

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095262.D
 Acq On : 19 May 2017 13:10
 Operator : SJ/MA
 Sample : I3186-05 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-ESW

Manual Integrations
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Quant Time: May 19 15:12:07 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	93250	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	361975	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	175249	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	272271	20.00	ng	0.00
75) Chrysene-d12	18.69	240	170730	20.00	ng	0.00
86) Perylene-d12	20.37	264	164602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	109008	19.49	ng	0.05
7) Phenol-d6	7.34	99	154714	23.05	ng	0.03
23) Nitrobenzene-d5	8.70	82	79027	13.77	ng	0.02
41) 2,4,6-Tribromophenol	13.94	330	27195	18.95	ng	0.02
44) 2-Fluorobiphenyl	11.57	172	192435	15.80	ng	0.00
78) Terphenyl-d14	17.34	244	129749	16.74	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	12.28	163	33127	2.30	ng	# 96
70) Phenanthrene	15.07	178	72502	4.63	ng	97
74) Fluoranthene	16.81	202	102024	6.36	ng	99
77) Pyrene	17.11	202	92168	7.22	ng	96
80) Benzo(a)anthracene	18.68	228	25264	2.54	ng	99
82) Chrysene	18.73	228	30778	3.20	ng	96
87) Benzo(b)fluoranthene	19.98	252	28438m	2.80	ng	
89) Benzo(a)pyrene	20.32	252	22620	2.41	ng	# 93

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

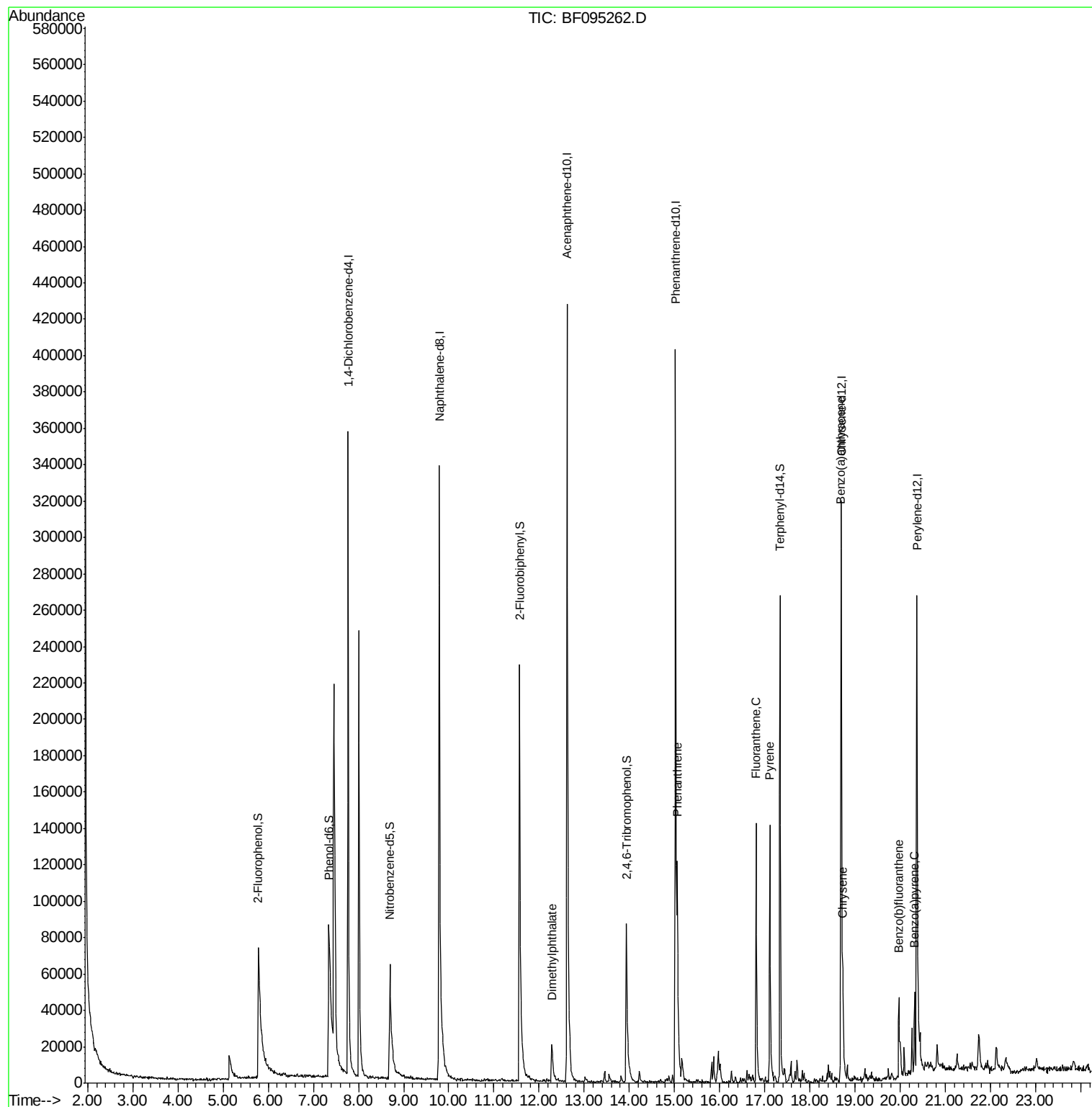
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
Data File : BF095262.D
Acq On : 19 May 2017 13:10
Operator : SJ/MA
Sample : I3186-05 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

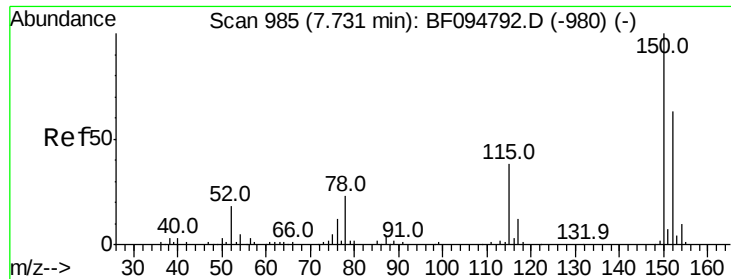
Instrument :
BNA_F
ClientSampleId :
E2-R3-ESW

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Quant Time: May 19 15:12:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

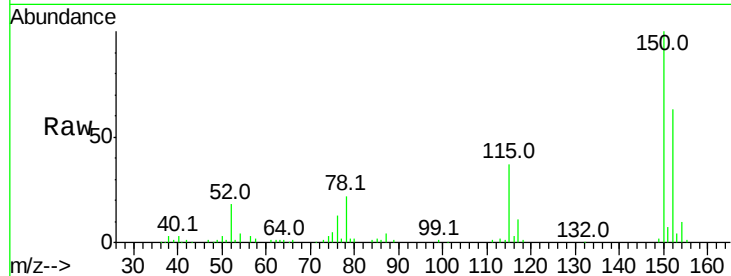
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampled :
E2-R3-ESW

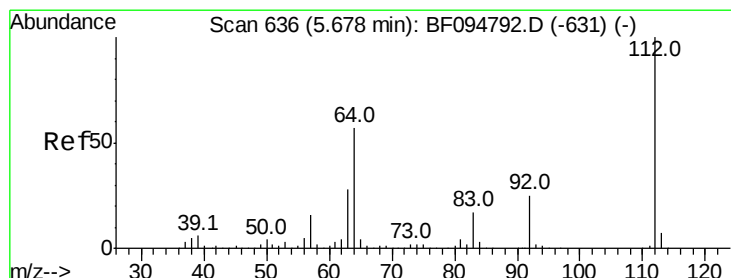
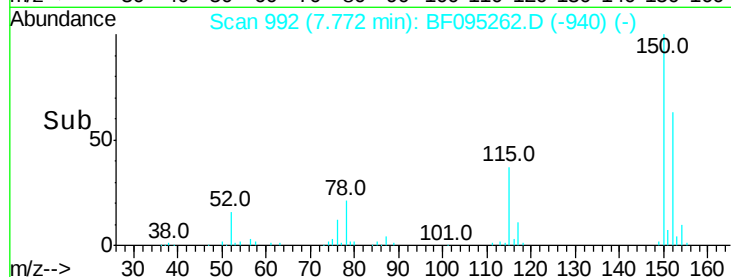
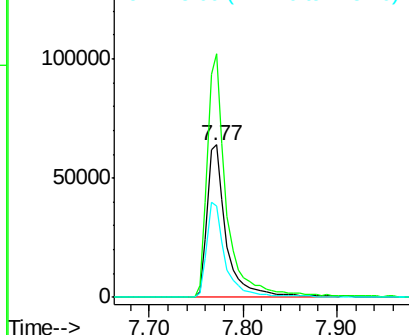
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	59.4	52.2	78.2

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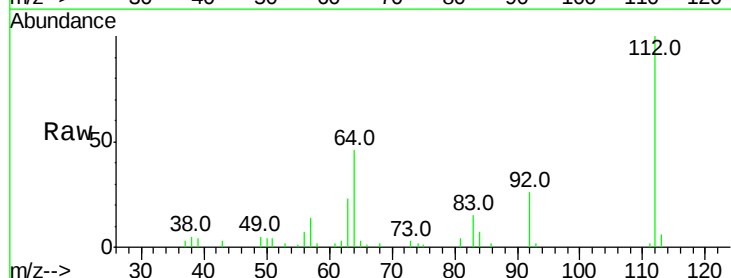
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



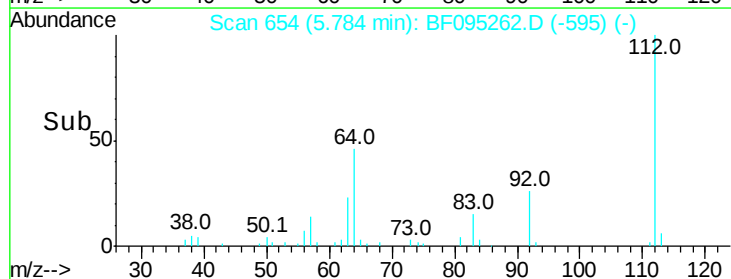
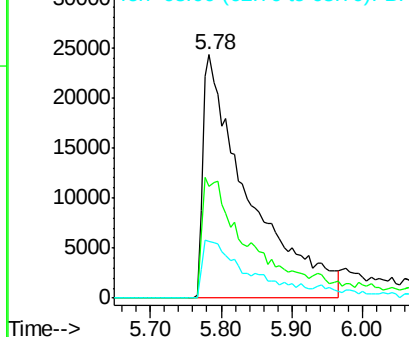
#5

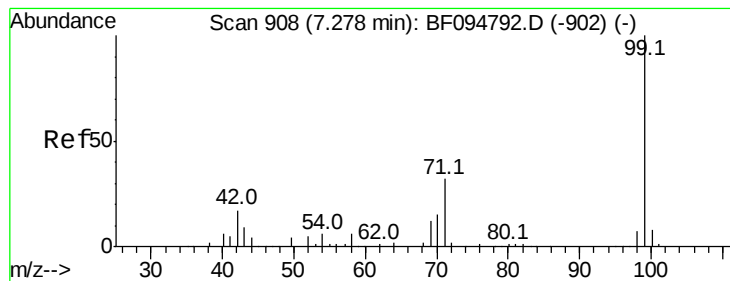
2-Fluorophenol
Concen: 19.49 ng
RT: 5.78 min Scan# 654
Delta R.T. 0.05 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.1	46.0	69.0
63	23.4	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: 23.05 ng

RT: 7.34 min Scan# 919

Delta R.T. 0.03 min

Lab File: BF095262.D

Acq: 19 May 2017 13:10

Instrument :

BNA_F

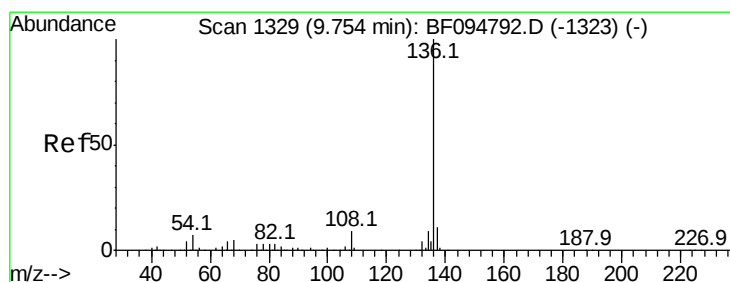
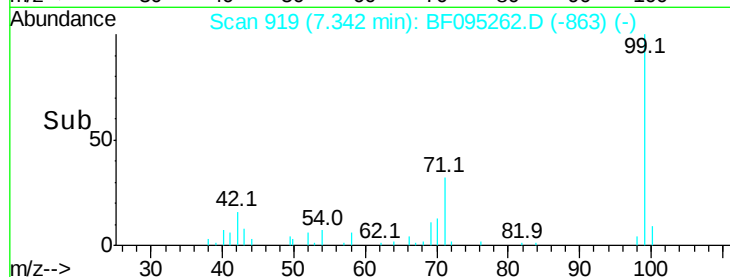
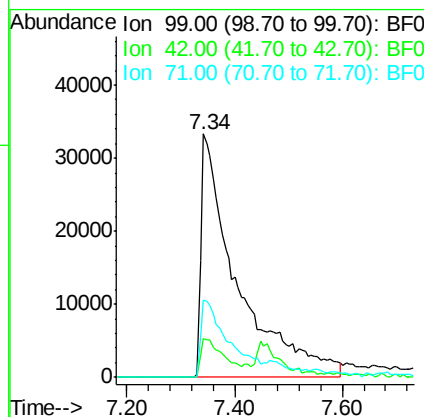
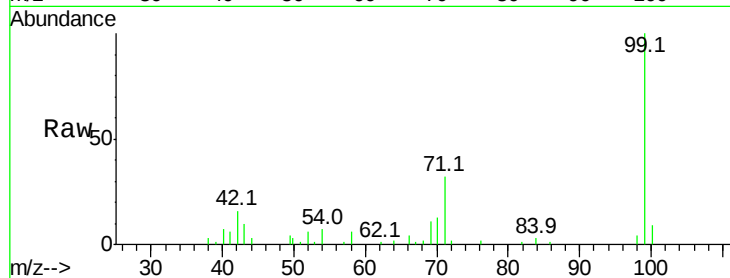
ClientSampleId :

E2-R3-ESW

Tot Ion:	99	Resp:	154714
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.5	20.3
71	31.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

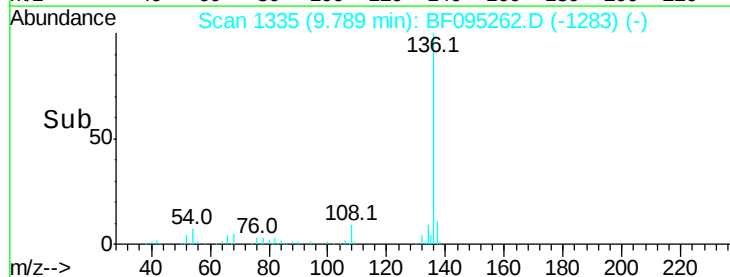
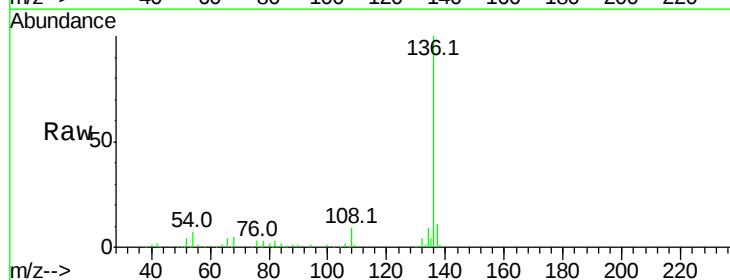
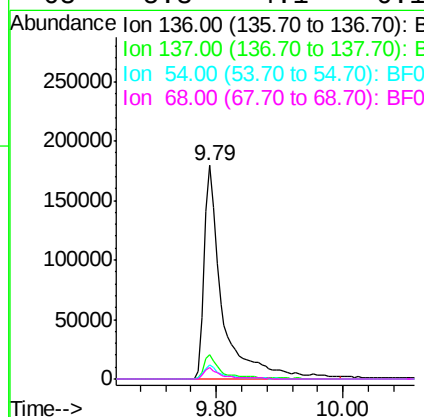
RT: 9.79 min Scan# 1335

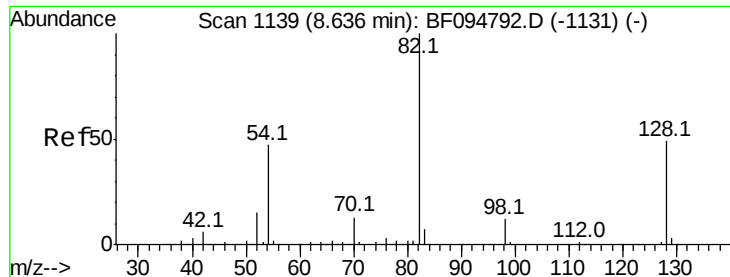
Delta R.T. 0.01 min

Lab File: BF095262.D

Acq: 19 May 2017 13:10

Tgt Ion:	136	Resp:	361975
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	6.5	4.9	7.3
68	5.3	4.1	6.1





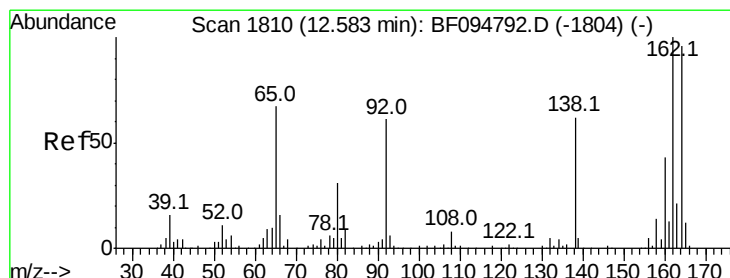
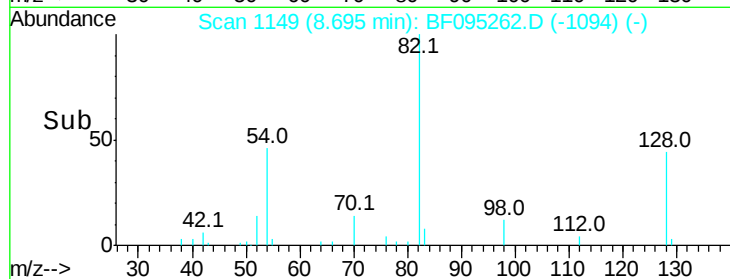
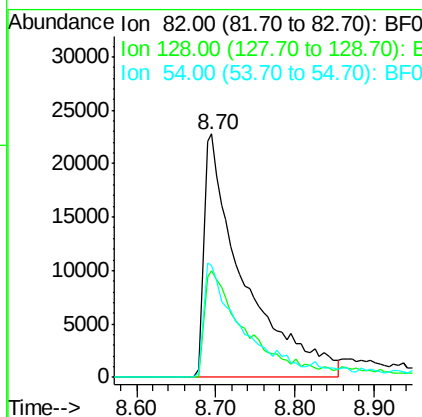
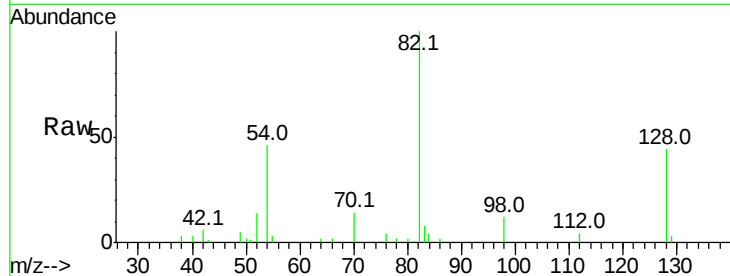
#23
 Nitrobenzene-d5
 Concen: 13.77 ng
 RT: 8.70 min Scan# 1149
 Delta R.T. 0.02 min
 Lab File: BF095262.D
 Acq: 19 May 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-ESW

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.0	51.0
54	45.8	42.2	63.2

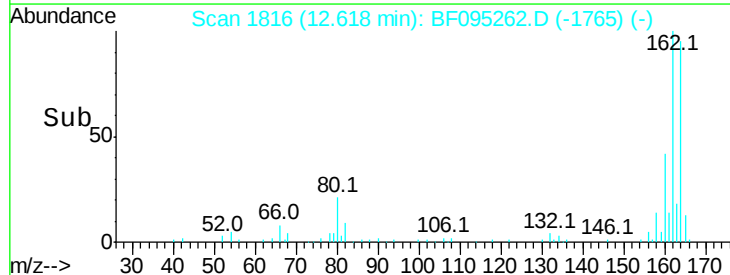
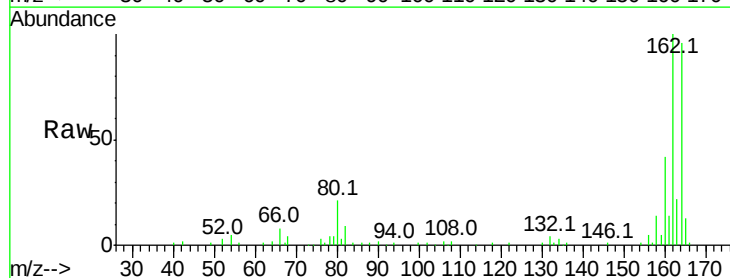
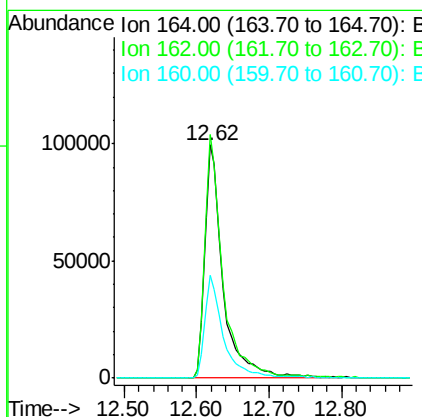
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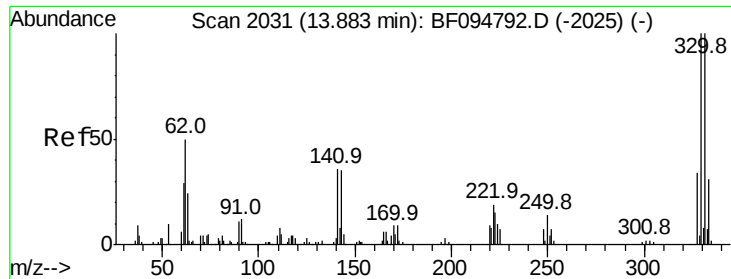
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095262.D
 Acq: 19 May 2017 13:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	44.2	36.2	54.2





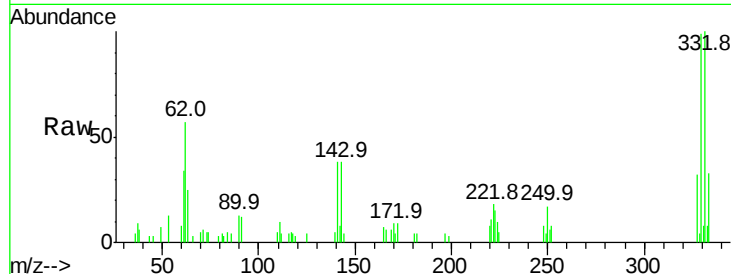
#41
 2,4,6-Tribromophenol
 Concen: 18.95 ng
 RT: 13.94 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: BF095262.D
 Acq: 19 May 2017 13:10

Instrument :
 BNA_F
 ClientSampled :
 E2-R3-ESW

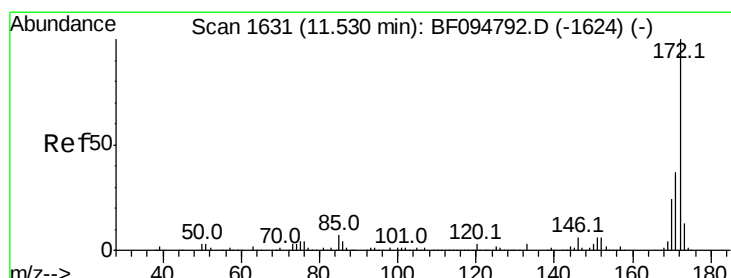
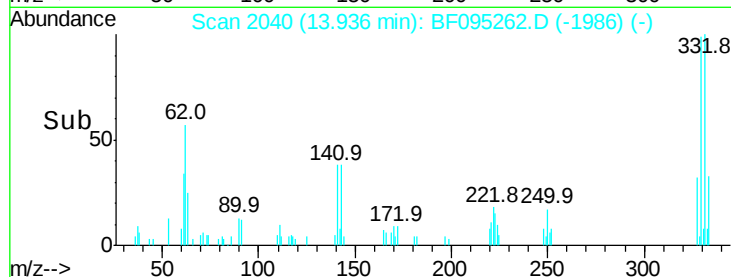
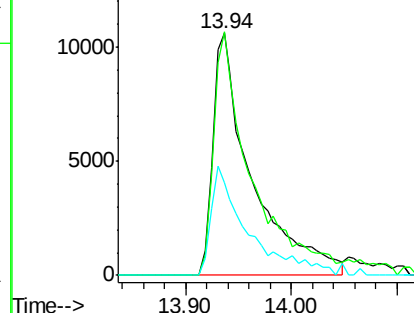
Tot Ion	Ratio	Resp	Lower	Upper
330	100	27195		
332	97.7		76.6	115.0
141	42.6		31.4	47.2

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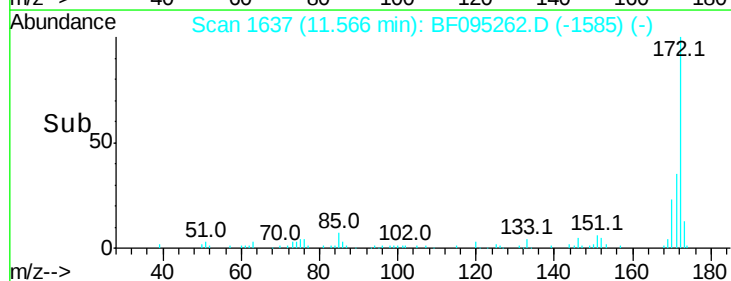
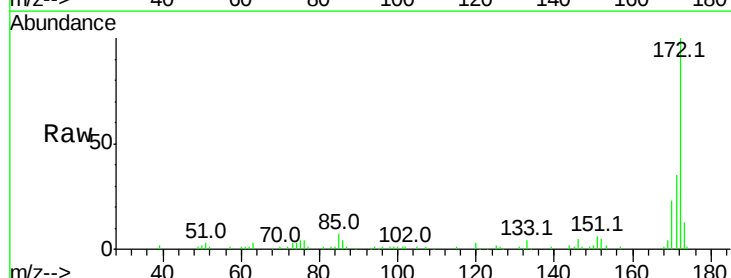
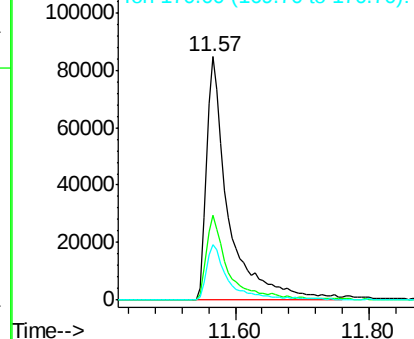
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

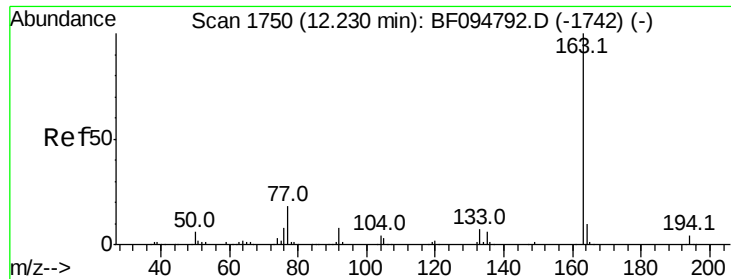


#44
 2-Fluorobiphenyl
 Concen: 15.80 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: BF095262.D
 Acq: 19 May 2017 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	192435		
171	35.0		29.6	44.4
170	22.6		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





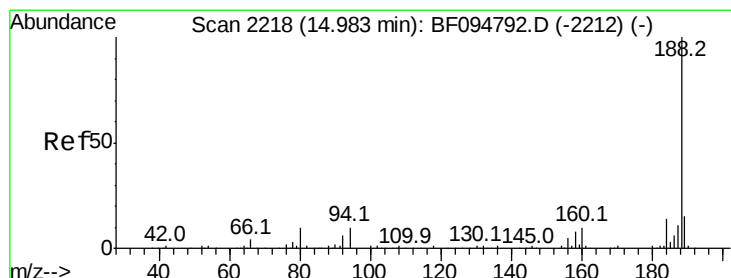
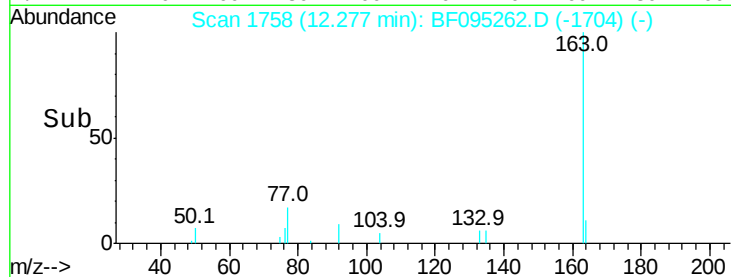
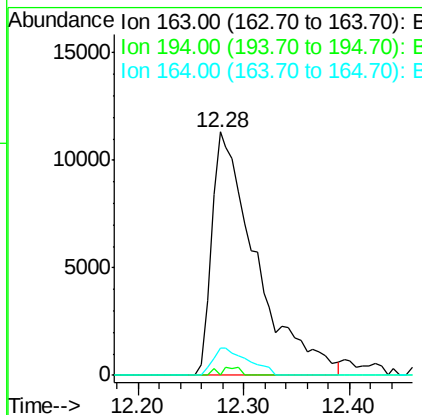
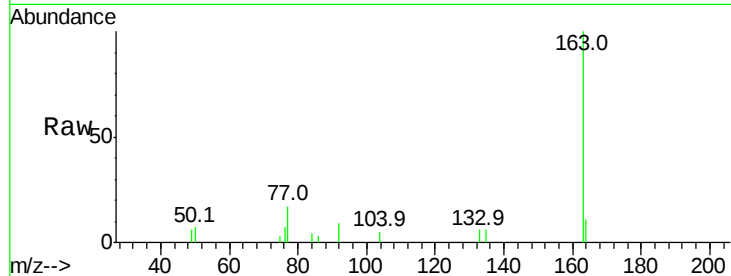
#49
Dimethylphthalate
Concen: 2.30 ng
RT: 12.28 min Scan# 1758
Delta R.T. 0.02 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :
E2-R3-ESW

Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	11.3	8.4	12.6

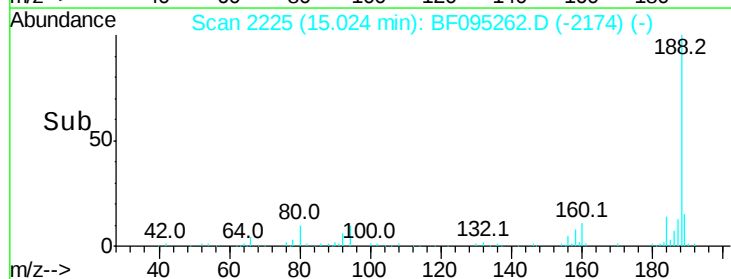
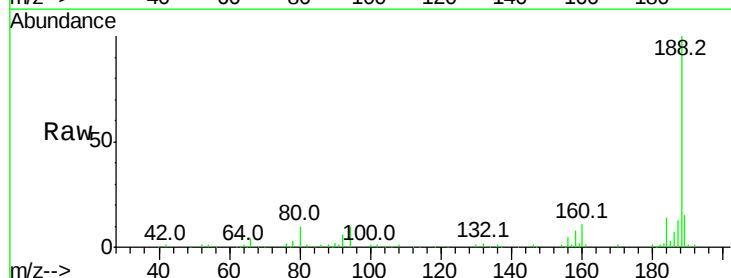
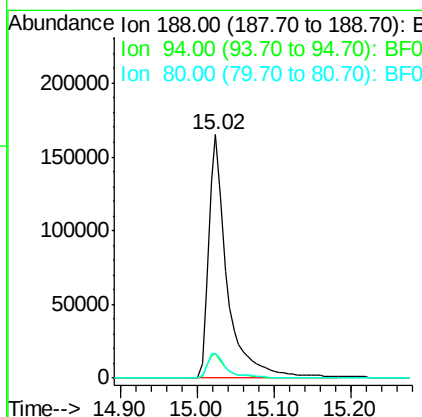
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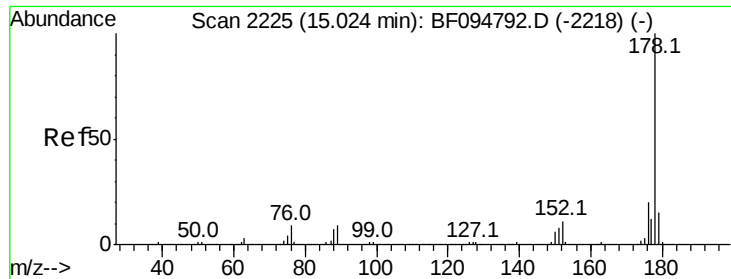
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.3	10.2	15.2





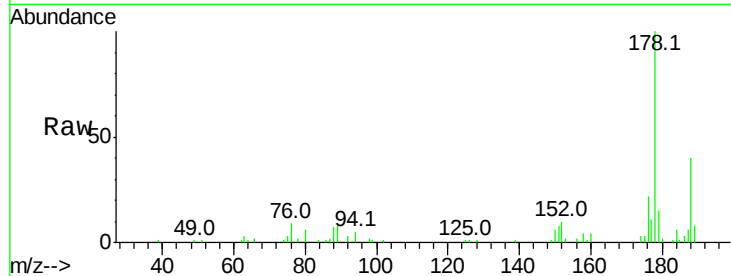
#70
Phenanthrene
Concen: 4.63 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :
E2-R3-ESW

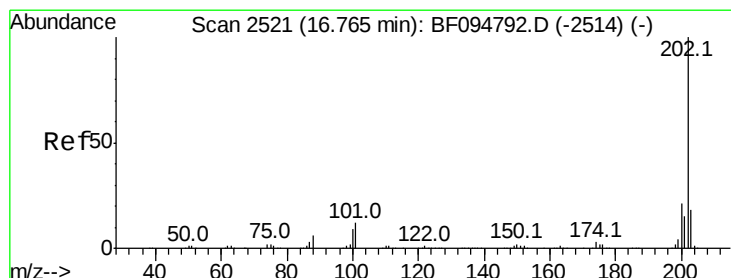
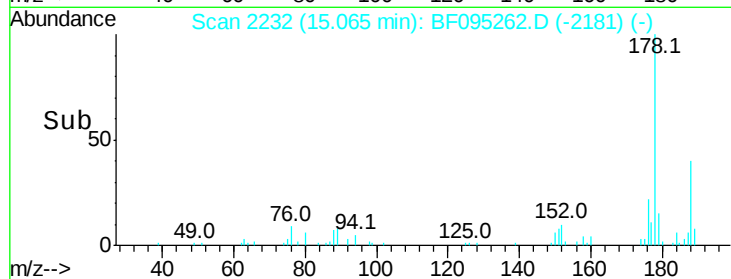
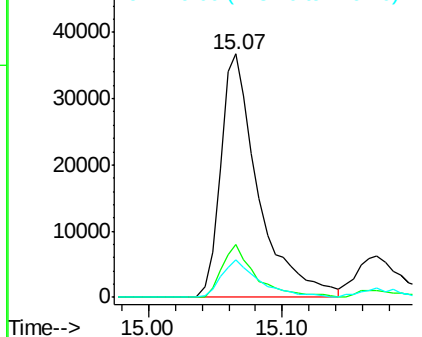
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.2	24.4
179	15.2	12.6	19.0

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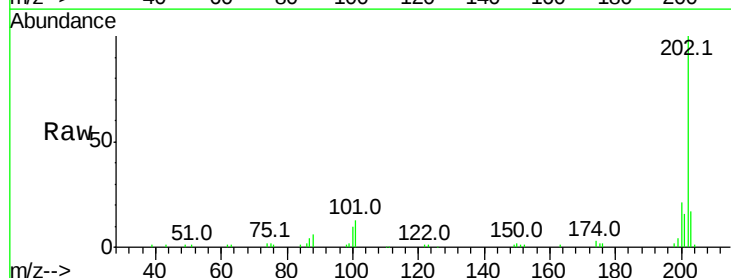


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

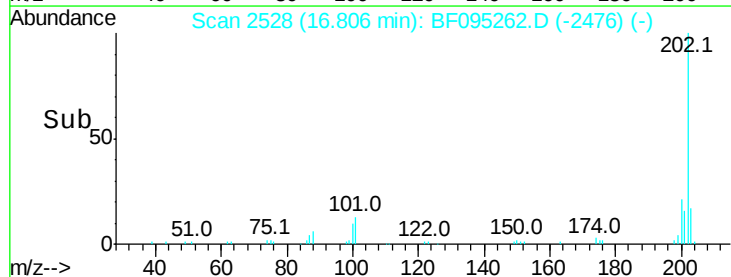
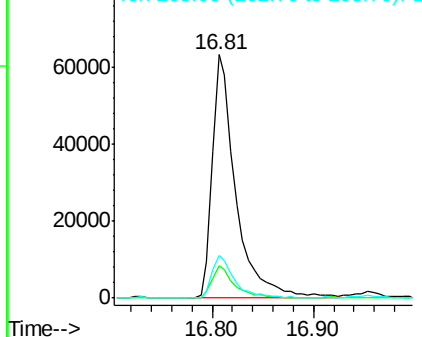


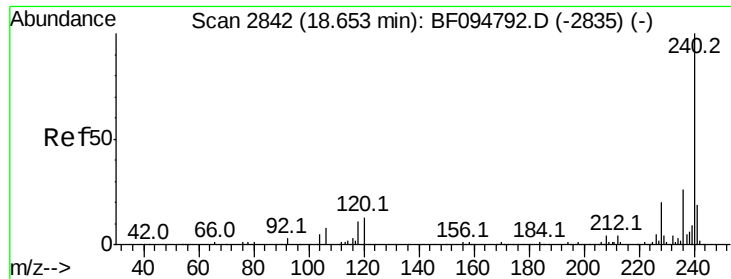
#74
Fluoranthene
Concen: 6.36 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.4	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095262.D

Acq: 19 May 2017 13:10

Instrument :

BNA_F

ClientSampleId :

E2-R3-ESW

Tot Ion:240 Resp: 170730

Ion Ratio Lower Upper

240 100

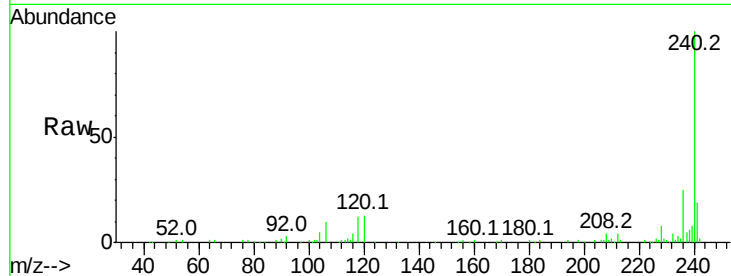
120 13.2 5.8 8.8#

236 24.8 20.5 30.7

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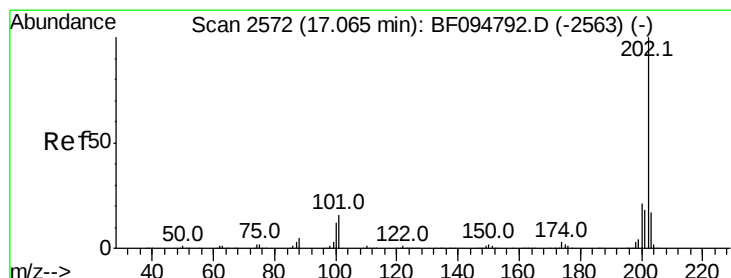
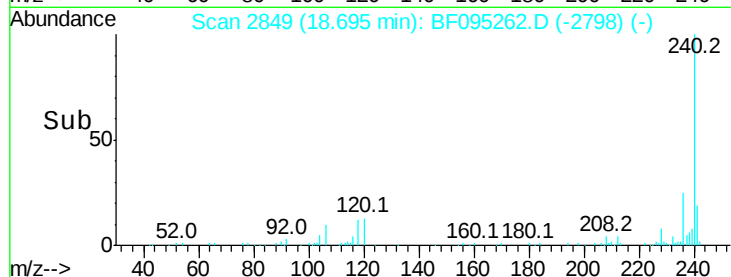
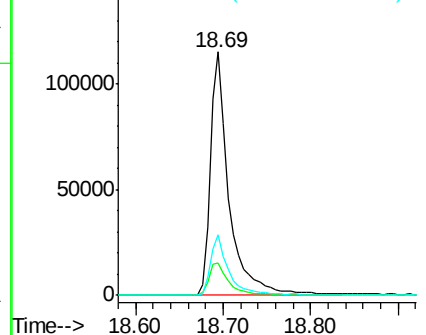
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.22 ng

RT: 17.11 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF095262.D

Acq: 19 May 2017 13:10

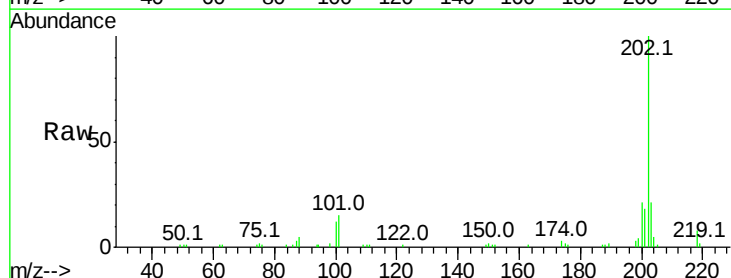
Tgt Ion:202 Resp: 92168

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

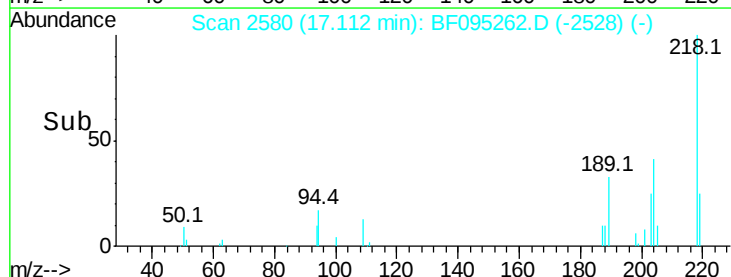
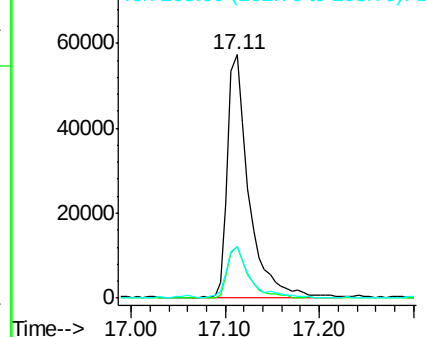
203 21.1 14.4 21.6

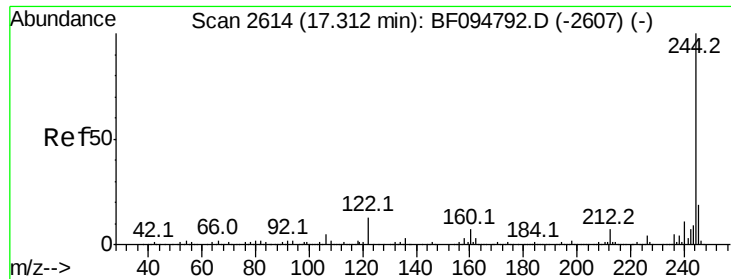


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





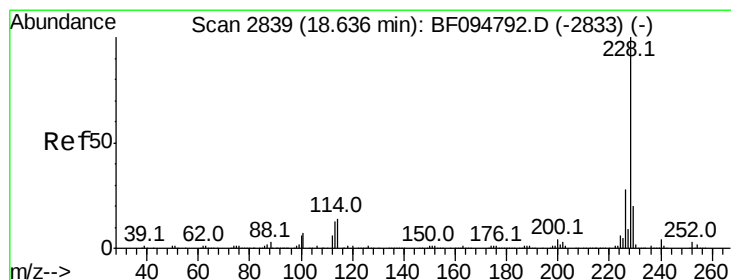
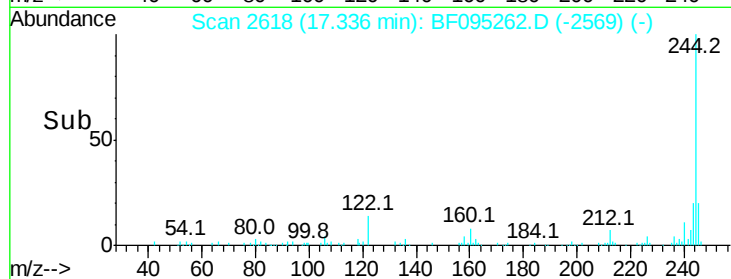
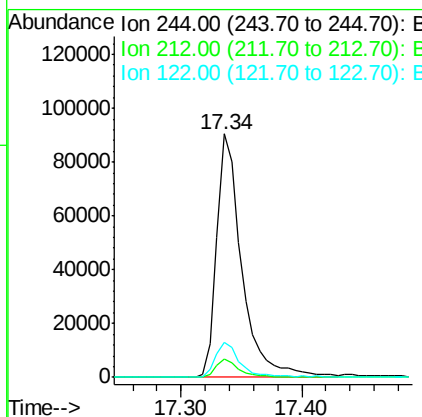
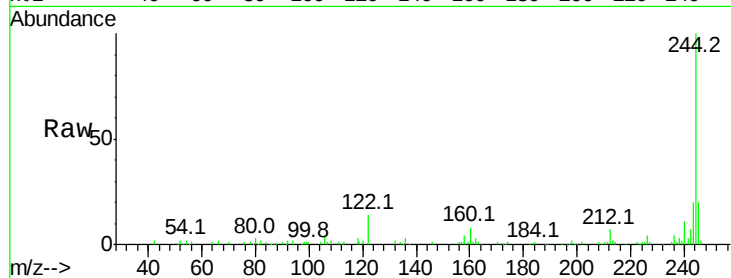
#78
 Terphenyl-d14
 Concen: 16.74 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095262.D
 Acq: 19 May 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-ESW

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.3	10.3	15.5

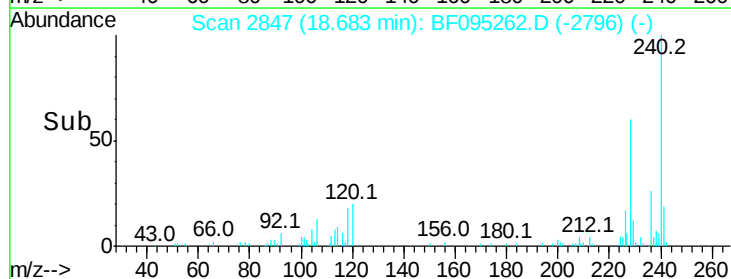
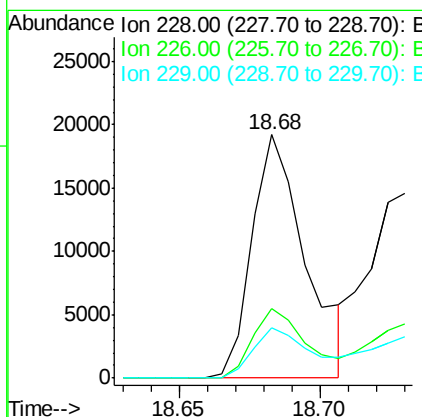
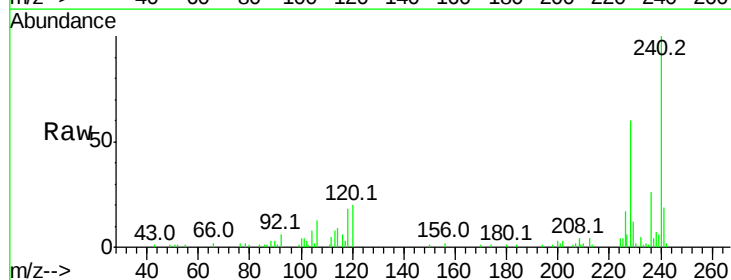
Manual Integrations
 APPROVED

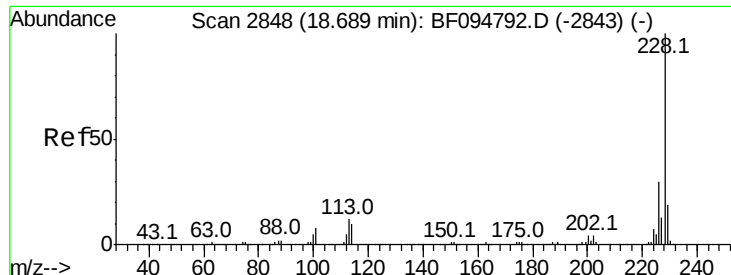
mohammad
 5/19/2017 3:40:59 PM



#80
 Benzo(a)anthracene
 Concen: 2.54 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.00 min
 Lab File: BF095262.D
 Acq: 19 May 2017 13:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.4	16.3	24.5





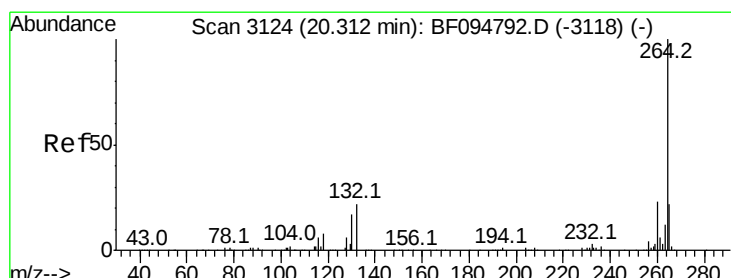
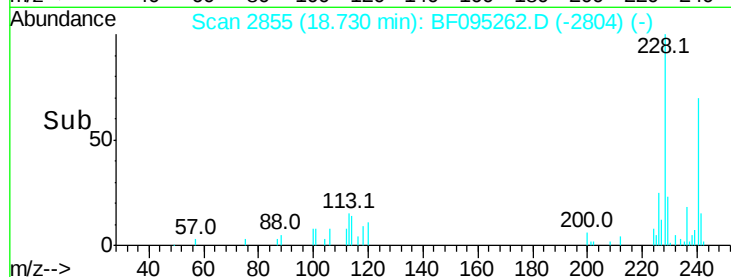
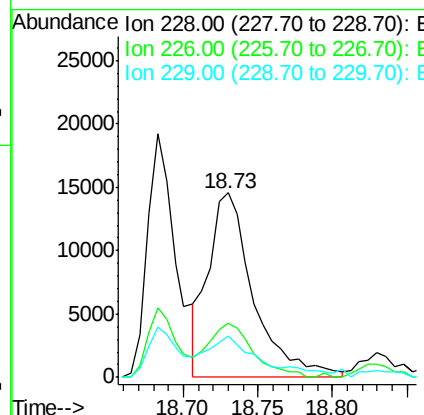
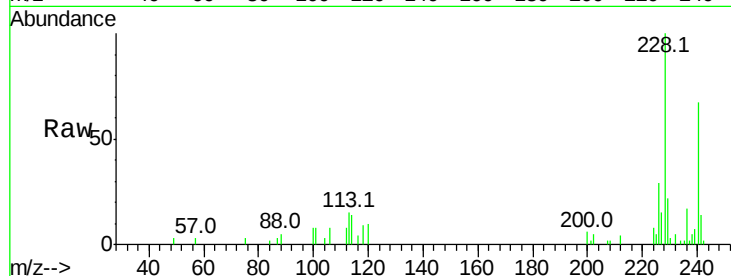
#82
Chrysene
Concen: 3.20 ng
RT: 18.73 min Scan# 2855
Delta R.T. 0.00 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampled :
E2-R3-ESW

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	22.3	15.8	23.6

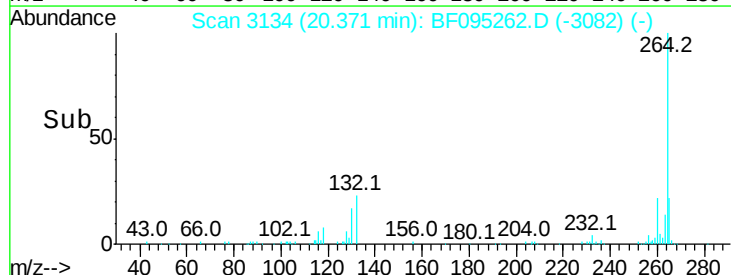
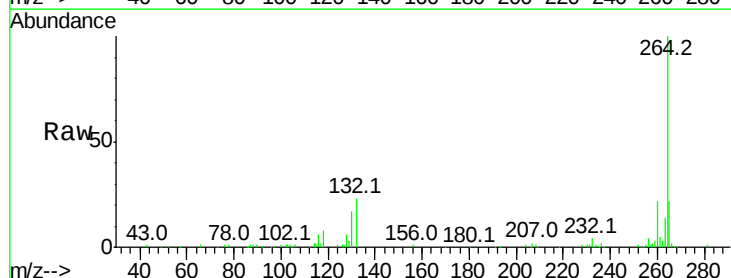
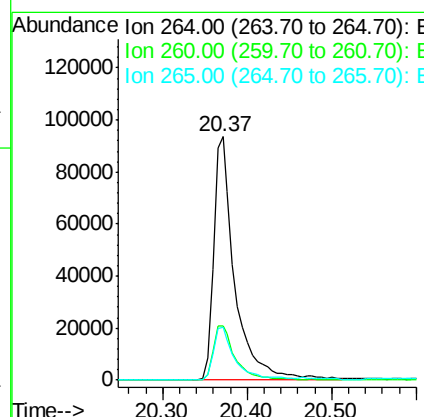
Manual Integrations
APPROVED

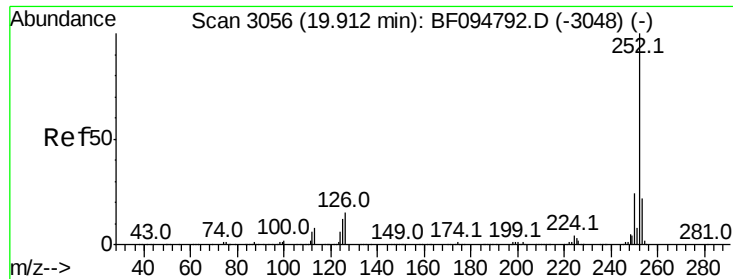
mohammad
5/19/2017 3:40:59 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.7	17.2	25.8





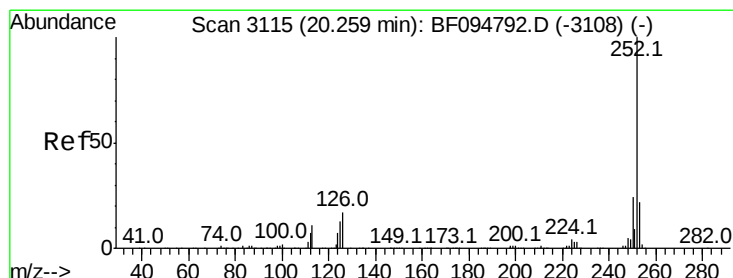
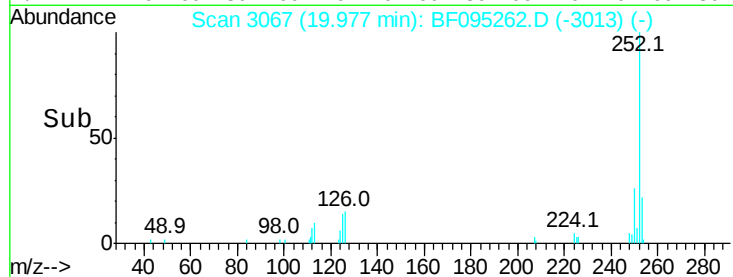
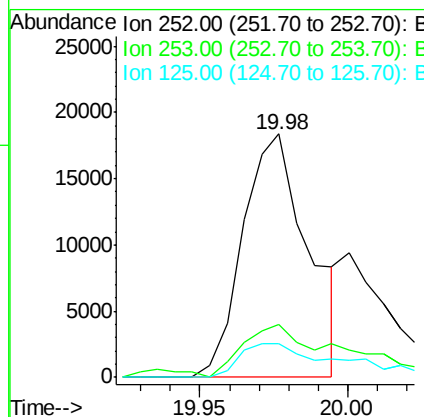
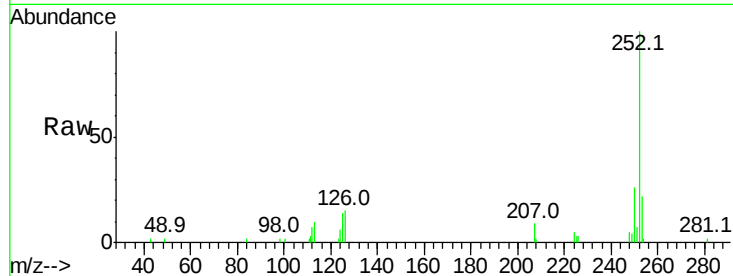
#87
Benzo(b)fluoranthene
Concen: 2.80 ng
RT: 19.98 min Scan# 3067
Delta R.T. 0.02 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :
E2-R3-ESW

Tot Ion:	252	Resp:	28438
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	13.9	9.8	14.8

Manual Integrations
APPROVED

mohammad
5/19/2017 3:40:59 PM



#89
Benzo(a)pyrene
Concen: 2.41 ng
RT: 20.32 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:	252	Resp:	22620
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.5	26.3
125	16.6	11.0	16.4#

