

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091034.D
 Acq On : 4 Nov 2016 21:35
 Operator : UM/SJ
 Sample : H5526-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-98-4.5-5.0

Manual Integrations
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Quant Time: Nov 04 23:58:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	176031	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	682441	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	336226	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	452962	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	329348	20.00	ng	-0.01
86) Perylene-d12	15.24	264	294518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1684331	158.03	ng	0.02
7) Phenol-d6	6.36	99	2170202	150.01	ng	0.01
23) Nitrobenzene-d5	7.28	82	1454673	116.28	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	410771	135.14	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1828990	93.65	ng	0.00
78) Terphenyl-d14	12.81	244	1328273	100.64	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	587253	26.64	ng	99
74) Fluoranthene	12.43	202	172249	6.90	ng	91
77) Pyrene	12.66	202	141450	6.56	ng	95
80) Benzo(a)anthracene	13.85	228	96662	5.17	ng	99
82) Chrysene	13.88	228	87427m	4.74	ng	
85) Indeno(1,2,3-cd)pyrene	16.55	276	58560	3.83	ng	93
87) Benzo(b)fluoranthene	14.85	252	133425m	6.68	ng	
88) Benzo(k)fluoranthene	14.87	252	52323m	2.99	ng	
89) Benzo(a)pyrene	15.19	252	78148	4.49	ng	# 97
91) Benzo(g,h,i)perylene	16.93	276	55030	4.05	ng	99

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

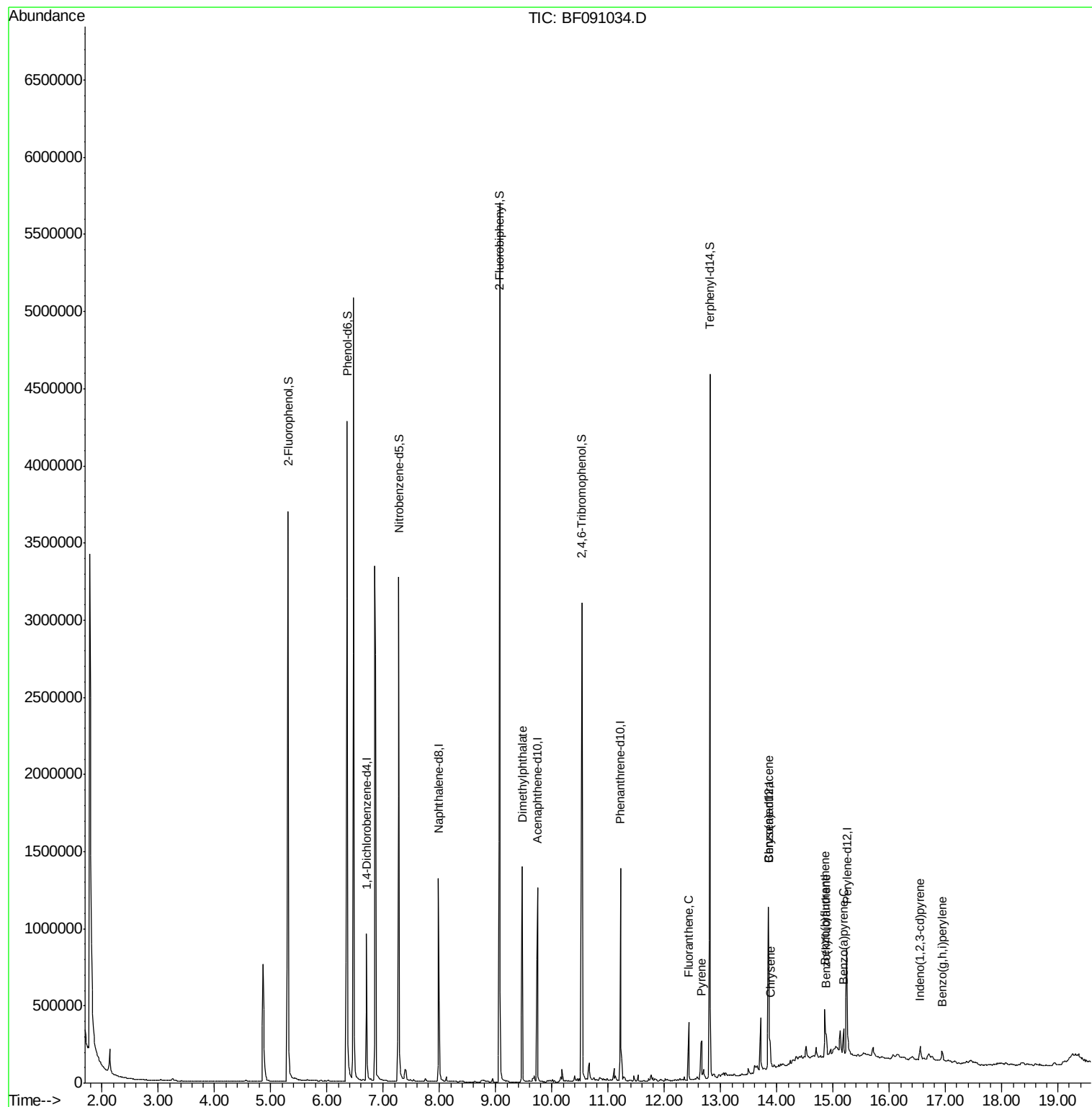
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091034.D
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Sample : H5526-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

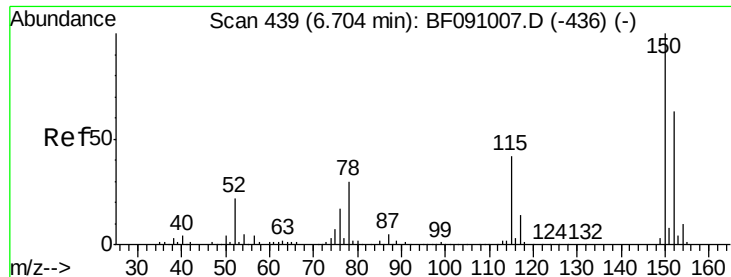
Instrument :
BNA_F
ClientSampleId :
SB-98-4.5-5.0

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Quant Time: Nov 04 23:58:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

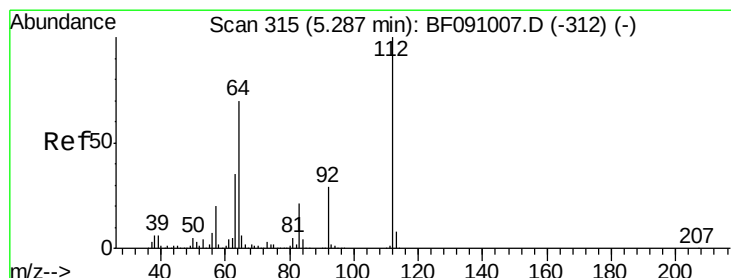
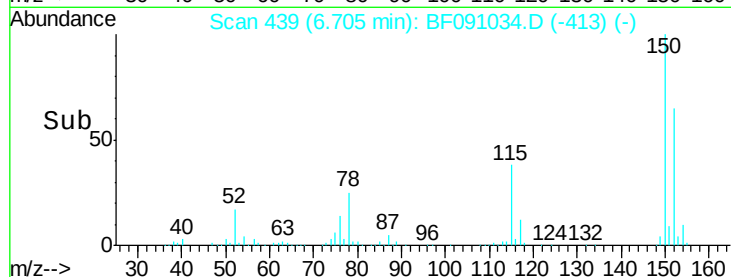
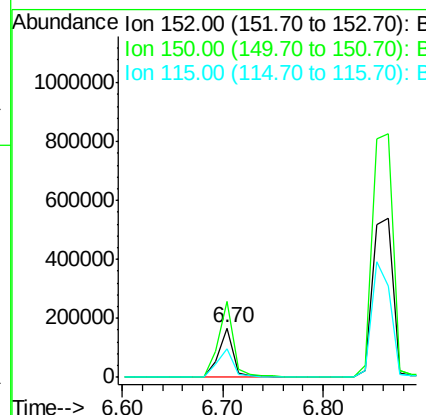
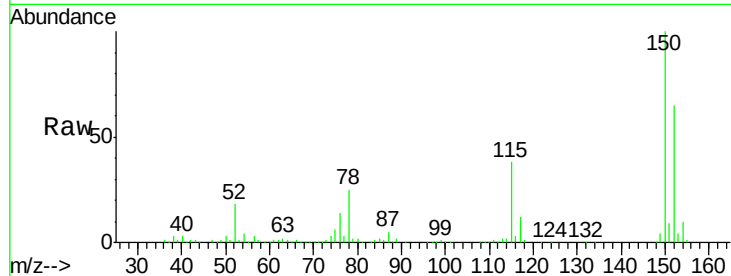
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091034.D
Acq: 4 Nov 2016 21:35

Instrument :
BNA_F
ClientSampled :
SB-98-4.5-5.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.8	190.2
115	59.0	53.3	79.9

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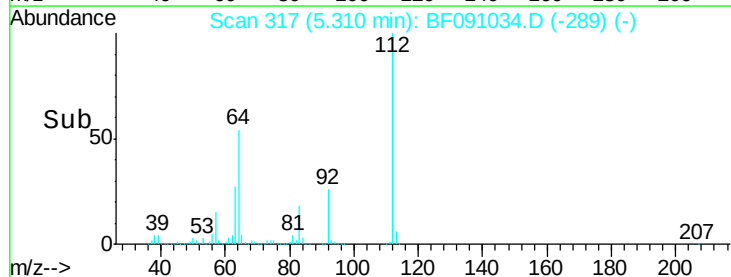
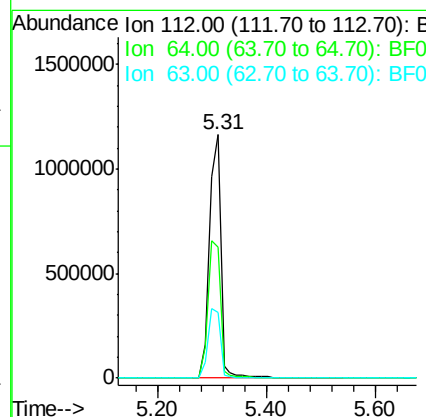
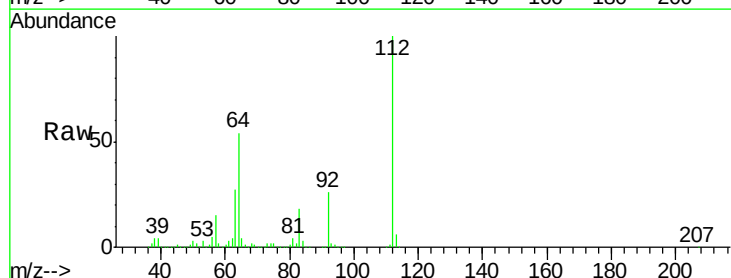
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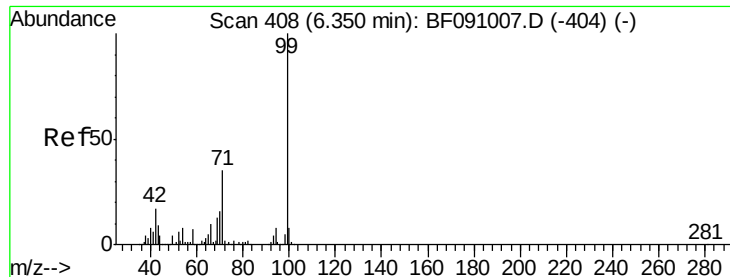


#5

2-Fluorophenol
Concen: 158.03 ng
RT: 5.31 min Scan# 317
Delta R.T. 0.02 min
Lab File: BF091034.D
Acq: 4 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	55.8	83.6#
63	26.9	28.0	42.0#





#7

Phenol-d6

Concen: 150.01 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091034.D

Acq: 4 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

SB-98-4.5-5.0

Tgt Ion: 99 Resp: 2170202

Ion Ratio Lower Upper

99 100

42 15.9 13.9 20.9

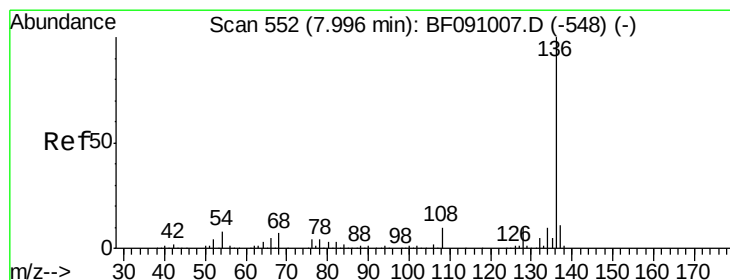
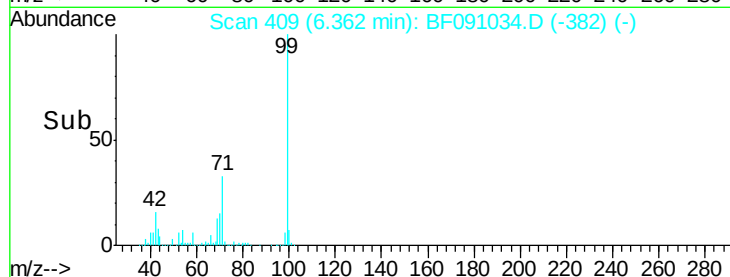
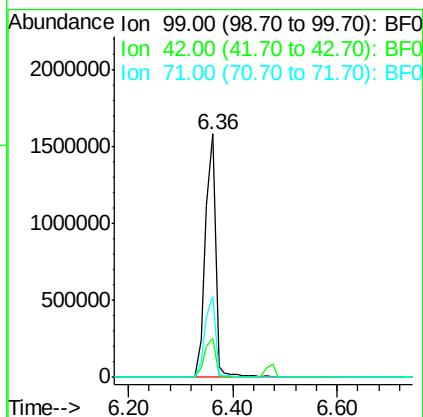
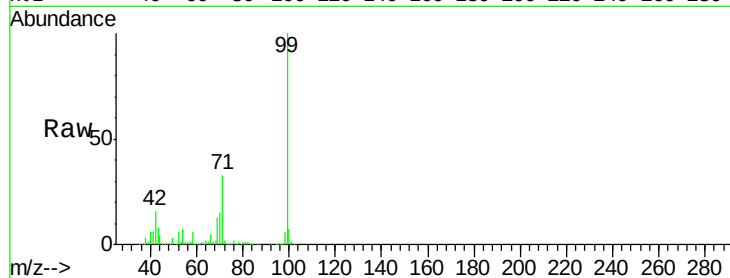
71 33.4 27.8 41.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF091034.D

Acq: 4 Nov 2016 21:35

Tgt Ion: 136 Resp: 682441

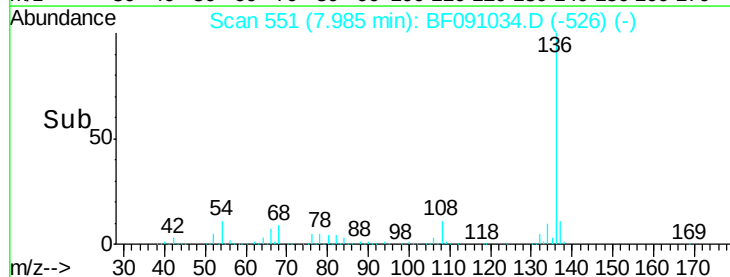
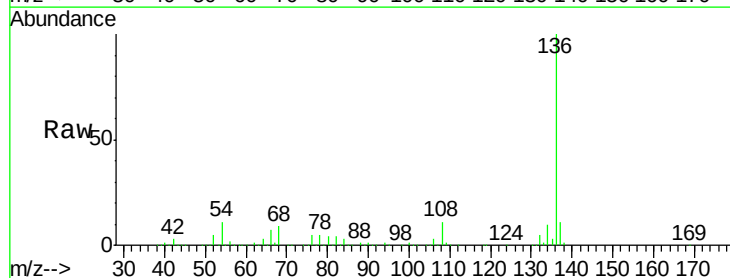
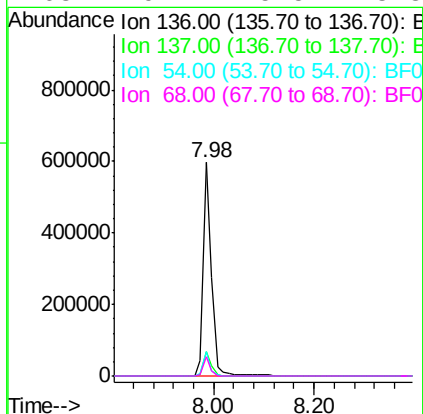
Ion Ratio Lower Upper

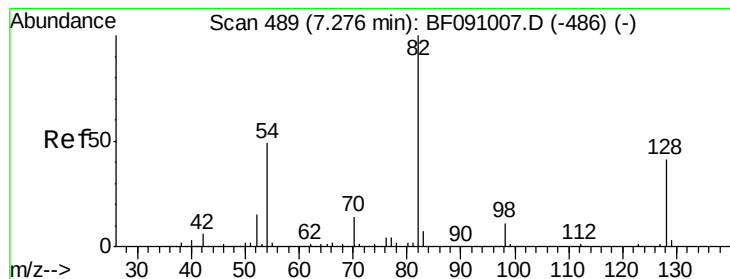
136 100

137 11.4 8.9 13.3

54 11.2 6.2 9.2#

68 9.2 5.5 8.3#





#23

Nitrobenzene-d5

Concen: 116.28 ng

RT: 7.28 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091034.D

Acq: 4 Nov 2016 21:35

Instrument :

BNA_F

ClientSampleId :

SB-98-4.5-5.0

Tgt Ion: 82 Resp: 1454673

Ion Ratio Lower Upper

82 100

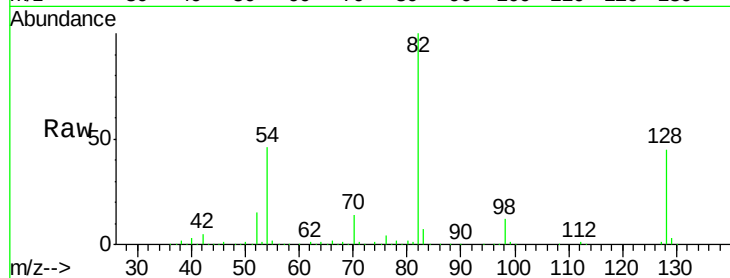
128 45.0 32.4 48.6

54 46.5 39.2 58.8

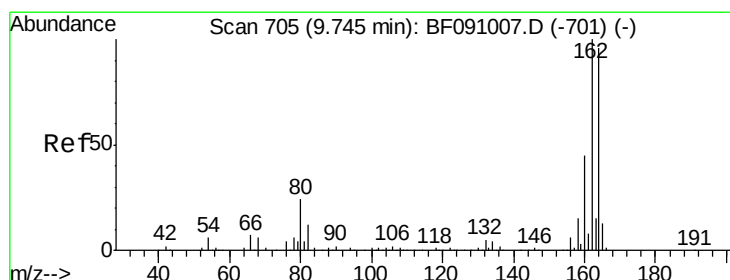
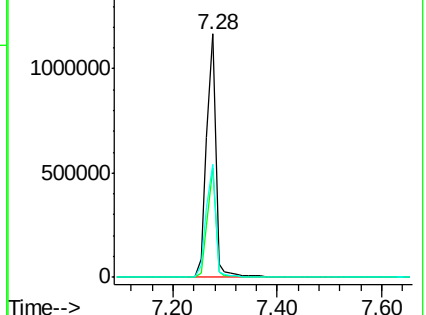
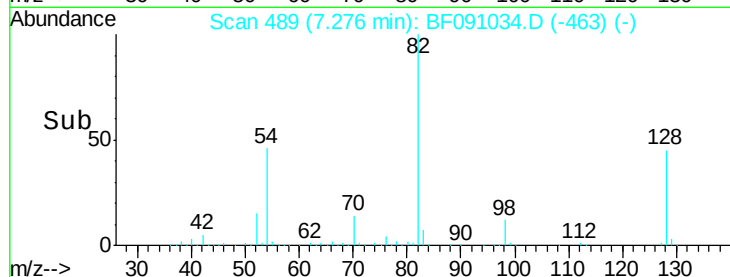
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF091034.D

Acq: 4 Nov 2016 21:35

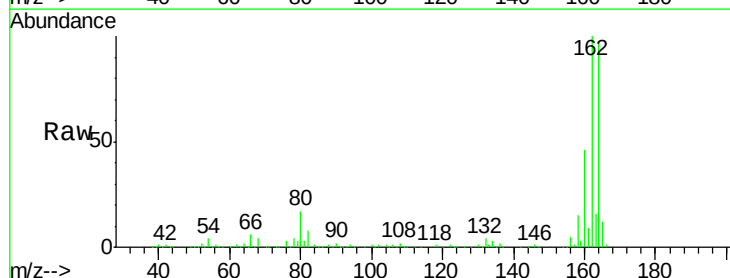
Tgt Ion: 164 Resp: 336226

Ion Ratio Lower Upper

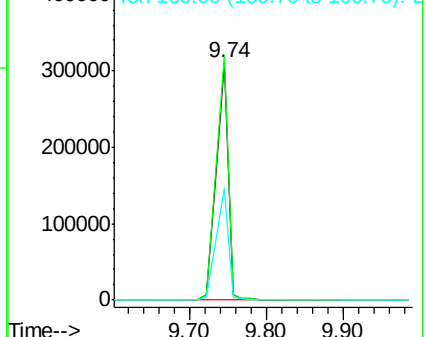
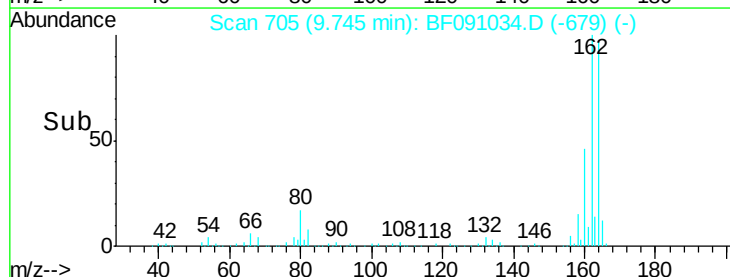
164 100

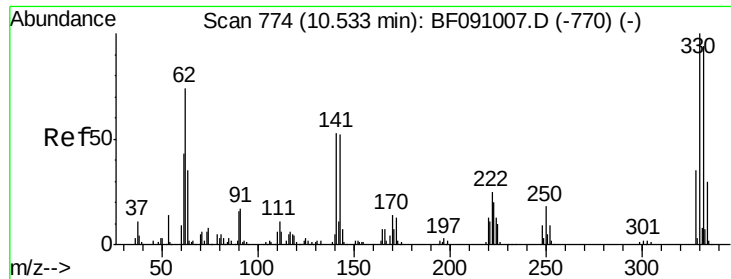
162 102.6 83.6 125.4

160 47.1 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





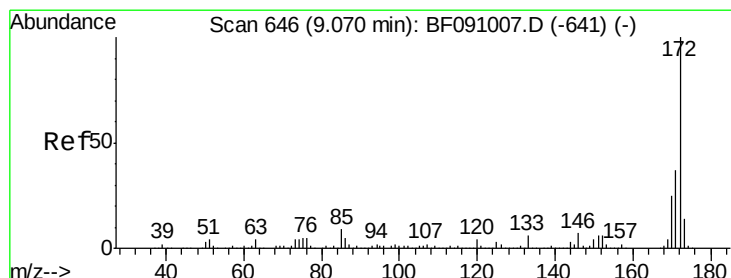
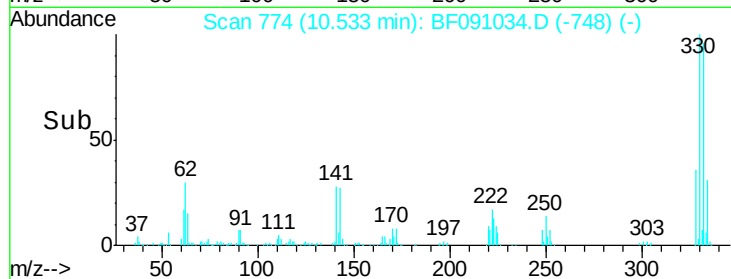
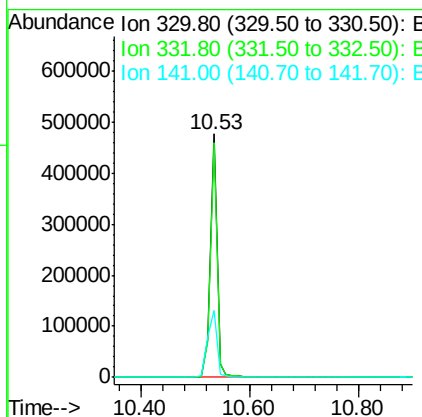
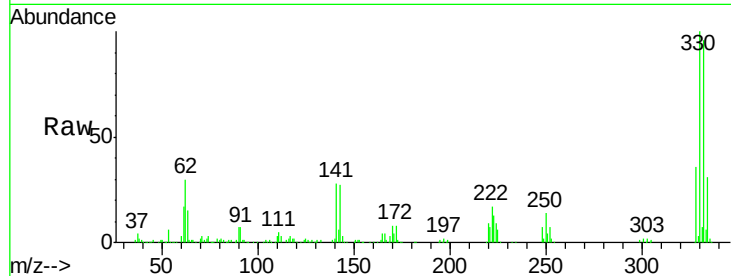
#41
 2,4,6-Tribromophenol
 Concen: 135.14 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091034.D
 Acq: 4 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-98-4.5-5.0

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	410771		
332	96.3	75.9	113.9	
141	38.1	36.1	54.1	

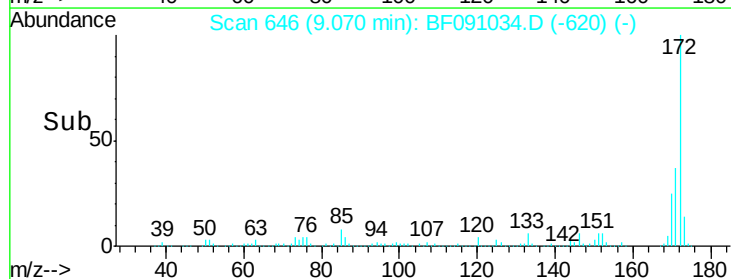
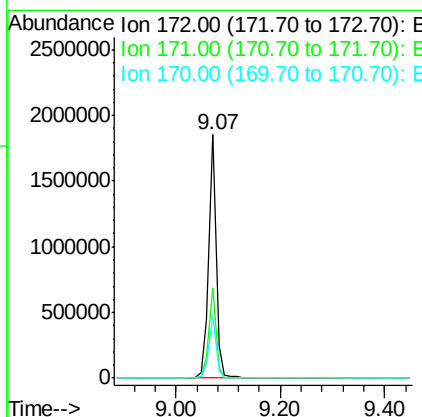
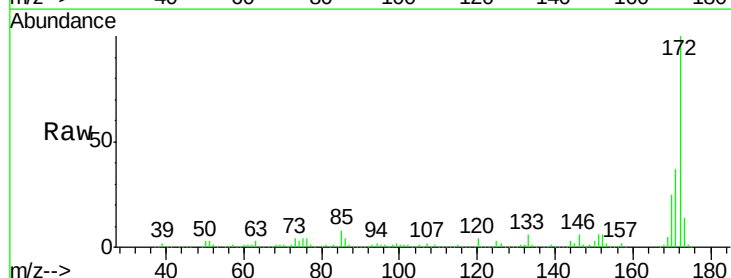
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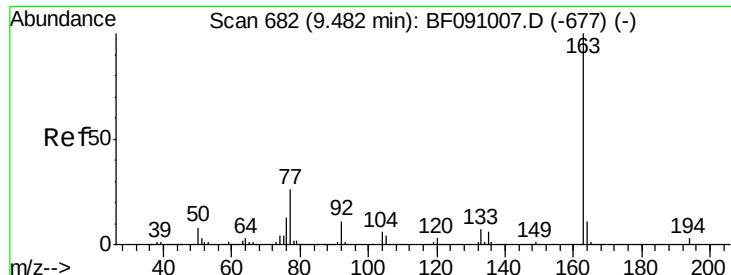
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#44
 2-Fluorobiphenyl
 Concen: 93.65 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091034.D
 Acq: 4 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1828990		
171	37.0	29.8	44.6	
170	25.4	20.3	30.5	





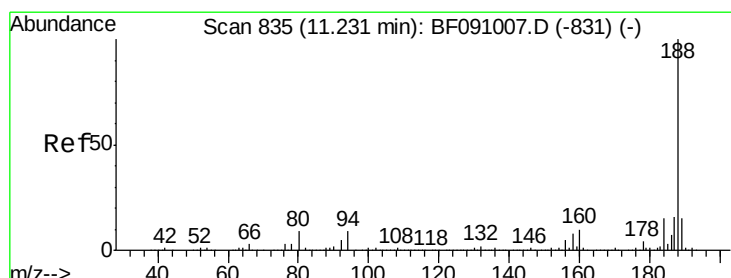
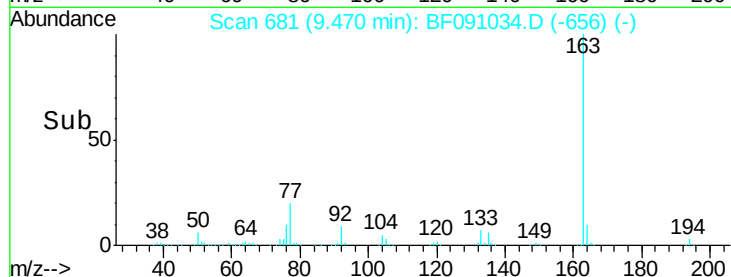
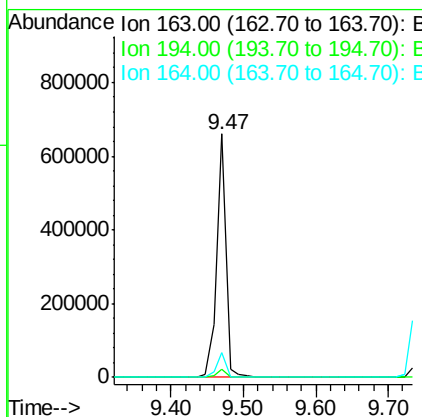
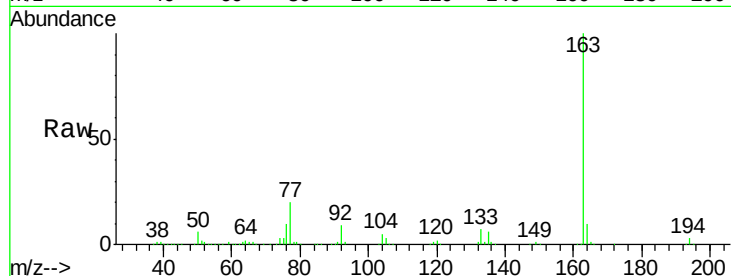
#49
Dimethylphthalate
Concen: 26.64 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091034.D
Acq: 4 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
SB-98-4.5-5.0

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	587253		
194	3.4	2.6	4.0	
164	10.2	8.7	13.1	

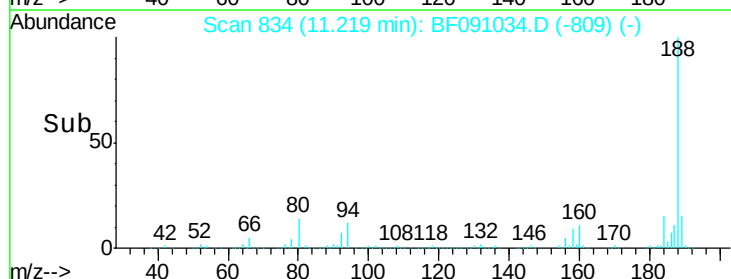
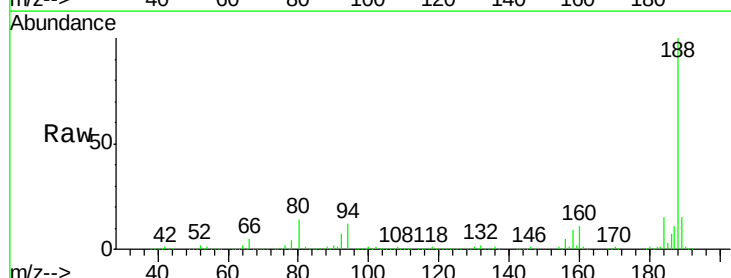
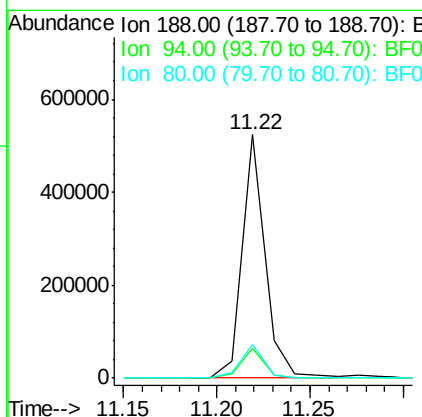
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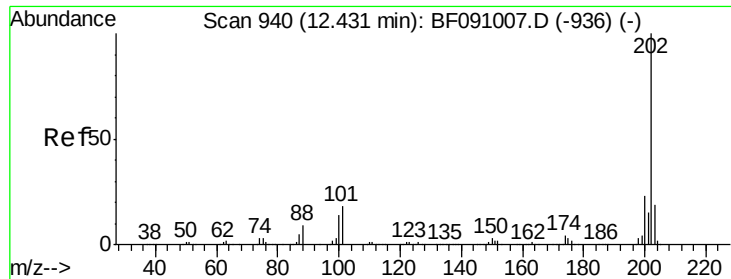
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091034.D
Acq: 4 Nov 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	452962		
94	12.4	7.0	10.4#	
80	14.0	7.5	11.3#	





#74

Fluoranthene

Concen: 6.90 ng

RT: 12.43 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF091034.D

Acq: 4 Nov 2016 21:35

Instrument :

BNA_F

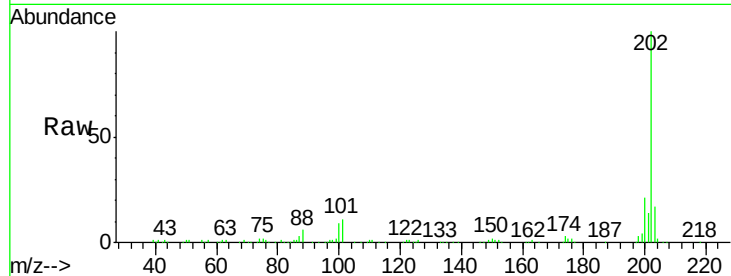
ClientSampleId :

SB-98-4.5-5.0

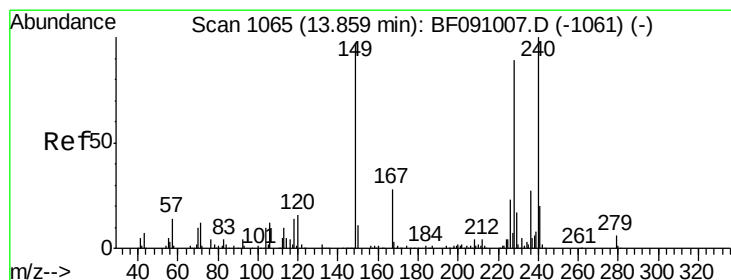
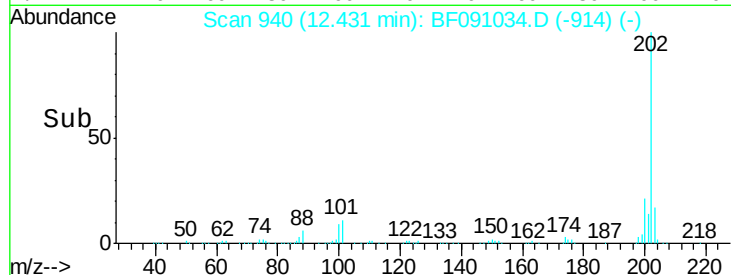
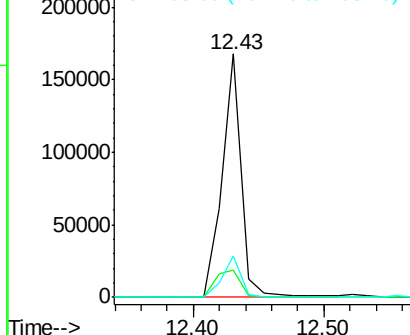
Tgt Ion:	202	Resp:	172249
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	37.6
203	16.9	0.0	38.6

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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

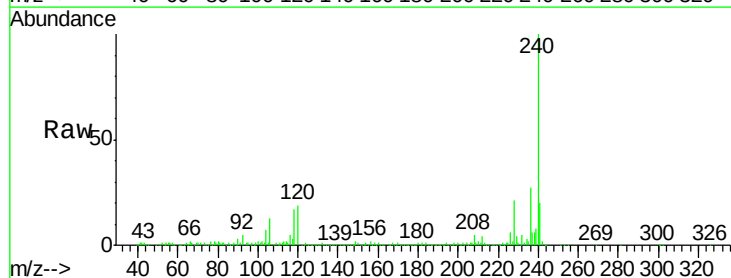
RT: 13.85 min Scan# 1064

Delta R.T. -0.01 min

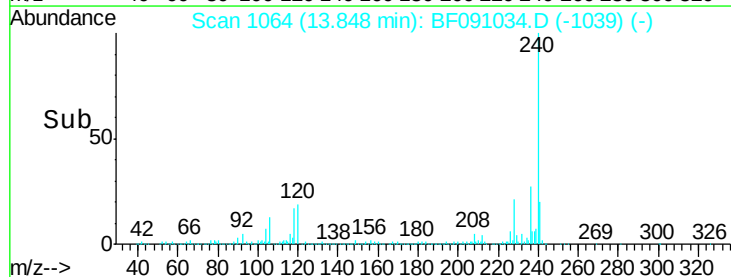
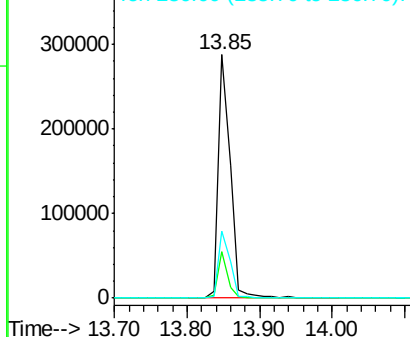
Lab File: BF091034.D

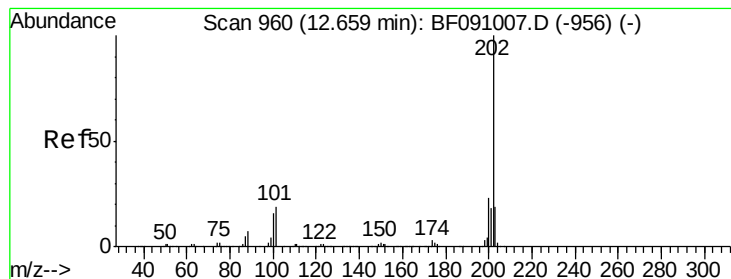
Acq: 4 Nov 2016 21:35

Tgt Ion:	240	Resp:	329348
Ion Ratio	Lower	Upper	
240	100		
120	18.9	12.9	19.3
236	27.5	21.9	32.9



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: 6.56 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF091034.D

Acq: 4 Nov 2016 21:35

Instrument :

BNA_F

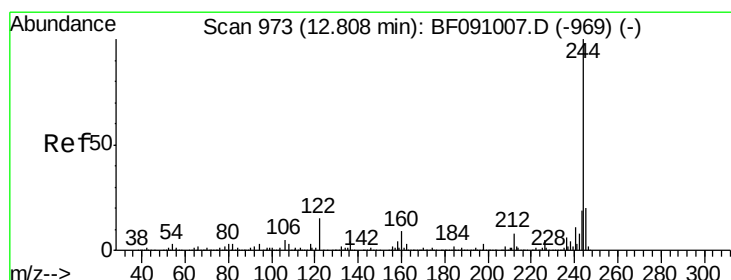
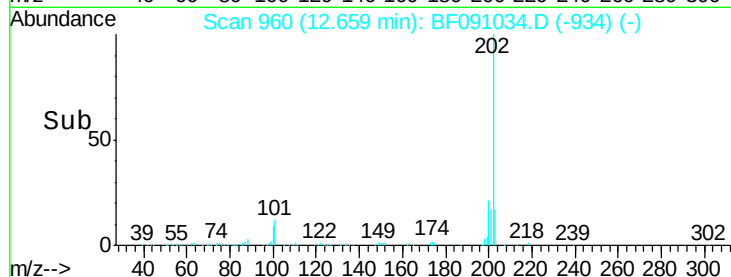
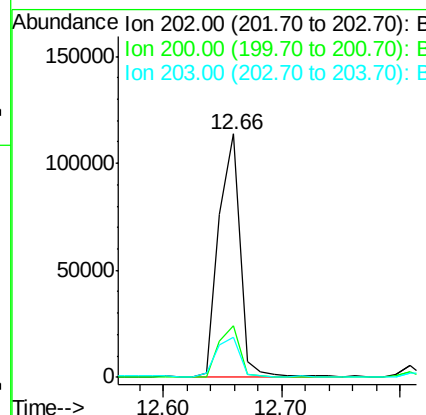
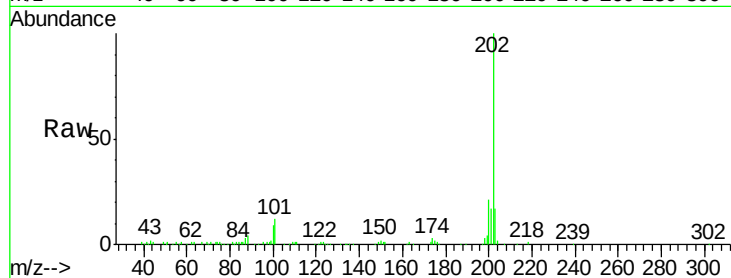
ClientSampleId :

SB-98-4.5-5.0

Tgt Ion:	202	Resp:	141450
Ion Ratio	Lower	Upper	
202	100		
200	21.0	18.4	27.6
203	16.5	15.0	22.6

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#78

Terphenyl-d14

Concen: 100.64 ng

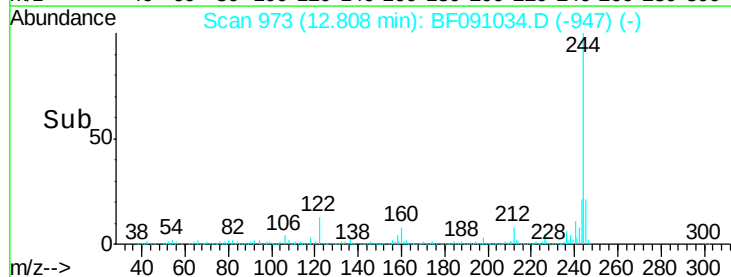
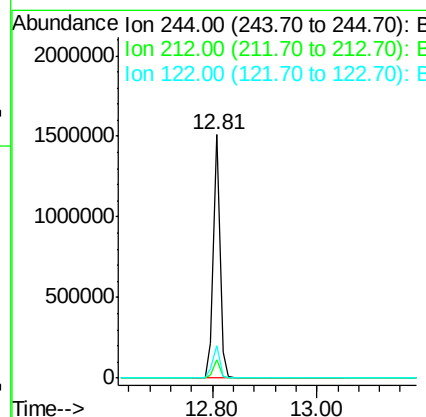
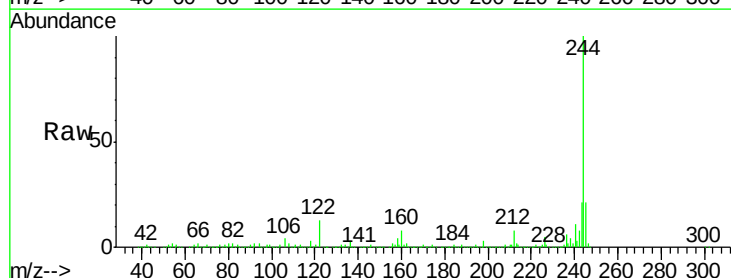
RT: 12.81 min Scan# 973

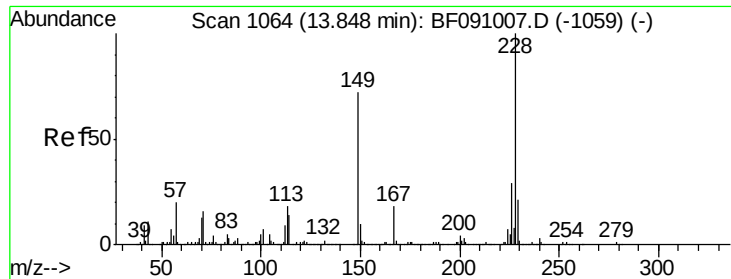
Delta R.T. 0.00 min

Lab File: BF091034.D

Acq: 4 Nov 2016 21:35

Tgt Ion:	244	Resp:	1328273
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.4	9.6
122	13.1	12.3	18.5





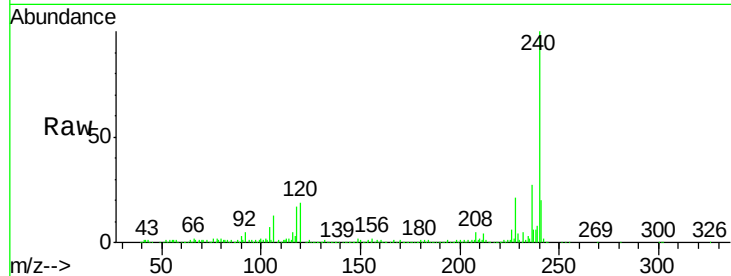
#80
Benzo(a)anthracene
Concen: 5.17 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091034.D
Acq: 4 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
SB-98-4.5-5.0

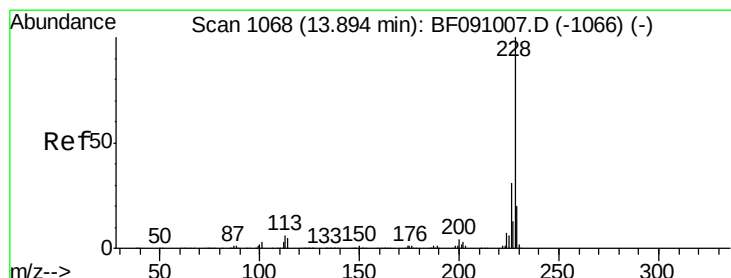
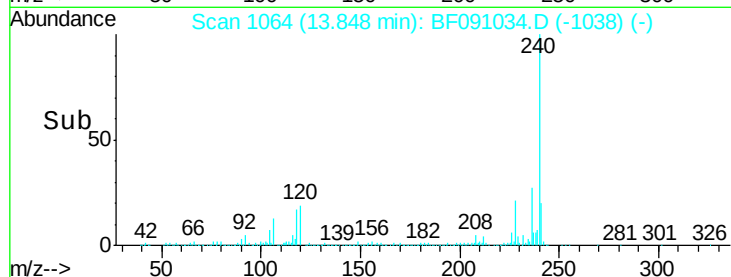
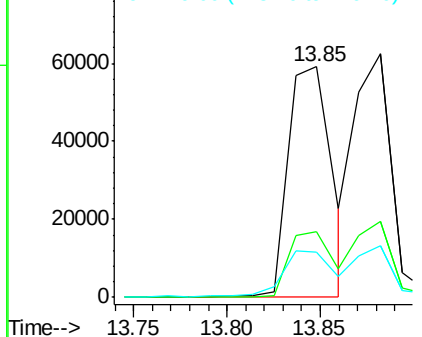
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	19.8	16.6	24.8

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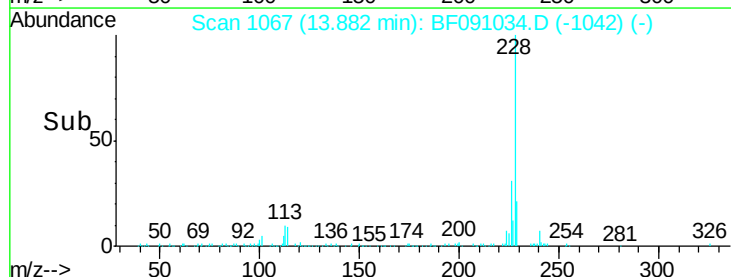
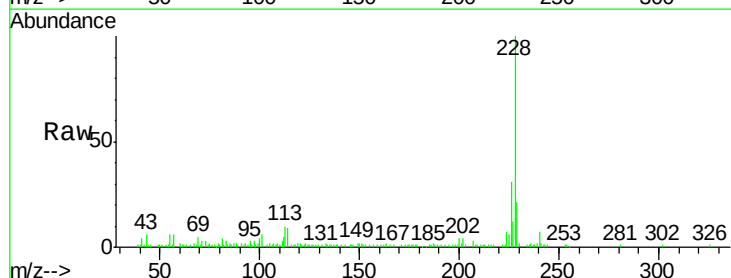
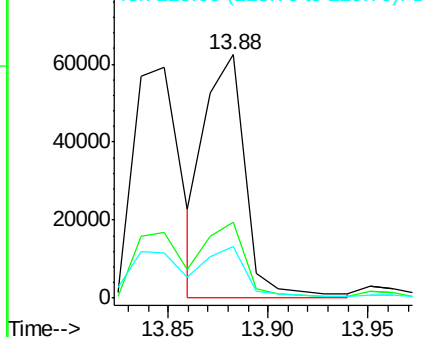
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

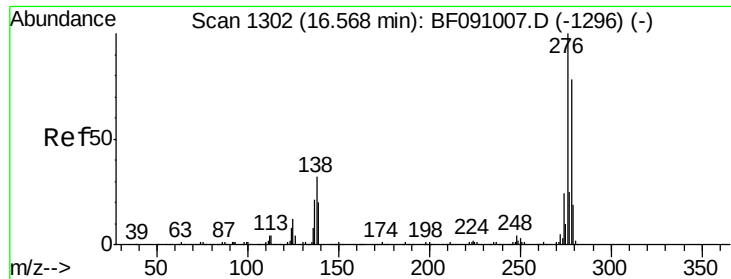


#82
Chrysene
Concen: 4.74 ng m
RT: 13.88 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF091034.D
Acq: 4 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	21.1	15.9	23.9

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





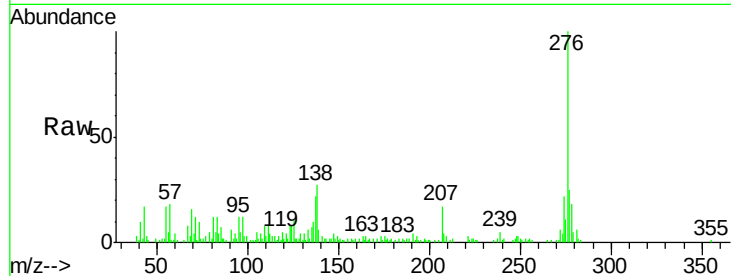
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.83 ng
 RT: 16.55 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF091034.D
 Acq: 4 Nov 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-98-4.5-5.0

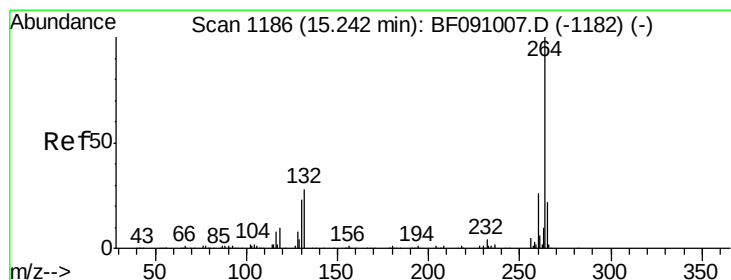
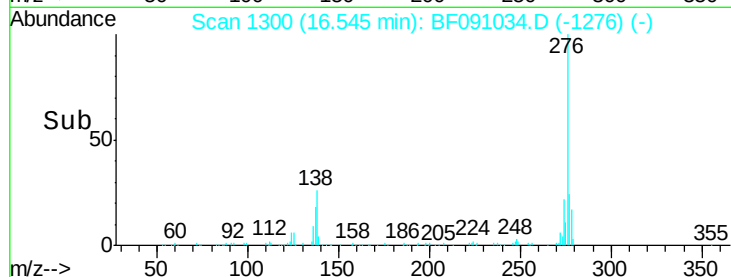
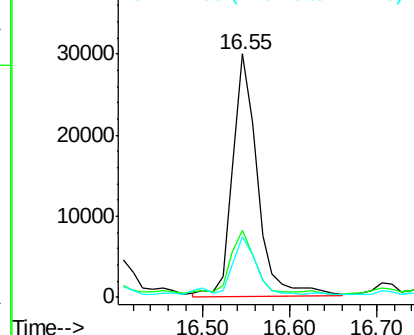
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	26.0	39.0
277	27.6	20.1	30.1

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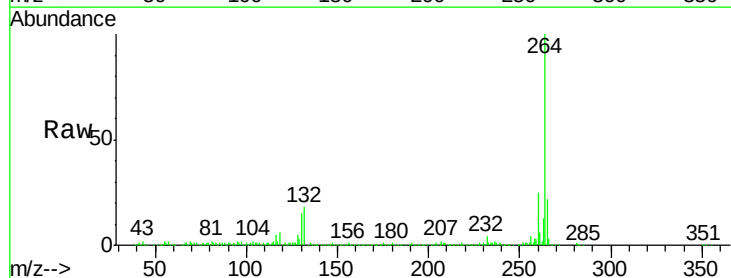


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

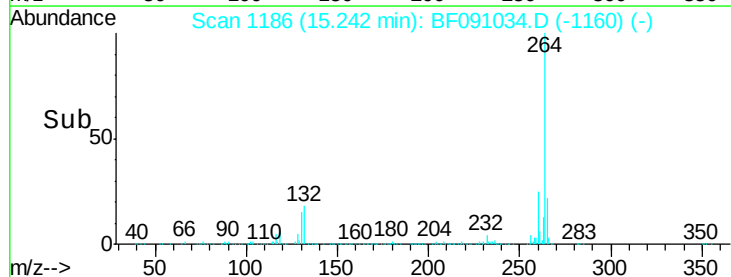
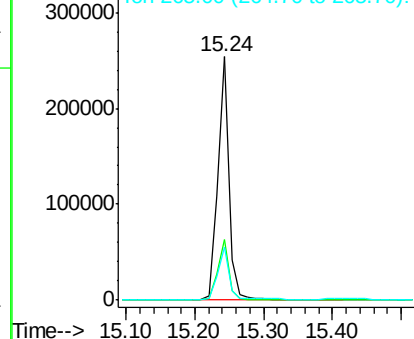


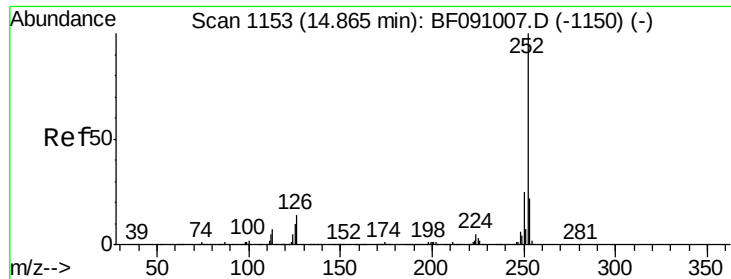
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF091034.D
 Acq: 4 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	21.8	17.8	26.8



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





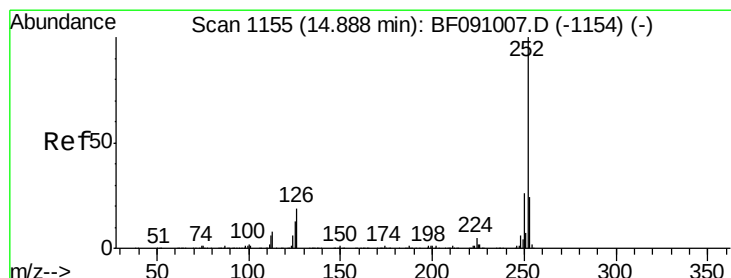
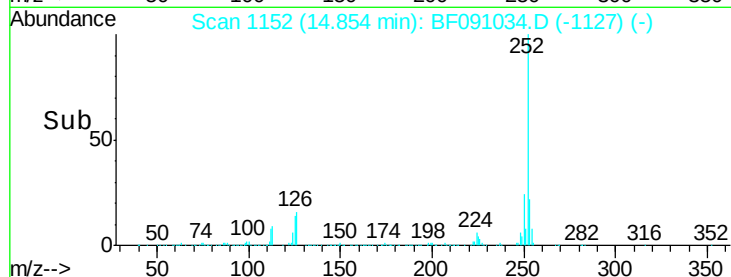
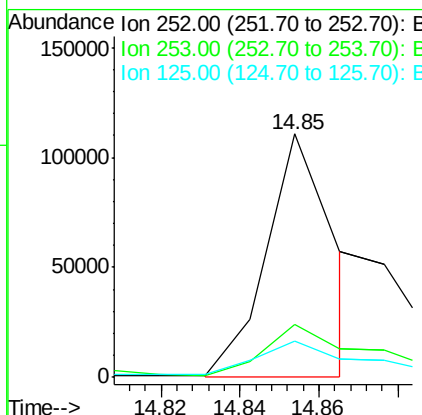
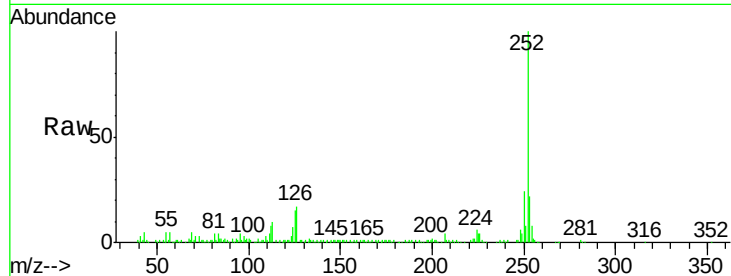
#87
Benzo(b)fluoranthene
Concen: 6.68 ng m
RT: 14.85 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF091034.D
Acq: 4 Nov 2016 21:35

Instrument :
BNA_F
ClientSampled :
SB-98-4.5-5.0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	15.1	8.3	12.5

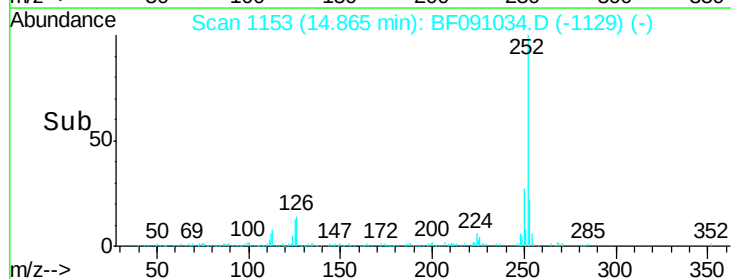
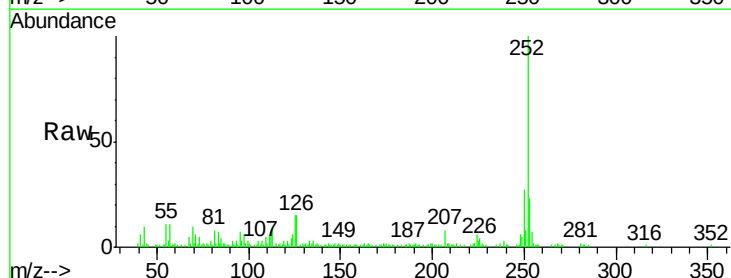
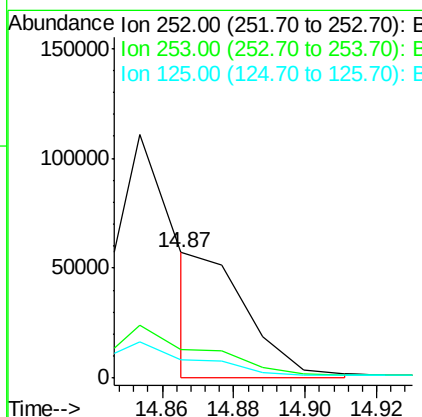
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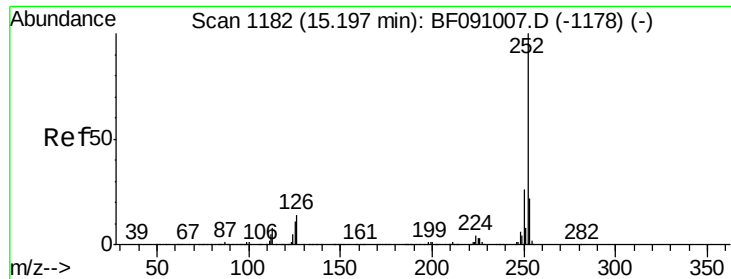
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#88
Benzo(k)fluoranthene
Concen: 2.99 ng m
RT: 14.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF091034.D
Acq: 4 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	14.7	11.2	16.8





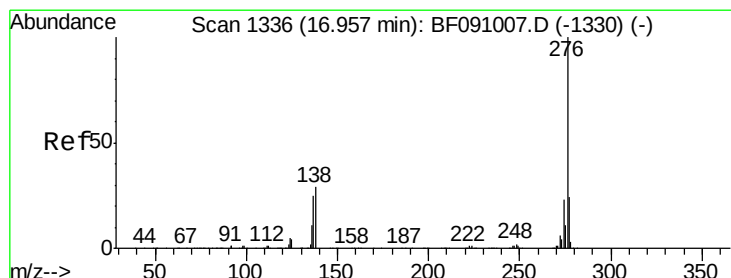
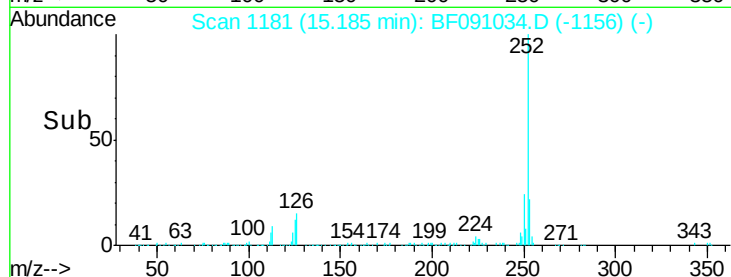
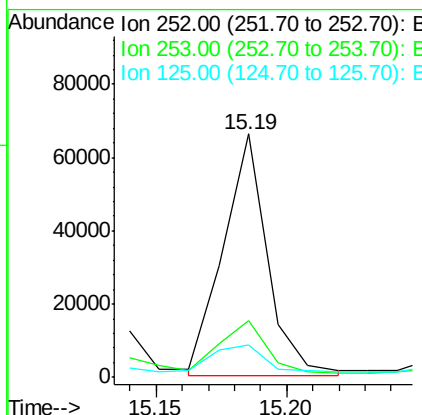
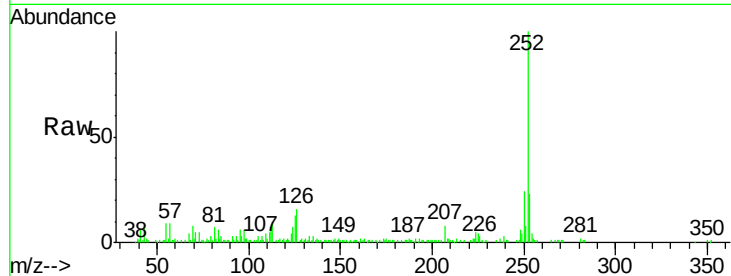
#89
Benzo(a)pyrene
Concen: 4.49 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF091034.D
Acq: 4 Nov 2016 21:35

Instrument :
BNA_F
ClientSampleId :
SB-98-4.5-5.0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	13.3	8.6	13.0

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#91
Benzo(g,h,i)perylene
Concen: 4.05 ng
RT: 16.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF091034.D
Acq: 4 Nov 2016 21:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	29.7	23.3	34.9

