

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094373.D
 Acq On : 12 Apr 2017 1:50
 Operator : SJ/MA
 Sample : I2610-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOURCE3-SE

Manual Integrations
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mohammad
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Quant Time: Apr 12 04:49:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	149784	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	565817	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	233659	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	376902	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	317546	20.00	ng	-0.02
86) Perylene-d12	16.18	264	237104	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.37	112	145338	16.39	ng	-0.01
7) Phenol-d6	5.46	99	204830	18.67	ng	0.00
23) Nitrobenzene-d5	6.47	82	121658	12.27	ng	-0.04
41) 2,4,6-Tribromophenol	10.45	330	25213	13.66	ng	-0.03
44) 2-Fluorobiphenyl	8.65	172	224157	14.63	ng	-0.04
78) Terphenyl-d14	13.27	244	145575	10.28	ng	-0.02
Target Compounds						Qvalue
70) Phenanthrene	11.32	178	105439	5.03	ng	98
74) Fluoranthene	12.79	202	87929	4.10	ng	99
77) Pyrene	13.06	202	124685	5.41	ng	97
80) Benzo(a)anthracene	14.54	228	44209m	2.39	ng	
82) Chrysene	14.58	228	50624m	2.95	ng	
87) Benzo(b)fluoranthene	15.77	252	43274m	2.98	ng	
89) Benzo(a)pyrene	16.12	252	31914	2.38	ng	# 91

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

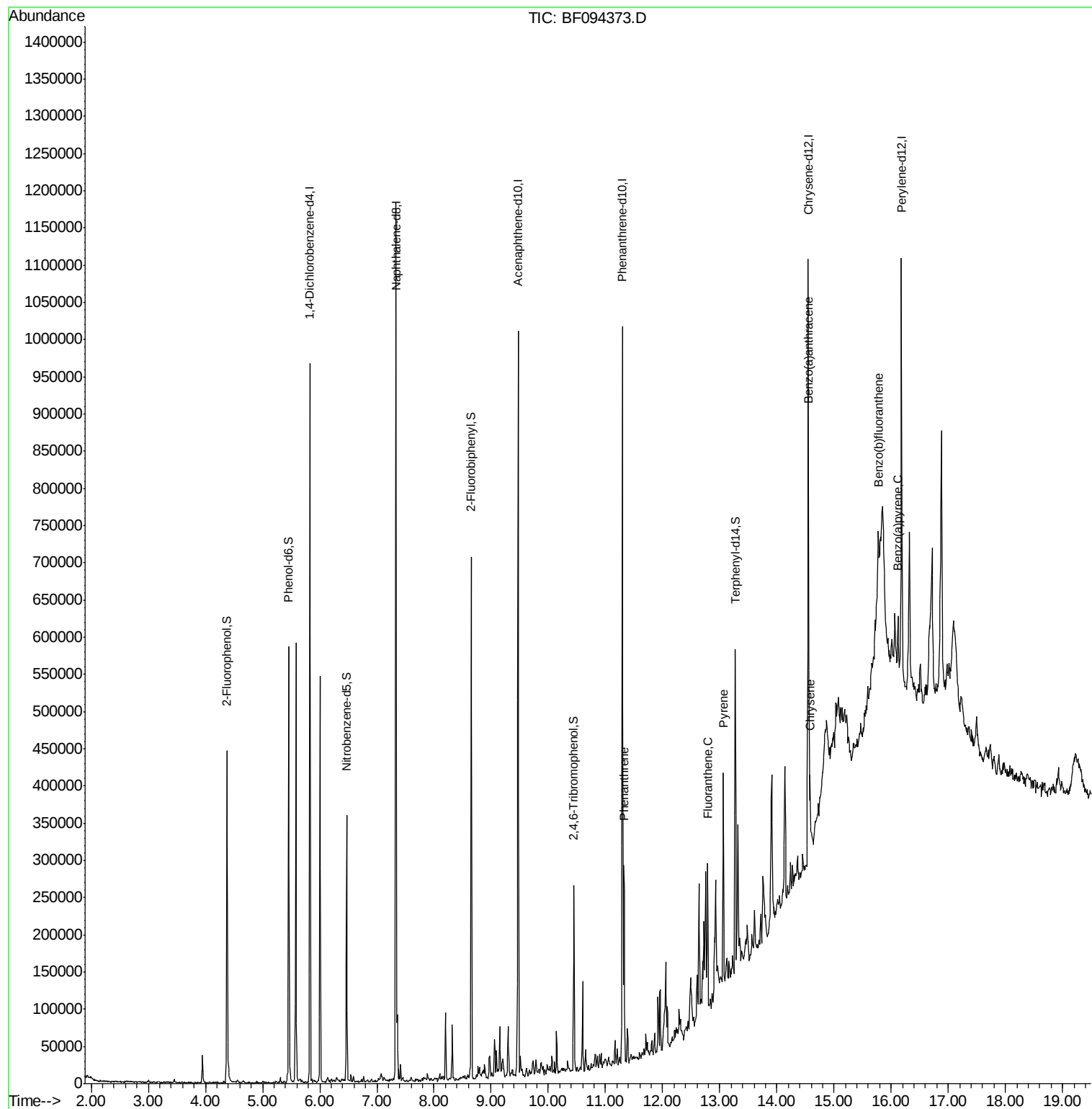
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

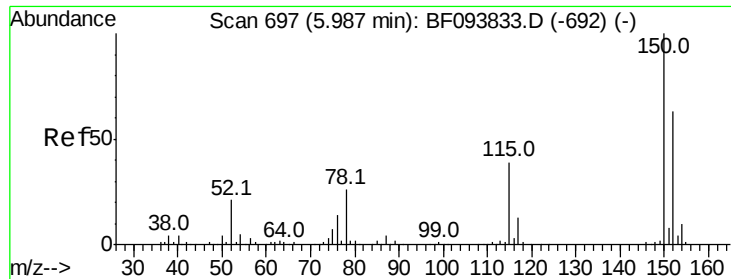
Instrument :
BNA_F
ClientSampleID :
SOURCE3-SE

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#1

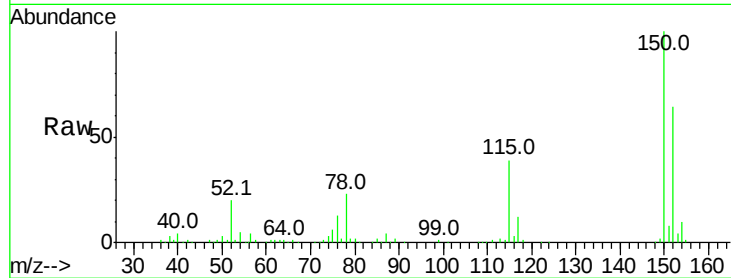
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094373.D
Acq: 12 Apr 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SOURCE3-SE

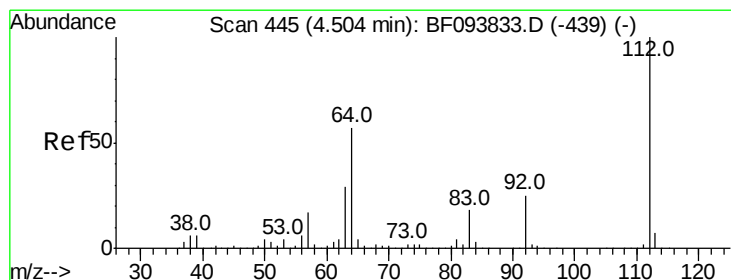
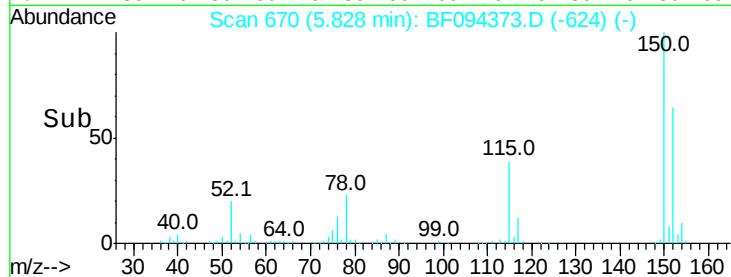
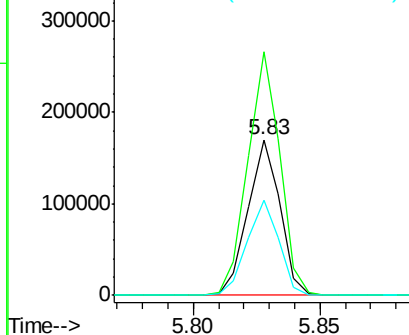
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	61.4	52.2	78.2

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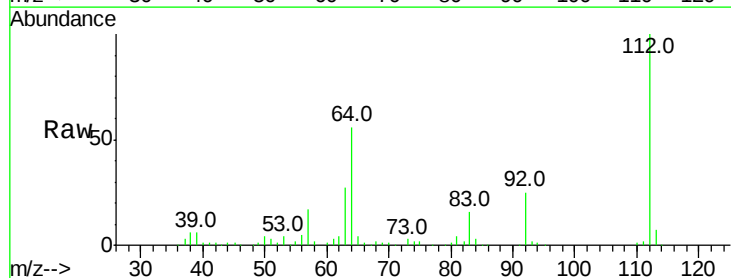
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



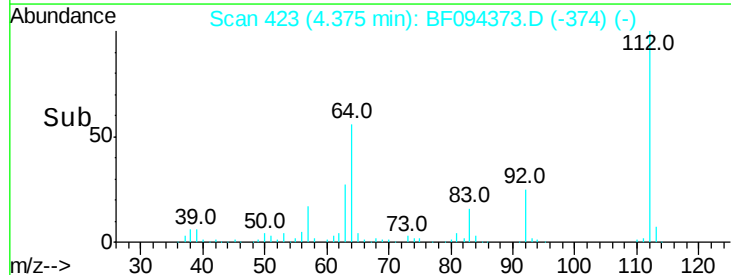
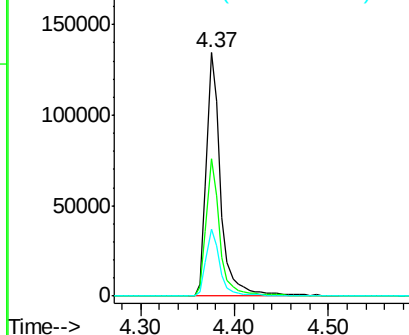
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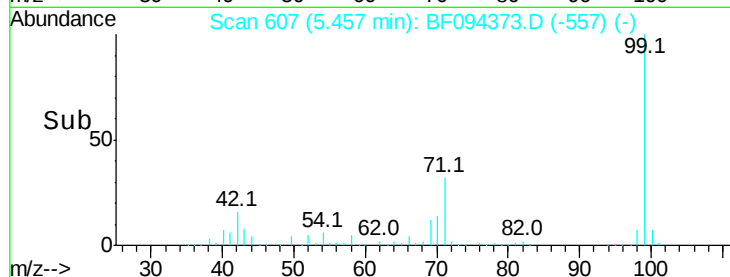
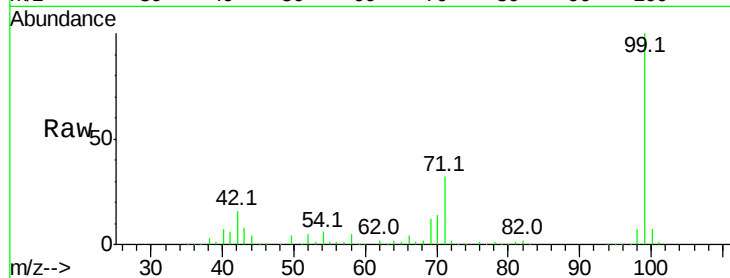
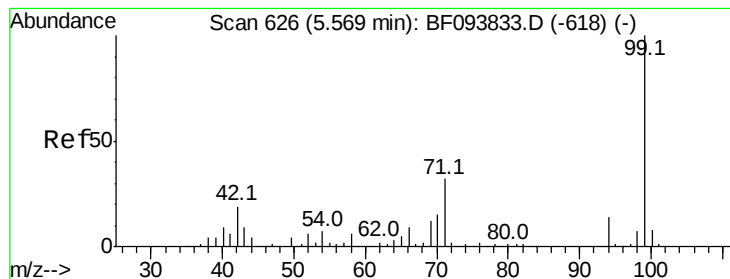
2-Fluorophenol
Concen: 16.39 ng
RT: 4.37 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF094373.D
Acq: 12 Apr 2017 1:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	27.5	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: 18.67 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094373.D

Acq: 12 Apr 2017 1:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		204830		
42	16.3	13.5	20.3		
71	31.7	24.5	36.7		

Instrument :

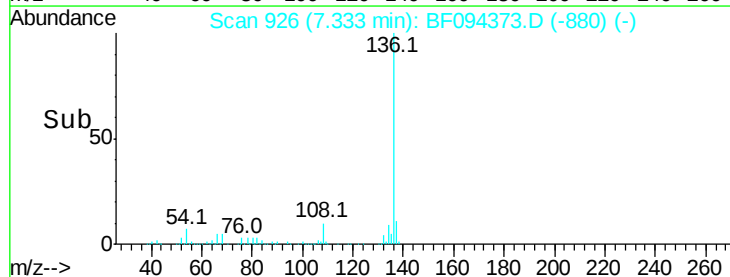
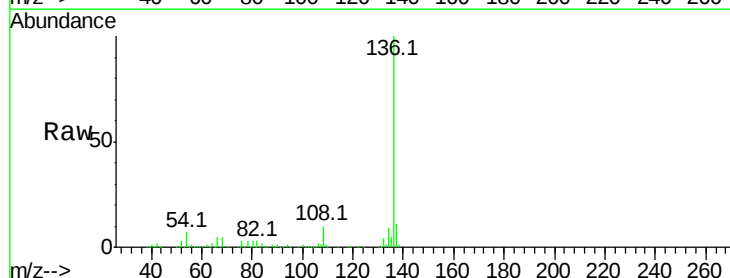
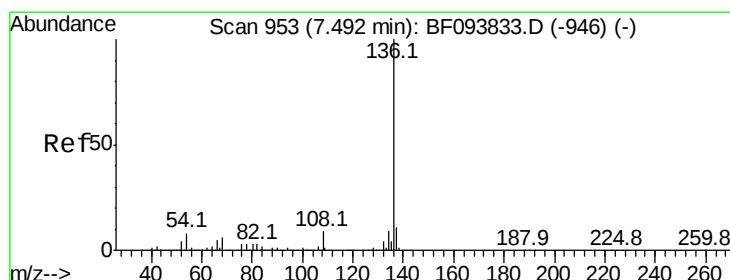
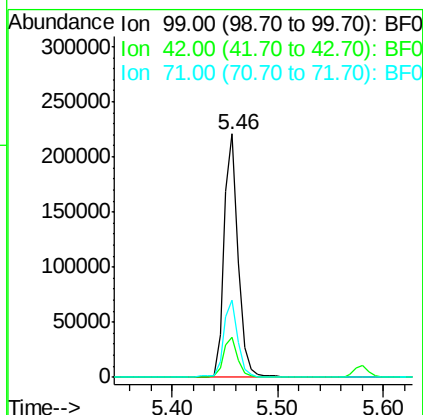
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#21

Naphthalene-d8

Concen: 20.00 ng

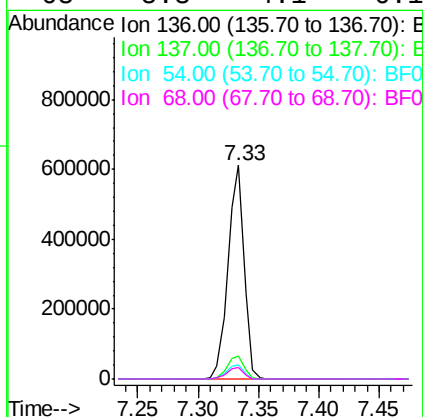
RT: 7.33 min Scan# 926

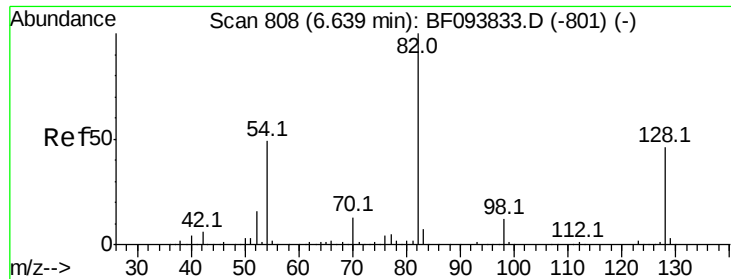
Delta R.T. -0.03 min

Lab File: BF094373.D

Acq: 12 Apr 2017 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		565817		
137	11.0	8.5	12.7		
54	6.8	4.9	7.3		
68	5.3	4.1	6.1		





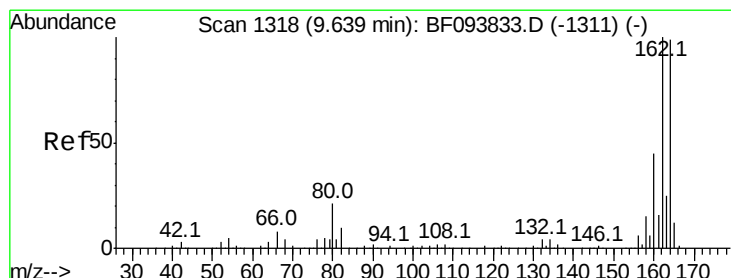
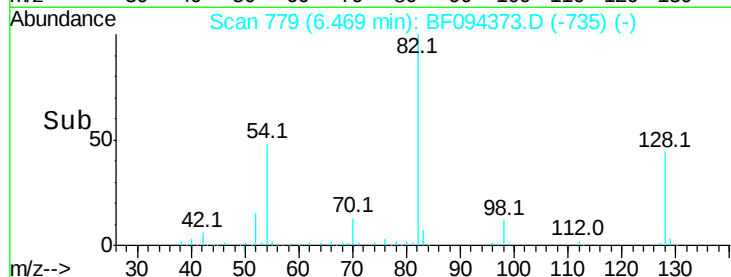
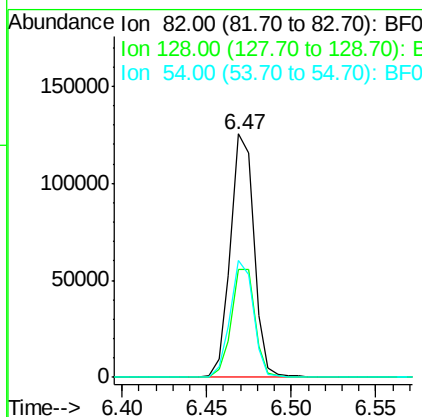
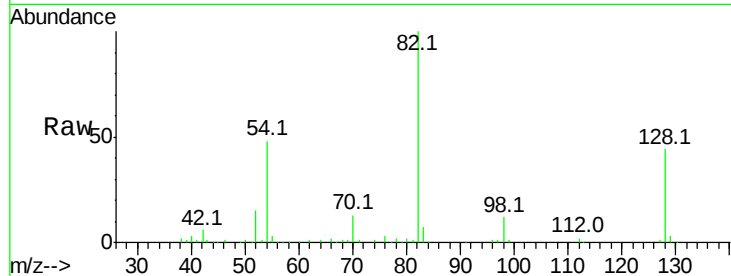
#23
 Nitrobenzene-d5
 Concen: 12.27 ng
 RT: 6.47 min Scan# 779
 Delta R.T. -0.04 min
 Lab File: BF094373.D
 Acq: 12 Apr 2017 1:50

Instrument :
 BNA_F
 ClientSampleId :
 SOURCE3-SE

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	48.1	42.2	63.2

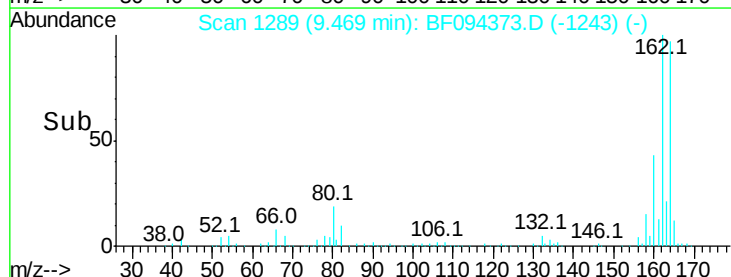
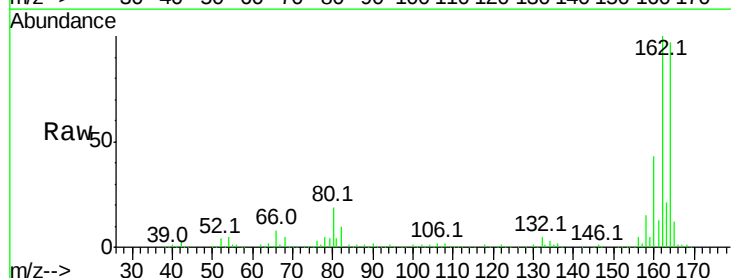
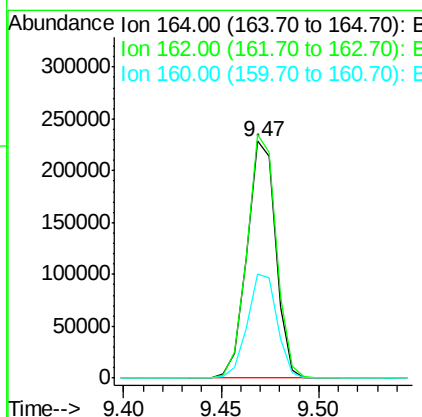
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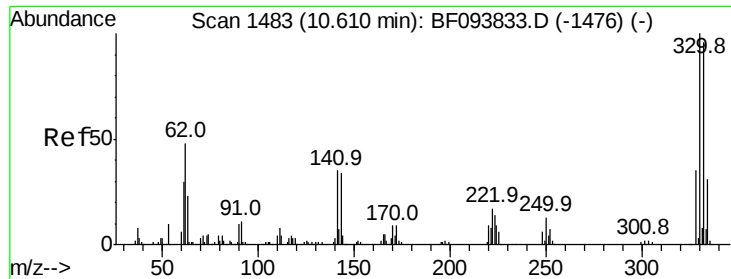
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF094373.D
 Acq: 12 Apr 2017 1:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	44.2	36.2	54.2





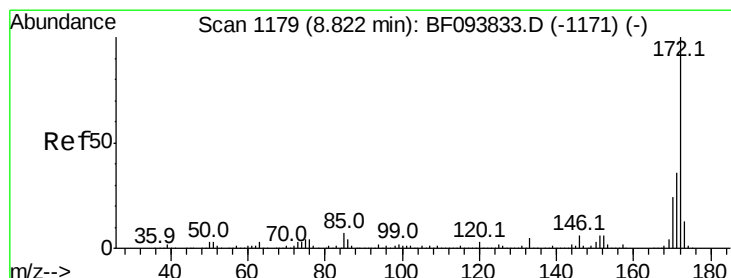
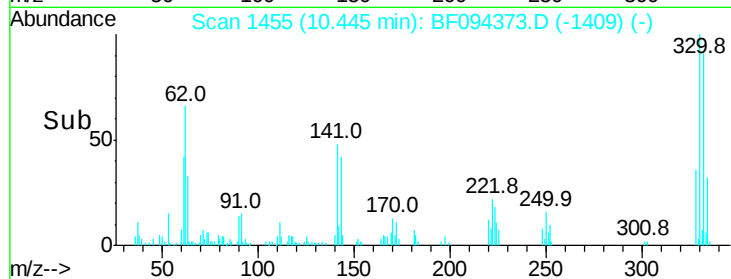
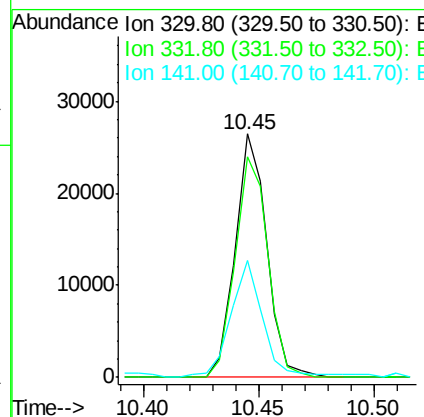
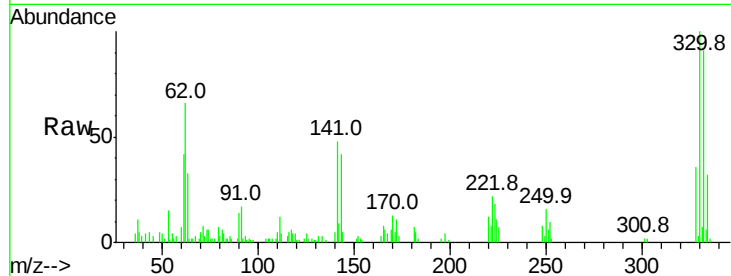
#41
 2,4,6-Tribromophenol
 Concen: 13.66 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094373.D
 Acq: 12 Apr 2017 1:50

Instrument :
 BNA_F
 ClientSampleId :
 SOURCE3-SE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	25213		
332	93.4	76.6	115.0	
141	49.8	31.4	47.2#	

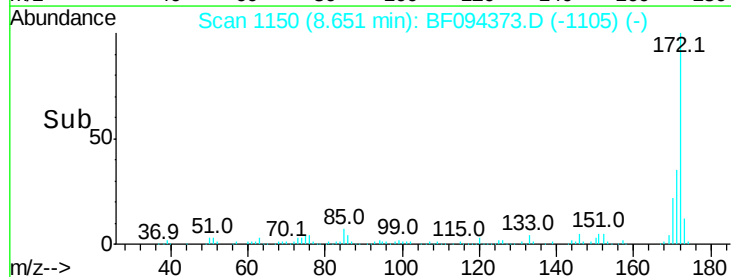
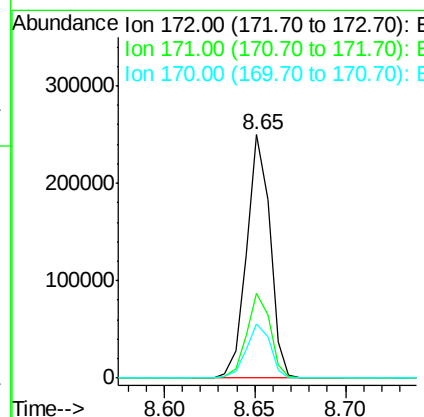
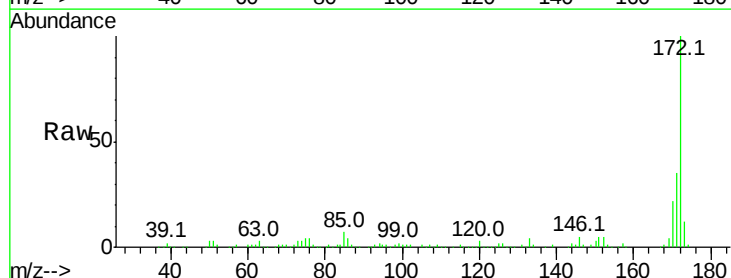
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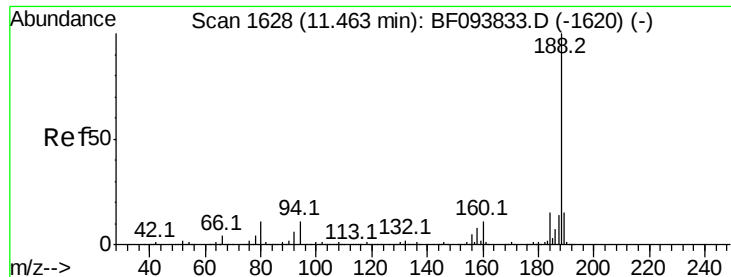
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#44
 2-Fluorobiphenyl
 Concen: 14.63 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF094373.D
 Acq: 12 Apr 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	224157		
171	34.8	29.6	44.4	
170	22.4	19.8	29.8	





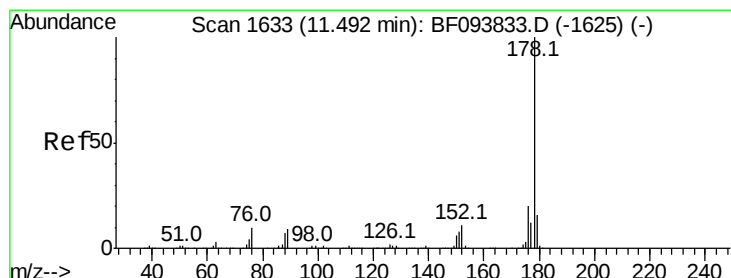
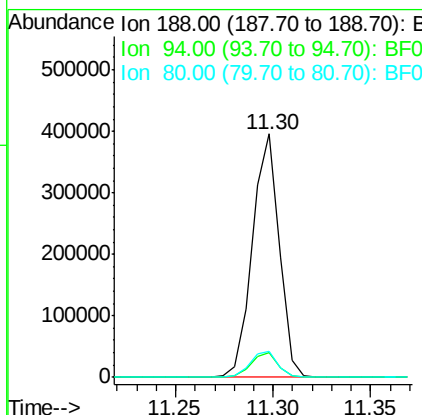
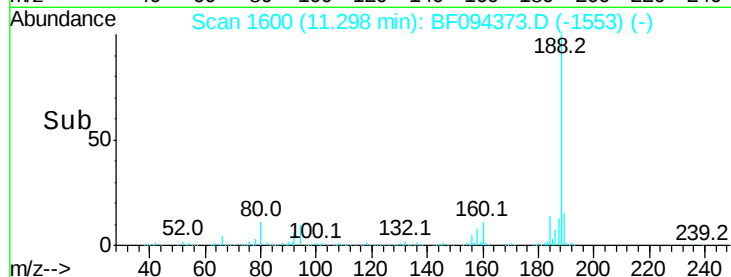
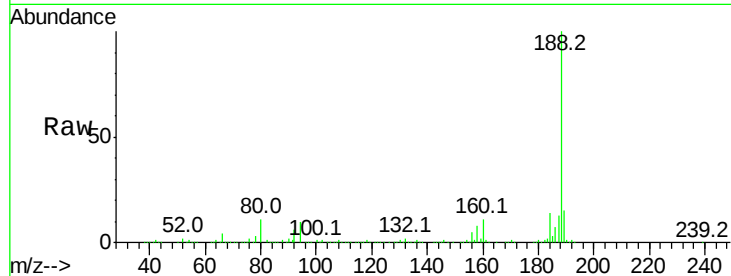
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094373.D
 Acq: 12 Apr 2017 1:50

Instrument :
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 ClientSampleId :
 SOURCE3-SE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	376902		
94	10.3		9.4	14.2
80	10.8		10.2	15.2

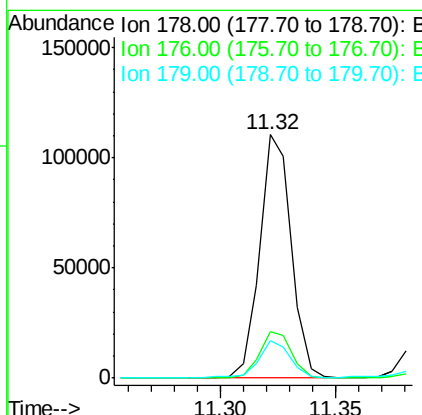
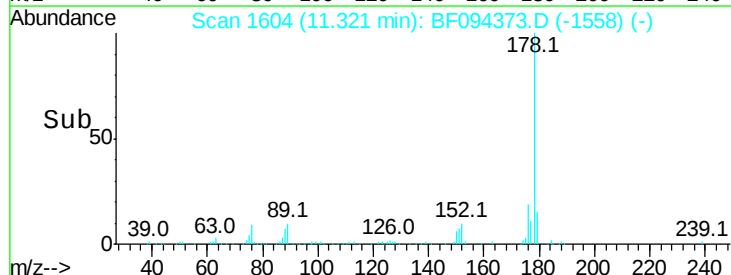
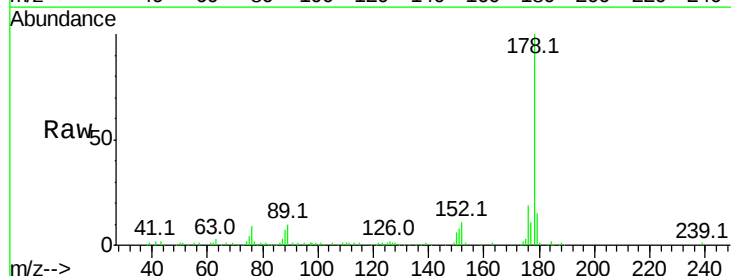
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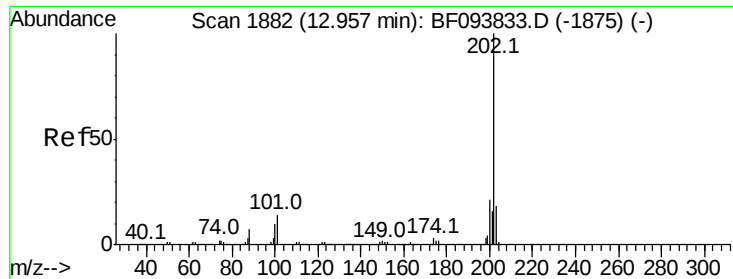
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#70
 Phenanthrene
 Concen: 5.03 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. -0.03 min
 Lab File: BF094373.D
 Acq: 12 Apr 2017 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	105439		
176	18.9		16.2	24.4
179	15.4		12.6	19.0





#74

Fluoranthene

Concen: 4.10 ng

RT: 12.79 min Scan# 1853

Delta R.T. -0.03 min

Lab File: BF094373.D

Acq: 12 Apr 2017 1:50

Instrument :

BNA_F

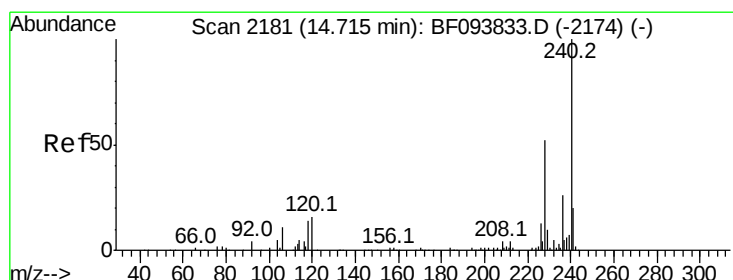
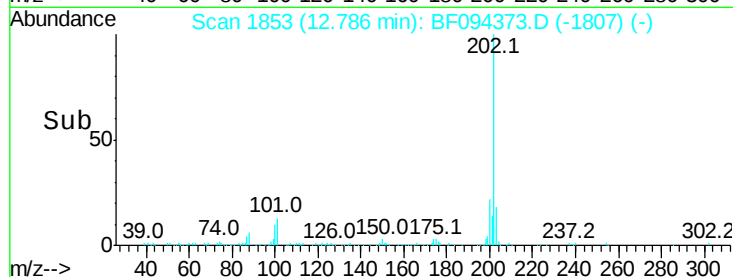
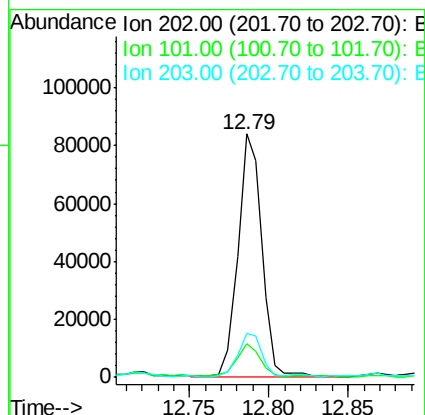
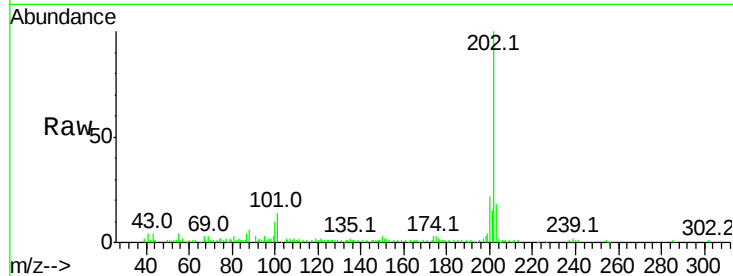
ClientSampleId :

SOURCE3-SE

Tot Ion:	202	Resp:	87929
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	33.2
203	18.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

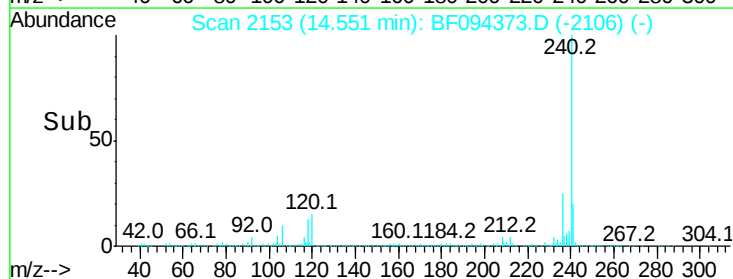
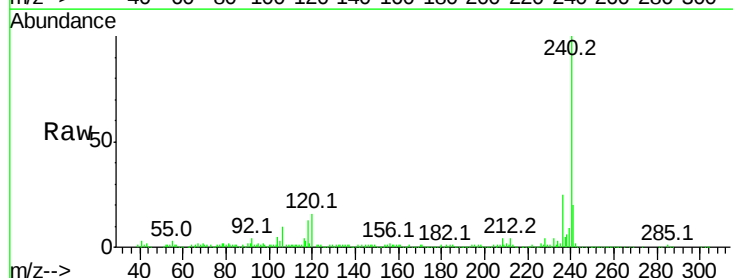
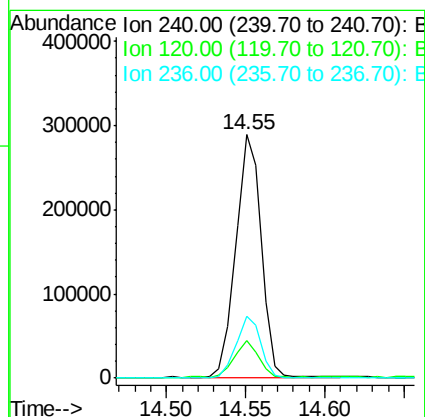
RT: 14.55 min Scan# 2153

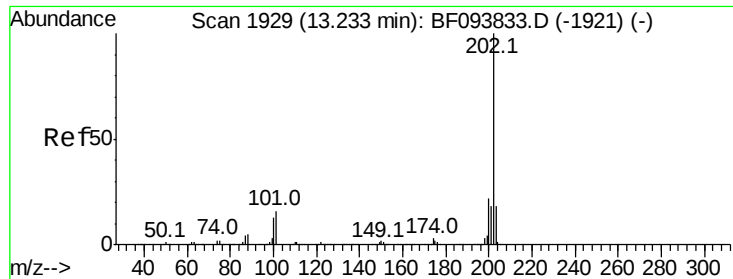
Delta R.T. -0.02 min

Lab File: BF094373.D

Acq: 12 Apr 2017 1:50

Tgt Ion:	240	Resp:	317546
Ion Ratio	Lower	Upper	
240	100		
120	15.7	5.8	8.8#
236	25.2	20.5	30.7





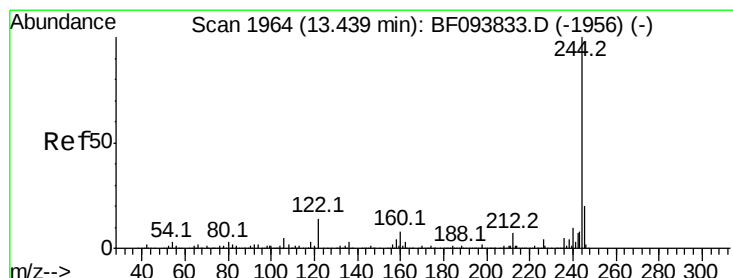
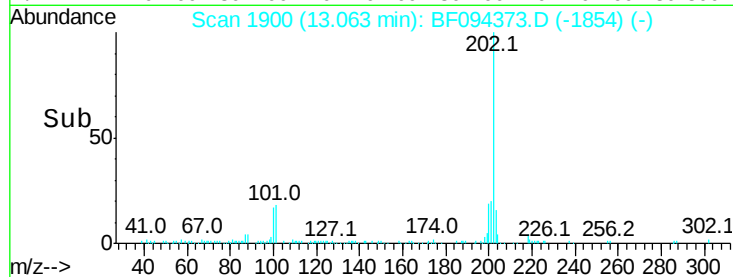
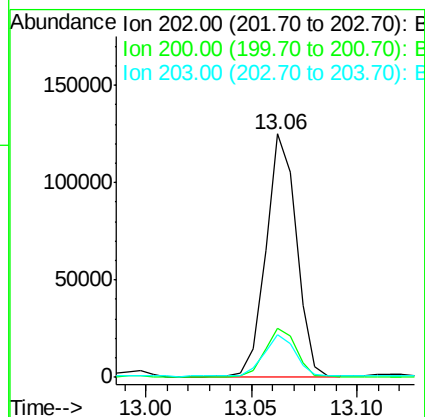
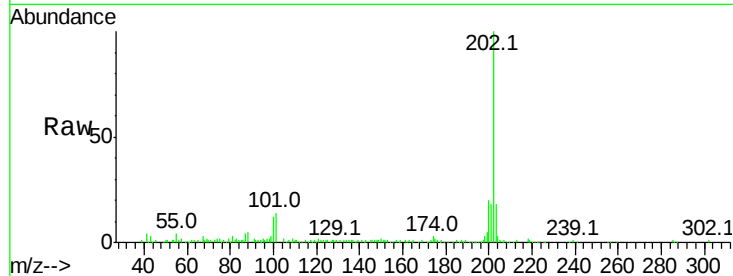
#77
Pvrene
Concen: 5.41 ng
RT: 13.06 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BF094373.D
Acq: 12 Apr 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SOURCE3-SE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	19.9	17.6	26.4		
203	17.6	14.4	21.6		

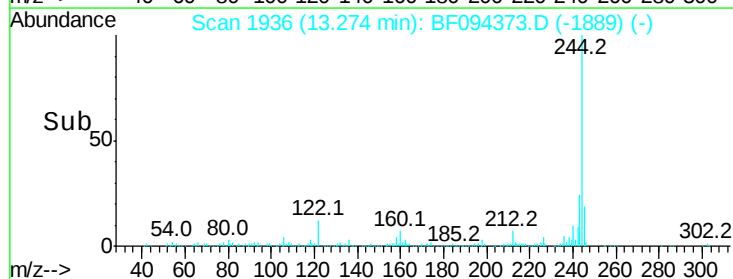
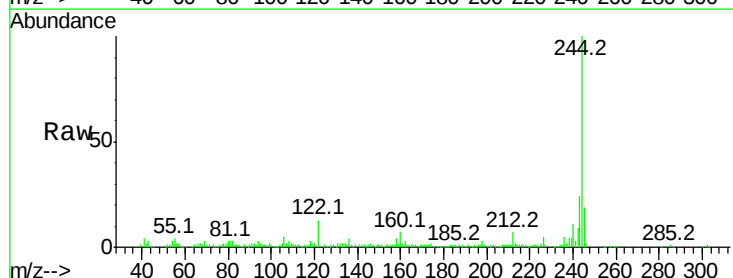
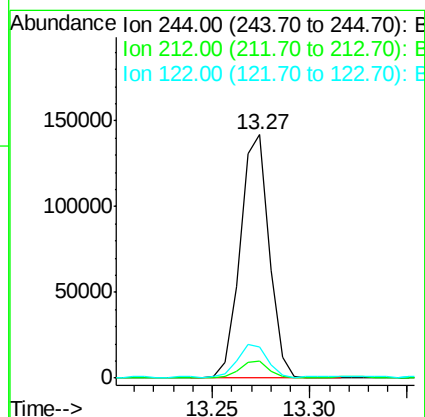
Manual Integrations
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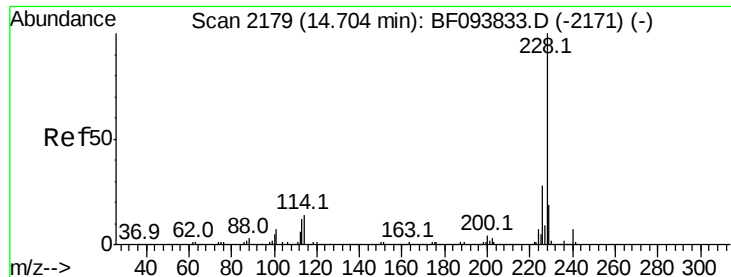
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#78
Terphenyl-d14
Concen: 10.28 ng
RT: 13.27 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BF094373.D
Acq: 12 Apr 2017 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.2	6.0	9.0		
122	12.6	10.3	15.5		





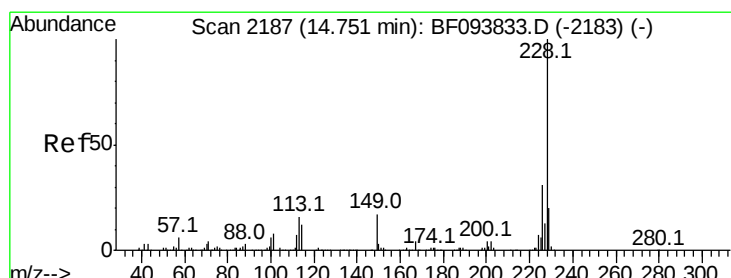
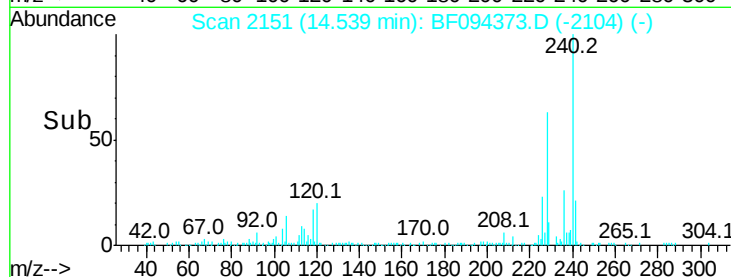
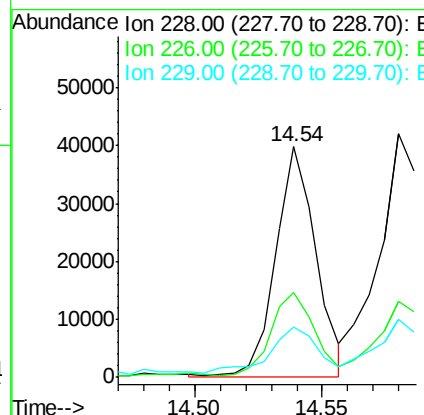
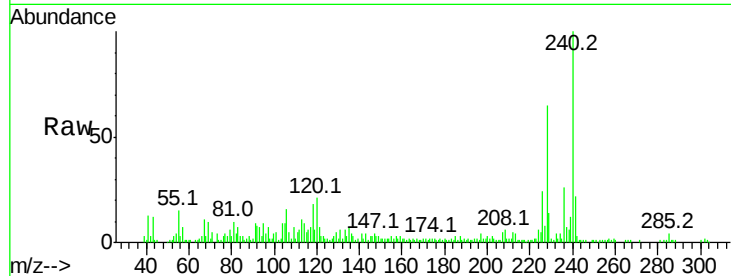
#80
Benzo(a)anthracene
Concen: 2.39 ng m
RT: 14.54 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BF094373.D
Acq: 12 Apr 2017 1:50

Instrument :
BNA_F
ClientSampleId :
SOURCE3-SE

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.7	22.6	33.8#
229	21.9	16.3	24.5

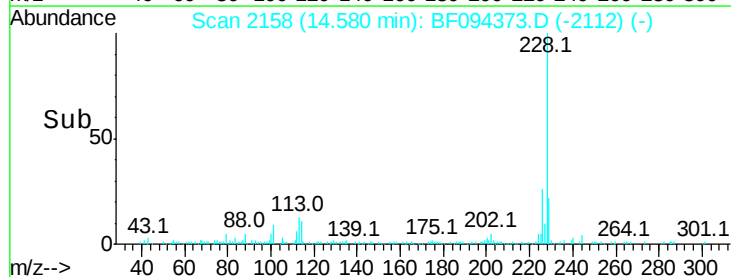
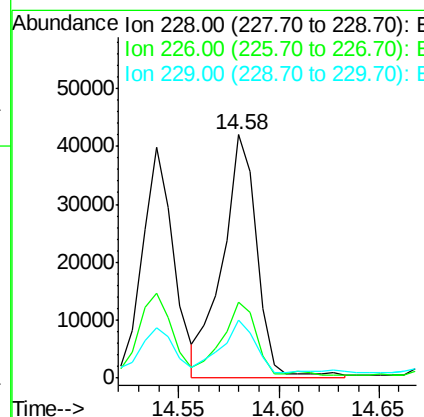
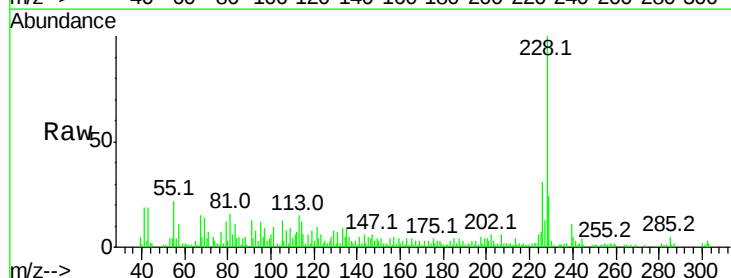
Manual Integrations
APPROVED

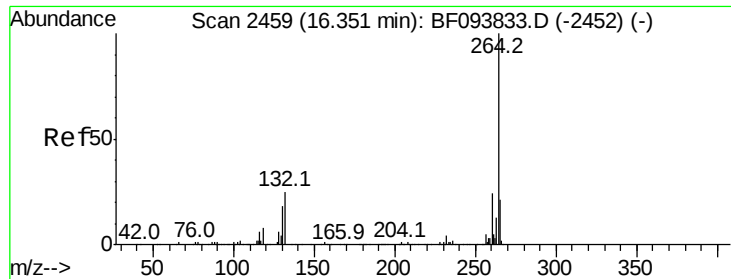
mohammad
4/12/2017 5:12:15 PM



#82
Chrysene
Concen: 2.95 ng m
RT: 14.58 min Scan# 2158
Delta R.T. -0.03 min
Lab File: BF094373.D
Acq: 12 Apr 2017 1:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	23.9	15.8	23.6#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.18 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF094373.D

Acq: 12 Apr 2017 1:50

Instrument :

BNA_F

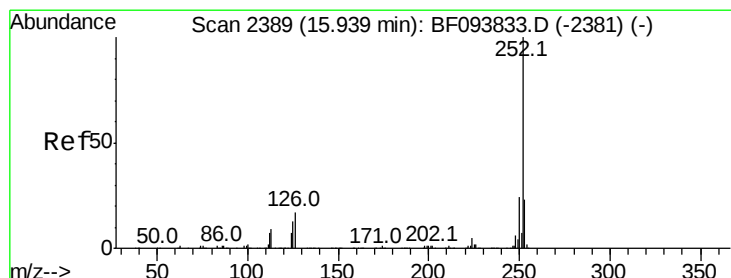
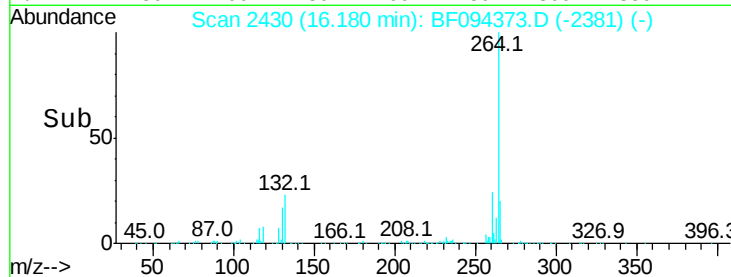
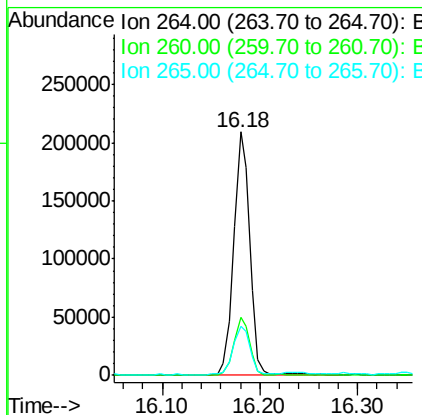
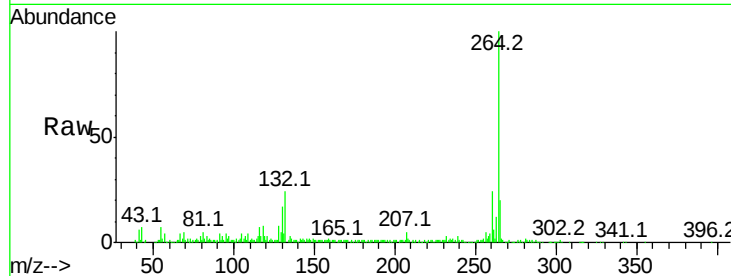
ClientSampleId :

SOURCE3-SE

Tot Ion:	264	Resp:	237104
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	20.3	17.2	25.8

Manual Integrations
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4/12/2017 5:12:15 PM



#87

Benzo(b)fluoranthene

Concen: 2.98 ng m

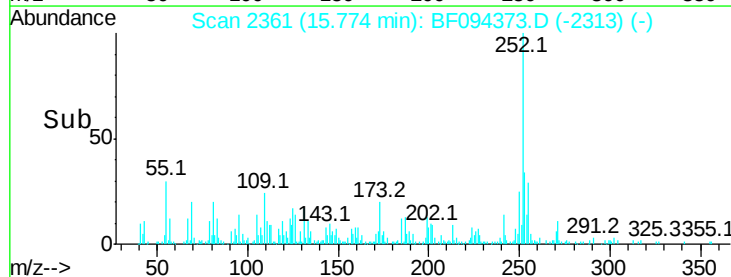
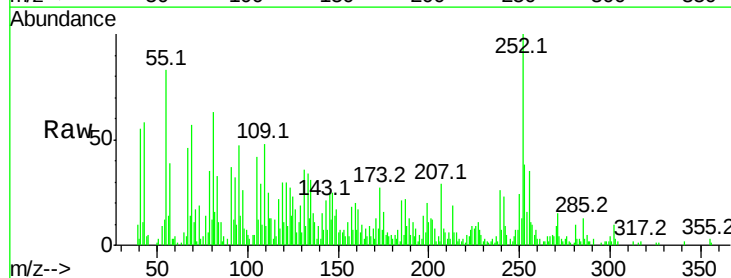
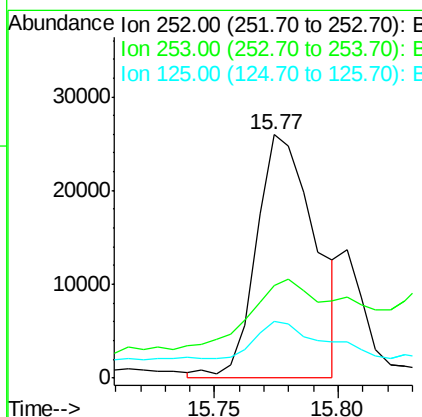
RT: 15.77 min Scan# 2361

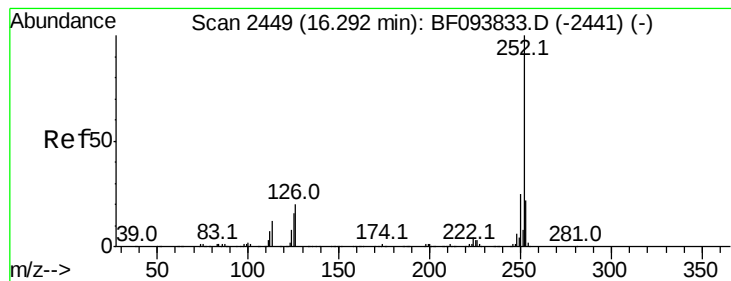
Delta R.T. -0.02 min

Lab File: BF094373.D

Acq: 12 Apr 2017 1:50

Tgt Ion:	252	Resp:	43274
Ion Ratio	Lower	Upper	
252	100		
253	37.8	18.1	27.1#
125	23.3	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.38 ng

RT: 16.12 min Scan# 2420

Delta R.T. -0.02 min

Lab File: BF094373.D

Acq: 12 Apr 2017 1:50

Instrument :

BNA_F

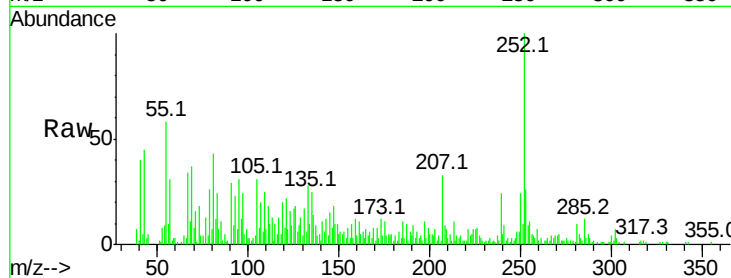
ClientSampleId :

SOURCE3-SE

Tot Ion:	252	Resp:	31914
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.5	26.3#
125	17.1	11.0	16.4#

Manual Integrations
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4/12/2017 5:12:15 PM



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

