

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094032.D
 Acq On : 29 Mar 2017 21:34
 Operator : SJ/MA
 Sample : I2431-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASE

Manual Integrations
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Quant Time: Mar 30 16:02:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	178736	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	714662	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	319000	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	543836	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	395716	20.00	ng	-0.04
86) Perylene-d12	16.27	264	301134	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1092610	103.25	ng	-0.02
7) Phenol-d6	5.52	99	1425284	108.87	ng	-0.03
23) Nitrobenzene-d5	6.57	82	939553	75.03	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	265732	105.42	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1622230	77.57	ng	-0.04
78) Terphenyl-d14	13.37	244	1213359	68.73	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	112145	4.95	ng	98
70) Phenanthrene	11.41	178	90641	3.00	ng	95
74) Fluoranthene	12.87	202	104895	3.39	ng	97
77) Pyrene	13.15	202	139226	4.85	ng	98
80) Benzo(a)anthracene	14.62	228	56793	2.46	ng	# 86
82) Chrysene	14.67	228	67668	3.16	ng	# 95
87) Benzo(b)fluoranthene	15.86	252	68138m	3.69	ng	
89) Benzo(a)pyrene	16.20	252	56250	3.31	ng	# 96
91) Benzo(g,h,i)perylene	18.02	276	51630	3.56	ng	99

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

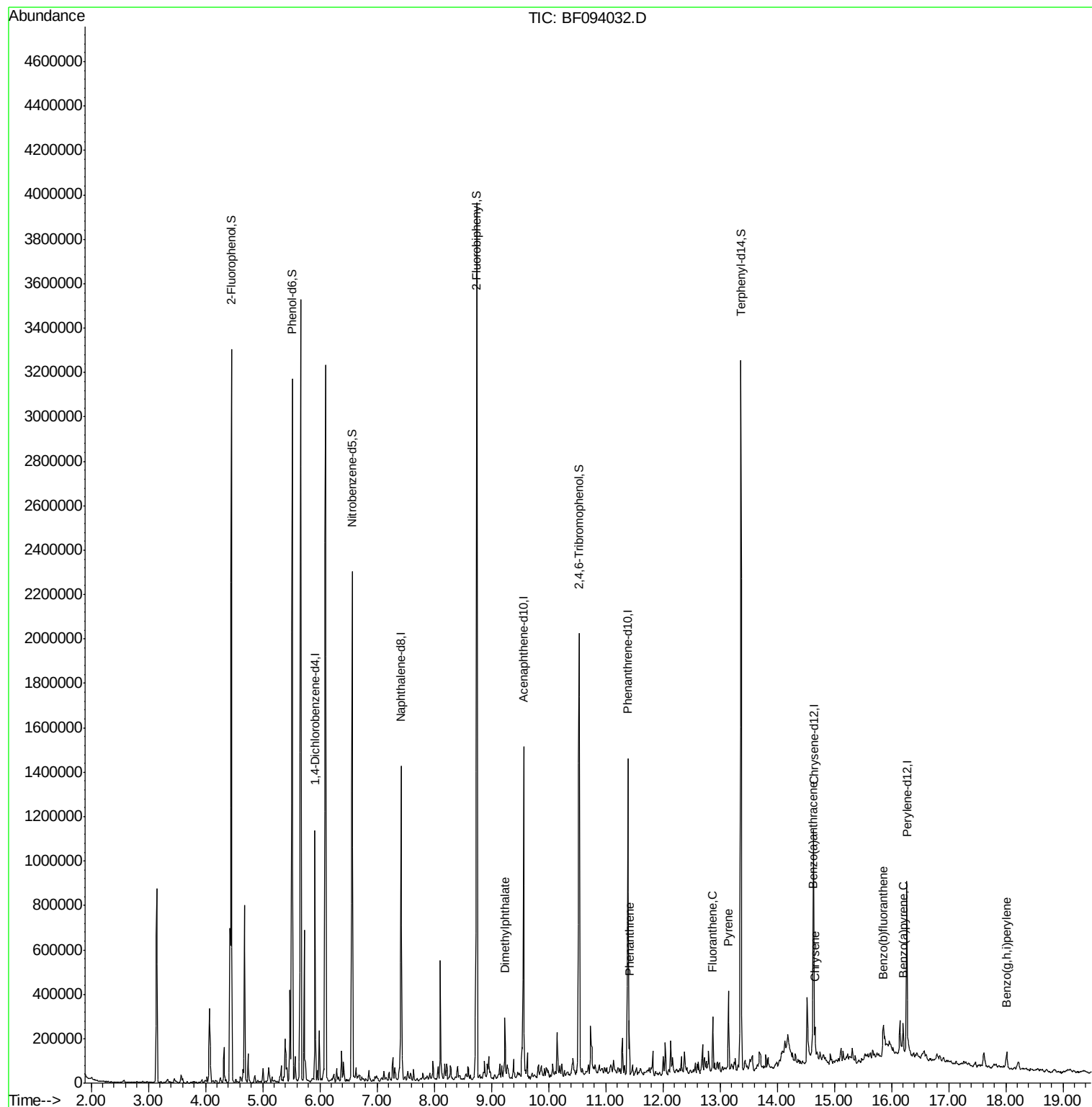
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094032.D
Acq On : 29 Mar 2017 21:34
Operator : SJ/MA
Sample : I2431-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

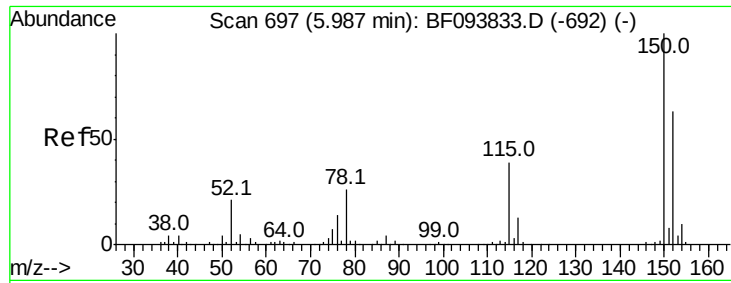
Instrument :
BNA_F
ClientSampleId :
E2-T11-BASE

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Quant Time: Mar 30 16:02:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

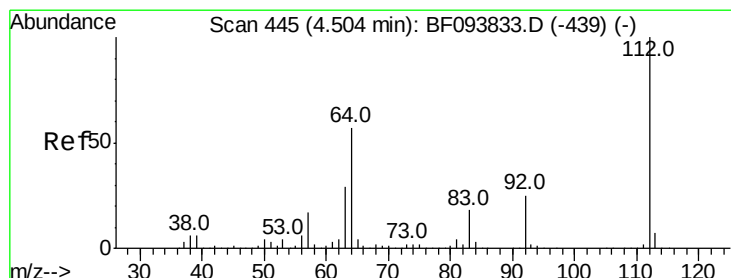
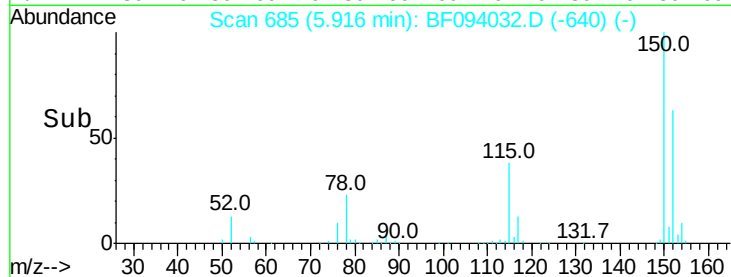
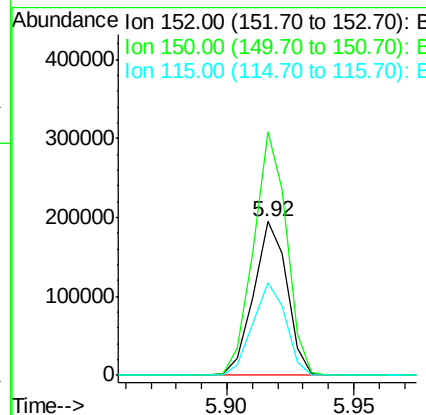
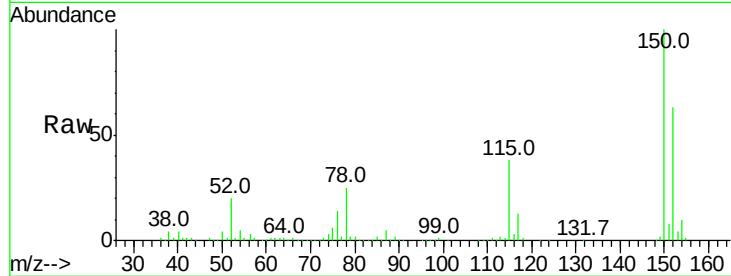
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094032.D
Acq: 29 Mar 2017 21:34

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	60.3	52.2	78.2

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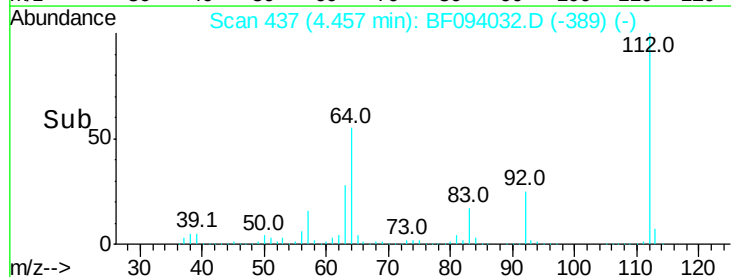
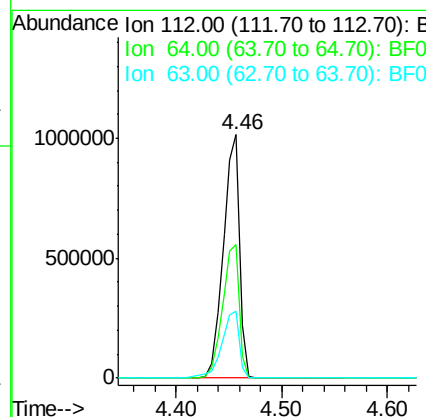
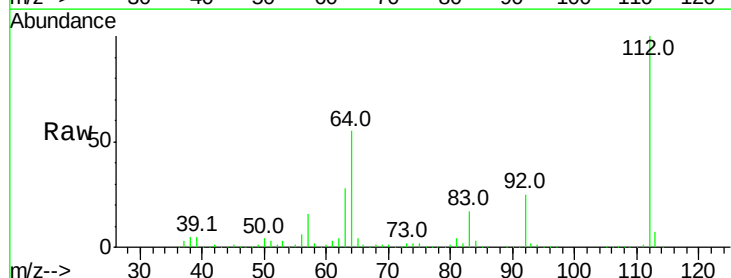
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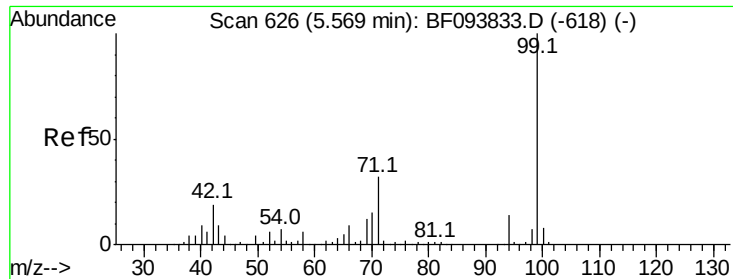


#5

2-Fluorophenol
Concen: 103.25 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF094032.D
Acq: 29 Mar 2017 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.6	23.4	35.0





#7

Phenol-d6

Concen: 108.87 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094032.D

Acq: 29 Mar 2017 21:34

Instrument :

BNA_F

ClientSampleId :

E2-T11-BASE

Tot Ion: 99 Resp: 1425284

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

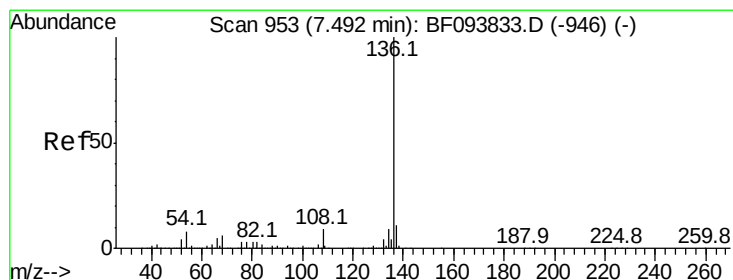
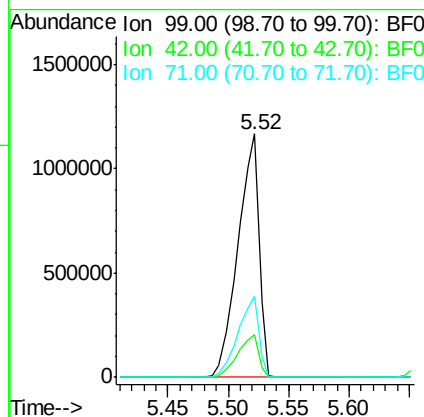
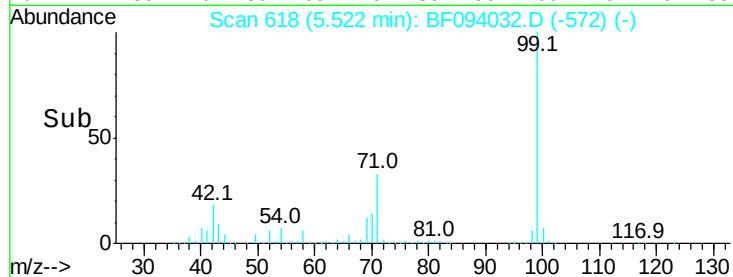
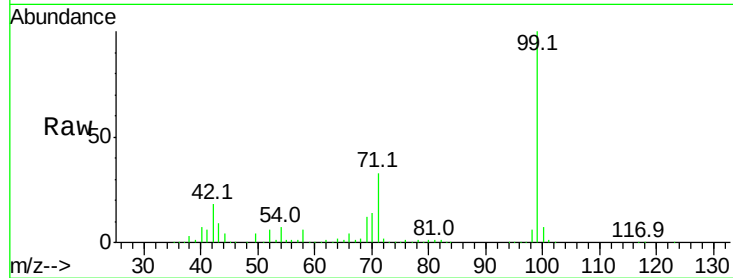
71 33.5 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094032.D

Acq: 29 Mar 2017 21:34

Tgt Ion: 136 Resp: 714662

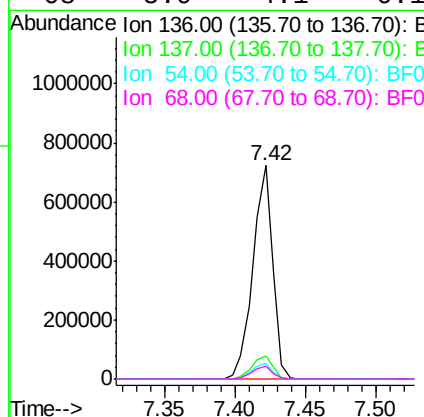
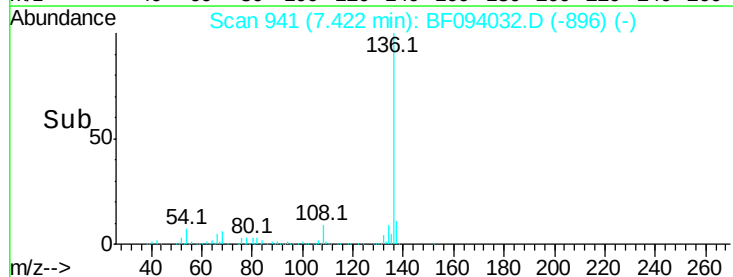
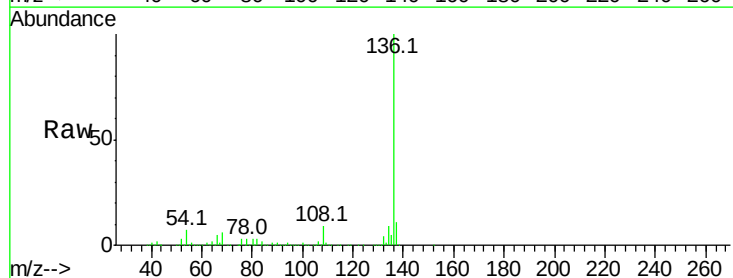
Ion Ratio Lower Upper

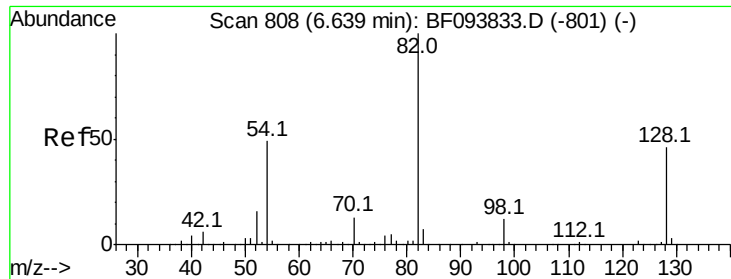
136 100

137 10.9 8.5 12.7

54 7.4 4.9 7.3#

68 5.9 4.1 6.1





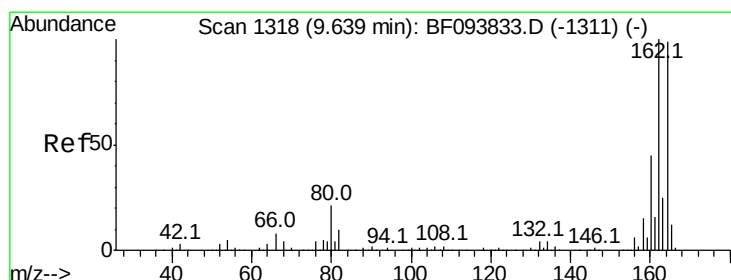
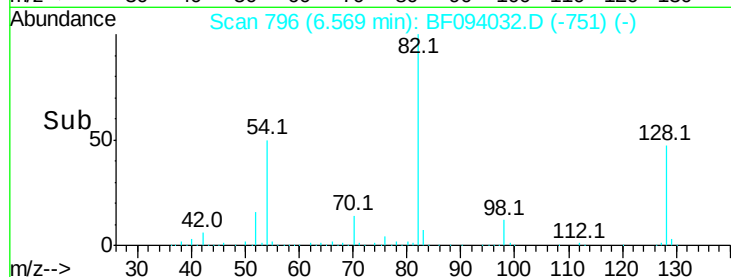
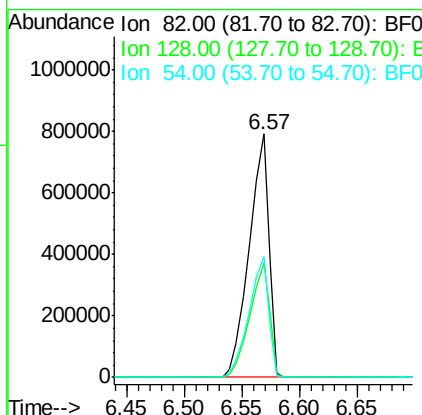
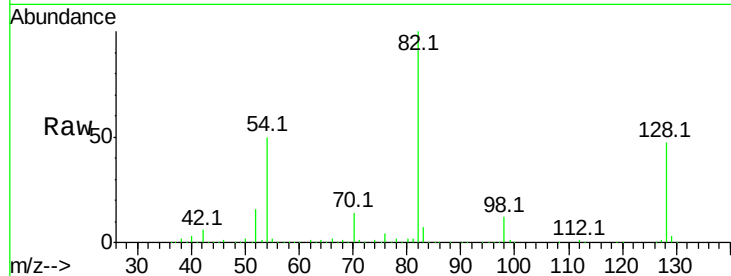
#23
 Nitrobenzene-d5
 Concen: 75.03 ng
 RT: 6.57 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF094032.D
 Acq: 29 Mar 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	49.8	42.2	63.2

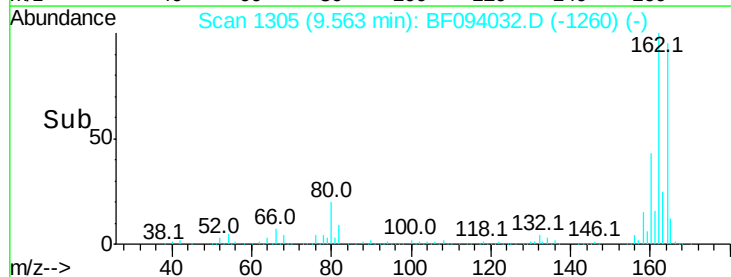
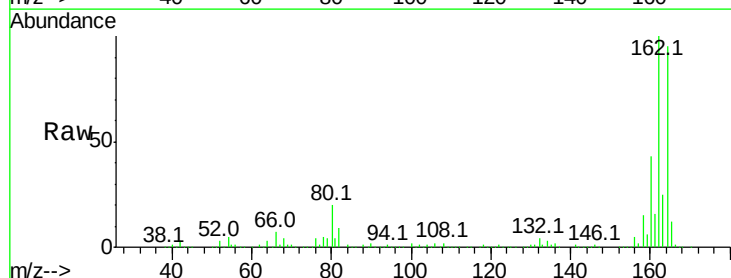
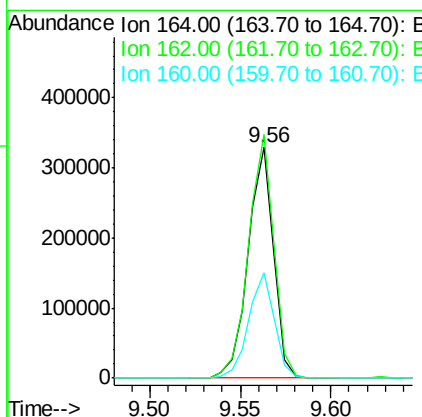
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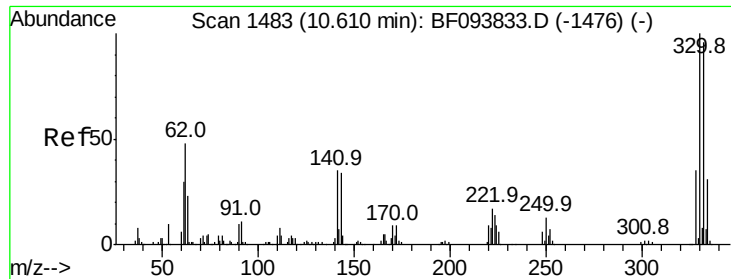
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094032.D
 Acq: 29 Mar 2017 21:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	45.9	36.2	54.2





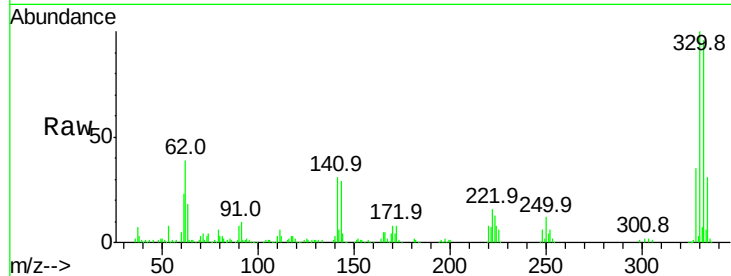
#41
 2,4,6-Tribromophenol
 Concen: 105.42 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094032.D
 Acq: 29 Mar 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASE

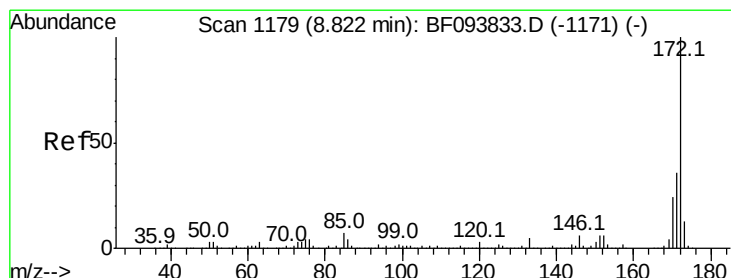
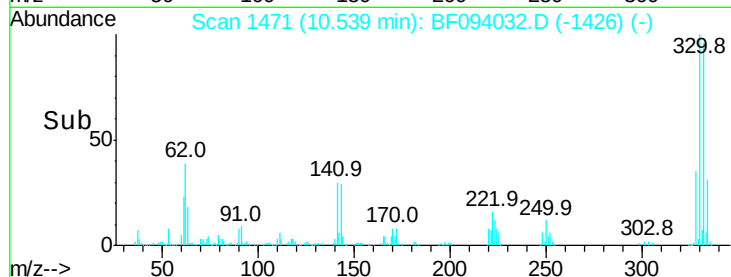
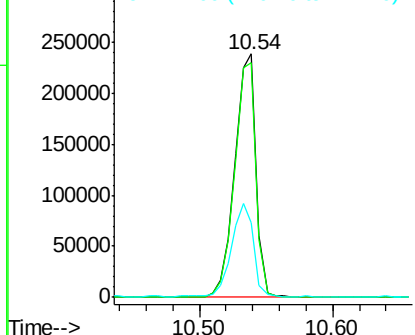
Tot Ion	Ratio	Resp	Lower	Upper
330	100	265732		
332	97.3	76.6	115.0	
141	39.5	31.4	47.2	

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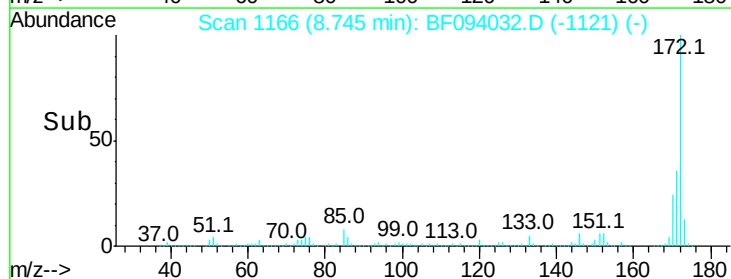
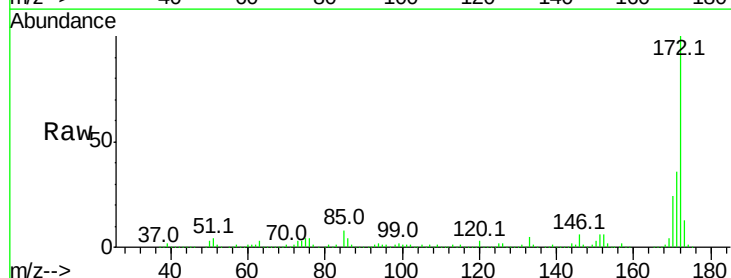
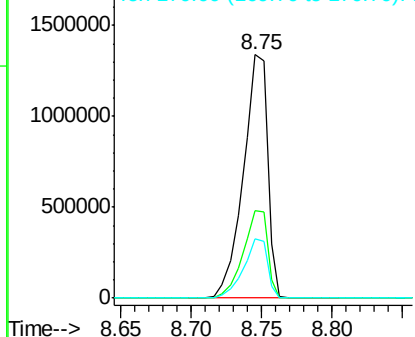
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

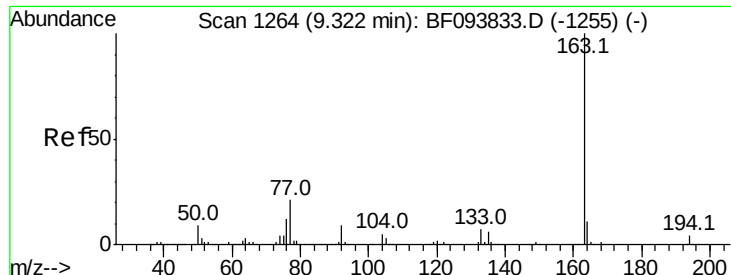


#44
 2-Fluorobiphenyl
 Concen: 77.57 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094032.D
 Acq: 29 Mar 2017 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1622230		
171	36.2	29.6	44.4	
170	24.4	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





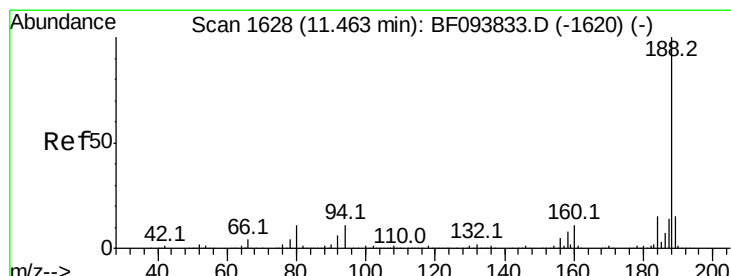
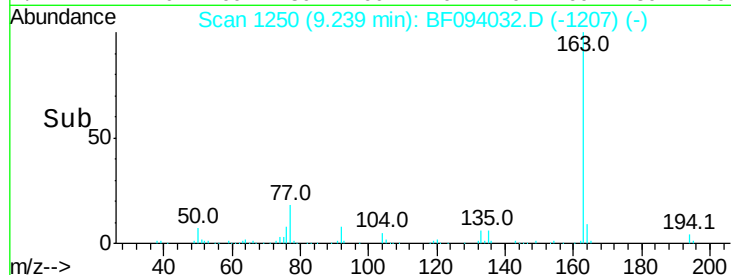
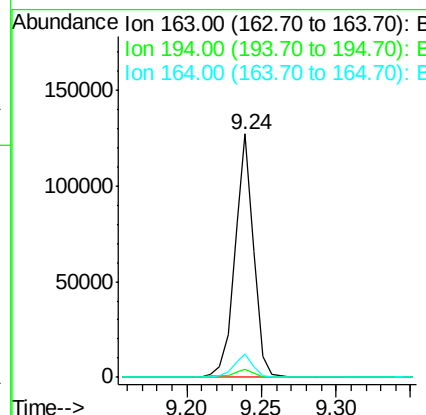
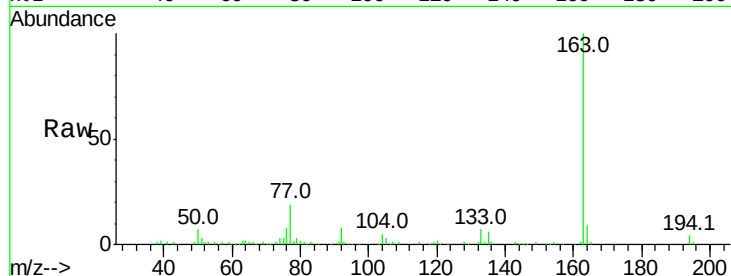
#49
Dimethylphthalate
Concen: 4.95 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.05 min
Lab File: BF094032.D
Acq: 29 Mar 2017 21:34

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	112145		
194	3.5	2.6	4.0	
164	9.5	8.4	12.6	

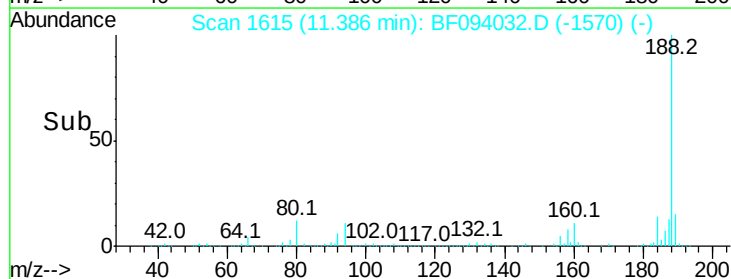
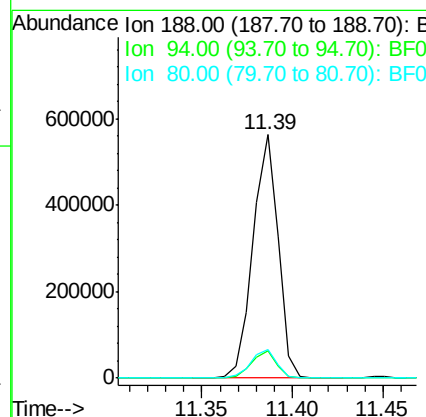
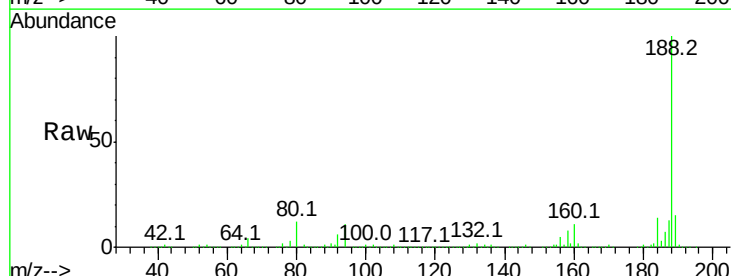
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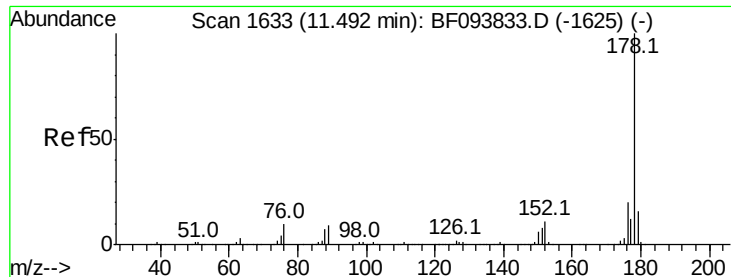
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094032.D
Acq: 29 Mar 2017 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	543836		
94	11.0	9.4	14.2	
80	11.9	10.2	15.2	





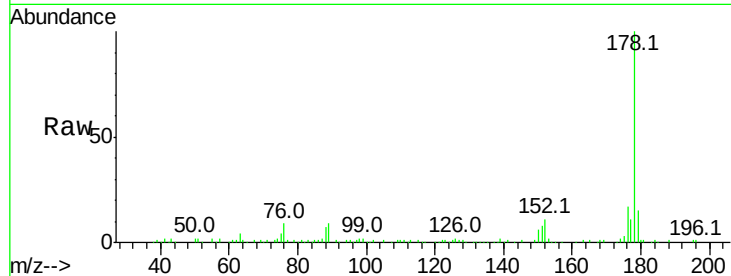
#70
Phenanthrene
Concen: 3.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.05 min
Lab File: BF094032.D
Acq: 29 Mar 2017 21:34

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASE

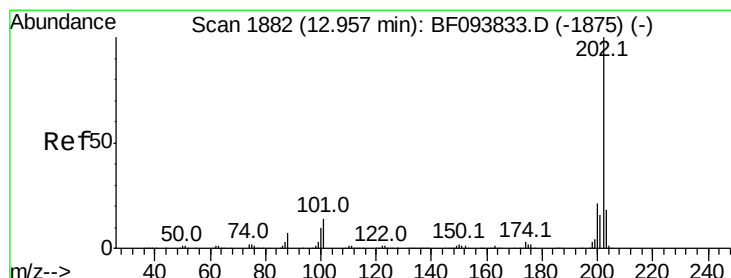
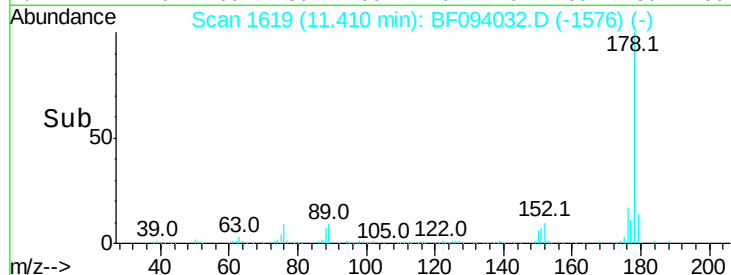
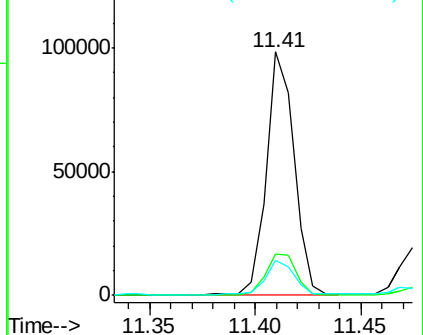
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.1	16.2	24.4
179	14.6	12.6	19.0

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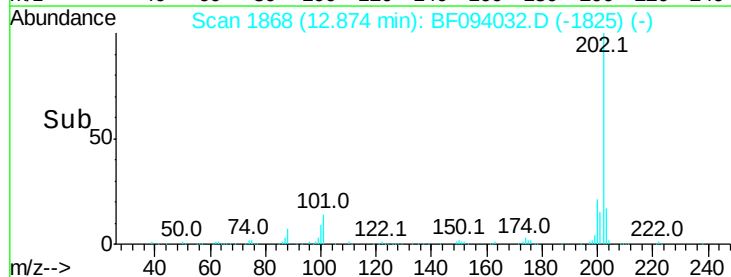
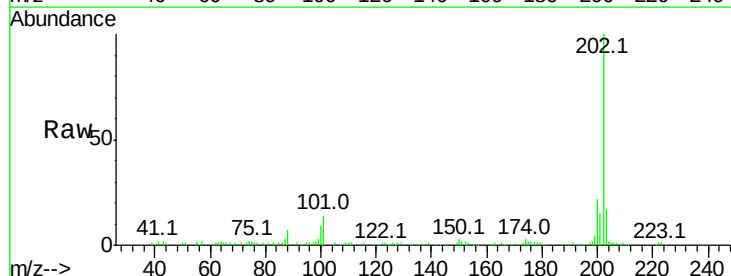
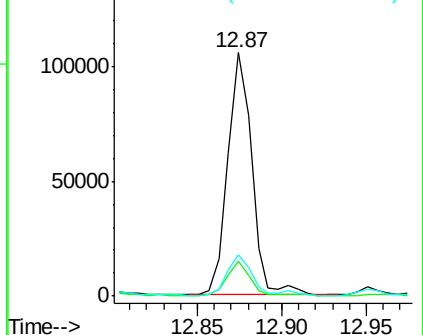
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

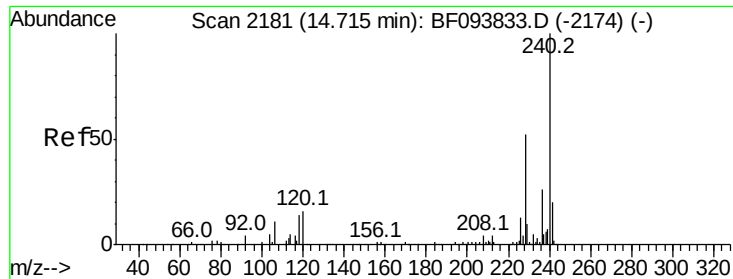


#74
Fluoranthene
Concen: 3.39 ng
RT: 12.87 min Scan# 1868
Delta R.T. -0.05 min
Lab File: BF094032.D
Acq: 29 Mar 2017 21:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	33.2
203	17.0	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: 14.64 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF094032.D

Acq: 29 Mar 2017 21:34

Instrument :

BNA_F

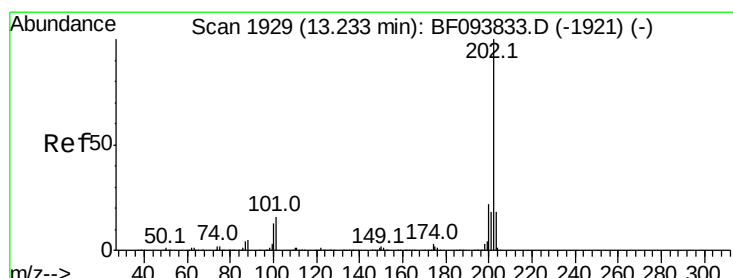
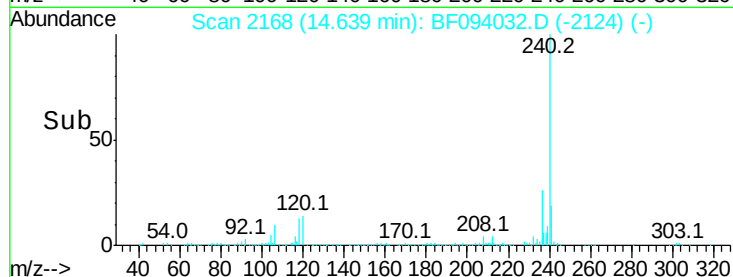
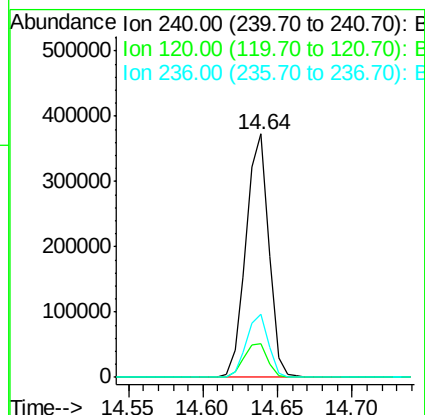
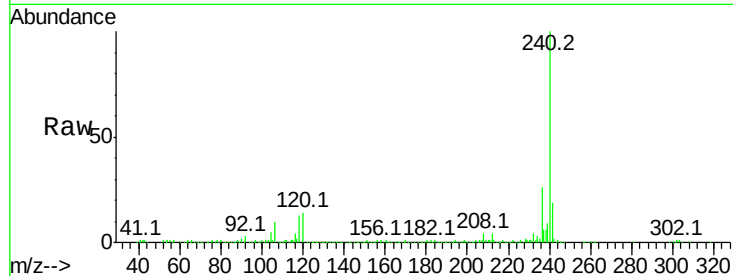
ClientSampleId :

E2-T11-BASE

Tot Ion:	240	Resp:	395716
Ion Ratio	Lower	Upper	
240	100		
120	13.6	5.8	8.8#
236	25.9	20.5	30.7

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#77

Pyrene

Concen: 4.85 ng

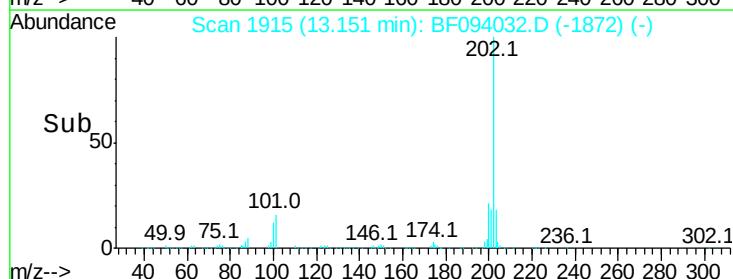
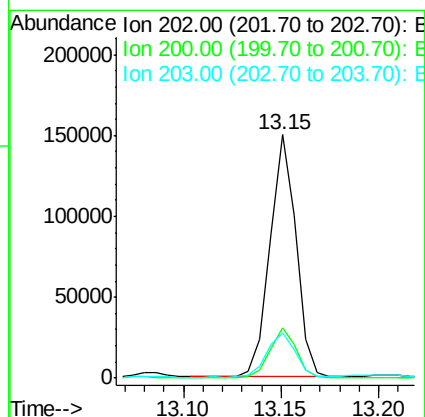
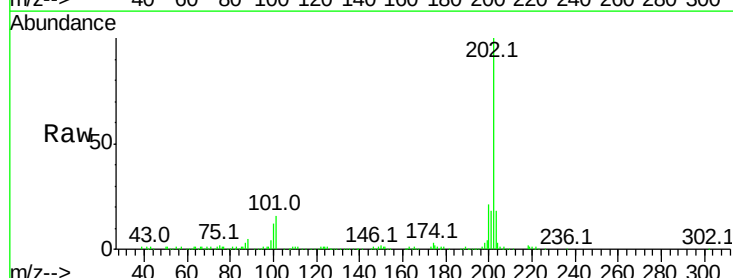
RT: 13.15 min Scan# 1915

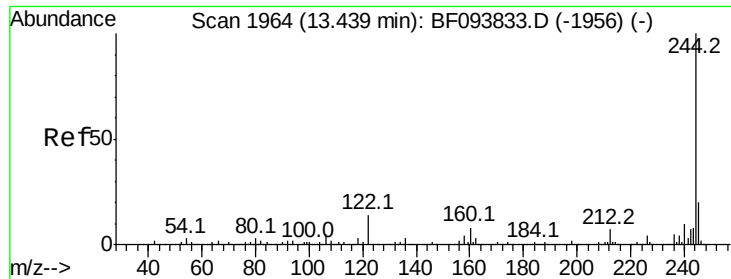
Delta R.T. -0.05 min

Lab File: BF094032.D

Acq: 29 Mar 2017 21:34

Tgt Ion:	202	Resp:	139226
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.6	26.4
203	18.4	14.4	21.6





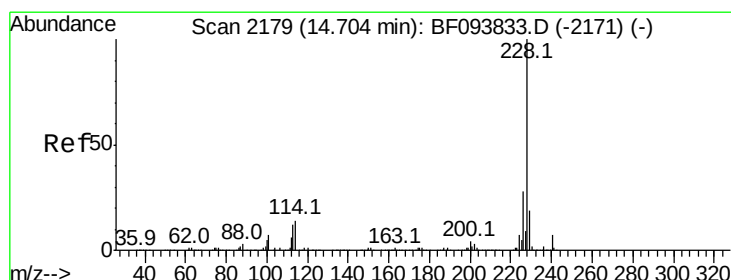
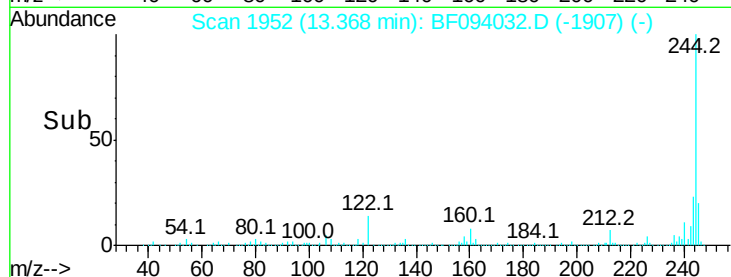
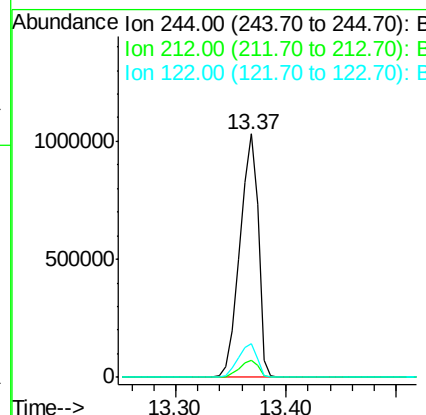
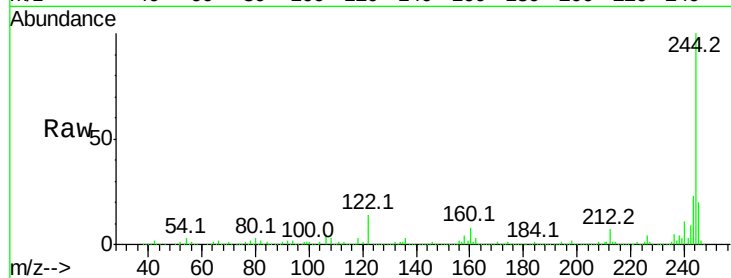
#78
 Terphenyl-d14
 Concen: 68.73 ng
 RT: 13.37 min Scan# 1952
 Delta R.T. -0.04 min
 Lab File: BF094032.D
 Acq: 29 Mar 2017 21:34

Instrument :
 BNA_F
 ClientSampled :
 E2-T11-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.9	10.3	15.5

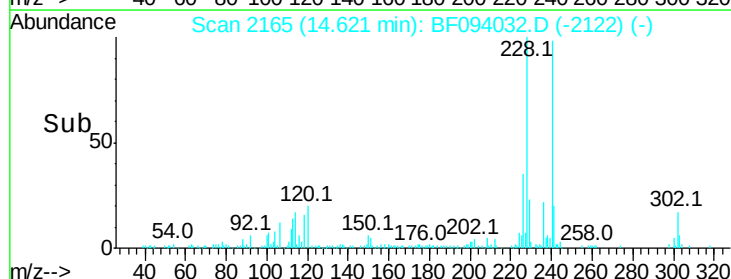
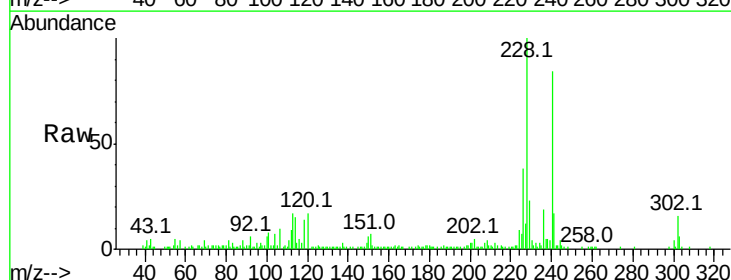
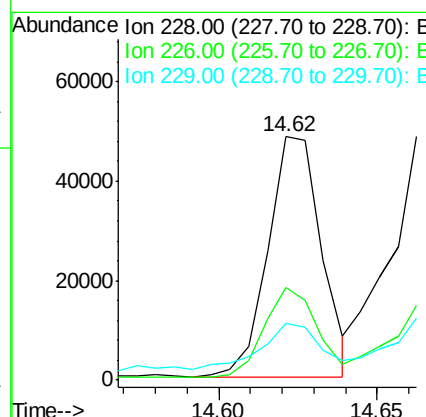
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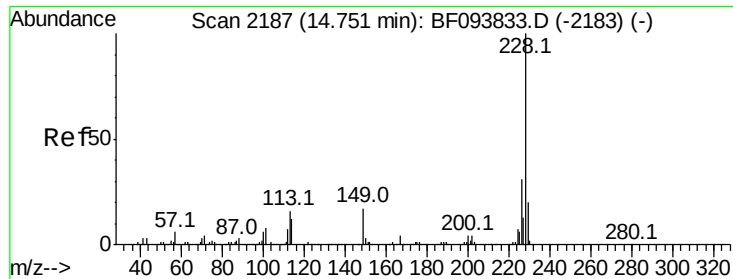
mohammad
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#80
 Benzo(a)anthracene
 Concen: 2.46 ng
 RT: 14.62 min Scan# 2165
 Delta R.T. -0.05 min
 Lab File: BF094032.D
 Acq: 29 Mar 2017 21:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.4	22.6	33.8#
229	23.2	16.3	24.5





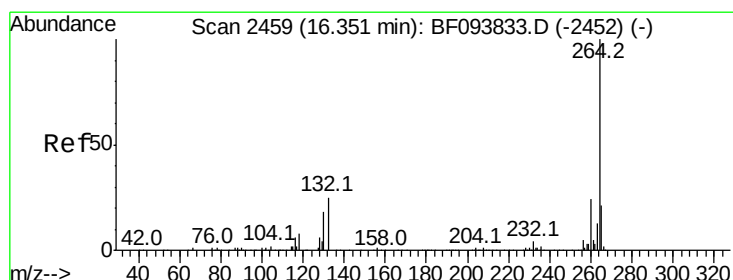
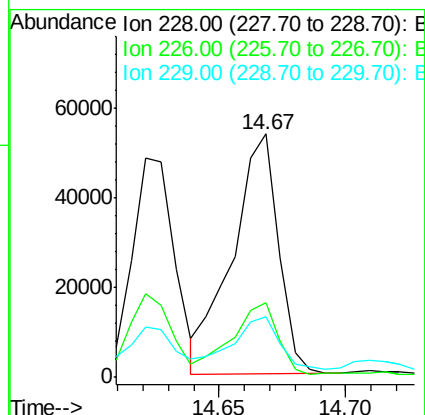
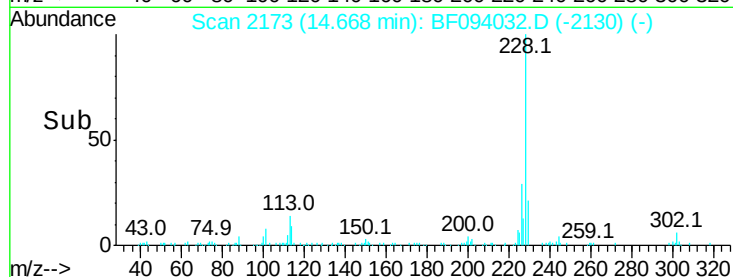
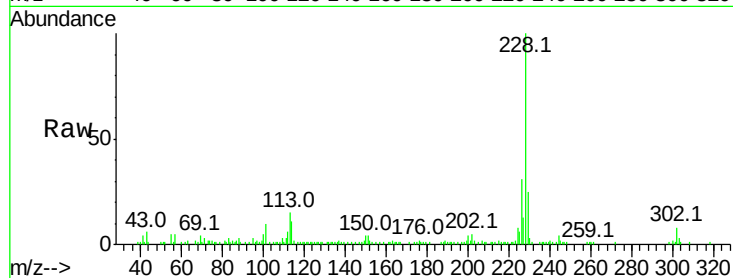
#82
Chrysene
Concen: 3.16 ng
RT: 14.67 min Scan# 2173
Delta R.T. -0.05 min
Lab File: BF094032.D
Acq: 29 Mar 2017 21:34

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	24.9	15.8	23.6

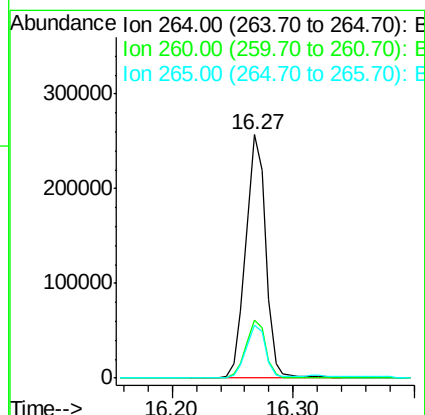
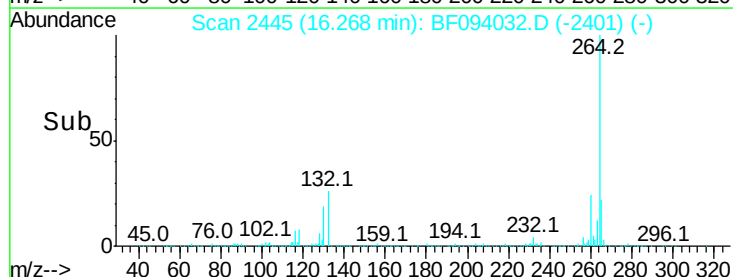
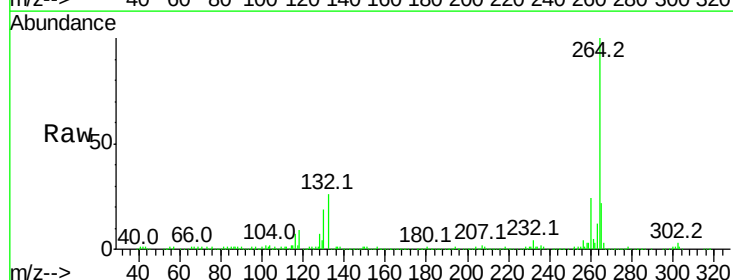
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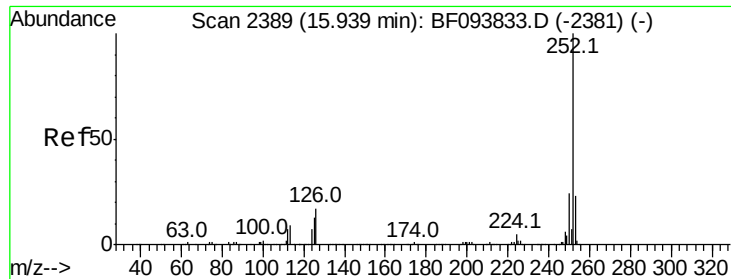
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 2445
Delta R.T. -0.04 min
Lab File: BF094032.D
Acq: 29 Mar 2017 21:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	17.2	25.8





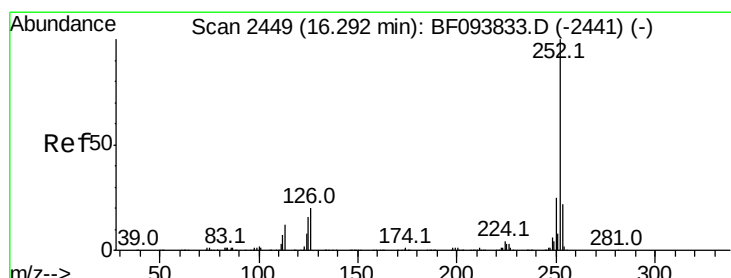
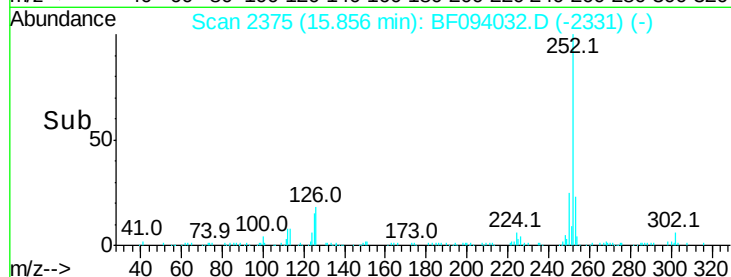
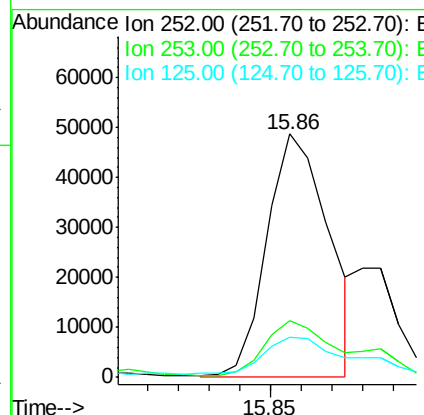
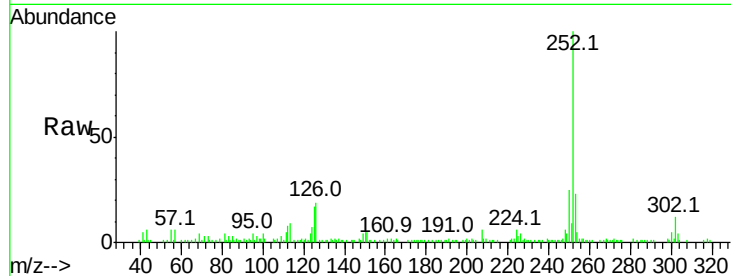
#87
Benzo(b)fluoranthene
Concen: 3.69 ng m
RT: 15.86 min Scan# 2375
Delta R.T. -0.04 min
Lab File: BF094032.D
Acq: 29 Mar 2017 21:34

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	16.6	9.8	14.8

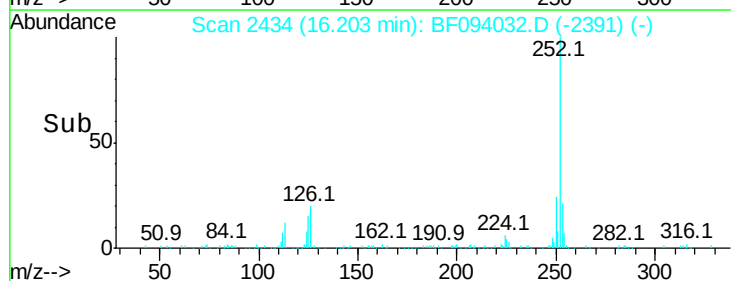
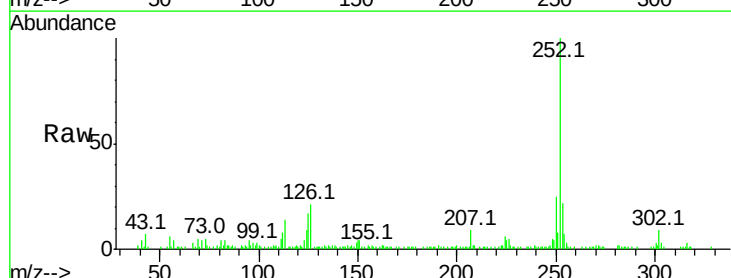
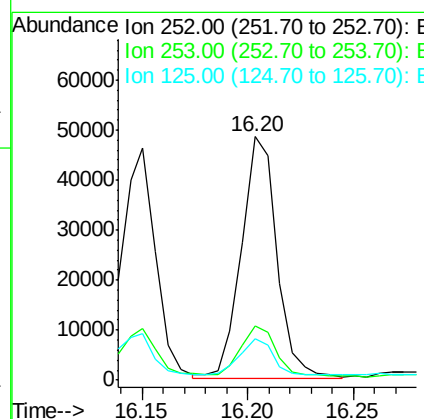
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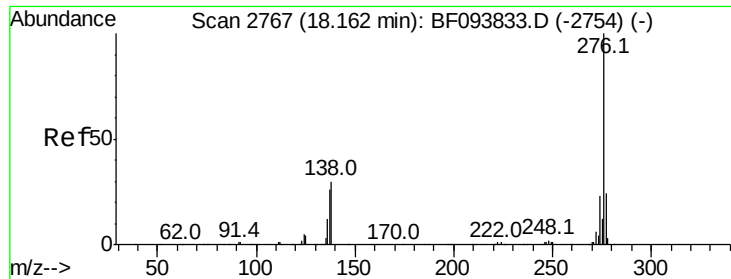
mohammad
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#89
Benzo(a)pyrene
Concen: 3.31 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.05 min
Lab File: BF094032.D
Acq: 29 Mar 2017 21:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	17.1	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 3.56 ng
 RT: 18.02 min Scan# 2742
 Delta R.T. -0.08 min
 Lab File: BF094032.D
 Acq: 29 Mar 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 E2-T11-BASE

Tot Ion:	276	Resp:	51630
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.6	28.0
138	32.1	25.4	38.0

Manual Integrations
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