

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094974.D
 Acq On : 8 May 2017 7:50
 Operator : SJ/MA
 Sample : I2947-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-0-2.0

Manual Integrations
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Quant Time: May 08 09:08:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	111608	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	449440	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	183638	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	320634	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	240195	20.00	ng	-0.02
86) Perylene-d12	20.30	264	210205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	650955	97.24	ng	-0.01
7) Phenol-d6	7.26	99	810664	100.93	ng	-0.02
23) Nitrobenzene-d5	8.62	82	513393	72.03	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	151388	100.66	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	810812	63.55	ng	-0.02
78) Terphenyl-d14	17.29	244	539324	49.46	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	19465	2.30	ng	Qvalue # 63
49) Dimethylphthalate	12.20	163	198598	13.17	ng	100
74) Fluoranthene	16.75	202	55662	2.95	ng	99
77) Pyrene	17.05	202	47471	2.64	ng	97
82) Chrysene	18.67	228	27708	2.05	ng	99
87) Benzo(b)fluoranthene	19.90	252	34755	2.68	ng	98

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

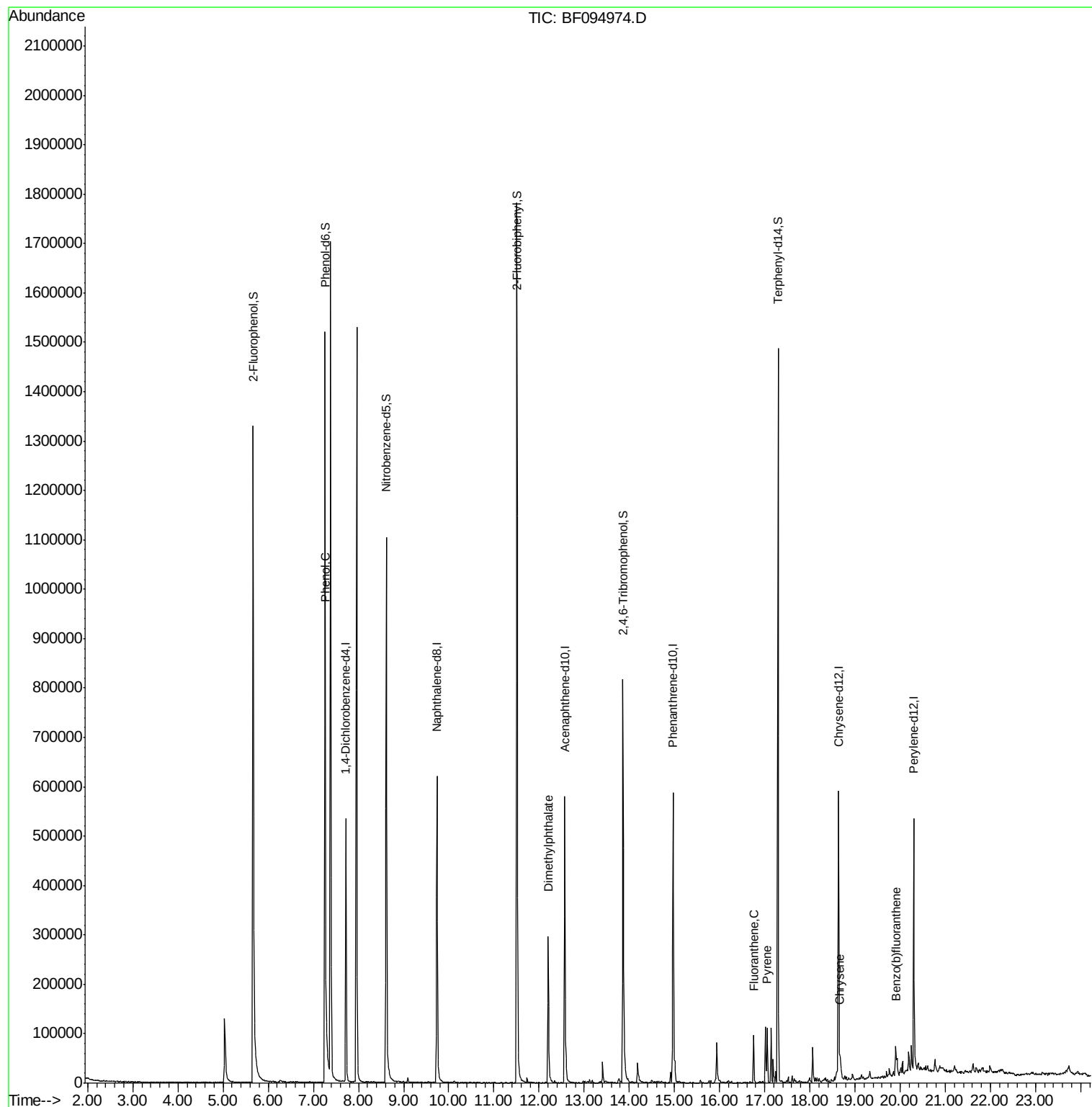
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094974.D
Acq On : 8 May 2017 7:50
Operator : SJ/MA
Sample : I2947-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

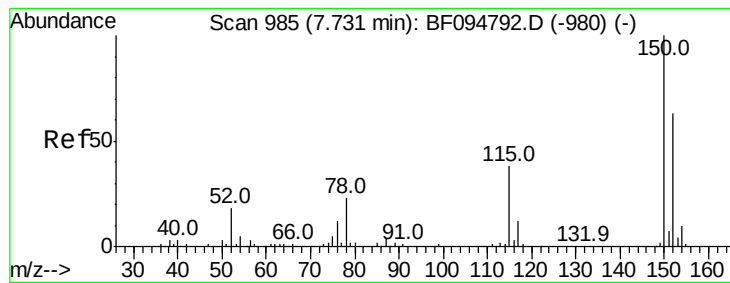
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

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Quant Time: May 08 09:08:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration





#1

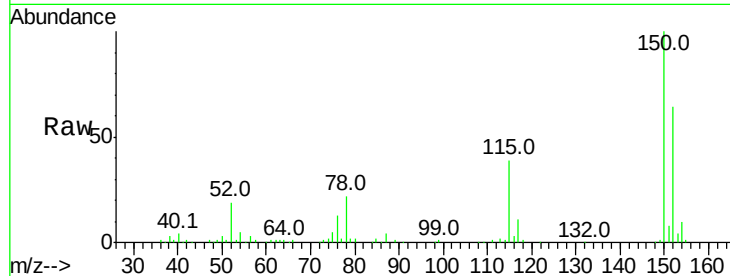
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

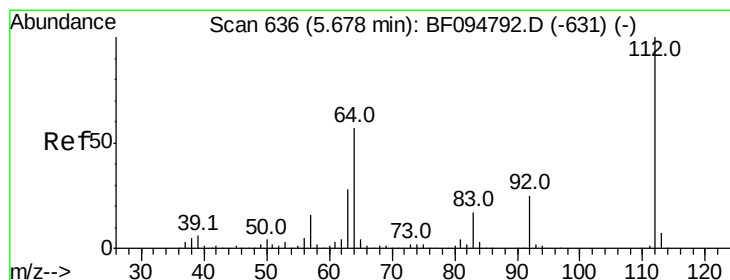
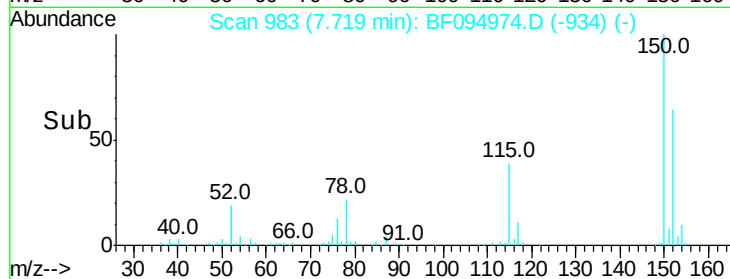
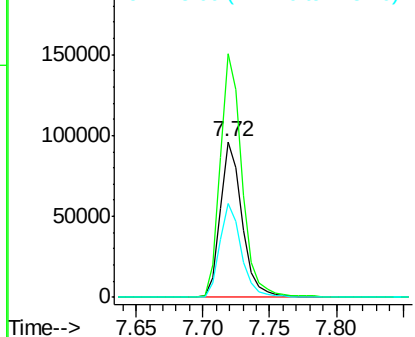
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	60.4	52.2	78.2

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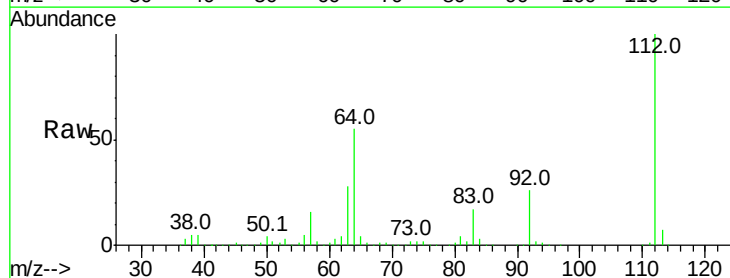
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



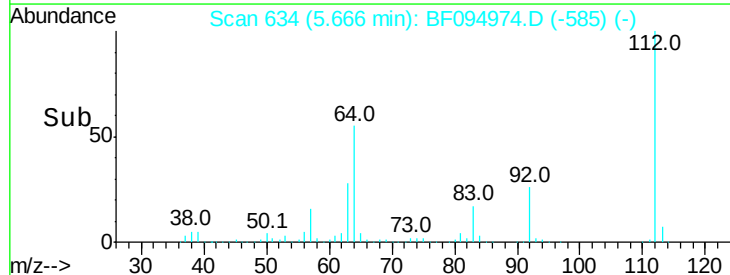
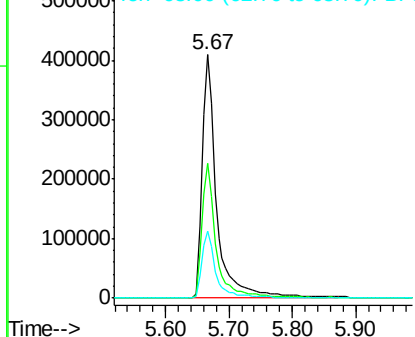
#5

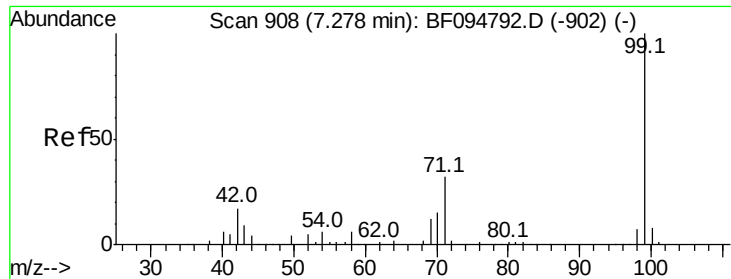
2-Fluorophenol
Concen: 97.24 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	27.7	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: 100.93 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094974.D

Acq: 8 May 2017 7:50

Instrument :

BNA_F

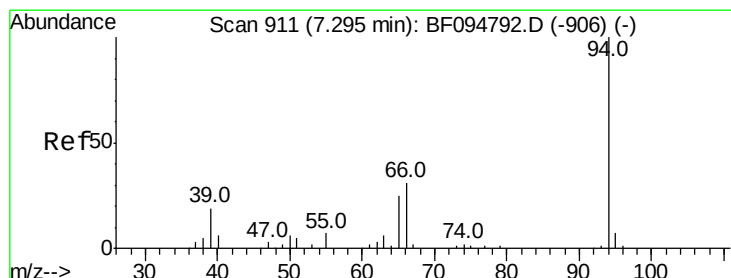
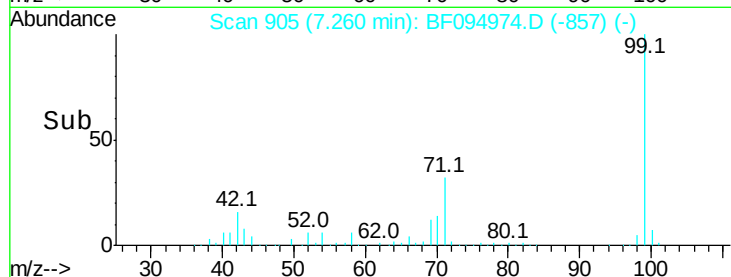
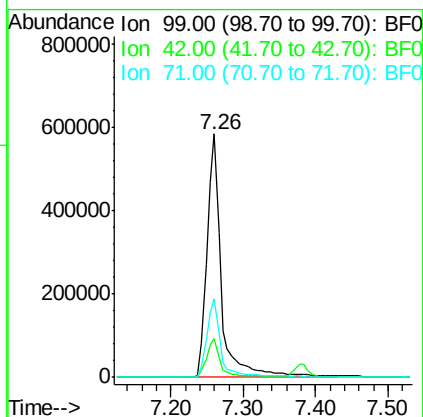
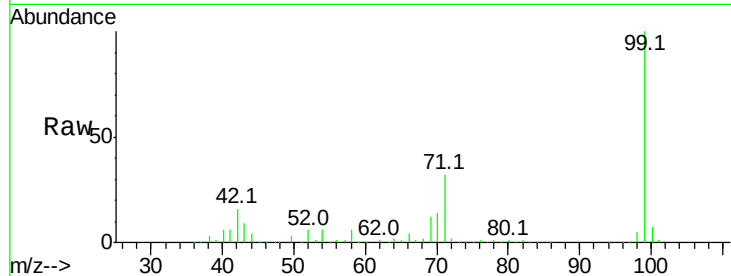
ClientSampleId :

SB-07-0-2.0

Tot Ion:	99	Resp:	810664
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	32.2	24.5	36.7

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#10

Phenol

Concen: 2.30 ng

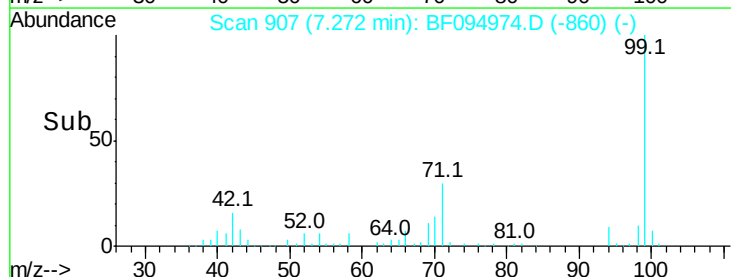
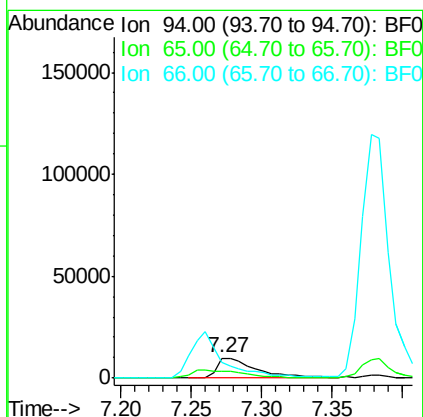
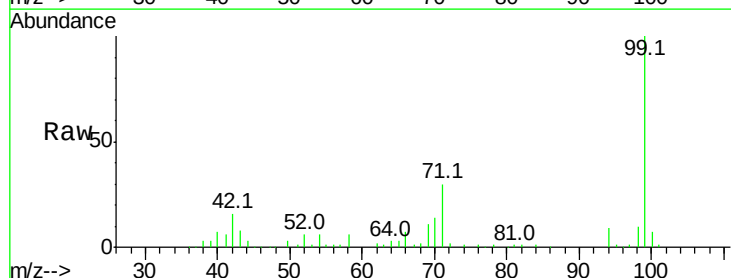
RT: 7.27 min Scan# 907

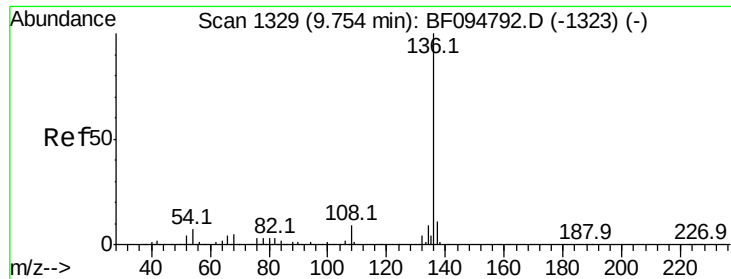
Delta R.T. -0.02 min

Lab File: BF094974.D

Acq: 8 May 2017 7:50

Tgt Ion:	94	Resp:	19465
Ion Ratio	Lower	Upper	
94	100		
65	37.1	9.9	49.9
66	76.9	23.1	63.1#





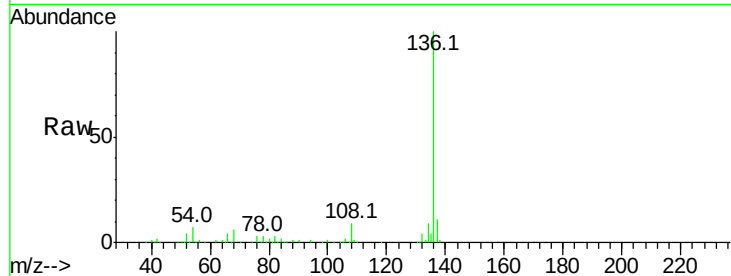
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

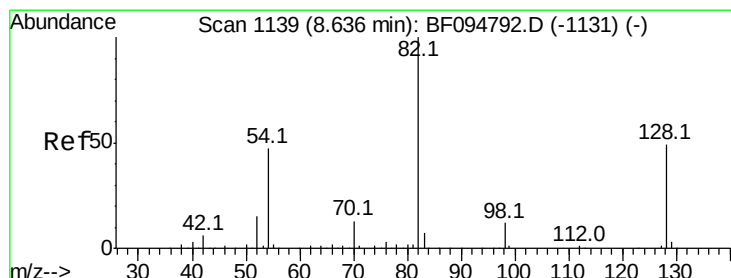
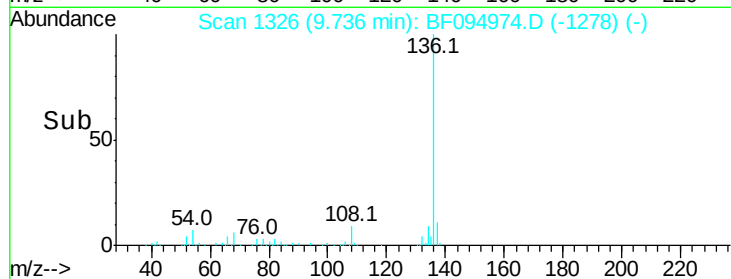
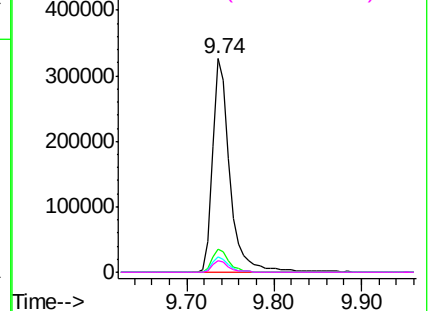
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		449440		
137	10.6		8.5	12.7	
54	7.2		4.9	7.3	
68	5.7		4.1	6.1	

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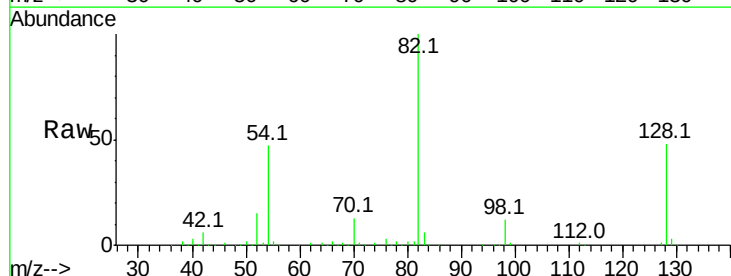


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

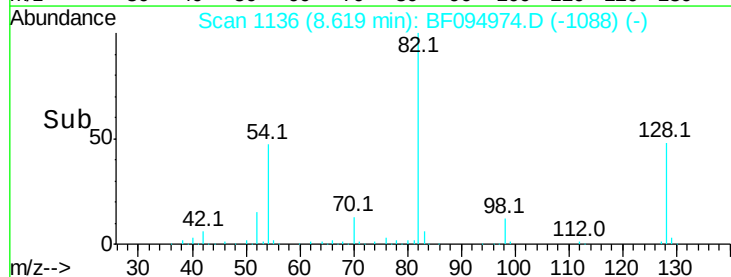
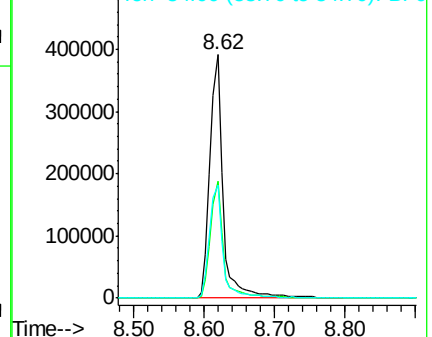


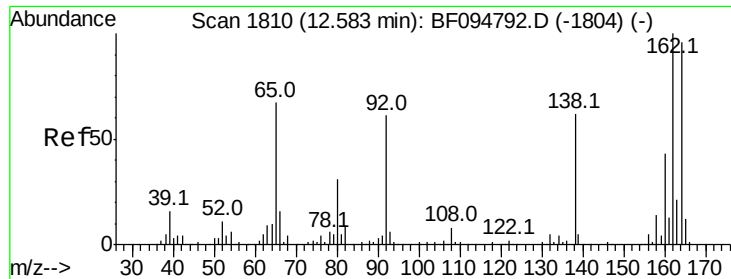
#23
Nitrobenzene-d5
Concen: 72.03 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		513393		
128	47.8		34.0	51.0	
54	46.7		42.2	63.2	



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





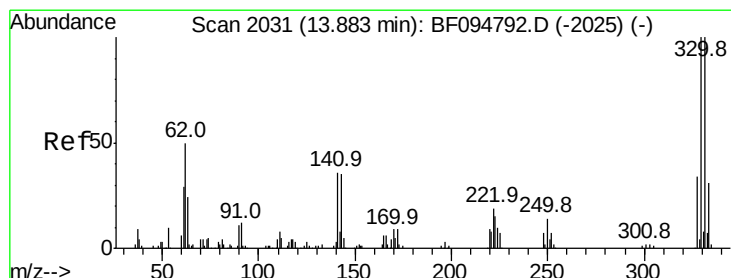
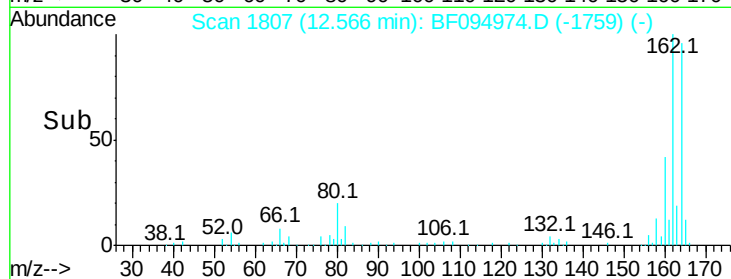
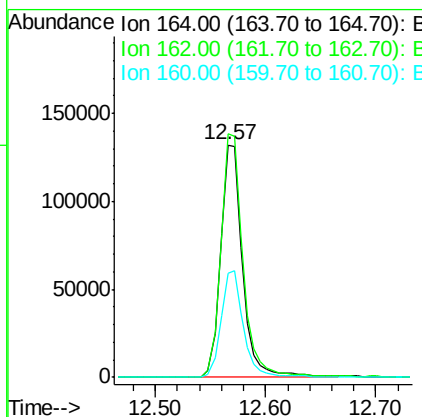
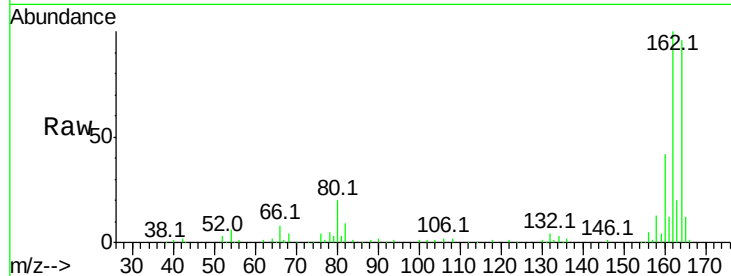
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.7	82.6	123.8	
160	44.5	36.2	54.2	

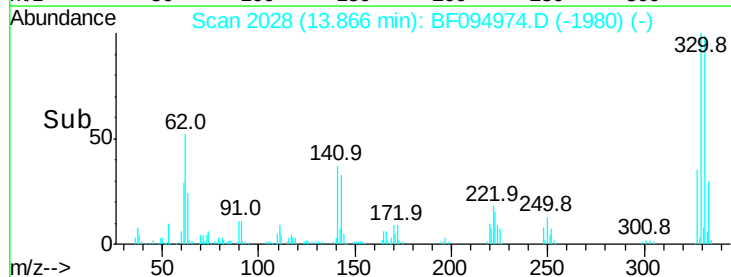
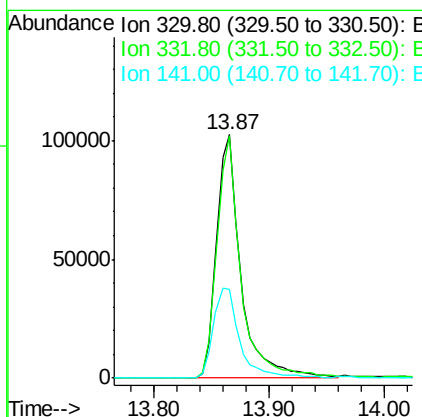
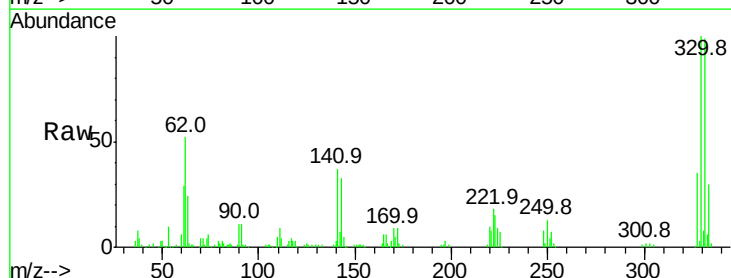
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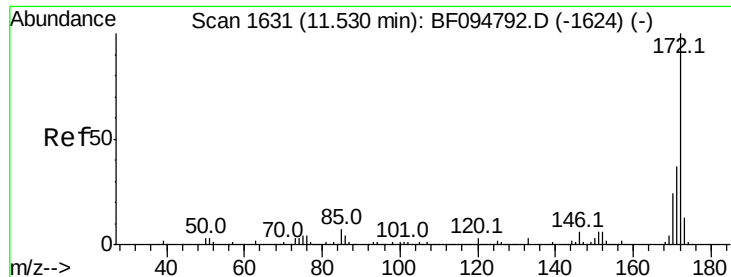
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#41
2,4,6-Tribromophenol
Concen: 100.66 ng
RT: 13.87 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.7	76.6	115.0	
141	40.2	31.4	47.2	





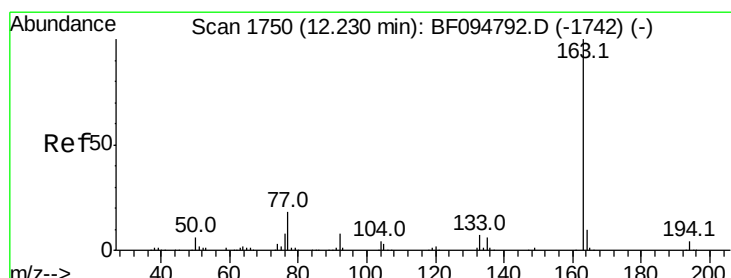
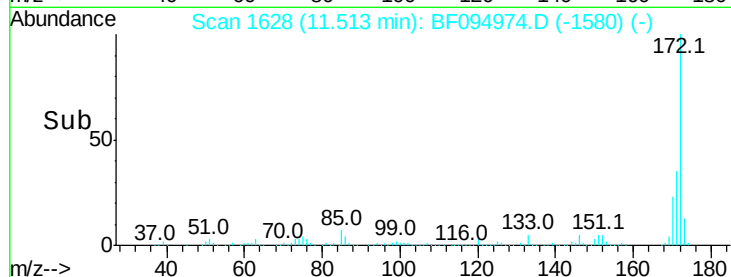
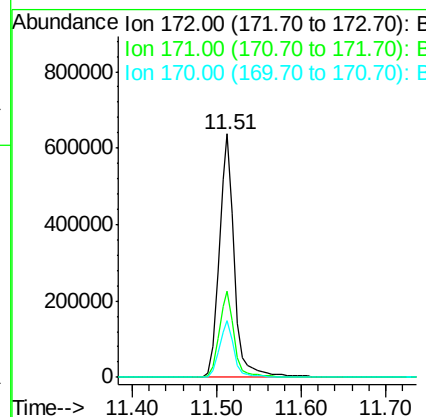
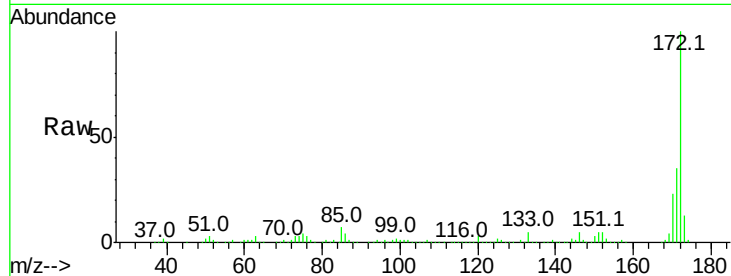
#44
2-Fluorobiphenyl
Concen: 63.55 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.6	44.4	
170	23.5	19.8	29.8	

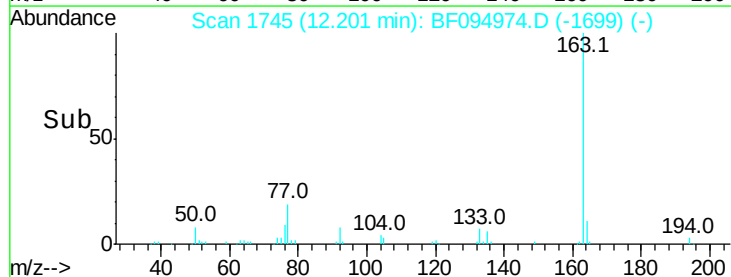
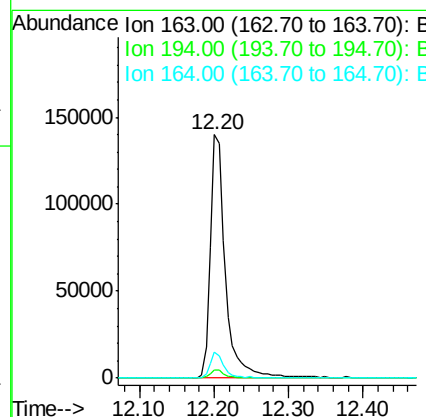
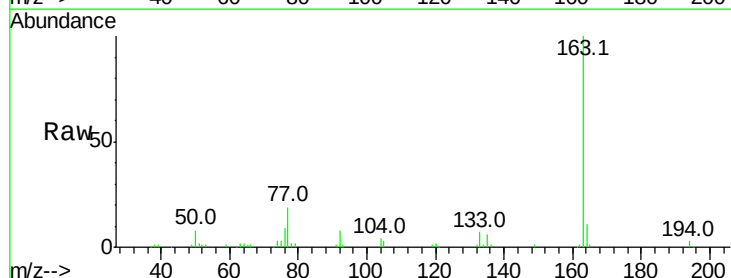
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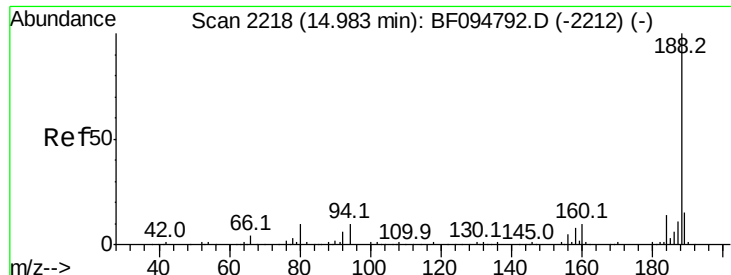
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#49
Dimethylphthalate
Concen: 13.17 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.7	8.4	12.6	





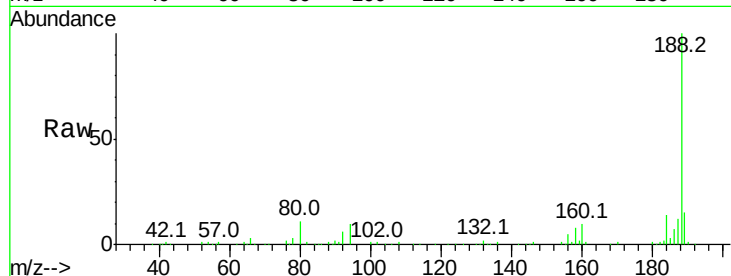
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

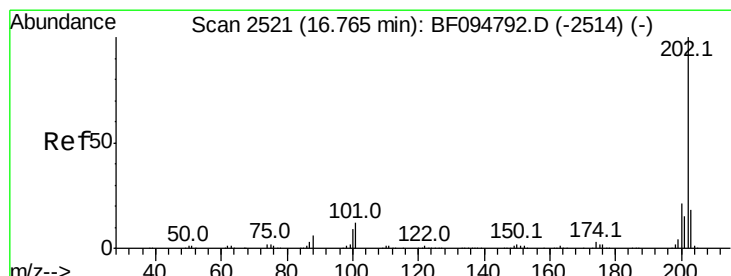
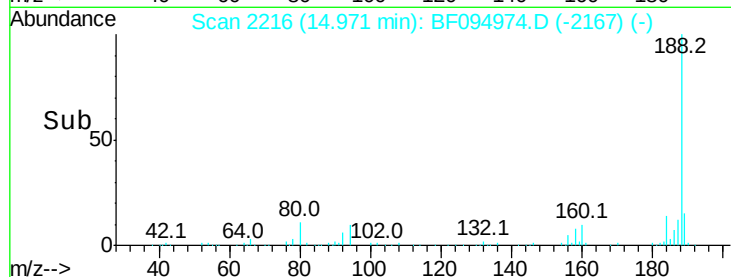
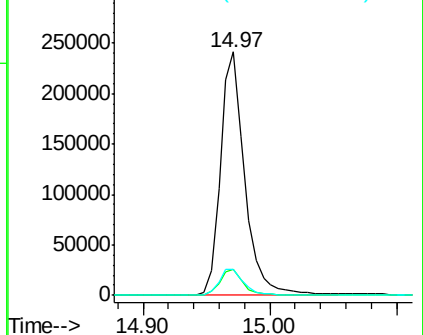
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	10.7	10.2	15.2	

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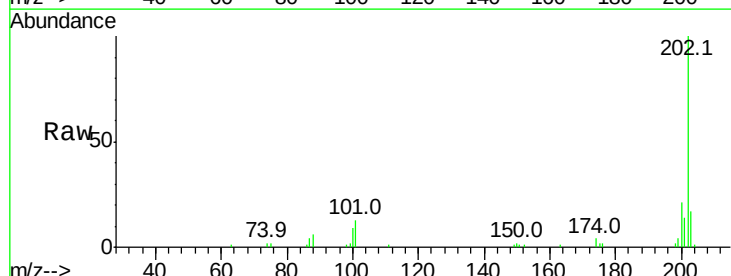


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

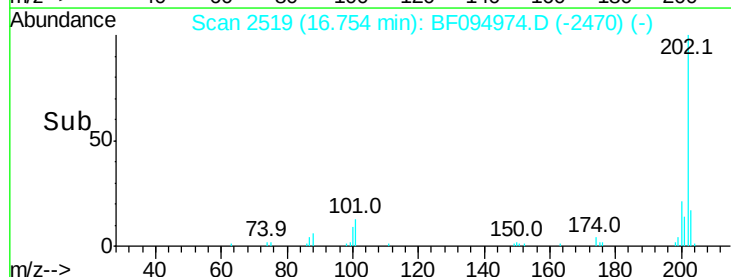
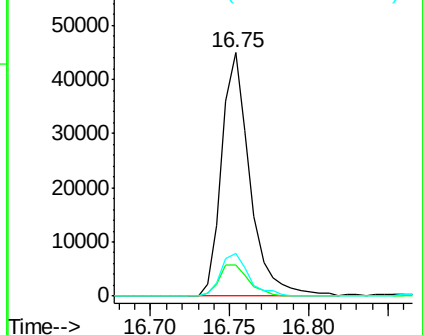


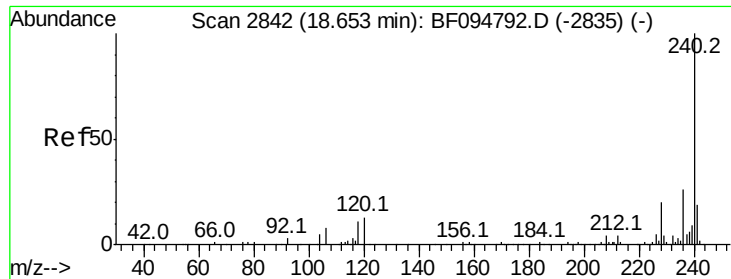
#74
Fluoranthene
Concen: 2.95 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.6	0.0	33.2	
203	17.4	0.0	38.1	



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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094974.D

Acq: 8 May 2017 7:50

Instrument :

BNA_F

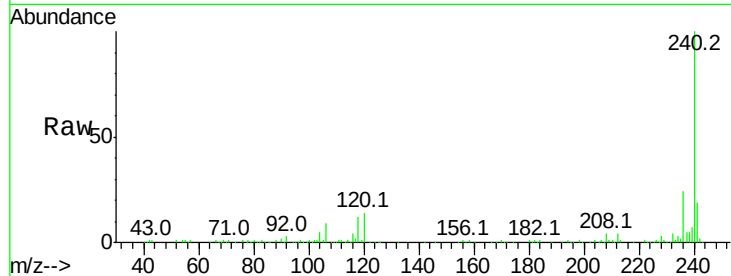
ClientSampled :

SB-07-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
240	100	240195		
120	13.8		5.8	8.8#
236	23.8		20.5	30.7

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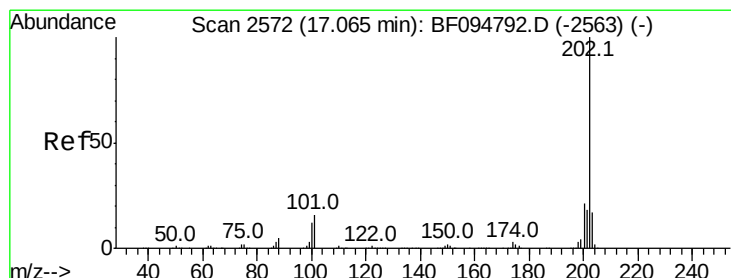
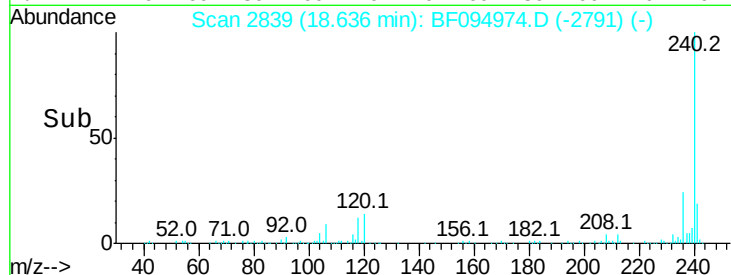
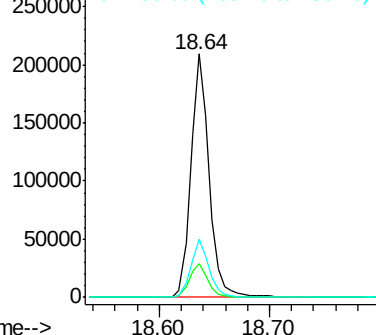
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.64 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094974.D

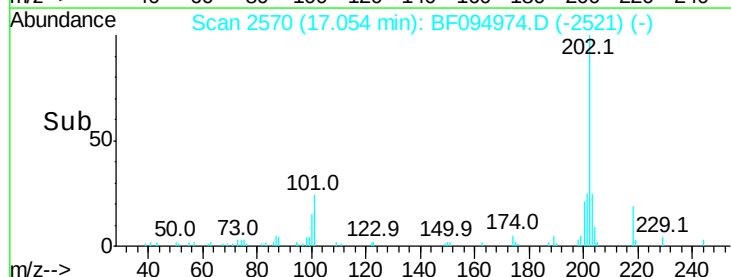
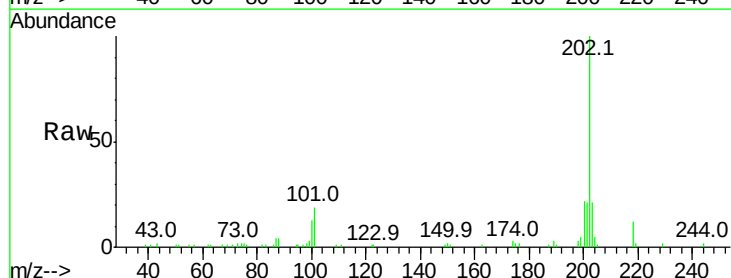
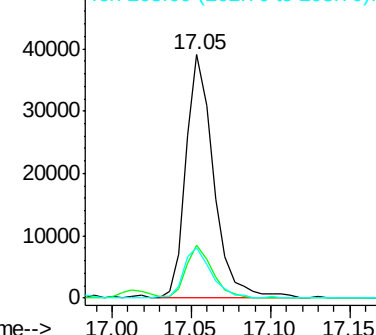
Acq: 8 May 2017 7:50

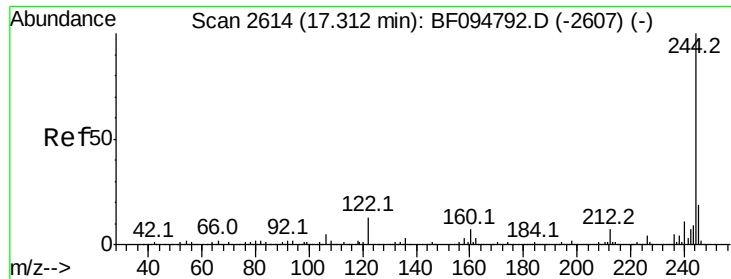
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	47471		
200	21.8		17.6	26.4
203	20.6		14.4	21.6

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





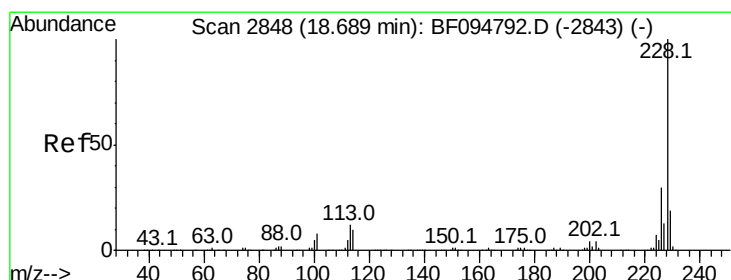
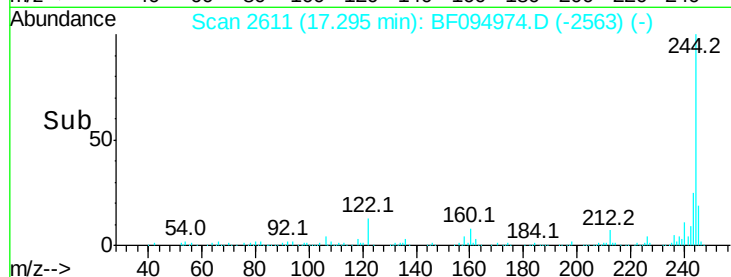
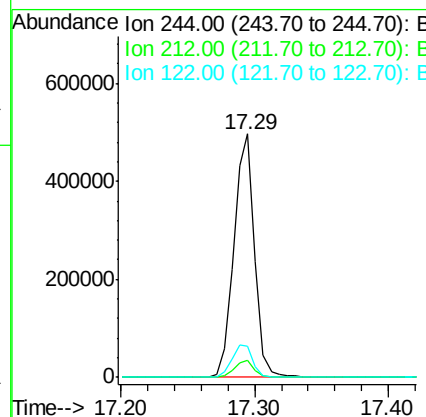
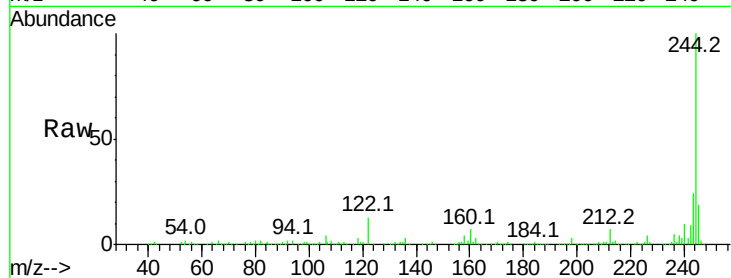
#78
 Terphenyl-d14
 Concen: 49.46 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094974.D
 Acq: 8 May 2017 7:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	6.0	9.0	
122	12.8	10.3	15.5	

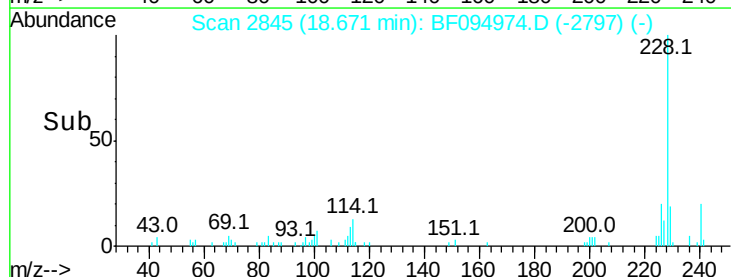
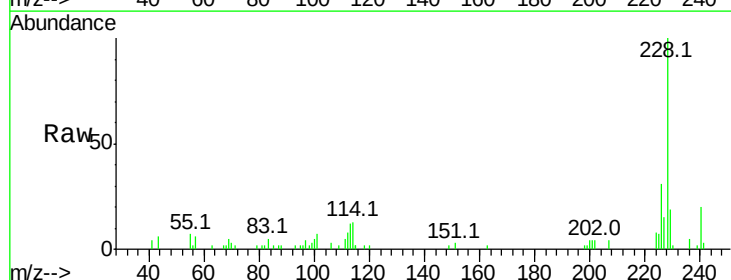
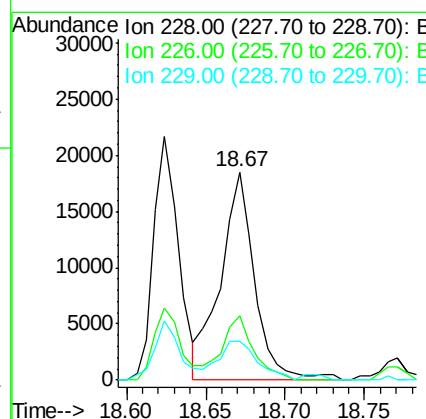
Manual Integrations
 APPROVED

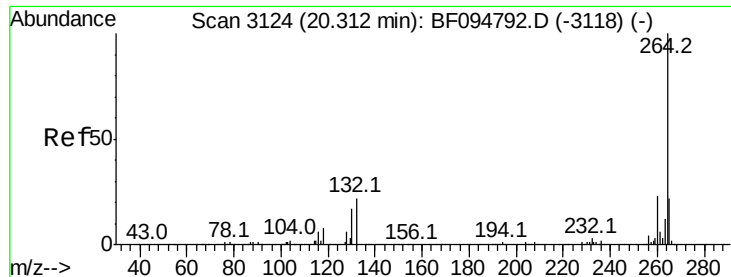
mohammad
 5/8/2017 5:51:38 PM



#82
 Chrysene
 Concen: 2.05 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094974.D
 Acq: 8 May 2017 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.2	24.9	37.3	
229	18.8	15.8	23.6	





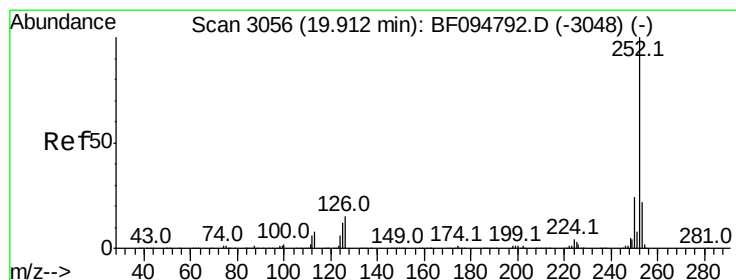
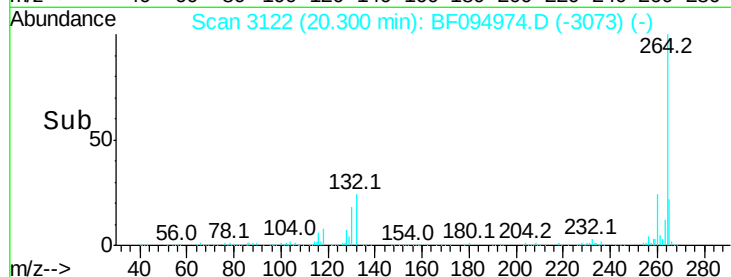
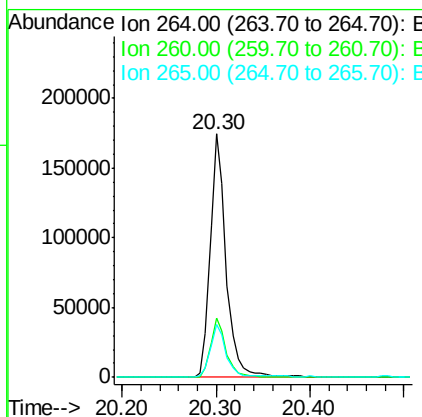
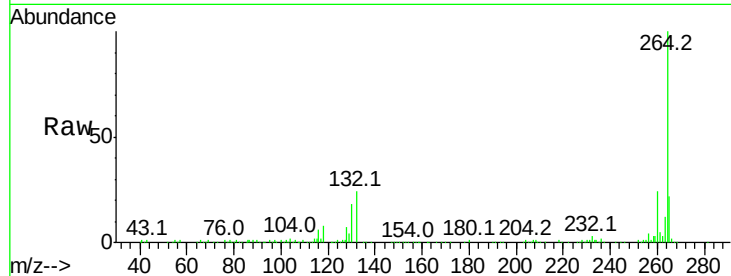
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.8	17.2	25.8

Manual Integrations
APPROVED

mohammad
5/8/2017 5:51:38 PM



#87
Benzo(b)fluoranthene
Concen: 2.68 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094974.D
Acq: 8 May 2017 7:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.5	9.8	14.8

