

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095627.D
 Acq On : 2 Jun 2017 9:46
 Operator : SJ/MA
 Sample : I3415-01 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-U6-SSW

Manual Integrations
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Quant Time: Jun 02 13:55:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:03:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	127357	20.00	ng	-0.02
21) Naphthalene-d8	9.57	136	461614	20.00	ng	-0.02
38) Acenaphthene-d10	12.39	164	213399	20.00	ng	-0.02
63) Phenanthrene-d10	14.80	188	338210	20.00	ng	-0.02
75) Chrysene-d12	18.49	240	233770	20.00	ng	-0.02
86) Perylene-d12	20.17	264	218652	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	50016m	6.55	ng	0.09
7) Phenol-d6	7.16	99	88192m	9.62	ng	0.05
23) Nitrobenzene-d5	8.50	82	38963	5.32	ng	0.03
41) 2,4,6-Tribromophenol	13.73	330	6594	3.77	ng	0.02
44) 2-Fluorobiphenyl	11.35	172	102823	6.94	ng	-0.02
78) Terphenyl-d14	17.14	244	59956	5.65	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.06	163	36845	2.103	ng	97
70) Phenanthrene	14.84	178	55689	2.866	ng	97
74) Fluoranthene	16.60	202	86110	4.320	ng	97
77) Pyrene	16.91	202	77762	4.448	ng	95
80) Benzo(a)anthracene	18.49	228	29176	2.144	ng	98
82) Chrysene	18.53	228	29713	2.259	ng	94
87) Benzo(b)fluoranthene	19.77	252	35099	2.598	ng	# 96
89) Benzo(a)pyrene	20.12	252	27171	2.179	ng	# 93

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

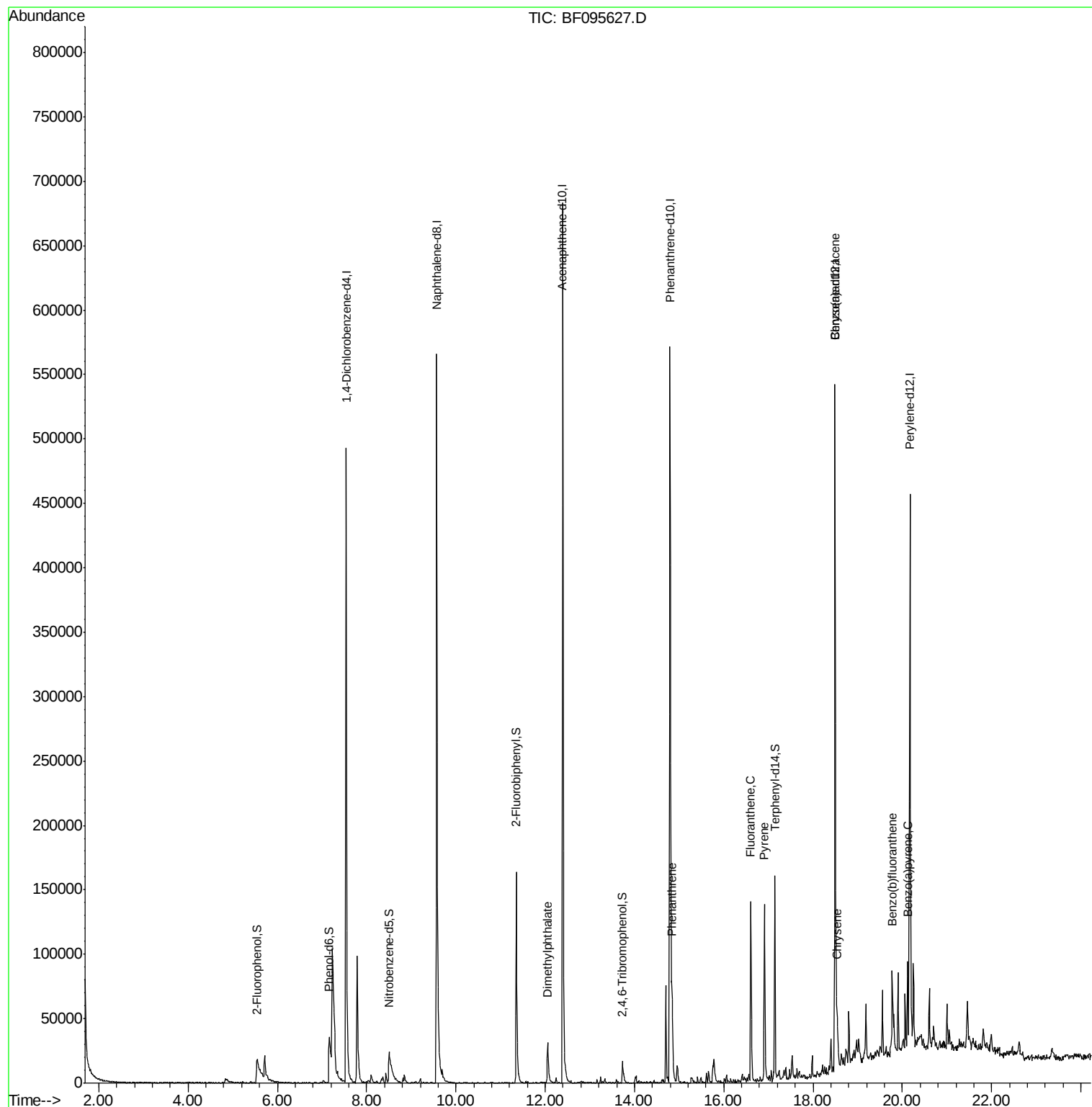
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095627.D
Acq On : 2 Jun 2017 9:46
Operator : SJ/MA
Sample : I3415-01 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

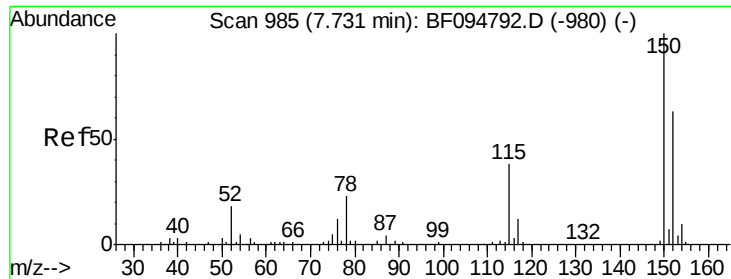
Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

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Quant Time: Jun 02 13:55:27 2017
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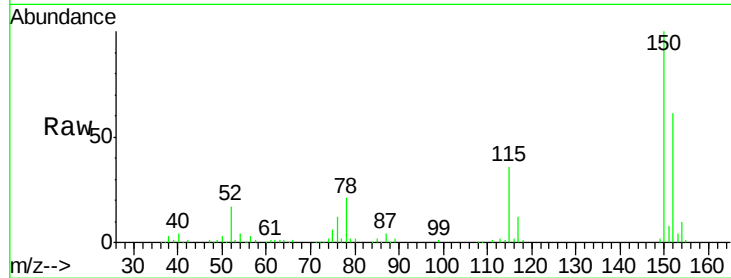




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

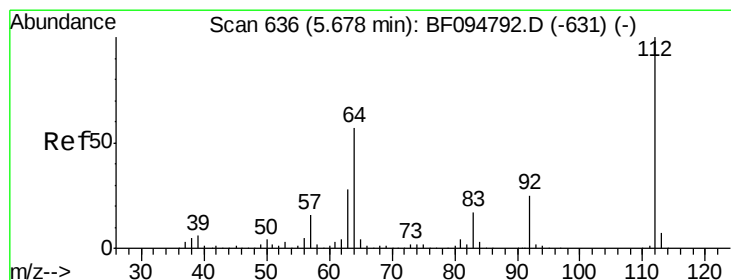
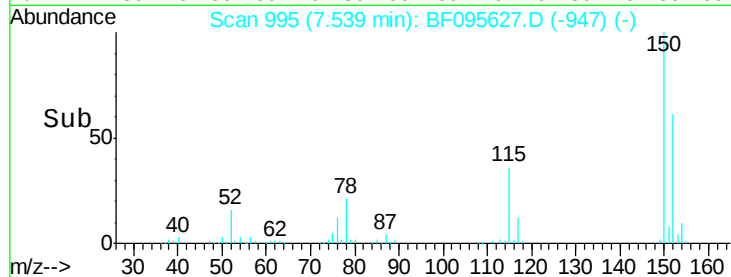
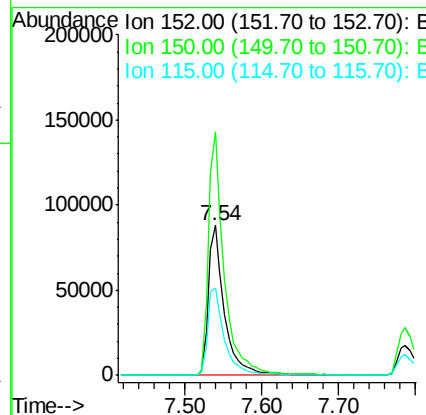
Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW



Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.2	189.2
115	58.5	52.2	78.2

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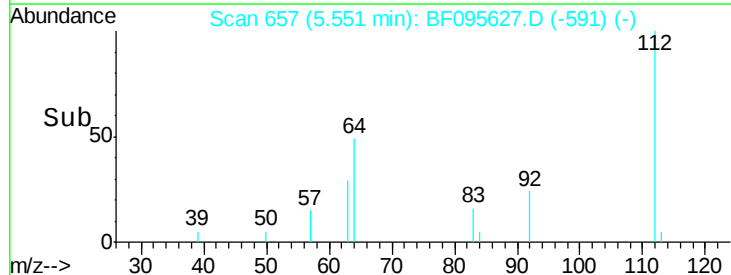
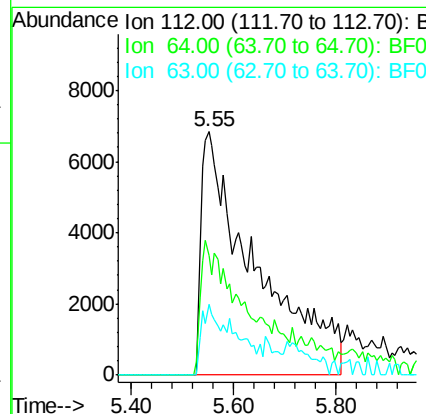
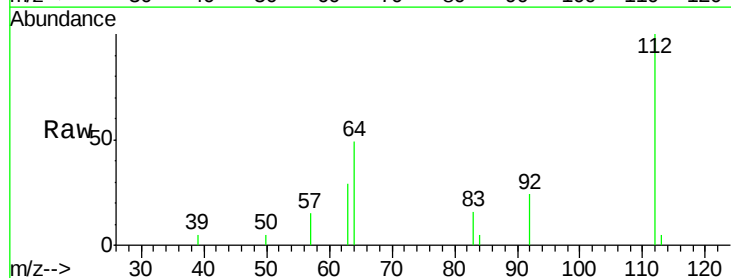
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#5

2-Fluorophenol
Concen: 6.548 ng m
RT: 5.55 min Scan# 657
Delta R.T. 0.09 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.9	46.0	69.0
63	28.9	23.4	35.0





#7

Phenol-d6

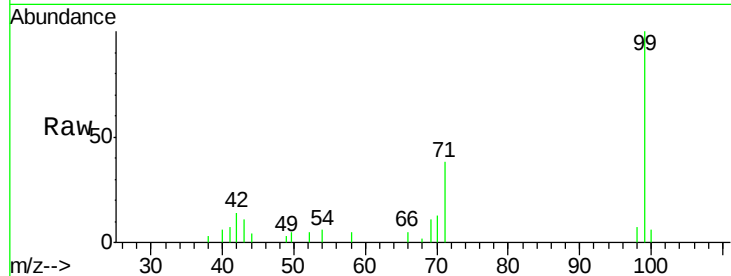
Concen: 9.622 ng m
RT: 7.16 min Scan# 931
Delta R.T. 0.05 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

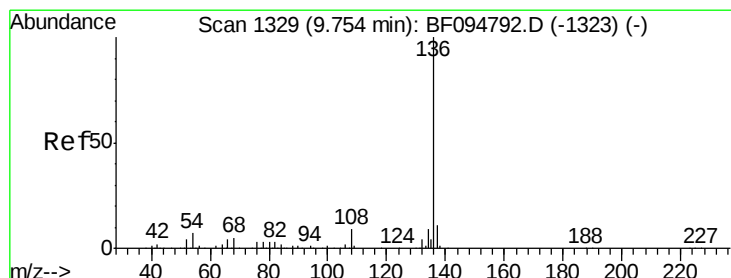
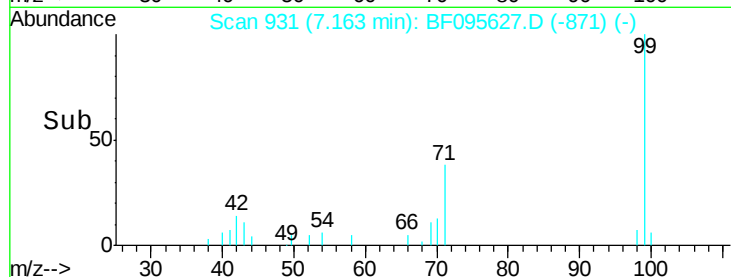
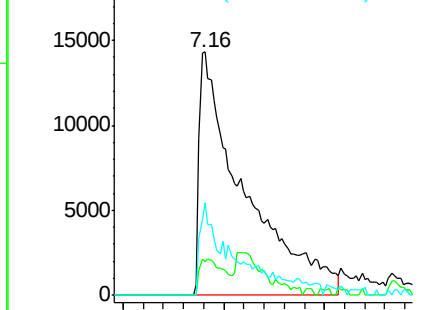
Tgt Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.5	20.3
71	37.9	24.5	36.7

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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



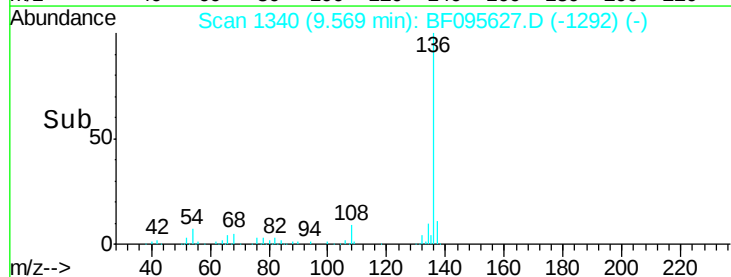
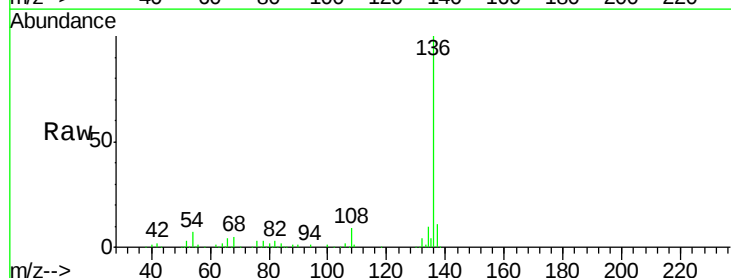
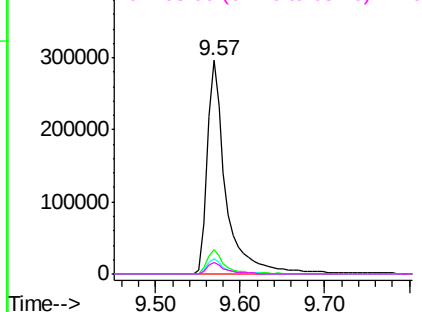
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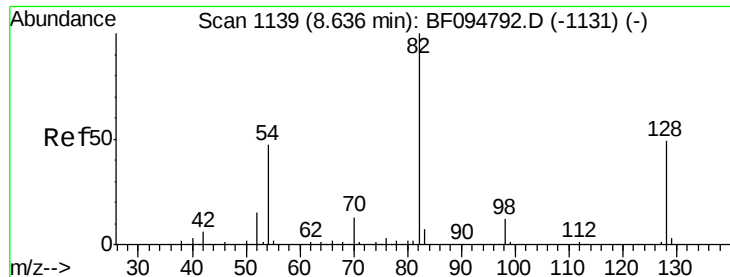
Naphthalene-d8

Concen: 20.000 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.3	4.9	7.3
68	5.4	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





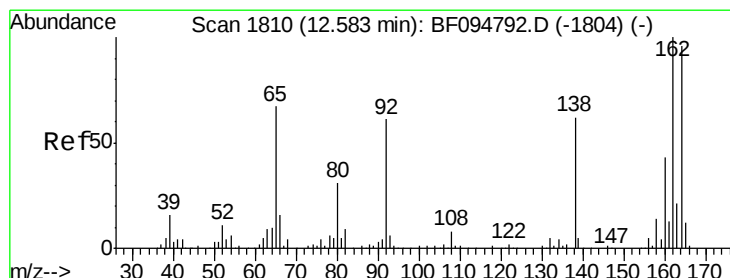
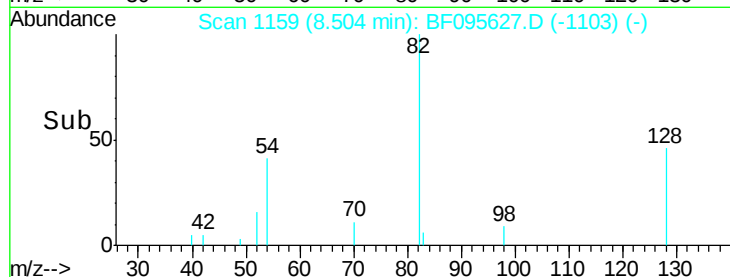
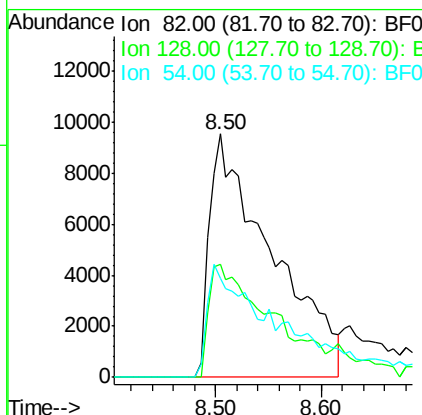
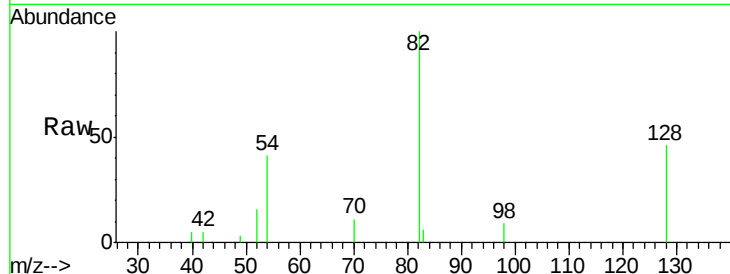
#23
 Nitrobenzene-d5
 Concen: 5.323 ng
 RT: 8.50 min Scan# 1159
 Delta R.T. 0.03 min
 Lab File: BF095627.D
 Acq: 2 Jun 2017 9:46

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	40.6	42.2	63.2#

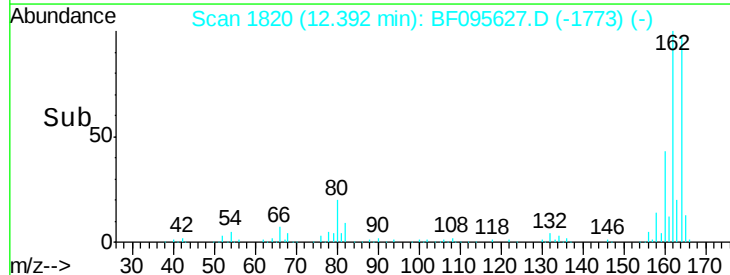
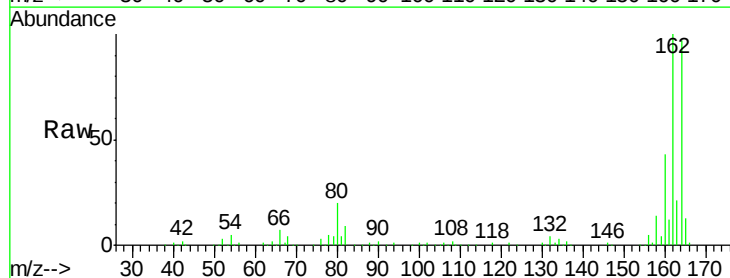
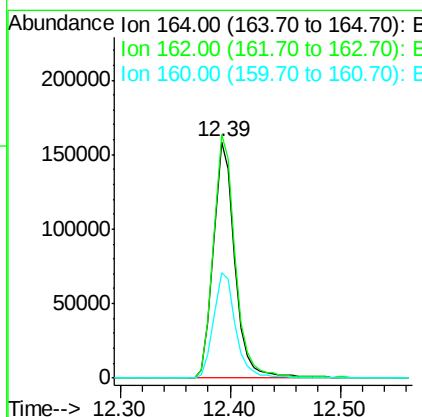
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BF095627.D
 Acq: 2 Jun 2017 9:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.6	36.2	54.2





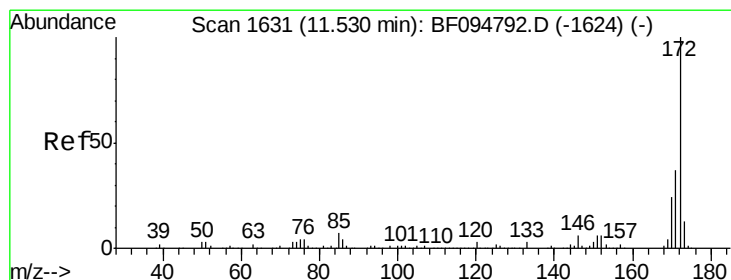
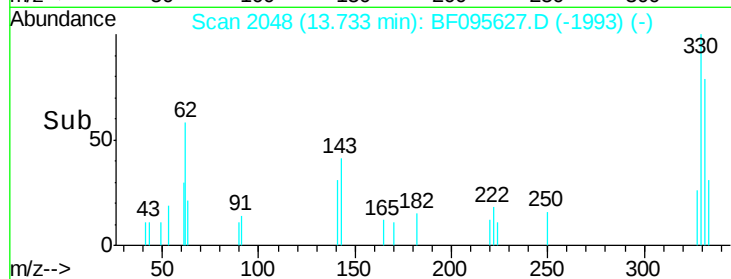
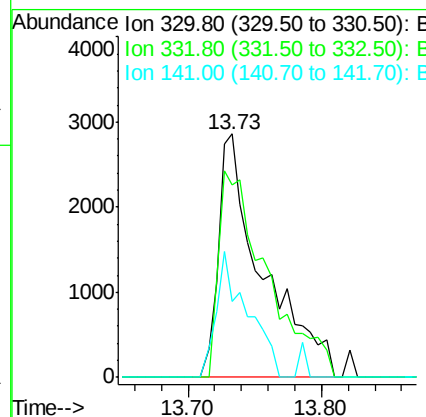
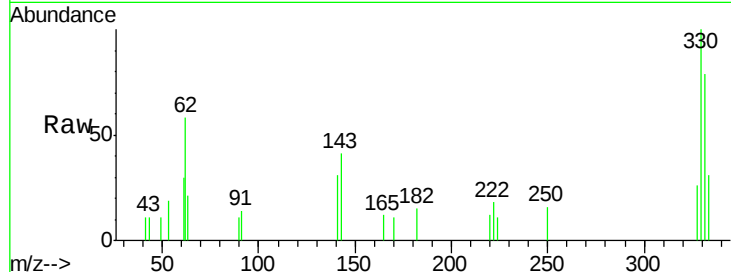
#41
 2,4,6-Tribromophenol
 Concen: 3.773 ng
 RT: 13.73 min Scan# 2048
 Delta R.T. 0.02 min
 Lab File: BF095627.D
 Acq: 2 Jun 2017 9:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-U6-SSW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.6	115.0
141	36.5	31.4	47.2

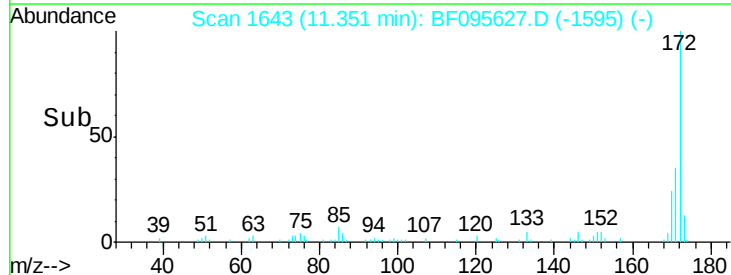
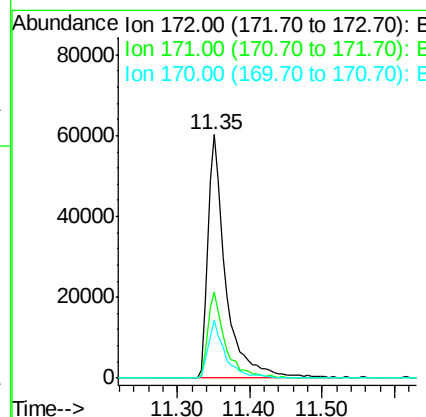
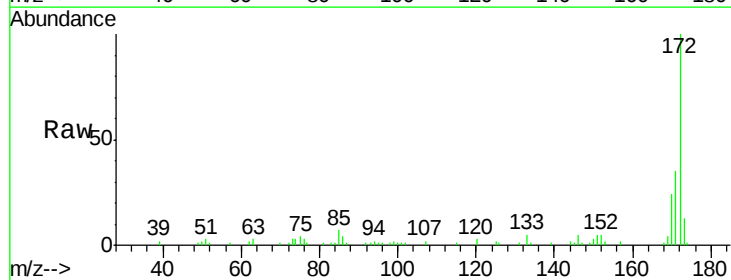
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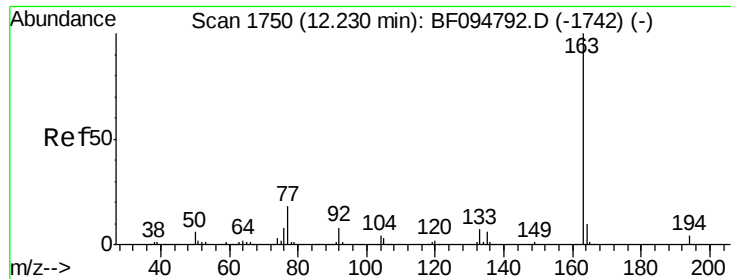
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#44
 2-Fluorobiphenyl
 Concen: 6.935 ng
 RT: 11.35 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF095627.D
 Acq: 2 Jun 2017 9:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.6	19.8	29.8





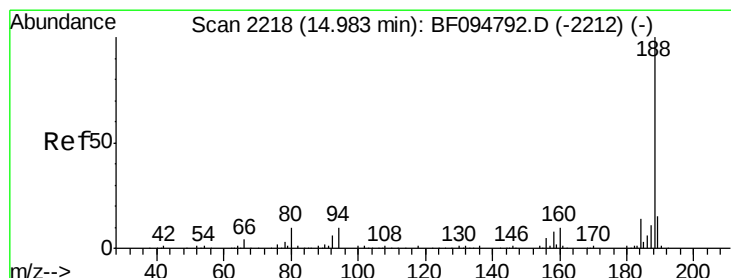
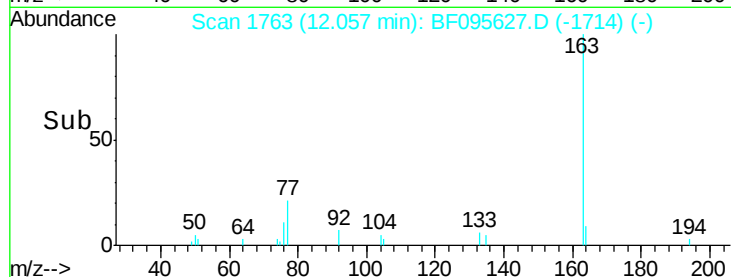
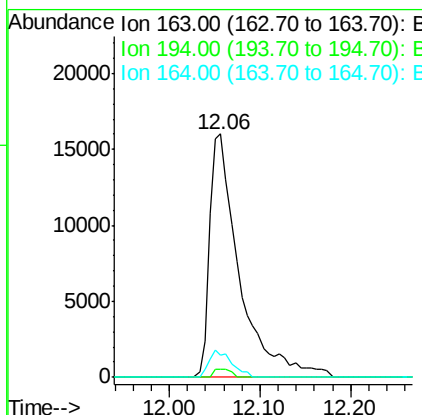
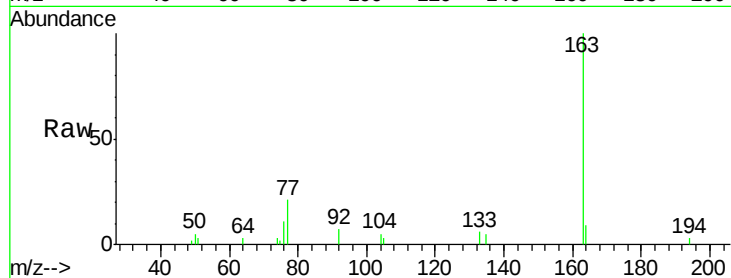
#49
Dimethylphthalate
Concen: 2.103 ng
RT: 12.06 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.2	8.4	12.6

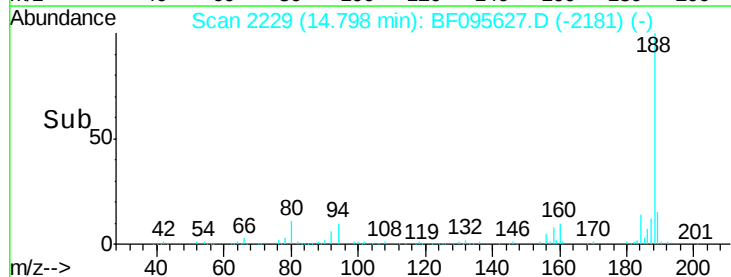
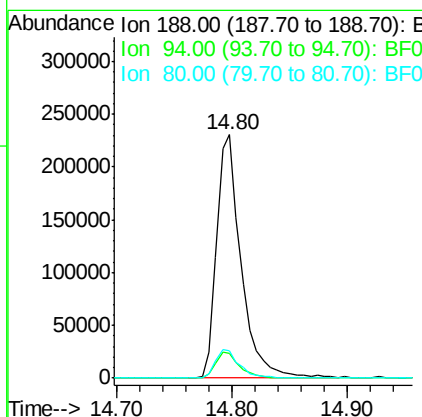
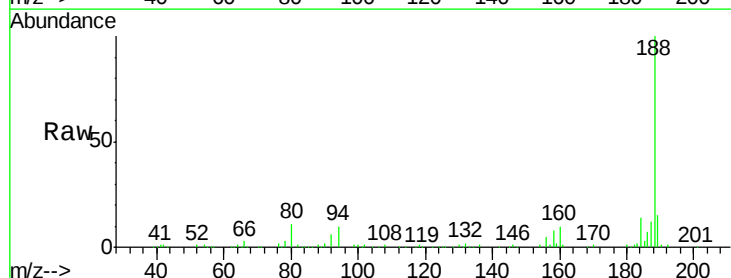
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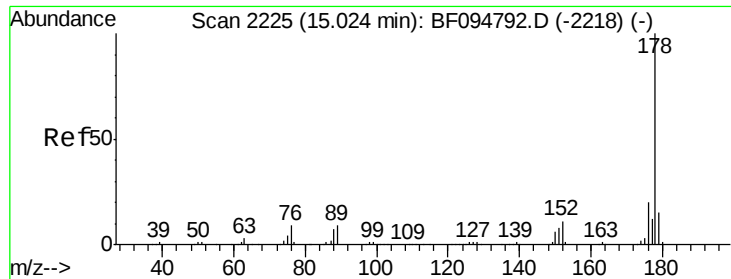
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.0	10.2	15.2





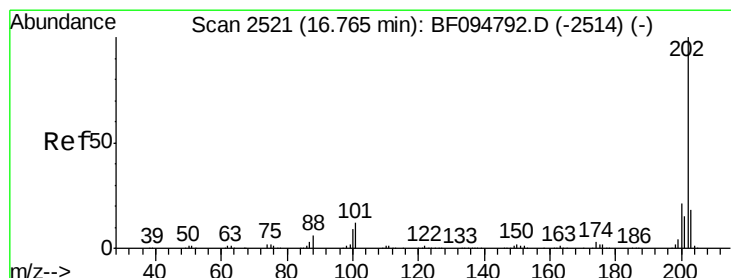
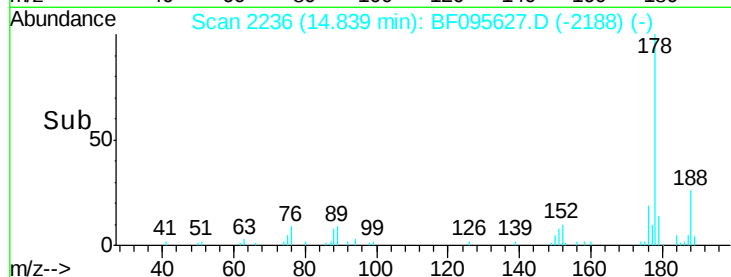
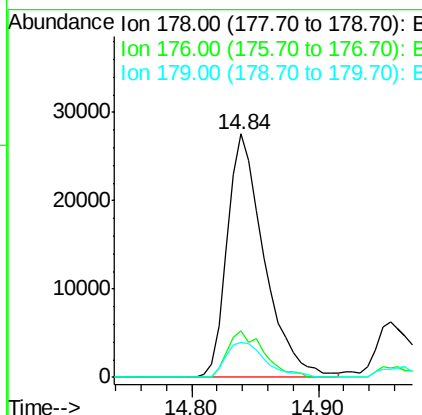
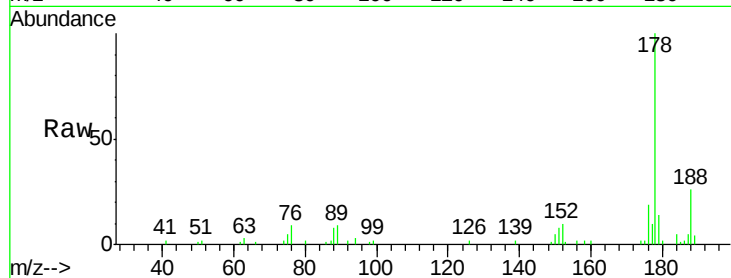
#70
Phenanthrene
Concen: 2.866 ng
RT: 14.84 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	14.5	12.6	19.0

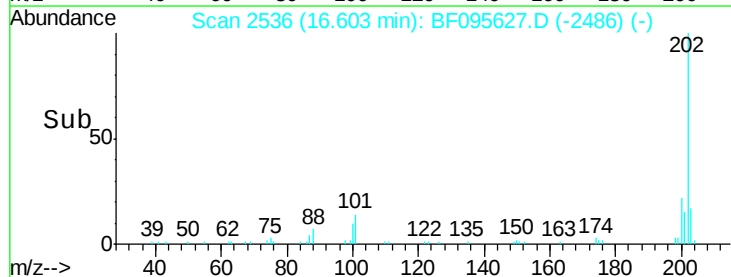
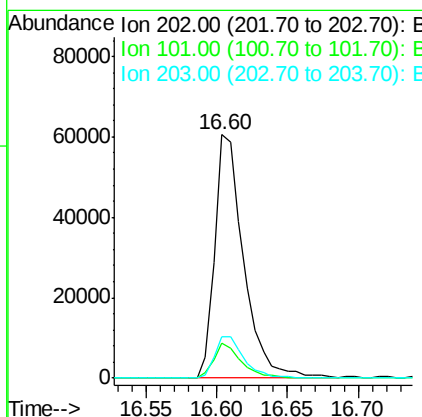
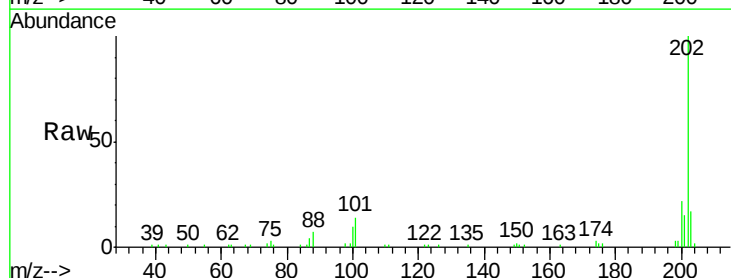
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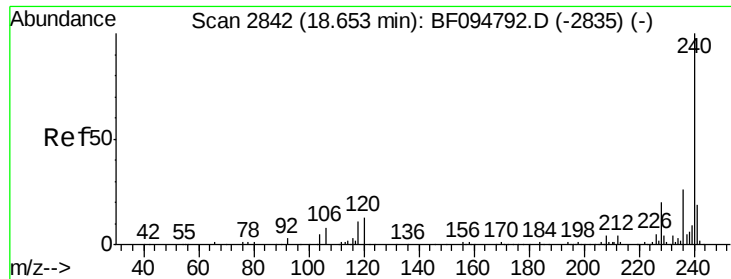
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#74
Fluoranthene
Concen: 4.320 ng
RT: 16.60 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	16.7	0.0	38.1





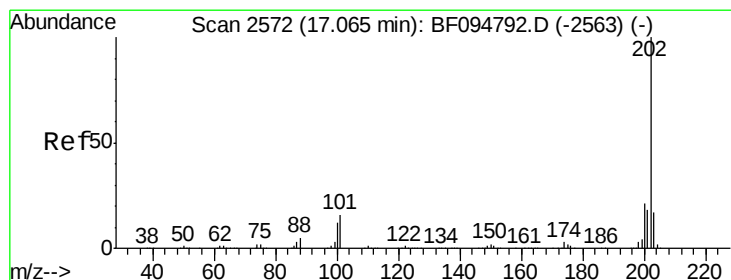
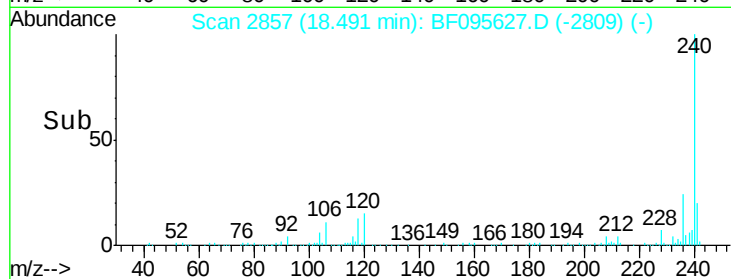
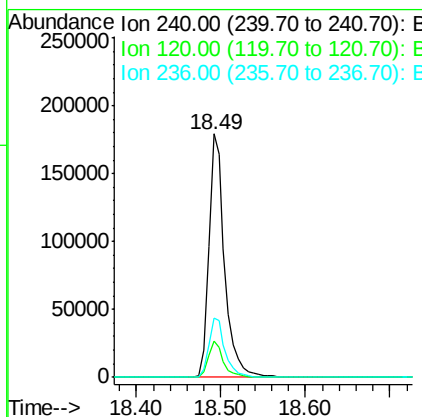
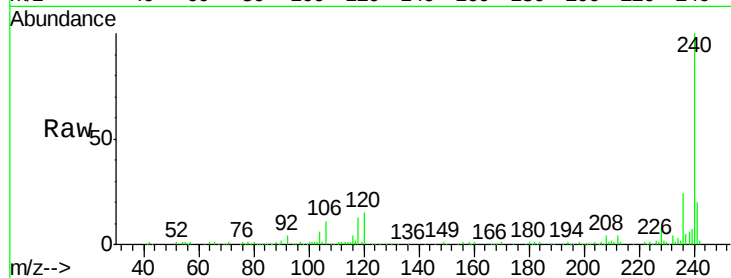
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	233770		
120	14.6	5.8	8.8#	
236	24.3	20.5	30.7	

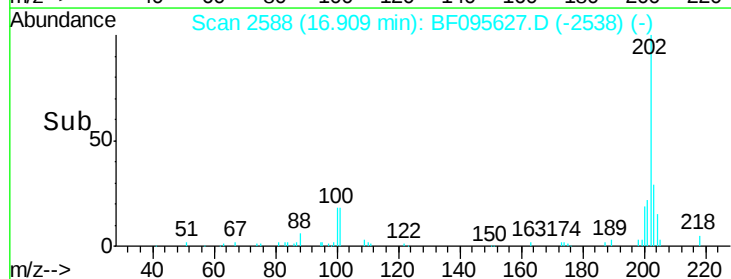
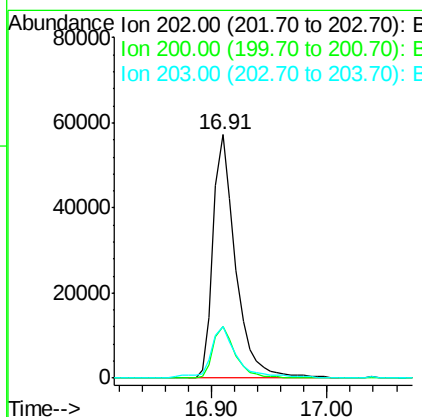
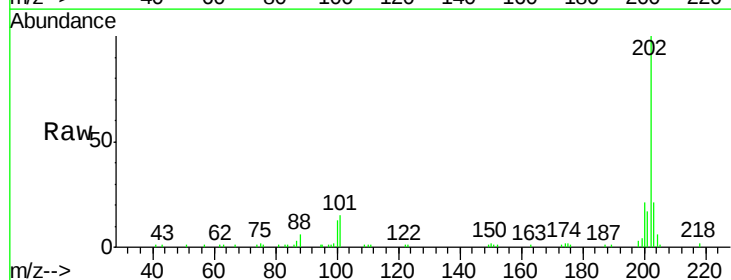
Manual Integrations
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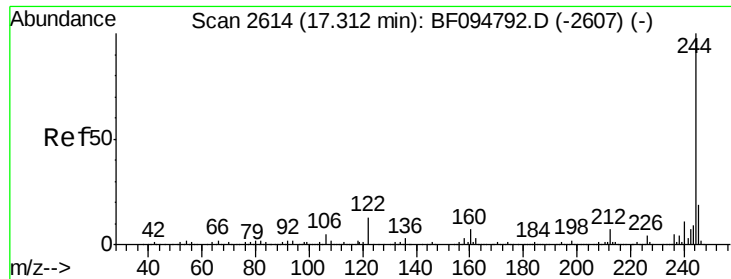
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#77
Pyrene
Concen: 4.448 ng
RT: 16.91 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	77762		
200	21.0	17.6	26.4	
203	21.4	14.4	21.6	





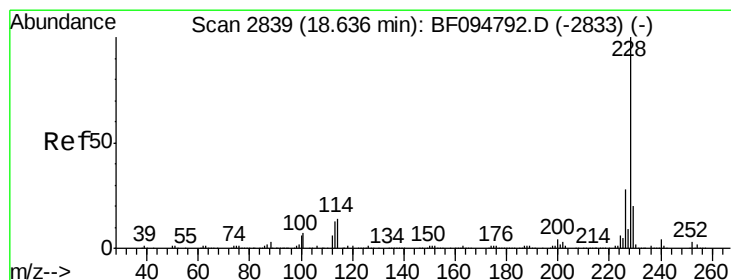
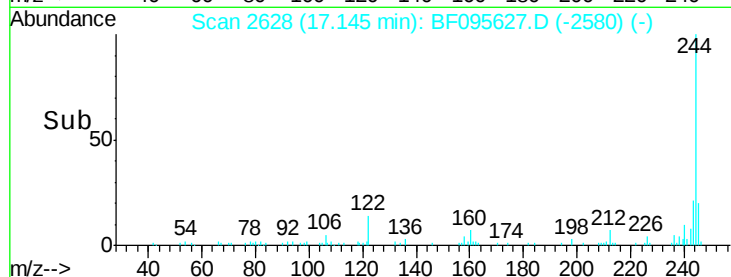
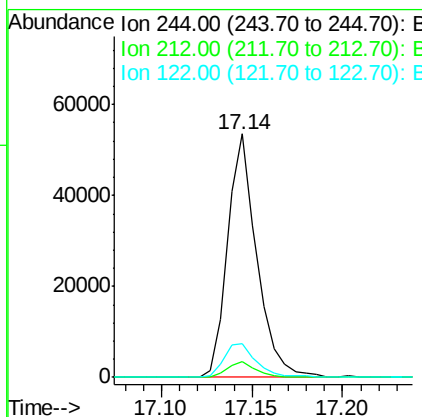
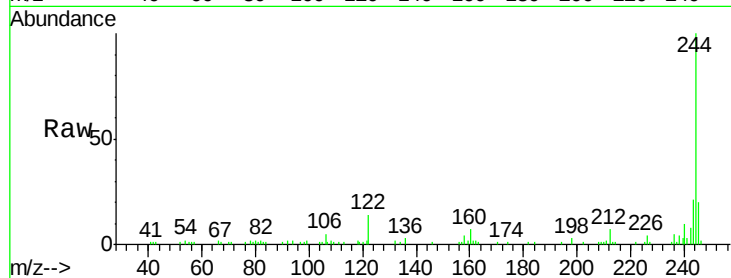
#78
 Terphenyl-d14
 Concen: 5.649 ng
 RT: 17.14 min Scan# 2628
 Delta R.T. -0.02 min
 Lab File: BF095627.D
 Acq: 2 Jun 2017 9:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-U6-SSW

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	6.0	9.0
122	13.7	10.3	15.5

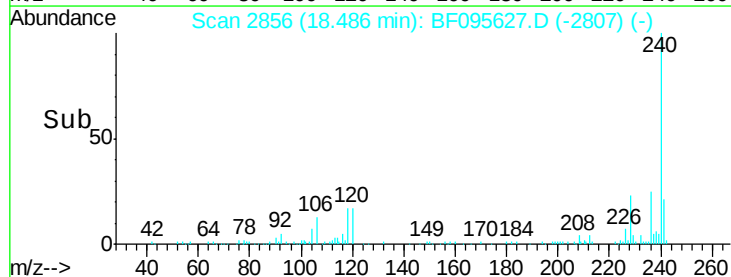
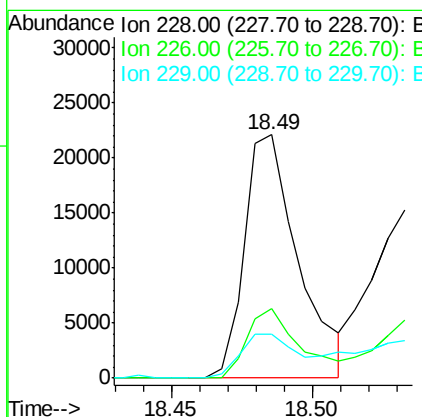
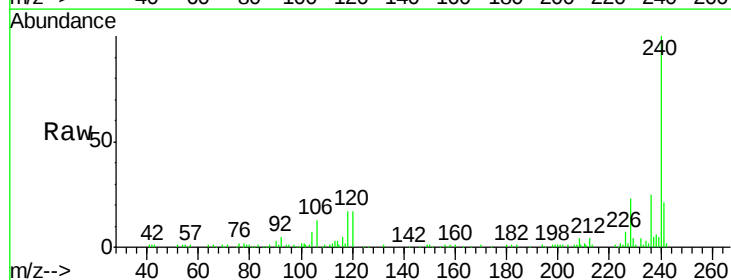
Manual Integrations
 APPROVED

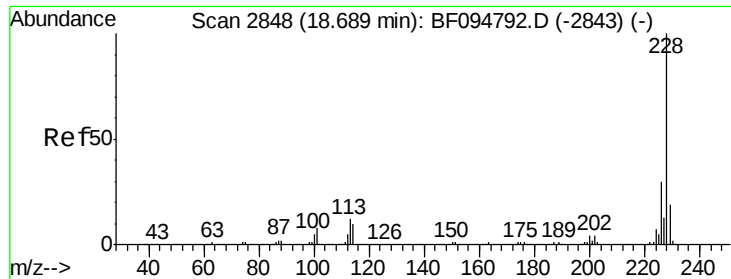
mohammad
 6/2/2017 2:33:09 PM



#80
 Benzo(a)anthracene
 Concen: 2.144 ng
 RT: 18.49 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BF095627.D
 Acq: 2 Jun 2017 9:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	22.6	33.8
229	18.2	16.3	24.5





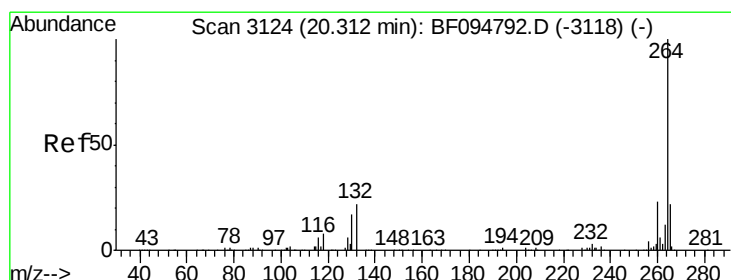
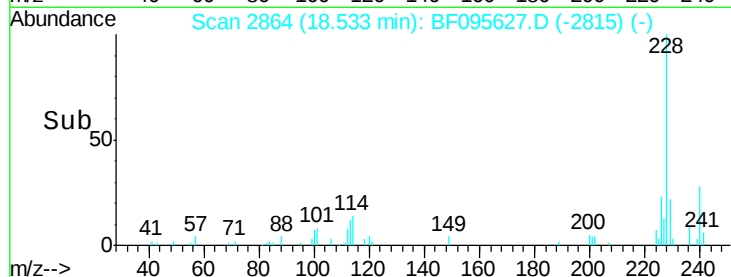
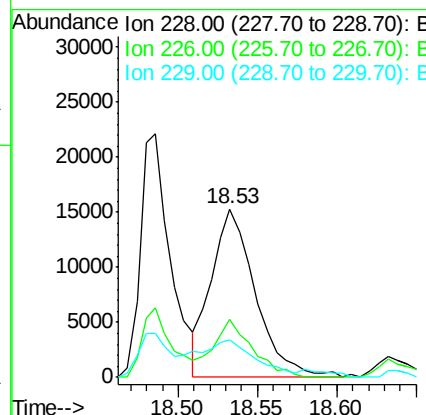
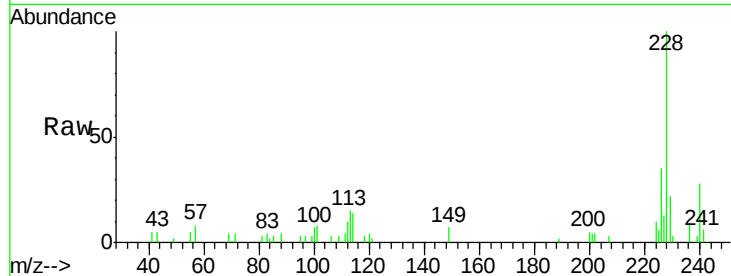
#82
Chrysene
Concen: 2.259 ng
RT: 18.53 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	29713		
226	34.8		24.9	37.3
229	21.9		15.8	23.6

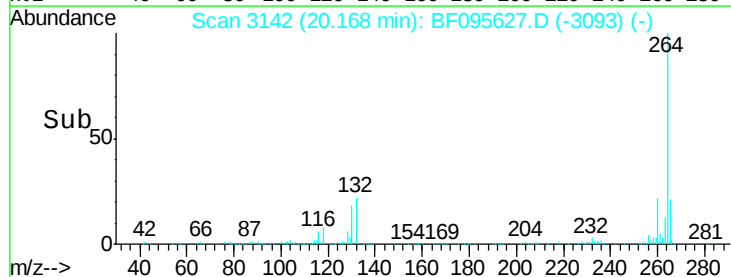
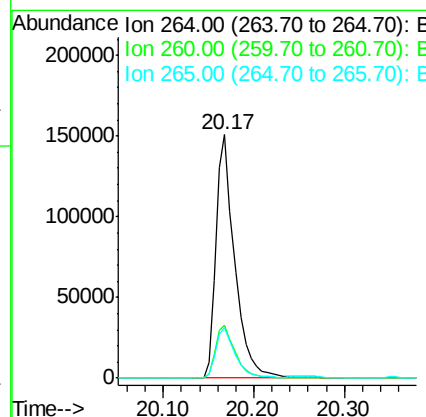
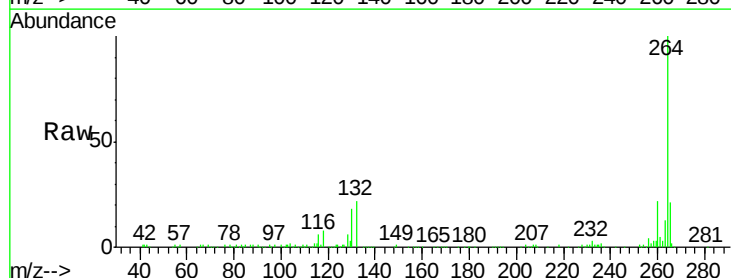
Manual Integrations
APPROVED

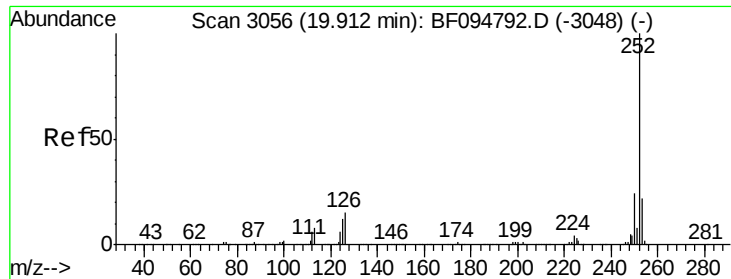
mohammad
6/2/2017 2:33:09 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BF095627.D
Acq: 2 Jun 2017 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	218652		
260	21.9		19.5	29.3
265	20.9		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.598 ng

RT: 19.77 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BF095627.D

Acq: 2 Jun 2017 9:46

Instrument :

BNA_F

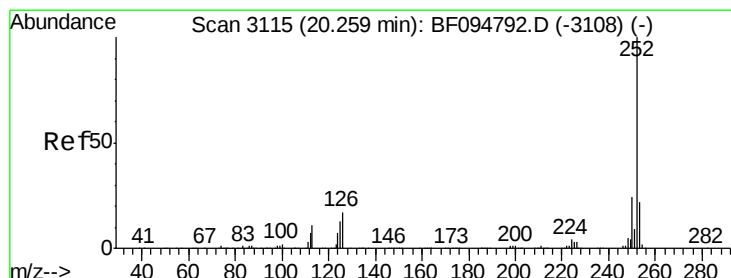
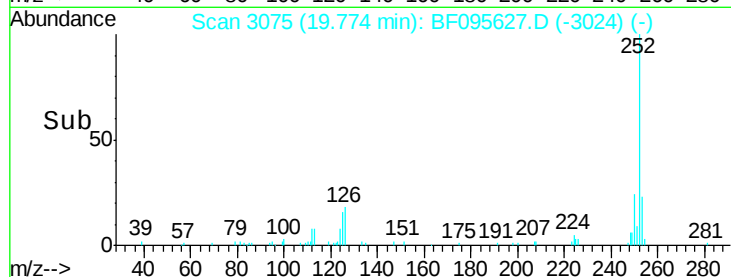
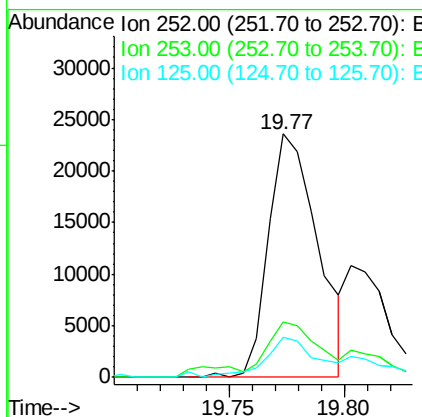
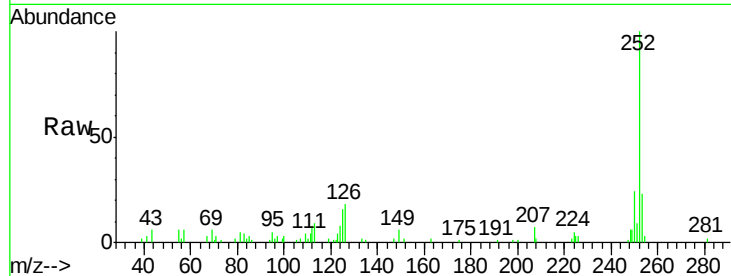
ClientSampleId :

E2-U6-SSW

Tgt Ion:	252	Resp:	35099
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	16.4	9.8	14.8#

Manual Integrations
APPROVED

mohammad
6/2/2017 2:33:09 PM



#89

Benzo(a)pyrene

Concen: 2.179 ng

RT: 20.12 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BF095627.D

Acq: 2 Jun 2017 9:46

Tgt Ion:	252	Resp:	27171
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.5	26.3#
125	13.4	11.0	16.4

