

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095804.D
 Acq On : 9 Jun 2017 2:22
 Operator : SJ/MA
 Sample : I3563-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-04-060817

Manual Integrations
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Quant Time: Jun 09 04:59:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71084	20.00	ng	-0.04
21) Naphthalene-d8	9.40	136	273830	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	111511	20.00	ng	-0.04
63) Phenanthrene-d10	14.61	188	172252	20.00	ng	-0.04
75) Chrysene-d12	18.33	240	137571	20.00	ng	-0.02
86) Perylene-d12	20.00	264	104256	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	89106	19.97	ng	-0.01
7) Phenol-d6	6.94	99	116741	21.86	ng	-0.02
23) Nitrobenzene-d5	8.29	82	64167	14.55	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	18320	18.57	ng	-0.03
44) 2-Fluorobiphenyl	11.17	172	131528	16.41	ng	-0.04
78) Terphenyl-d14	16.99	244	89348	16.12	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	22450	2.65	ng	99
70) Phenanthrene	14.65	178	22467	2.26	ng	97
74) Fluoranthene	16.43	202	33225	3.38	ng	96
77) Pyrene	16.73	202	42382	4.13	ng	95
82) Chrysene	18.36	228	16768	2.10	ng	# 95
87) Benzo(b)fluoranthene	19.60	252	16963	2.60	ng	# 84

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

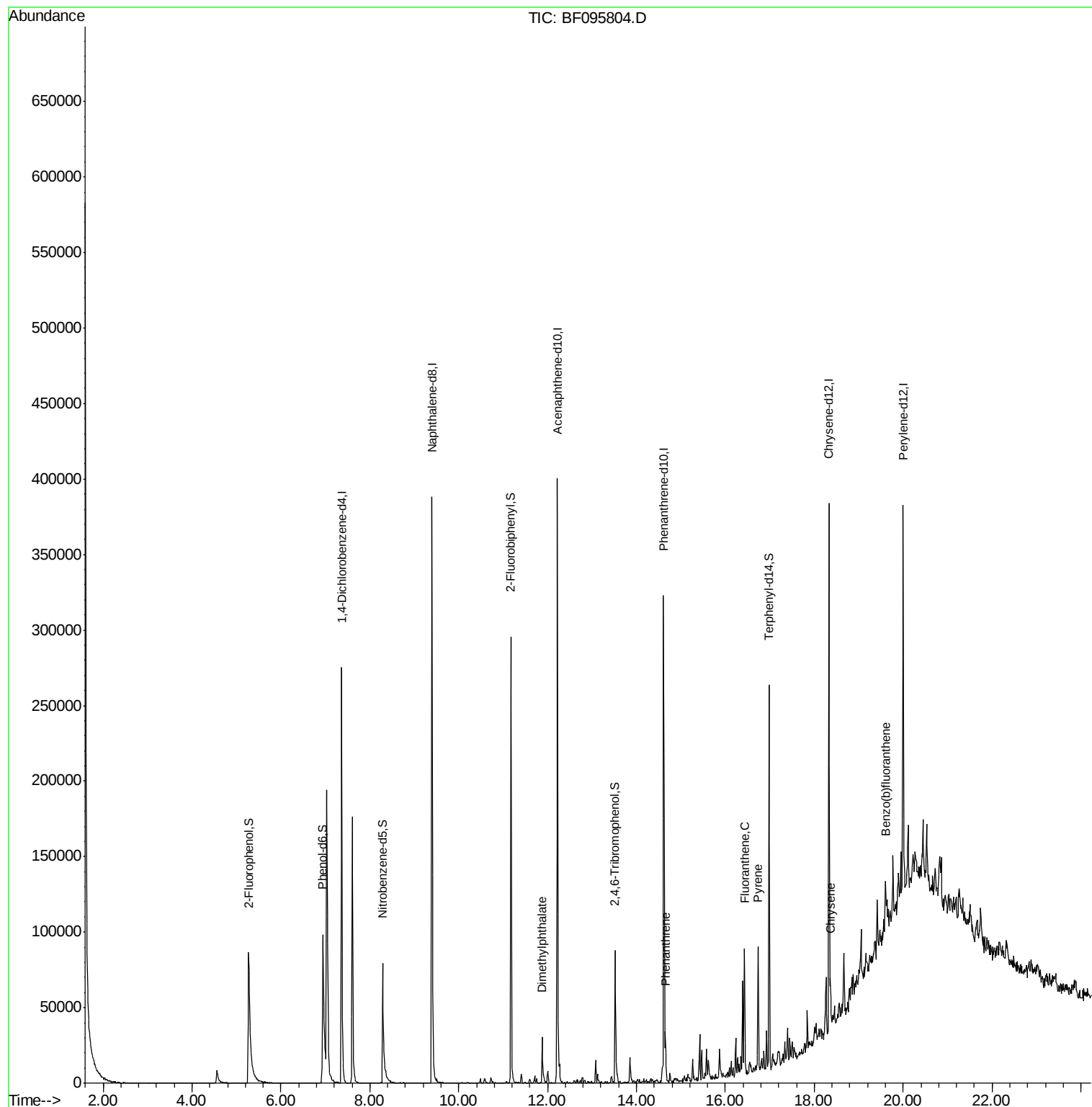
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095804.D
Acq On : 9 Jun 2017 2:22
Operator : SJ/MA
Sample : I3563-01 5X
Misc :
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Instrument :
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Quant Time: Jun 09 04:59:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration





#1

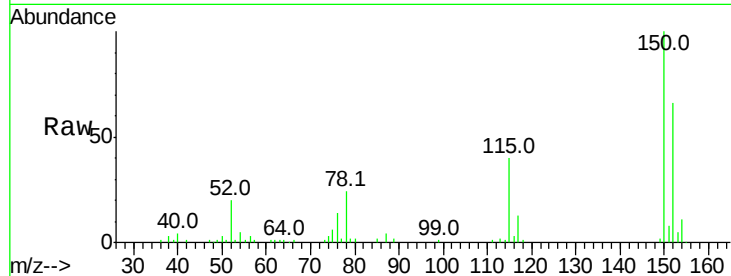
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 982
Delta R.T. -0.04 min
Lab File: BF095804.D
Acq: 9 Jun 2017 2:22

Instrument :
BNA_F
ClientSampled :
OK-04-060817

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.2	189.2
115	60.6	52.2	78.2

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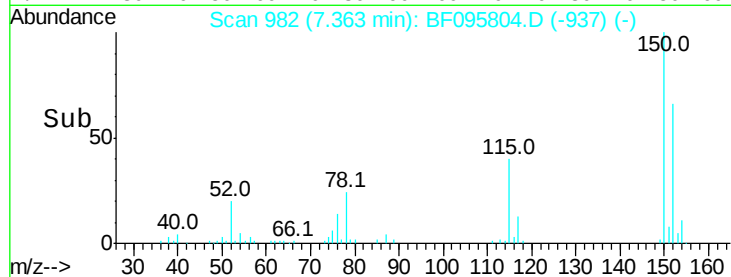
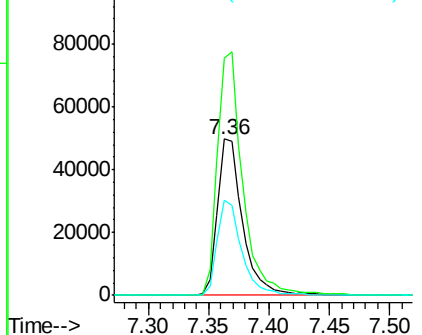


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

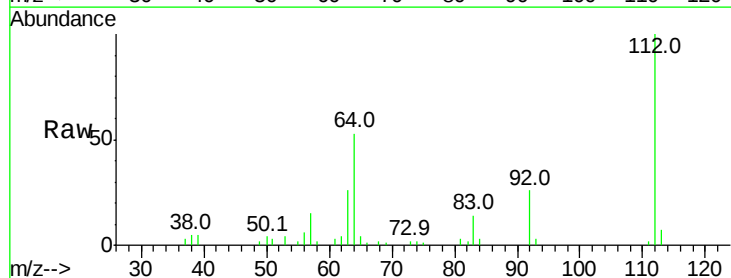
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.97 ng
RT: 5.27 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF095804.D
Acq: 9 Jun 2017 2:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.0	69.0
63	26.5	23.4	35.0

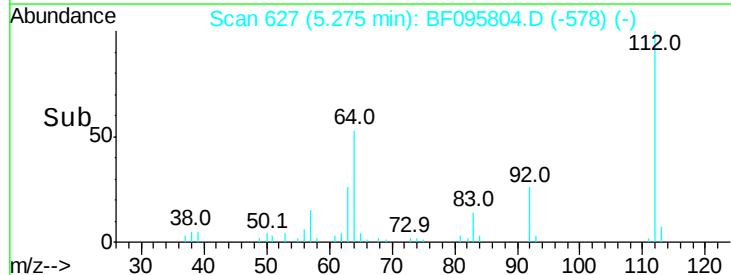
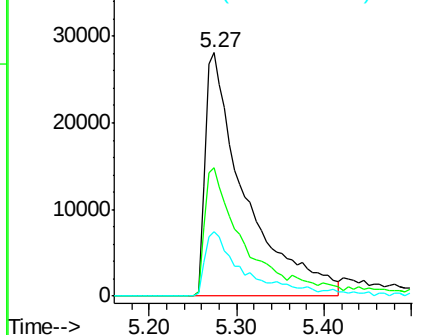


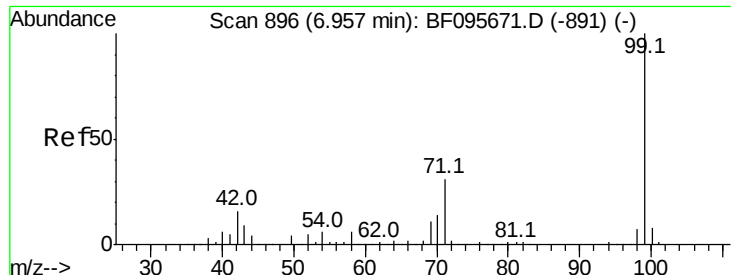
Abundance

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: 21.86 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095804.D

Acq: 9 Jun 2017 2:22

Instrument :

BNA_F

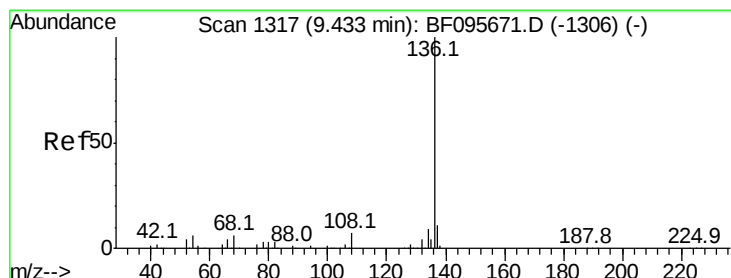
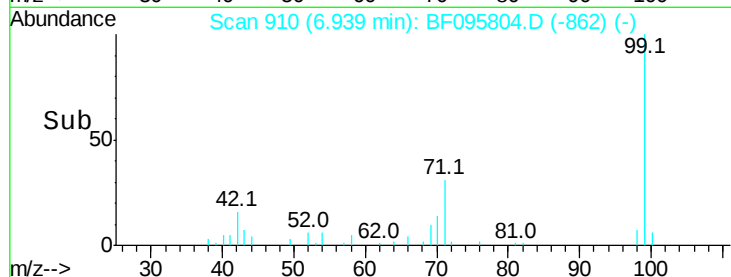
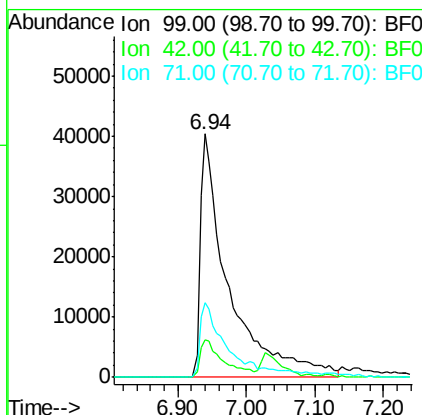
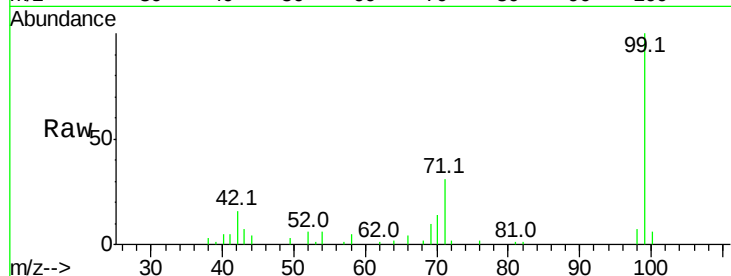
ClientSampleId :

OK-04-060817

Tot Ion:	99	Resp:	116741
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	30.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

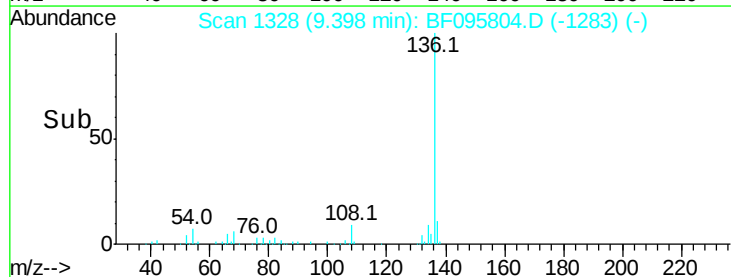
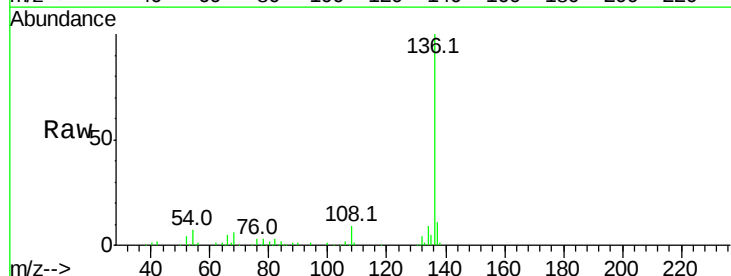
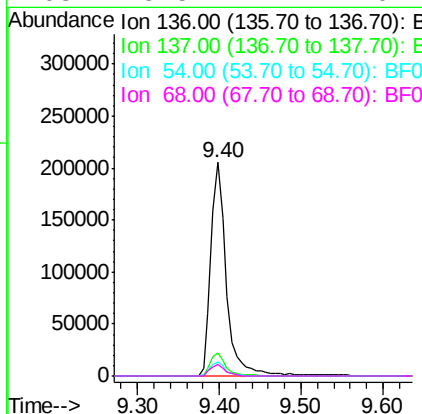
RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095804.D

Acq: 9 Jun 2017 2:22

Tgt Ion:	136	Resp:	273830
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	6.8	4.9	7.3
68	5.5	4.1	6.1





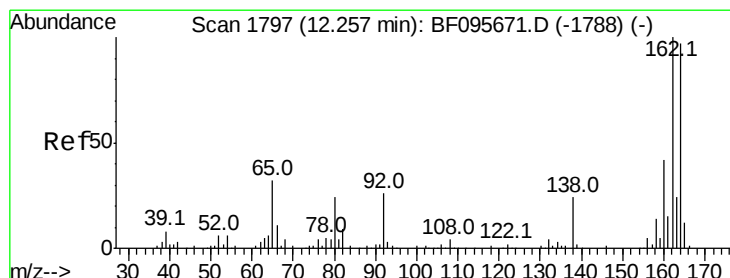
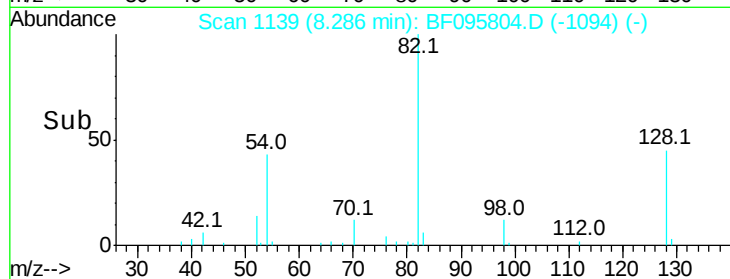
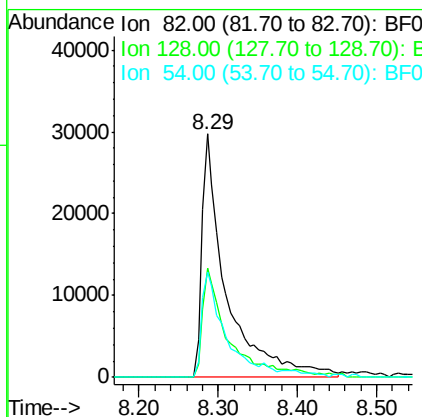
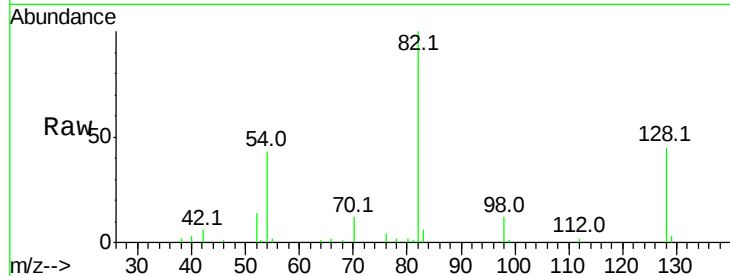
#23
 Nitrobenzene-d5
 Concen: 14.55 ng
 RT: 8.29 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF095804.D
 Acq: 9 Jun 2017 2:22

Instrument :
 BNA_F
 ClientSampleId :
 OK-04-060817

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.0	51.0
54	43.1	42.2	63.2

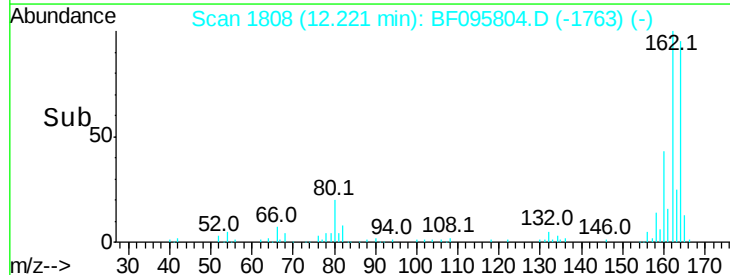
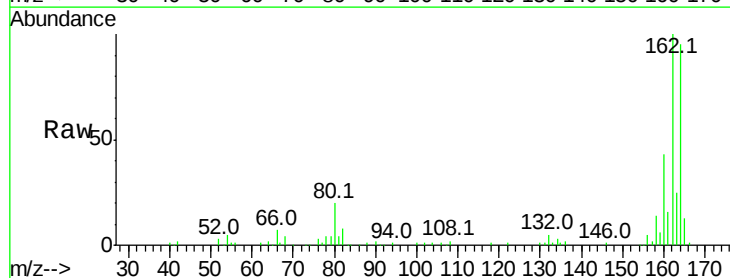
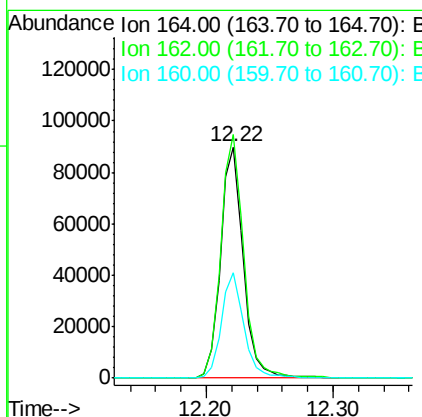
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.04 min
 Lab File: BF095804.D
 Acq: 9 Jun 2017 2:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	45.7	36.2	54.2





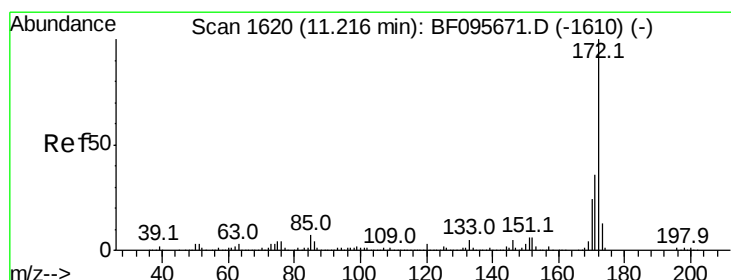
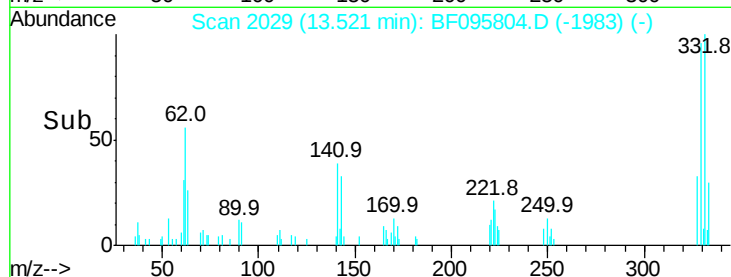
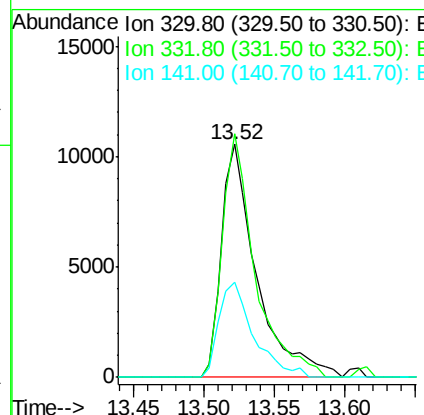
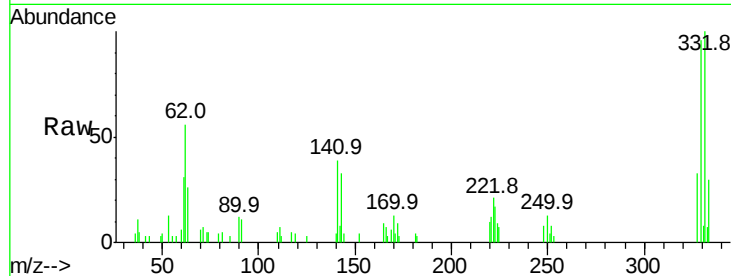
#41
 2,4,6-Tribromophenol
 Concen: 18.57 ng
 RT: 13.52 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF095804.D
 Acq: 9 Jun 2017 2:22

Instrument :
 BNA_F
 ClientSampleId :
 OK-04-060817

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	76.6	115.0	
141	40.3	31.4	47.2	

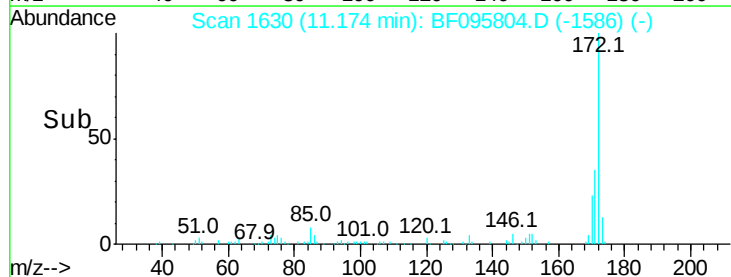
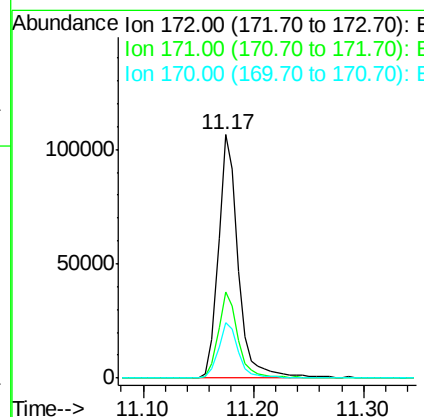
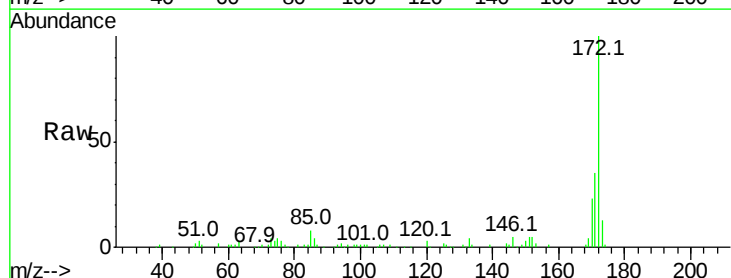
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#44
 2-Fluorobiphenyl
 Concen: 16.41 ng
 RT: 11.17 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BF095804.D
 Acq: 9 Jun 2017 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	22.8	19.8	29.8	





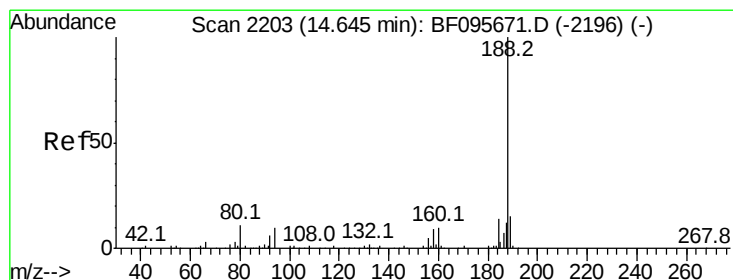
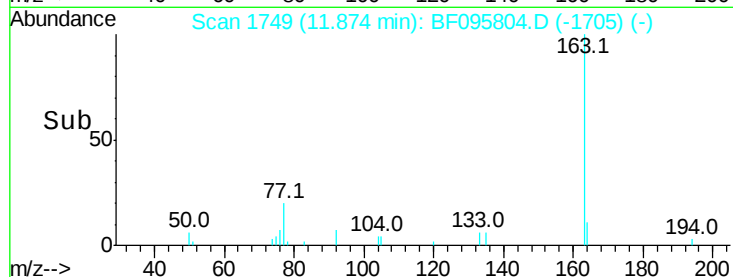
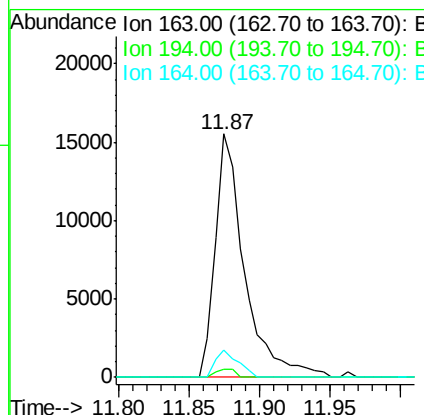
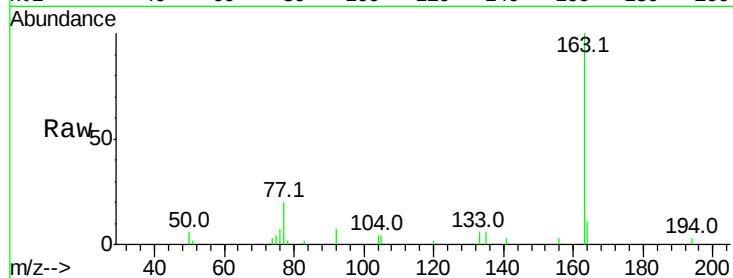
#49
Dimethylphthalate
Concen: 2.65 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095804.D
Acq: 9 Jun 2017 2:22

Instrument :
BNA_F
ClientSampleId :
OK-04-060817

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	11.1	8.4	12.6

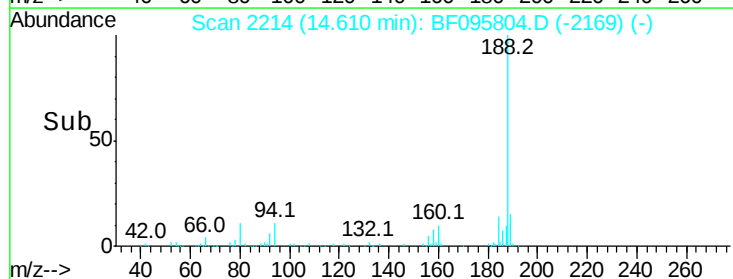
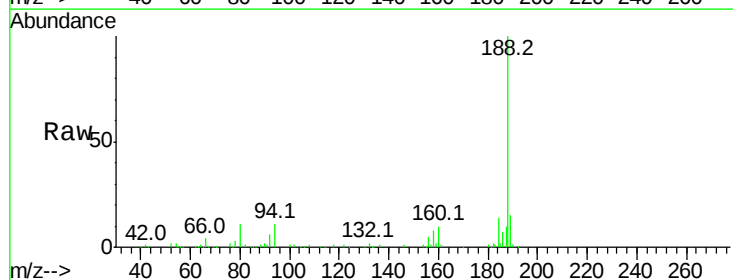
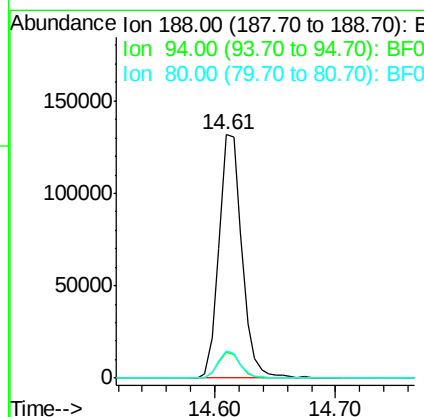
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF095804.D
Acq: 9 Jun 2017 2:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.4	10.2	15.2





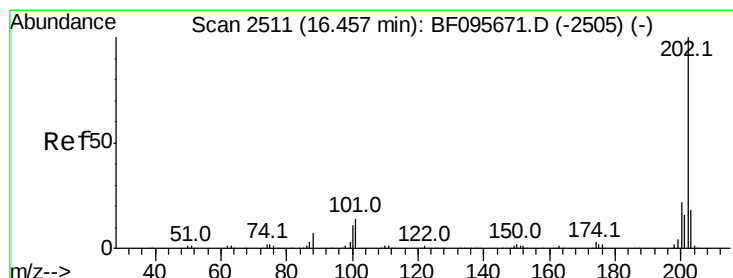
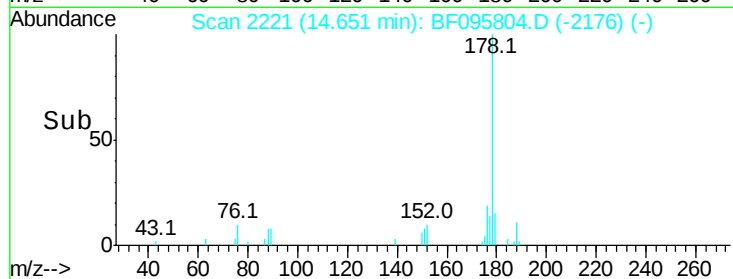
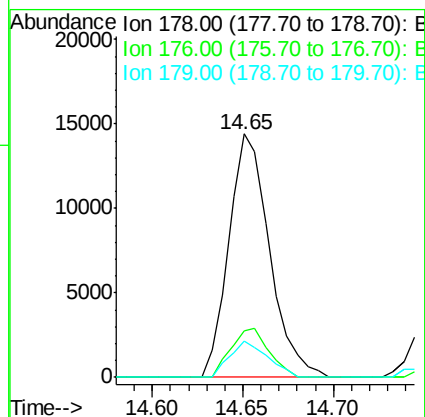
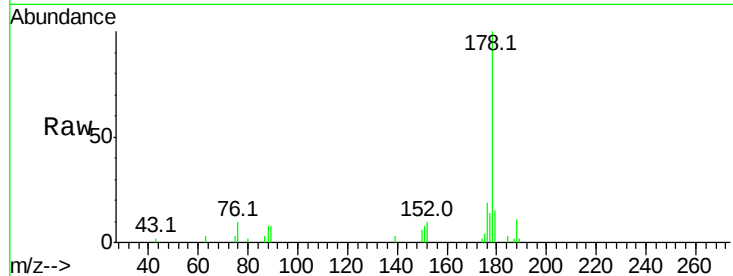
#70
Phenanthrene
Concen: 2.26 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095804.D
Acq: 9 Jun 2017 2:22

Instrument :
BNA_F
ClientSampleId :
OK-04-060817

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

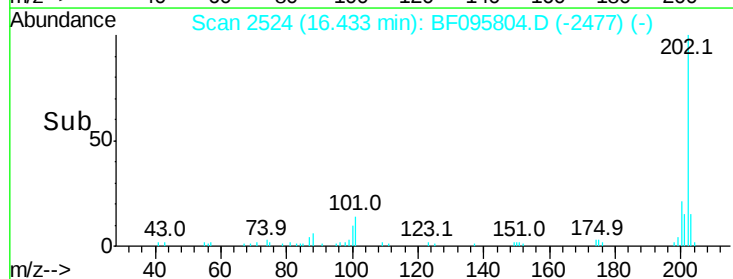
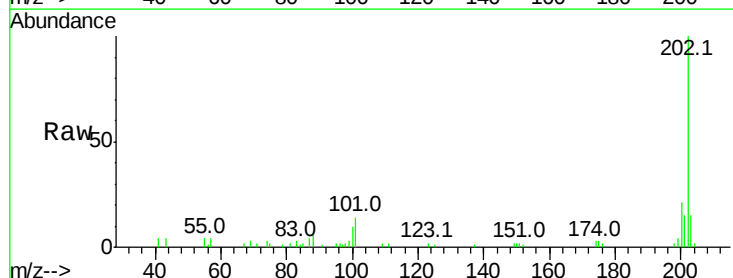
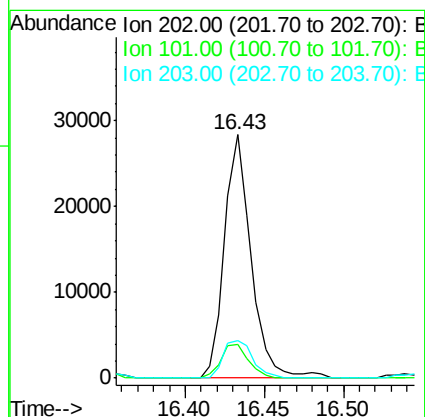
Manual Integrations
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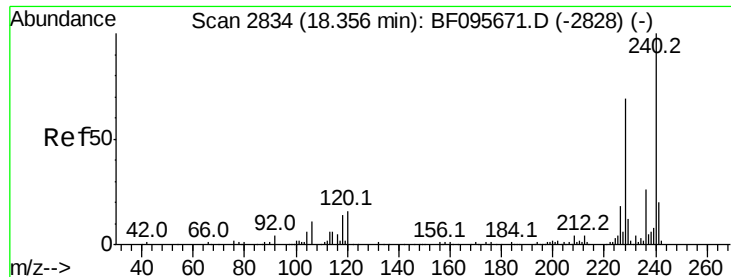
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#74
Fluoranthene
Concen: 3.38 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095804.D
Acq: 9 Jun 2017 2:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	15.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095804.D

Acq: 9 Jun 2017 2:22

Instrument :

BNA_F

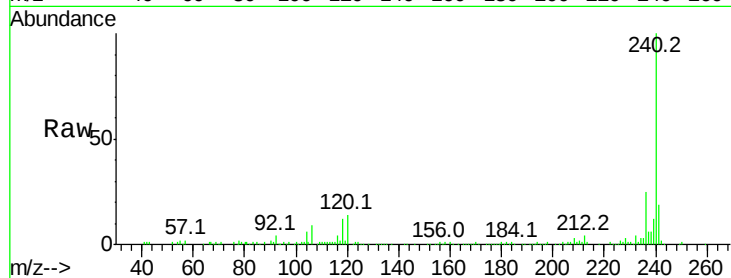
ClientSampleId :

OK-04-060817

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.1	20.5	30.7

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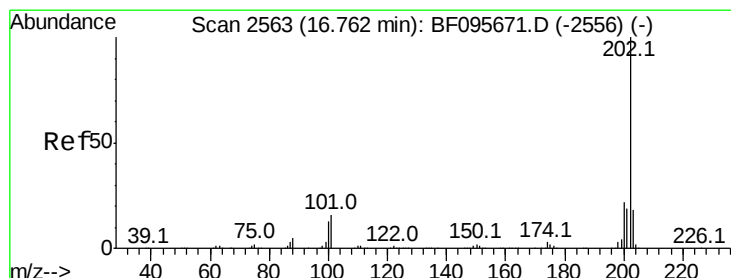
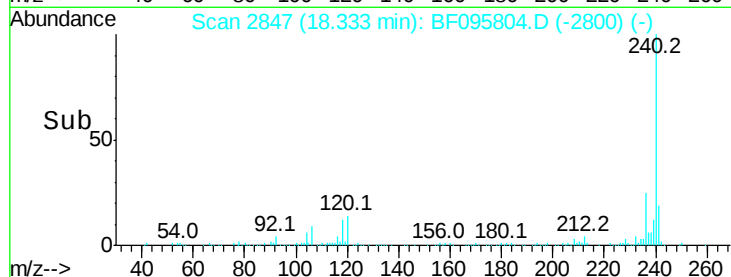
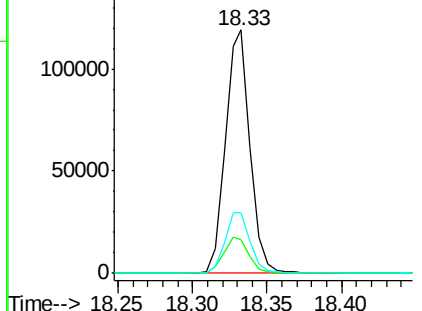
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.13 ng

RT: 16.73 min Scan# 2575

Delta R.T. -0.03 min

Lab File: BF095804.D

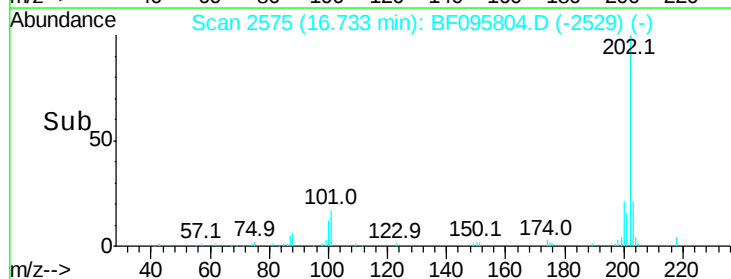
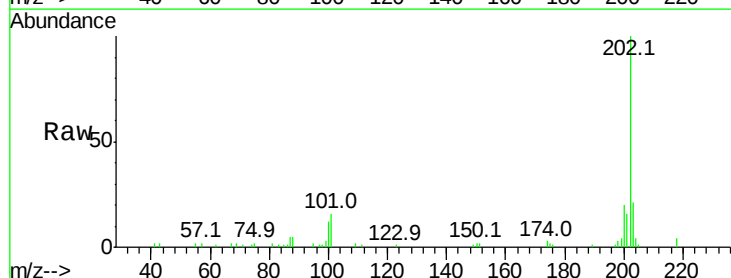
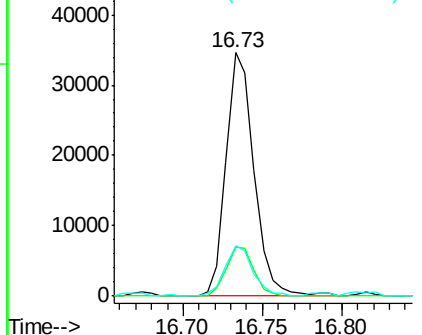
Acq: 9 Jun 2017 2:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	20.6	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 16.12 ng

RT: 16.99 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BF095804.D

Acq: 9 Jun 2017 2:22

Instrument :

BNA_F

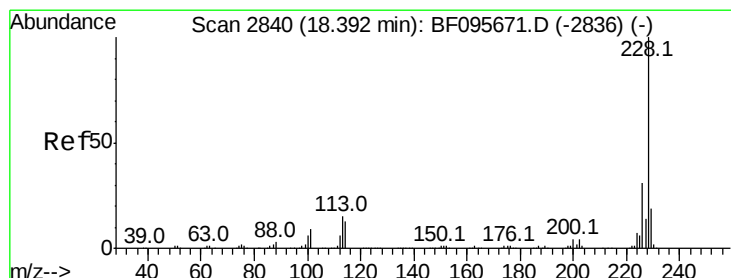
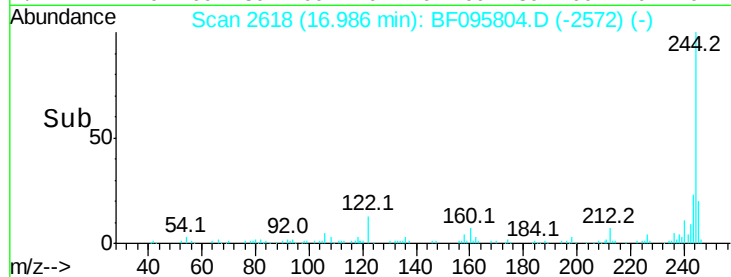
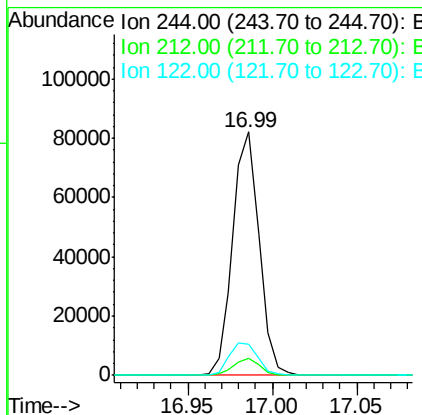
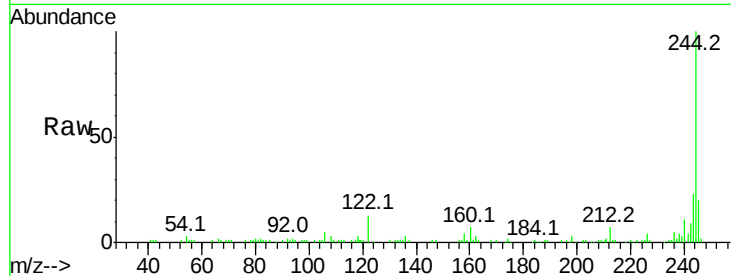
ClientSampleId :

OK-04-060817

Tot Ion:	244	Resp:	89348
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	12.7	10.3	15.5

Manual Integrations
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#82

Chrysene

Concen: 2.10 ng

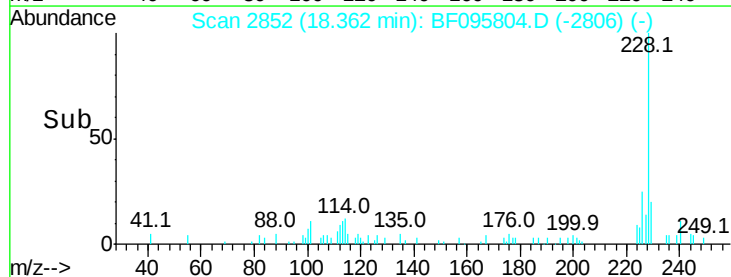
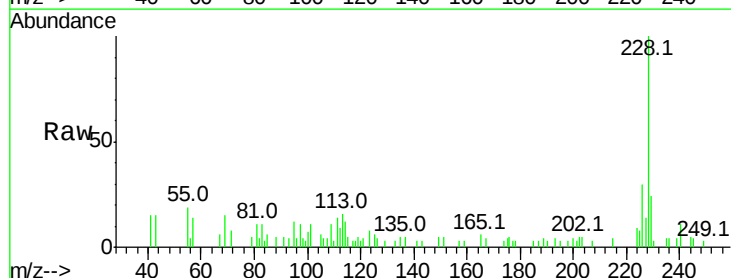
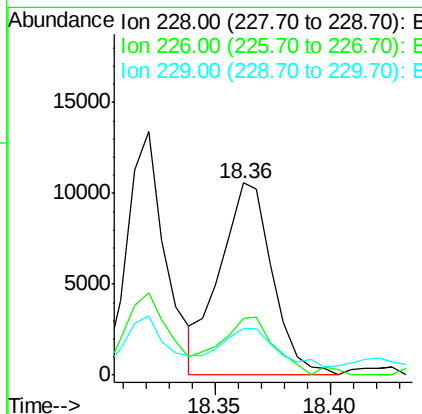
RT: 18.36 min Scan# 2852

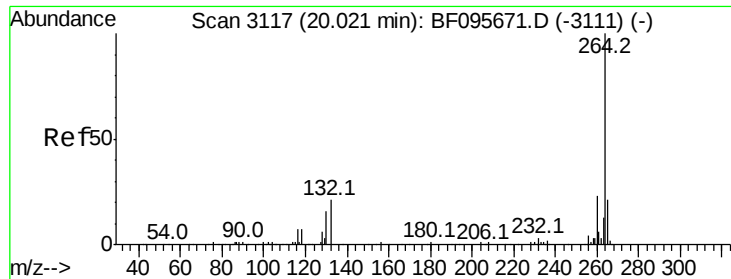
Delta R.T. -0.03 min

Lab File: BF095804.D

Acq: 9 Jun 2017 2:22

Tgt Ion:	228	Resp:	16768
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.9	37.3
229	24.2	15.8	23.6





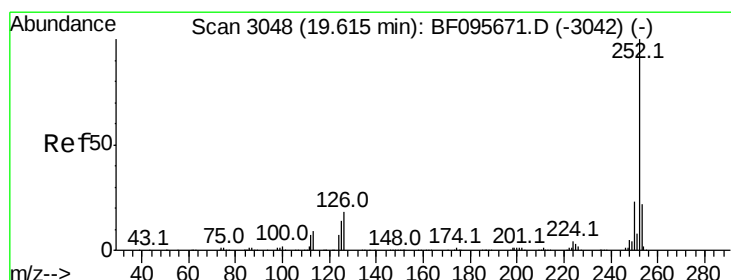
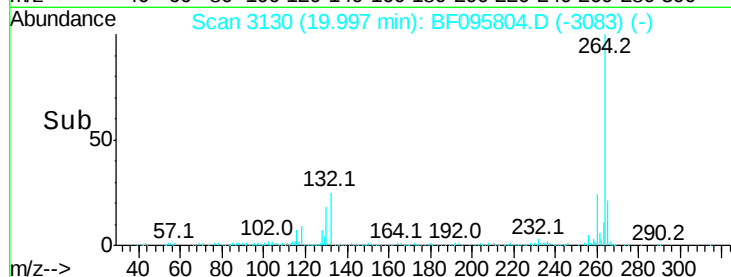
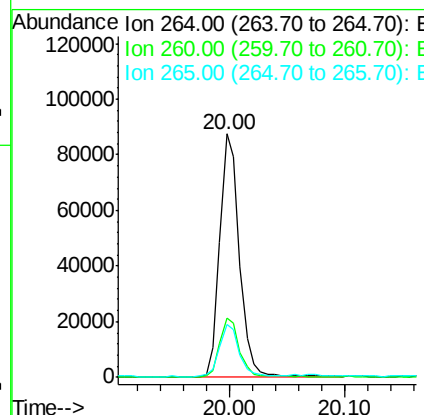
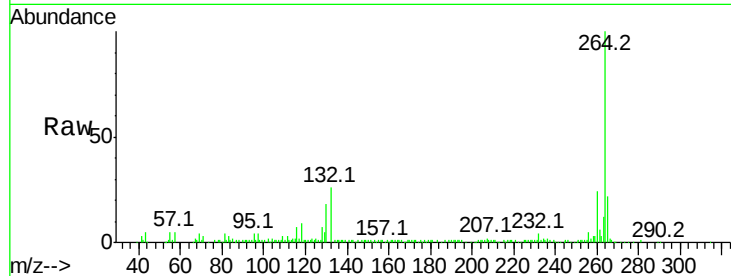
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095804.D
Acq: 9 Jun 2017 2:22

Instrument :
BNA_F
ClientSampleId :
OK-04-060817

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8

Manual Integrations
APPROVED

mohammad
6/9/2017 12:09:34 PM



#87
Benzo(b)fluoranthene
Concen: 2.60 ng
RT: 19.60 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095804.D
Acq: 9 Jun 2017 2:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.1	27.1#
125	21.3	9.8	14.8#

