

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094703.D
 Acq On : 29 Apr 2017 00:08
 Operator : SJ/MA
 Sample : I2895-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-2.0-3.0

Manual Integrations
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Quant Time: Apr 29 04:29:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	111804	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	432595	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	177552	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	273682	20.00	ng	0.00
75) Chrysene-d12	14.47	240	221121	20.00	ng	0.00
86) Perylene-d12	16.10	264	168250	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	945501	140.30	ng	0.03
7) Phenol-d6	5.40	99	1165582	146.71	ng	0.00
23) Nitrobenzene-d5	6.42	82	681451	97.27	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	189874	136.72	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1171327	97.07	ng	0.00
78) Terphenyl-d14	13.20	244	782032	94.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.08	163	104674	7.91	ng	98
74) Fluoranthene	12.71	202	39614	2.48	ng	98
77) Pyrene	12.98	202	38761	2.51	ng	96
82) Chrysene	14.50	228	24166	2.06	ng	# 93
87) Benzo(b)fluoranthene	15.70	252	29087m	2.83	ng	

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

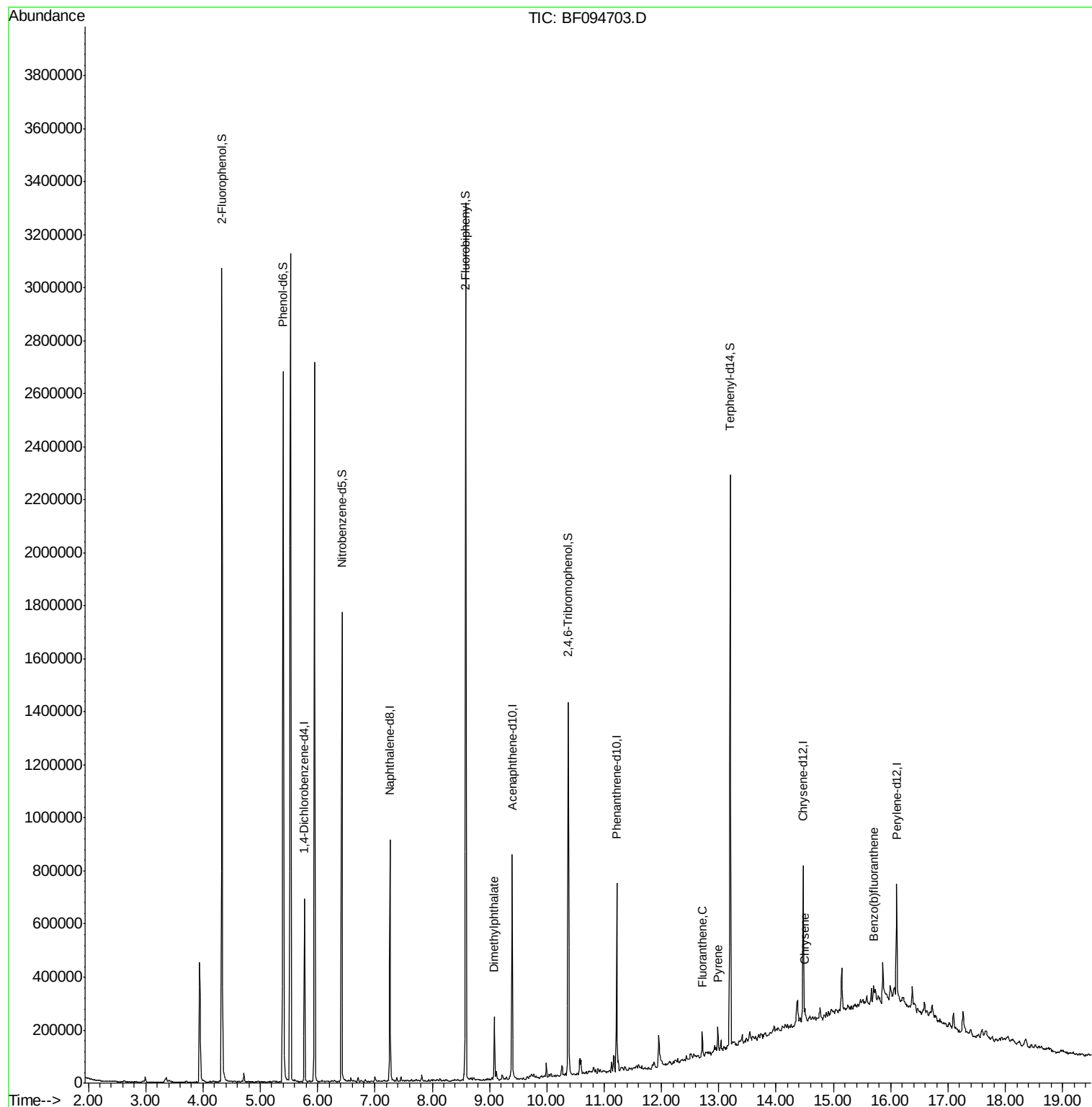
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

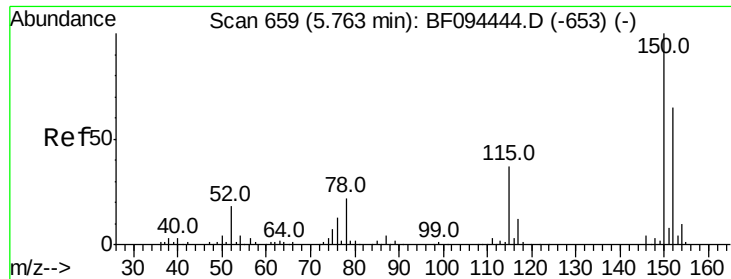
Instrument :
BNA_F
ClientSampleId :
SB-01-2.0-3.0

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#1

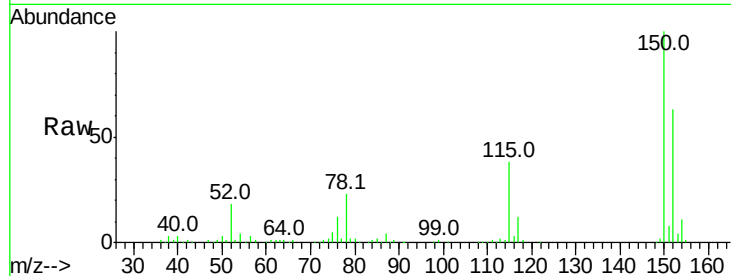
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094703.D
Acq: 29 Apr 2017 00:08

Instrument :
BNA_F
ClientSampled :
SB-01-2.0-3.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	60.0	52.2	78.2

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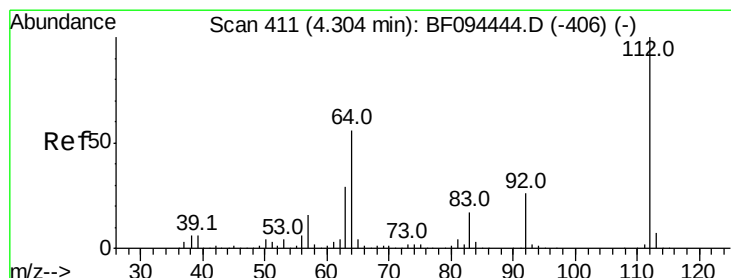
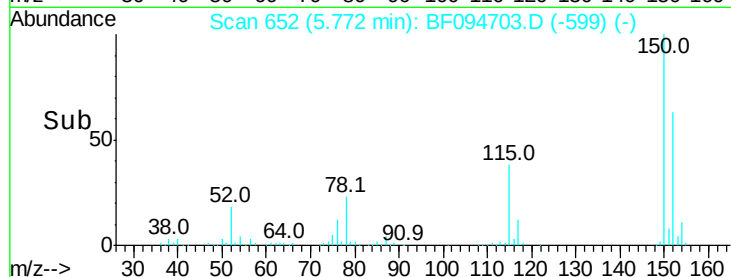
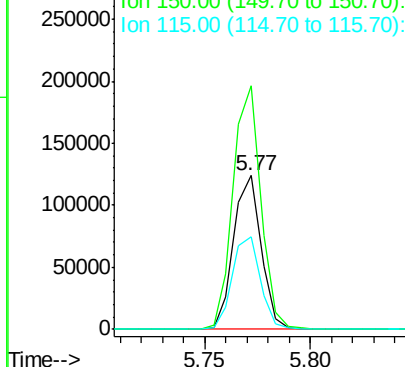


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

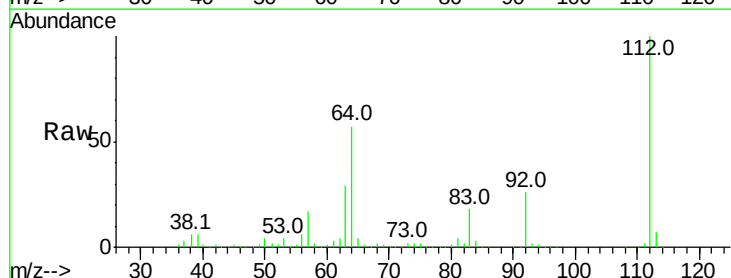
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.30 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094703.D
Acq: 29 Apr 2017 00:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	28.8	23.4	35.0

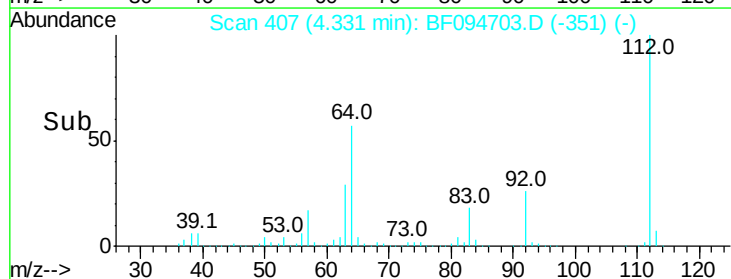
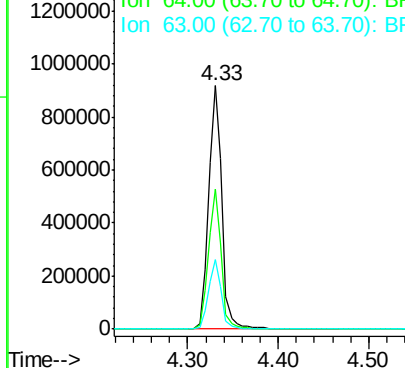


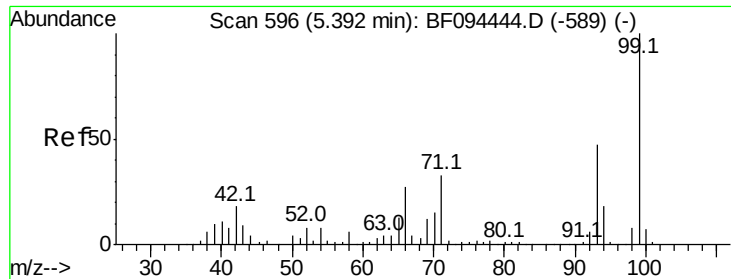
Abundance

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: 146.71 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094703.D

Acq: 29 Apr 2017 00:08

Instrument :

BNA_F

ClientSampleId :

SB-01-2.0-3.0

Tot Ion: 99 Resp: 1165582

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

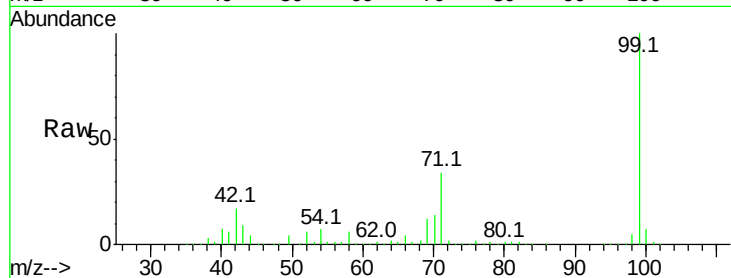
71 33.7 24.5 36.7

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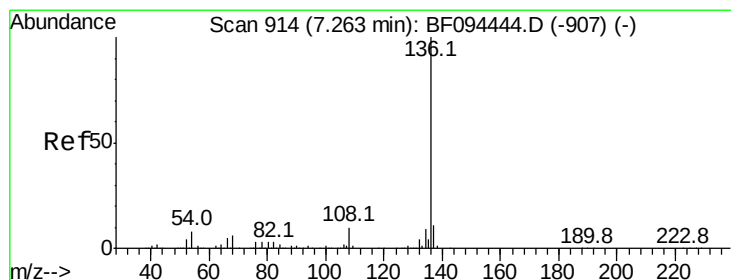
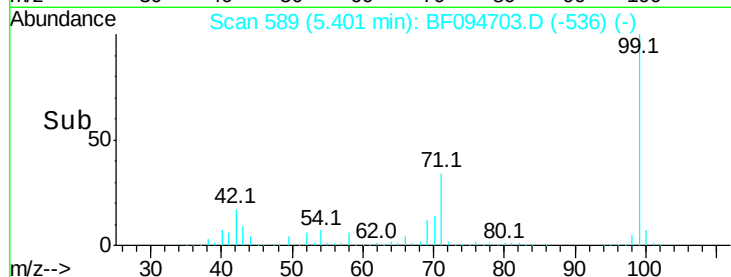
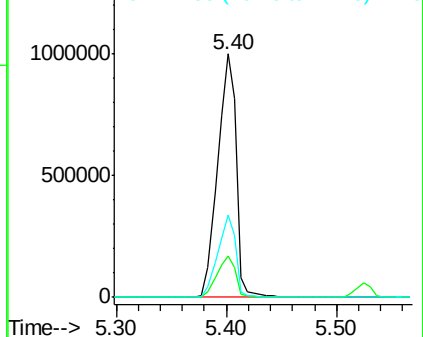
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094703.D

Acq: 29 Apr 2017 00:08

Tgt Ion: 136 Resp: 432595

Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 7.2 4.9 7.3

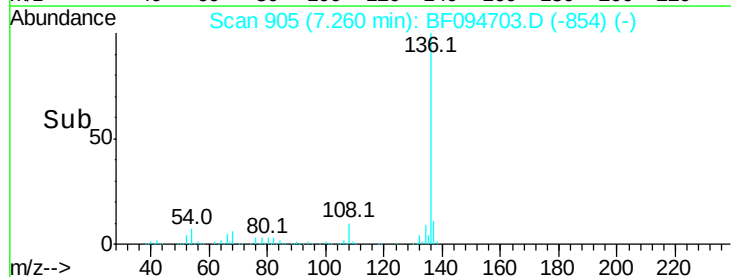
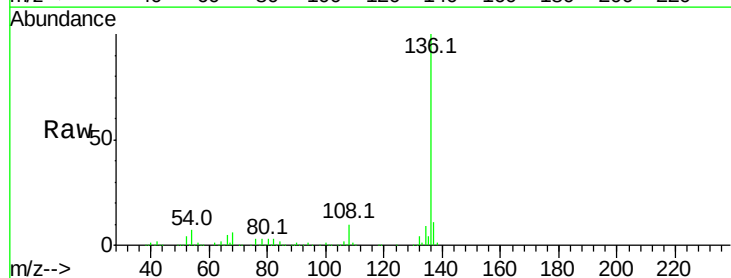
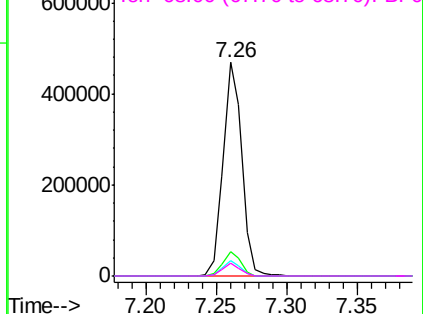
68 5.9 4.1 6.1

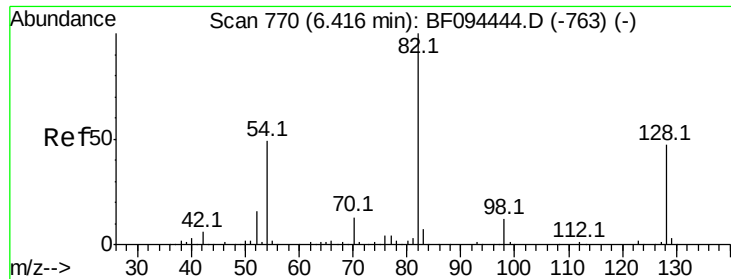
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





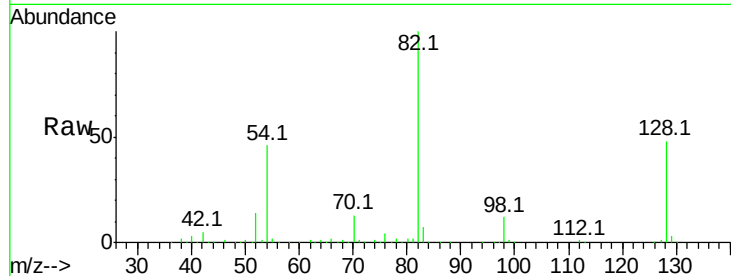
#23
 Nitrobenzene-d5
 Concen: 97.27 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094703.D
 Acq: 29 Apr 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-2.0-3.0

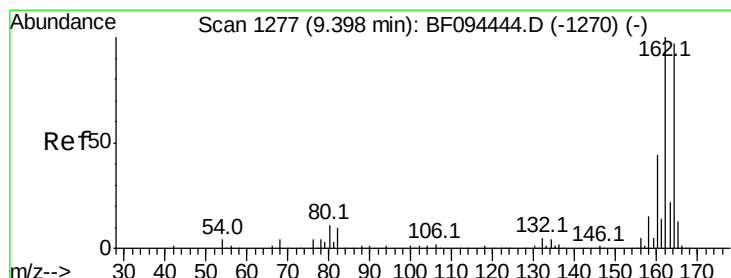
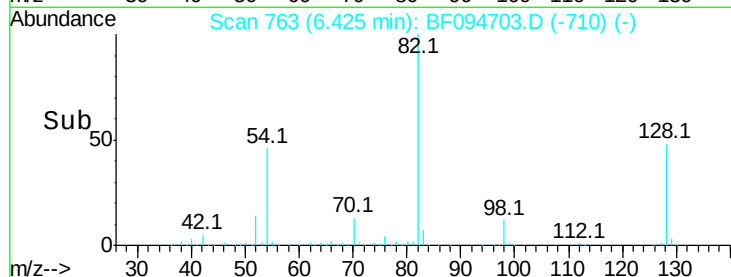
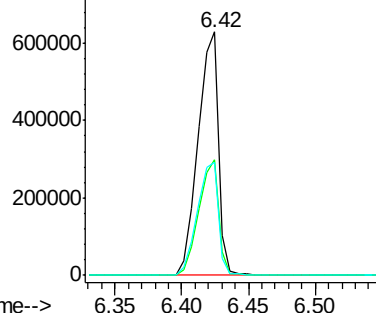
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	46.5	42.2	63.2

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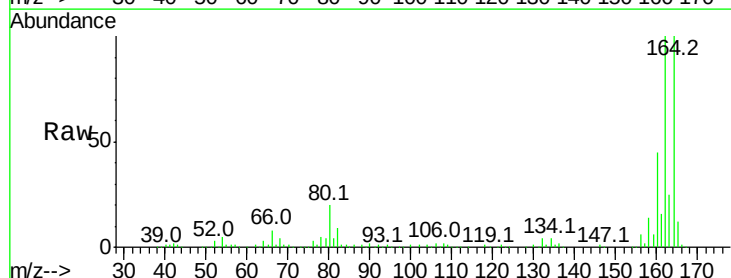


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

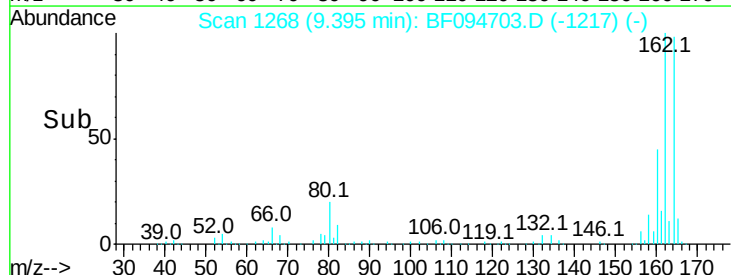
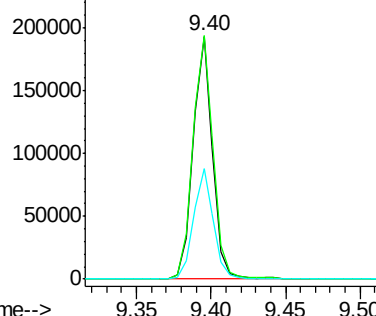


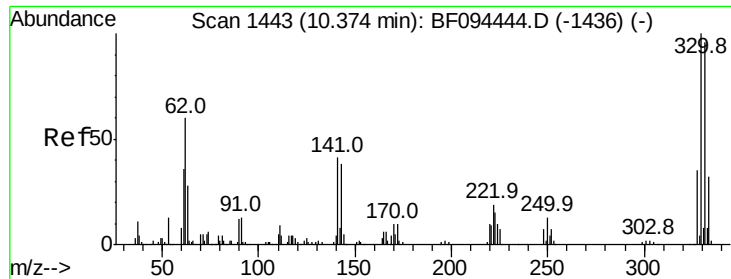
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094703.D
 Acq: 29 Apr 2017 00:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	123.8
160	45.5	36.2	54.2



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: 136.72 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094703.D

Acq: 29 Apr 2017 00:08

Instrument :

BNA_F

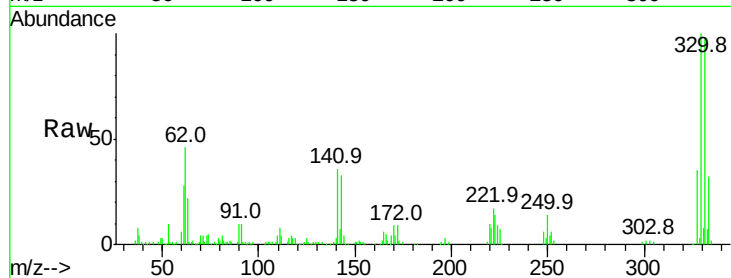
ClientSampleId :

SB-01-2.0-3.0

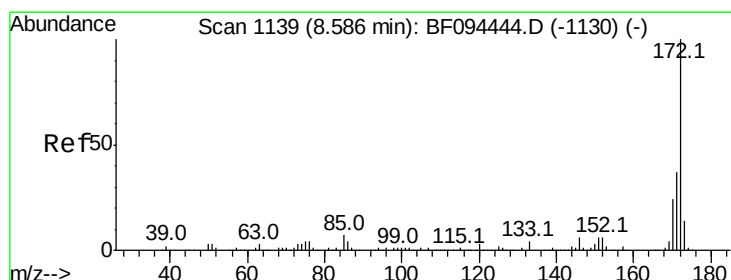
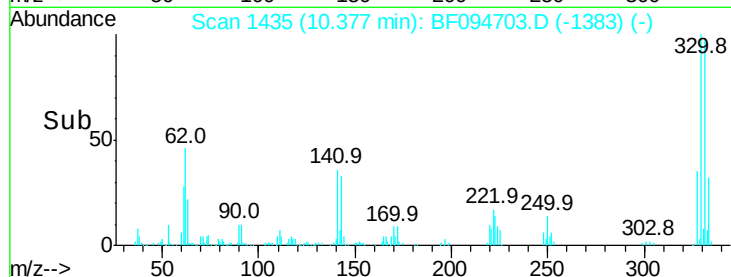
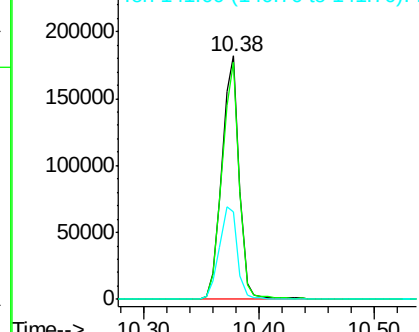
Tot Ion:	330	Resp:	189874
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.6	115.0
141	39.7	31.4	47.2

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



#44

2-Fluorobiphenyl

Concen: 97.07 ng

RT: 8.58 min Scan# 1130

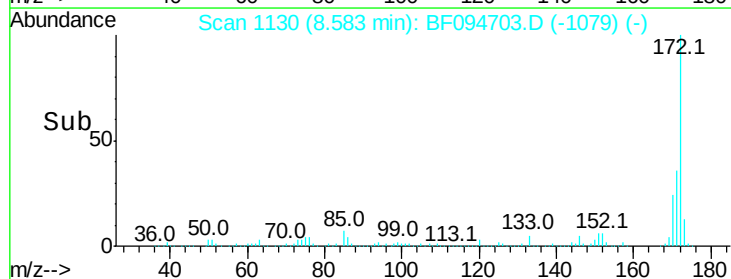
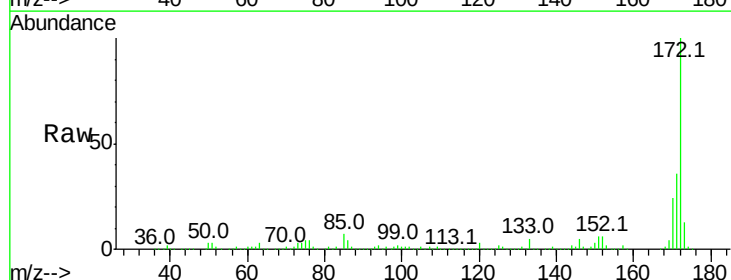
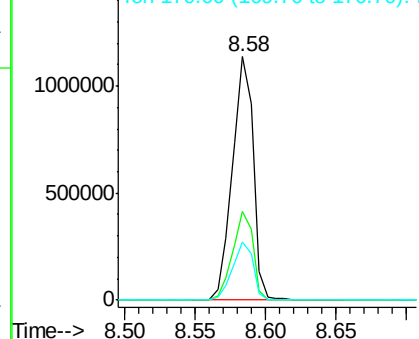
Delta R.T. -0.00 min

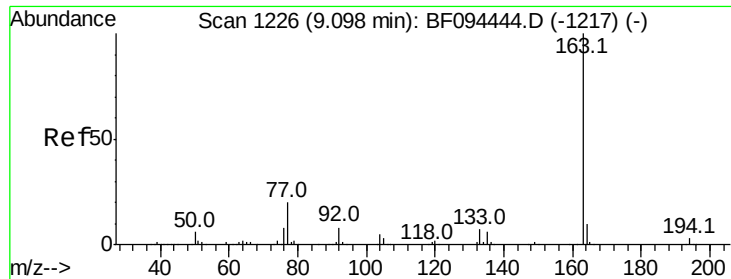
Lab File: BF094703.D

Acq: 29 Apr 2017 00:08

Tgt Ion:	172	Resp:	1171327
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





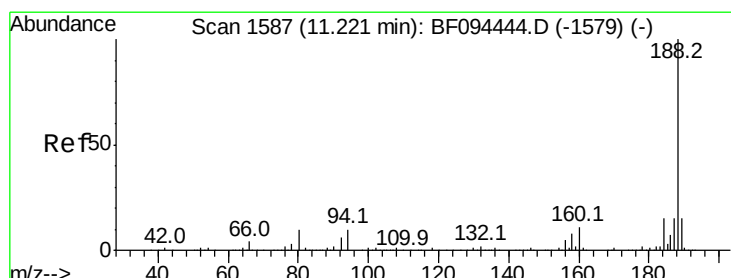
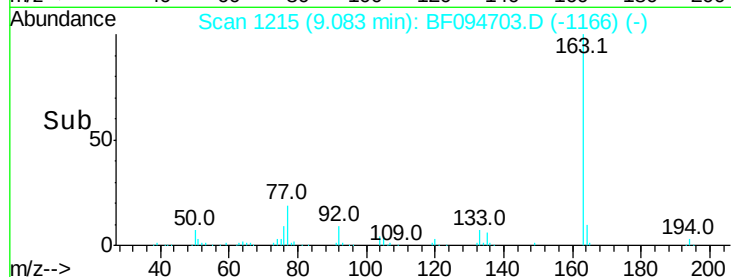
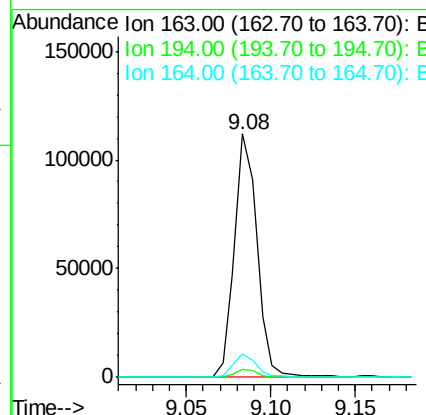
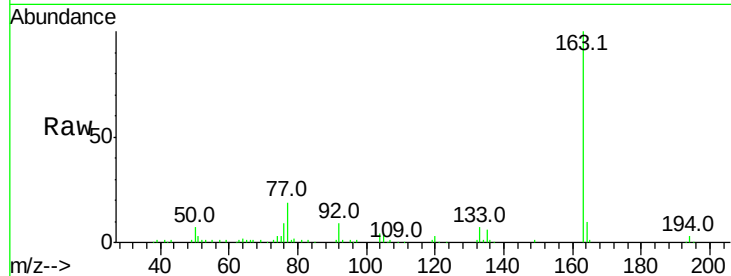
#49
Dimethylphthalate
Concen: 7.91 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094703.D
Acq: 29 Apr 2017 00:08

Instrument :
BNA_F
ClientSampleId :
SB-01-2.0-3.0

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.7	8.4	12.6	

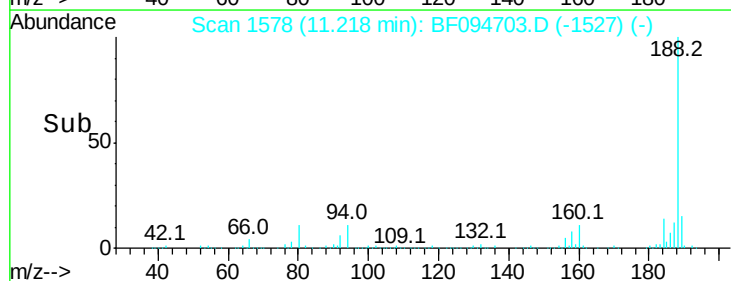
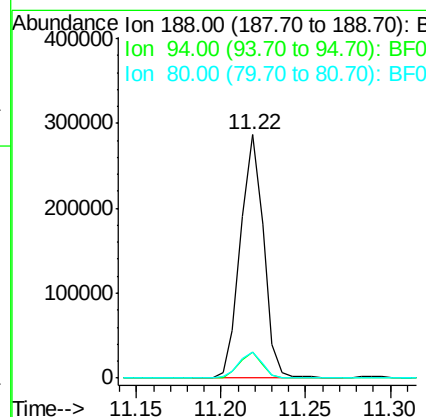
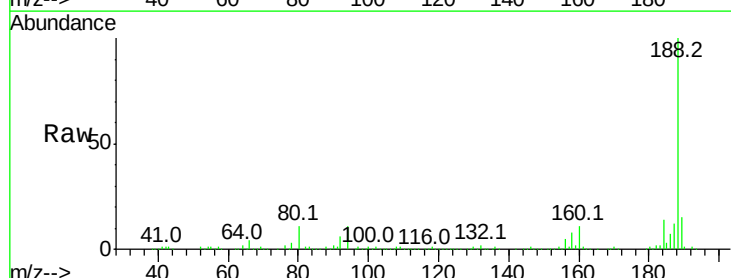
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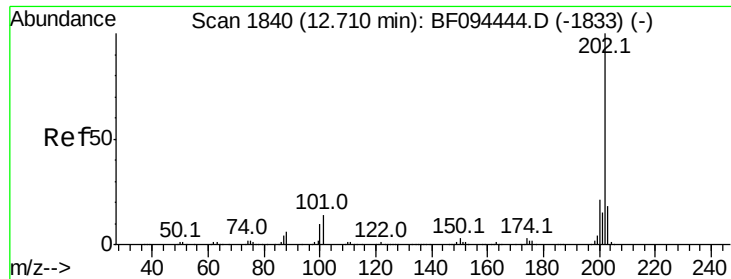
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094703.D
Acq: 29 Apr 2017 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	10.9	10.2	15.2	





#74

Fluoranthene

Concen: 2.48 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094703.D

Acq: 29 Apr 2017 00:08

Instrument :

BNA_F

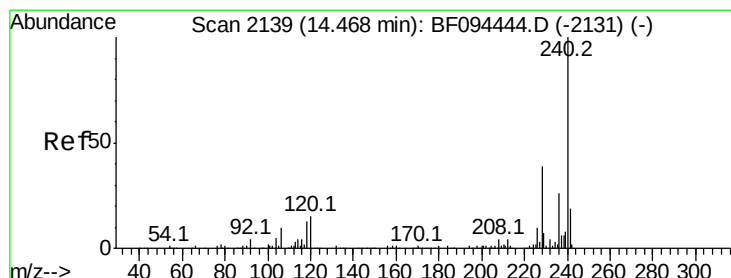
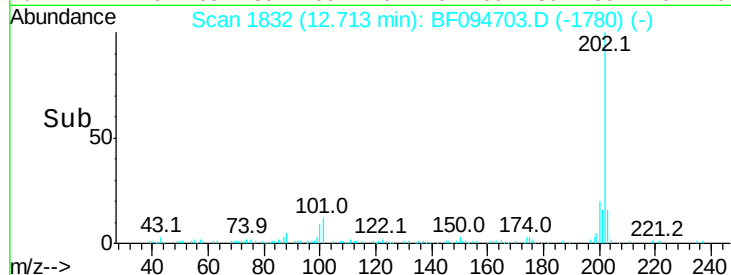
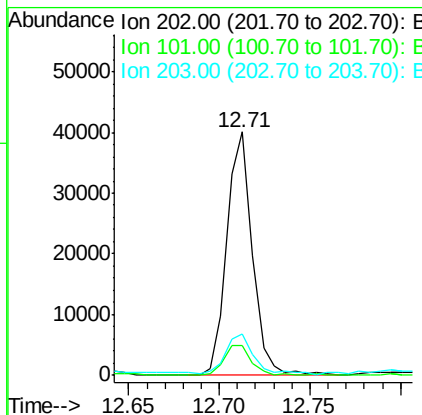
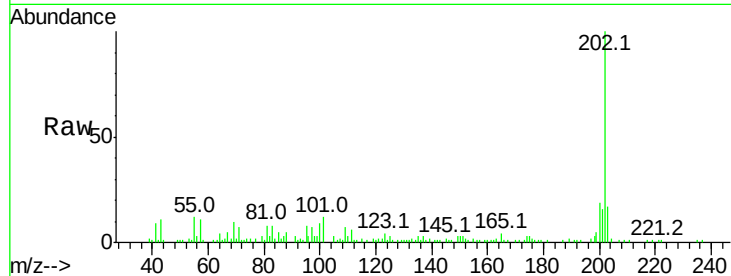
ClientSampleId :

SB-01-2.0-3.0

Tot Ion:	202	Resp:	39614
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	33.2
203	17.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

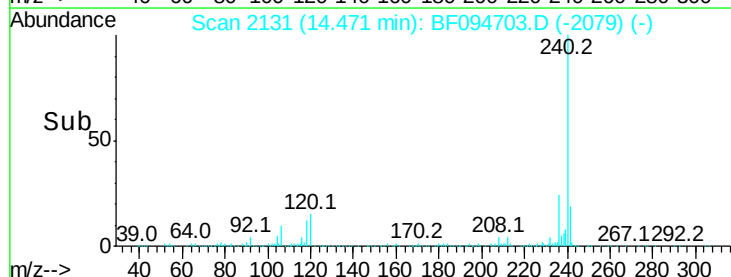
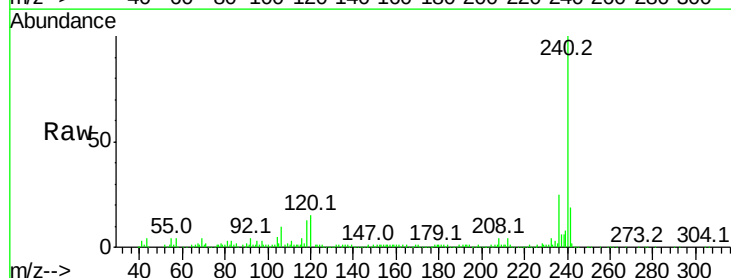
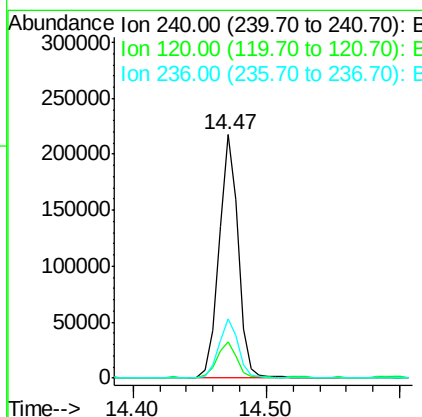
RT: 14.47 min Scan# 2131

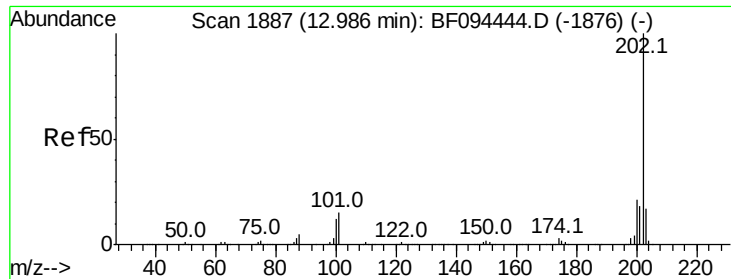
Delta R.T. 0.00 min

Lab File: BF094703.D

Acq: 29 Apr 2017 00:08

Tgt Ion:	240	Resp:	221121
Ion Ratio	Lower	Upper	
240	100		
120	15.0	5.8	8.8#
236	24.6	20.5	30.7





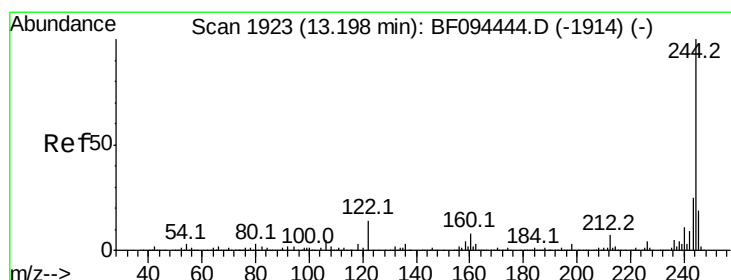
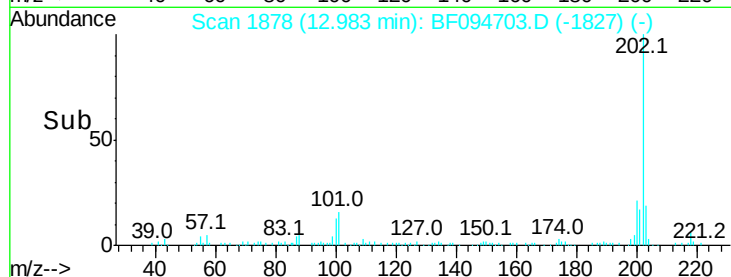
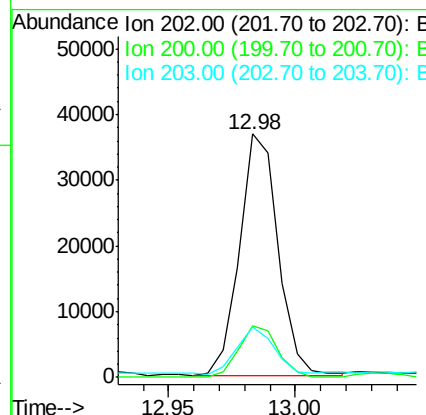
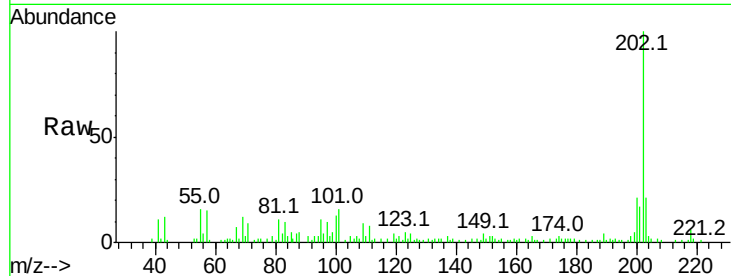
#77
Pvrene
Concen: 2.51 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094703.D
Acq: 29 Apr 2017 00:08

Instrument :
BNA_F
ClientSampleId :
SB-01-2.0-3.0

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	20.6	14.4	21.6

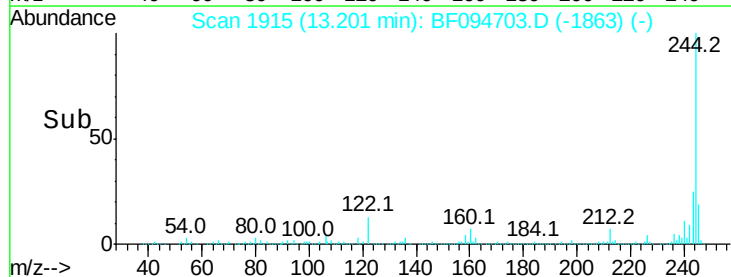
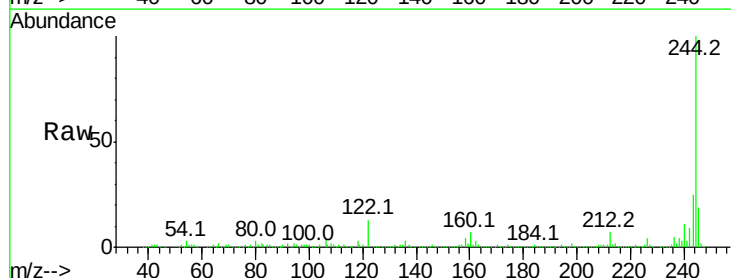
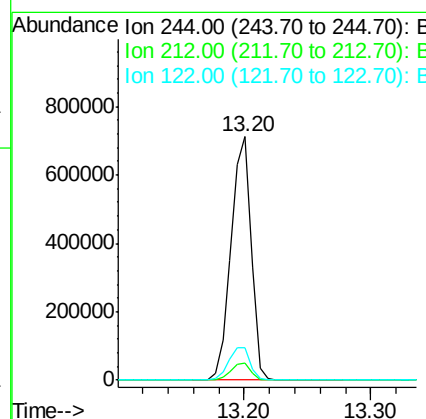
Manual Integrations
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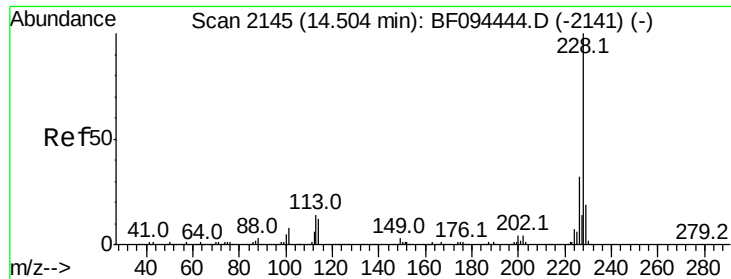
mohammad
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#78
Terphenyl-d14
Concen: 94.53 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094703.D
Acq: 29 Apr 2017 00:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.2	10.3	15.5





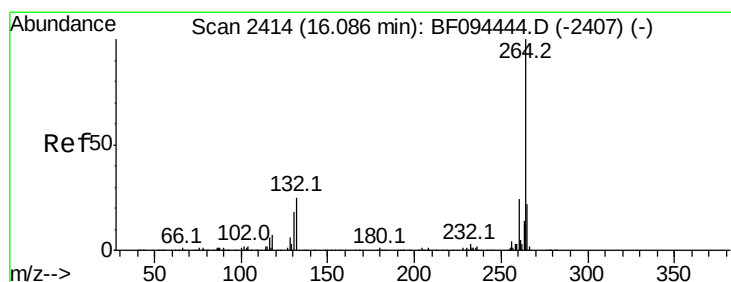
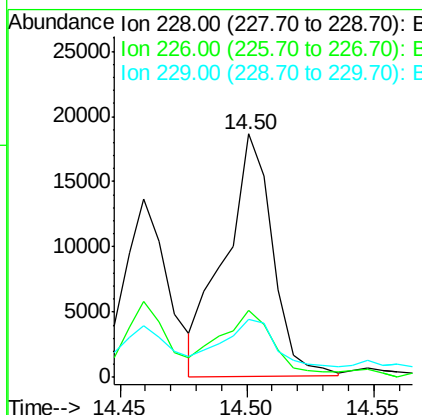
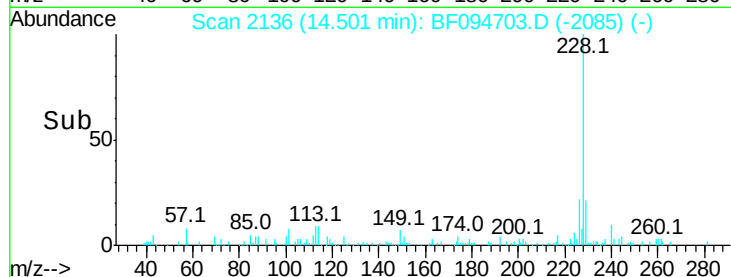
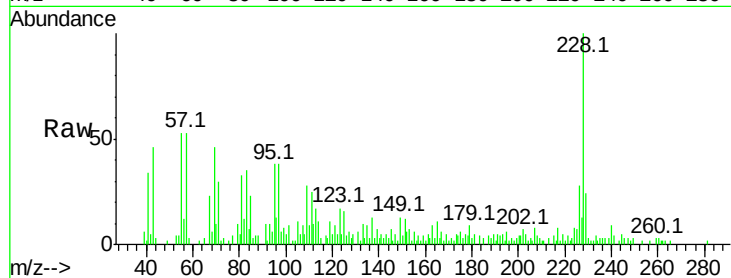
#82
Chrysene
Concen: 2.06 ng
RT: 14.50 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BF094703.D
Acq: 29 Apr 2017 00:08

Instrument :
BNA_F
ClientSampleId :
SB-01-2.0-3.0

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.9	37.3
229	23.9	15.8	23.6

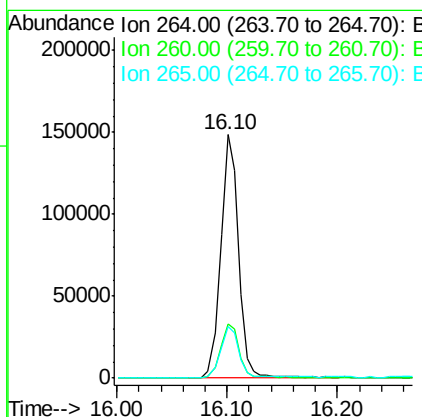
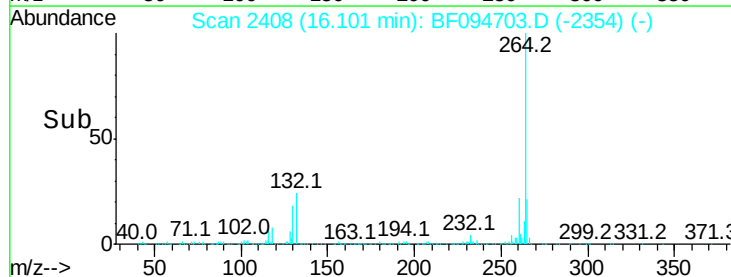
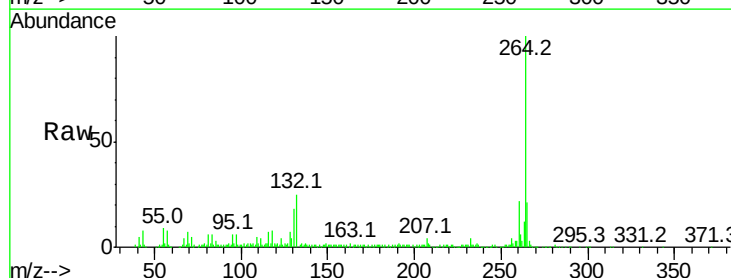
Manual Integrations
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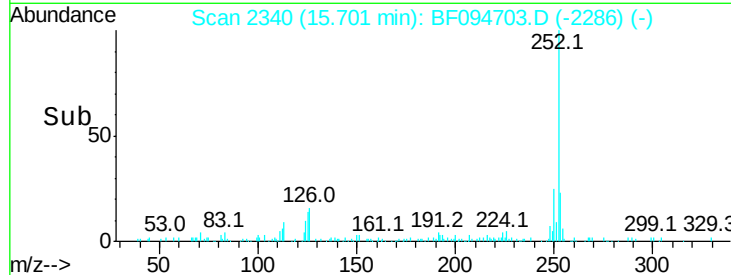
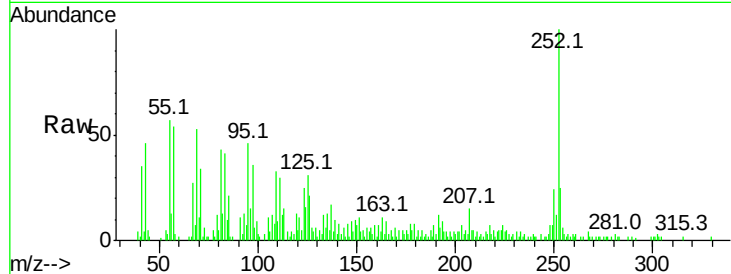
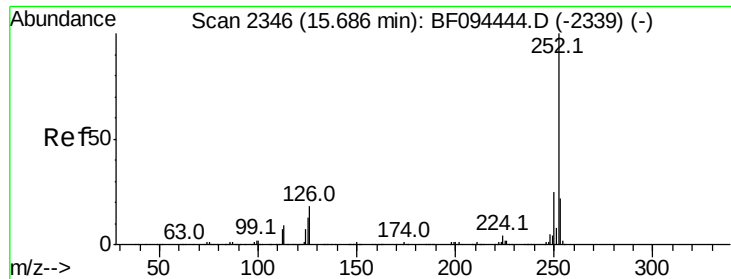
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094703.D
Acq: 29 Apr 2017 00:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.83 ng m

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094703.D

Acq: 29 Apr 2017 00:08

Instrument :

BNA_F

ClientSampleId :

SB-01-2.0-3.0

Tot Ion: 252 Resp: 29087

Ion Ratio Lower Upper

252 100

253 25.3 18.1 27.1

125 30.6 9.8 14.8#

Manual Integrations
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