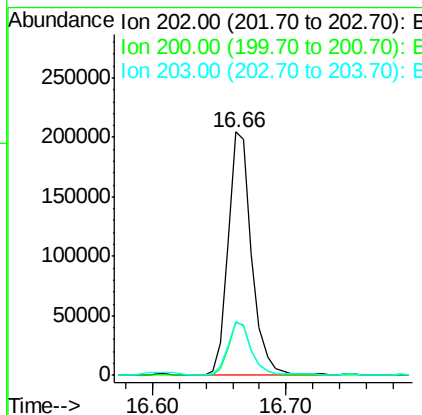
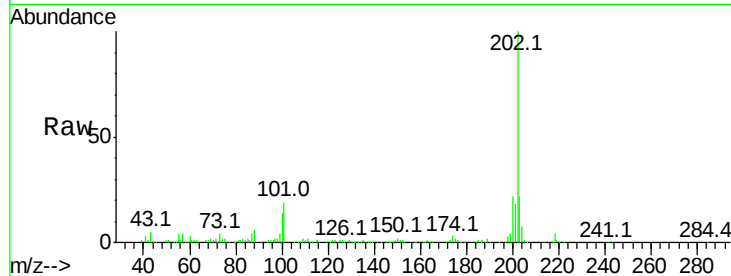
ClientSampled :

TK4-5-20170619

Tot Ion:	202	Resp:	254197
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.6	26.4
203	22.3	14.4	21.6#

Manual Integrations
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#78

Terphenyl-d14

Concen: 64.94 ng

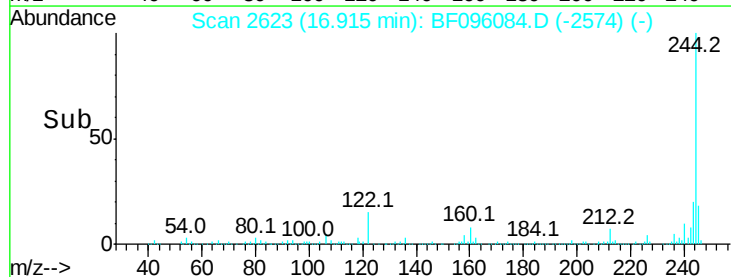
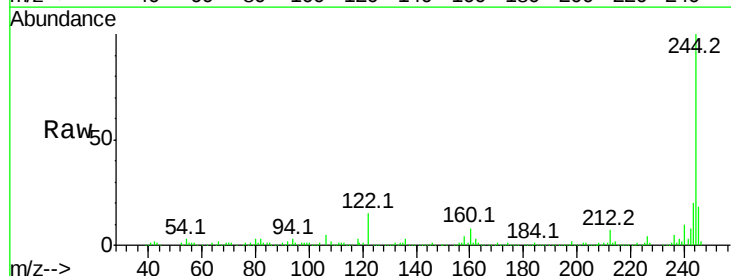
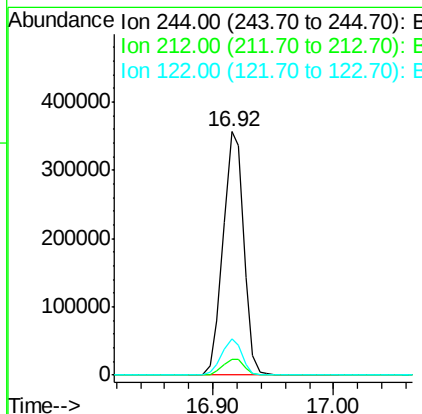
RT: 16.92 min Scan# 2623

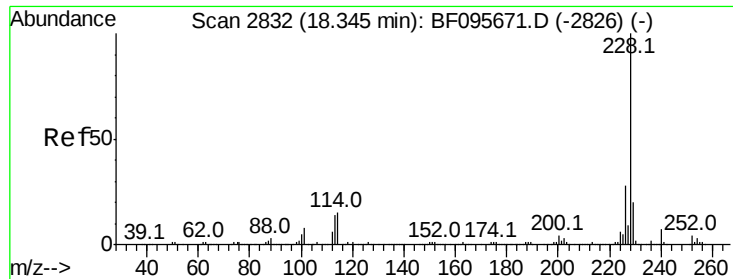
Delta R.T. -0.01 min

Lab File: BF096084.D

Acq: 21 Jun 2017 14:59

Tgt Ion:	244	Resp:	421808
Ion Ratio		Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.6	10.3	15.5





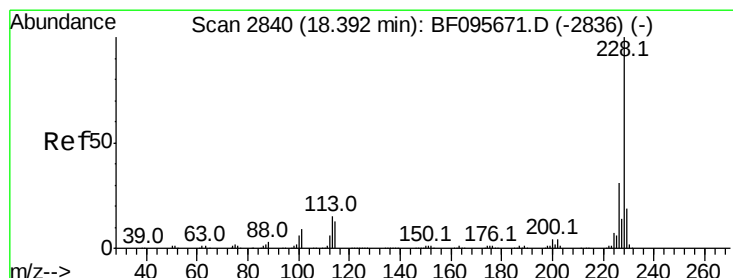
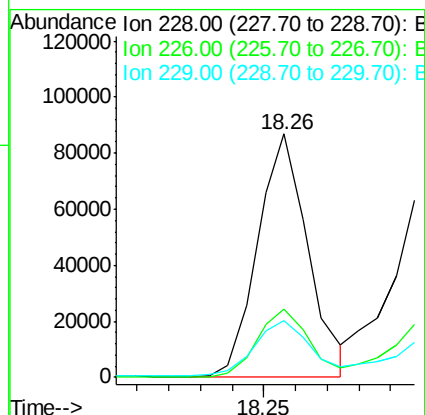
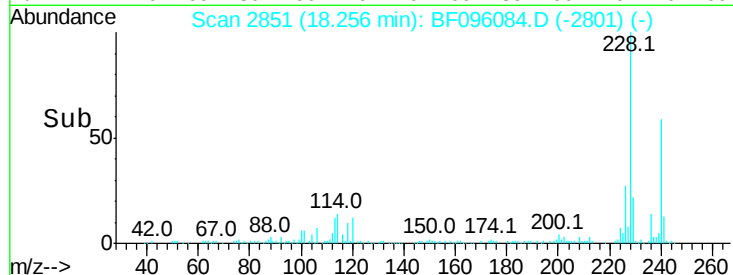
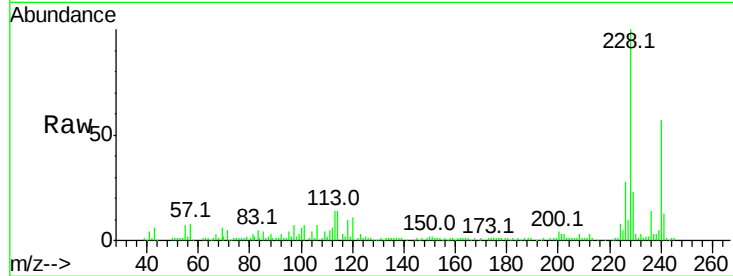
#80
Benzo(a)anthracene
Concen: 10.27 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Instrument :
BNA_F
ClientSampleId :
TK4-5-20170619

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	23.1	16.3	24.5

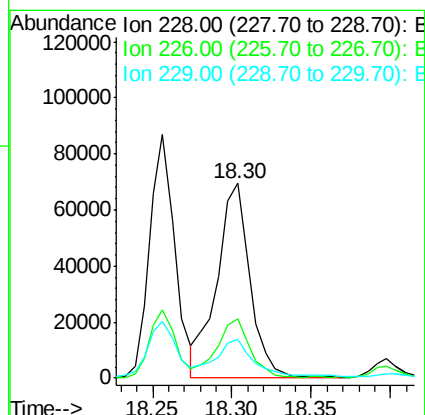
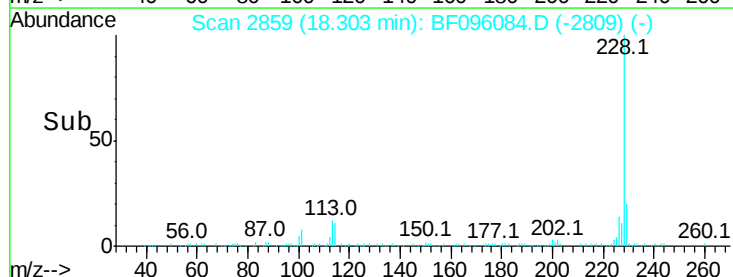
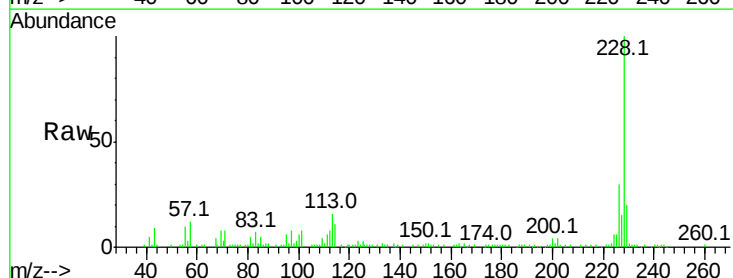
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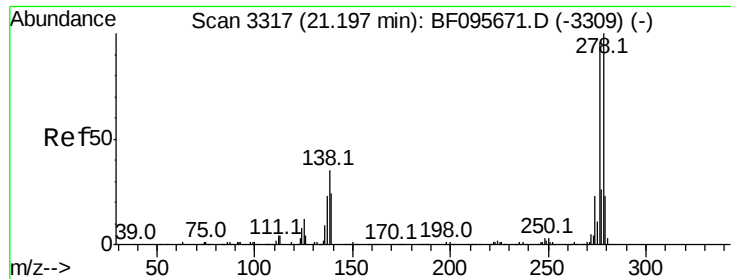
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6/22/2017 5:34:22 PM



#82
Chrysene
Concen: 10.86 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.9	15.8	23.6





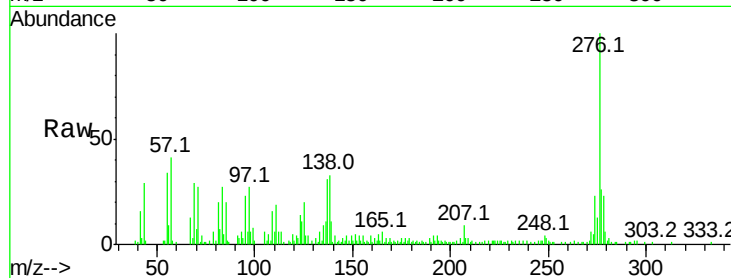
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.77 ng
RT: 21.11 min Scan# 3336
Delta R.T. 0.01 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Instrument :
BNA_F
ClientSampleId :
TK4-5-20170619

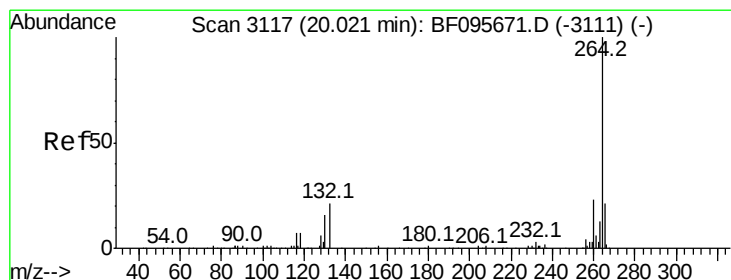
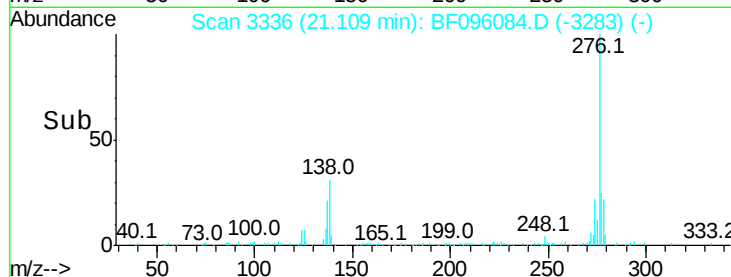
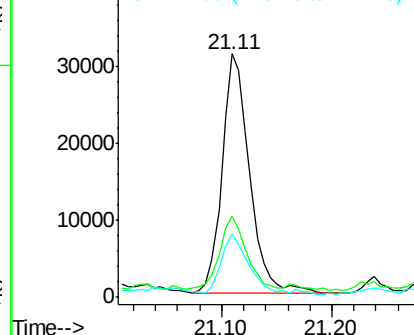
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	27.8	41.6
277	22.7	20.2	30.4

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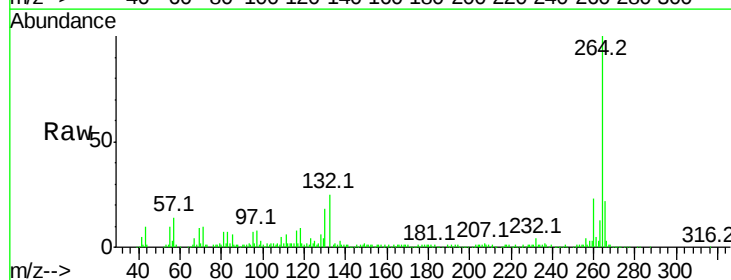


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

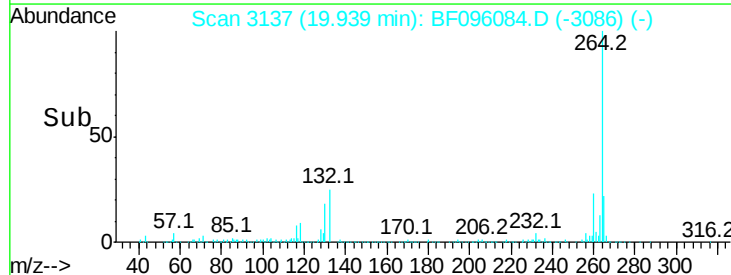
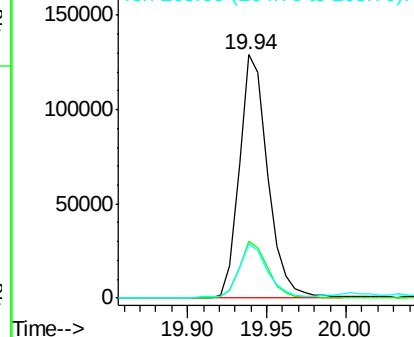


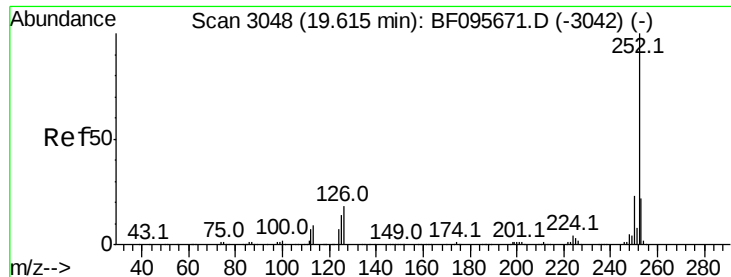
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.3	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





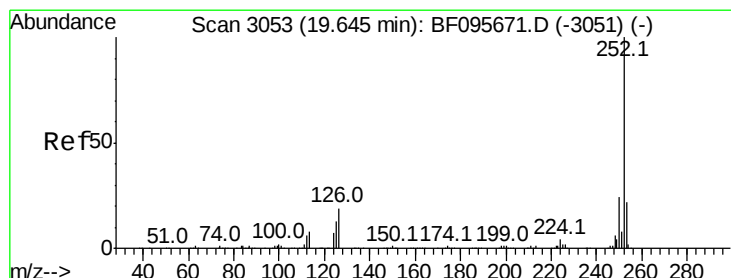
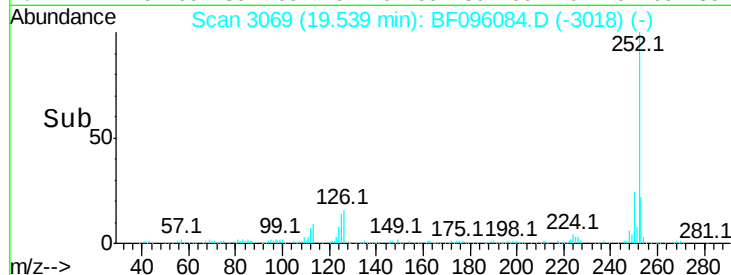
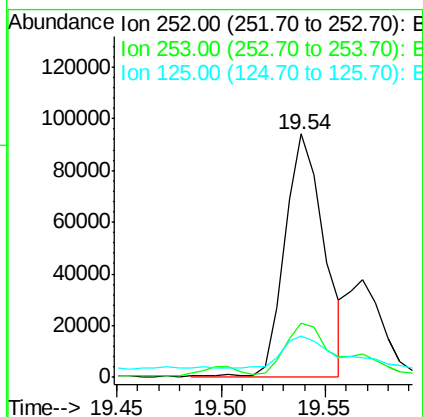
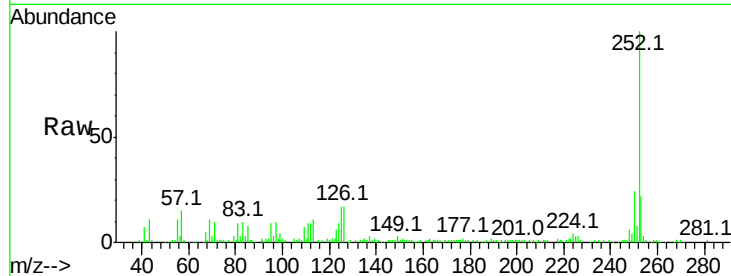
#87
Benzo(b)fluoranthene
Concen: 12.30 ng m
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Instrument :
BNA_F
ClientSampleId :
TK4-5-20170619

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	17.2	9.8	14.8

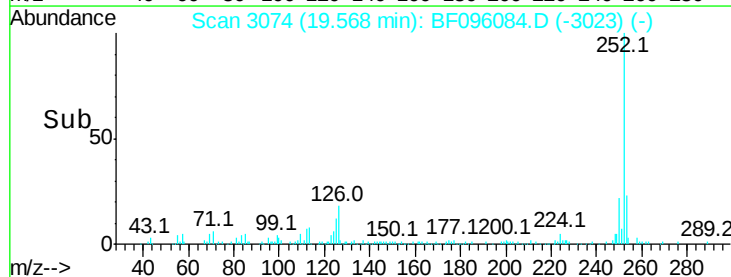
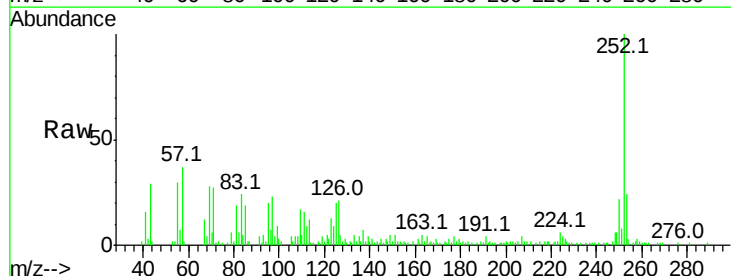
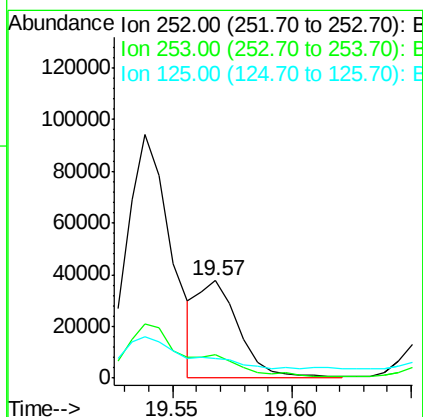
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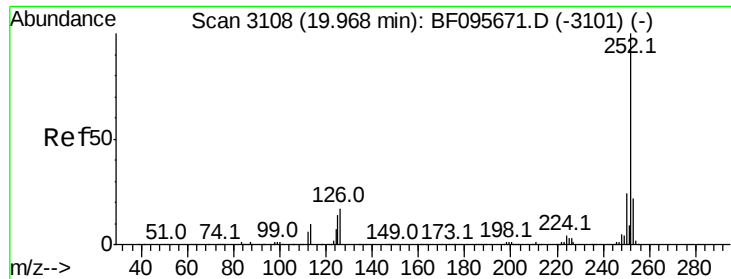
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#88
Benzo(k)fluoranthene
Concen: 4.73 ng m
RT: 19.57 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	20.0	13.1	19.7





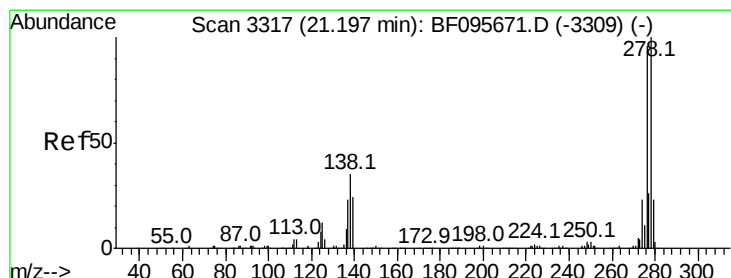
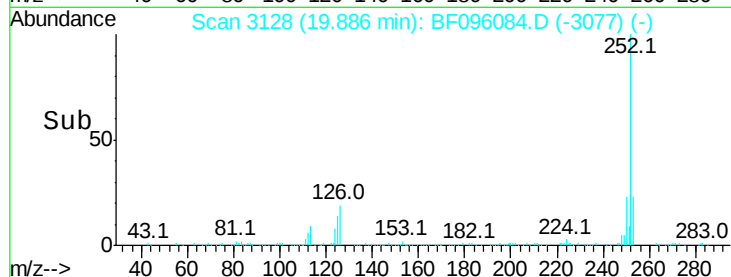
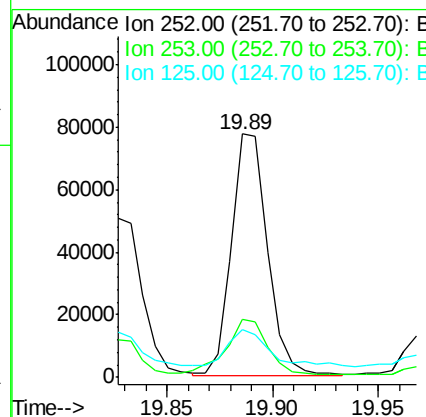
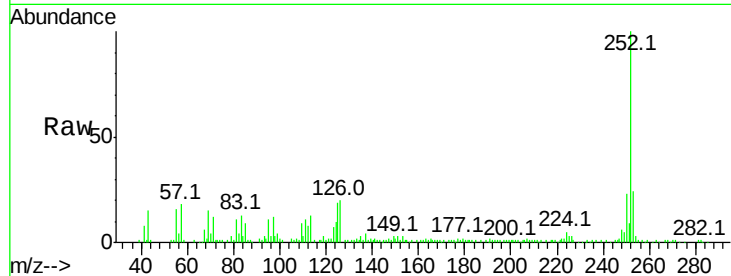
#89
Benzo(a)pyrene
Concen: 9.90 ng
RT: 19.89 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Instrument :
BNA_F
Client Sample ID :
TK4-5-20170619

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	19.4	11.0	16.4

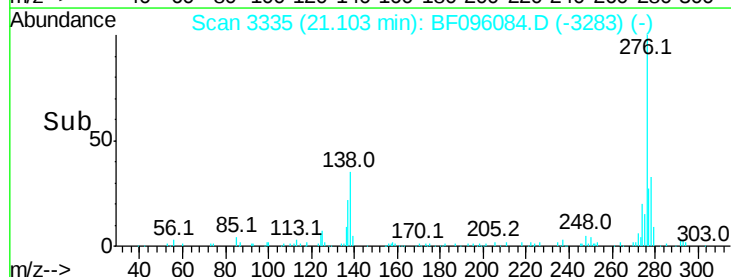
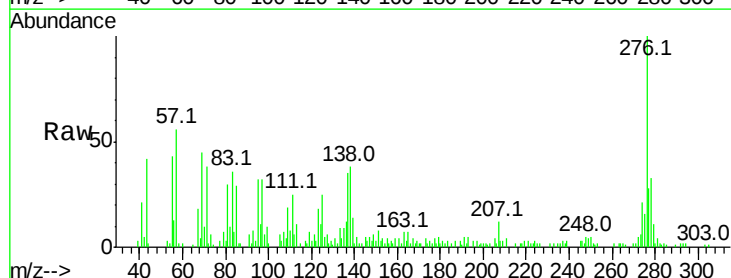
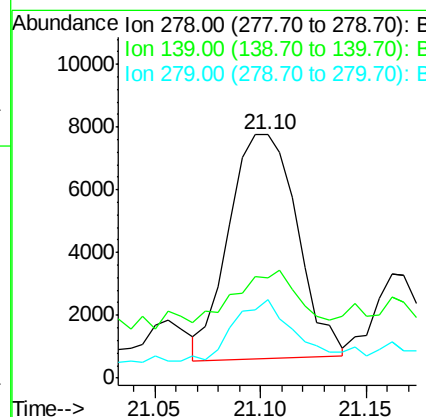
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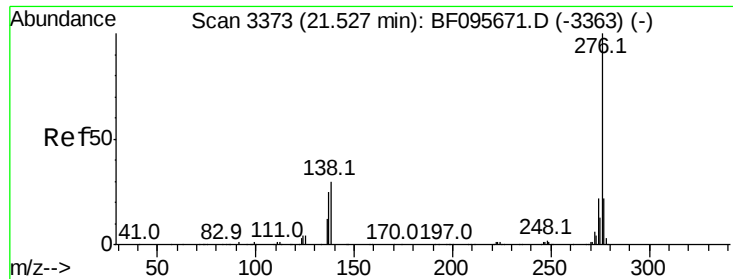
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#90
Dibenzo(a,h)anthracene
Concen: 2.04 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096084.D
Acq: 21 Jun 2017 14:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.0	16.6	24.8
279	32.1	19.3	28.9





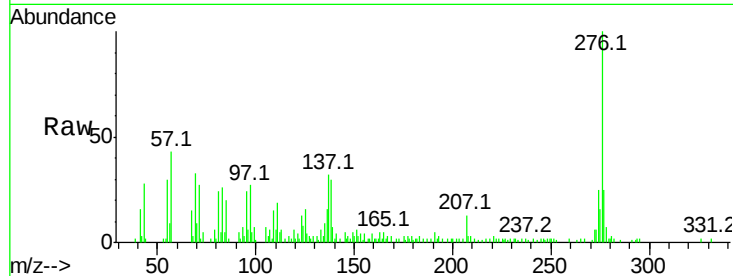
#91
 Benzo(a,h,i)perylene
 Concen: 6.06 ng
 RT: 21.44 min Scan# 3392
 Delta R.T. 0.02 min
 Lab File: BF096084.D
 Acq: 21 Jun 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TK4-5-20170619

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	30.1	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

