

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095277.D
 Acq On : 19 May 2017 22:43
 Operator : SJ/MA
 Sample : I3202-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11COMP

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Quant Time: May 20 02:08:11 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	94646	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	421449	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	200230	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	375719	20.00	ng	0.00
75) Chrysene-d12	18.69	240	274450	20.00	ng	0.00
86) Perylene-d12	20.37	264	180331	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.73	112	715024	125.95	ng	0.00
7) Phenol-d6	7.31	99	889774	130.63	ng	0.00
23) Nitrobenzene-d5	8.67	82	538532	80.58	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	224019	136.61	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1084675	77.97	ng	0.00
78) Terphenyl-d14	17.34	244	909235	72.97	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	12.25	163	227834	13.86	ng	98
70) Phenanthrene	15.05	178	158025	7.32	ng	96
74) Fluoranthene	16.80	202	113853	5.14	ng	99
77) Pyrene	17.11	202	149555	7.29	ng	97
80) Benzo(a)anthracene	18.68	228	46343	2.90	ng	97
82) Chrysene	18.72	228	49743	3.22	ng	96
87) Benzo(b)fluoranthene	19.97	252	31295m	2.81	ng	
89) Benzo(a)pyrene	20.32	252	25805	2.51	ng	97
91) Benzo(g,h,i)perylene	22.13	276	16957	2.03	ng	94

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

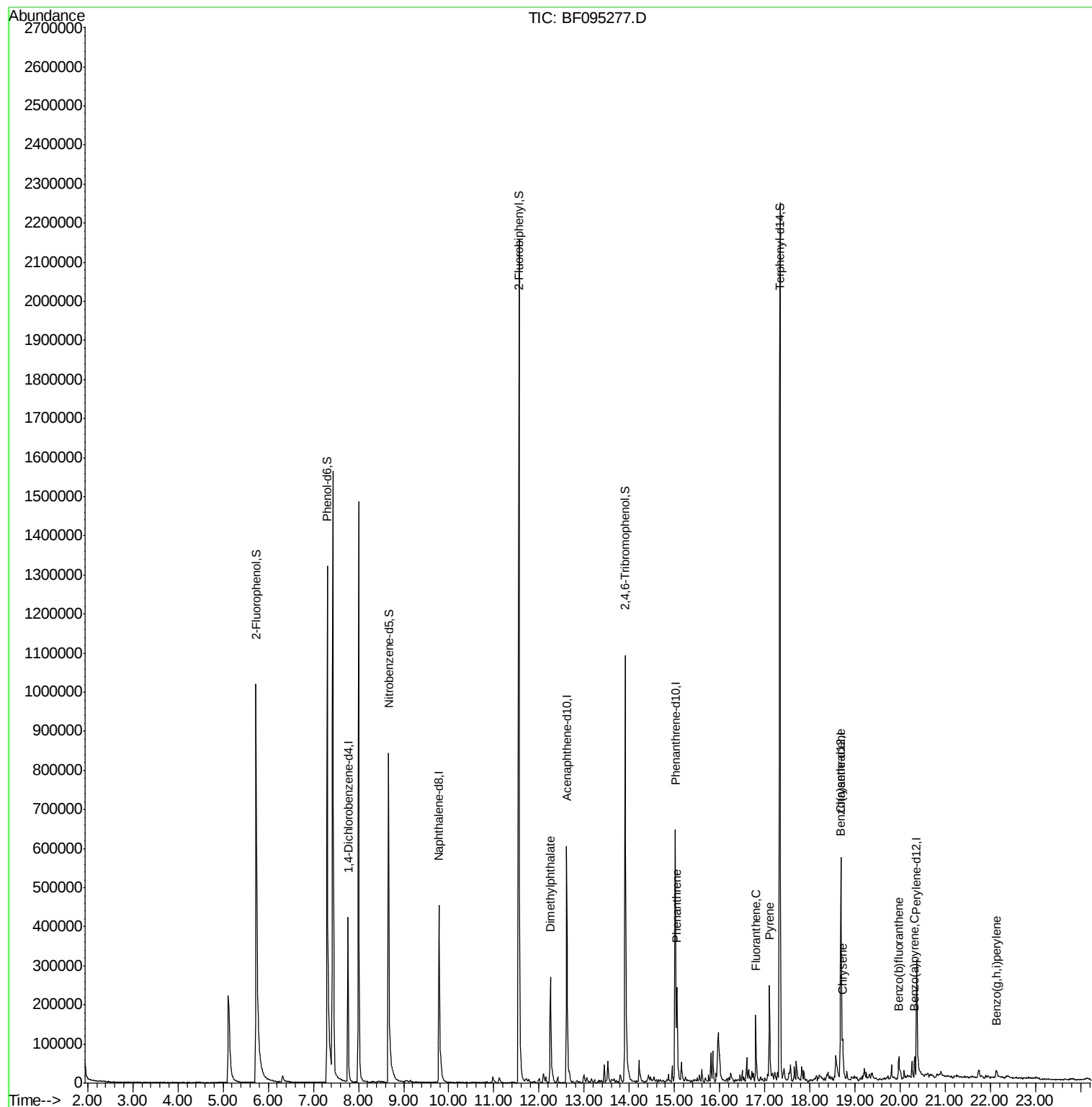
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095277.D
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#1

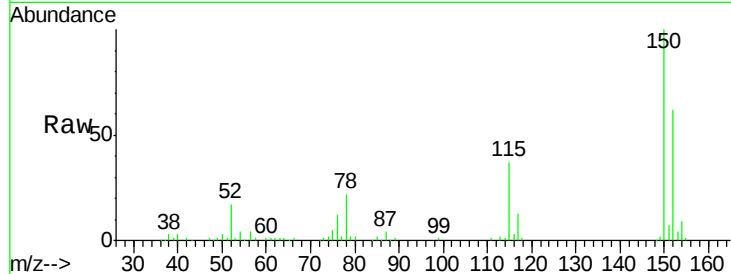
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :
SB-11COMP

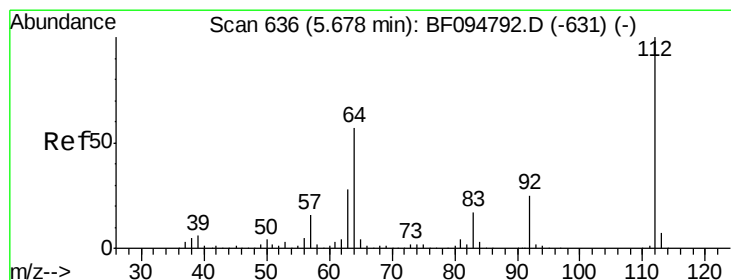
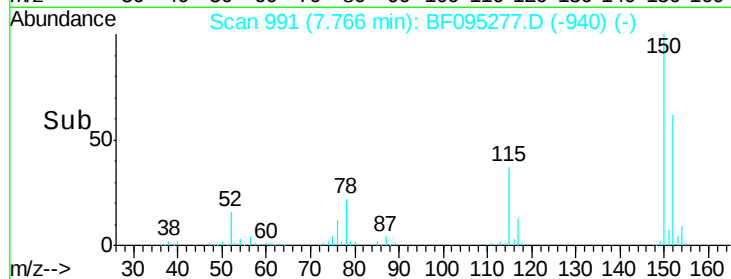
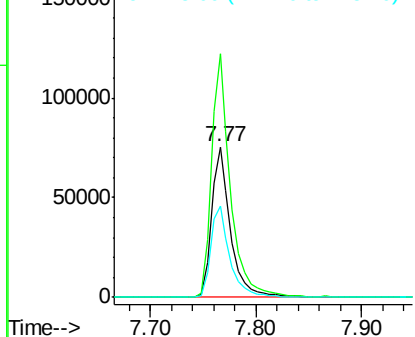
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.2	189.2
115	60.5	52.2	78.2

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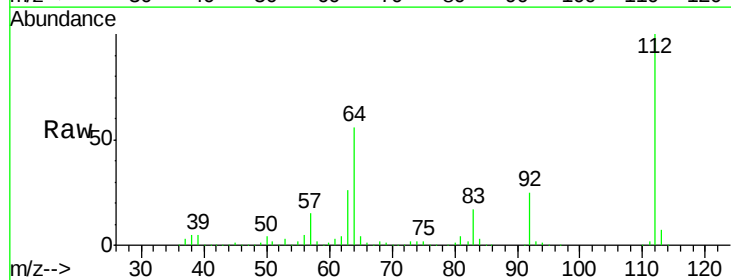
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



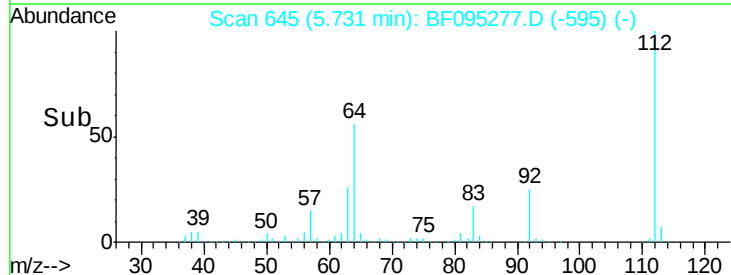
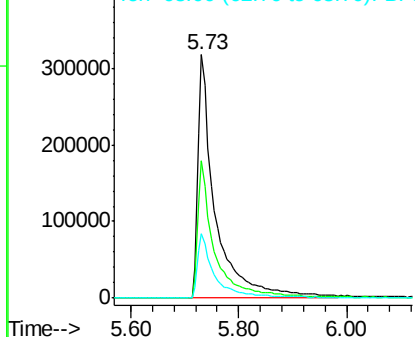
#5

2-Fluorophenol
Concen: 125.95 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	26.3	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: 130.63 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095277.D

Acq: 19 May 2017 22:43

Instrument :

BNA_F

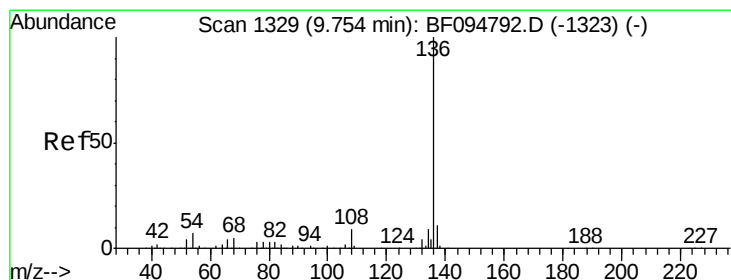
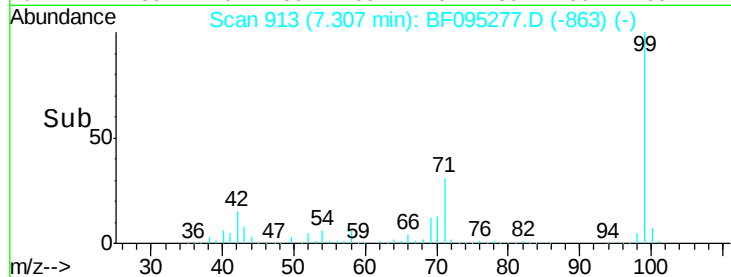
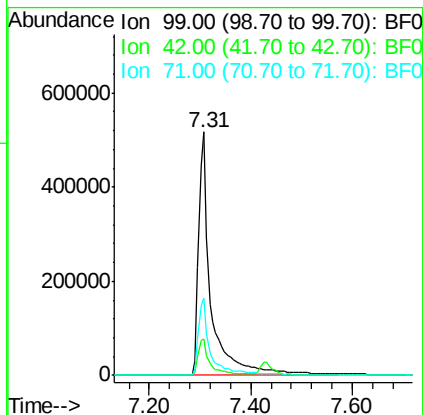
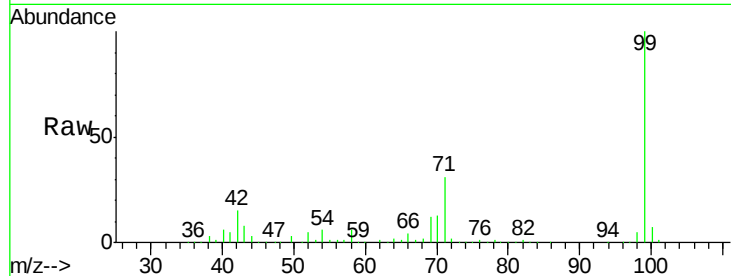
ClientSampleId :

SB-11COMP

Tgt Ion:	99	Resp:	889774
Ion Ratio	Lower	Upper	
99	100		
42	15.1	13.5	20.3
71	31.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

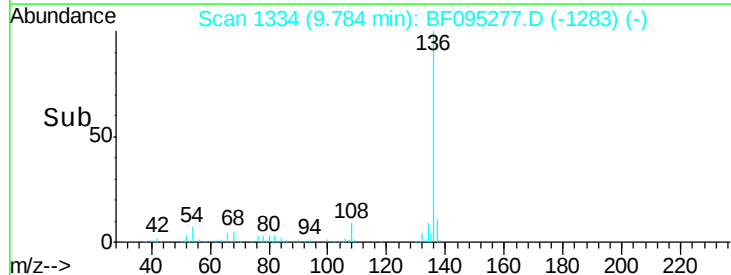
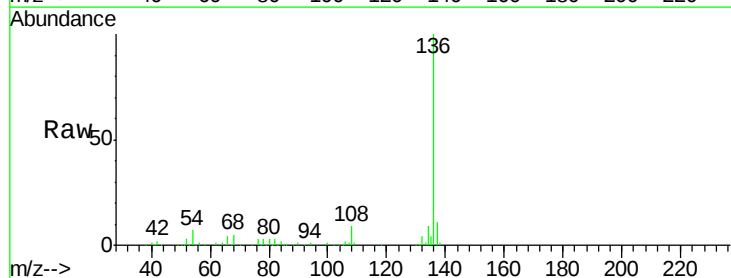
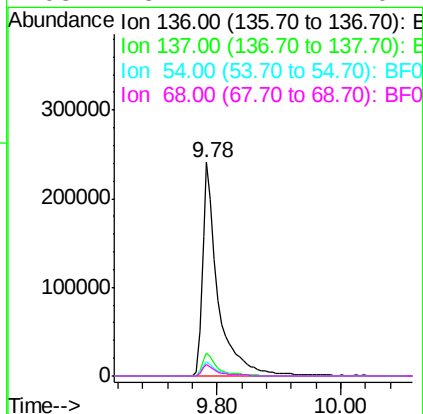
RT: 9.78 min Scan# 1334

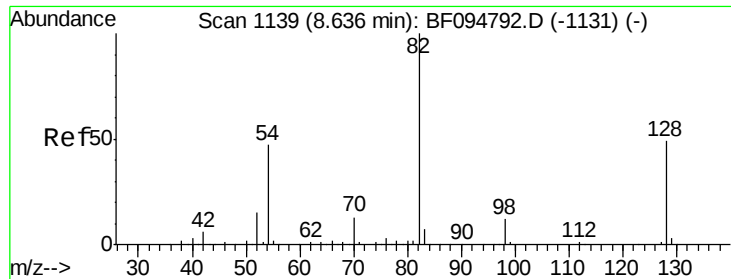
Delta R.T. 0.00 min

Lab File: BF095277.D

Acq: 19 May 2017 22:43

Tgt Ion:	136	Resp:	421449
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.5	4.9	7.3
68	5.2	4.1	6.1





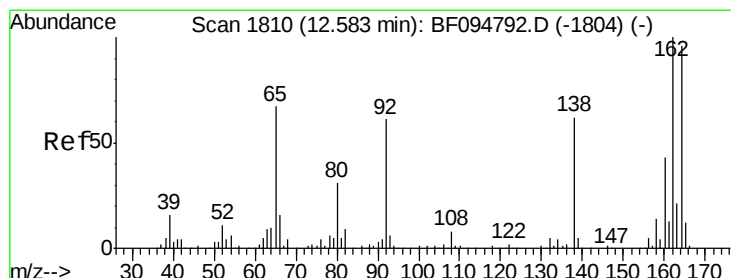
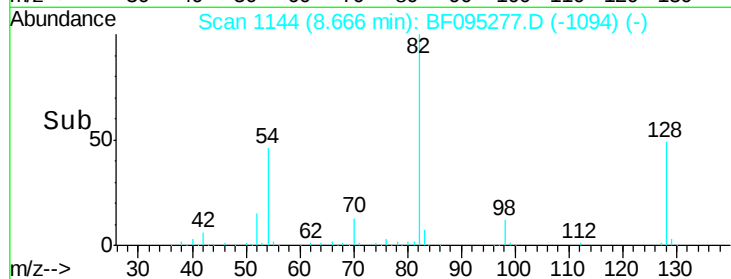
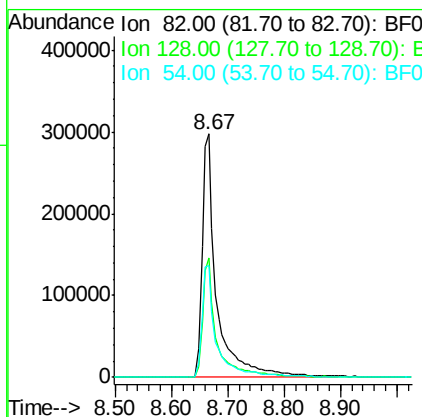
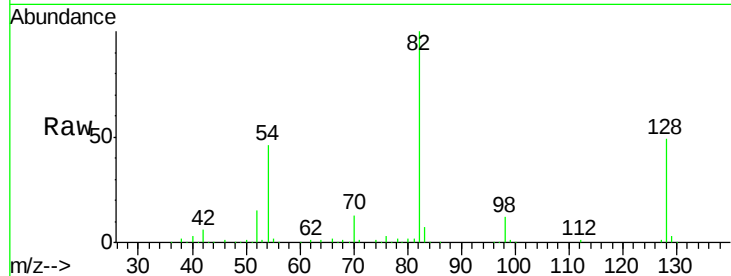
#23
 Nitrobenzene-d5
 Concen: 80.58 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095277.D
 Acq: 19 May 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.0	51.0
54	45.9	42.2	63.2

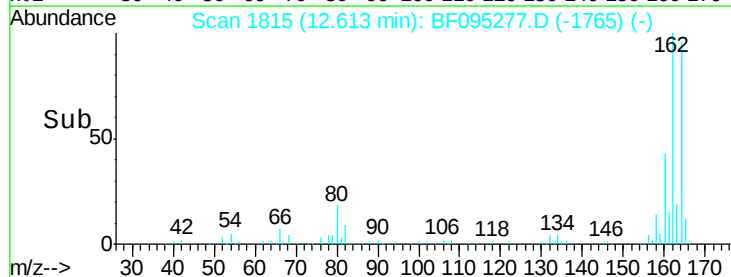
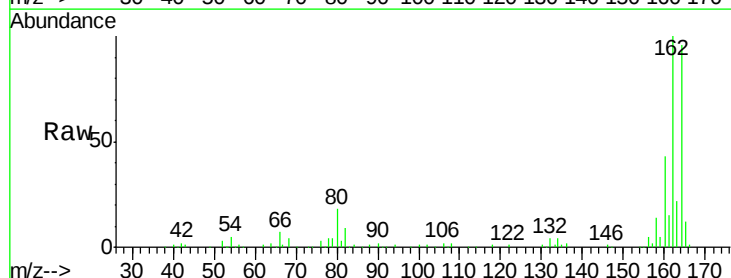
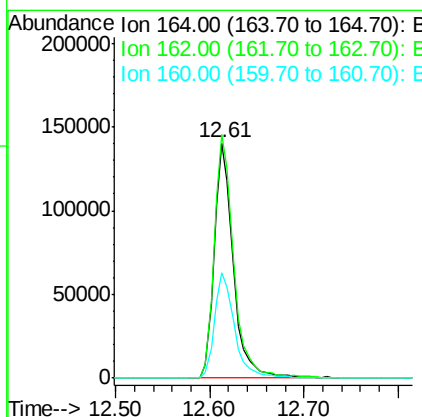
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095277.D
 Acq: 19 May 2017 22:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	44.7	36.2	54.2





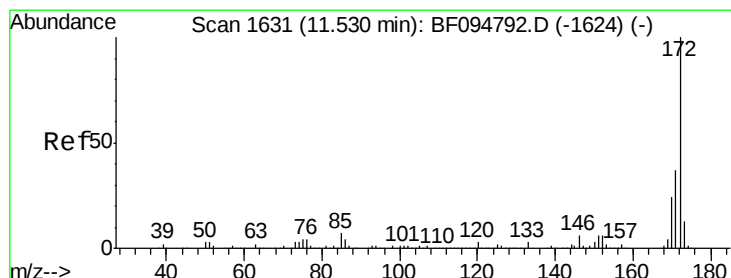
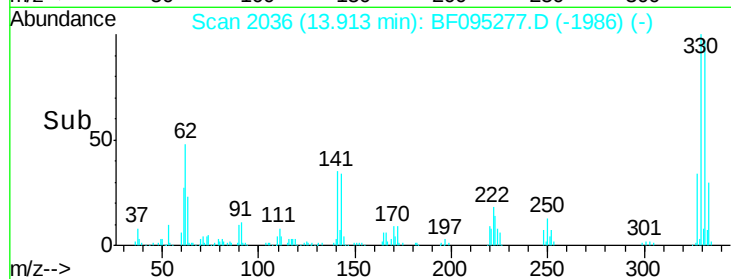
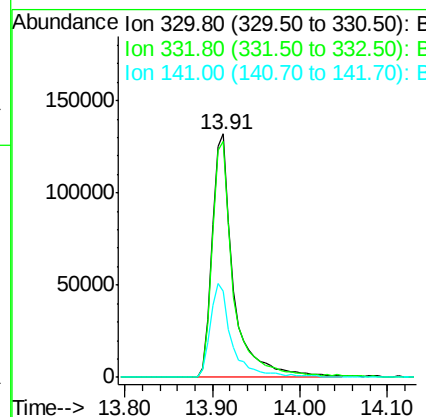
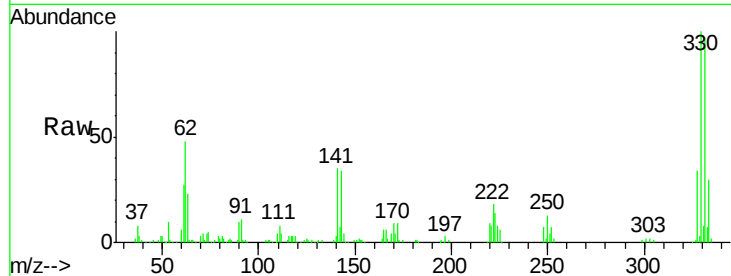
#41
 2,4,6-Tribromophenol
 Concen: 136.61 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095277.D
 Acq: 19 May 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-11COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	224019		
332	96.9	76.6	115.0	
141	38.8	31.4	47.2	

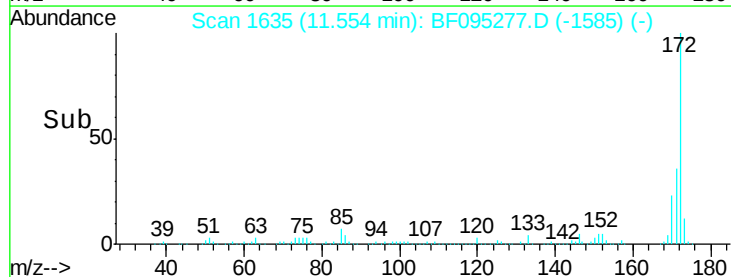
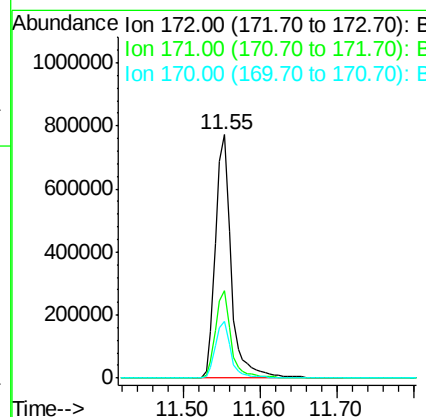
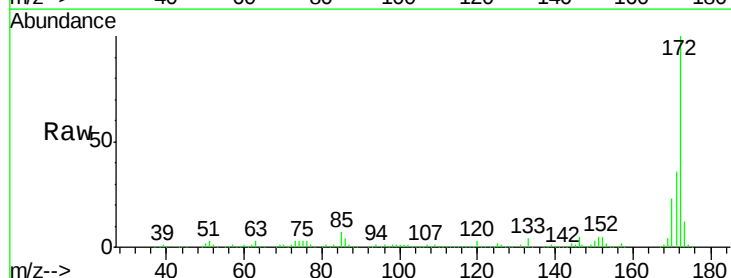
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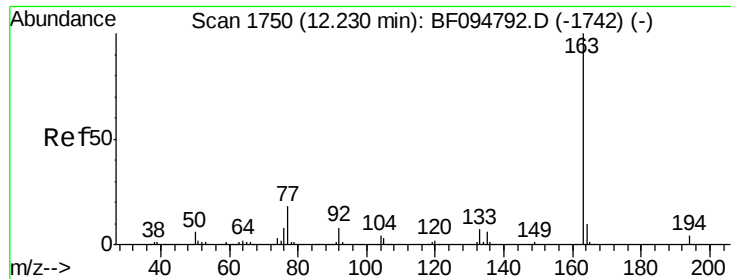
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#44
 2-Fluorobiphenyl
 Concen: 77.97 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095277.D
 Acq: 19 May 2017 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1084675		
171	35.9	29.6	44.4	
170	23.4	19.8	29.8	





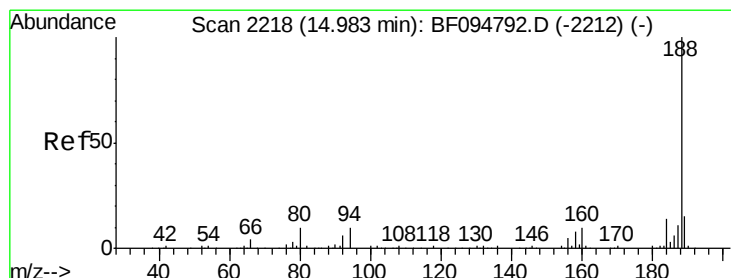
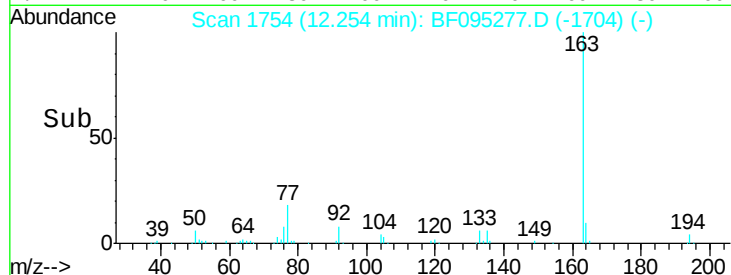
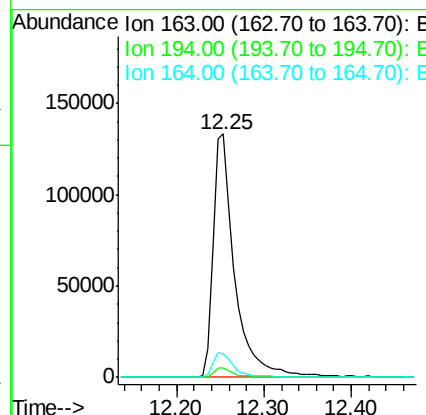
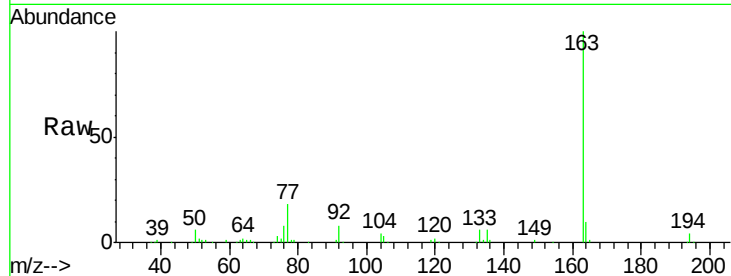
#49
Dimethylphthalate
Concen: 13.86 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :
SB-11COMP

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	227834		
194	3.6	2.6	4.0	
164	9.7	8.4	12.6	

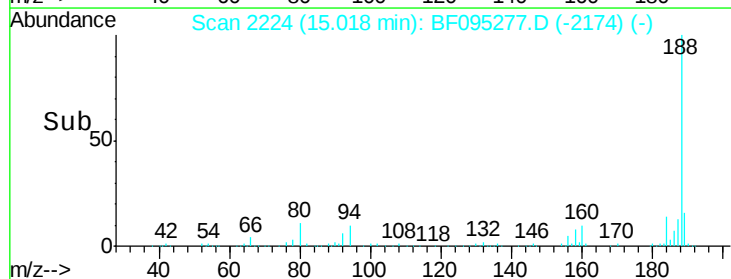
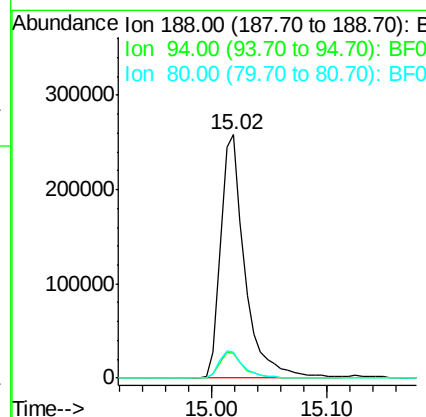
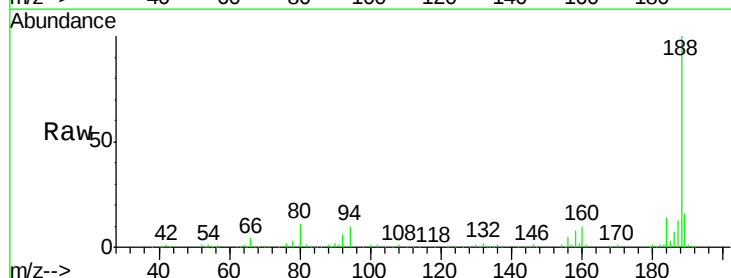
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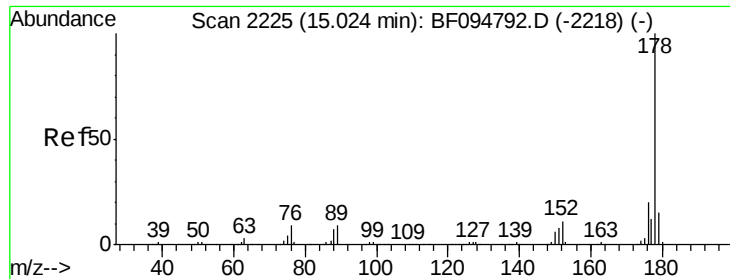
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	375719		
94	10.4	9.4	14.2	
80	10.6	10.2	15.2	





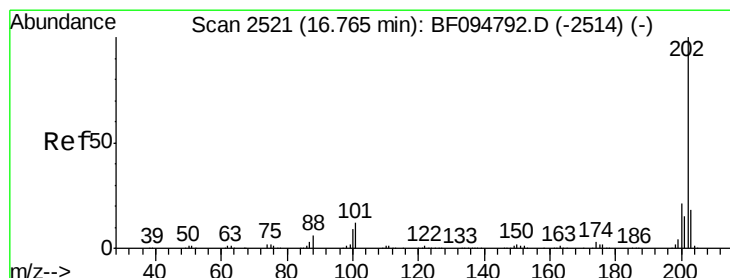
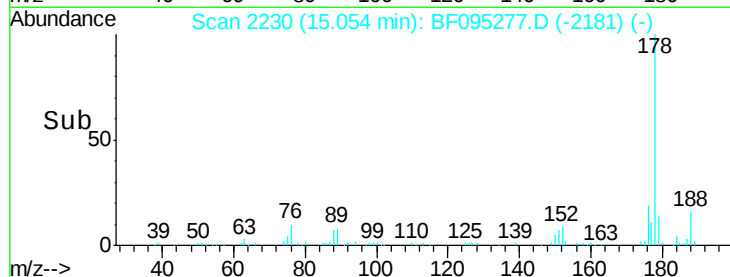
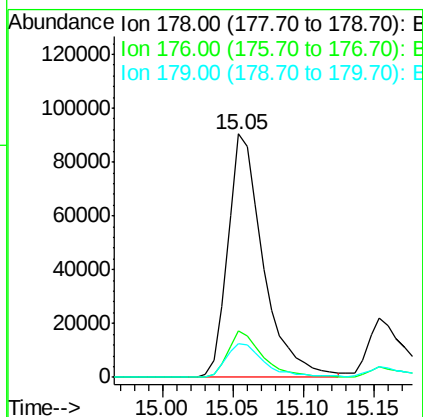
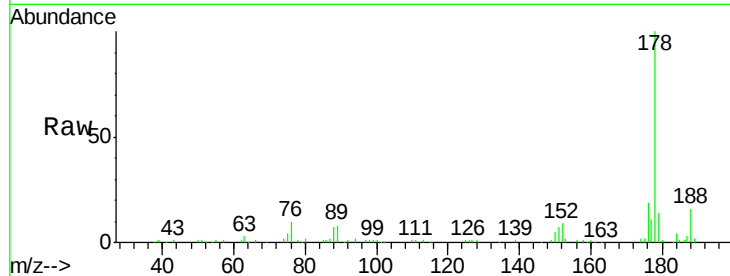
#70
Phenanthrene
Concen: 7.32 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :
SB-11COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	13.8	12.6	19.0

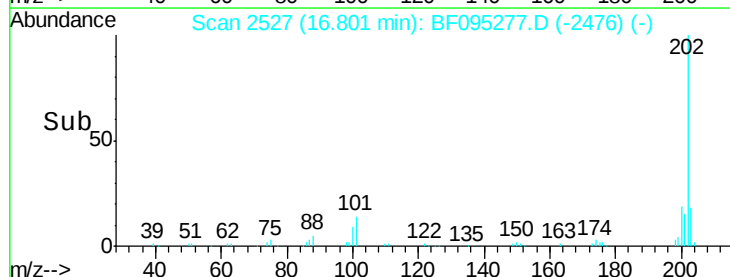
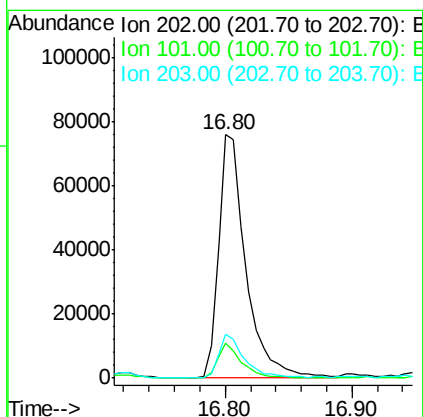
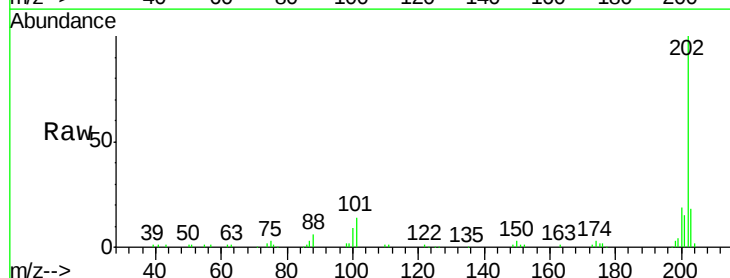
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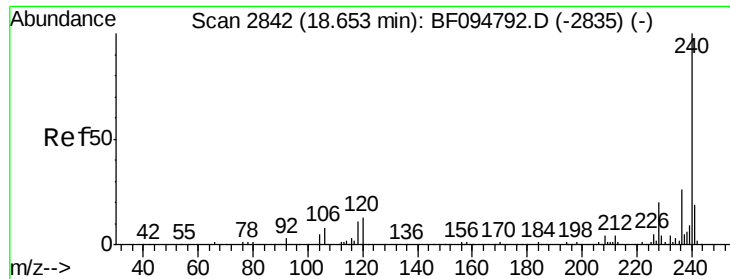
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#74
Fluoranthene
Concen: 5.14 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	18.0	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: BF095277.D

Acq: 19 May 2017 22:43

Instrument :

BNA_F

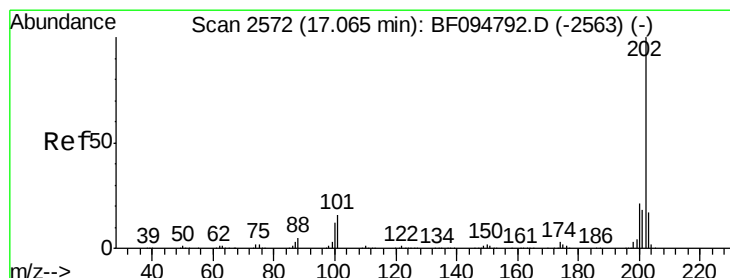
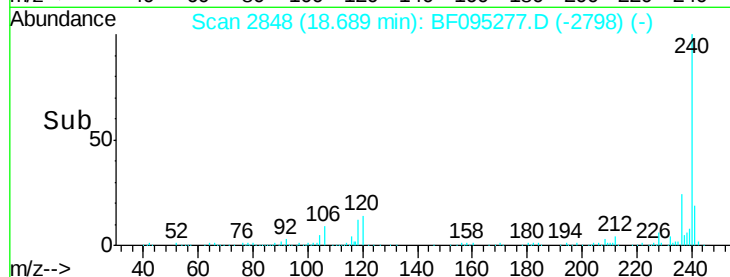
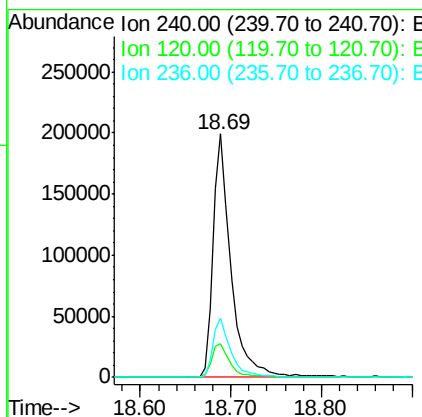
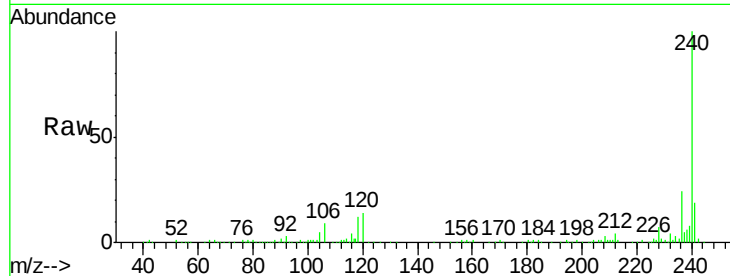
ClientSampleId :

SB-11COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	274450		
120	13.6	5.8	8.8#	
236	24.1	20.5	30.7	

Manual Integrations
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#77

Pyrene

Concen: 7.29 ng

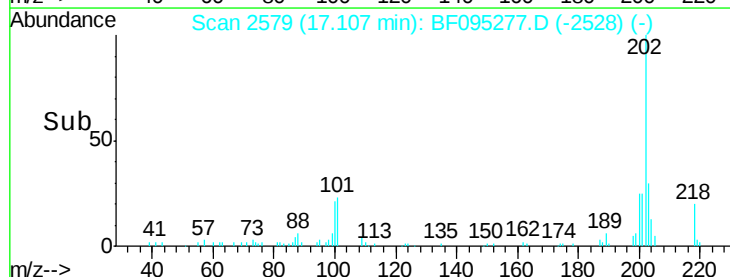
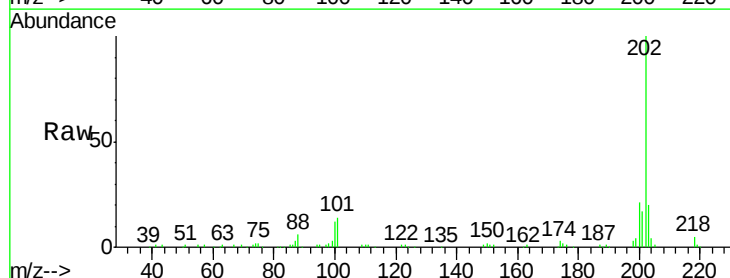
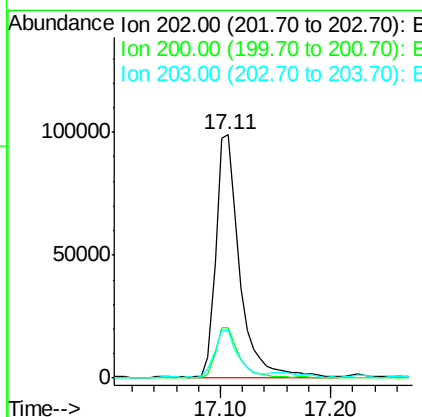
RT: 17.11 min Scan# 2579

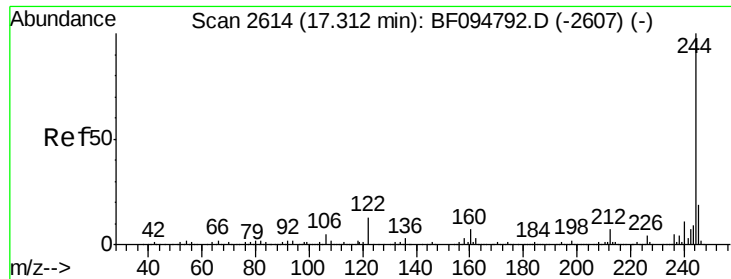
Delta R.T. 0.00 min

Lab File: BF095277.D

Acq: 19 May 2017 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	149555		
200	20.8	17.6	26.4	
203	19.6	14.4	21.6	





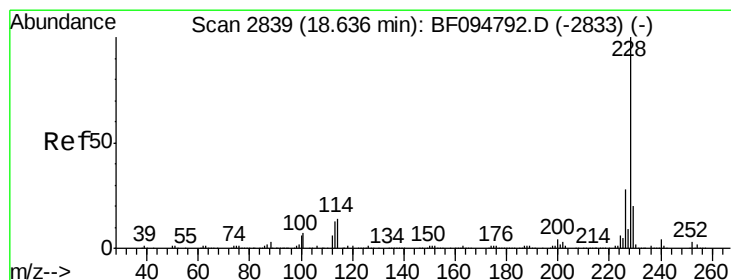
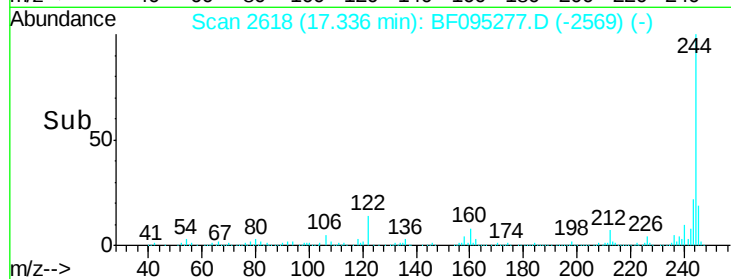
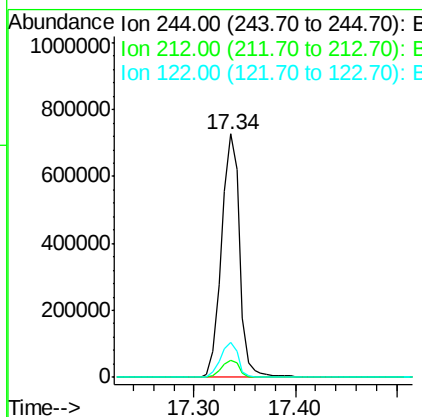
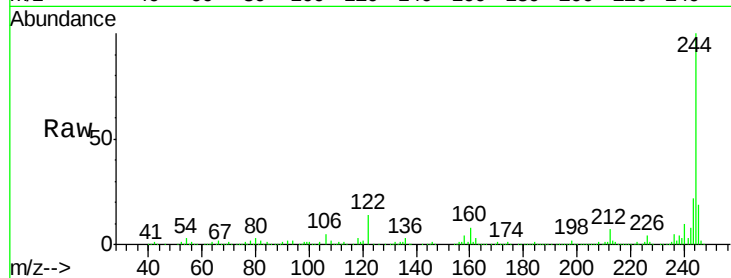
#78
 Terphenyl-d14
 Concen: 72.97 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095277.D
 Acq: 19 May 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-11COMP

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	909235		
212	7.2	6.0	9.0	
122	14.5	10.3	15.5	

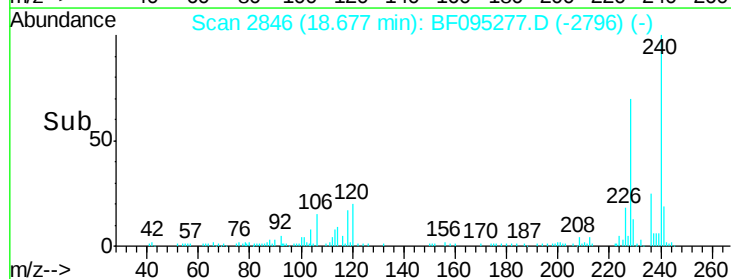
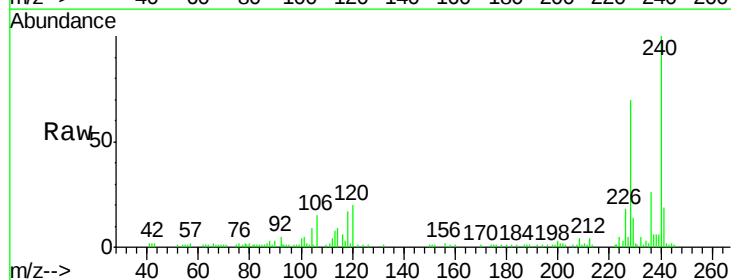
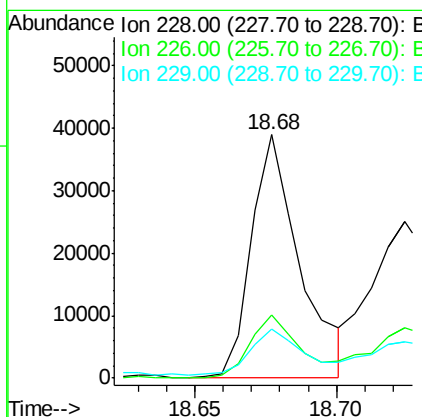
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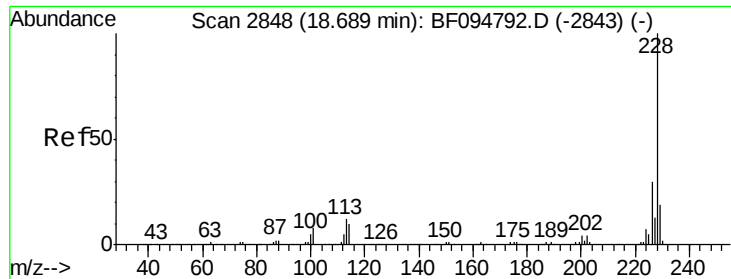
mohammad
 5/22/2017 1:29:54 PM



#80
 Benzo(a)anthracene
 Concen: 2.90 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095277.D
 Acq: 19 May 2017 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	46343		
226	25.7	22.6	33.8	
229	19.9	16.3	24.5	





#82

Chrysene

Concen: 3.22 ng

RT: 18.72 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BF095277.D

Acq: 19 May 2017 22:43

Instrument :

BNA_F

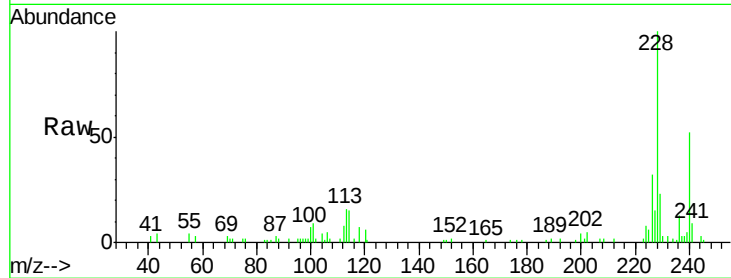
ClientSampleId :

SB-11COMP

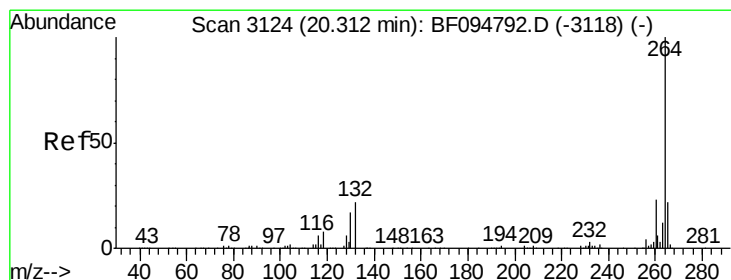
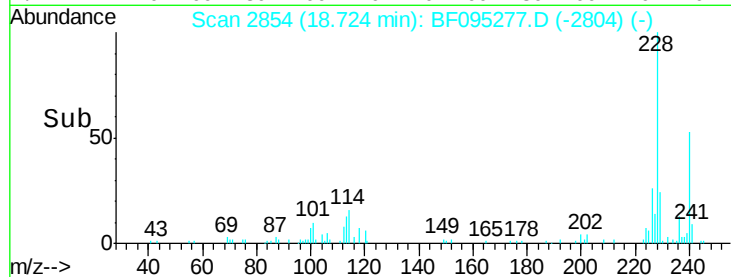
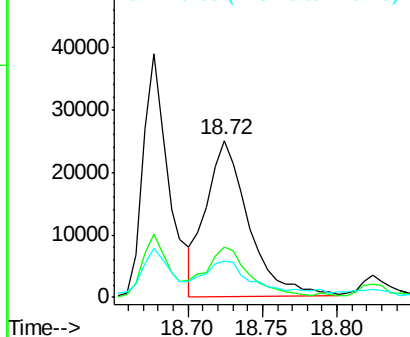
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	23.0	15.8	23.6

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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



#86

Perylene-d12

Concen: 20.00 ng

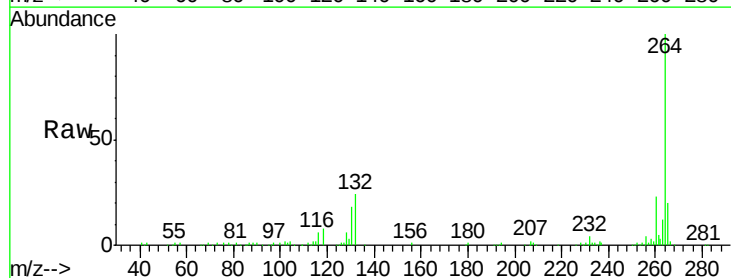
RT: 20.37 min Scan# 3133

Delta R.T. 0.00 min

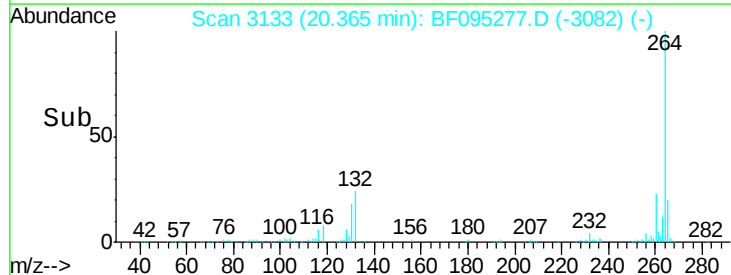
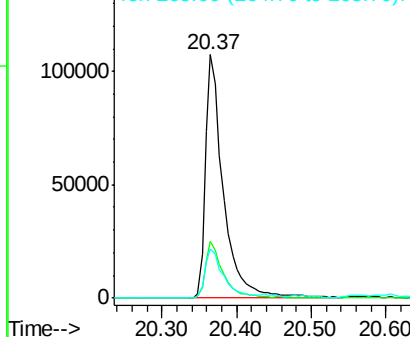
Lab File: BF095277.D

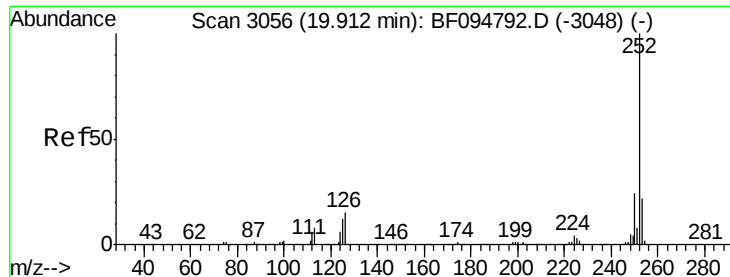
Acq: 19 May 2017 22:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.2	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.81 ng m

RT: 19.97 min Scan# 3066

Delta R.T. 0.01 min

Lab File: BF095277.D

Acq: 19 May 2017 22:43

Instrument :

BNA_F

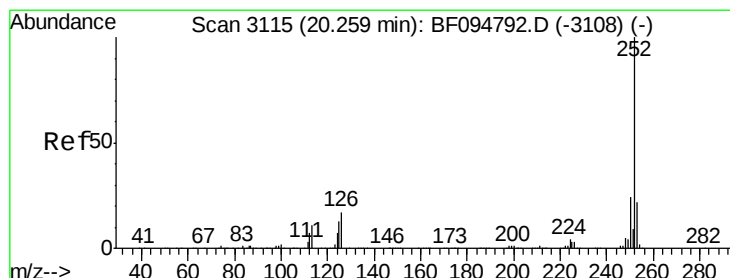
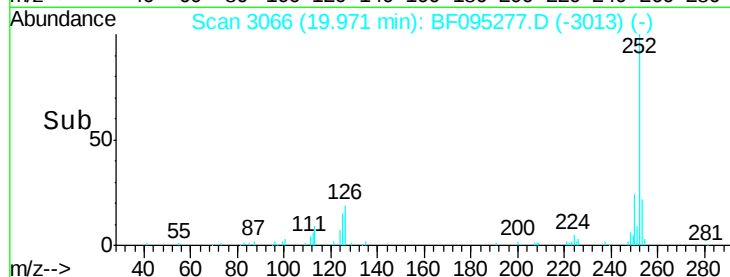
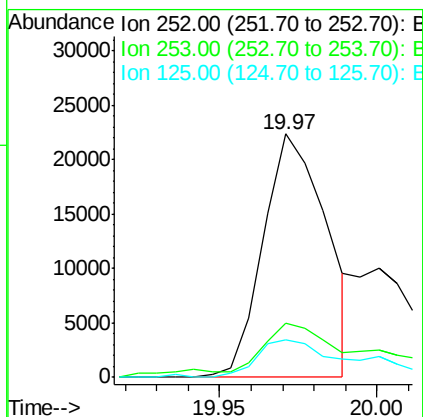
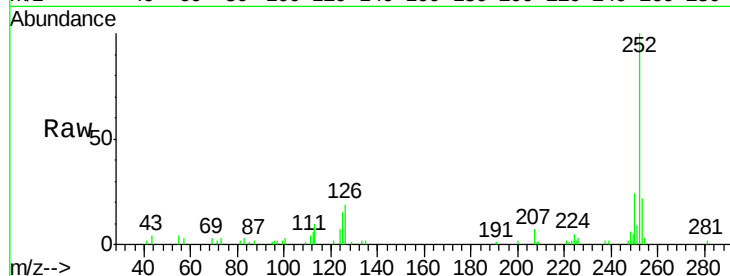
ClientSampleId :

SB-11COMP

Tgt Ion:	252	Resp:	31295
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	15.2	9.8	14.8#

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#89

Benzo(a)pyrene

Concen: 2.51 ng

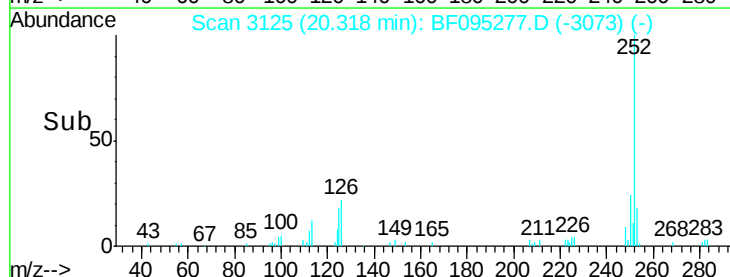
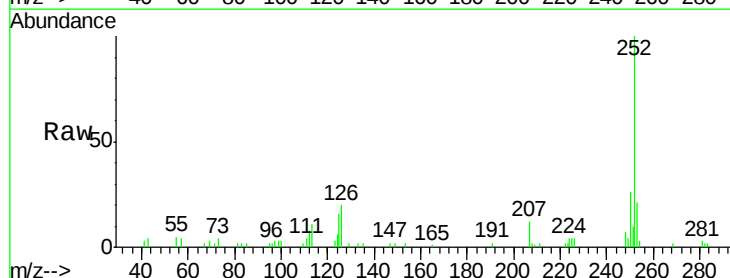
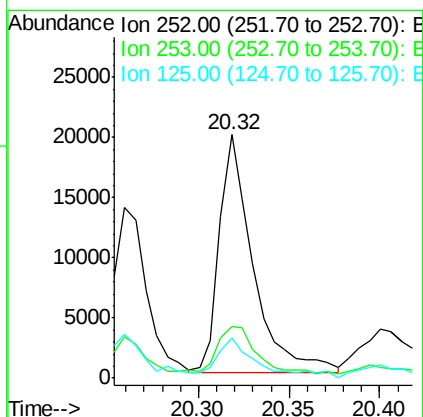
RT: 20.32 min Scan# 3125

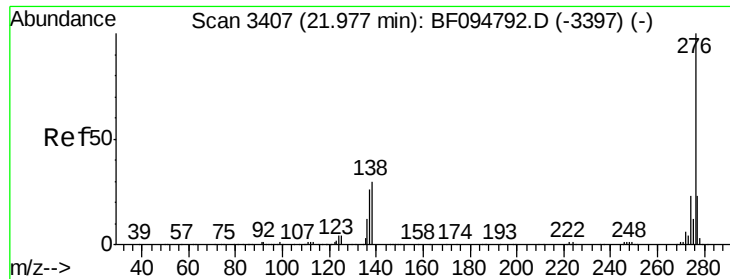
Delta R.T. 0.01 min

Lab File: BF095277.D

Acq: 19 May 2017 22:43

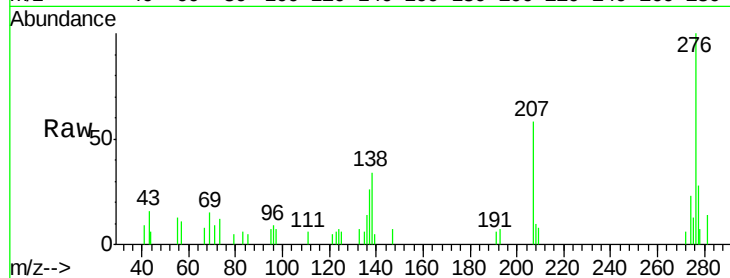
Tgt Ion:	252	Resp:	25805
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	16.4	11.0	16.4





#91
 Benzo(g,h,i)perylene
 Concen: 2.03 ng
 RT: 22.13 min Scan# 3433
 Delta R.T. 0.05 min
 Lab File: BF095277.D
 Acq: 19 May 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-11COMP



Tgt Ion:	276	Resp:	16957
Ion Ratio		Lower	Upper
276	100		
277	27.5	18.6	28.0
138	34.3	25.4	38.0

Manual Integrations
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