

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095140.D
 Acq On : 15 May 2017 23:00
 Operator : SJ/MA
 Sample : I3140-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TANK-1

Manual Integrations
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Quant Time: May 16 14:23:49 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	75426	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	309699	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	147239	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	199969	20.00	ng	0.05
75) Chrysene-d12	18.71	240	174110	20.00	ng	0.05
86) Perylene-d12	20.39	264	156066	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	31330m	6.93	ng	0.15
7) Phenol-d6	7.39	99	24841m	4.58	ng	0.11
23) Nitrobenzene-d5	8.68	82	53337	10.86	ng	0.05
41) 2,4,6-Tribromophenol	13.93	330	16927	14.04	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	154003	15.05	ng	0.04
78) Terphenyl-d14	17.35	244	86701	10.97	ng	0.04
Target Compounds						Qvalue
74) Fluoranthene	16.81	202	53390	4.53	ng	98
77) Pyrene	17.12	202	58539	4.50	ng	96
80) Benzo(a)anthracene	18.69	228	35468	3.50	ng	# 91
82) Chrysene	18.74	228	37351	3.81	ng	94
87) Benzo(b)fluoranthene	19.98	252	42859m	4.44	ng	
89) Benzo(a)pyrene	20.34	252	26379	2.96	ng	# 12

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

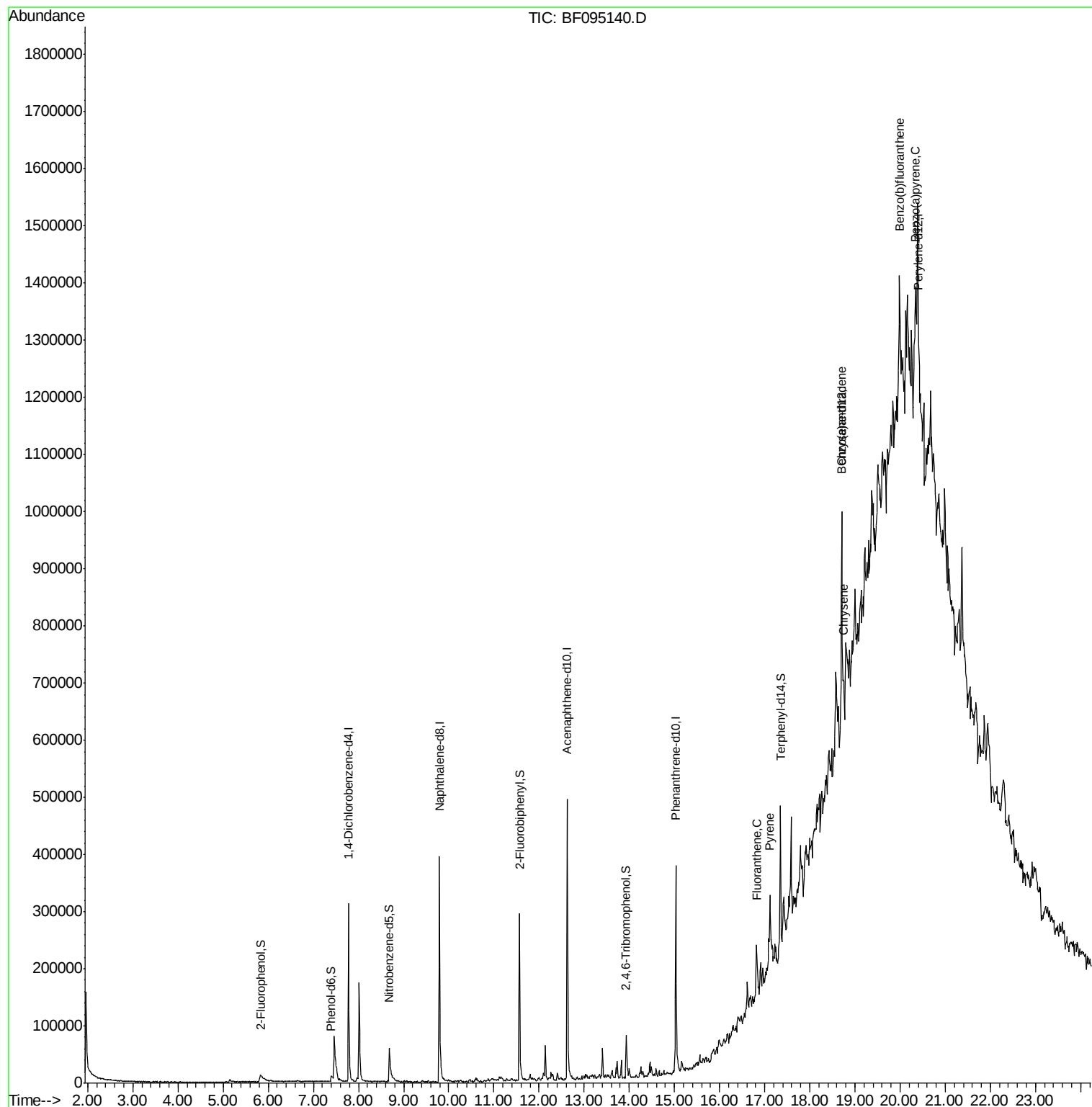
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095140.D
Acq On : 15 May 2017 23:00
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Misc :
ALS Vial : 18 Sample Multiplier: 1

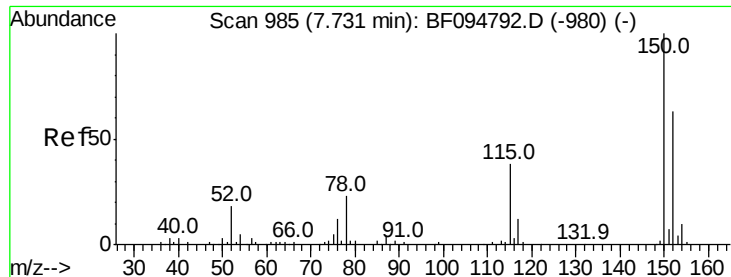
Instrument :
BNA_F
ClientSampleId :
TANK-1

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#1

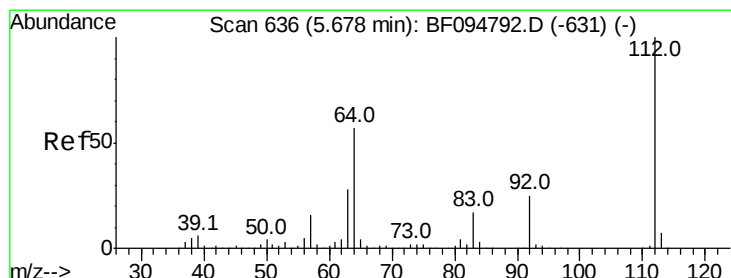
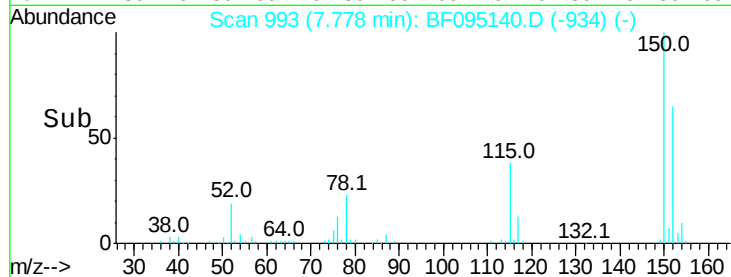
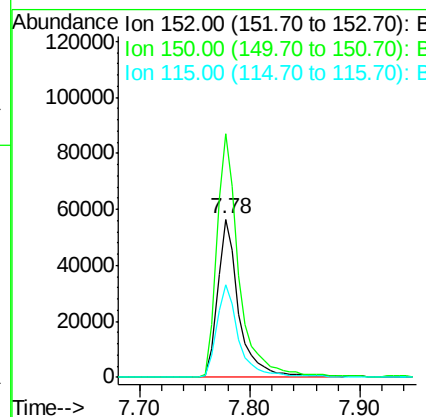
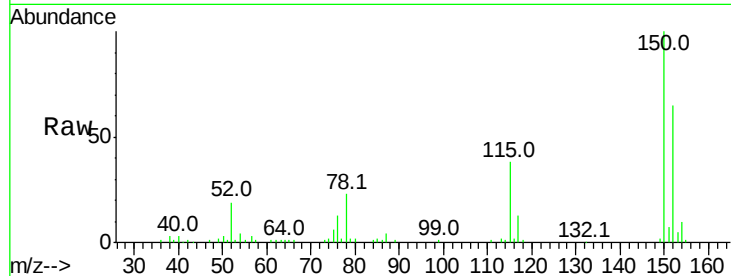
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :
TANK-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	58.3	52.2	78.2

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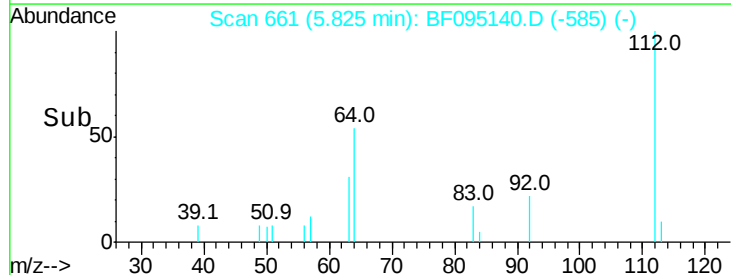
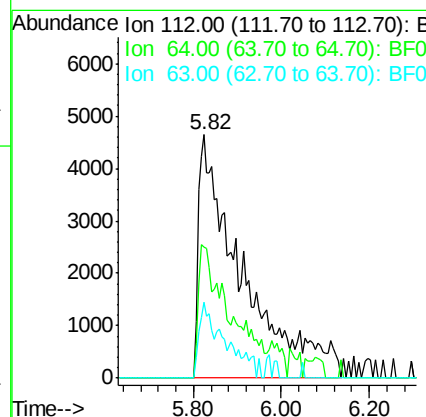
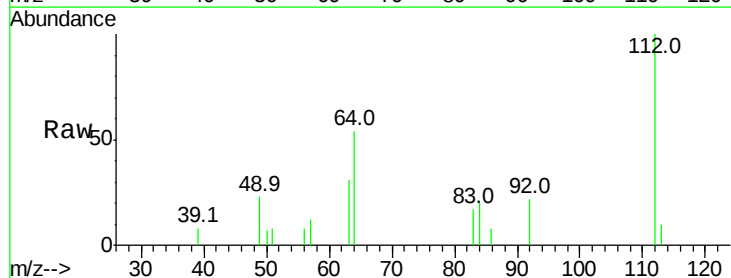
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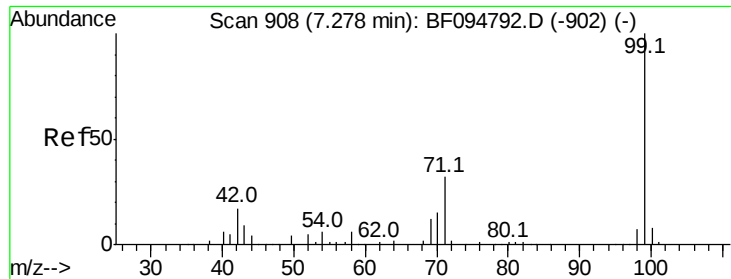


#5

2-Fluorophenol
Concen: 6.93 ng m
RT: 5.82 min Scan# 661
Delta R.T. 0.15 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 4.58 ng/mL

RT: 7.39 min Scan# 927

Delta R.T. 0.11 min

Lab File: BF095140.D

Acq: 15 May 2017 23:00

Instrument :

BNA_F

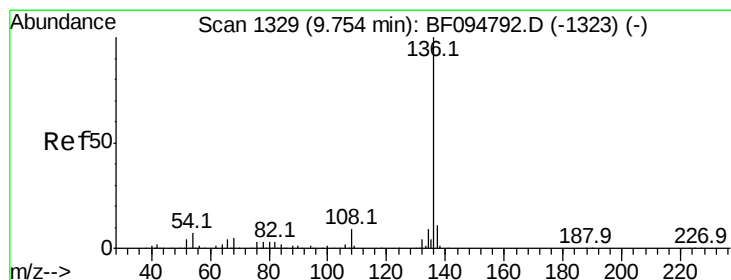
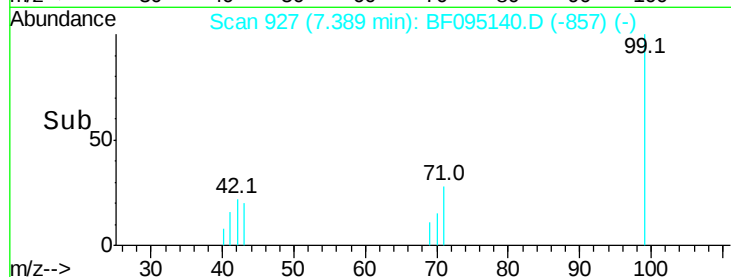
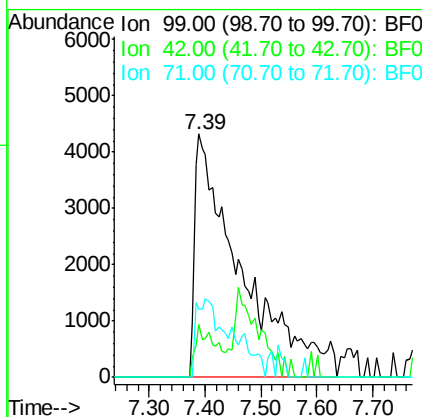
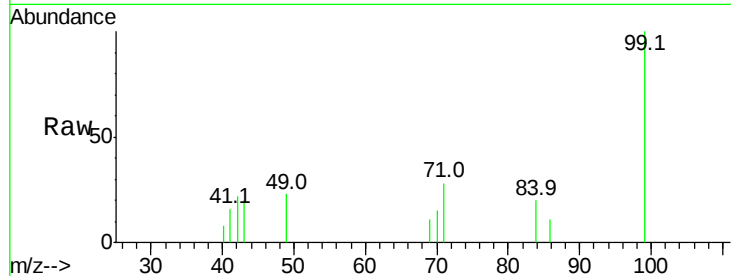
ClientSampleId :

TANK-1

Tot Ion:	99	Resp:	24841
Ion Ratio	Lower	Upper	
99	100		
42	22.0	13.5	20.3#
71	28.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

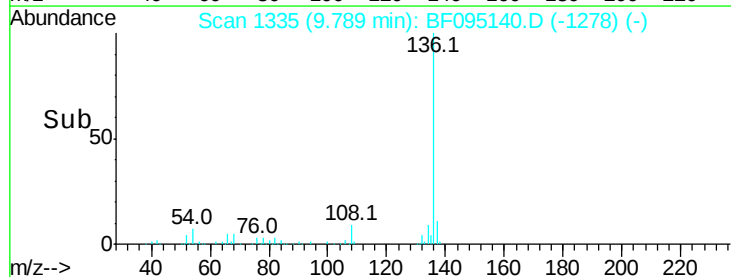
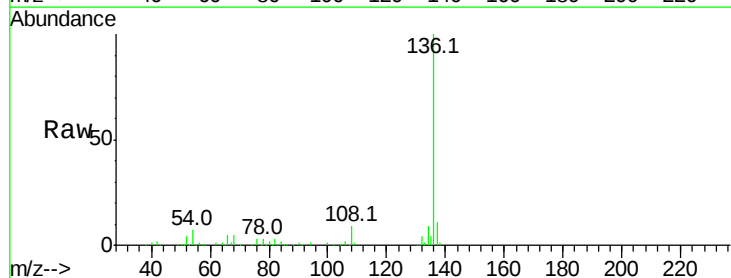
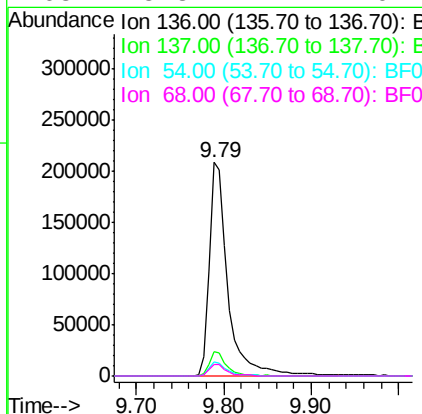
RT: 9.79 min Scan# 1335

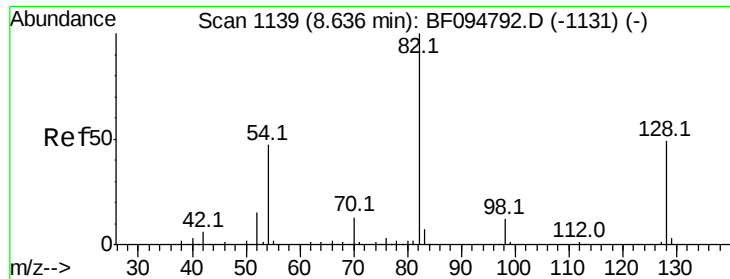
Delta R.T. 0.04 min

Lab File: BF095140.D

Acq: 15 May 2017 23:00

Tgt Ion:	136	Resp:	309699
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1





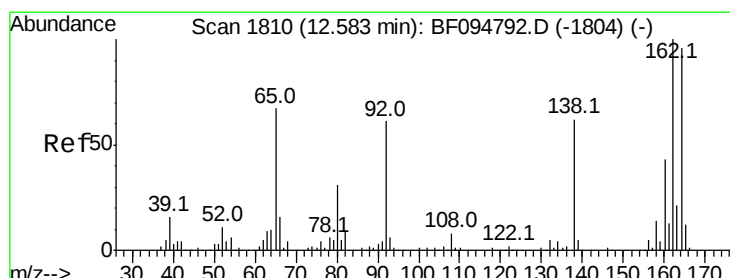
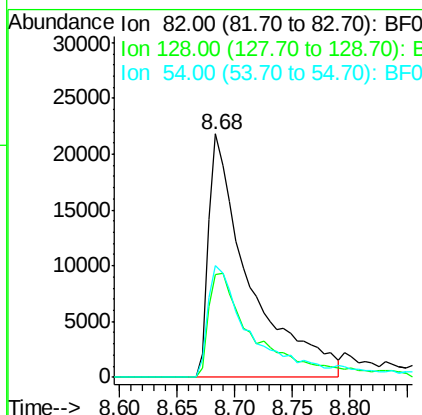
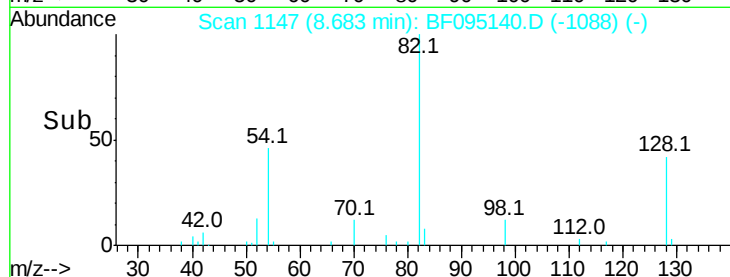
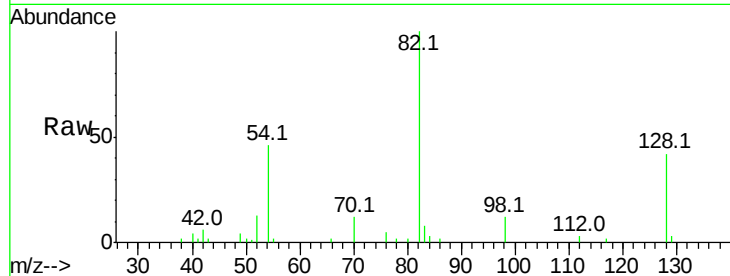
#23
 Nitrobenzene-d5
 Concen: 10.86 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.05 min
 Lab File: BF095140.D
 Acq: 15 May 2017 23:00

Instrument :
 BNA_F
 ClientSampled :
 TANK-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.0	51.0
54	45.9	42.2	63.2

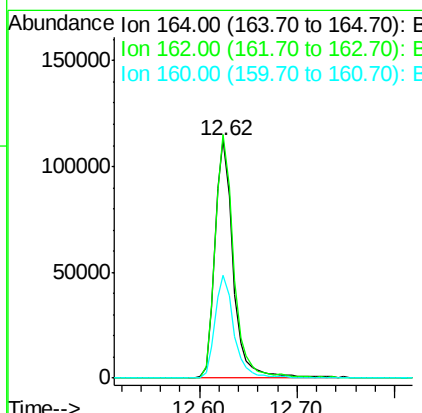
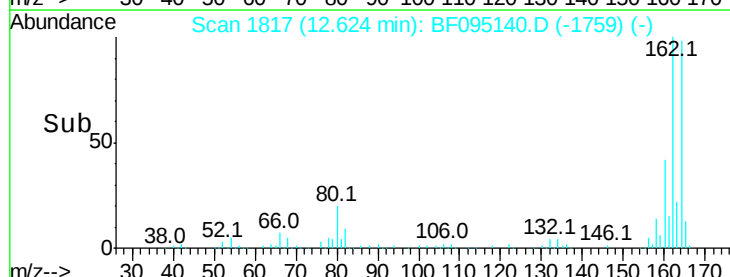
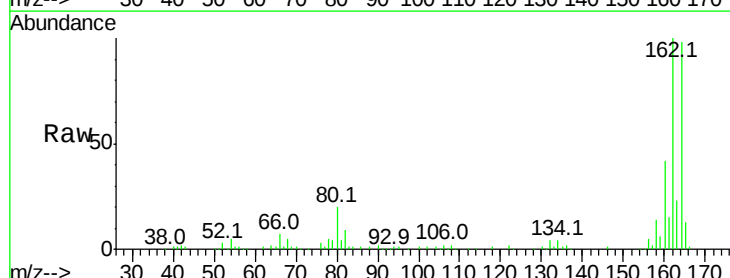
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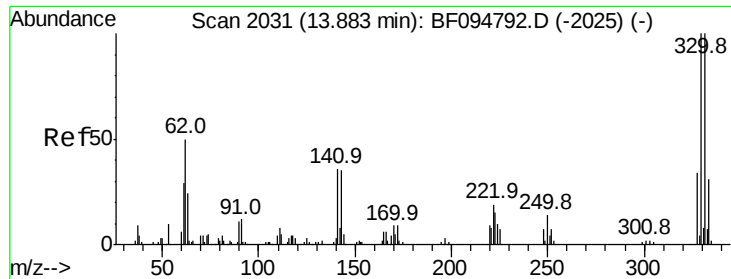
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095140.D
 Acq: 15 May 2017 23:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	43.2	36.2	54.2





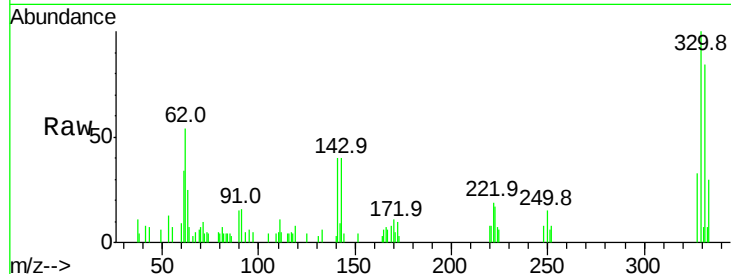
#41
 2,4,6-Tribromophenol
 Concen: 14.04 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095140.D
 Acq: 15 May 2017 23:00

Instrument :
 BNA_F
 ClientSampleId :
 TANK-1

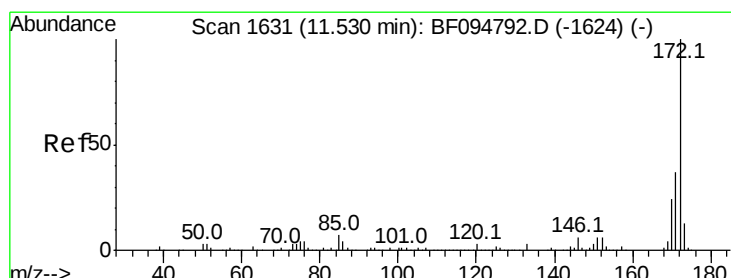
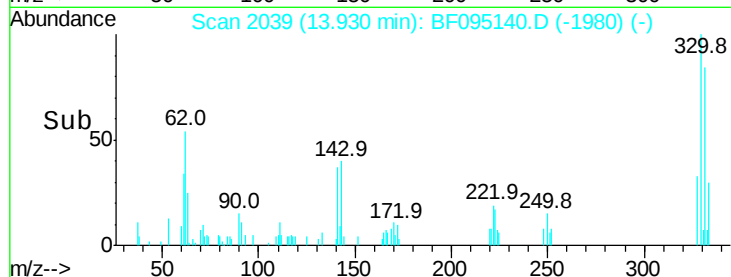
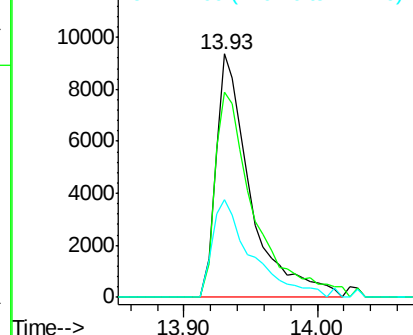
Tot Ion	Ratio	Resp	Lower	Upper
330	100	16927		
332	96.2	76.6	115.0	
141	45.3	31.4	47.2	

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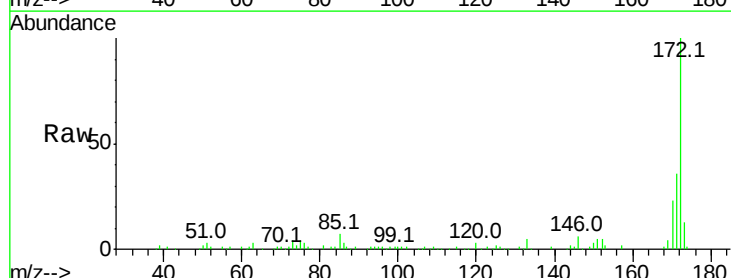


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

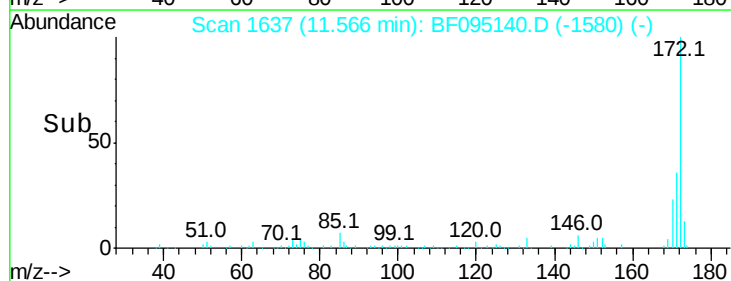
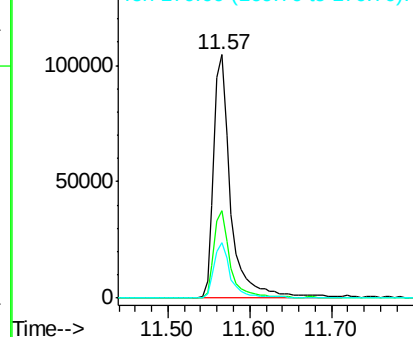


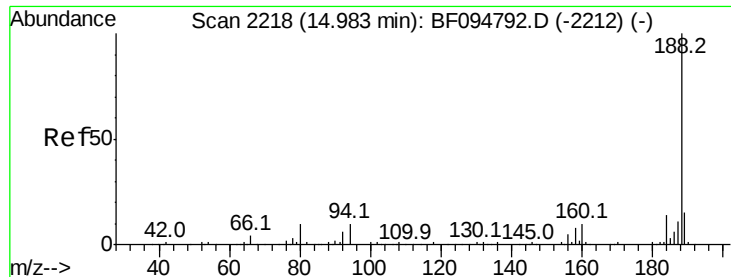
#44
 2-Fluorobiphenyl
 Concen: 15.05 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095140.D
 Acq: 15 May 2017 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	154003		
171	35.9	29.6	44.4	
170	22.8	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





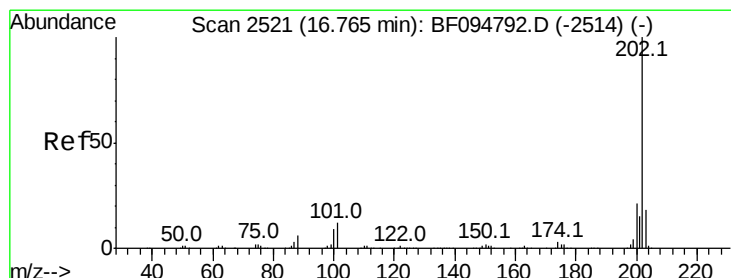
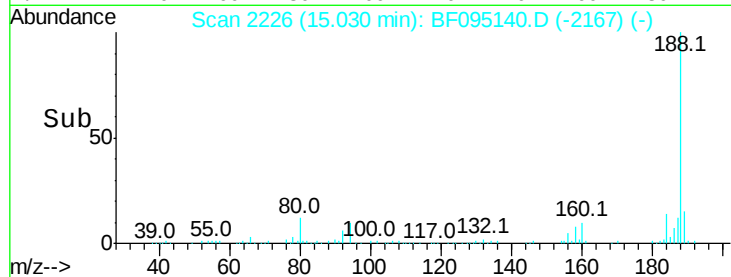
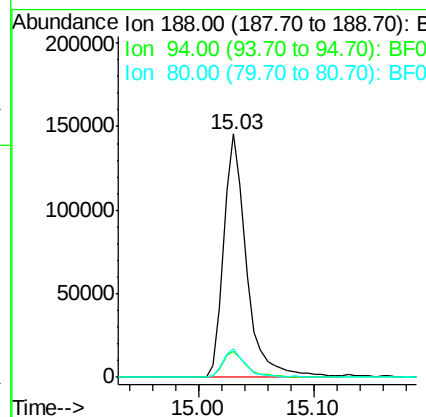
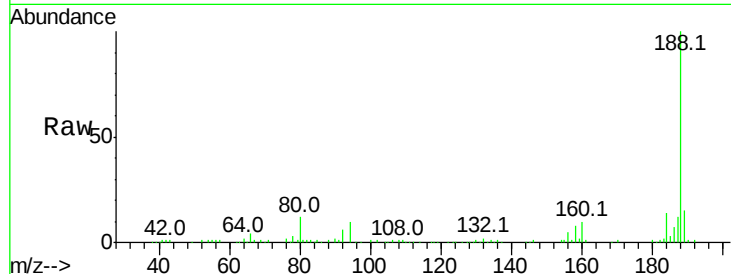
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :
TANK-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.6	10.2	15.2

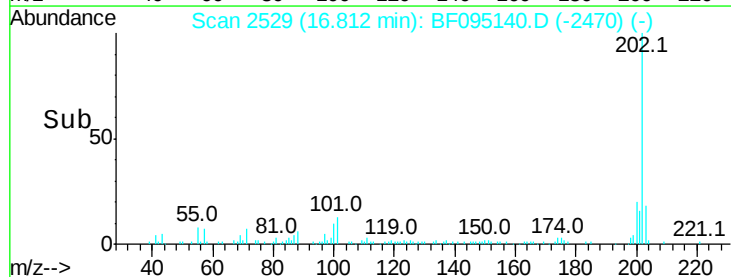
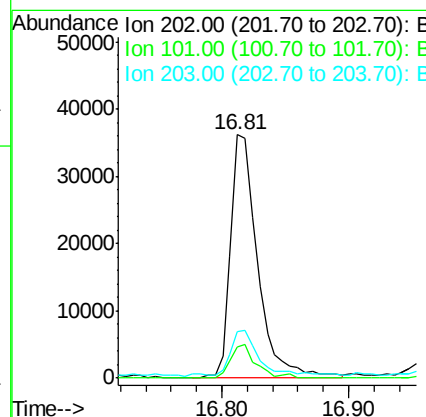
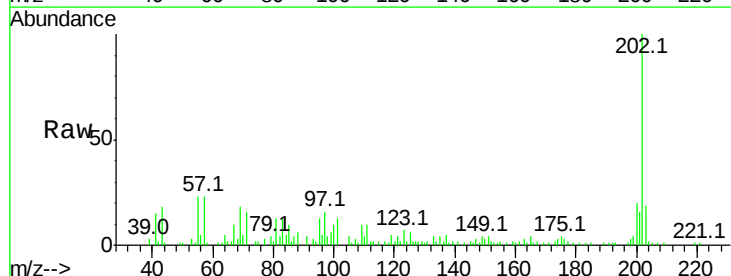
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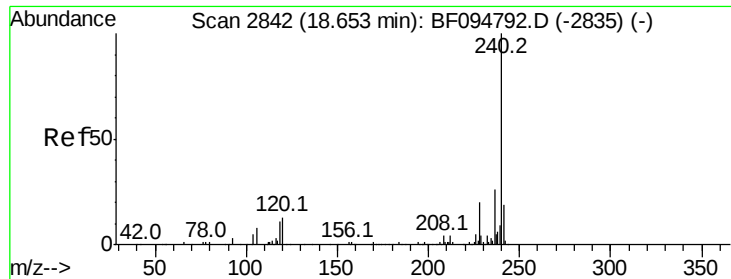
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#74
Fluoranthene
Concen: 4.53 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	33.2
203	19.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.71 min Scan# 2851

Delta R.T. 0.05 min

Lab File: BF095140.D

Acq: 15 May 2017 23:00

Instrument :

BNA_F

ClientSampled :

TANK-1

Tot Ion:240 Resp: 174110

Ion Ratio Lower Upper

240 100

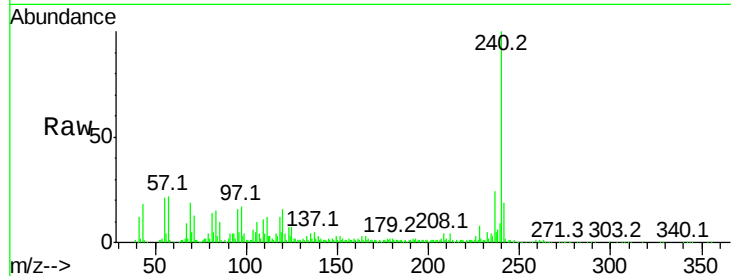
120 15.6 5.8 8.8#

236 23.8 20.5 30.7

Manual Integrations
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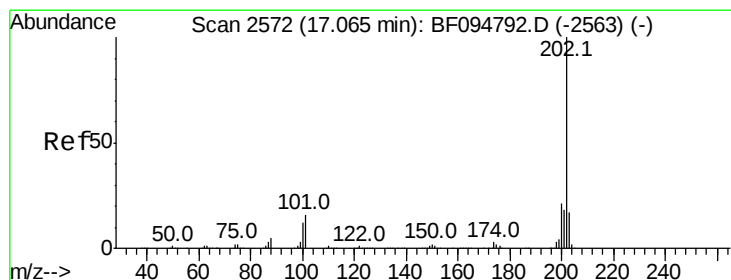
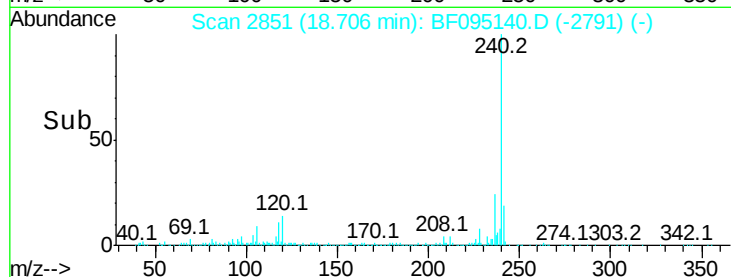
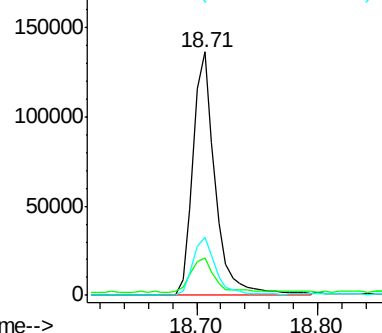
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.50 ng

RT: 17.12 min Scan# 2581

Delta R.T. 0.05 min

Lab File: BF095140.D

Acq: 15 May 2017 23:00

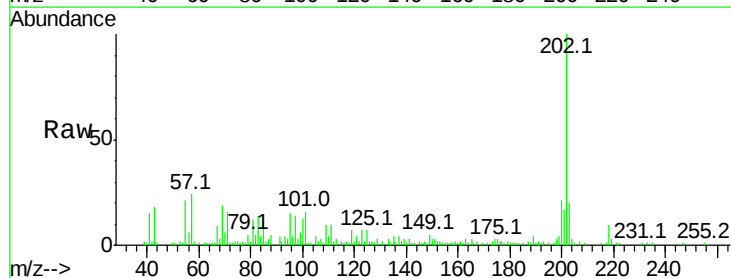
Tgt Ion:202 Resp: 58539

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

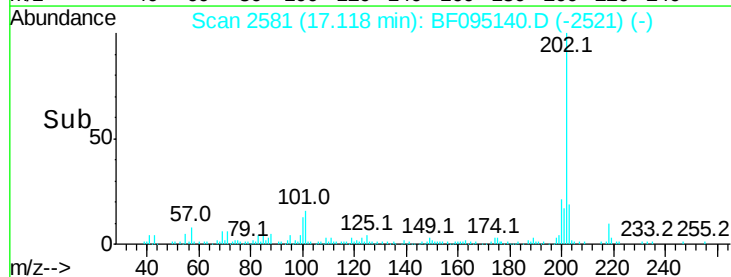
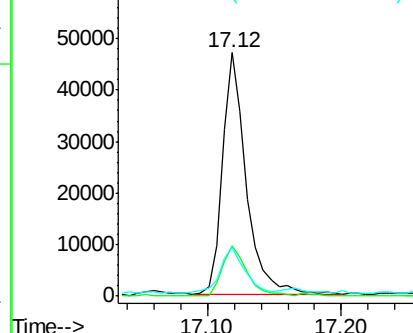
203 20.4 14.4 21.6

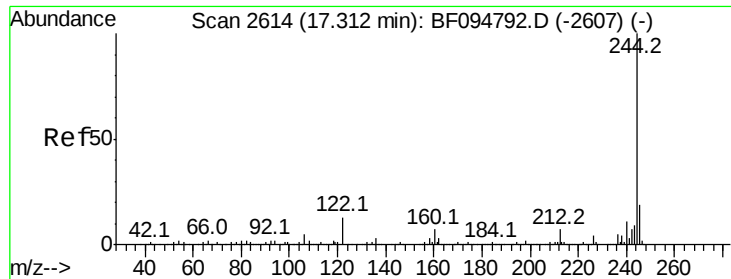


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





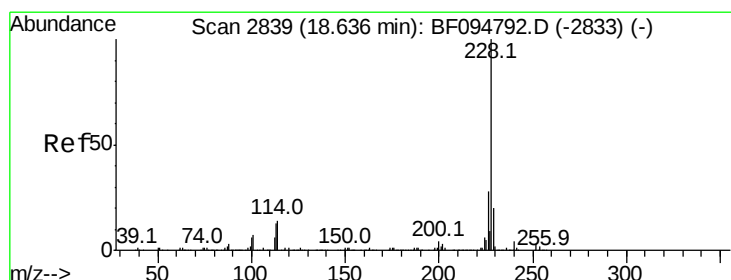
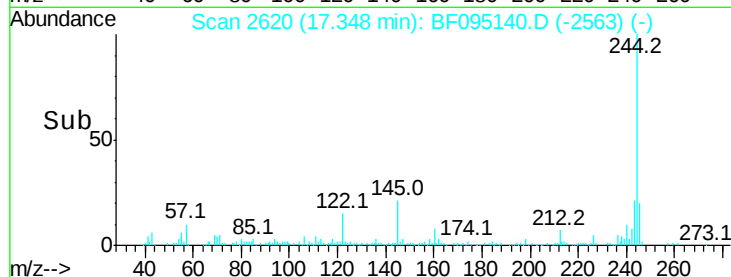
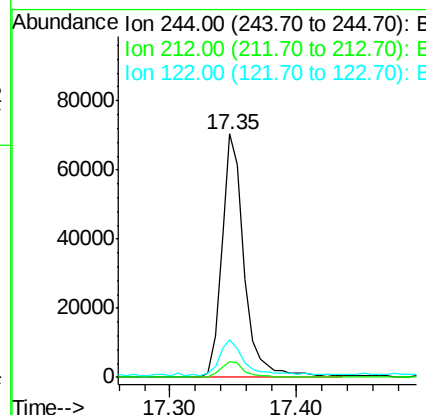
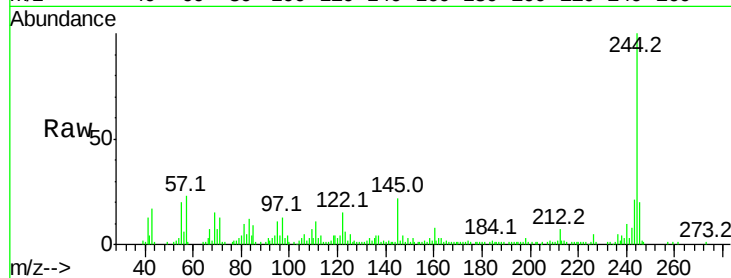
#78
 Terphenyl-d14
 Concen: 10.97 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095140.D
 Acq: 15 May 2017 23:00

Instrument :
 BNA_F
 ClientSampleId :
 TANK-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.5	10.3	15.5

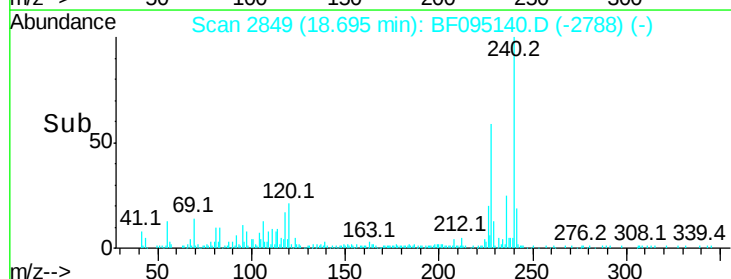
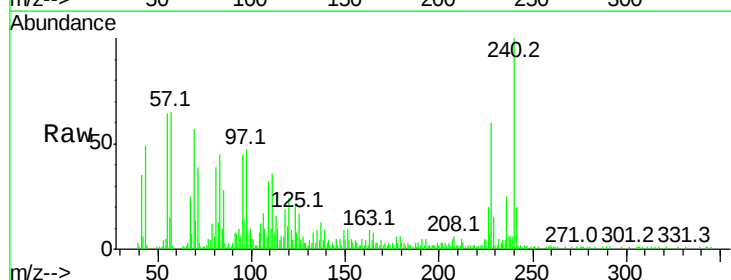
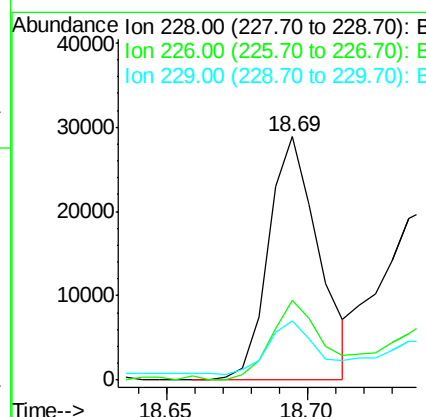
Manual Integrations
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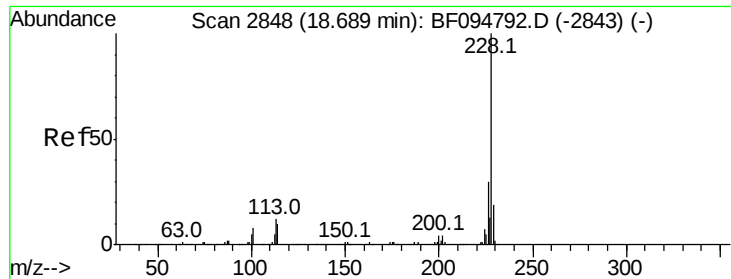
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#80
 Benzo(a)anthracene
 Concen: 3.50 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.06 min
 Lab File: BF095140.D
 Acq: 15 May 2017 23:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	24.6	16.3	24.5





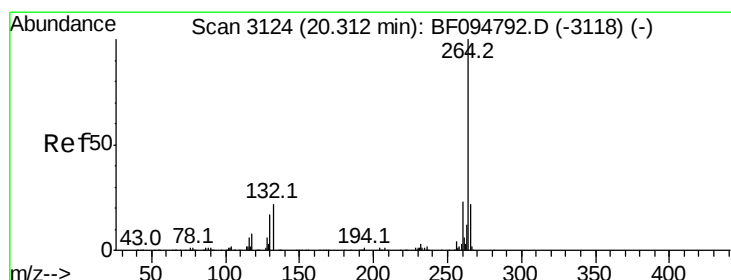
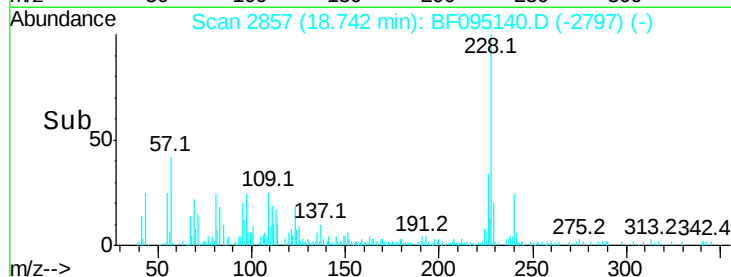
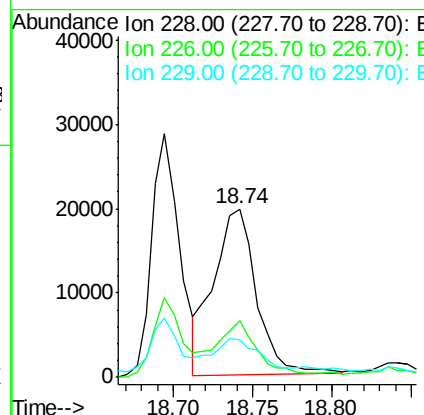
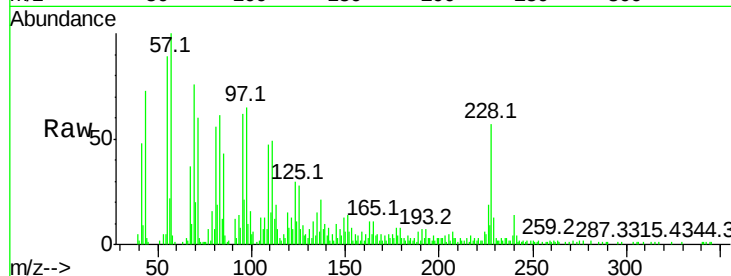
#82
Chrysene
Concen: 3.81 ng
RT: 18.74 min Scan# 2857
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :
TANK-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.9	37.3
229	22.6	15.8	23.6

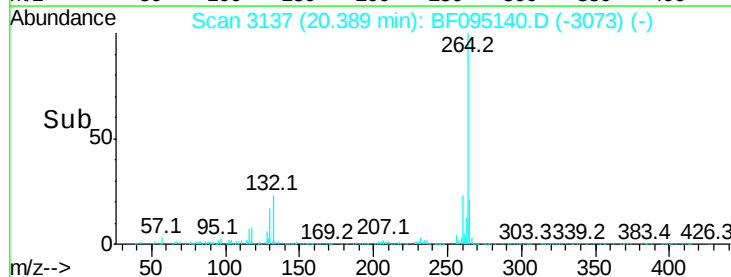
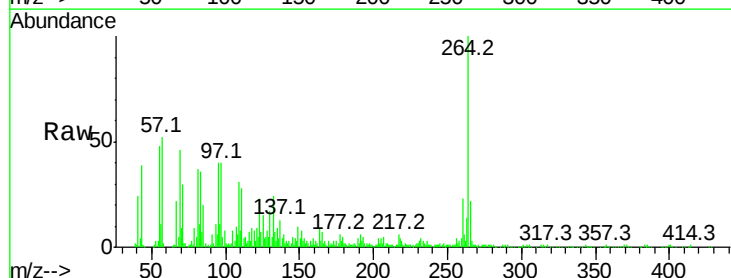
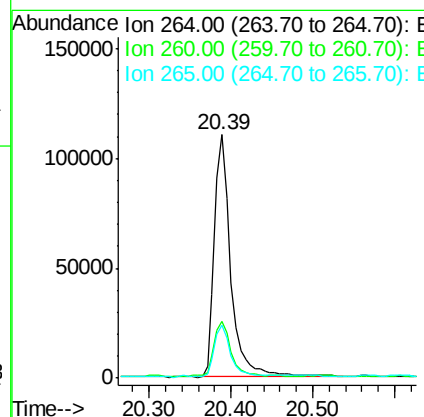
Manual Integrations
APPROVED

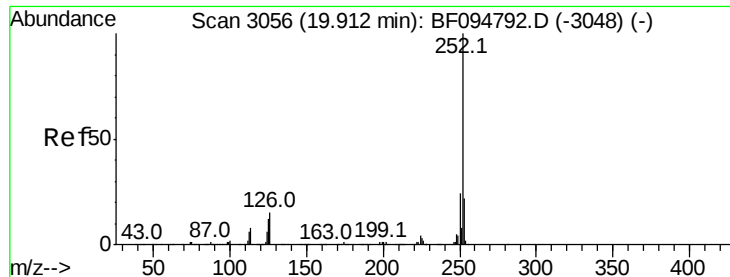
mohammad
5/17/2017 2:20:26 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.39 min Scan# 3137
Delta R.T. 0.08 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.44 ng

RT: 19.98 min Scan# 3068

Delta R.T. 0.07 min

Lab File: BF095140.D

Acq: 15 May 2017 23:00

Instrument :

BNA_F

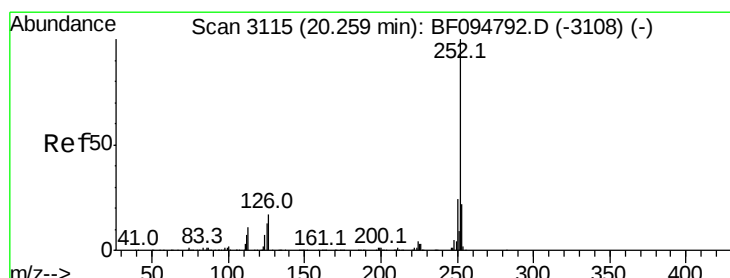
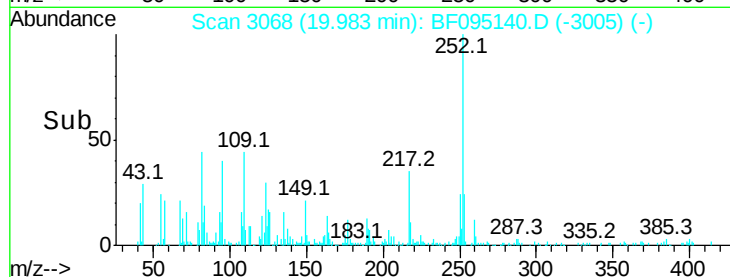
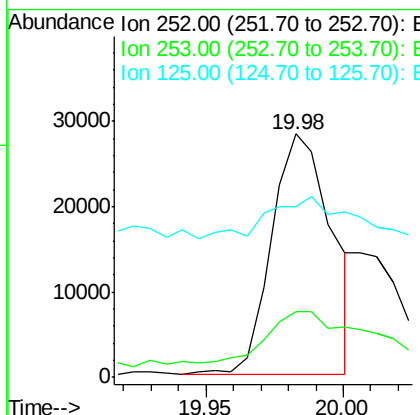
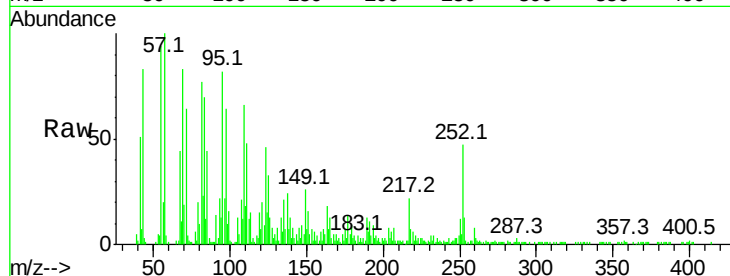
ClientSampled :

TANK-1

Tot Ion:	252	Resp:	42859
Ion Ratio	Lower	Upper	
252	100		
253	27.1	18.1	27.1#
125	69.9	9.8	14.8#

Manual Integrations
APPROVED

mohammad
5/17/2017 2:20:26 PM



#89

Benzo(a)pyrene

Concen: 2.96 ng

RT: 20.34 min Scan# 3128

Delta R.T. 0.08 min

Lab File: BF095140.D

Acq: 15 May 2017 23:00

Tgt Ion:	252	Resp:	26379
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.5	26.3#
125	99.8	11.0	16.4#

