

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095142.D
 Acq On : 16 May 2017 00:04
 Operator : SJ/MA
 Sample : I3140-10 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-3

Manual Integrations
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Quant Time: May 16 08:48:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	78961	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	307626	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	143880	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	199122	20.00	ng	0.05
75) Chrysene-d12	18.70	240	181784	20.00	ng	0.05
86) Perylene-d12	20.38	264	161800	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	68542	14.47	ng	0.11
7) Phenol-d6	7.35	99	82440	14.51	ng	0.07
23) Nitrobenzene-d5	8.69	82	57371	11.76	ng	0.05
41) 2,4,6-Tribromophenol	13.94	330	13806	11.72	ng	0.06
44) 2-Fluorobiphenyl	11.57	172	113349	11.34	ng	0.04
78) Terphenyl-d14	17.35	244	59574	7.22	ng	0.04
Target Compounds						Qvalue
74) Fluoranthene	16.81	202	47250	4.03	ng	97
77) Pyrene	17.12	202	45454	3.34	ng	95
80) Benzo(a)anthracene	18.69	228	26410	2.50	ng	98
82) Chrysene	18.74	228	29172m	2.85	ng	
87) Benzo(b)fluoranthene	19.97	252	33513m	3.35	ng	
89) Benzo(a)pyrene	20.32	252	22173	2.40	ng	# 93

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

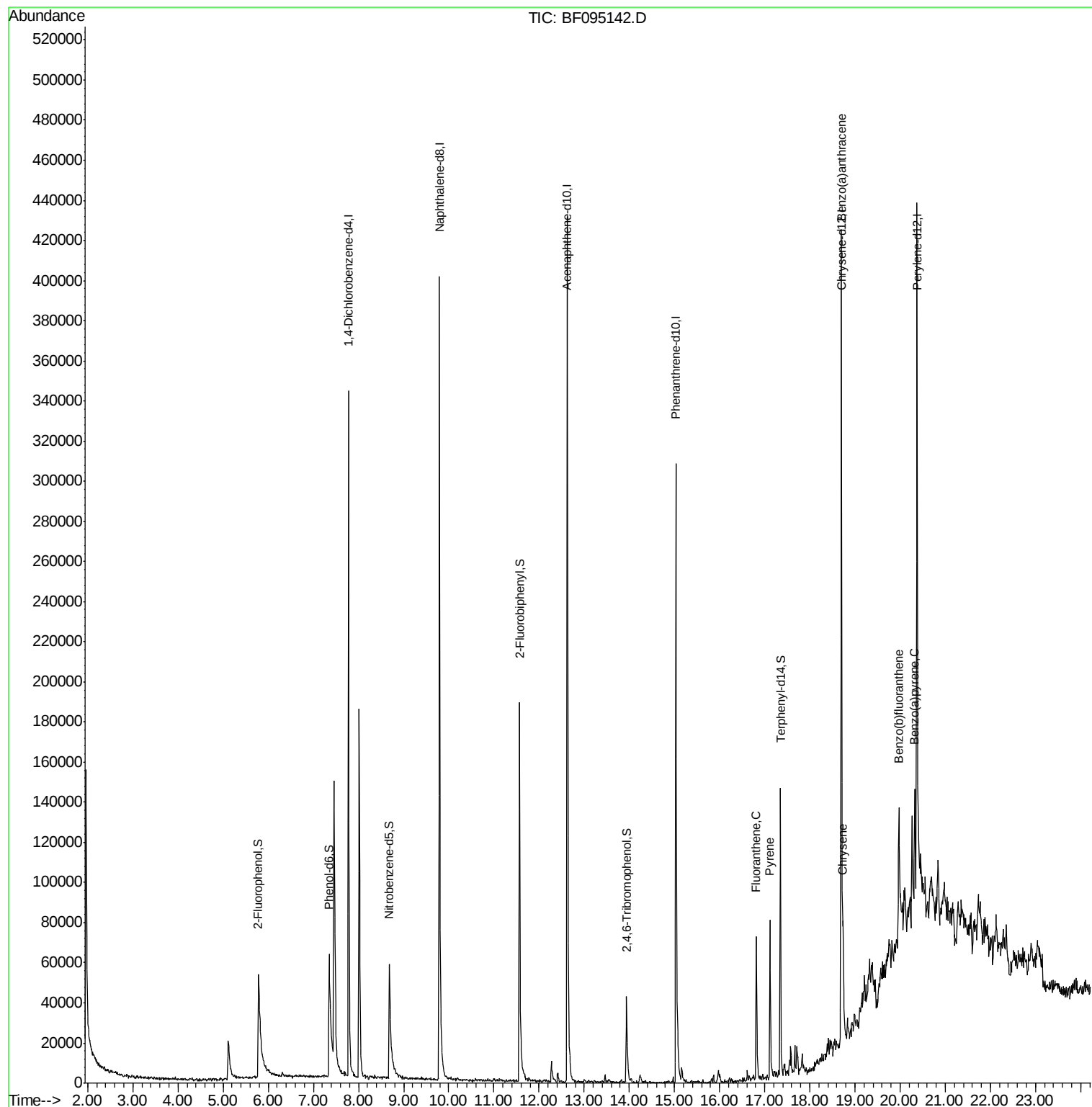
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095142.D
Acq On : 16 May 2017 00:04
Operator : SJ/MA
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TP-3-3

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#1

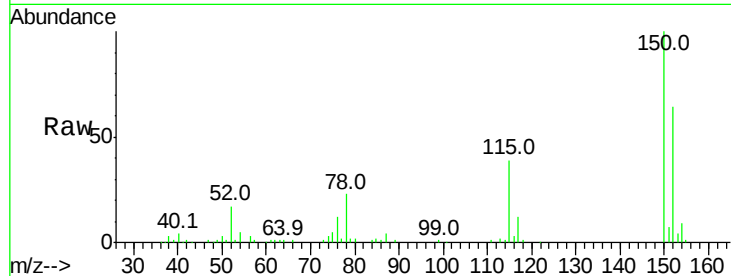
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampled :
TP-3-3

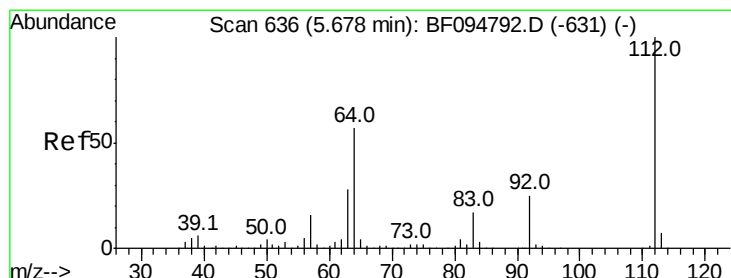
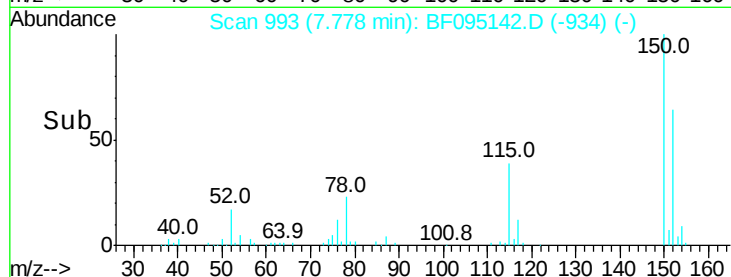
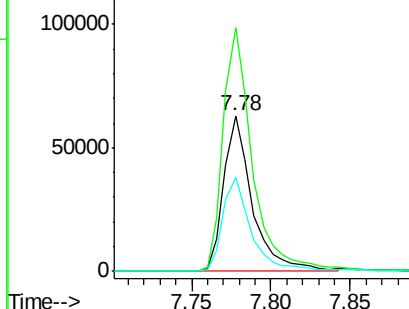
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	60.4	52.2	78.2

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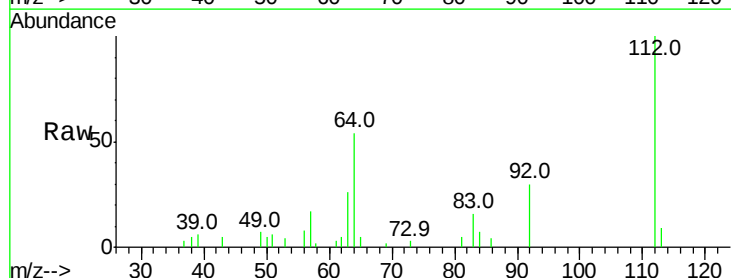
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



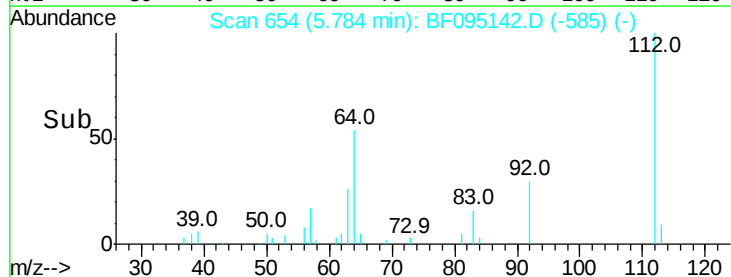
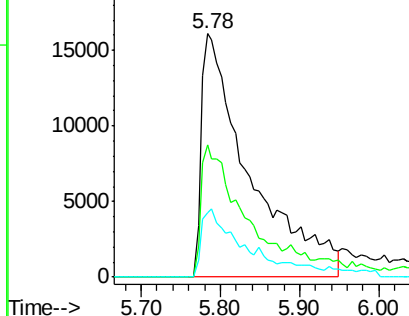
#5

2-Fluorophenol
Concen: 14.47 ng
RT: 5.78 min Scan# 654
Delta R.T. 0.11 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	26.3	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: 14.51 ng

RT: 7.35 min Scan# 920

Delta R.T. 0.07 min

Lab File: BF095142.D

Acq: 16 May 2017 00:04

Instrument :

BNA_F

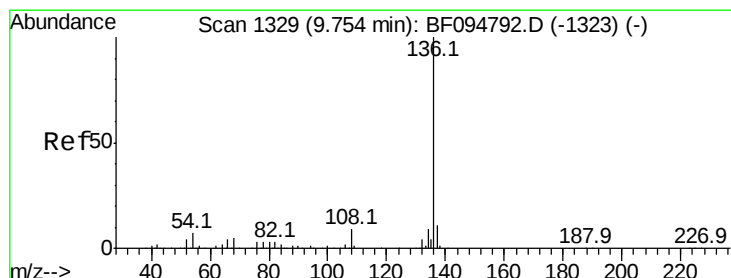
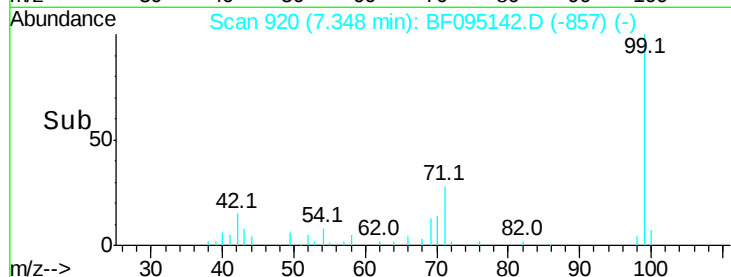
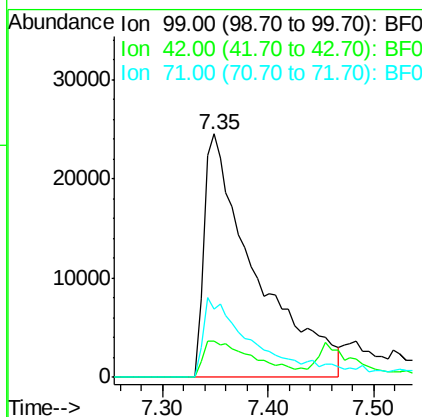
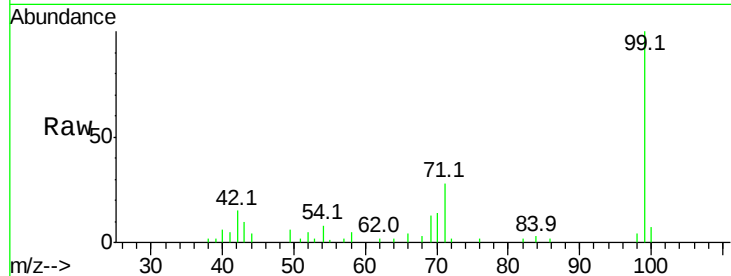
ClientSampled :

TP-3-3

Tot Ion:	99	Resp:	82440
Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	28.2	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

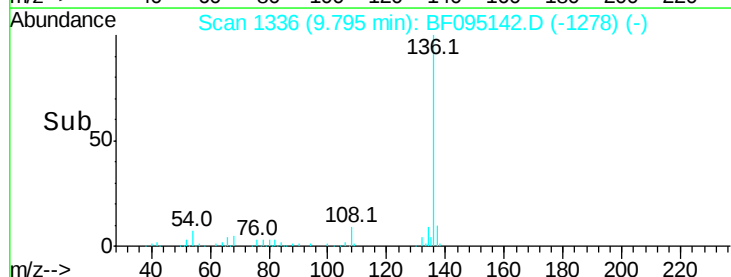
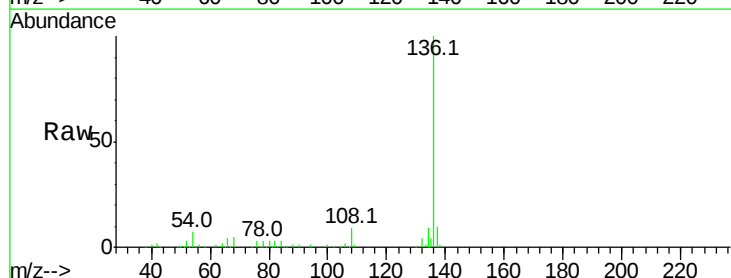
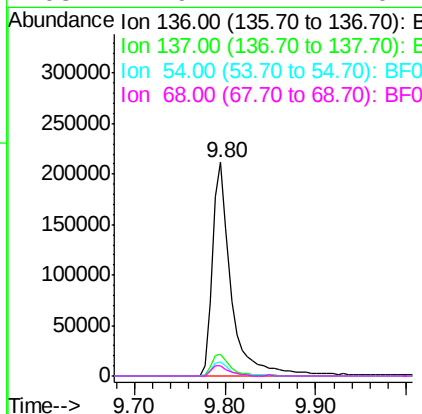
RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095142.D

Acq: 16 May 2017 00:04

Tgt Ion:	136	Resp:	307626
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.8	4.9	7.3
68	4.9	4.1	6.1





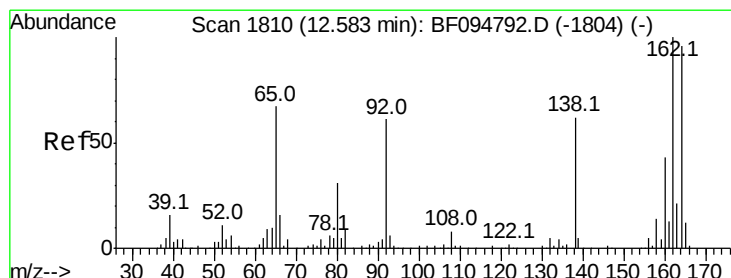
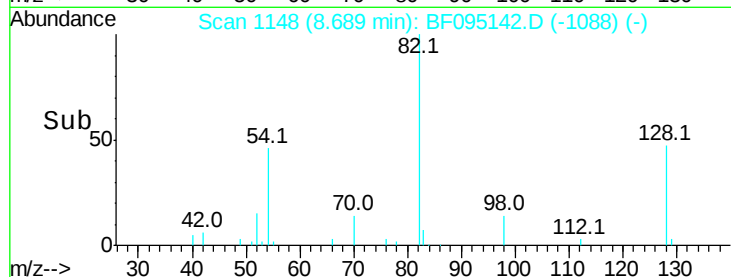
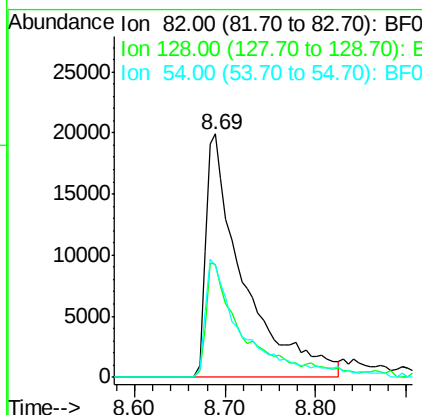
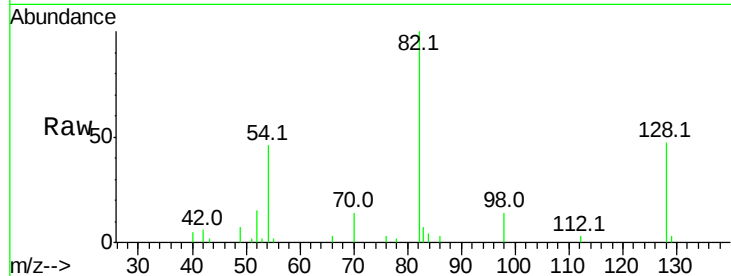
#23
 Nitrobenzene-d5
 Concen: 11.76 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. 0.05 min
 Lab File: BF095142.D
 Acq: 16 May 2017 00:04

Instrument :
 BNA_F
 ClientSampled :
 TP-3-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	45.8	42.2	63.2

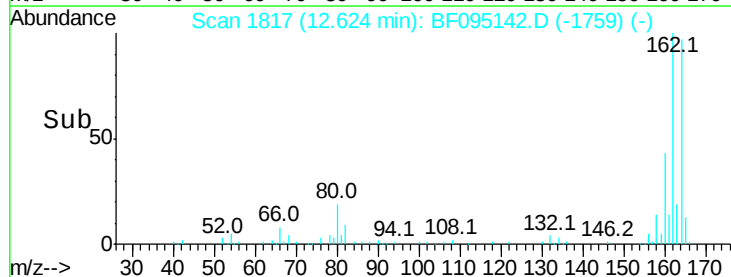
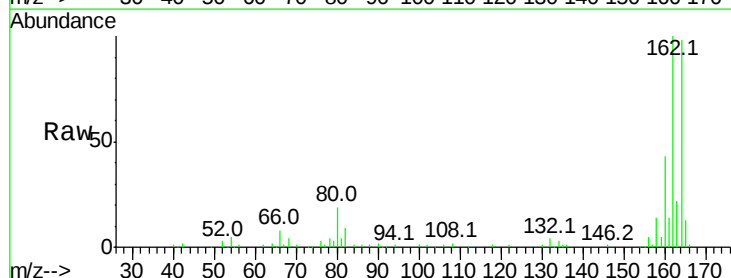
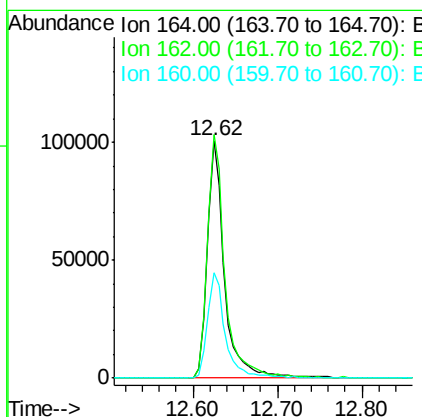
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095142.D
 Acq: 16 May 2017 00:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.5	36.2	54.2





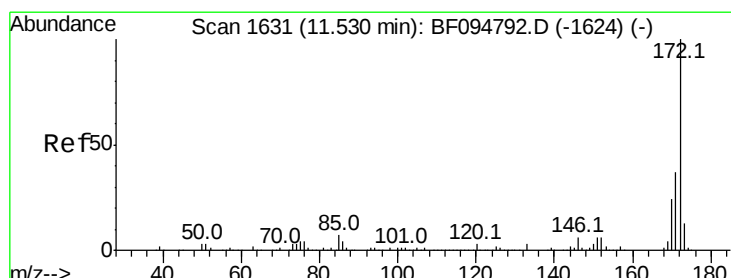
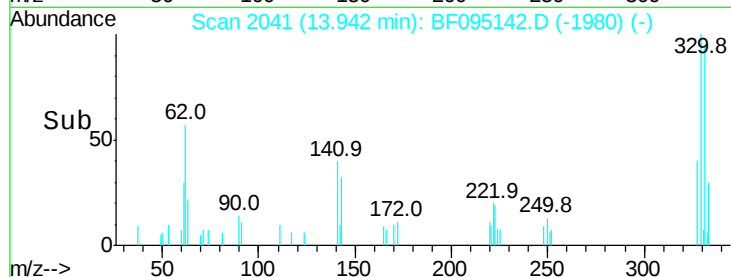
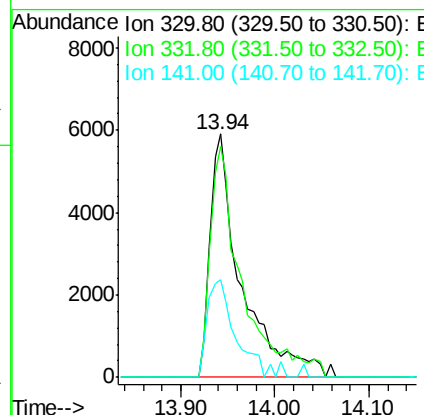
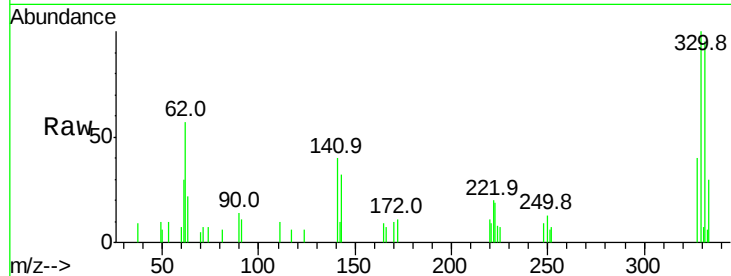
#41
 2,4,6-Tribromophenol
 Concen: 11.72 ng
 RT: 13.94 min Scan# 2041
 Delta R.T. 0.06 min
 Lab File: BF095142.D
 Acq: 16 May 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.6	115.0	
141	36.0	31.4	47.2	

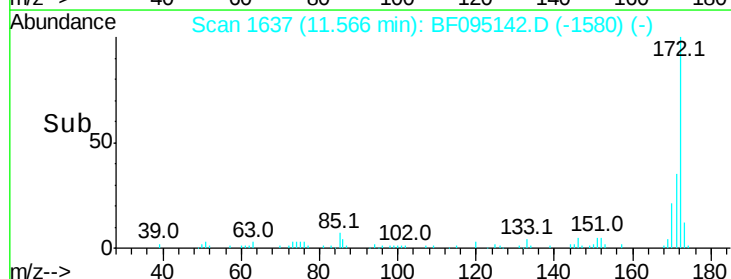
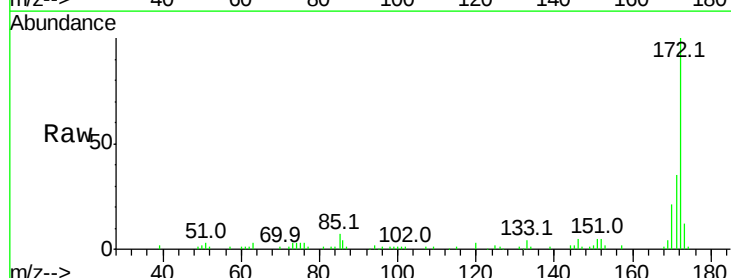
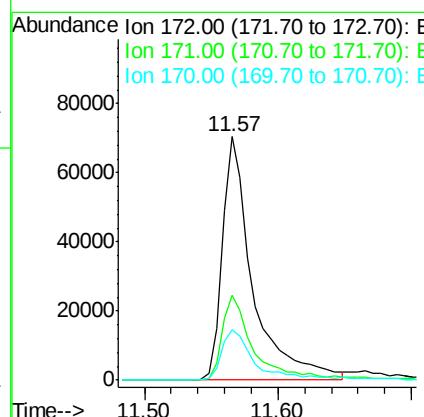
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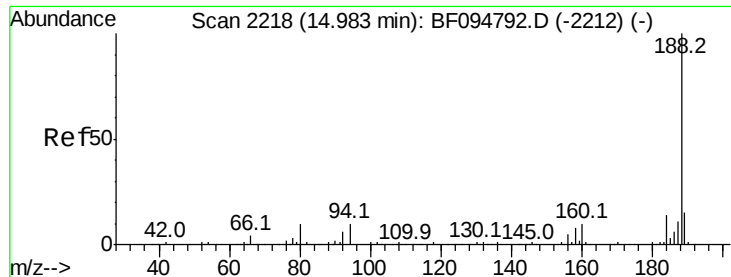
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#44
 2-Fluorobiphenyl
 Concen: 11.34 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095142.D
 Acq: 16 May 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	29.6	44.4	
170	20.5	19.8	29.8	





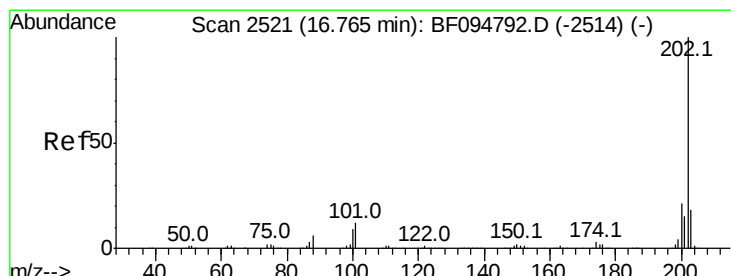
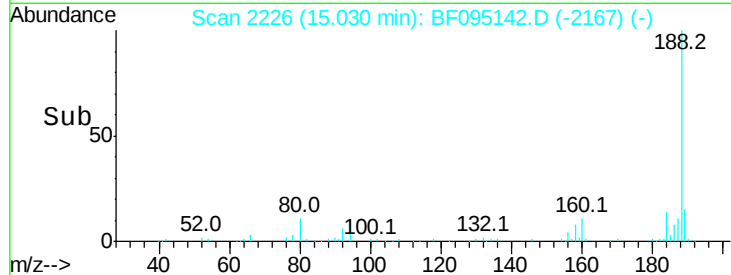
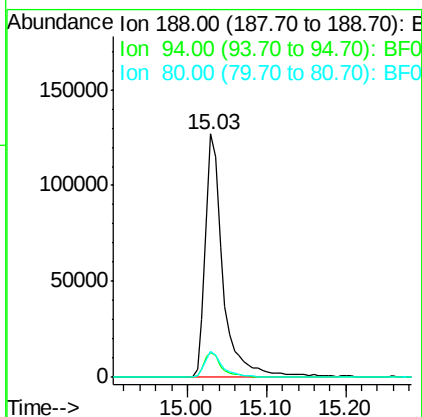
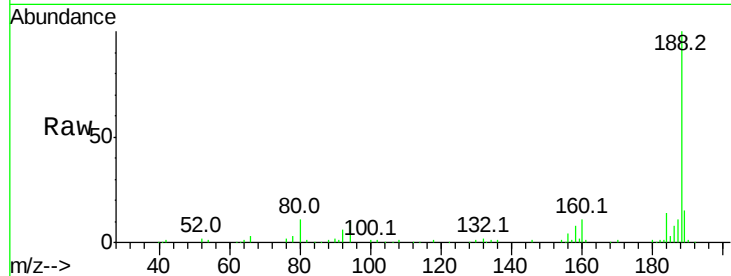
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.03 min Scan# 2226
 Delta R.T. 0.05 min
 Lab File: BF095142.D
 Acq: 16 May 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	199122		
94	10.2		9.4	14.2
80	10.7		10.2	15.2

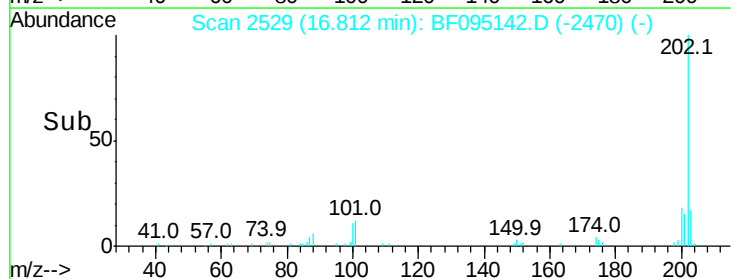
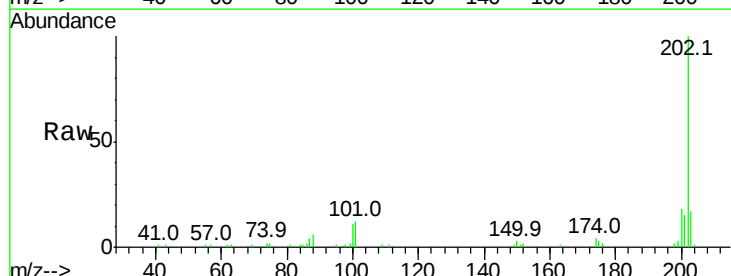
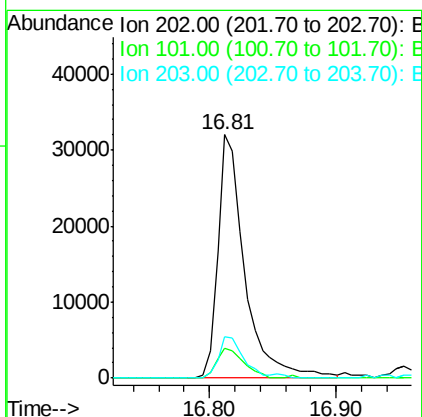
Manual Integrations
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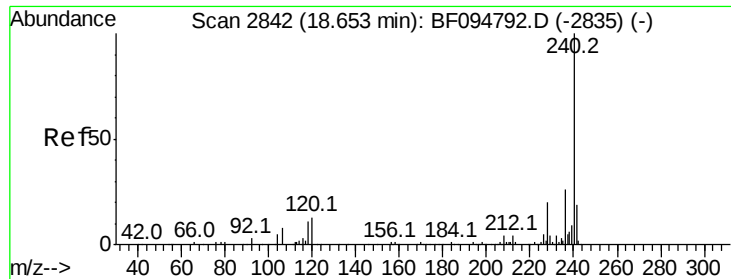
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#74
 Fluoranthene
 Concen: 4.03 ng
 RT: 16.81 min Scan# 2529
 Delta R.T. 0.05 min
 Lab File: BF095142.D
 Acq: 16 May 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	47250		
101	12.0		0.0	33.2
203	17.0		0.0	38.1





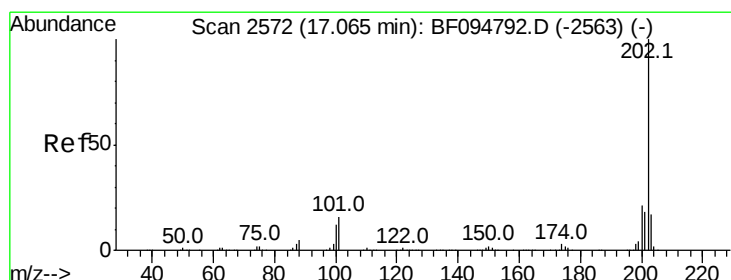
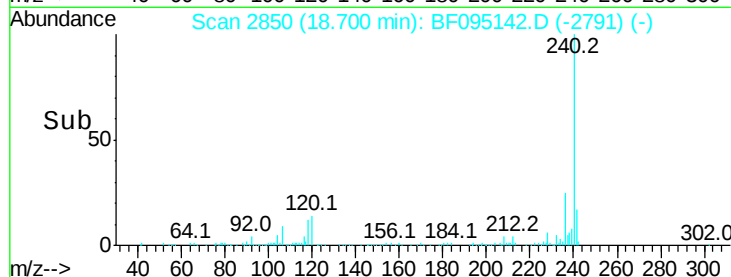
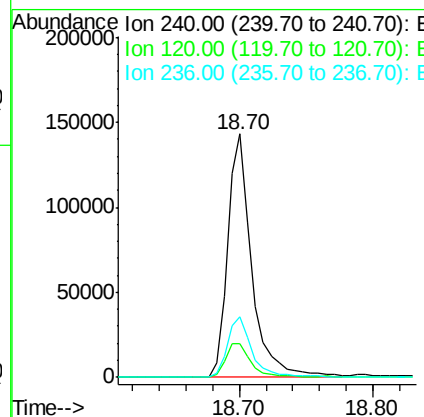
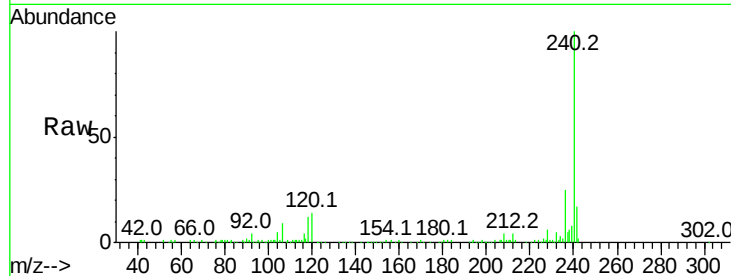
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. 0.05 min
 Lab File: BF095142.D
 Acq: 16 May 2017 00:04

Instrument :
 BNA_F
 ClientSampled :
 TP-3-3

Tot Ion	Ratio	Resp	Lower	Upper
240	100	181784		
120	13.9	5.8	8.8#	
236	24.7	20.5	30.7	

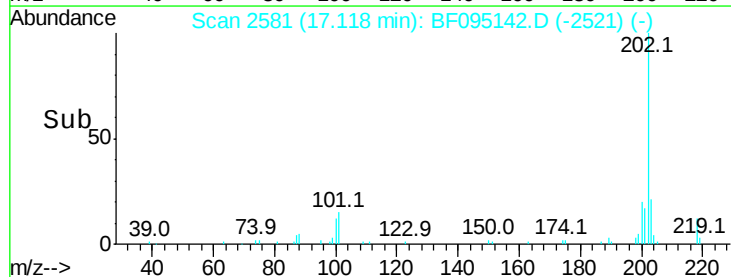
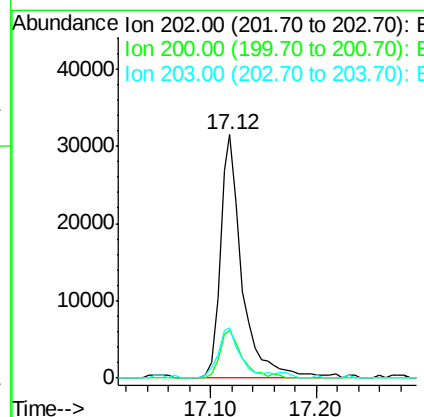
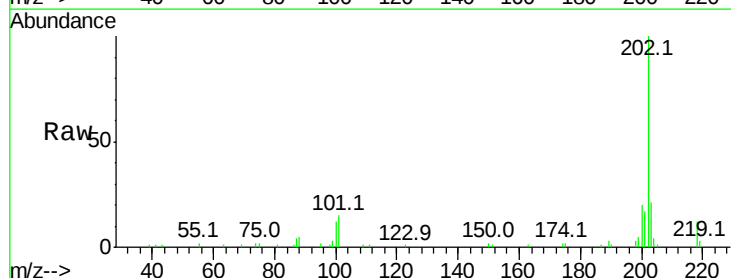
Manual Integrations
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#77
 Pyrene
 Concen: 3.34 ng
 RT: 17.12 min Scan# 2581
 Delta R.T. 0.05 min
 Lab File: BF095142.D
 Acq: 16 May 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	45454		
200	19.8	17.6	26.4	
203	20.8	14.4	21.6	





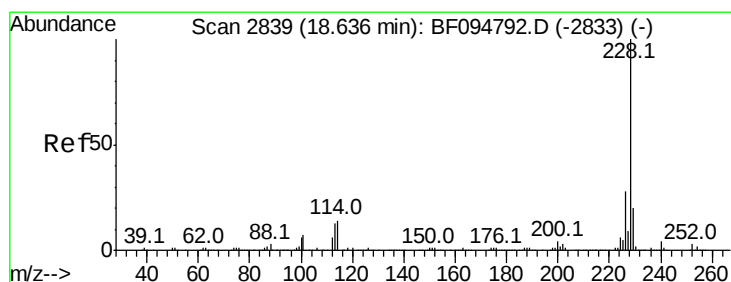
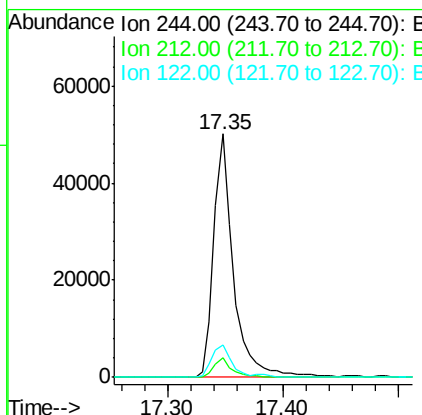
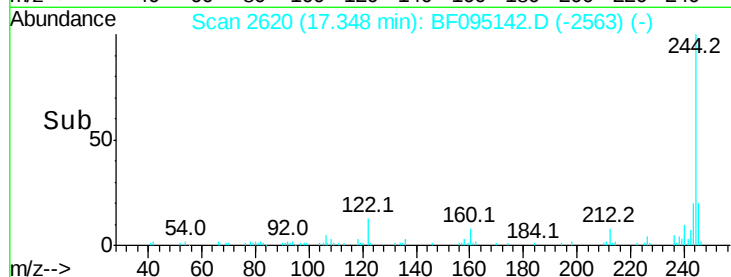
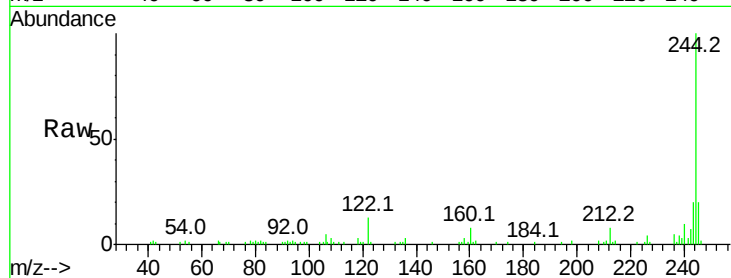
#78
 Terphenyl-d14
 Concen: 7.22 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095142.D
 Acq: 16 May 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	13.3	10.3	15.5

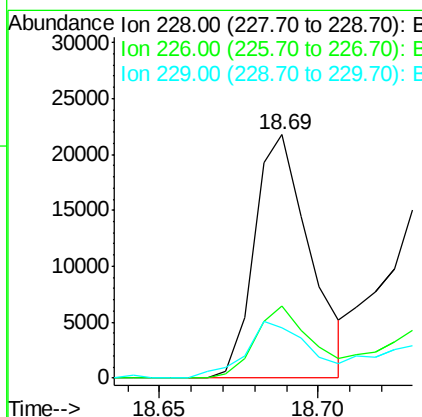
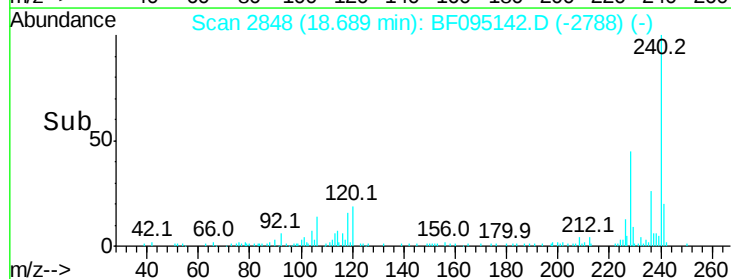
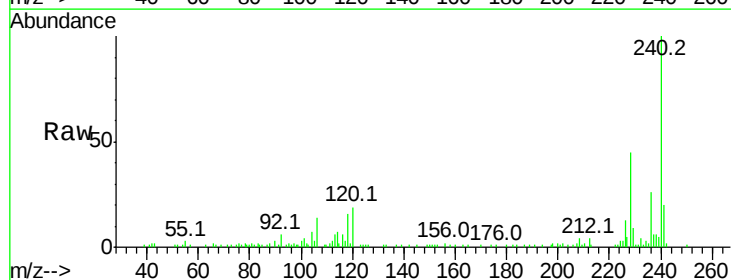
Manual Integrations
 APPROVED

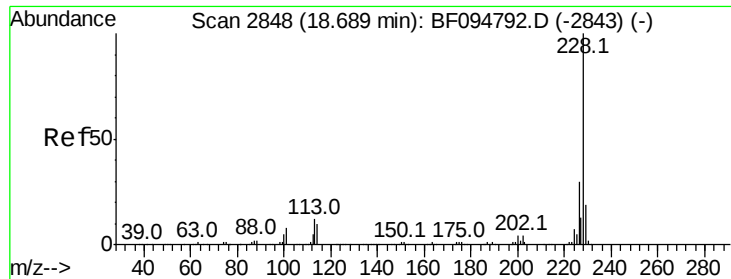
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#80
 Benzo(a)anthracene
 Concen: 2.50 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. 0.05 min
 Lab File: BF095142.D
 Acq: 16 May 2017 00:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.8	16.3	24.5





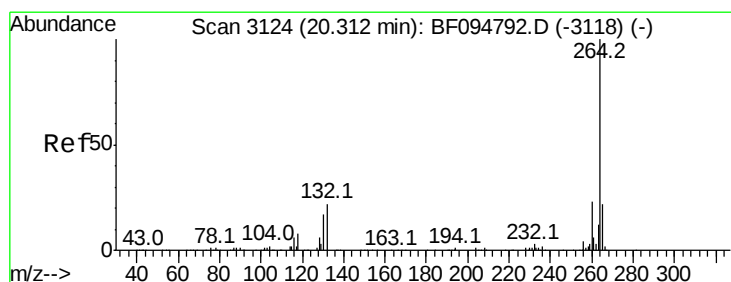
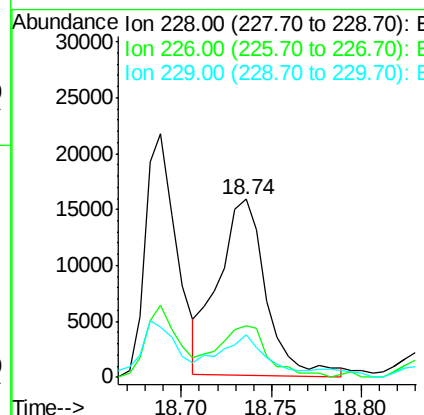
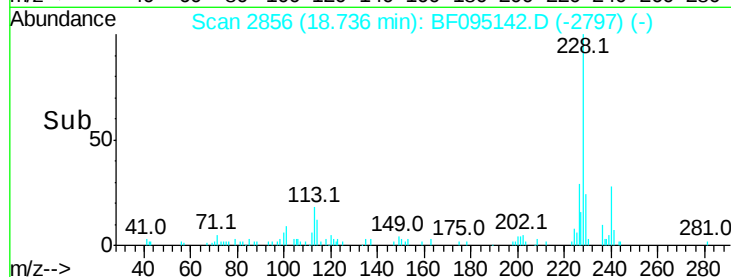
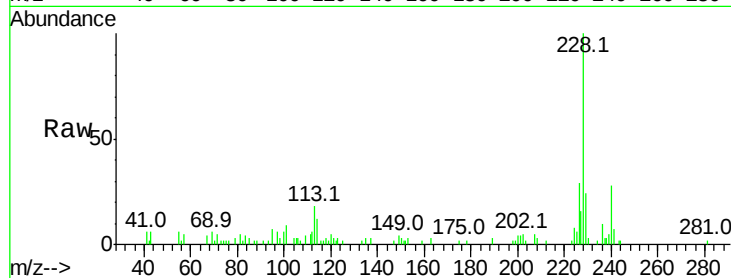
#82
Chrysene
Concen: 2.85 ng/mL
RT: 18.74 min Scan# 2856
Delta R.T. 0.05 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :
TP-3-3

Tot Ion:	228	Resp:	29172
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.9	37.3
229	23.9	15.8	23.6

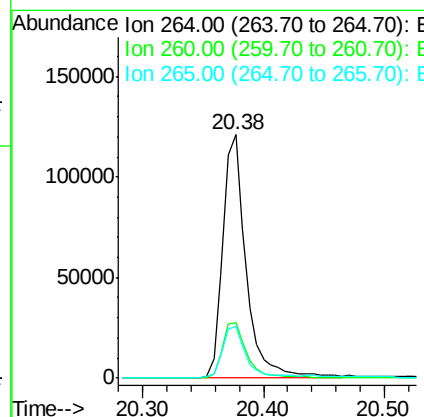
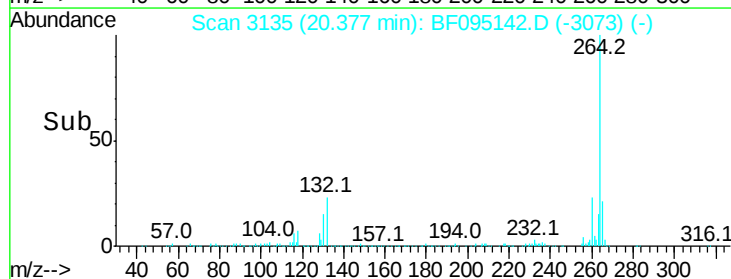
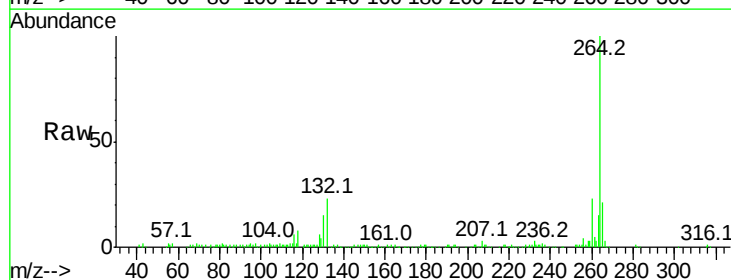
Manual Integrations
APPROVED

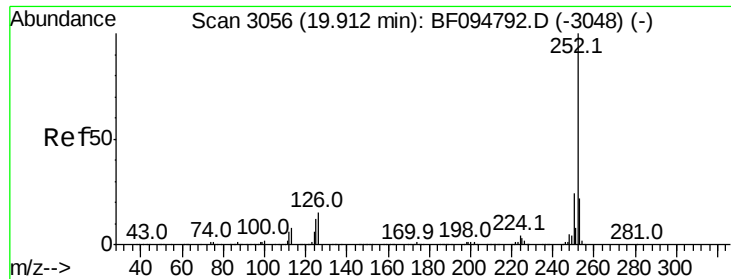
mohammad
5/17/2017 2:20:33 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:	264	Resp:	161800
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.5	29.3
265	21.2	17.2	25.8





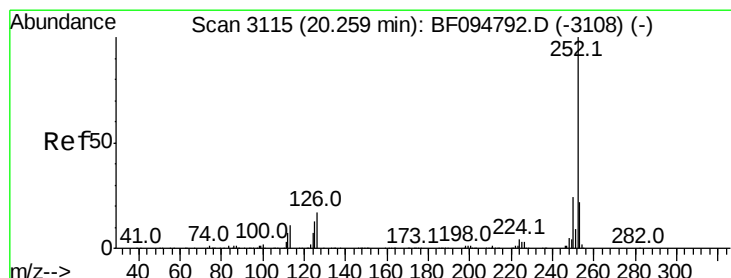
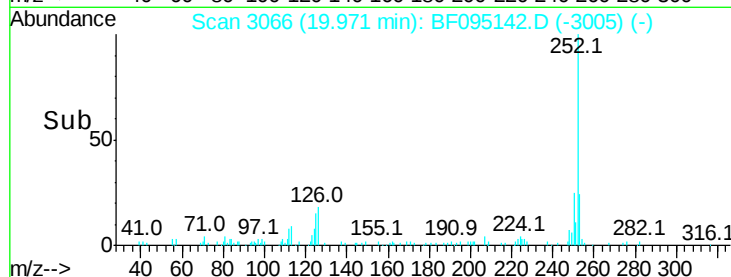
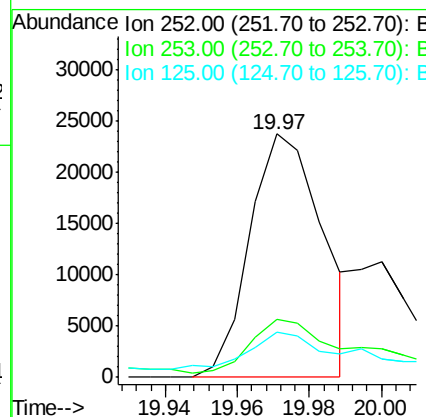
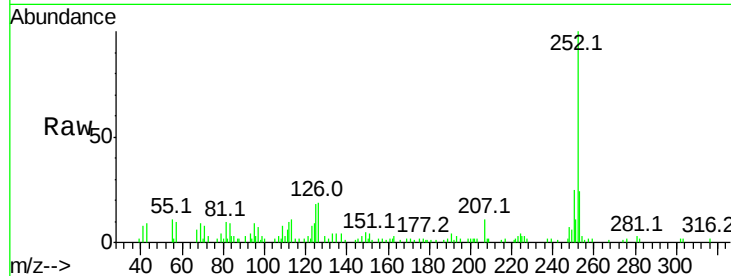
#87
Benzo(b)fluoranthene
Concen: 3.35 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.06 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :
TP-3-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	18.3	9.8	14.8

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:33 PM



#89
Benzo(a)pyrene
Concen: 2.40 ng
RT: 20.32 min Scan# 3126
Delta R.T. 0.06 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	17.0	11.0	16.4

