

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095280.D
 Acq On : 20 May 2017 00:19
 Operator : SJ/MA
 Sample : I3177-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOR-A

Manual Integrations
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mohammad
 5/22/2017 1:30:03 PM

Quant Time: May 20 02:37:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	98535	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	426289	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	200914	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	334388	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	214815	20.00	ng	0.00
86) Perylene-d12	20.37	264	172348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	884754	149.70	ng	0.00
7) Phenol-d6	7.31	99	1053601	148.58	ng	0.00
23) Nitrobenzene-d5	8.67	82	628353	92.95	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	245499	149.20	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1200867	86.03	ng	0.00
78) Terphenyl-d14	17.34	244	933908	95.76	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	223923	13.58	ng	98
70) Phenanthrene	15.05	178	66517	3.46	ng	98
74) Fluoranthene	16.80	202	119161	6.05	ng	99
80) Benzo(a)anthracene	18.68	228	44665	3.57	ng	93
82) Chrysene	18.72	228	39261	3.25	ng	# 96
87) Benzo(b)fluoranthene	19.97	252	28981m	2.72	ng	
89) Benzo(a)pyrene	20.32	252	22464	2.29	ng	98

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

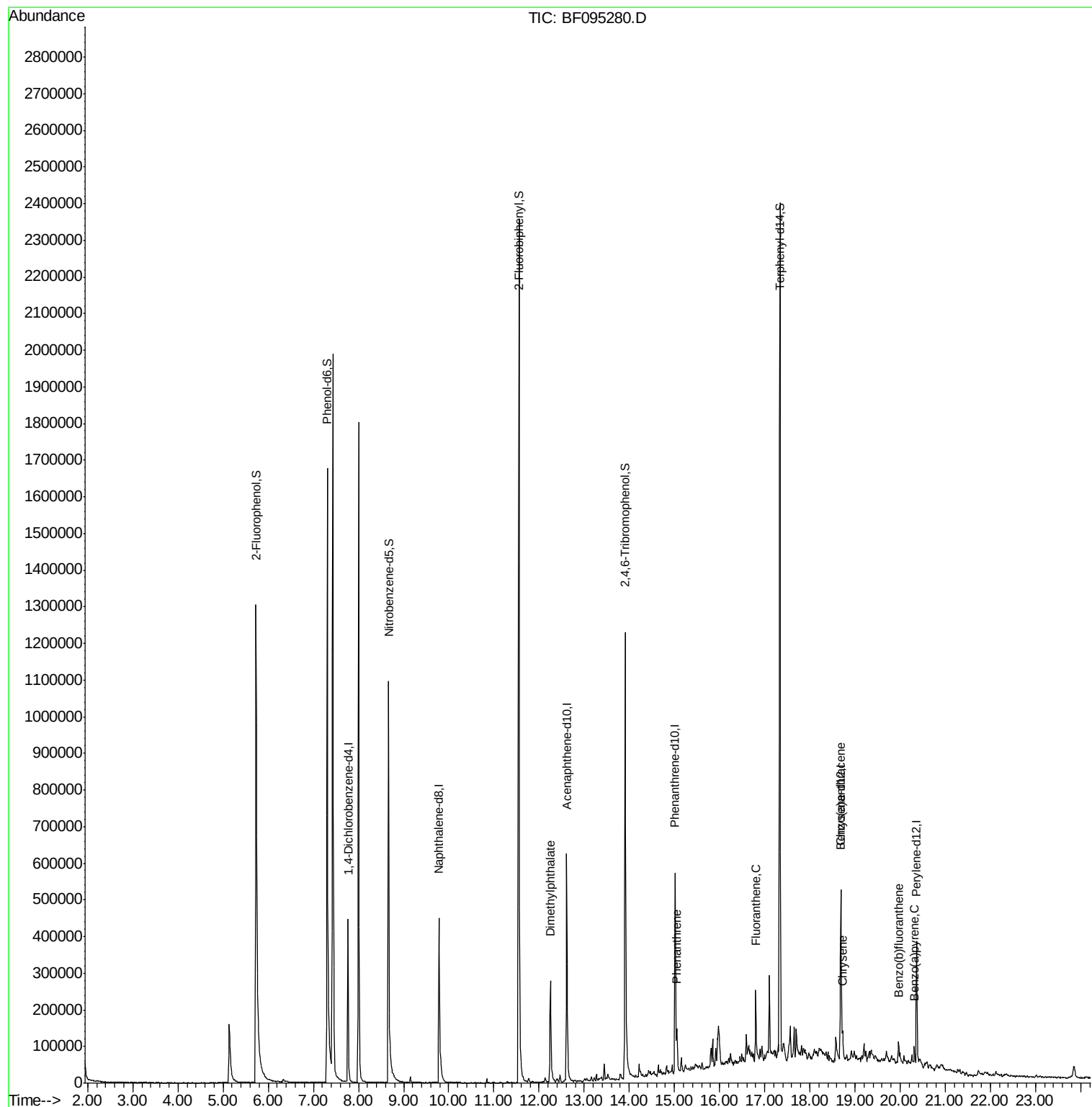
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095280.D
Acq On : 20 May 2017 00:19
Operator : SJ/MA
Sample : I3177-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

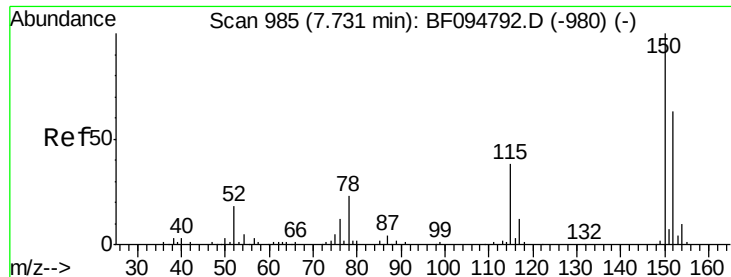
Instrument :
BNA_F
ClientSampleId :
FLOOR-A

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Quant Time: May 20 02:37:33 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

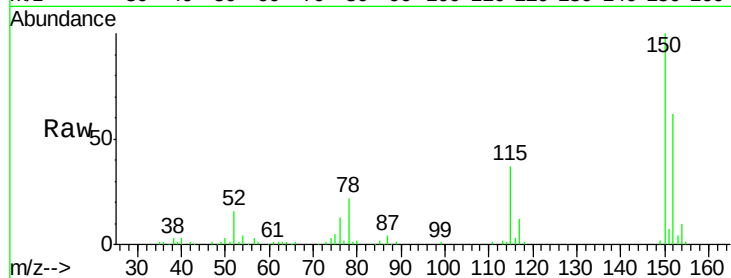
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Instrument :
BNA_F
ClientSampleId :
FLOOR-A

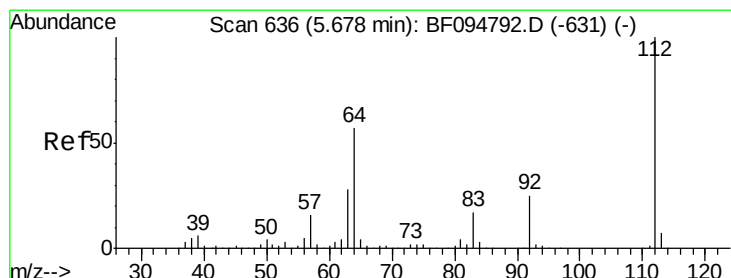
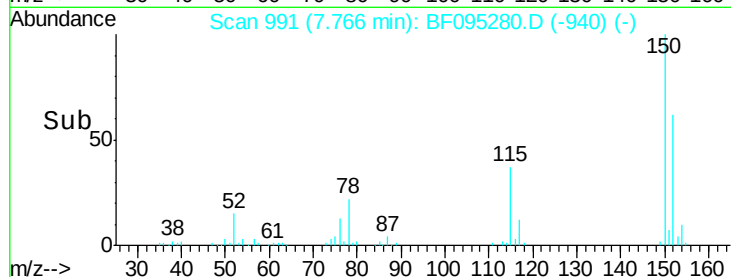
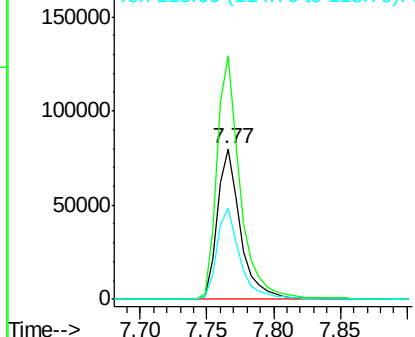
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.2	189.2
115	60.3	52.2	78.2

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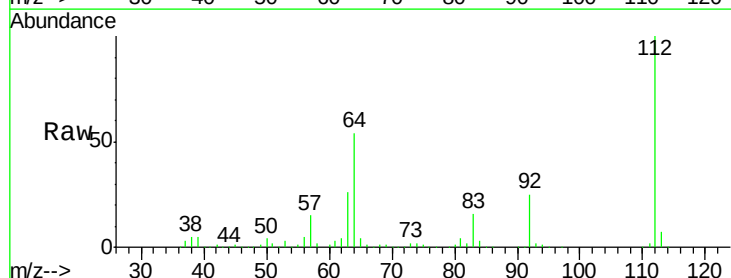
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



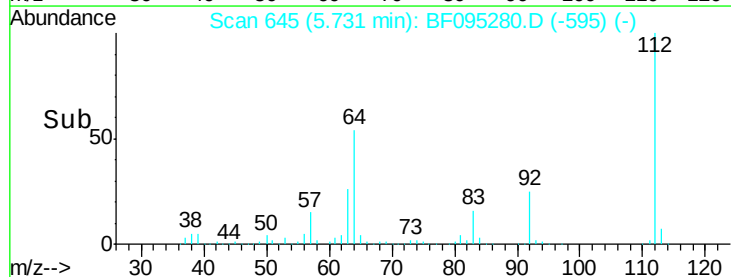
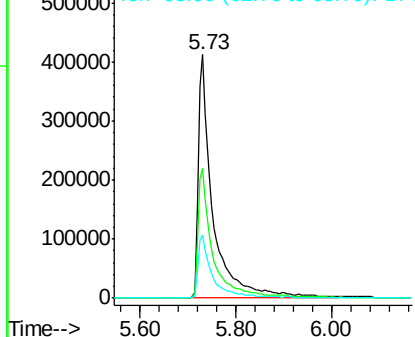
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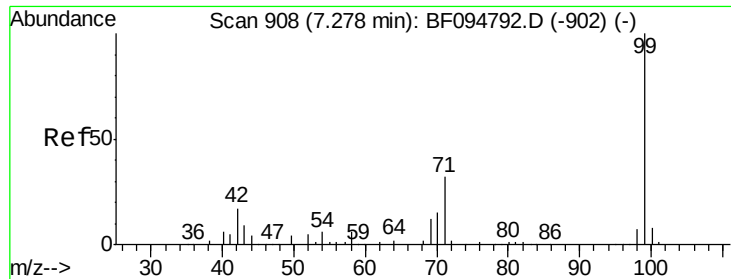
2-Fluorophenol
Concen: 149.70 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.0	69.0
63	26.0	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: 148.58 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095280.D

Acq: 20 May 2017 00:19

Instrument :

BNA_F

ClientSampleId :

FLOOR-A

Tgt Ion: 99 Resp: 1053601

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

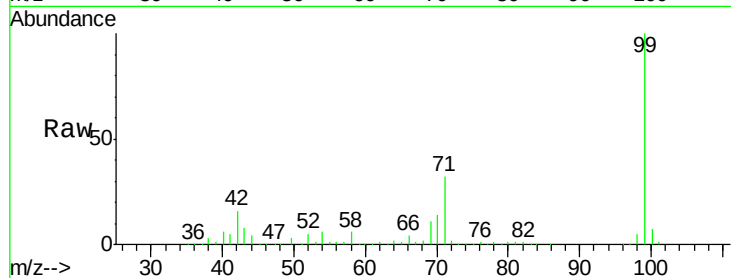
71 31.7 24.5 36.7

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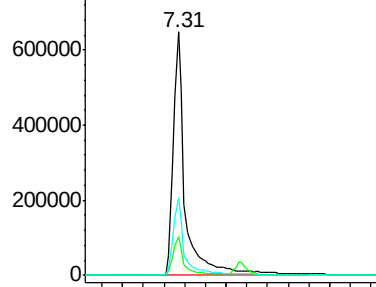
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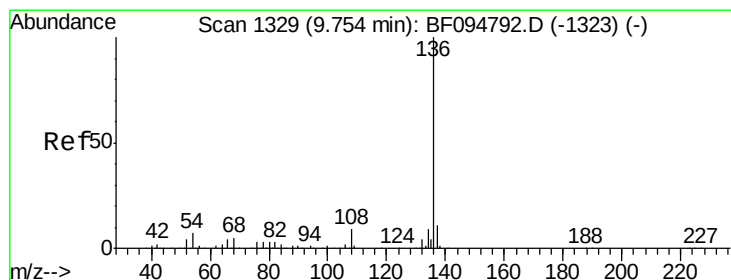
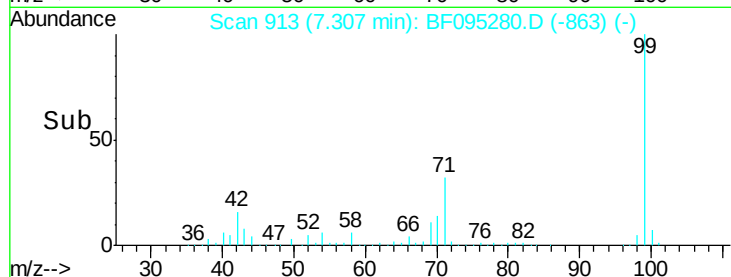
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095280.D

Acq: 20 May 2017 00:19

Tgt Ion: 136 Resp: 426289

Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

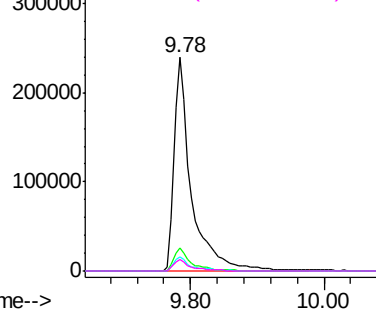
68 5.3 4.1 6.1

Abundance Ion 136.00 (135.70 to 136.70): E

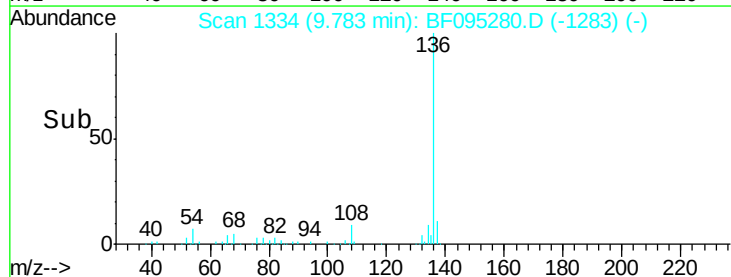
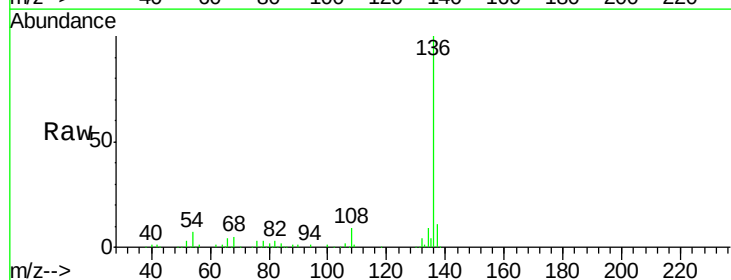
Ion 137.00 (136.70 to 137.70): E

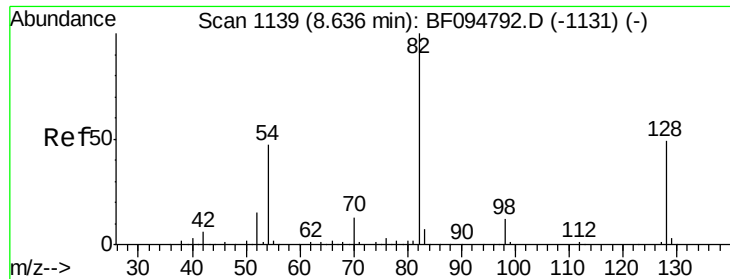
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->





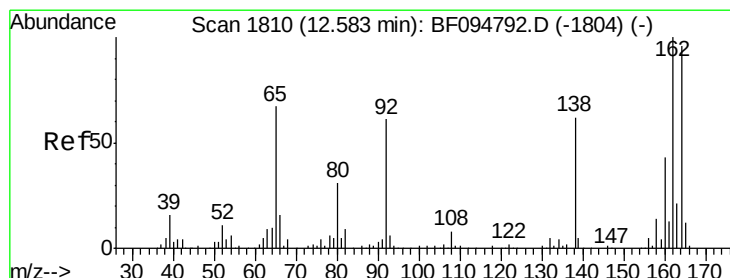
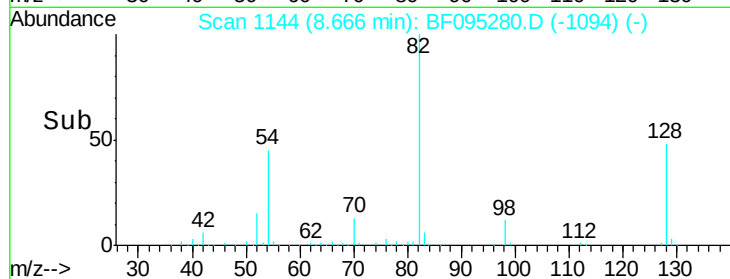
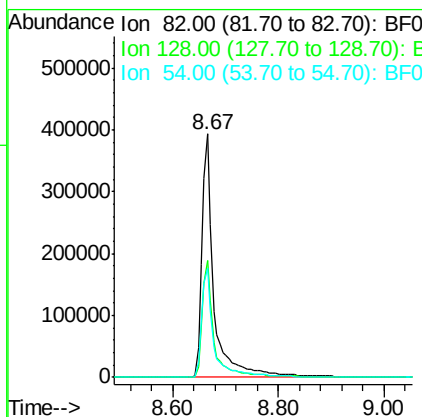
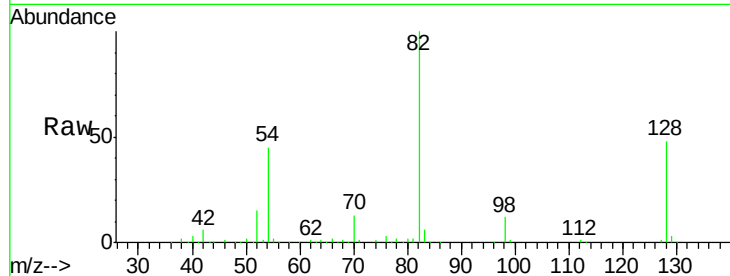
#23
 Nitrobenzene-d5
 Concen: 92.95 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095280.D
 Acq: 20 May 2017 00:19

Instrument :
 BNA_F
 ClientSampled :
 FLOOR-A

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	628353		
128	48.0		34.0	51.0
54	44.8		42.2	63.2

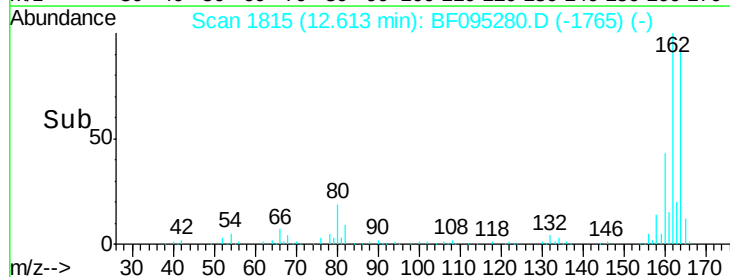
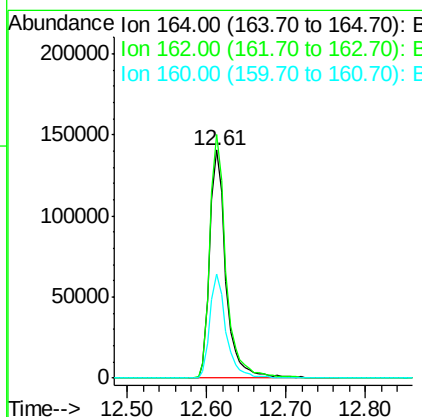
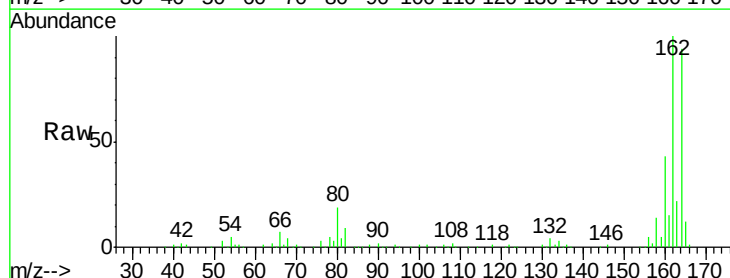
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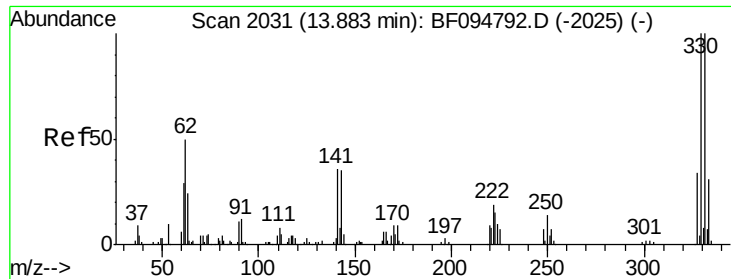
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095280.D
 Acq: 20 May 2017 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	200914		
162	106.9		82.6	123.8
160	45.7		36.2	54.2





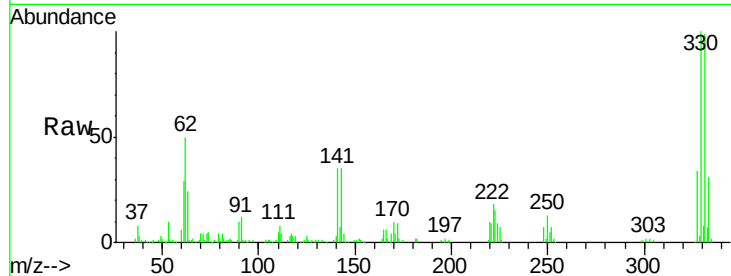
#41
 2,4,6-Tribromophenol
 Concen: 149.20 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095280.D
 Acq: 20 May 2017 00:19

Instrument :
 BNA_F
 ClientSampleId :
 FLOOR-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	245499		
332	97.5	76.6	115.0	
141	39.6	31.4	47.2	

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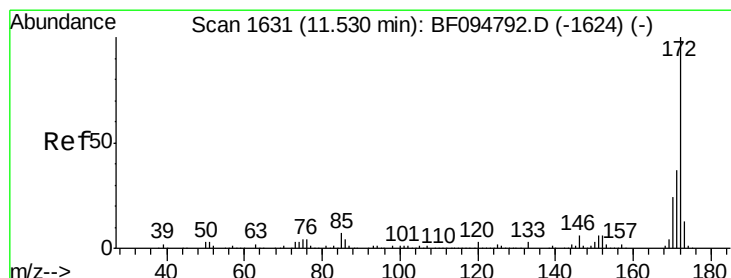
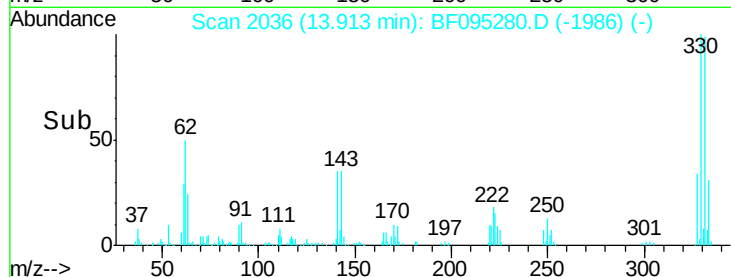
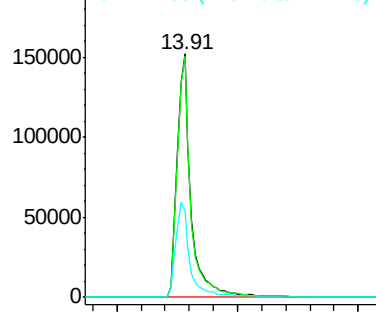


Abundance

Ion 329.80 (329.50 to 330.50): E

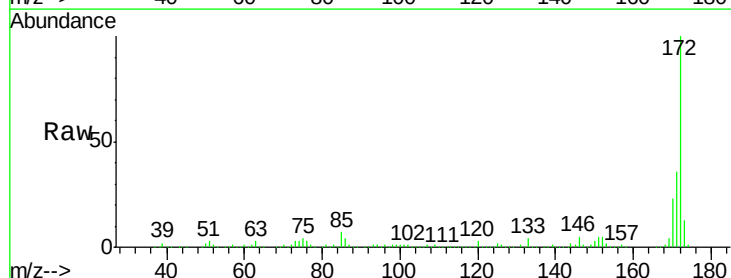
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.03 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095280.D
 Acq: 20 May 2017 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1200867		
171	35.7	29.6	44.4	
170	23.2	19.8	29.8	

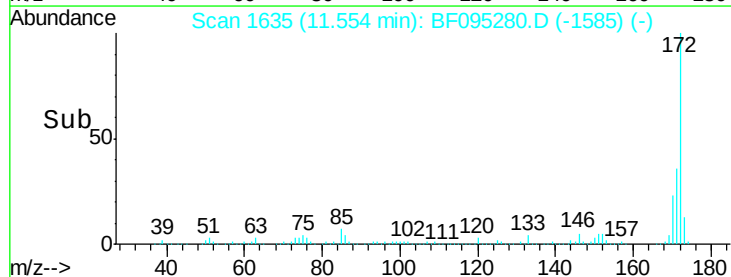
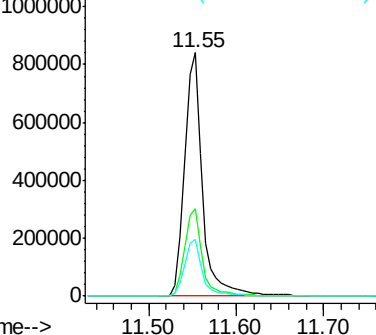


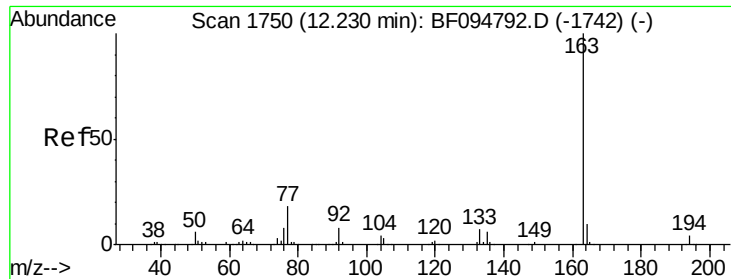
Abundance

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





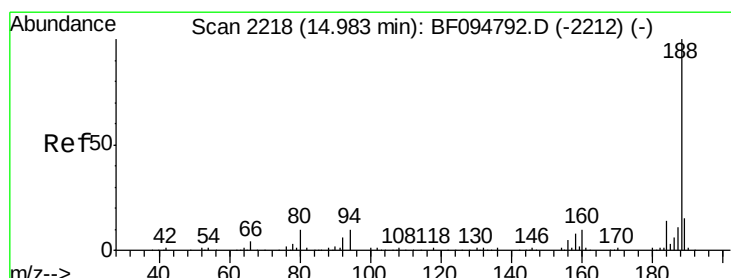
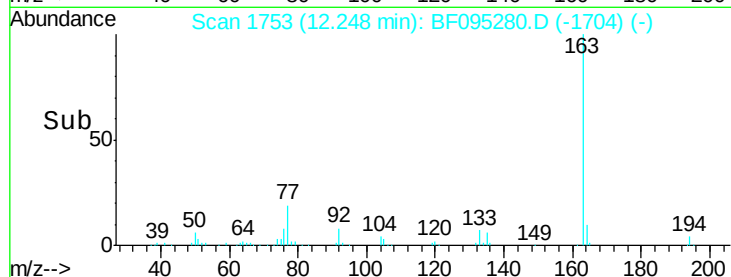
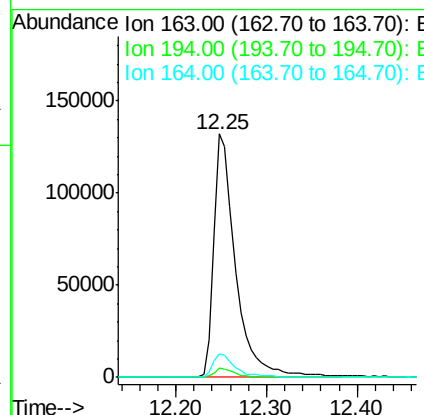
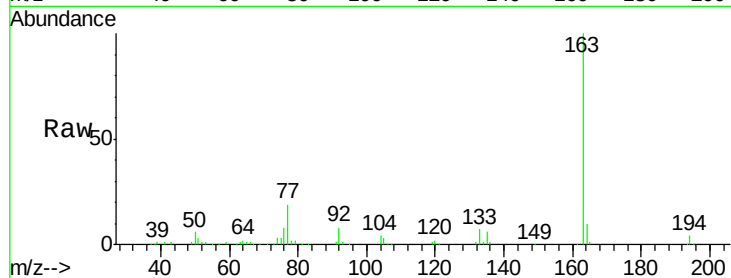
#49
Dimethylphthalate
Concen: 13.58 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Instrument :
BNA_F
ClientSampleId :
FLOOR-A

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	223923		
194	3.7	2.6	4.0	
164	9.8	8.4	12.6	

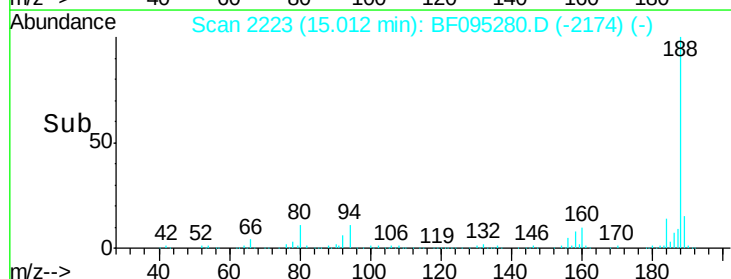
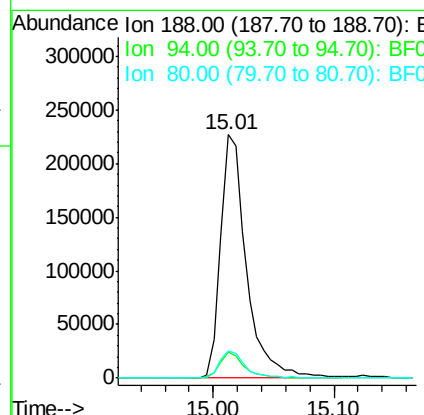
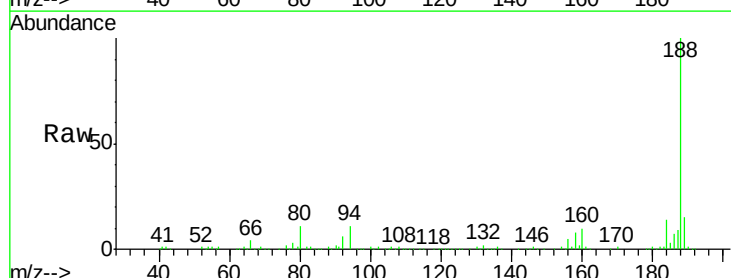
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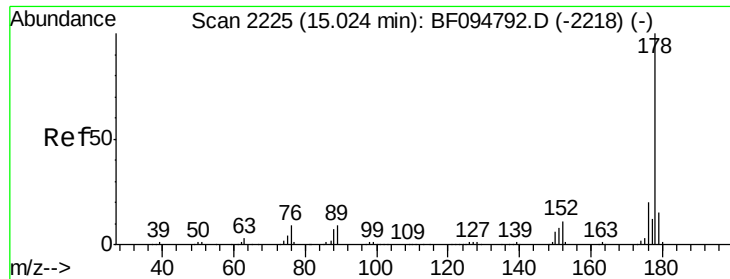
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	334388		
94	10.7	9.4	14.2	
80	11.0	10.2	15.2	





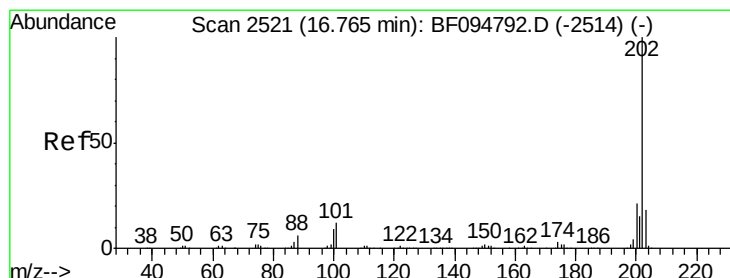
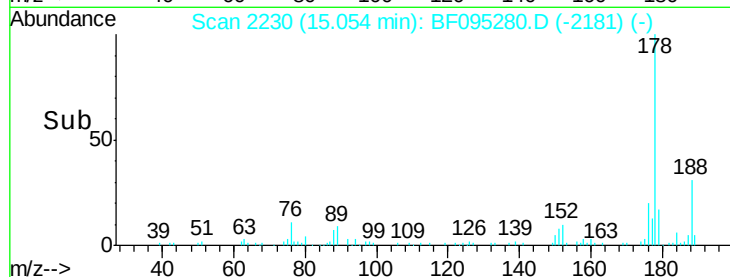
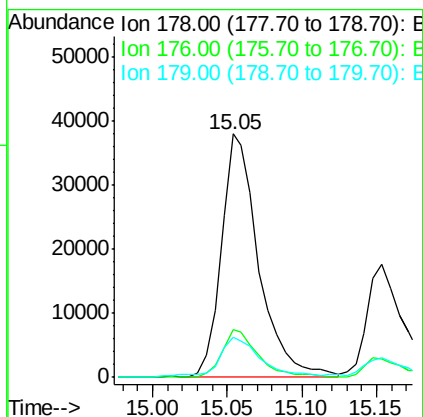
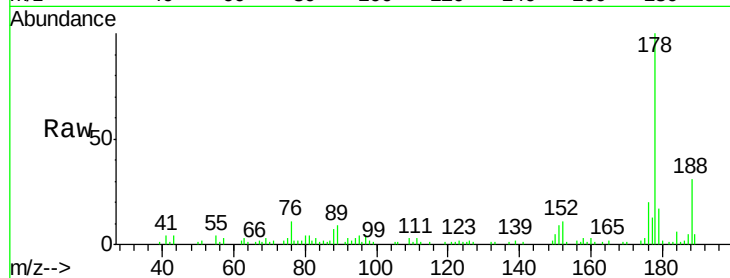
#70
Phenanthrene
Concen: 3.46 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Instrument :
BNA_F
ClientSampled :
FLOOR-A

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	16.6	12.6	19.0

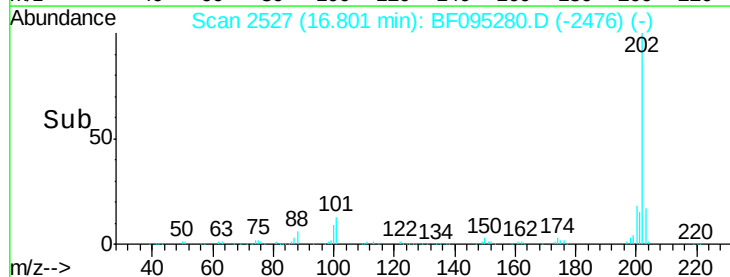
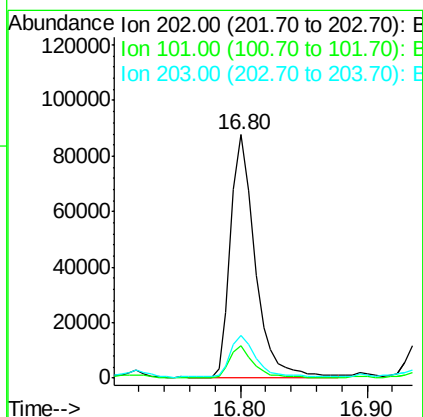
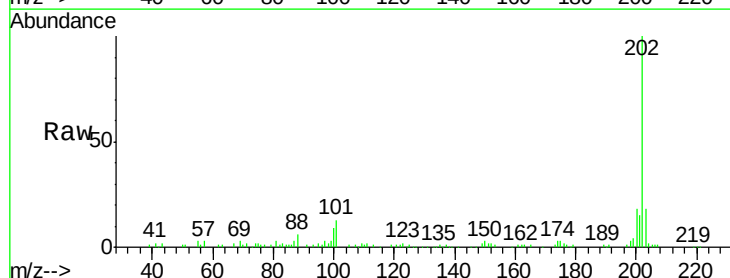
Manual Integrations
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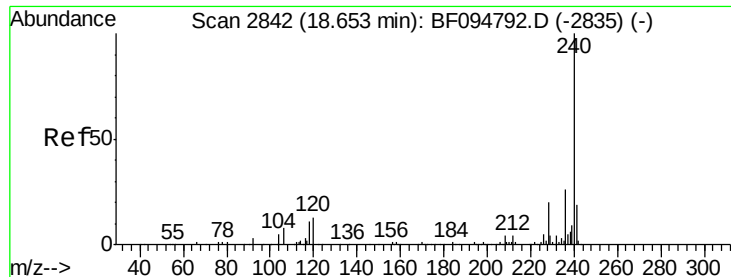
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#74
Fluoranthene
Concen: 6.05 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095280.D

Acq: 20 May 2017 00:19

Instrument :

BNA_F

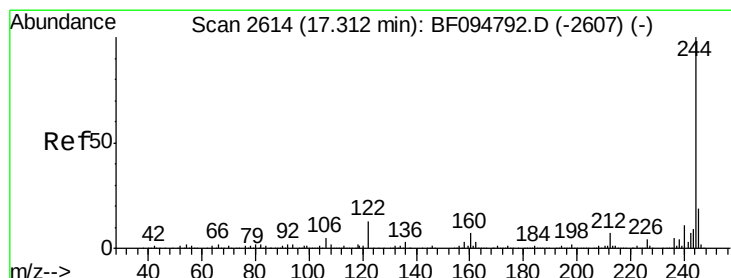
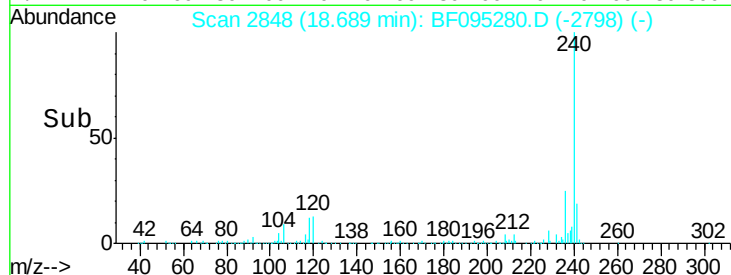
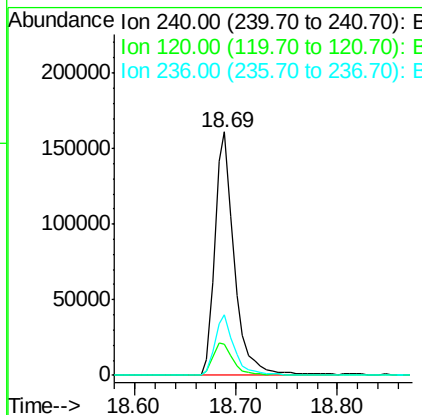
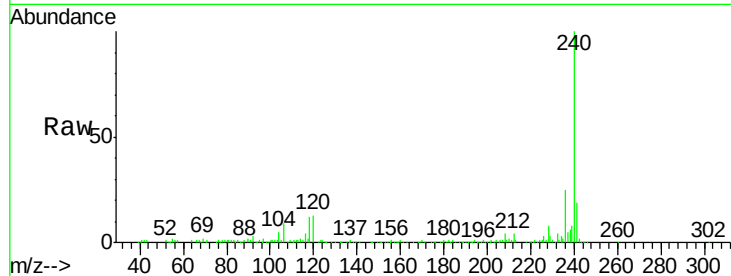
ClientSampleId :

FLOOR-A

Tgt Ion:240 Resp: 214815
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 24.7 20.5 30.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 95.76 ng

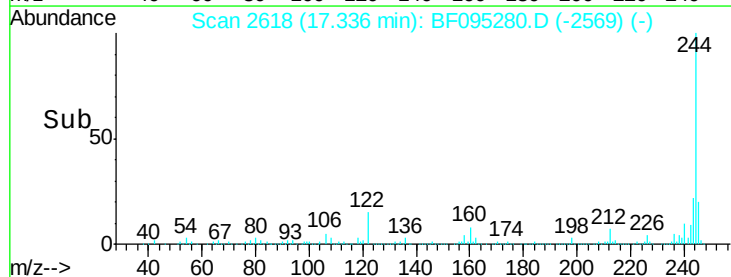
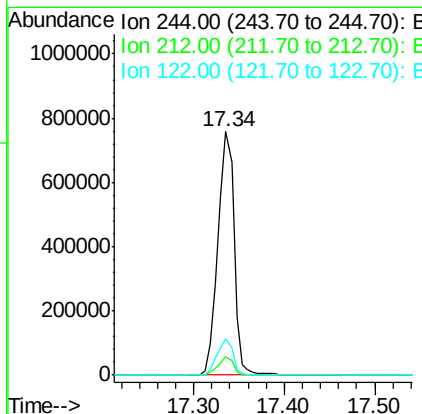
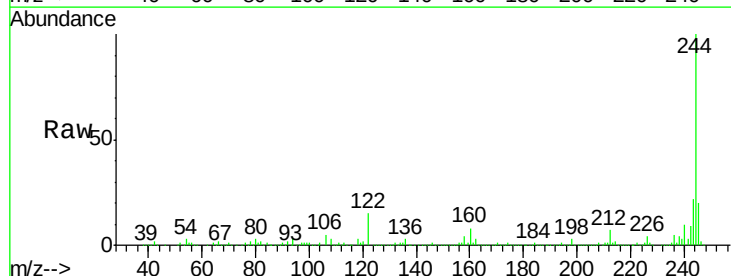
RT: 17.34 min Scan# 2618

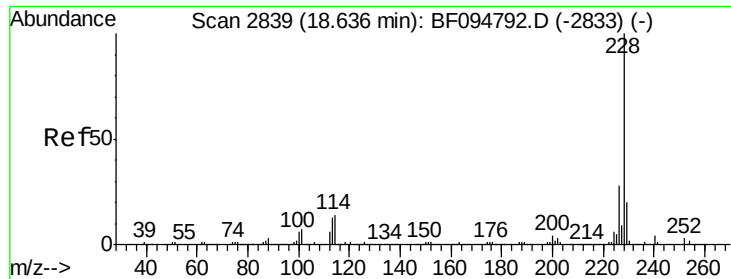
Delta R.T. -0.01 min

Lab File: BF095280.D

Acq: 20 May 2017 00:19

Tgt Ion:244 Resp: 933908
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.7 10.3 15.5





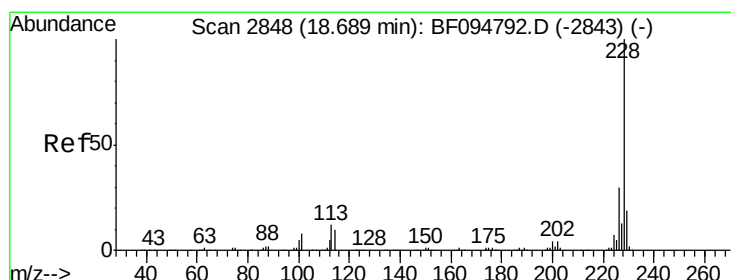
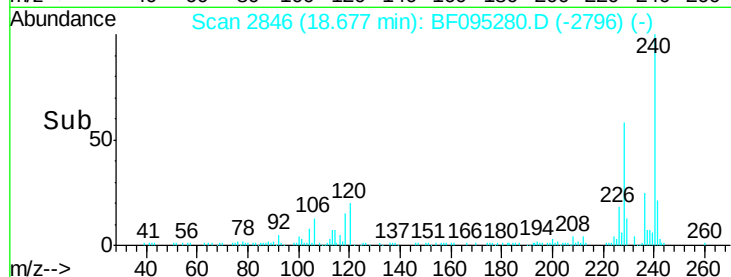
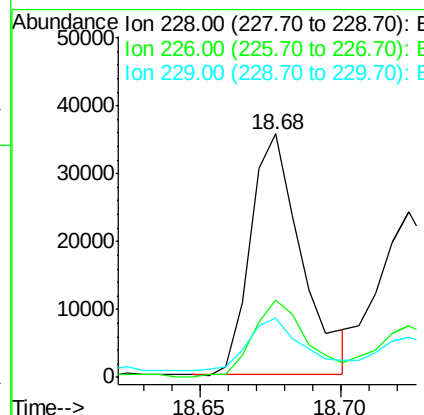
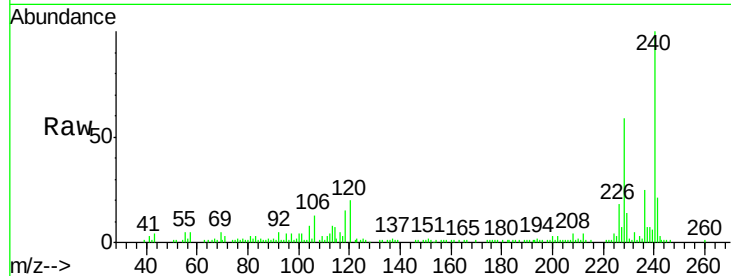
#80
Benzo(a)anthracene
Concen: 3.57 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Instrument :
BNA_F
ClientSampled :
FLOOR-A

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	44665		
226	31.5	22.6	33.8	
229	24.4	16.3	24.5	

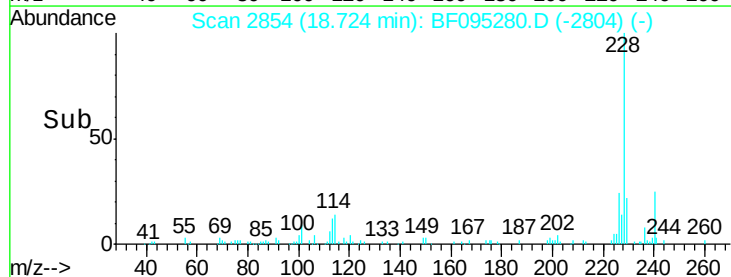
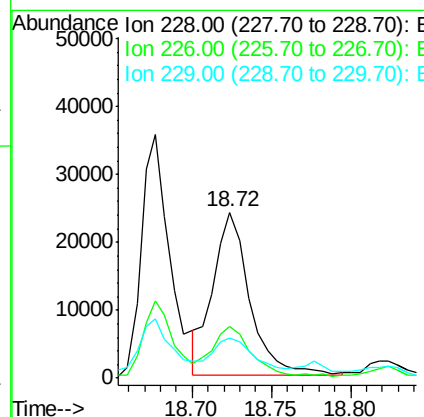
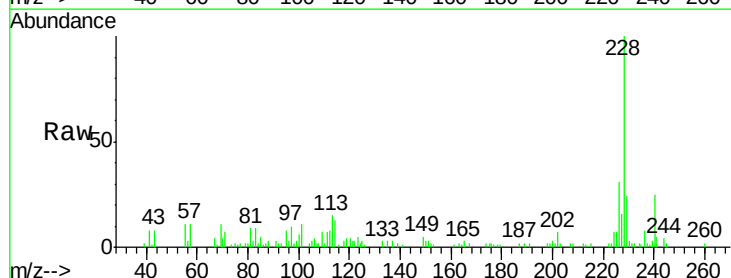
Manual Integrations
APPROVED

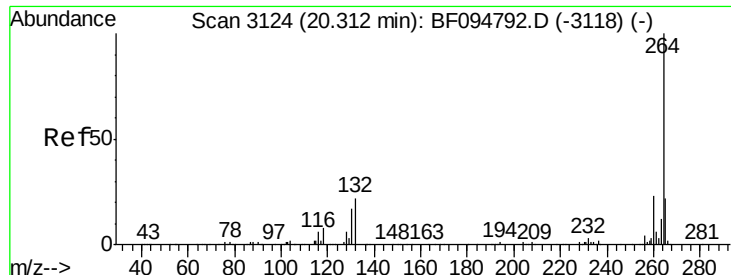
mohammad
5/22/2017 1:30:03 PM



#82
Chrysene
Concen: 3.25 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	39261		
226	31.4	24.9	37.3	
229	23.9	15.8	23.6	





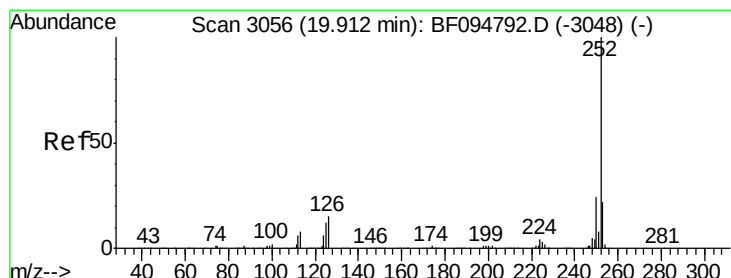
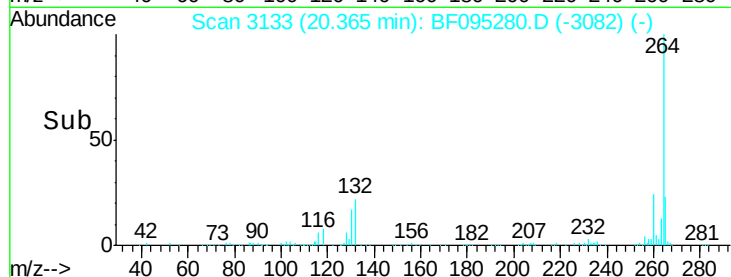
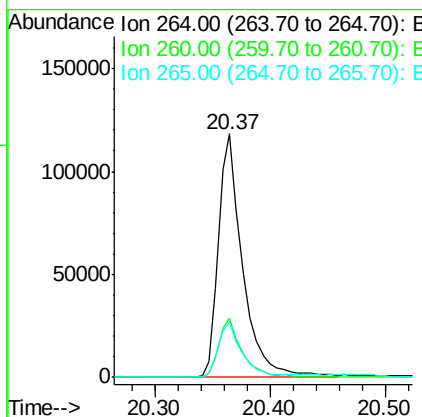
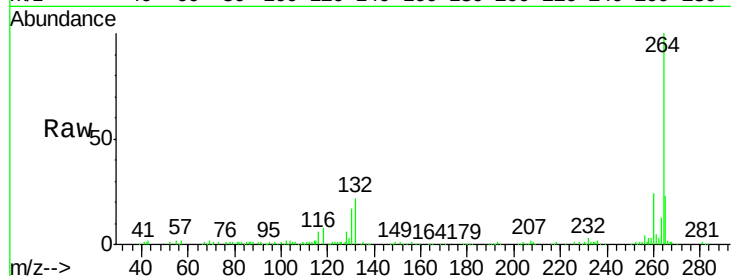
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Instrument :
BNA_F
ClientSampleId :
FLOOR-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.6	17.2	25.8

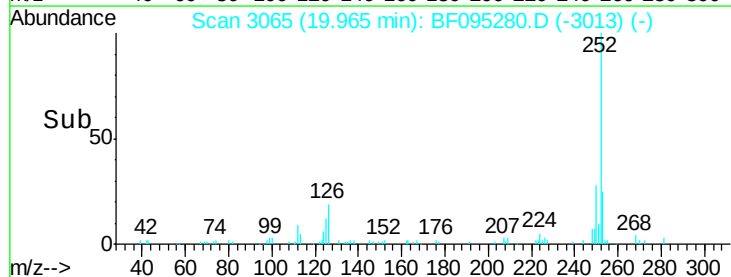
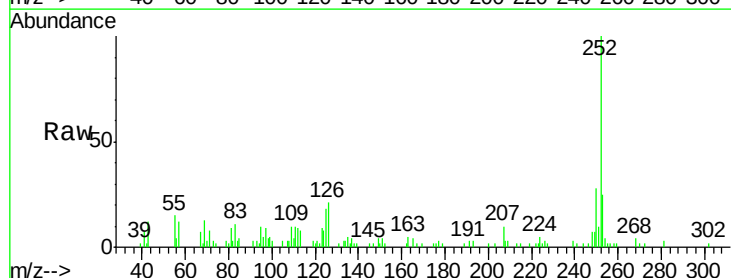
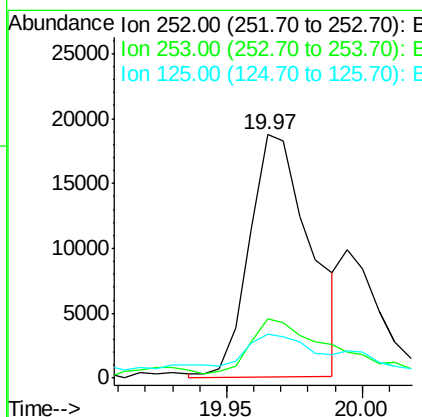
Manual Integrations
APPROVED

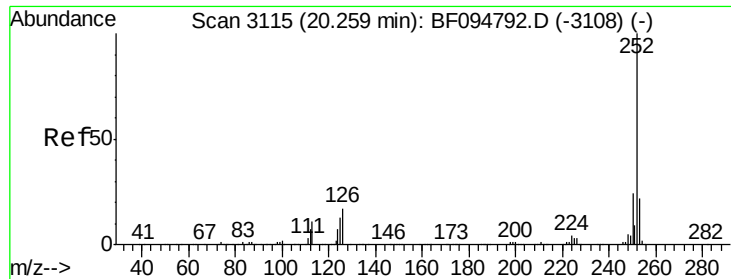
mohammad
5/22/2017 1:30:03 PM



#87
Benzo(b)fluoranthene
Concen: 2.72 ng m
RT: 19.97 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	17.9	9.8	14.8





#89
Benzo(a)pyrene
Concen: 2.29 ng
RT: 20.32 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BF095280.D
Acq: 20 May 2017 00:19

Instrument :
BNA_F
ClientSampleId :
FLOOR-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	15.5	11.0	16.4

Manual Integrations
APPROVED

mohammad
5/22/2017 1:30:03 PM

