

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095945.D
 Acq On : 15 Jun 2017 3:17
 Operator : SJ/MA
 Sample : I3635-13 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-061217-E

Manual Integrations
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 6/15/2017 3:55:58 PM

Quant Time: Jun 15 04:22:56 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	7.33	152	68816	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	260231	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	99294	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	157079	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	135263	20.00	ng	-0.05
86) Perylene-d12	19.97	264	90512	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	197422	45.71	ng	-0.05
7) Phenol-d6	6.91	99	238913	46.21	ng	-0.05
23) Nitrobenzene-d5	8.25	82	128922	30.77	ng	-0.07
41) 2,4,6-Tribromophenol	13.49	330	34581	39.36	ng	-0.06
44) 2-Fluorobiphenyl	11.15	172	271099	37.99	ng	-0.07
78) Terphenyl-d14	16.95	244	185742	34.08	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	11.85	163	28475	3.78	ng	96
70) Phenanthrene	14.62	178	26218	2.89	ng	96
74) Fluoranthene	16.40	202	63826	7.12	ng	98
77) Pyrene	16.70	202	59166	5.86	ng	# 95
80) Benzo(a)anthracene	18.29	228	30910	3.93	ng	98
82) Chrysene	18.34	228	31685	4.03	ng	94
87) Benzo(b)fluoranthene	19.57	252	32459m	5.73	ng	
88) Benzo(k)fluoranthene	19.60	252	12485m	2.30	ng	
89) Benzo(a)pyrene	19.92	252	22261	4.27	ng	# 87
91) Benzo(g,h,i)perylene	21.49	276	15669	3.48	ng	96

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

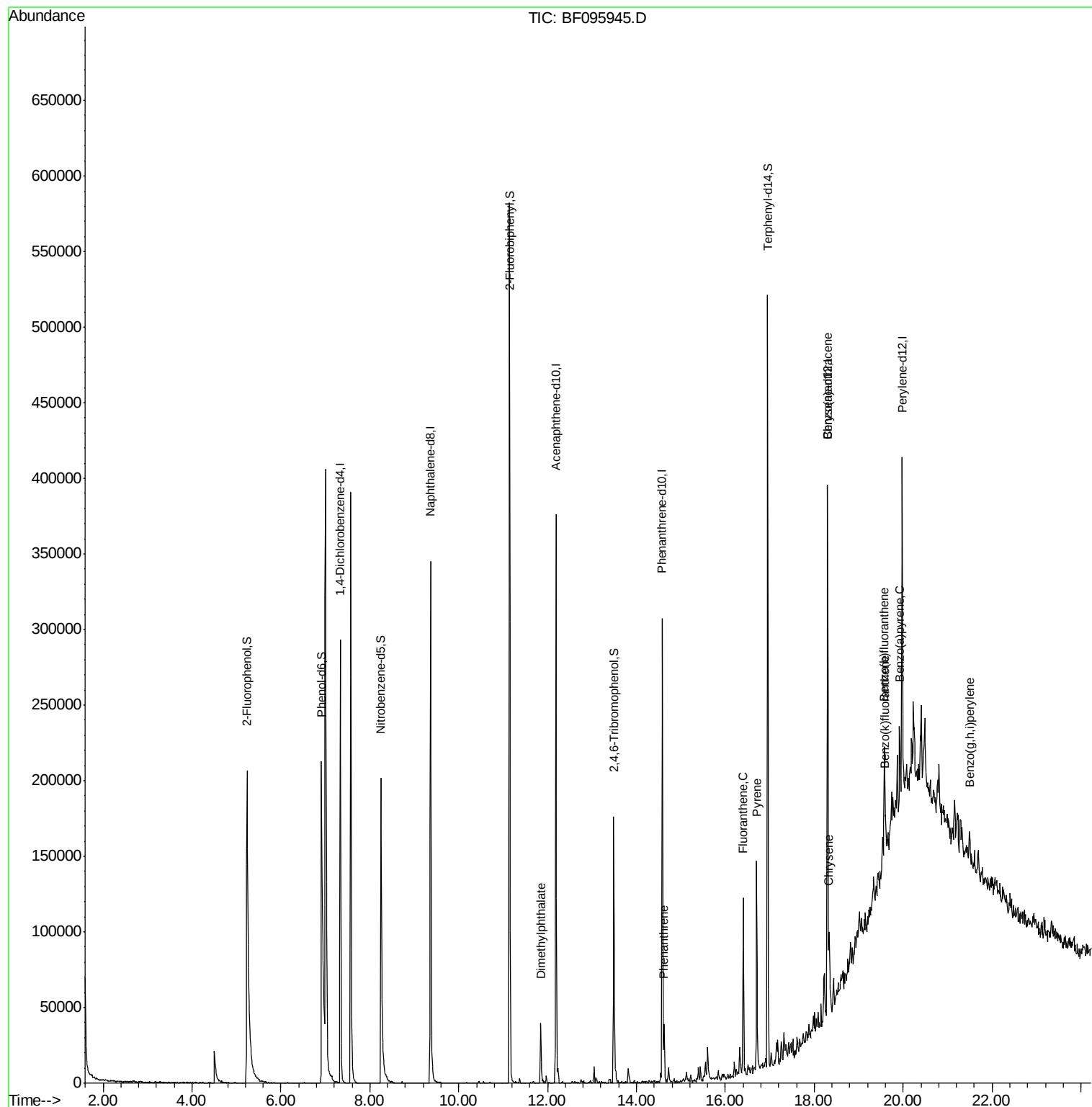
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095945.D
Acq On : 15 Jun 2017 3:17
Operator : SJ/MA
Sample : I3635-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

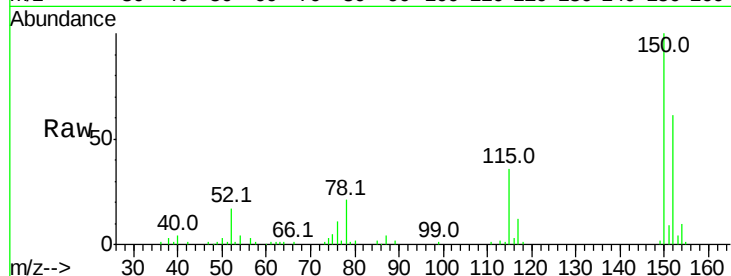
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :
CL-02-061217-E

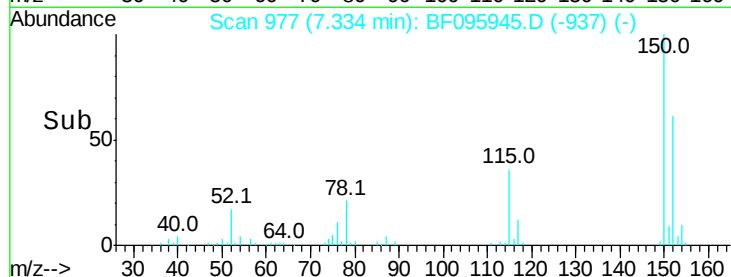
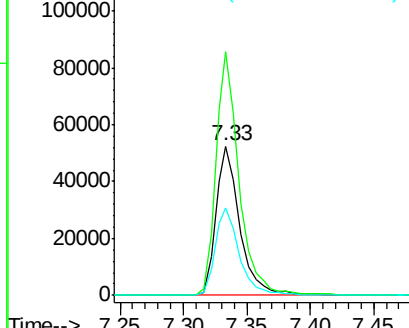
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	126.2	189.2
115	58.4	52.2	78.2

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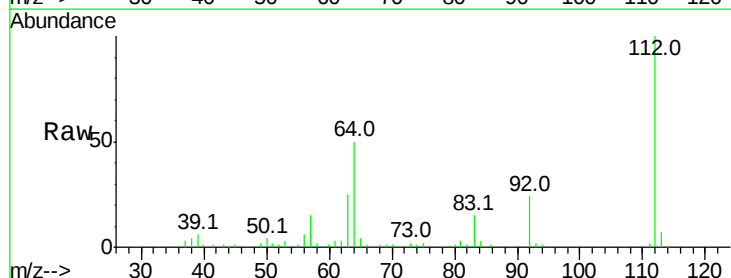
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



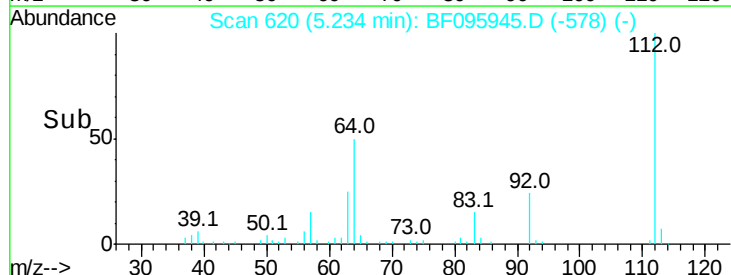
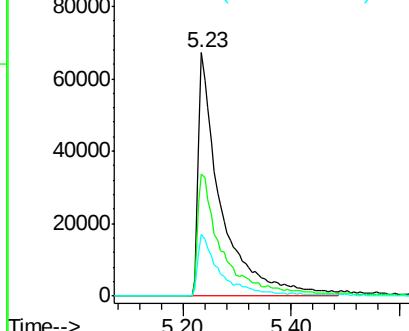
#5

2-Fluorophenol
Concen: 45.71 ng
RT: 5.23 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	46.0	69.0
63	25.4	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: 46.21 ng

RT: 6.91 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF095945.D

Acq: 15 Jun 2017 3:17

Instrument :

BNA_F

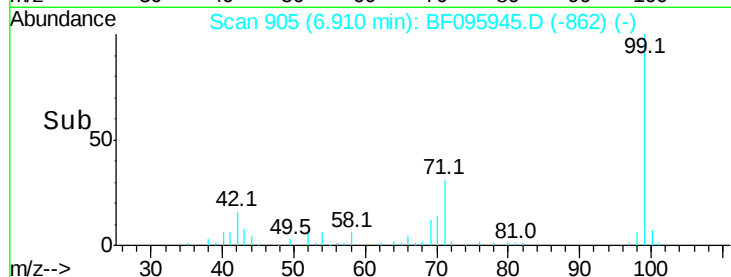
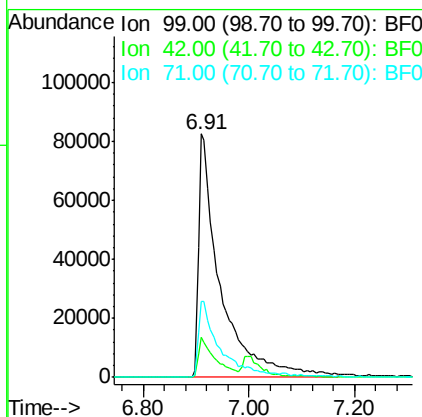
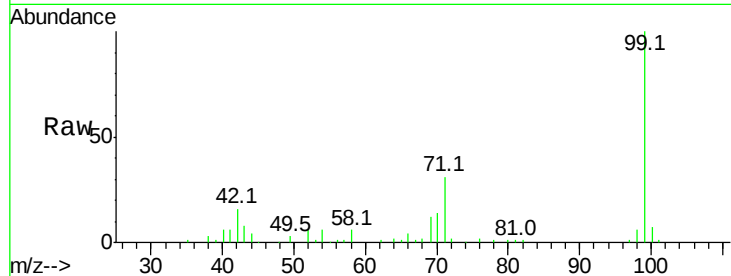
ClientSampleId :

CL-02-061217-E

Tot Ion:	99	Resp:	238913
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.5	20.3
71	31.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

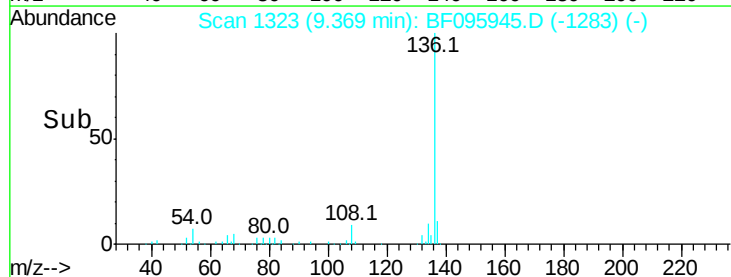
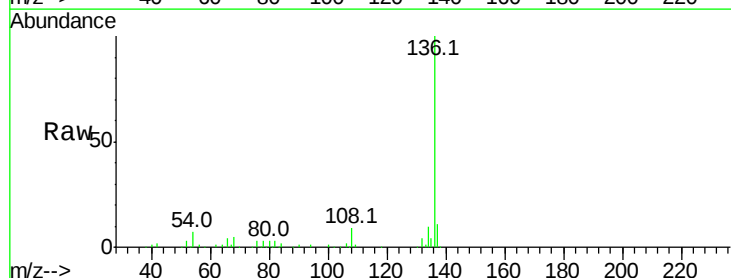
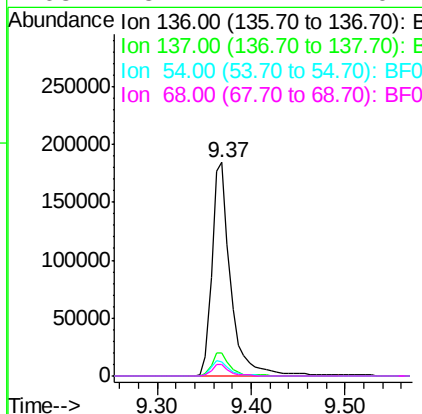
RT: 9.37 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF095945.D

Acq: 15 Jun 2017 3:17

Tgt Ion:	136	Resp:	260231
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.8	4.9	7.3
68	5.4	4.1	6.1





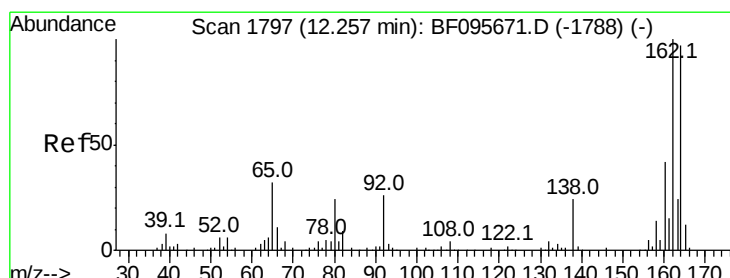
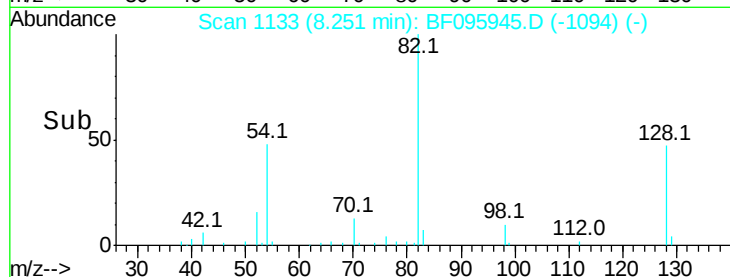
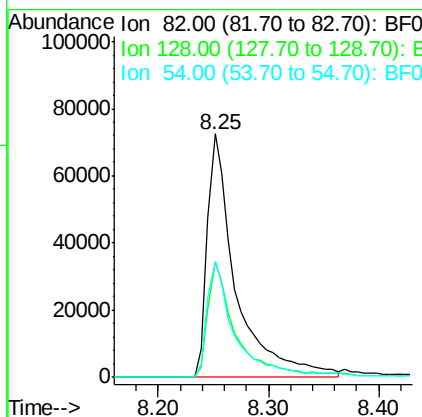
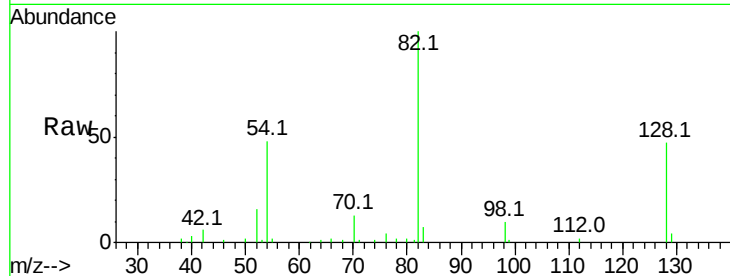
#23
 Nitrobenzene-d5
 Concen: 30.77 ng
 RT: 8.25 min Scan# 1133
 Delta R.T. -0.07 min
 Lab File: BF095945.D
 Acq: 15 Jun 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-061217-E

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	34.0	51.0	
54	47.6	42.2	63.2	

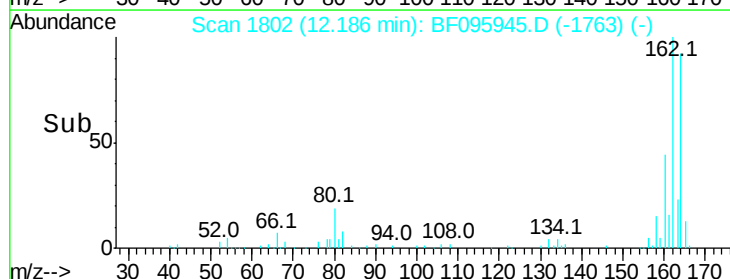
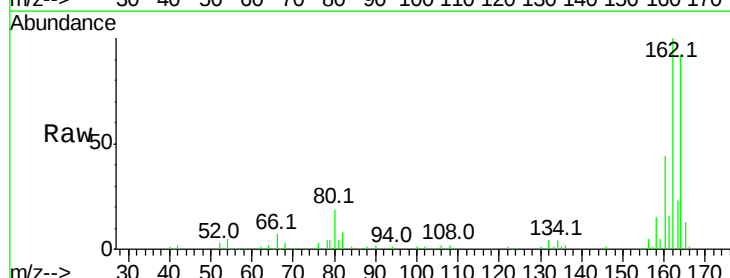
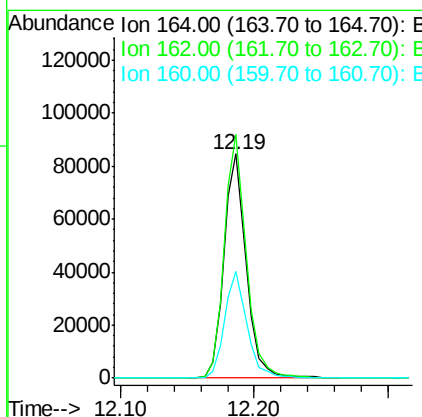
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.19 min Scan# 1802
 Delta R.T. -0.07 min
 Lab File: BF095945.D
 Acq: 15 Jun 2017 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	108.6	82.6	123.8	
160	47.4	36.2	54.2	





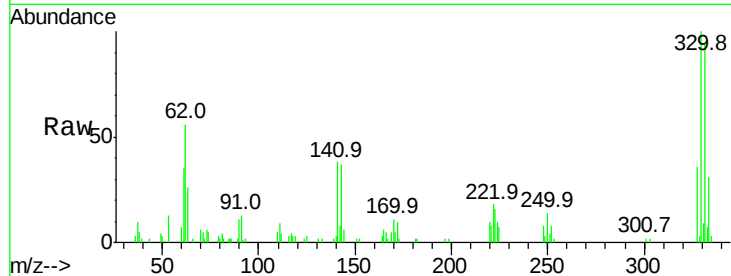
#41
 2,4,6-Tribromophenol
 Concen: 39.36 ng
 RT: 13.49 min Scan# 2023
 Delta R.T. -0.06 min
 Lab File: BF095945.D
 Acq: 15 Jun 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-061217-E

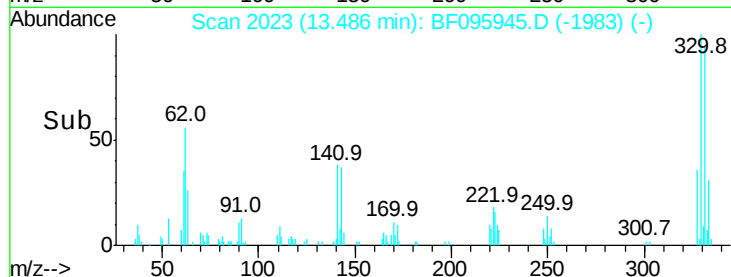
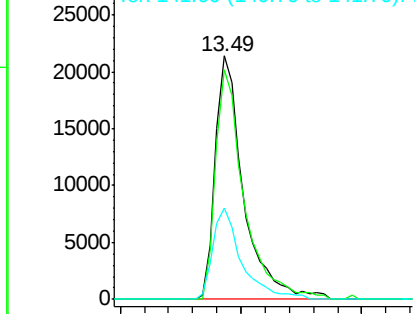
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	76.6	115.0	
141	38.2	31.4	47.2	

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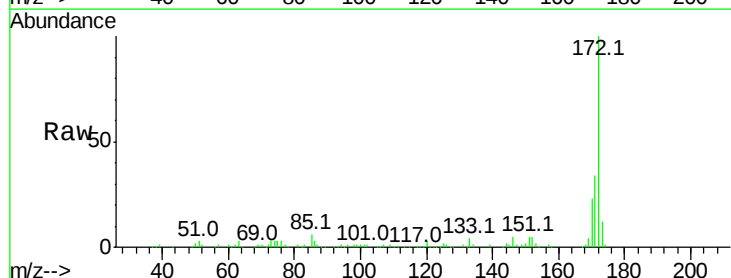


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

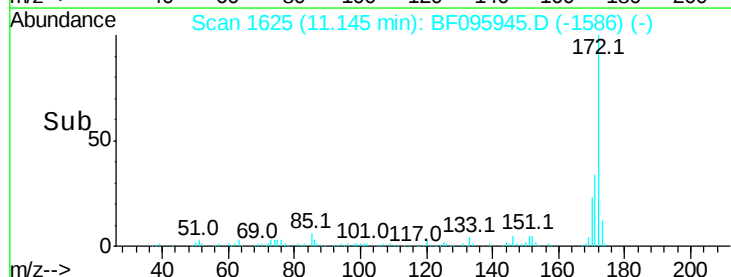
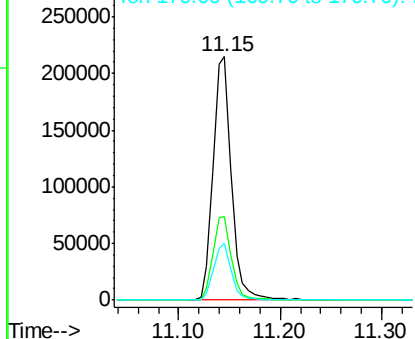


#44
 2-Fluorobiphenyl
 Concen: 37.99 ng
 RT: 11.15 min Scan# 1625
 Delta R.T. -0.07 min
 Lab File: BF095945.D
 Acq: 15 Jun 2017 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.2	29.6	44.4	
170	23.4	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





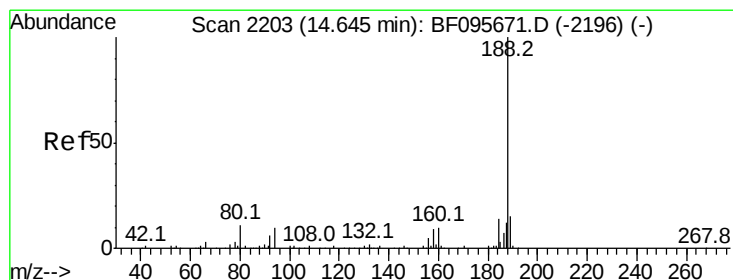
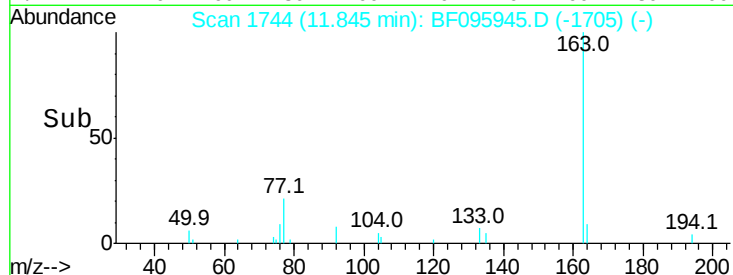
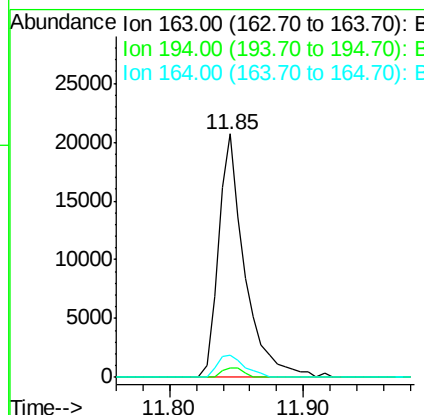
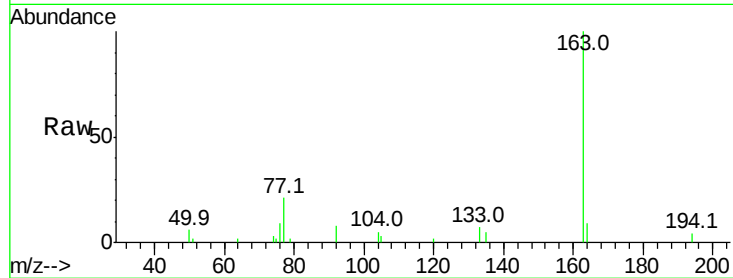
#49
Dimethylphthalate
Concen: 3.78 ng
RT: 11.85 min Scan# 1744
Delta R.T. -0.07 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :
CL-02-061217-E

Tot Ion	Ratio	Resp	Lower	Upper
163	100	28475		
194	3.8		2.6	4.0
164	8.9		8.4	12.6

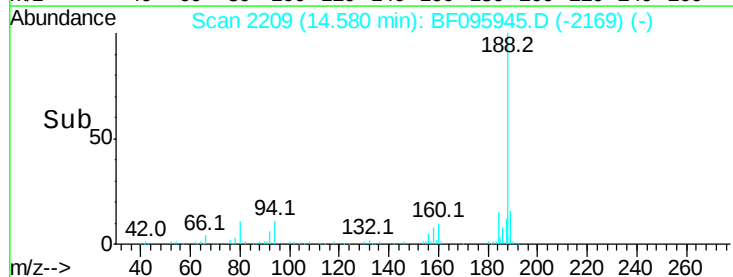
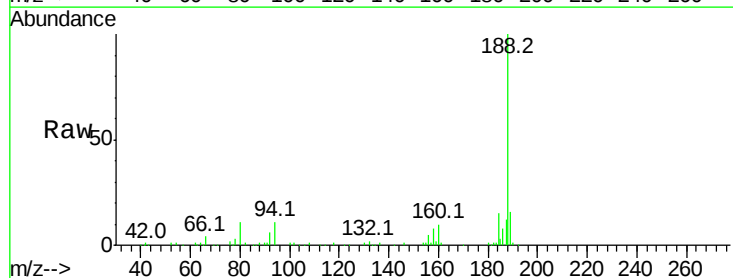
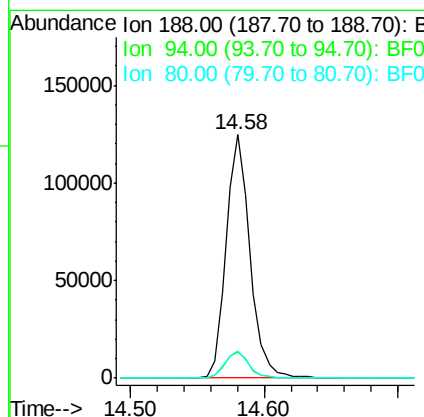
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	157079		
94	10.8		9.4	14.2
80	11.1		10.2	15.2





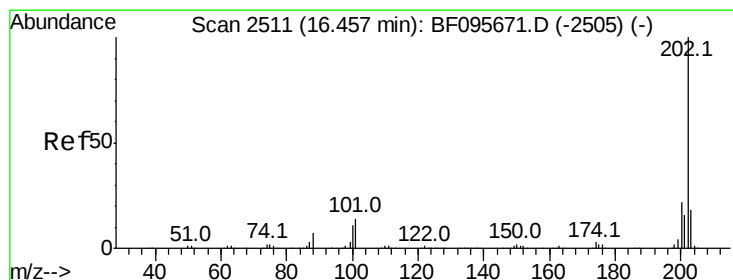
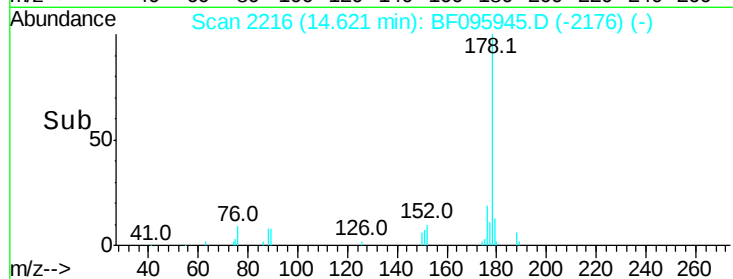
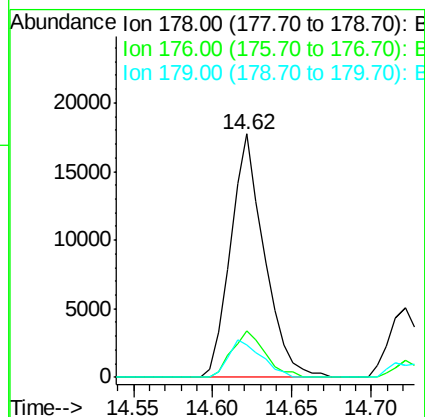
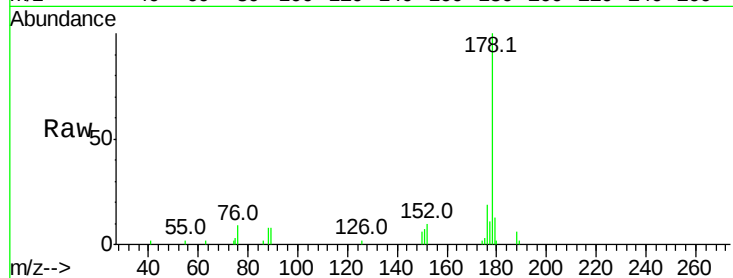
#70
Phenanthrene
Concen: 2.89 ng
RT: 14.62 min Scan# 2216
Delta R.T. -0.06 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :
CL-02-061217-E

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	13.4	12.6	19.0

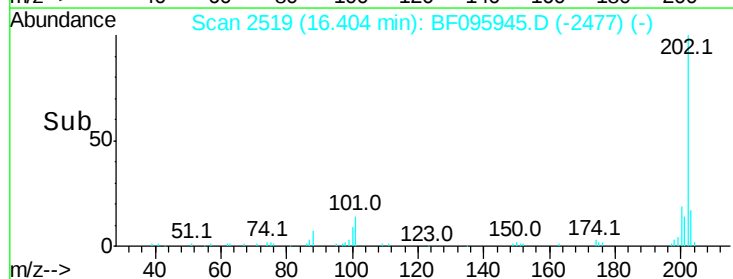
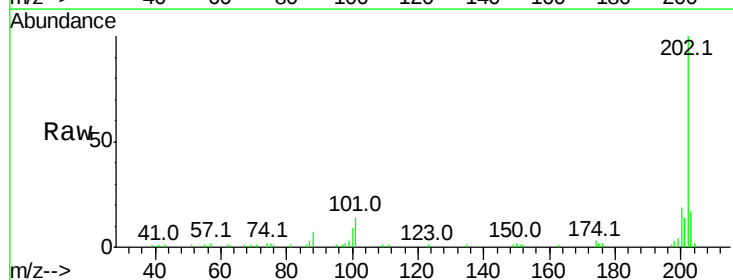
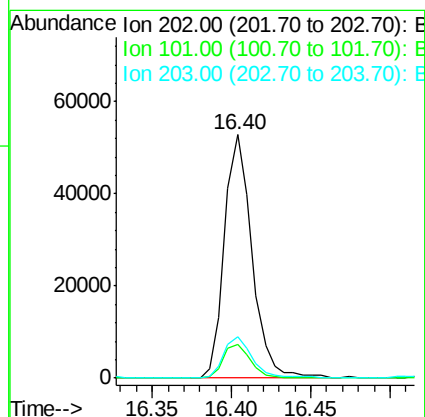
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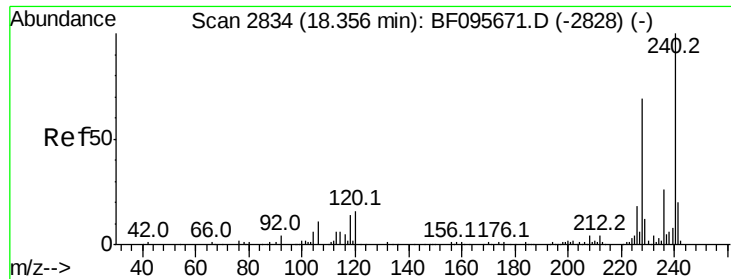
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#74
Fluoranthene
Concen: 7.12 ng
RT: 16.40 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.30 min Scan# 2842

Delta R.T. -0.05 min

Lab File: BF095945.D

Acq: 15 Jun 2017 3:17

Instrument :

BNA_F

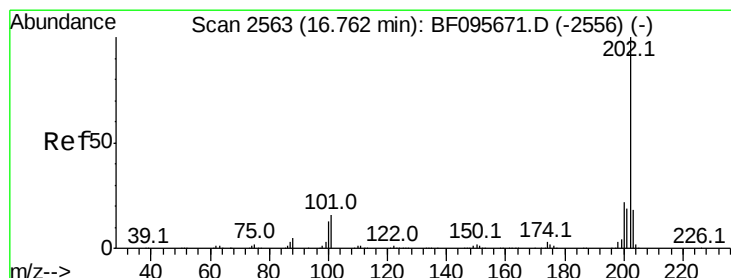
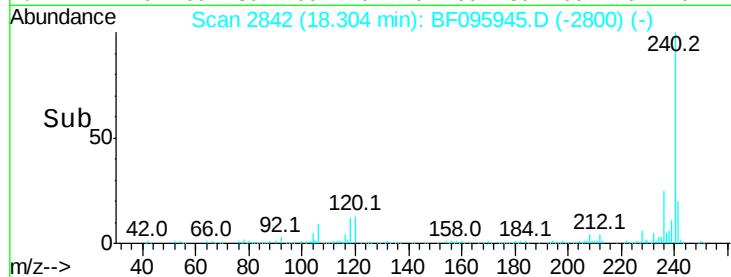
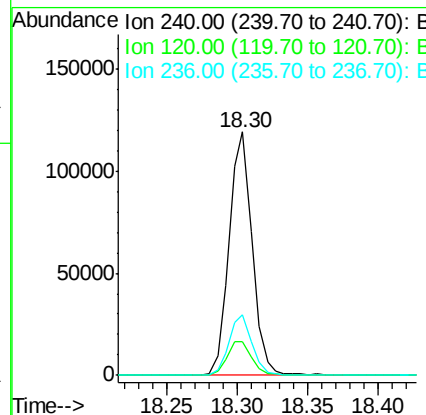
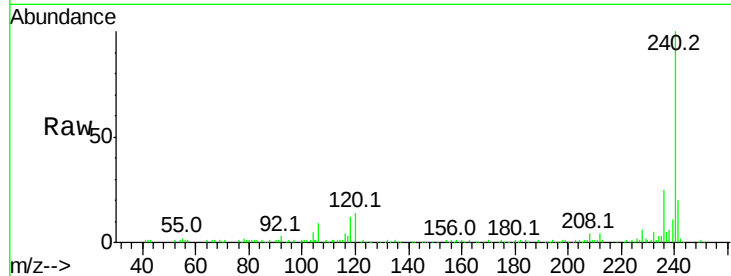
ClientSampleId :

CL-02-061217-E

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.1	20.5	30.7

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#77

Pyrene

Concen: 5.86 ng

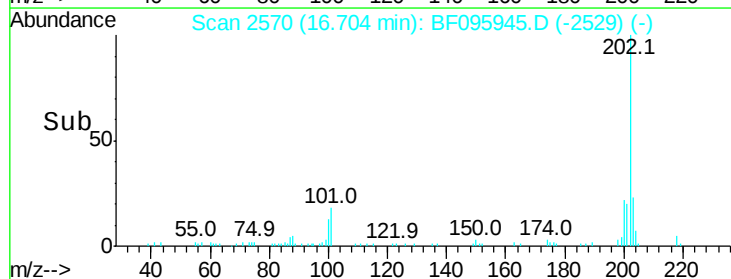
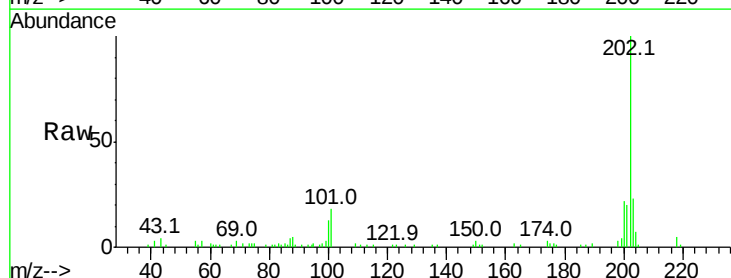
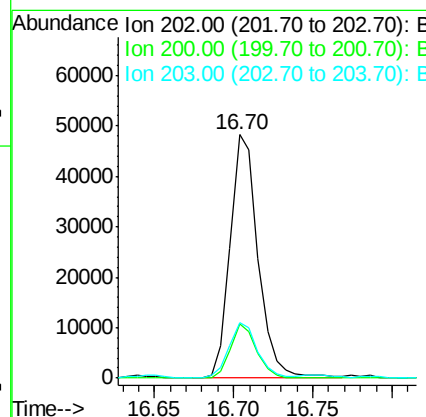
RT: 16.70 min Scan# 2570

Delta R.T. -0.06 min

Lab File: BF095945.D

Acq: 15 Jun 2017 3:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	22.8	14.4	21.6#





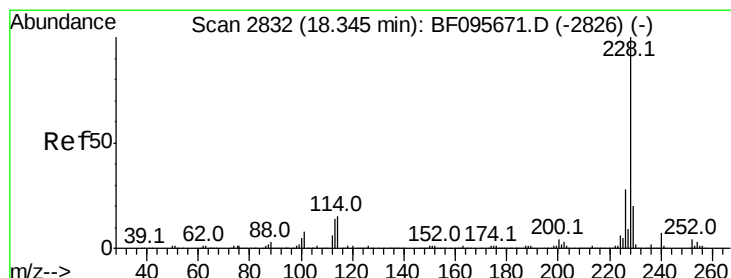
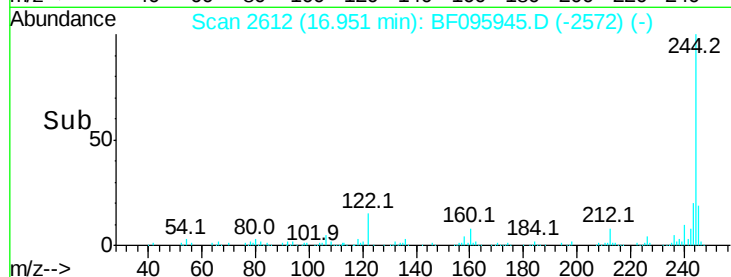
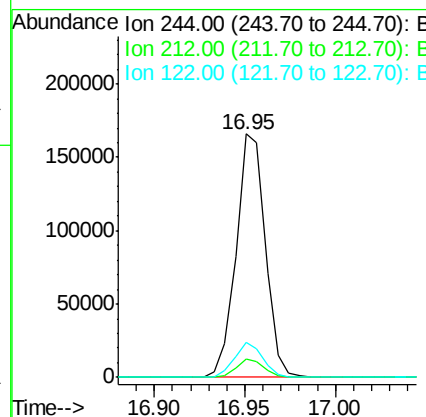
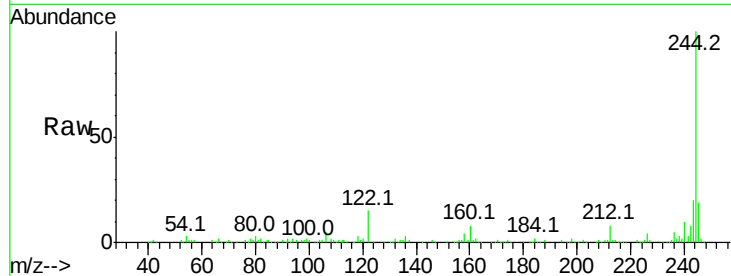
#78
 Terphenyl-d14
 Concen: 34.08 ng
 RT: 16.95 min Scan# 2612
 Delta R.T. -0.06 min
 Lab File: BF095945.D
 Acq: 15 Jun 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-061217-E

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.6	10.3	15.5

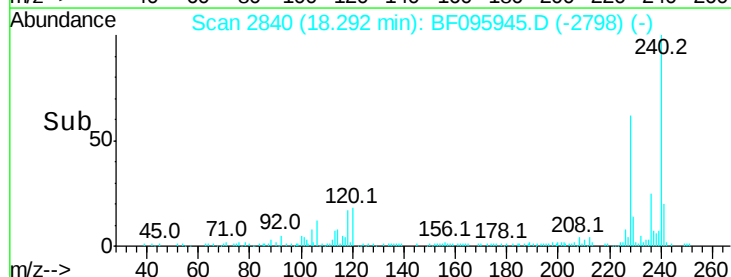
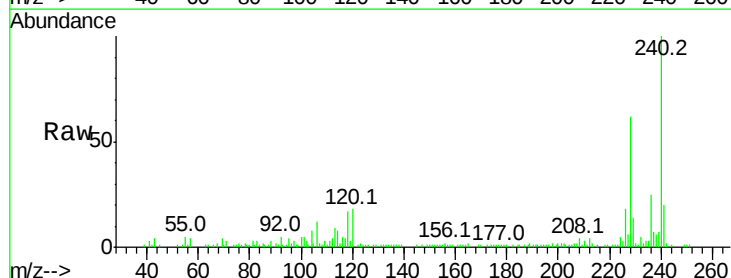
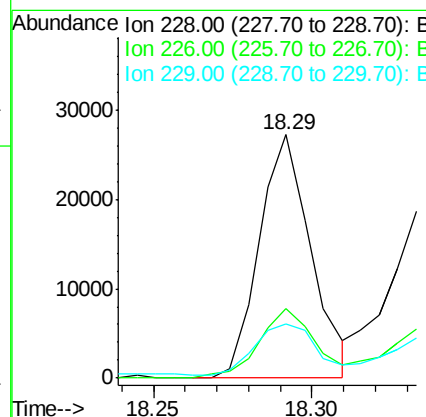
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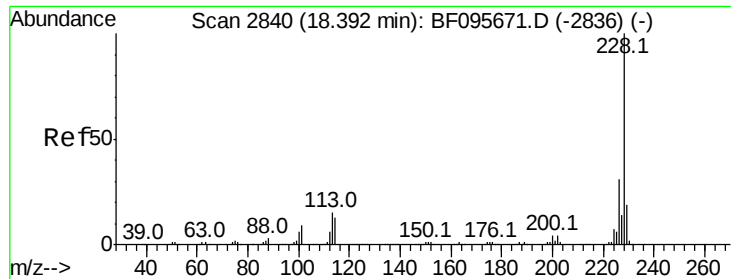
mohammad
 6/15/2017 3:55:58 PM



#80
 Benzo(a)anthracene
 Concen: 3.93 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.05 min
 Lab File: BF095945.D
 Acq: 15 Jun 2017 3:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	22.2	16.3	24.5





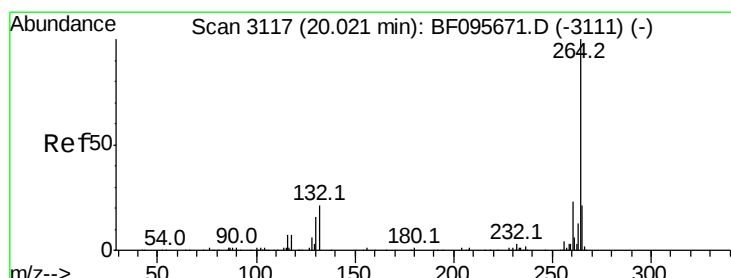
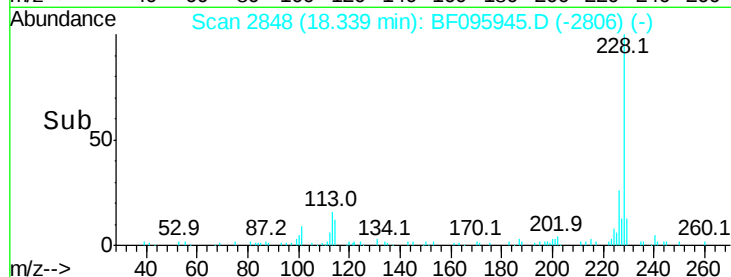
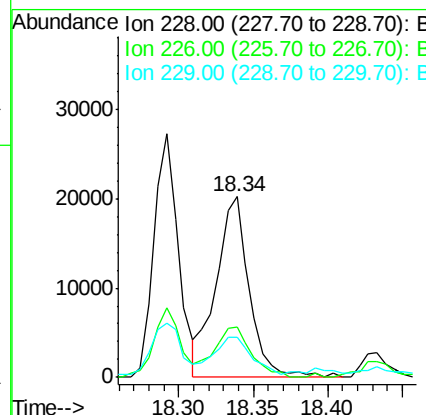
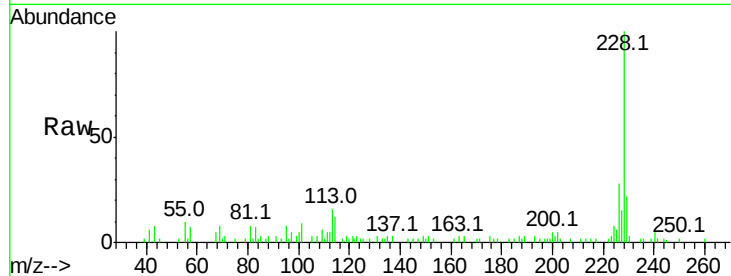
#82
Chrysene
Concen: 4.03 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampled :
CL-02-061217-E

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.9	37.3
229	22.0	15.8	23.6

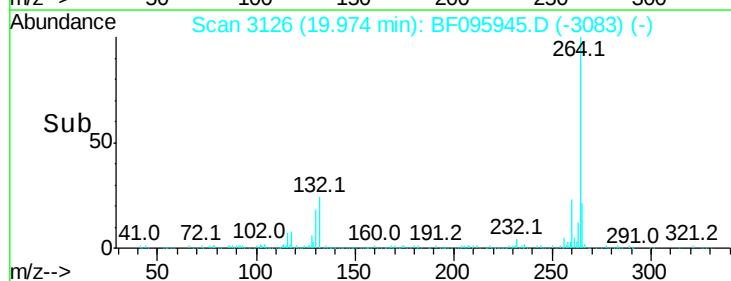
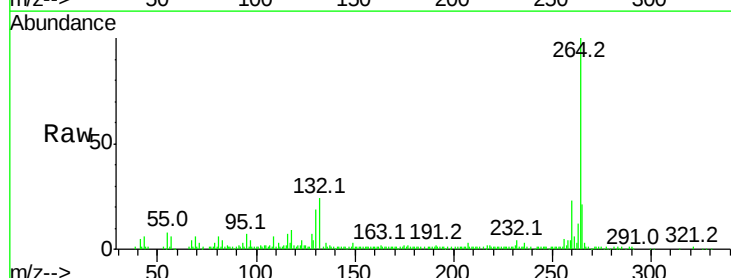
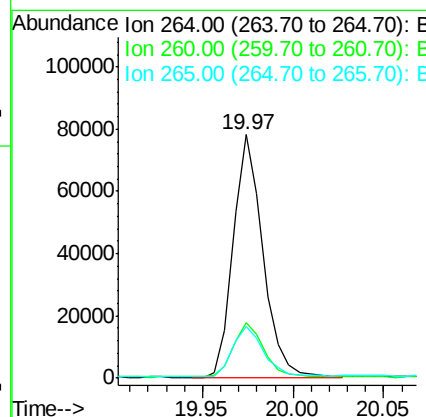
Manual Integrations
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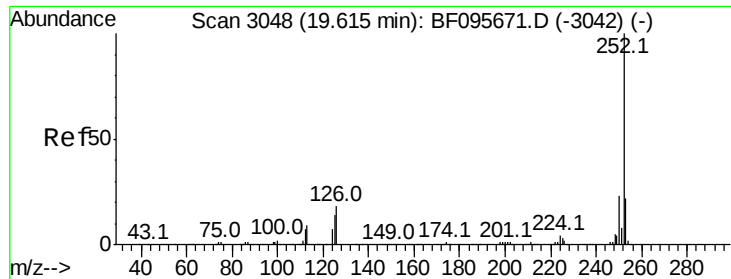
mohammad
6/15/2017 3:55:58 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3126
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 5.73 ng m

RT: 19.57 min Scan# 3058

Delta R.T. -0.04 min

Lab File: BF095945.D

Acq: 15 Jun 2017 3:17

Instrument :

BNA_F

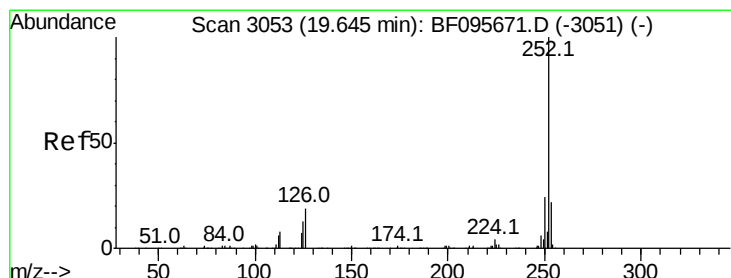
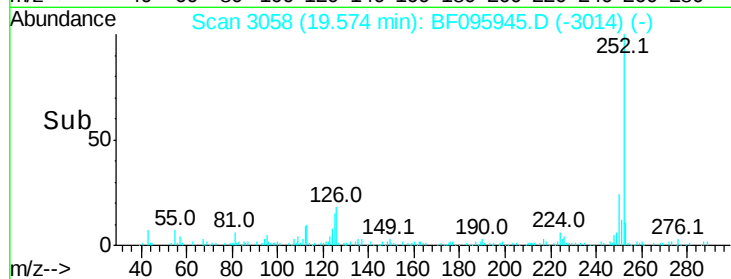
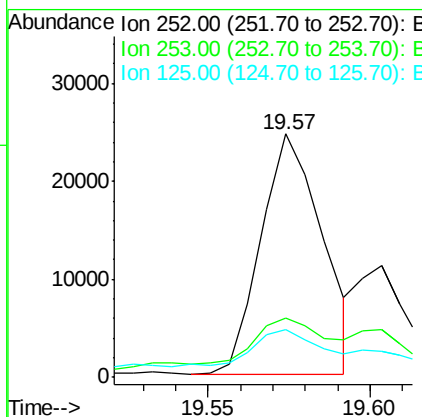
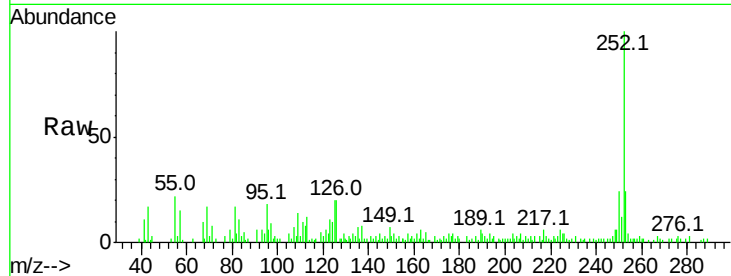
ClientSampleId :

CL-02-061217-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	19.6	9.8	14.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.30 ng m

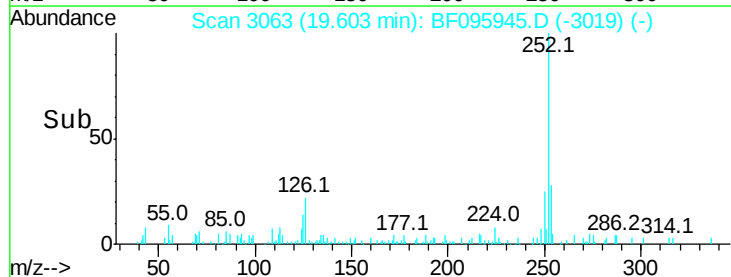
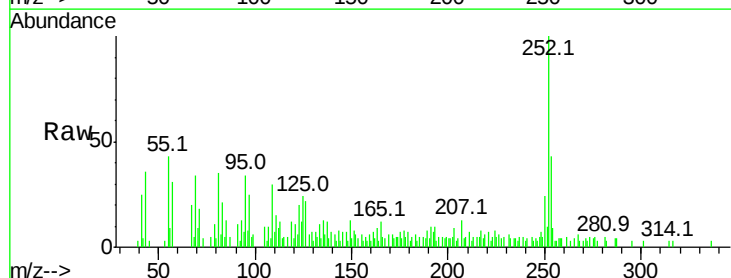
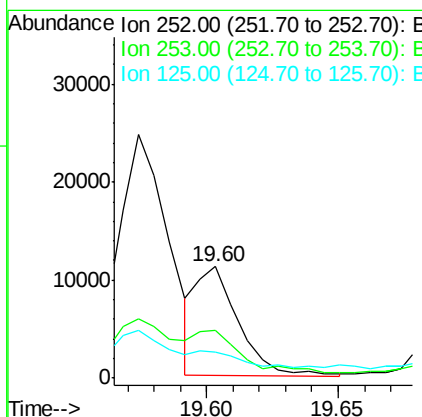
RT: 19.60 min Scan# 3063

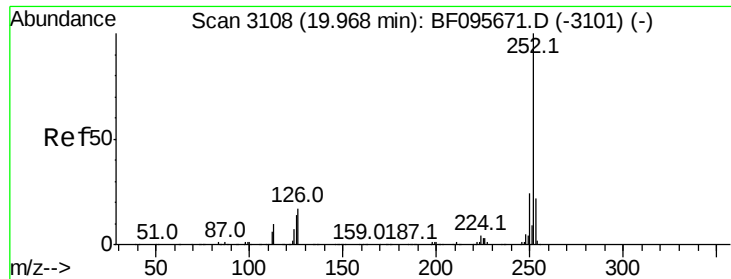
Delta R.T. -0.04 min

Lab File: BF095945.D

Acq: 15 Jun 2017 3:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.8	18.4	27.6#
125	23.7	13.1	19.7#





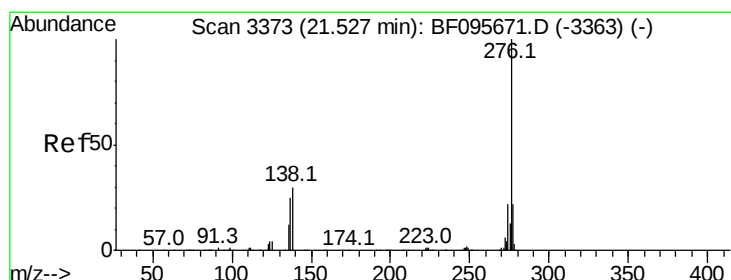
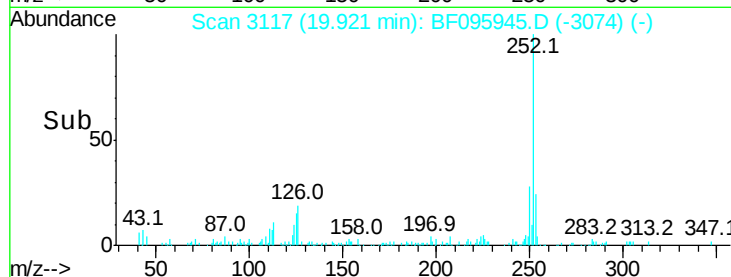
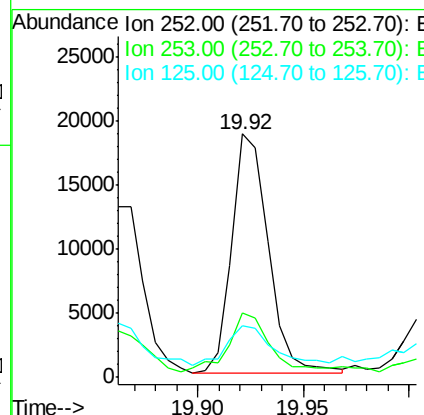
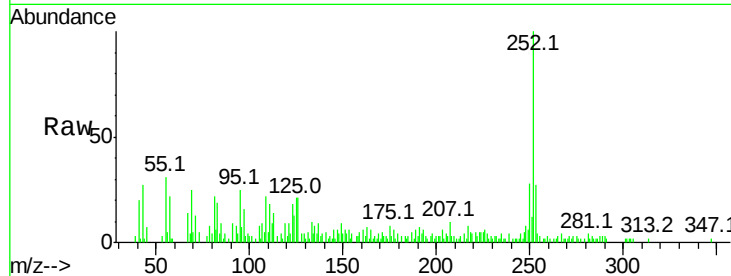
#89
Benzo(a)pyrene
Concen: 4.27 ng
RT: 19.92 min Scan# 3117
Delta R.T. -0.05 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Instrument :
BNA_F
ClientSampleId :
CL-02-061217-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.5	26.3#
125	21.2	11.0	16.4#

Manual Integrations
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6/15/2017 3:55:58 PM



#91
Benzo(g,h,i)perylene
Concen: 3.48 ng
RT: 21.49 min Scan# 3384
Delta R.T. -0.04 min
Lab File: BF095945.D
Acq: 15 Jun 2017 3:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	28.0
138	32.1	25.4	38.0

