

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095286.D
 Acq On : 20 May 2017 3:32
 Operator : SJ/MA
 Sample : I3202-10 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10COMP

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Quant Time: May 22 11:15:34 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	90564	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	345403	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	125612	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	183666	20.00	ng	0.00
75) Chrysene-d12	18.69	240	182939	20.00	ng	0.00
86) Perylene-d12	20.37	264	135312	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.77	112	69559	12.81	ng	0.04
7) Phenol-d6	7.34	99	104969	16.11	ng	0.03
23) Nitrobenzene-d5	8.68	82	68869	12.57	ng	0.00
41) 2,4,6-Tribromophenol	13.93	330	13385	13.01	ng	0.01
44) 2-Fluorobiphenyl	11.55	172	155274	17.79	ng	0.00
78) Terphenyl-d14	17.33	244	95190	11.46	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	12.26	163	23764	2.30	ng	# 96
70) Phenanthrene	15.05	178	76406	7.24	ng	98
74) Fluoranthene	16.79	202	147153	13.59	ng	96
77) Pyrene	17.10	202	118122	8.63	ng	96
80) Benzo(a)anthracene	18.68	228	50730	4.76	ng	95
82) Chrysene	18.72	228	54715m	5.31	ng	
87) Benzo(b)fluoranthene	19.96	252	46692m	5.58	ng	
89) Benzo(a)pyrene	20.31	252	30024	3.89	ng	# 86
91) Benzo(g,h,i)perylene	22.11	276	13927	2.23	ng	# 91

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

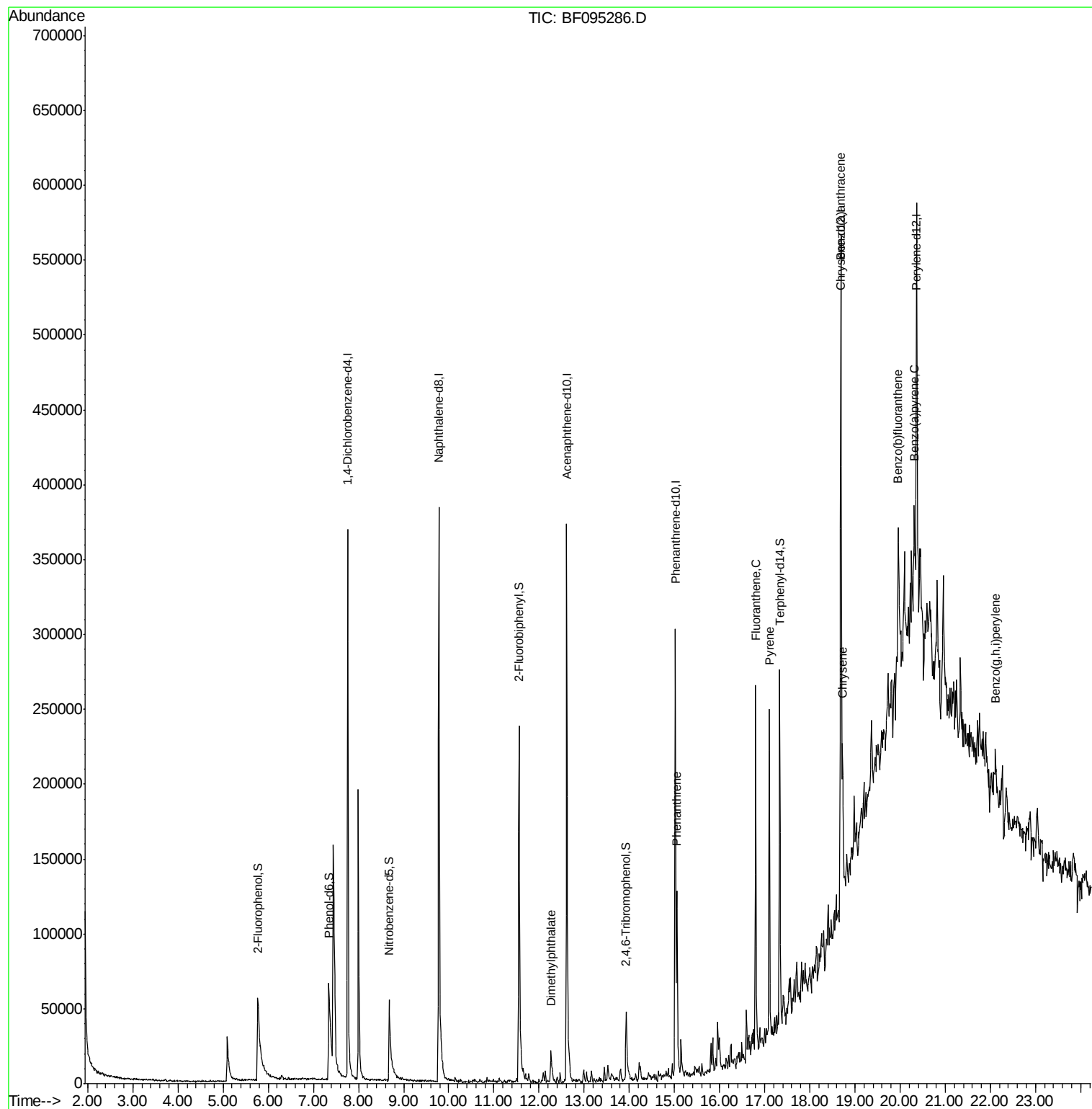
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095286.D
Acq On : 20 May 2017 3:32
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Misc :
ALS Vial : 22 Sample Multiplier: 1

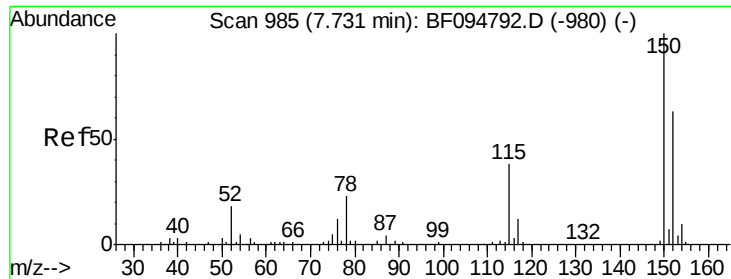
Instrument :
BNA_F
ClientSampleId :
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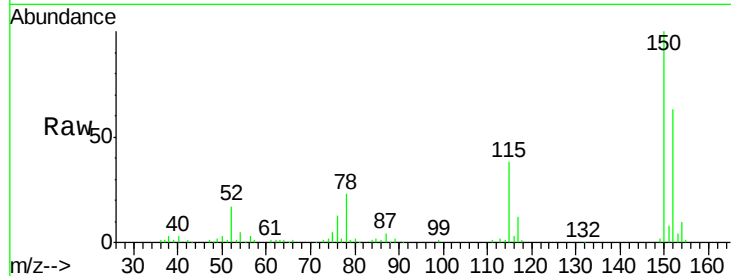




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095286.D
Acq: 20 May 2017 3:32

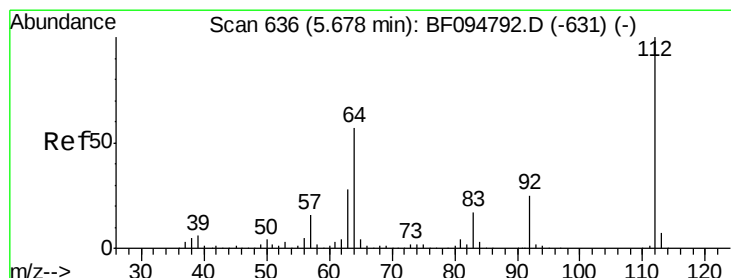
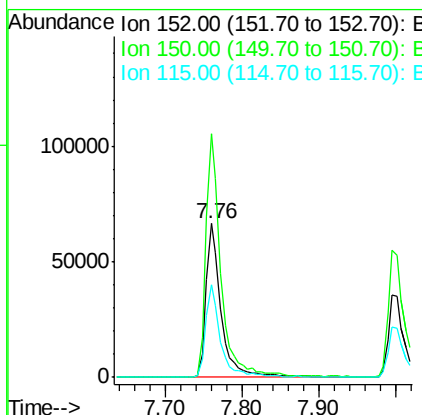
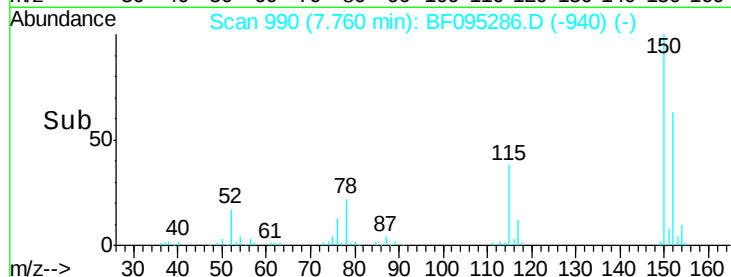
Instrument :
BNA_F
ClientSampleId :
SB-10COMP



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	60.1	52.2	78.2

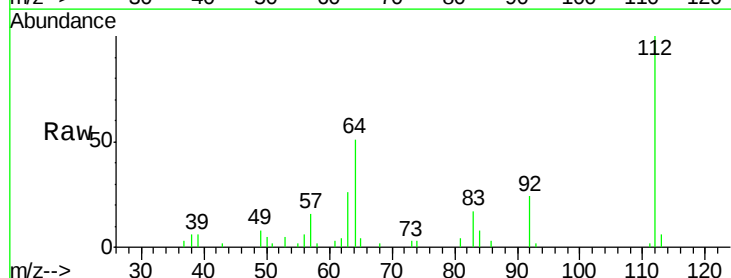
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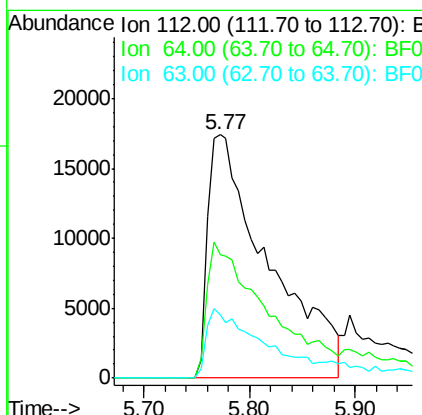
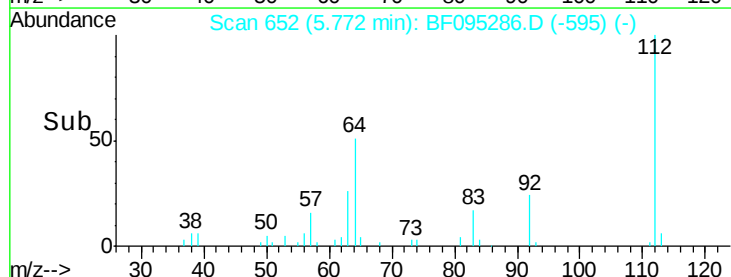


#5

2-Fluorophenol
Concen: 12.81 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.04 min
Lab File: BF095286.D
Acq: 20 May 2017 3:32



Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	46.0	69.0
63	25.9	23.4	35.0





#7

Phenol-d6

Concen: 16.11 ng

RT: 7.34 min Scan# 919

Delta R.T. 0.03 min

Lab File: BF095286.D

Acq: 20 May 2017 3:32

Instrument :

BNA_F

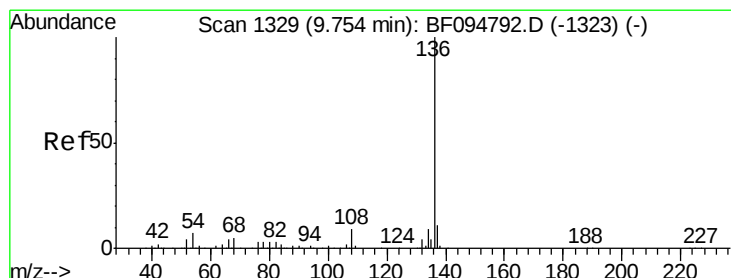
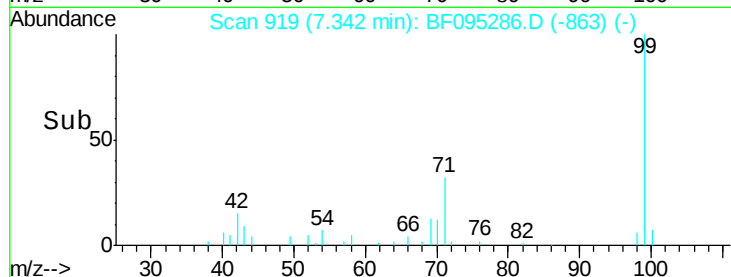
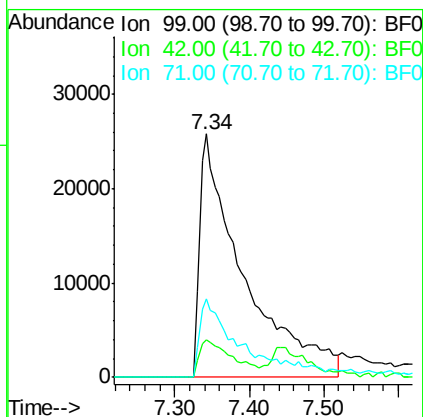
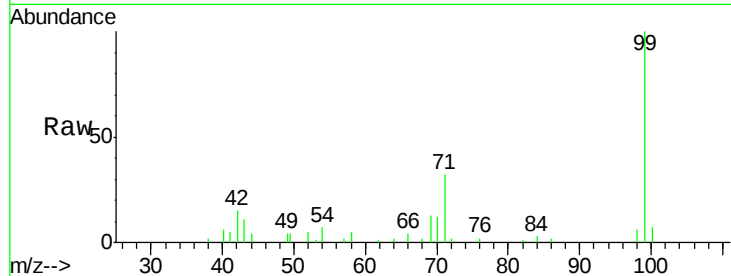
ClientSampleId :

SB-10COMP

Tgt Ion:	99	Resp:	104969
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	32.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

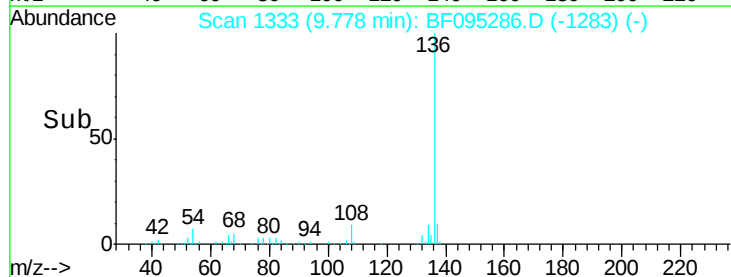
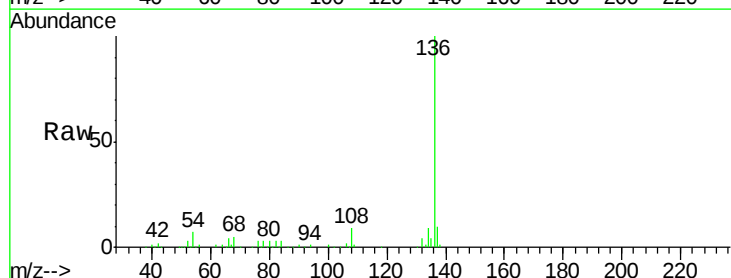
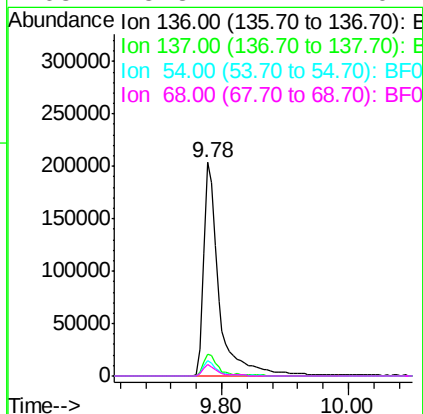
RT: 9.78 min Scan# 1333

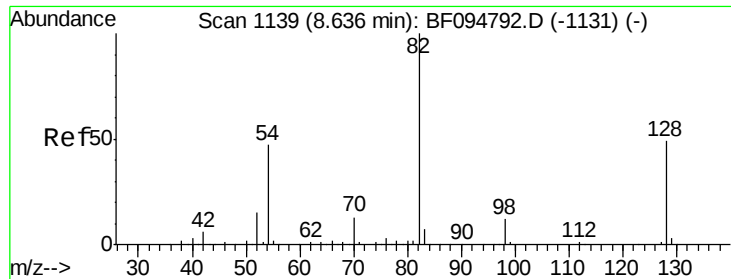
Delta R.T. -0.01 min

Lab File: BF095286.D

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Tgt Ion:	136	Resp:	345403
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	7.0	4.9	7.3
68	5.3	4.1	6.1





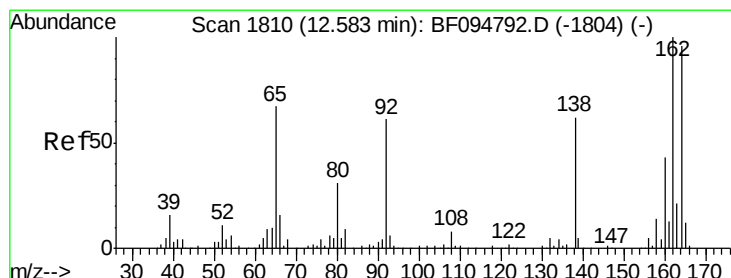
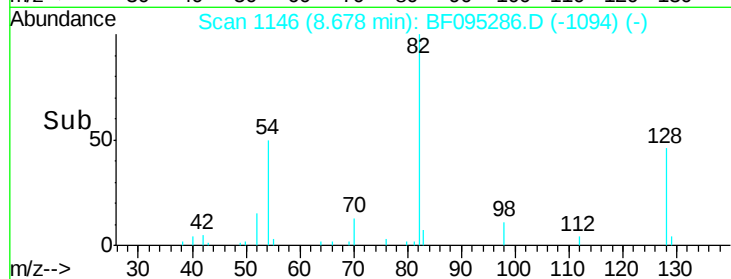
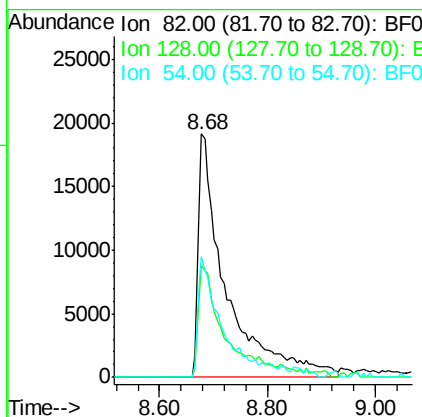
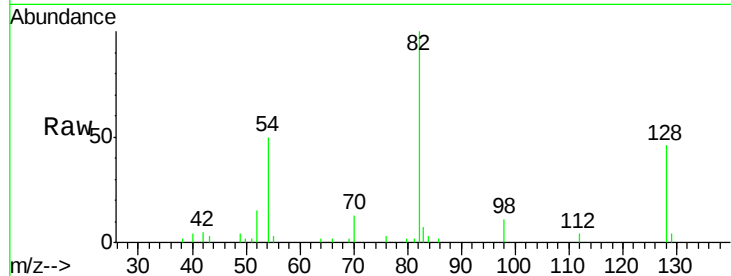
#23
 Nitrobenzene-d5
 Concen: 12.57 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF095286.D
 Acq: 20 May 2017 3:32

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	49.8	42.2	63.2

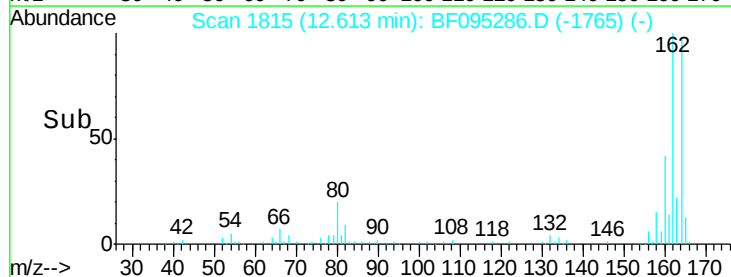
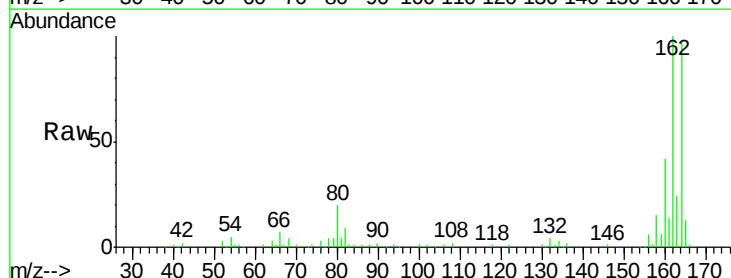
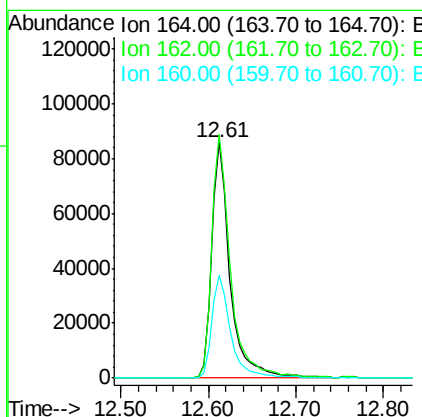
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095286.D
 Acq: 20 May 2017 3:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	43.4	36.2	54.2





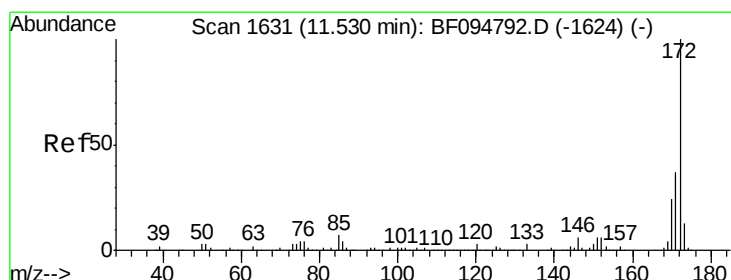
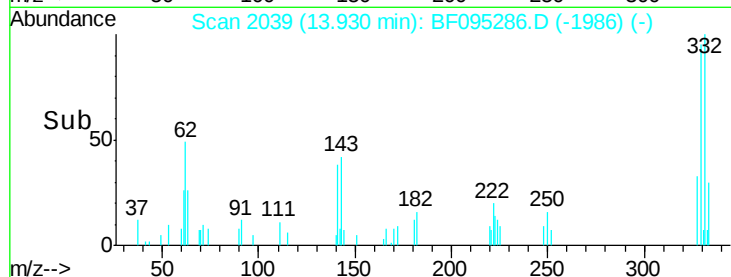
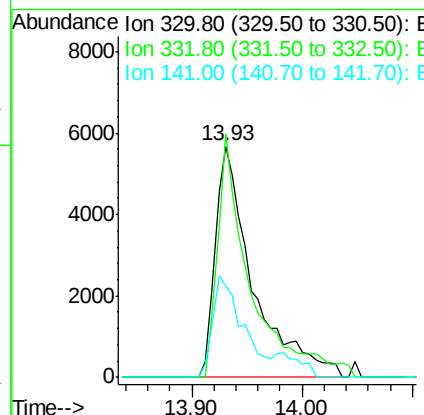
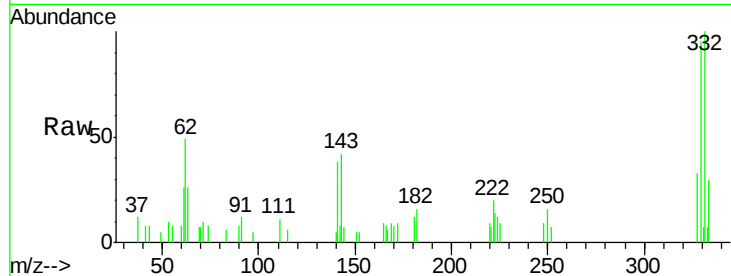
#41
 2,4,6-Tribromophenol
 Concen: 13.01 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF095286.D
 Acq: 20 May 2017 3:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-10COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	13385		
332	91.9	76.6	115.0	
141	35.4	31.4	47.2	

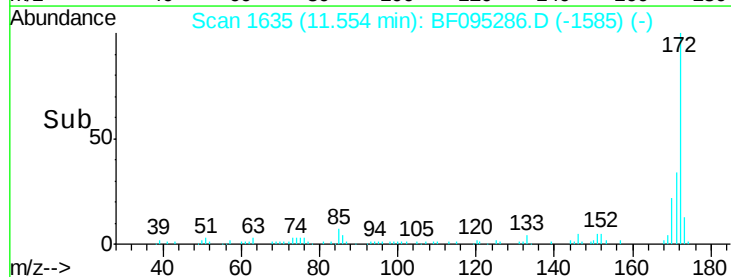
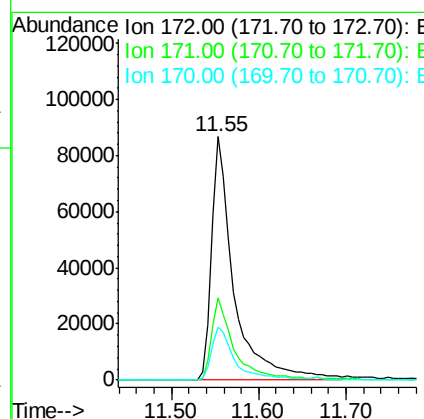
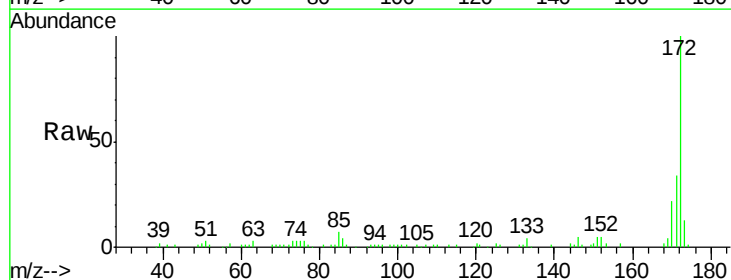
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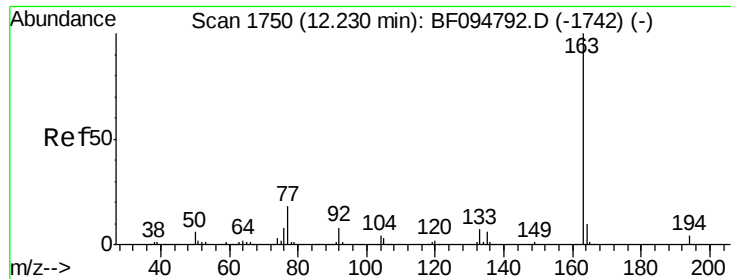
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#44
 2-Fluorobiphenyl
 Concen: 17.79 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095286.D
 Acq: 20 May 2017 3:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	155274		
171	33.6	29.6	44.4	
170	21.6	19.8	29.8	





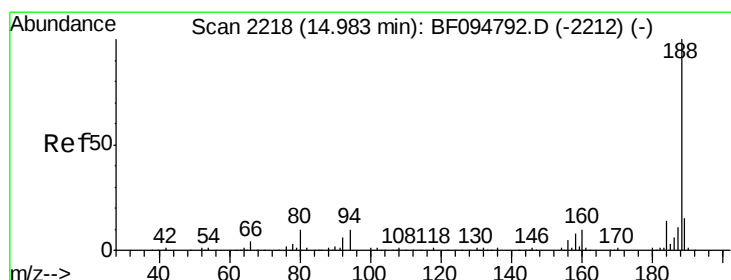
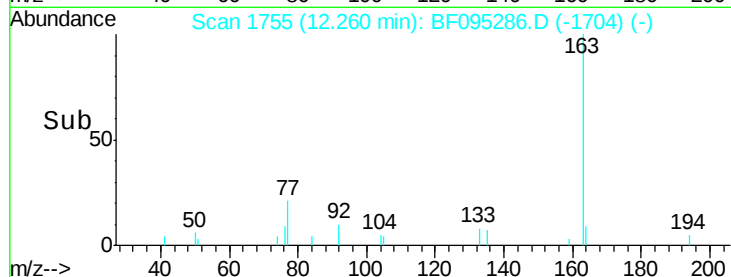
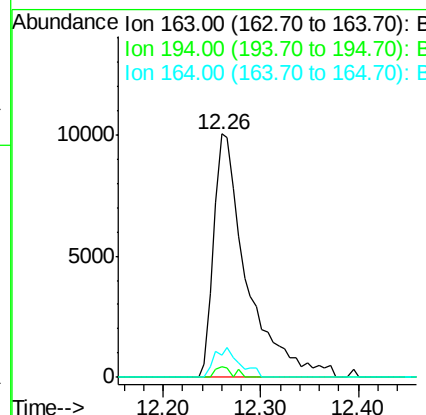
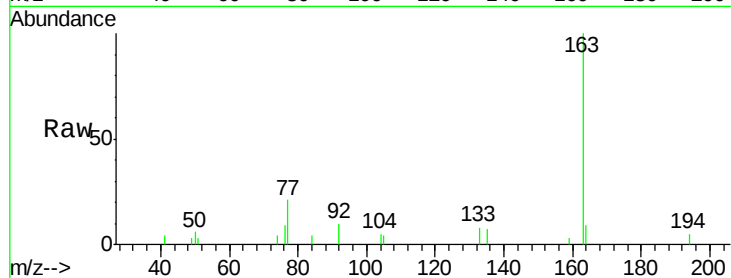
#49
Dimethylphthalate
Concen: 2.30 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF095286.D
Acq: 20 May 2017 3:32

Instrument :
BNA_F
ClientSampled :
SB-10COMP

Tgt Ion:163 Resp: 23764
Ion Ratio Lower Upper
163 100
194 4.6 2.6 4.0#
164 9.1 8.4 12.6

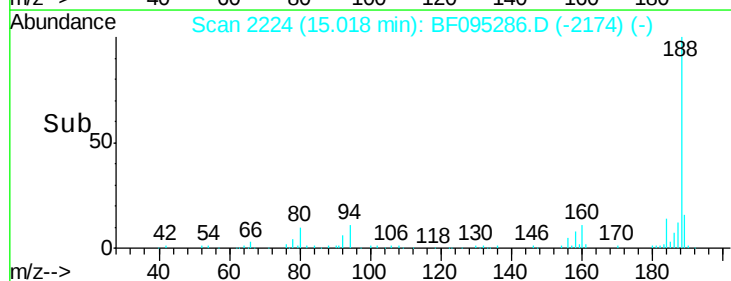
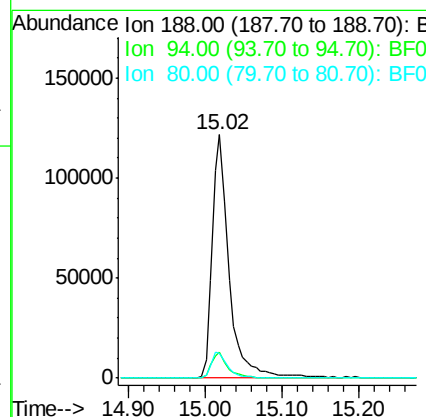
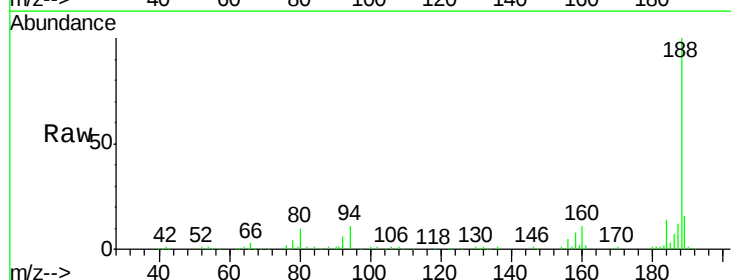
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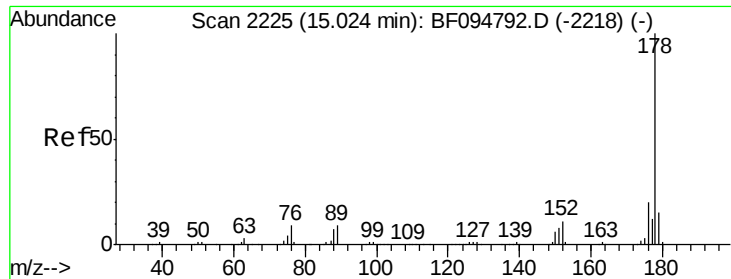
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095286.D
Acq: 20 May 2017 3:32

Tgt Ion:188 Resp: 183666
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.4 10.2 15.2





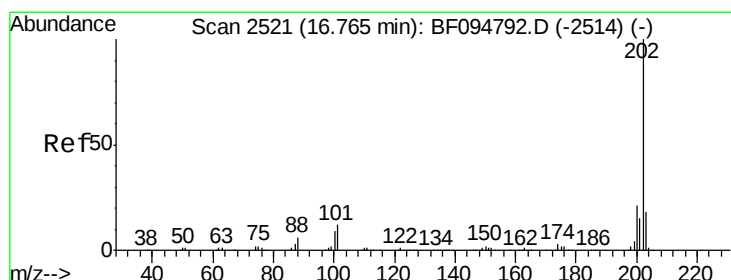
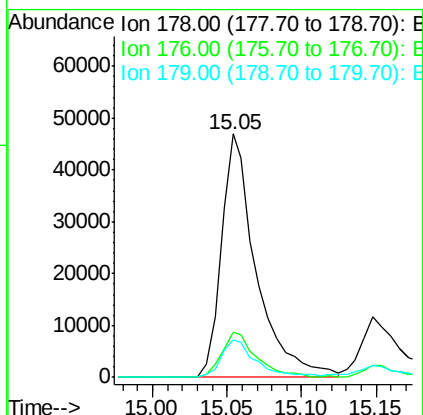
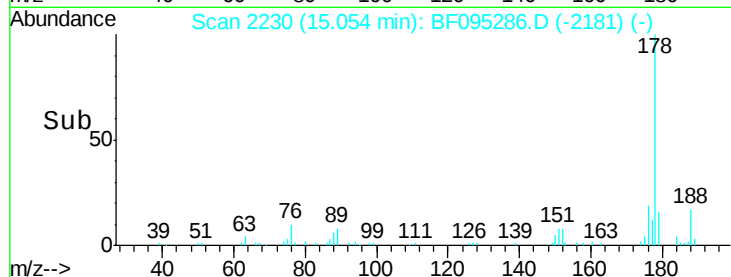
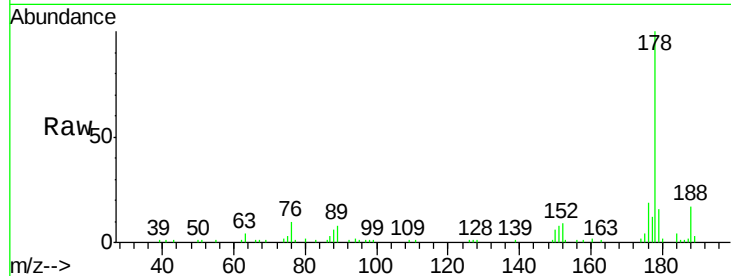
#70
Phenanthrene
Concen: 7.24 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095286.D
Acq: 20 May 2017 3:32

Instrument :
BNA_F
ClientSampleId :
SB-10COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.6	12.6	19.0

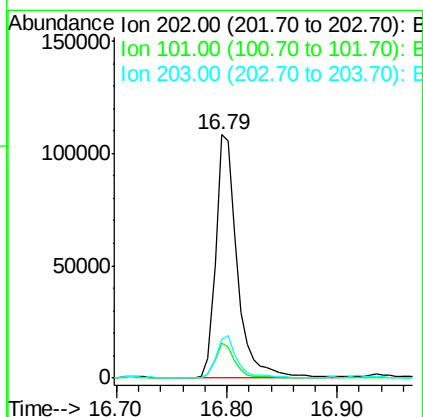
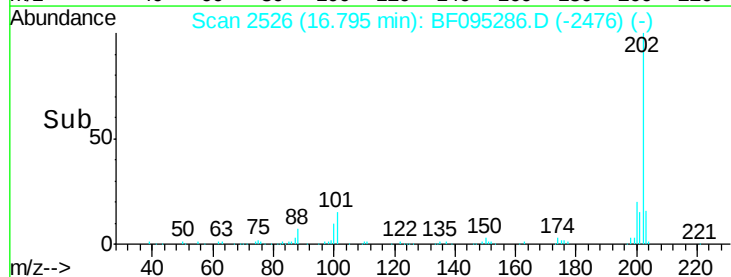
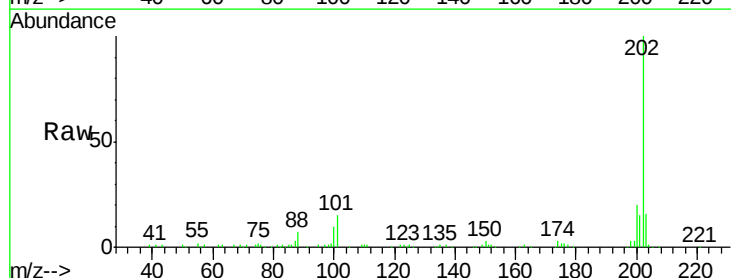
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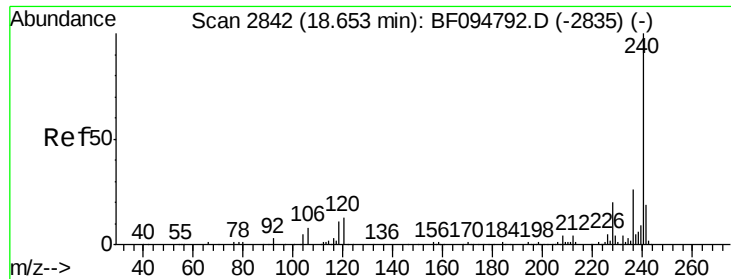
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#74
Fluoranthene
Concen: 13.59 ng
RT: 16.79 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095286.D
Acq: 20 May 2017 3:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	16.1	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: BF095286.D

Acq: 20 May 2017 3:32

Instrument :

BNA_F

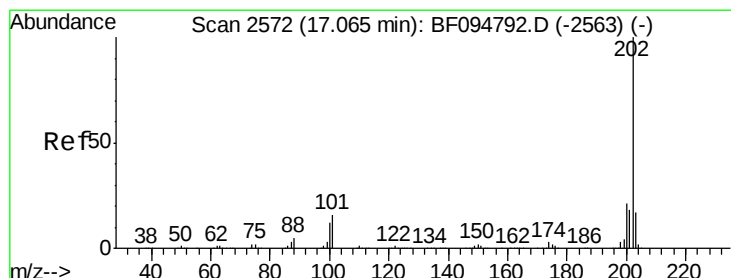
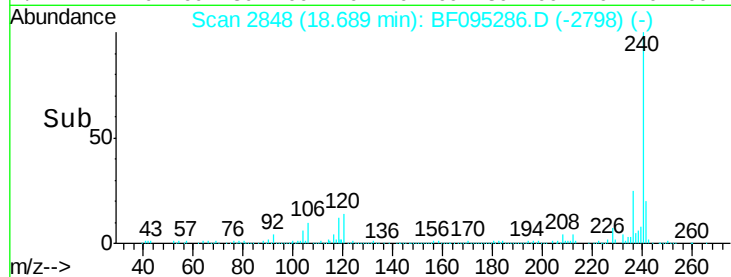
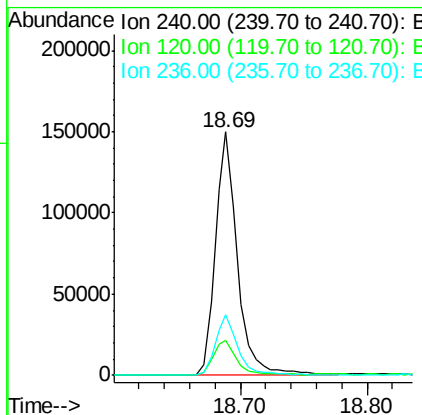
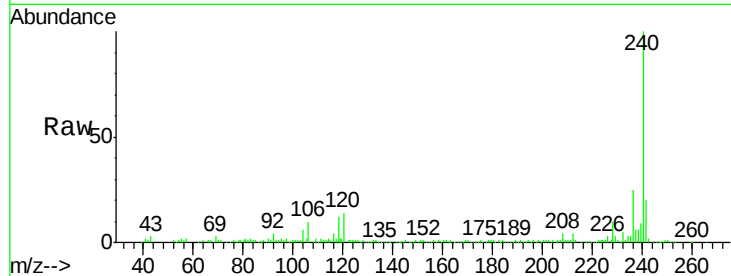
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.1	20.5	30.7

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#77

Pyrene

Concen: 8.63 ng

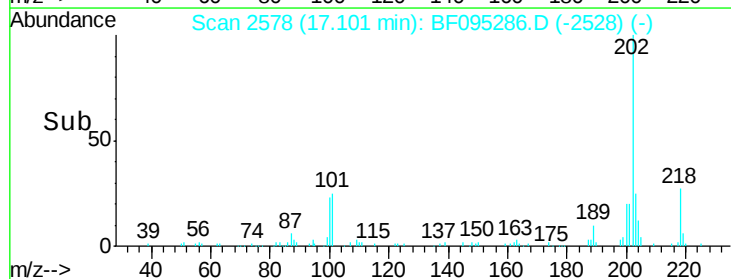
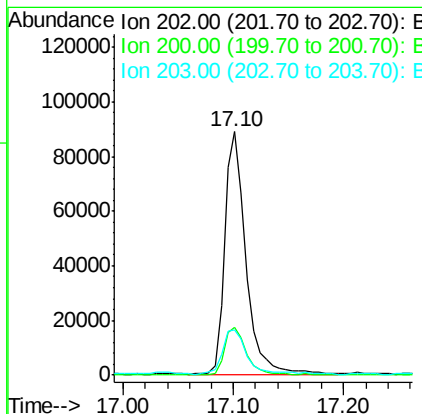
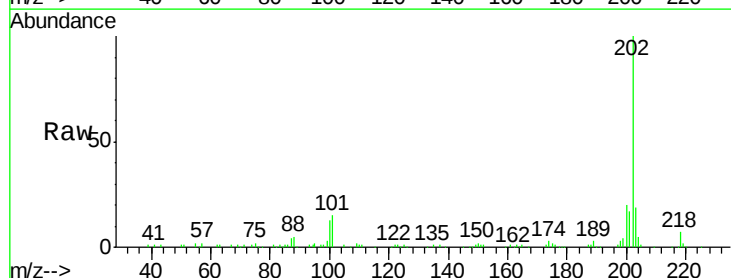
RT: 17.10 min Scan# 2578

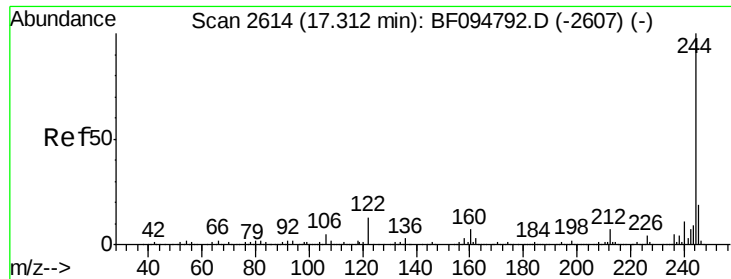
Delta R.T. -0.01 min

Lab File: BF095286.D

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Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.6	26.4
203	18.8	14.4	21.6





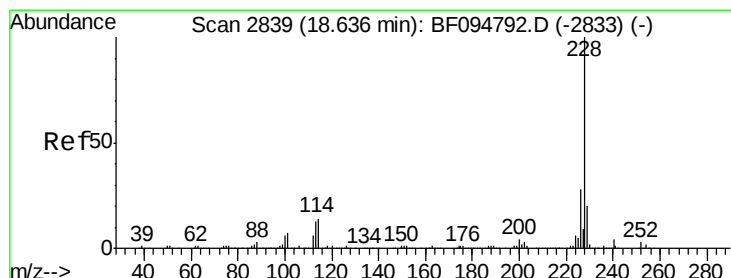
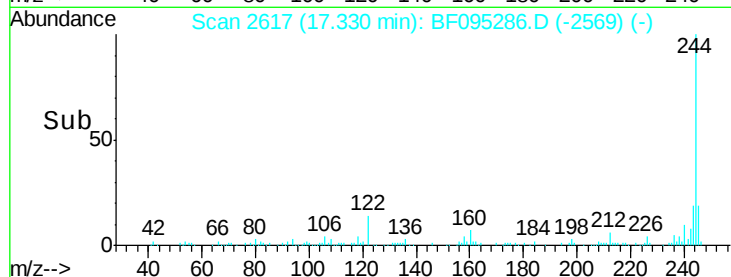
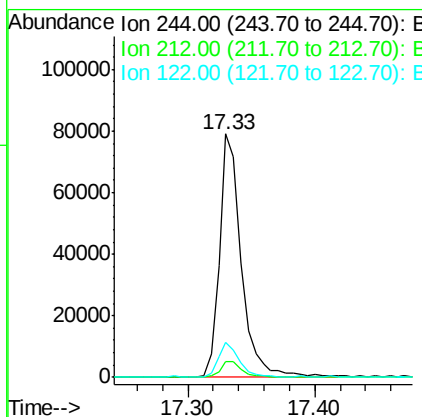
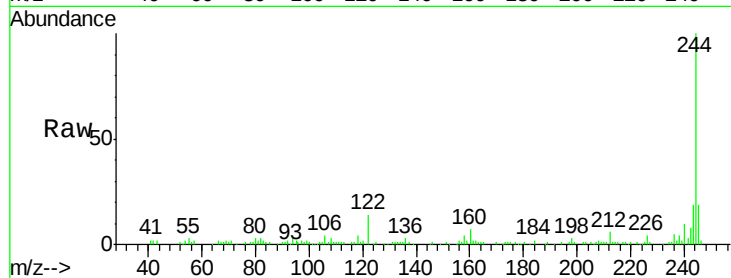
#78
 Terphenyl-d14
 Concen: 11.46 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095286.D
 Acq: 20 May 2017 3:32

Instrument :
 BNA_F
 ClientSampled :
 SB-10COMP

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	95190		
212	6.4	6.0	9.0	
122	14.3	10.3	15.5	

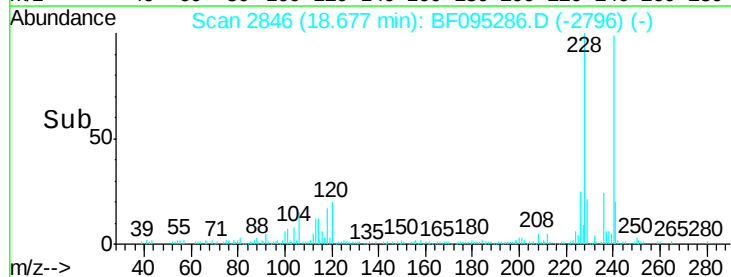
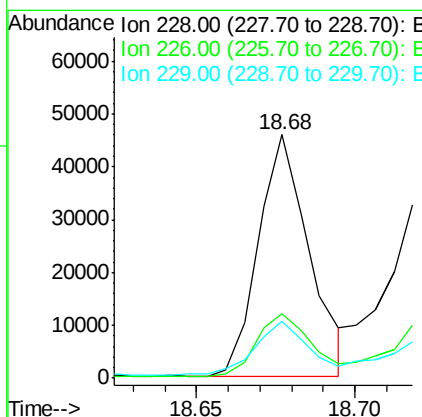
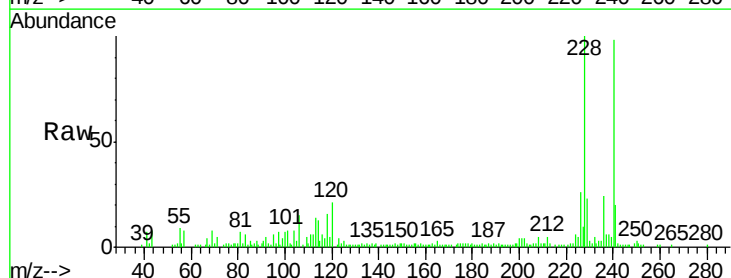
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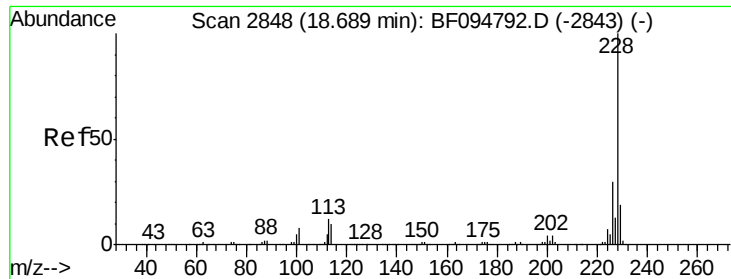
mohammad
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#80
 Benzo(a)anthracene
 Concen: 4.76 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095286.D
 Acq: 20 May 2017 3:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	50730		
226	26.3	22.6	33.8	
229	23.2	16.3	24.5	





#82

Chrysene

Concen: 5.31 ng m

RT: 18.72 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BF095286.D

Acq: 20 May 2017 3:32

Instrument :

BNA_F

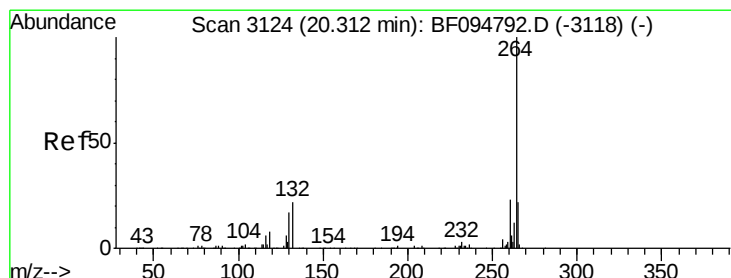
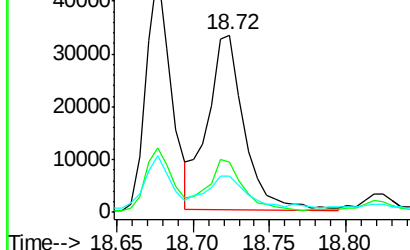
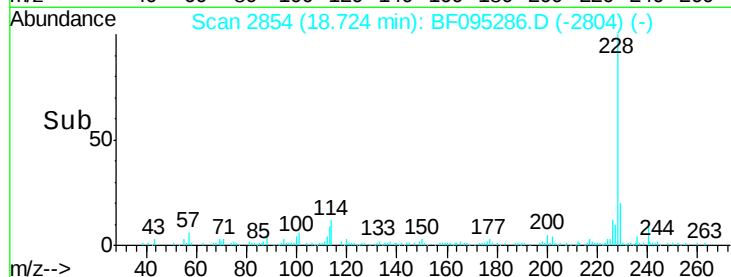
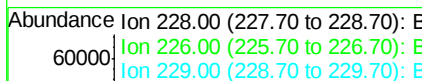
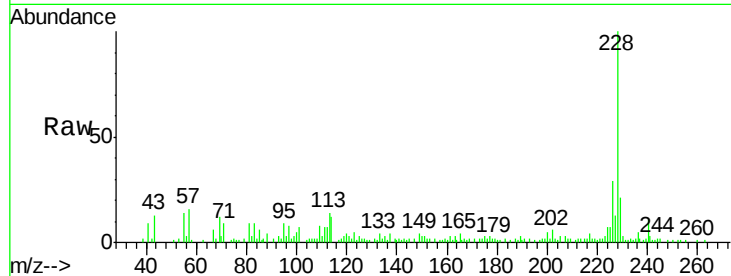
ClientSampleId :

SB-10COMP

Tgt Ion:	228	Resp:	54715
Ion Ratio	Lower	Upper	
228	100		
226	28.6	24.9	37.3
229	20.6	15.8	23.6

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#86

Perylene-d12

Concen: 20.00 ng

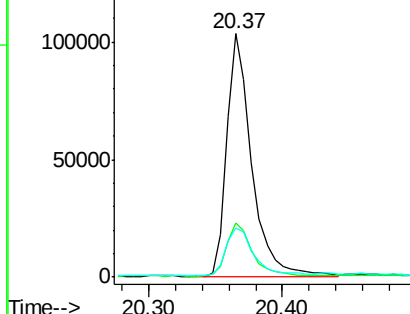
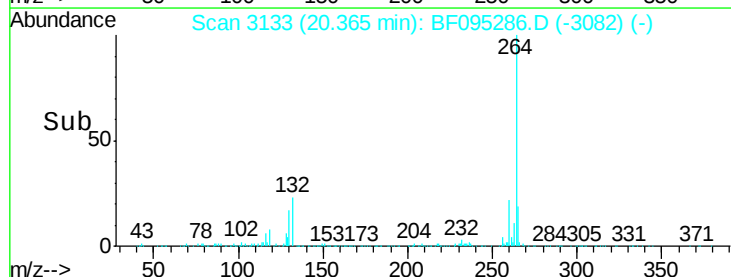
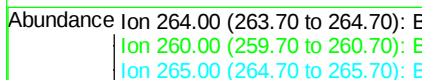
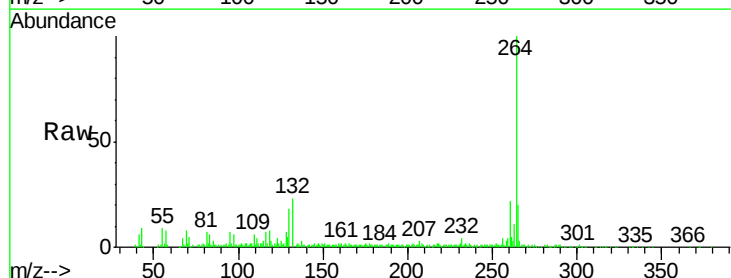
RT: 20.37 min Scan# 3133

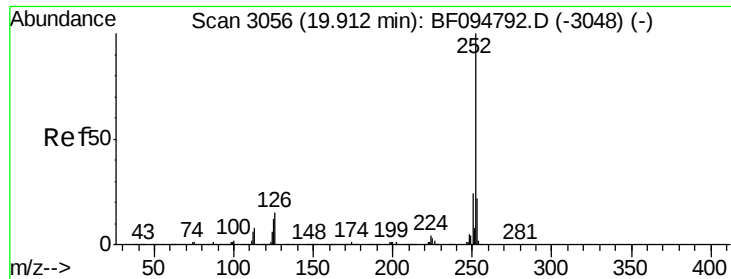
Delta R.T. 0.00 min

Lab File: BF095286.D

Acq: 20 May 2017 3:32

Tgt Ion:	264	Resp:	135312
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.5	29.3
265	20.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 5.58 ng m

RT: 19.96 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BF095286.D

Acq: 20 May 2017 3:32

Instrument :

BNA_F

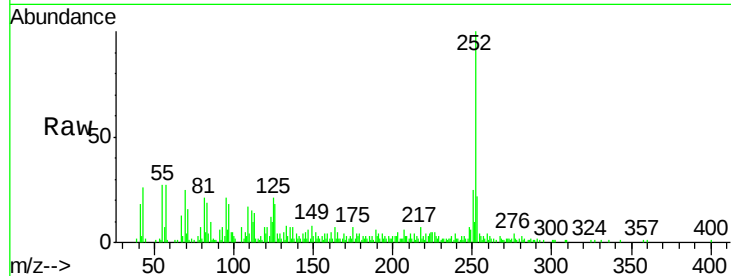
ClientSampleId :

SB-10COMP

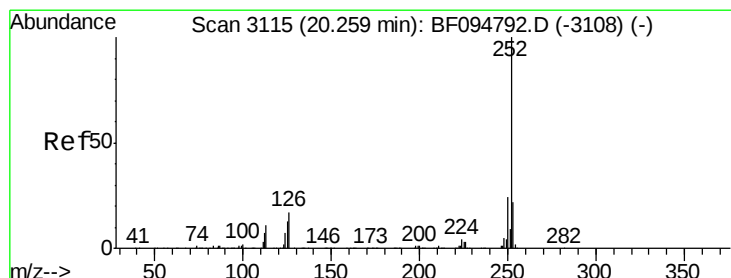
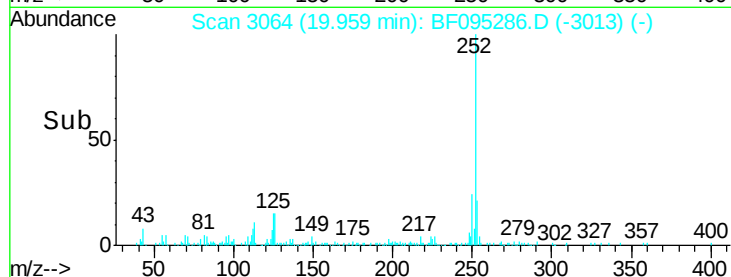
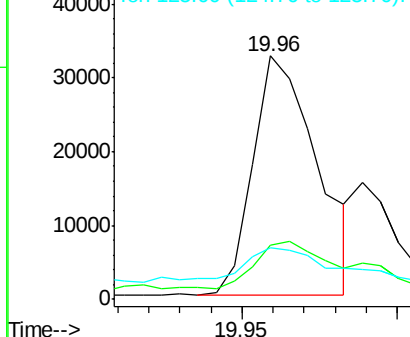
Tgt Ion:	252	Resp:	46692
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	21.2	9.8	14.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 3.89 ng

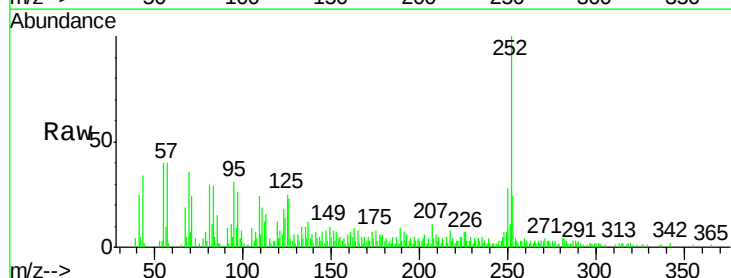
RT: 20.31 min Scan# 3124

Delta R.T. 0.00 min

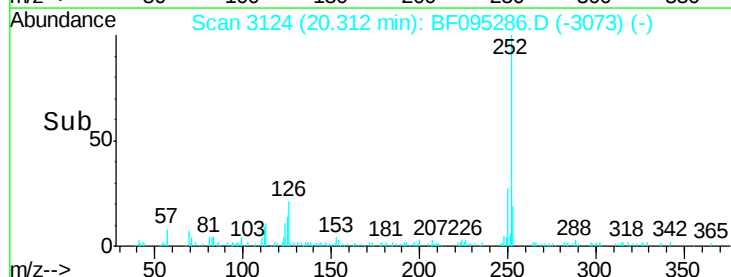
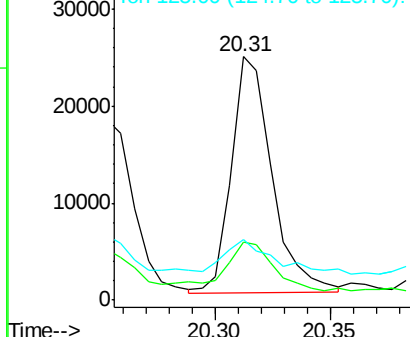
Lab File: BF095286.D

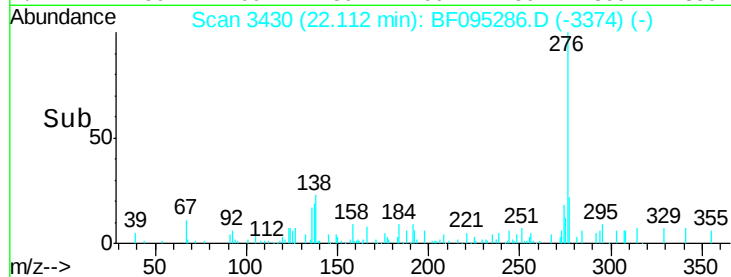
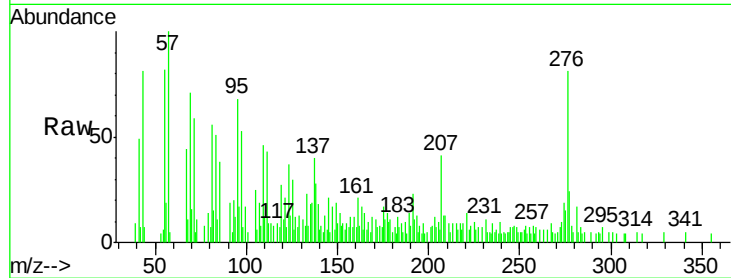
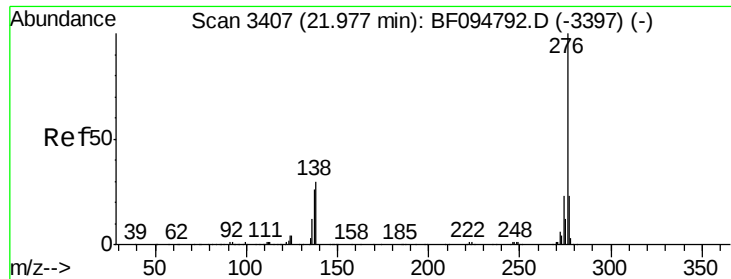
Acq: 20 May 2017 3:32

Tgt Ion:	252	Resp:	30024
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.5	26.3
125	25.0	11.0	16.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.23 ng

RT: 22.11 min Scan# 3430

Delta R.T. 0.03 min

Lab File: BF095286.D

Acq: 20 May 2017 3:32

Instrument :

BNA_F

ClientSampleId :

SB-10COMP

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.7	18.6	28.0#
138	35.0	25.4	38.0

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