

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095388.D
 Acq On : 24 May 2017 14:42
 Operator : SJ/MA
 Sample : I3290-06 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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mohammad
 5/25/2017 8:51:53 AM

Quant Time: May 25 02:31:00 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	7.76	152	79038	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	357735	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	162196	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	283351	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	185256	20.00	ng	-0.01
86) Perylene-d12	20.36	264	137241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	24764m	5.22	ng	0.11
7) Phenol-d6	7.41	99	43190	7.59	ng	0.09
23) Nitrobenzene-d5	8.75	82	21732	3.83	ng	0.08
41) 2,4,6-Tribromophenol	13.95	330	6888	5.19	ng	0.03
44) 2-Fluorobiphenyl	11.57	172	84396	7.49	ng	0.00
78) Terphenyl-d14	17.33	244	60163	7.15	ng	-0.02
Target Compounds						Qvalue
74) Fluoranthene	16.80	202	117823	7.06	ng	98
77) Pyrene	17.10	202	121966	8.80	ng	97
80) Benzo(a)anthracene	18.67	228	38532	3.57	ng	98
82) Chrysene	18.72	228	56691	5.44	ng	94
85) Indeno(1,2,3-cd)pyrene	21.73	276	30438	3.60	ng	96
87) Benzo(b)fluoranthene	19.97	252	42479m	5.01	ng	
88) Benzo(k)fluoranthene	19.99	252	23649m	2.89	ng	
89) Benzo(a)pyrene	20.31	252	31426	4.02	ng	# 97
91) Benzo(g,h,i)perylene	22.12	276	32081	5.06	ng	96

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

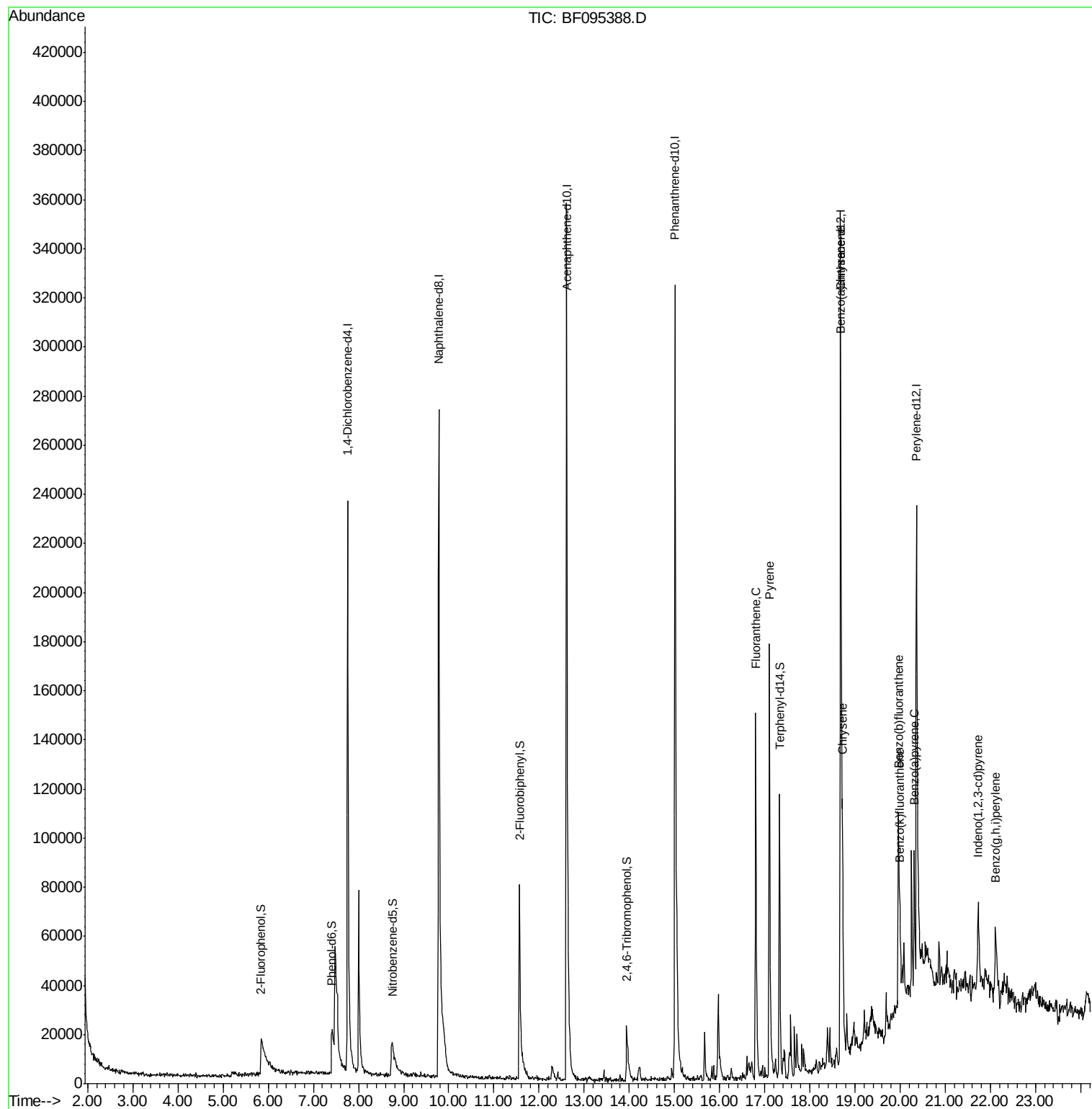
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095388.D
Acq On : 24 May 2017 14:42
Operator : SJ/MA
Sample : I3290-06 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

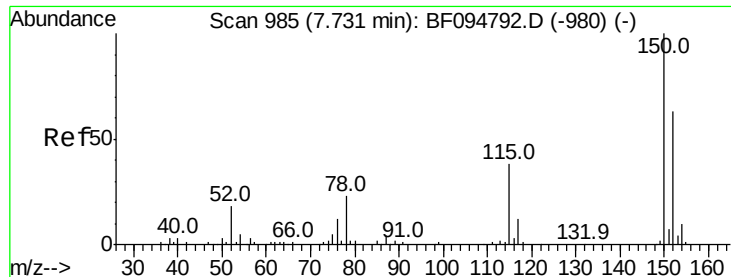
Instrument :
BNA_F
ClientSampled :
TP-2

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Quant Time: May 25 02:31:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

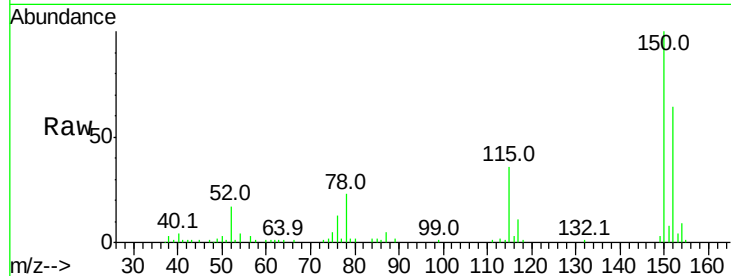
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampled :
TP-2

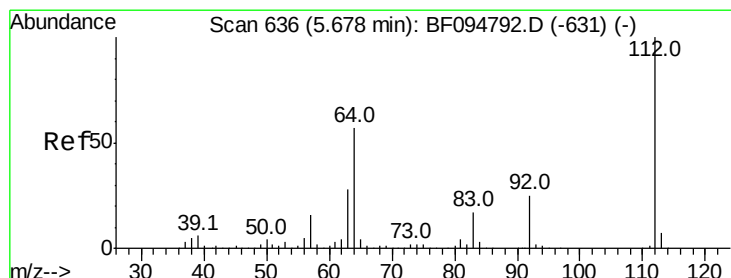
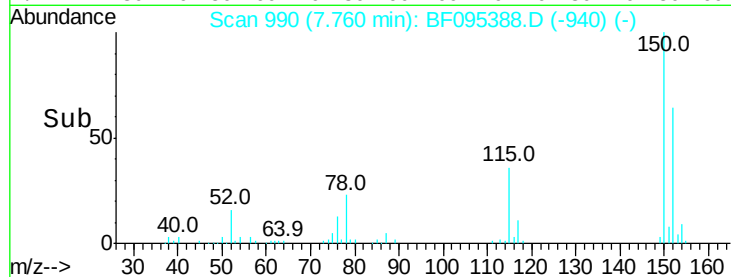
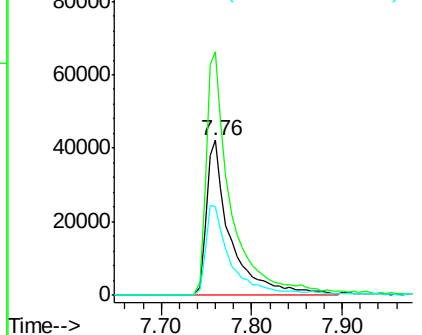
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	56.9	52.2	78.2

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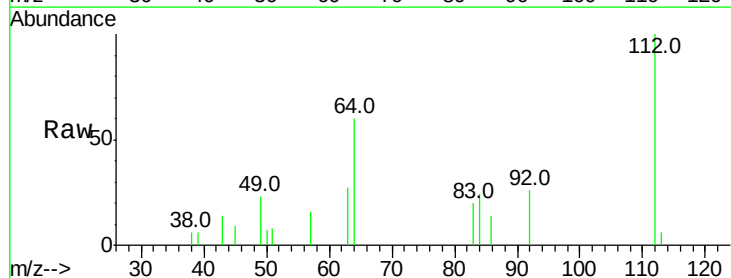
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



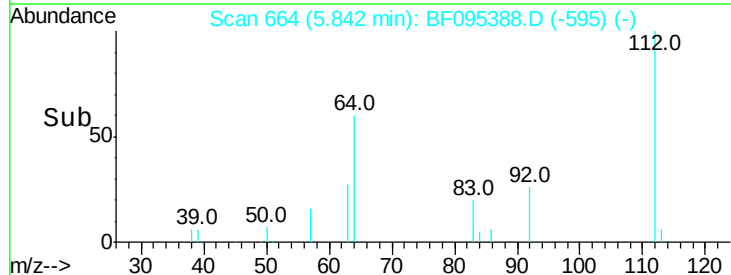
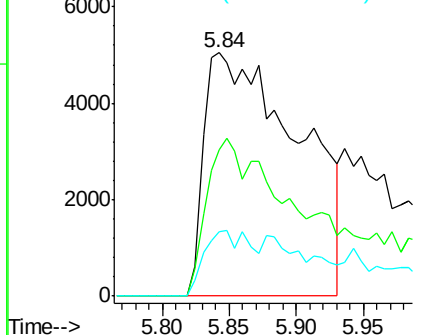
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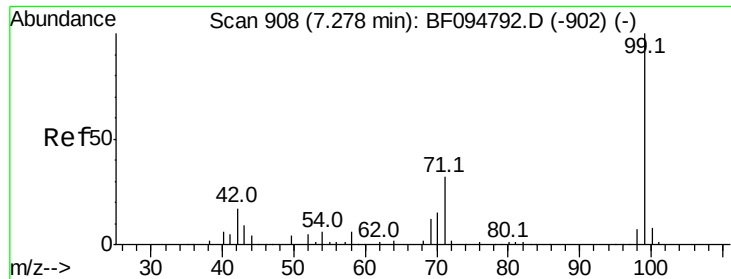
2-Fluorophenol
Concen: 5.22 ng m
RT: 5.84 min Scan# 664
Delta R.T. 0.11 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.0	69.0
63	26.7	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: 7.59 ng

RT: 7.41 min Scan# 930

Delta R.T. 0.09 min

Lab File: BF095388.D

Acq: 24 May 2017 14:42

Instrument :

BNA_F

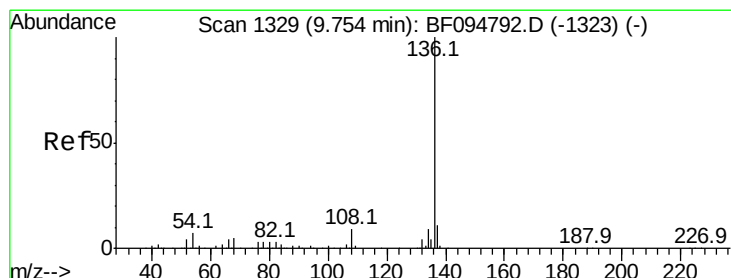
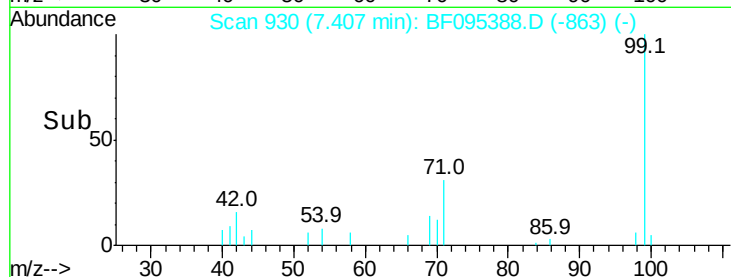
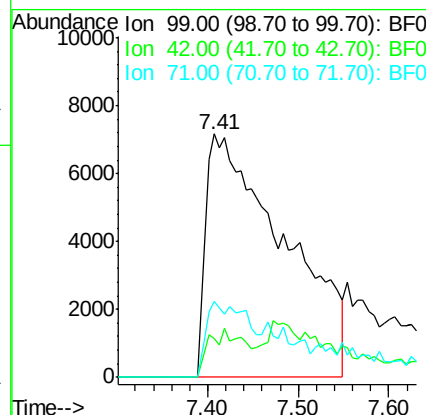
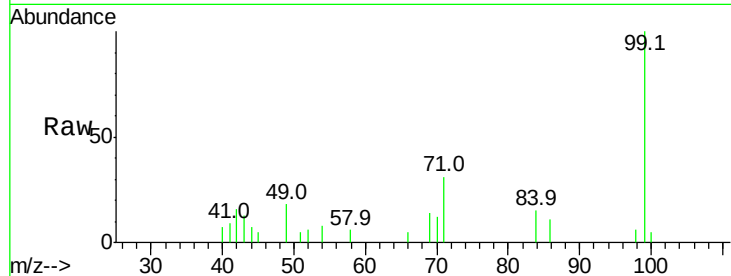
ClientSampled :

TP-2

Tot Ion:	99	Resp:	43190
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	31.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

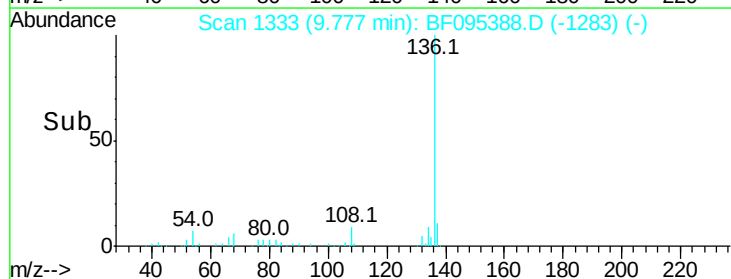
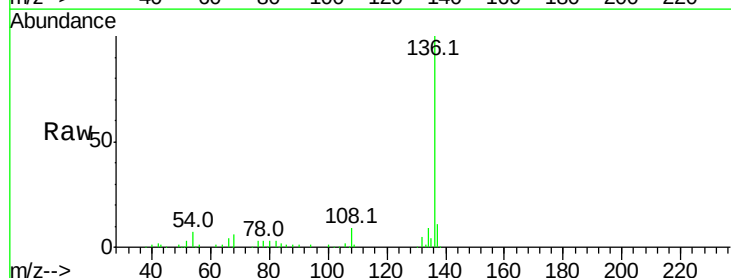
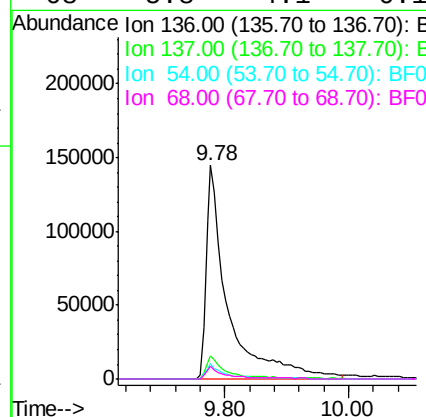
RT: 9.78 min Scan# 1333

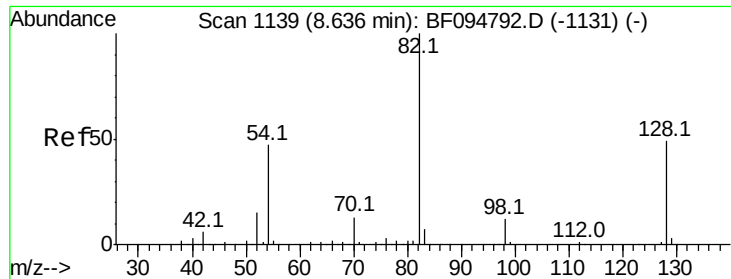
Delta R.T. -0.01 min

Lab File: BF095388.D

Acq: 24 May 2017 14:42

Tgt Ion:	136	Resp:	357735
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	7.3	4.9	7.3#
68	5.8	4.1	6.1





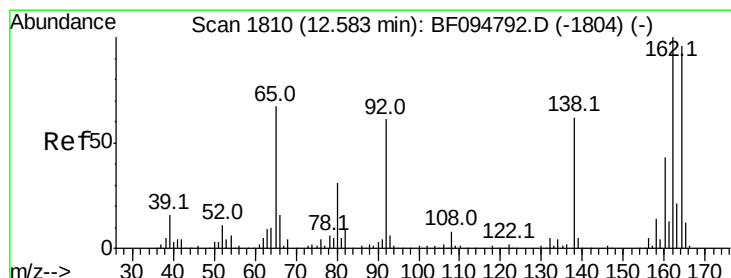
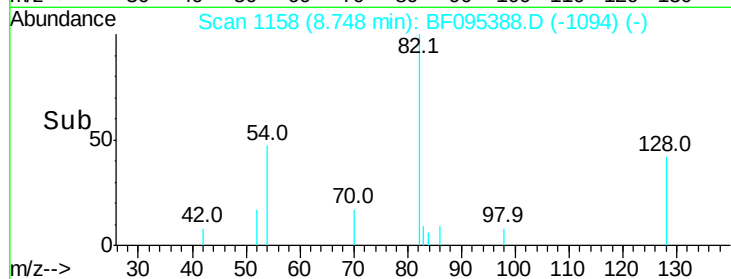
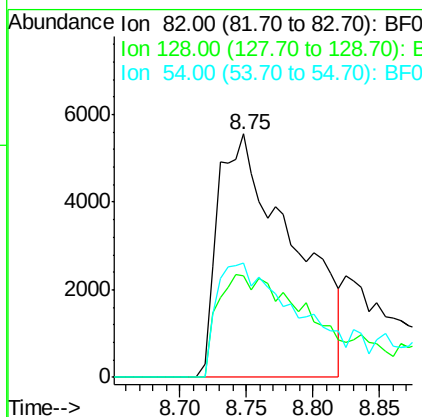
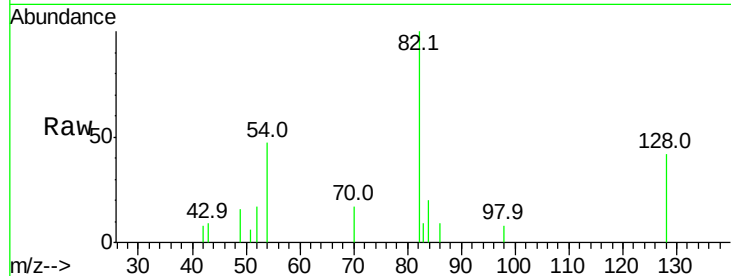
#23
 Nitrobenzene-d5
 Concen: 3.83 ng
 RT: 8.75 min Scan# 1158
 Delta R.T. 0.08 min
 Lab File: BF095388.D
 Acq: 24 May 2017 14:42

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	47.1	42.2	63.2

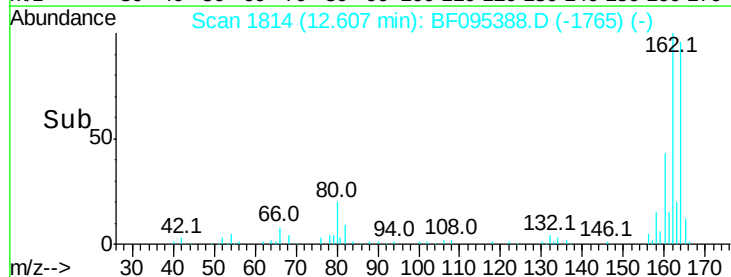
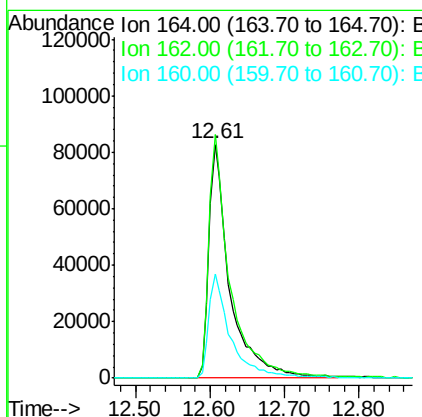
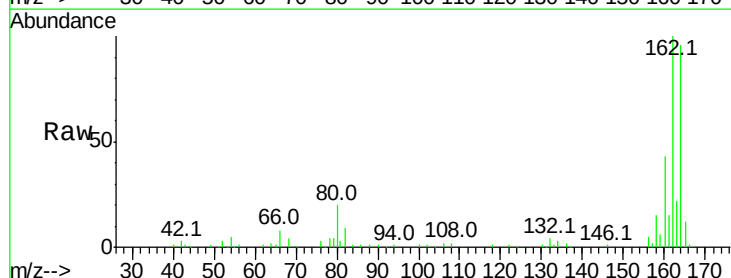
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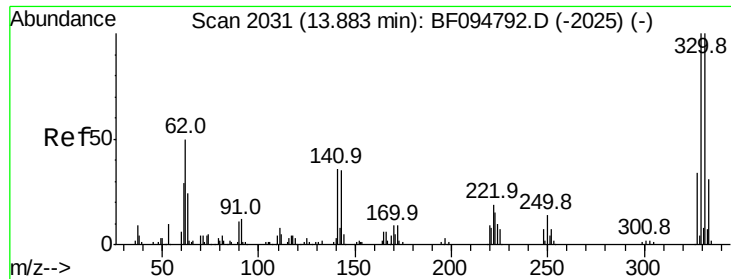
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095388.D
 Acq: 24 May 2017 14:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	44.7	36.2	54.2





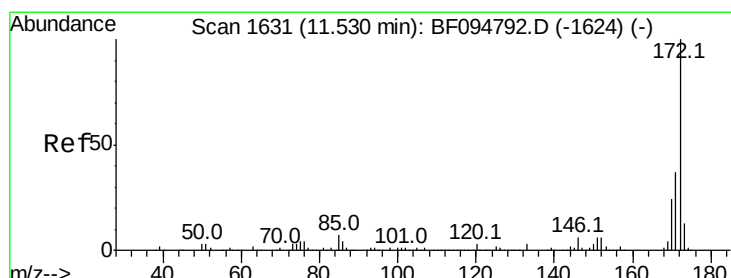
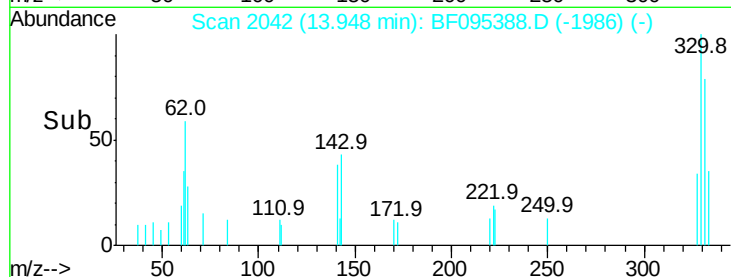
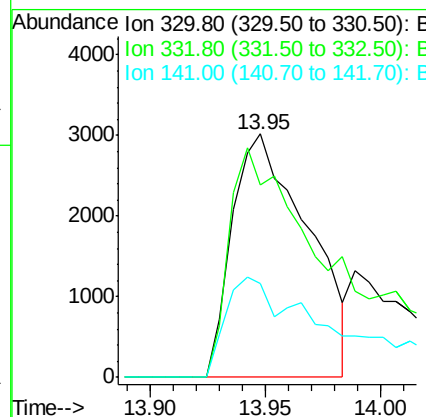
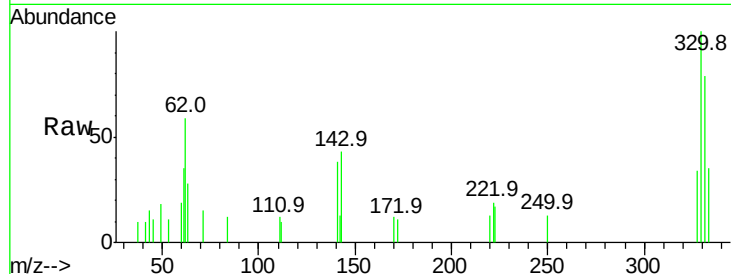
#41
 2,4,6-Tribromophenol
 Concen: 5.19 ng
 RT: 13.95 min Scan# 2042
 Delta R.T. 0.03 min
 Lab File: BF095388.D
 Acq: 24 May 2017 14:42

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	6888		
332	128.7		76.6	115.0#
141	56.4		31.4	47.2#

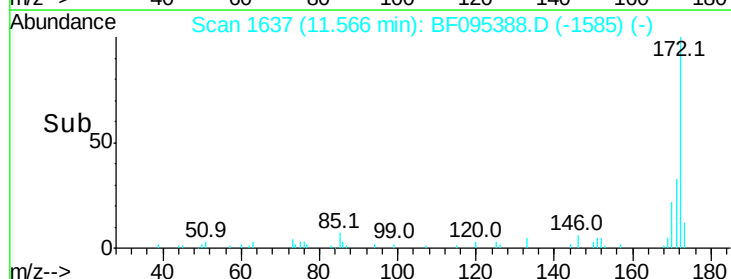
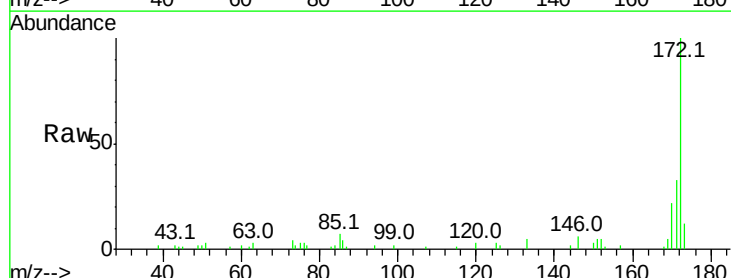
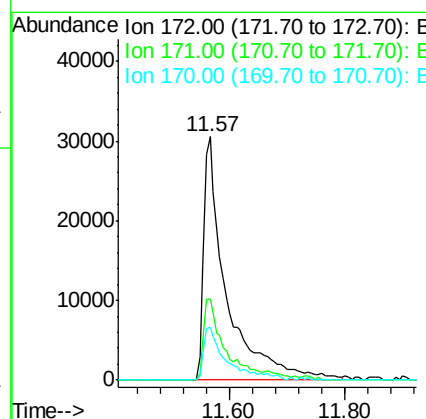
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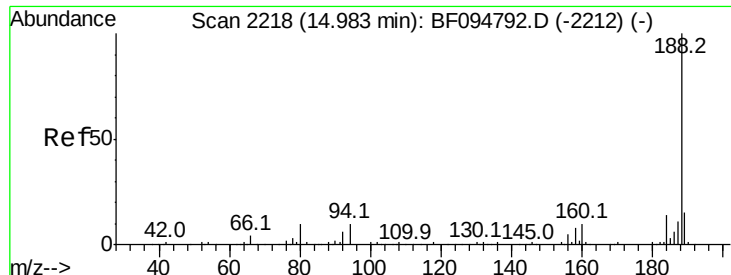
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#44
 2-Fluorobiphenyl
 Concen: 7.49 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: BF095388.D
 Acq: 24 May 2017 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	84396		
171	33.5		29.6	44.4
170	21.7		19.8	29.8





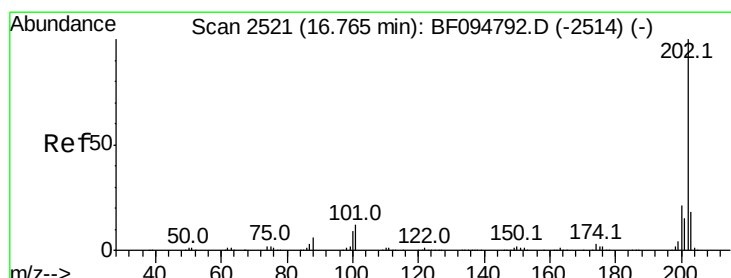
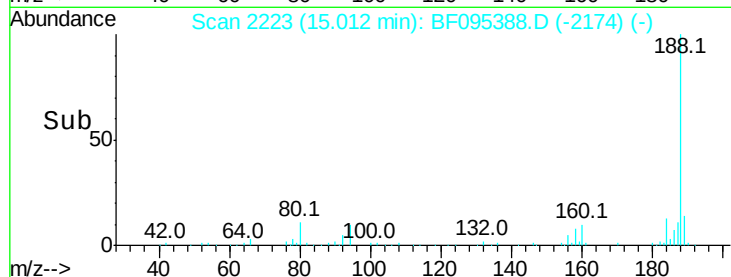
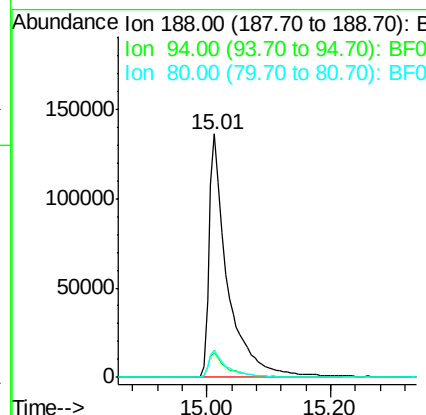
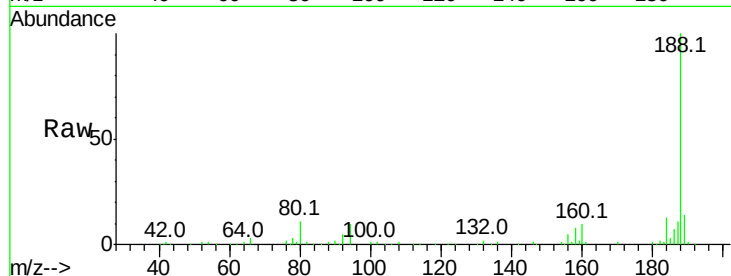
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	283351		
94	10.1		9.4	14.2
80	11.2		10.2	15.2

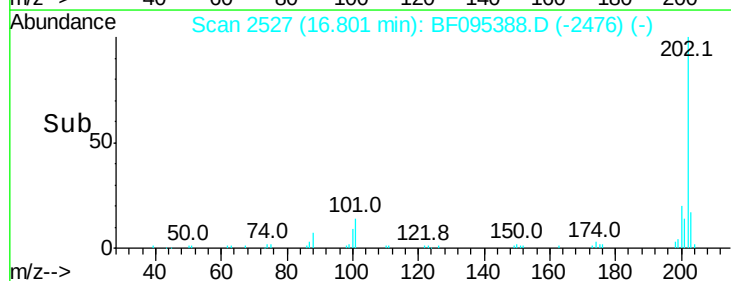
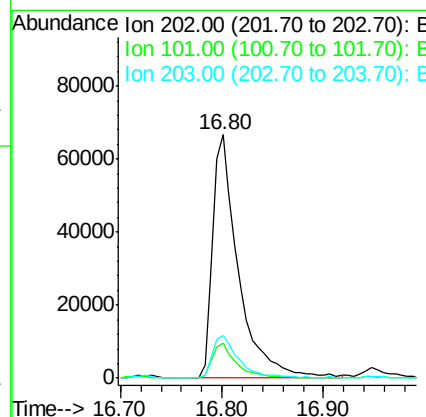
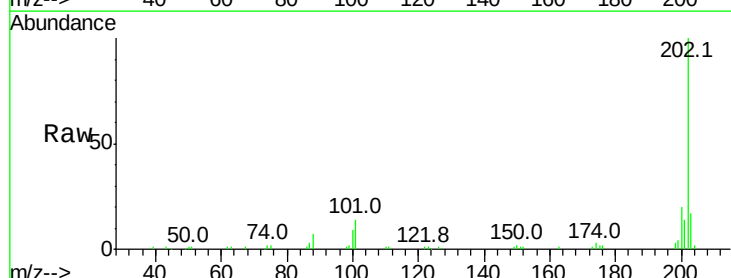
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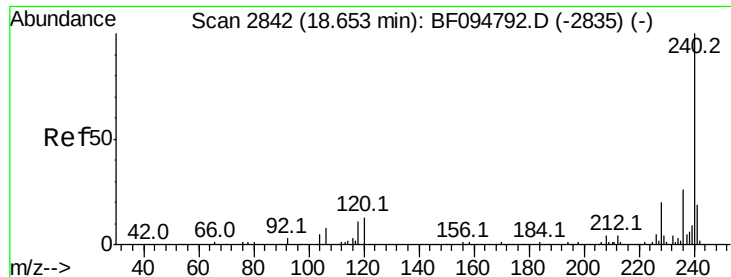
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#74
Fluoranthene
Concen: 7.06 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	117823		
101	14.3		0.0	33.2
203	17.5		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095388.D

Acq: 24 May 2017 14:42

Instrument :

BNA_F

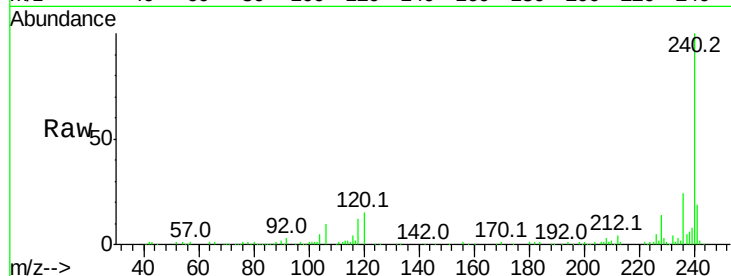
ClientSampleId :

TP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	24.5	20.5	30.7

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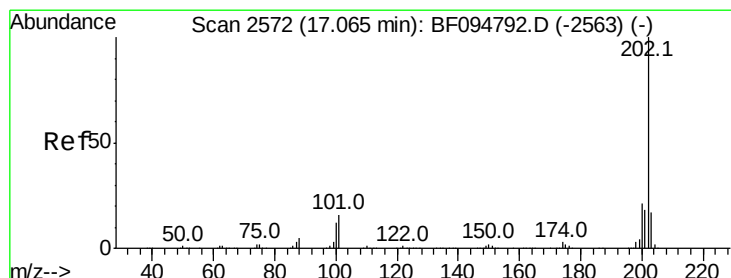
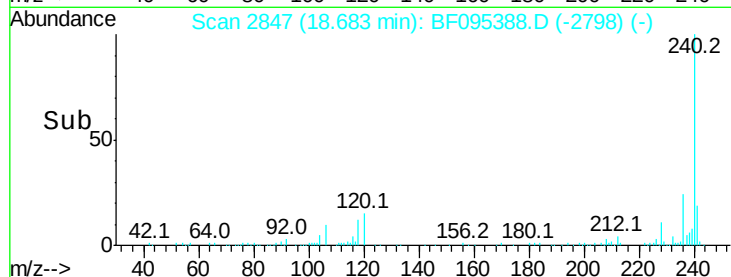
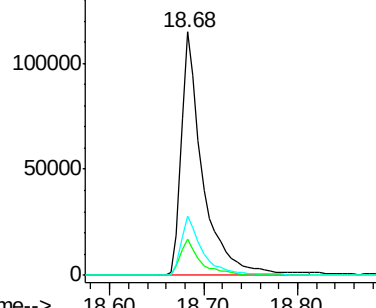
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 8.80 ng

RT: 17.10 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095388.D

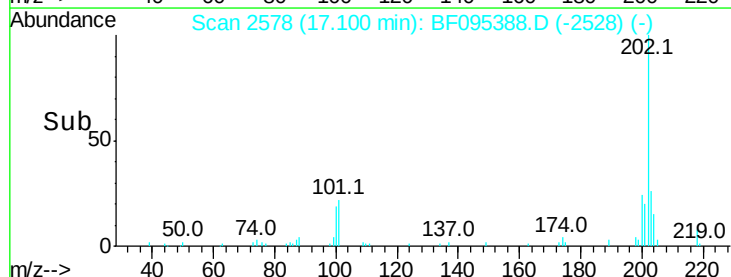
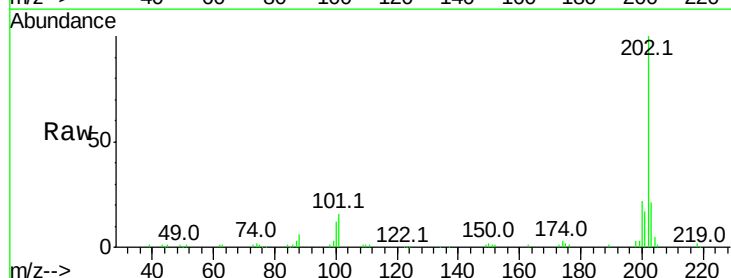
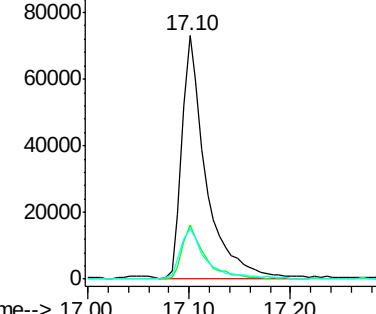
Acq: 24 May 2017 14:42

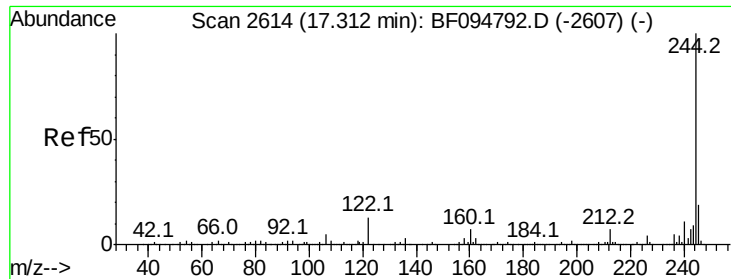
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	20.7	14.4	21.6

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





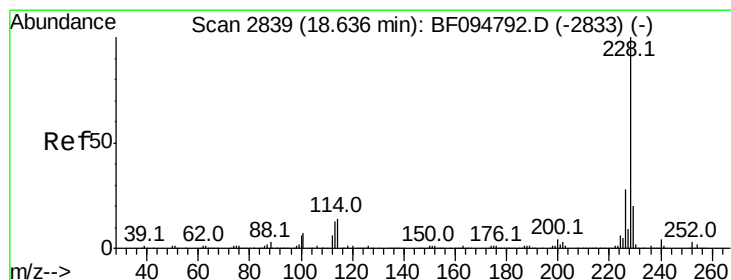
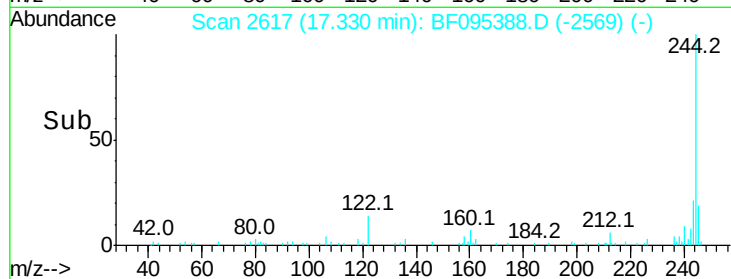
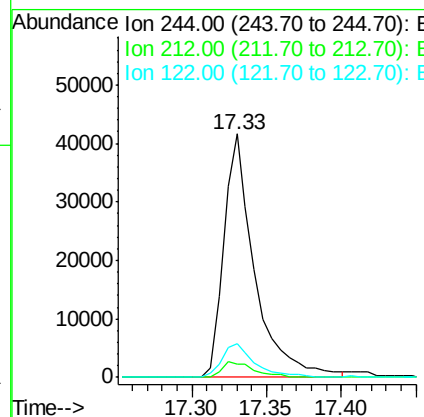
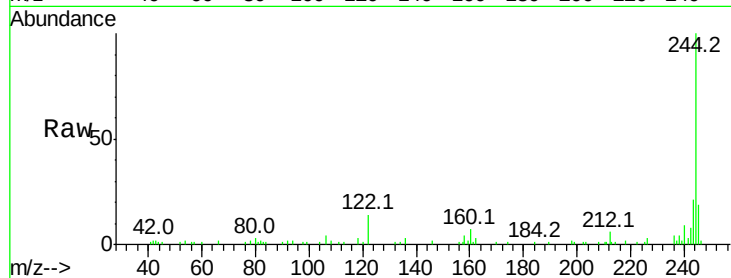
#78
 Terphenyl-d14
 Concen: 7.15 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095388.D
 Acq: 24 May 2017 14:42

Instrument :
 BNA_F
 ClientSampleID :
 TP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.6	6.0	9.0#
122	14.0	10.3	15.5

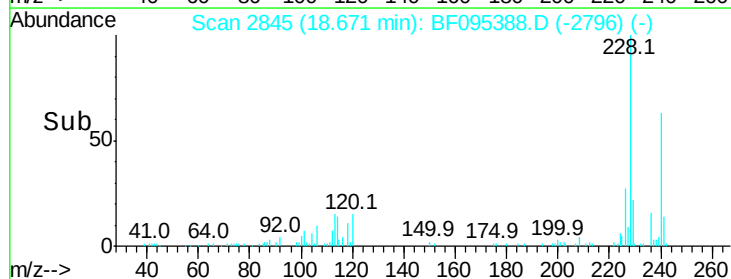
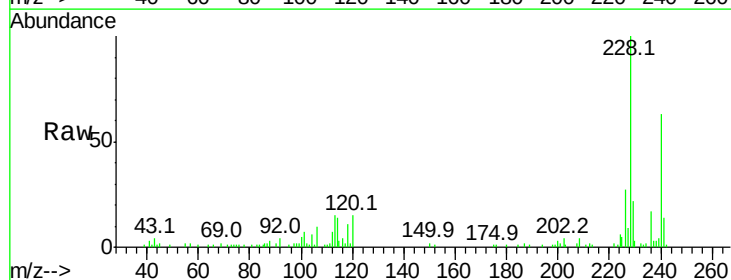
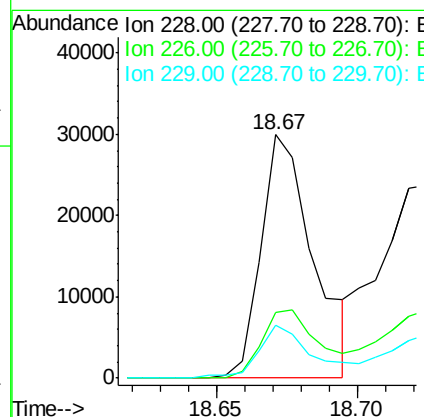
Manual Integrations
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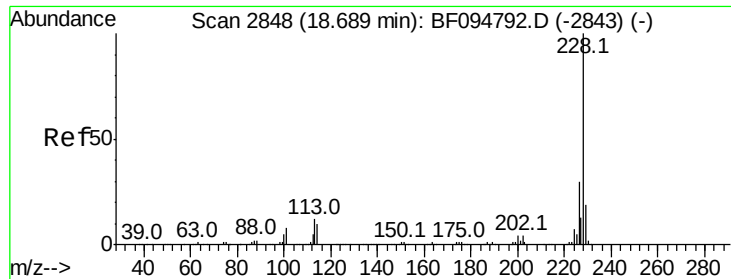
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#80
 Benzo(a)anthracene
 Concen: 3.57 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095388.D
 Acq: 24 May 2017 14:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	21.6	16.3	24.5





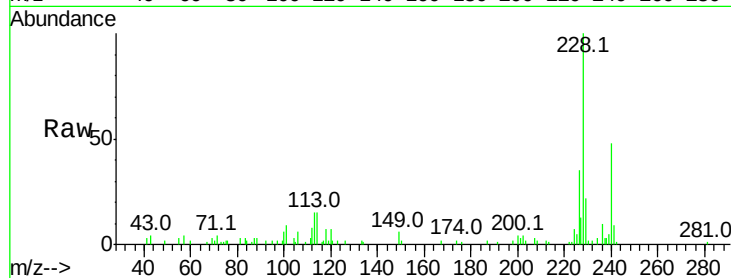
#82
Chrysene
Concen: 5.44 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :
TP-2

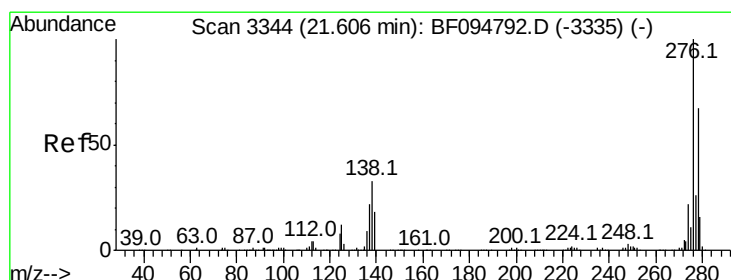
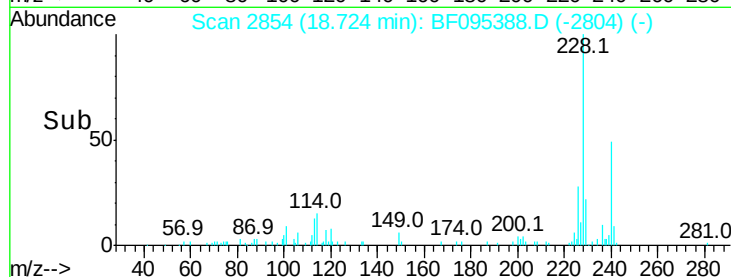
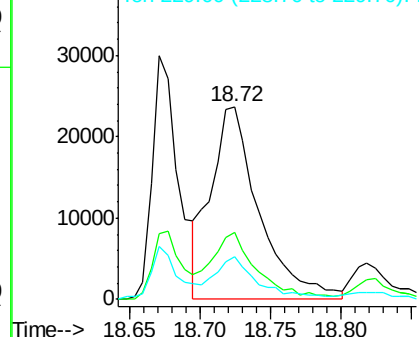
Tot Ion:228	Resp:	56691
Ion Ratio	Lower	Upper
228 100		
226 34.6	24.9	37.3
229 21.9	15.8	23.6

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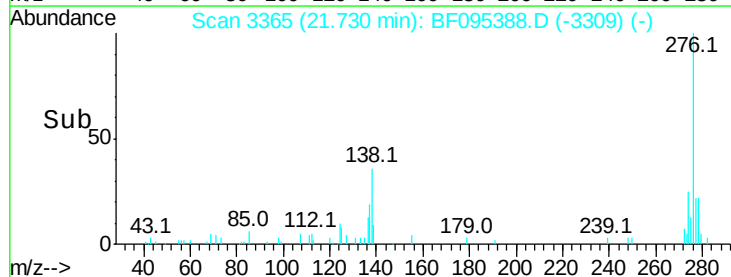
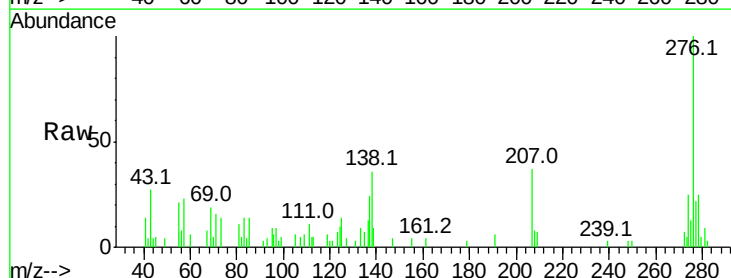
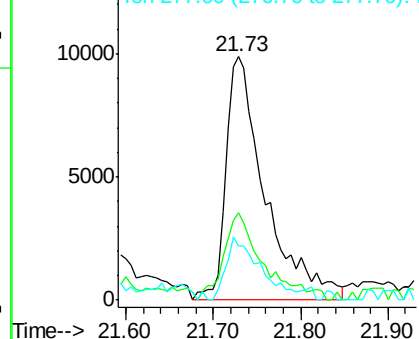
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

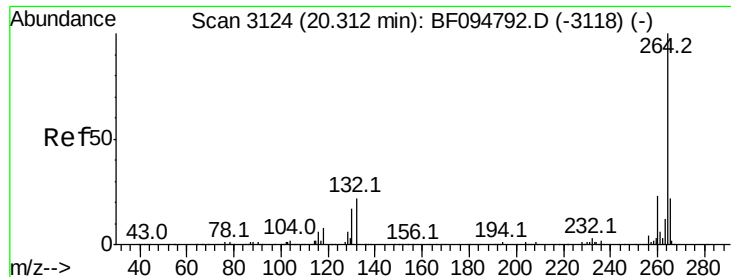


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.60 ng
RT: 21.73 min Scan# 3365
Delta R.T. 0.03 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:276	Resp:	30438
Ion Ratio	Lower	Upper
276 100		
138 36.1	27.8	41.6
277 22.3	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





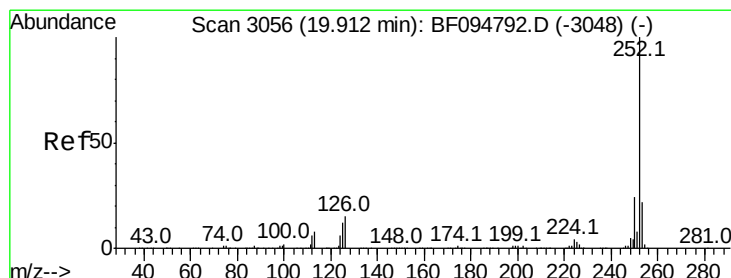
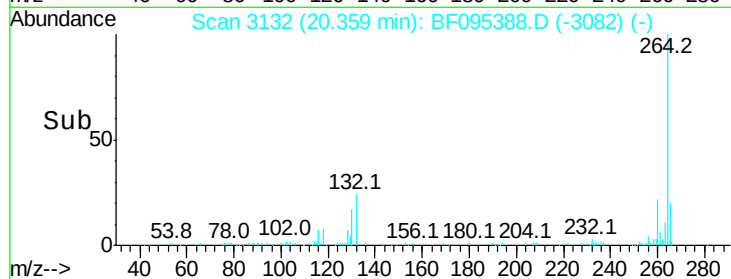
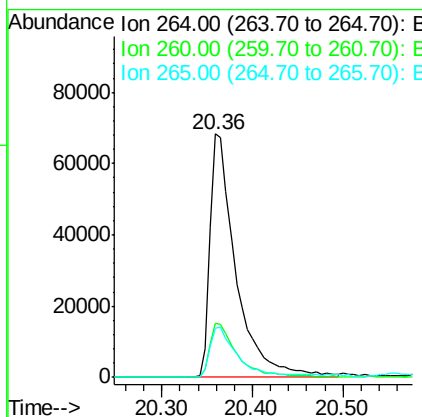
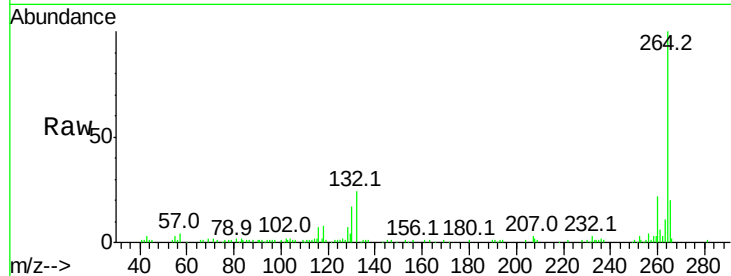
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	19.9	17.2	25.8

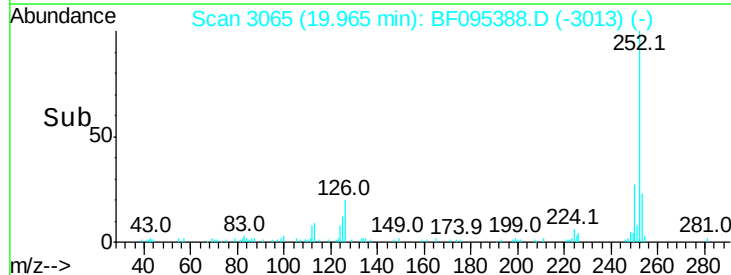
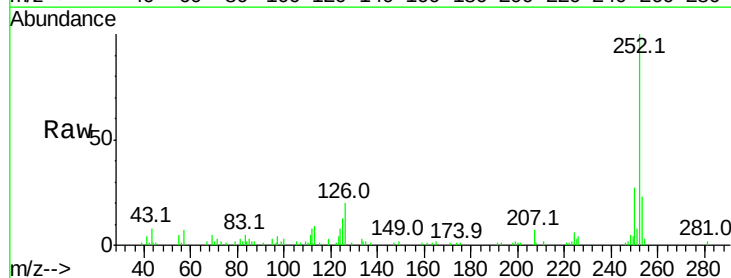
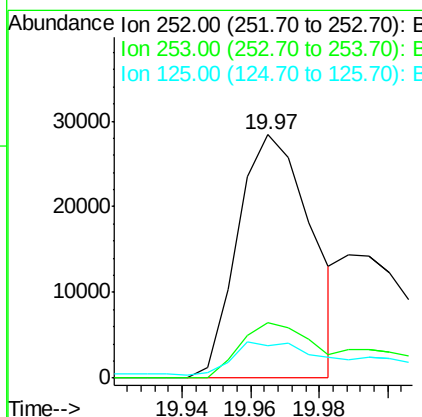
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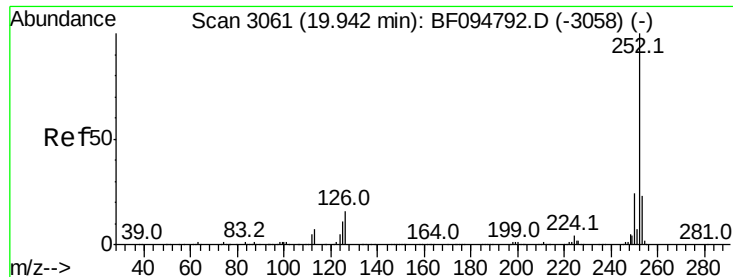
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#87
Benzo(b)fluoranthene
Concen: 5.01 ng m
RT: 19.97 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	13.2	9.8	14.8





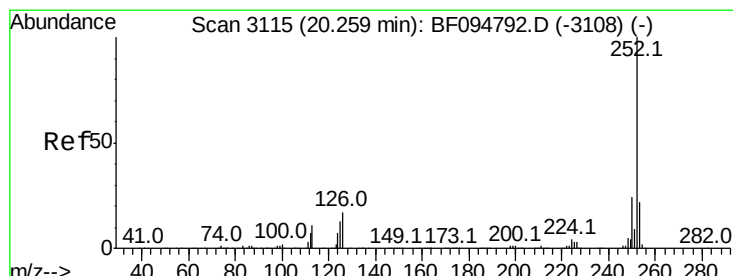
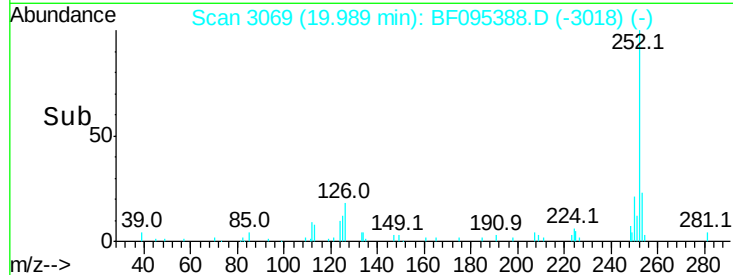
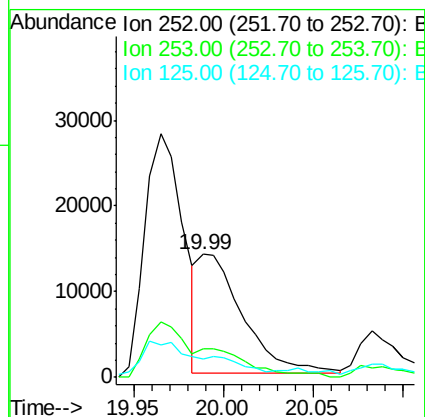
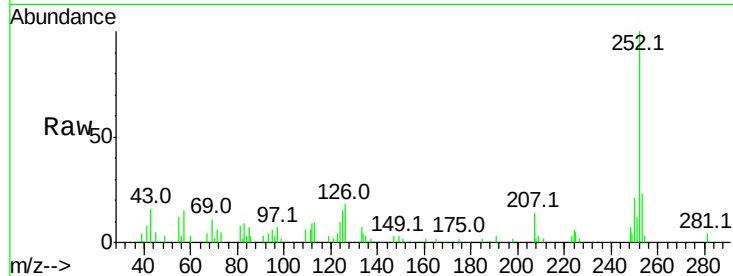
#88
Benzo(k)fluoranthene
Concen: 2.89 ng m
RT: 19.99 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	15.1	13.1	19.7

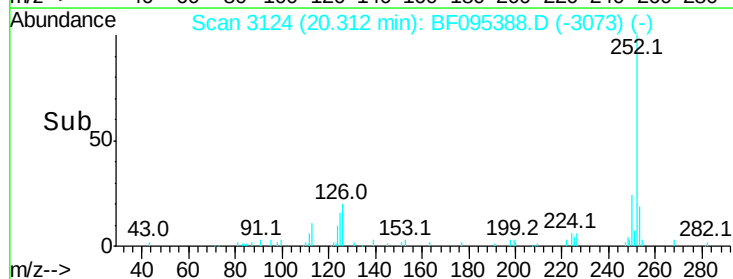
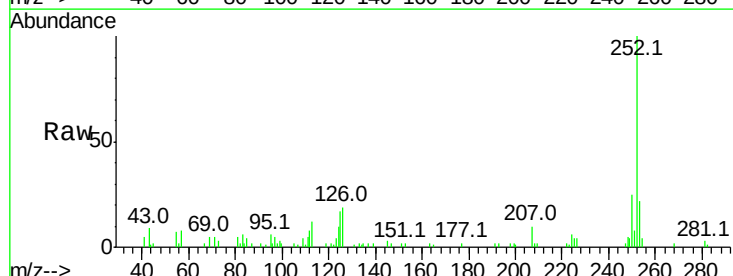
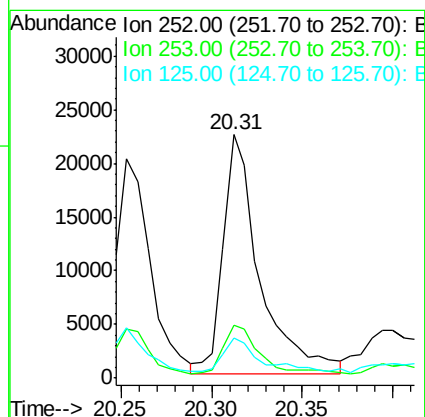
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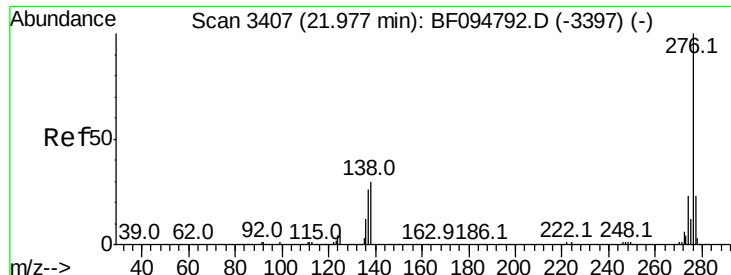
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#89
Benzo(a)pyrene
Concen: 4.02 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	16.6	11.0	16.4





#91

Benzo(a,h,i)perylene

Concen: 5.06 ng

RT: 22.12 min Scan# 3431

Delta R.T. 0.04 min

Lab File: BF095388.D

Acq: 24 May 2017 14:42

Instrument :

BNA_F

ClientSampleId :

TP-2

Tot Ion:	276	Resp:	32081
Ion Ratio	Lower	Upper	
276	100		
277	27.0	18.6	28.0
138	32.6	25.4	38.0

Manual Integrations
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