

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094051.D
 Acq On : 30 Mar 2017 8:07
 Operator : SJ/MA
 Sample : I2431-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T12-SSW

Manual Integrations
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 3/30/2017 2:32:27 PM

Quant Time: Mar 30 08:29:37 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	168821	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	654710	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	281232	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	441189	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	313350	20.00	ng	-0.04
86) Perylene-d12	16.28	264	253288	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1303911	130.45	ng	-0.01
7) Phenol-d6	5.53	99	1622853	131.24	ng	-0.02
23) Nitrobenzene-d5	6.57	82	858318	74.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	262487	118.11	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	1674544	90.82	ng	-0.03
78) Terphenyl-d14	13.37	244	1054548	75.44	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.25	163	108084	5.41	ng	98
70) Phenanthrene	11.42	178	56354	2.30	ng	98
74) Fluoranthene	12.89	202	104283	4.15	ng	96
77) Pyrene	13.16	202	98530	4.33	ng	97
80) Benzo(a)anthracene	14.63	228	51890	2.84	ng	94
82) Chrysene	14.67	228	45562	2.69	ng	94
87) Benzo(b)fluoranthene	15.87	252	68463m	4.41	ng	
89) Benzo(a)pyrene	16.22	252	41718	2.92	ng	# 95

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

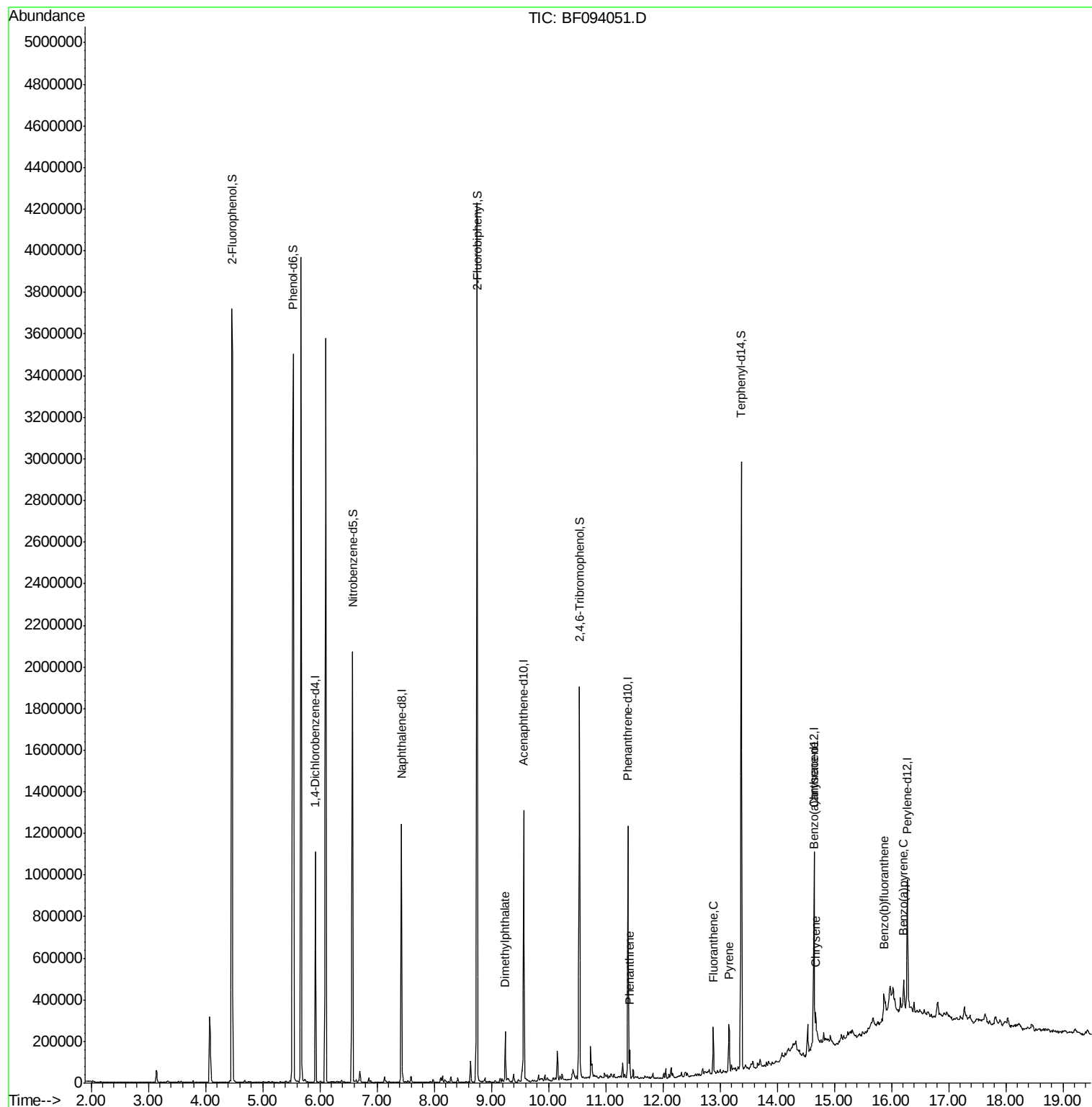
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094051.D
Acq On : 30 Mar 2017 8:07
Operator : SJ/MA
Sample : I2431-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

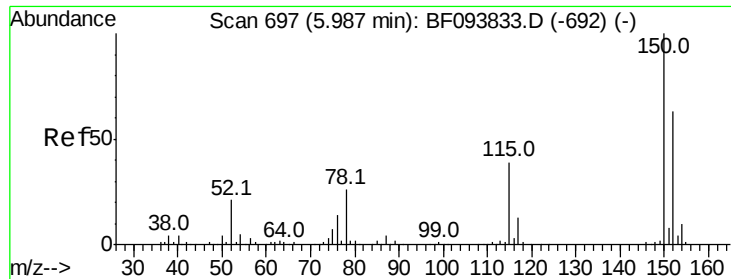
Instrument :
BNA_F
ClientSampleId :
E2-T12-SSW

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Quant Time: Mar 30 08:29:37 2017
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#1

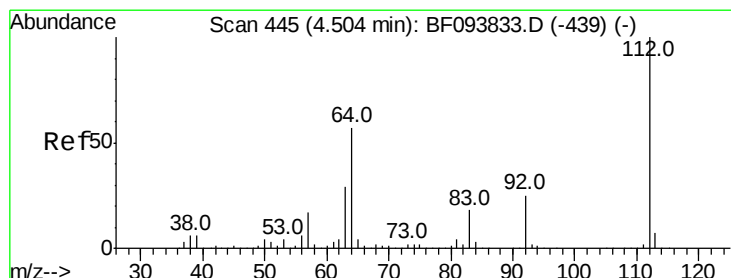
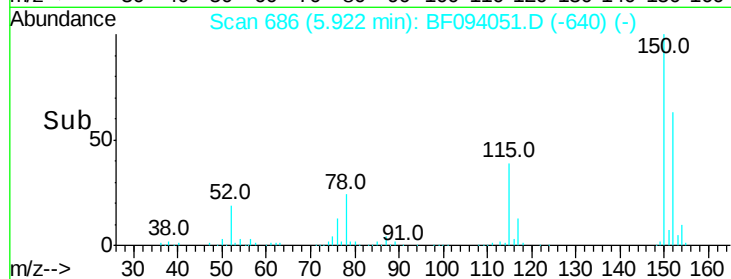
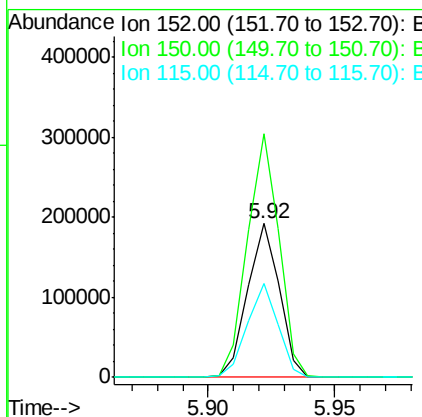
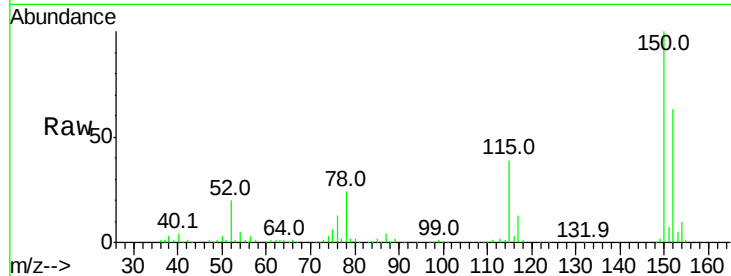
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Instrument :
BNA_F
ClientSampleId :
E2-T12-SSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	61.4	52.2	78.2

Manual Integrations
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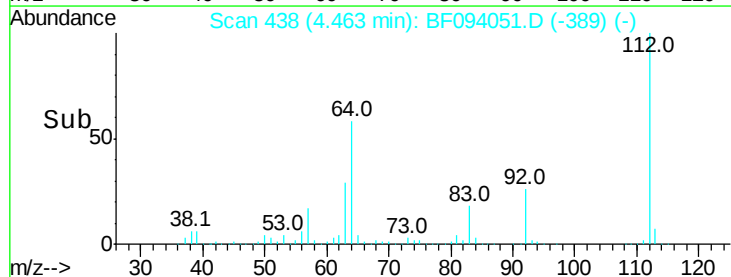
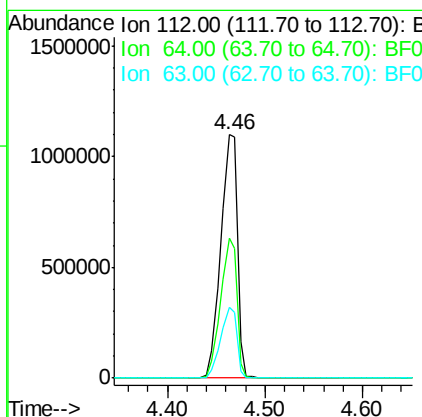
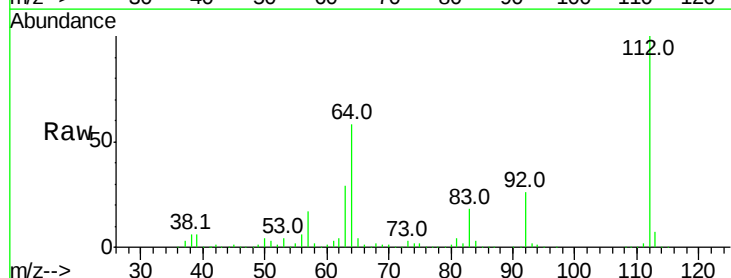
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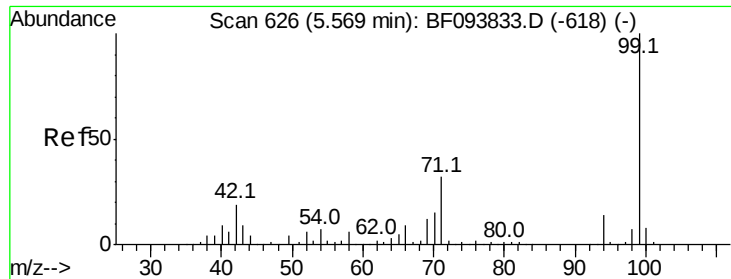


#5

2-Fluorophenol
Concen: 130.45 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	29.1	23.4	35.0





#7

Phenol-d6

Concen: 131.24 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094051.D

Acq: 30 Mar 2017 8:07

Instrument :

BNA_F

ClientSampleId :

E2-T12-SSW

Tot Ion: 99 Resp: 1622853

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

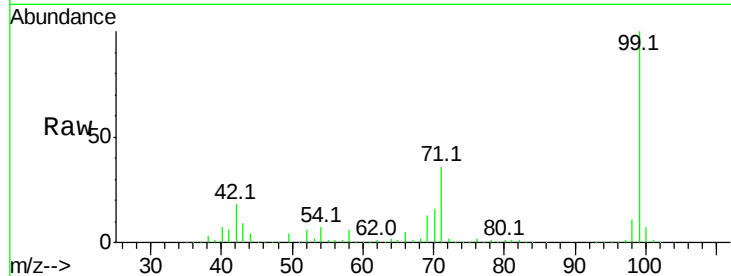
71 35.6 24.5 36.7

Manual Integrations

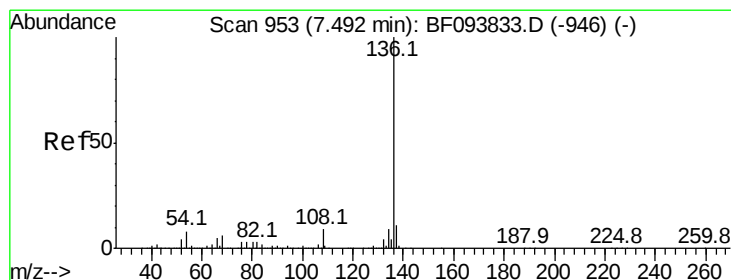
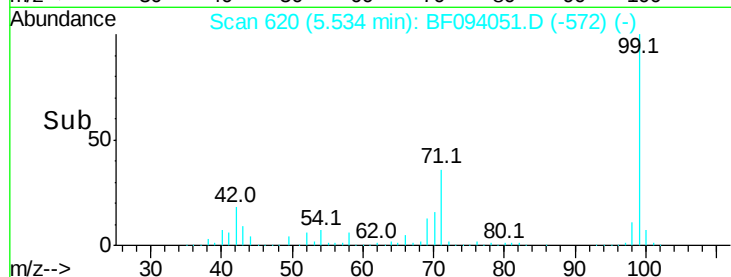
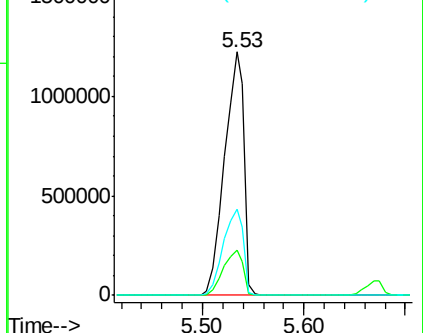
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094051.D

Acq: 30 Mar 2017 8:07

Tgt Ion: 136 Resp: 654710

Ion Ratio Lower Upper

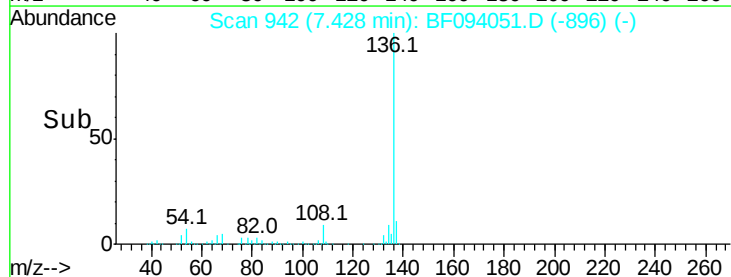
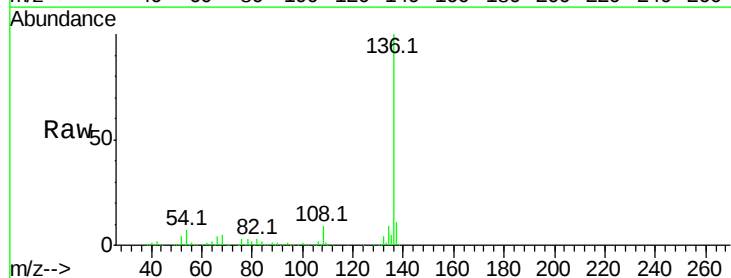
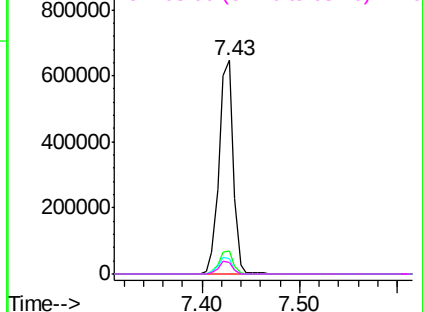
136 100

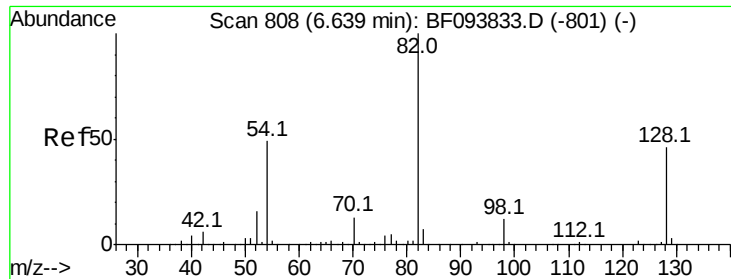
137 10.7 8.5 12.7

54 6.9 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





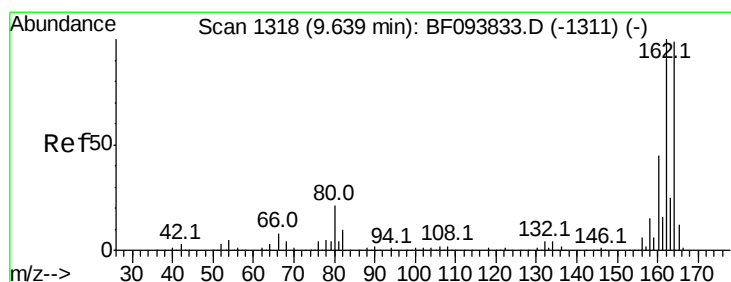
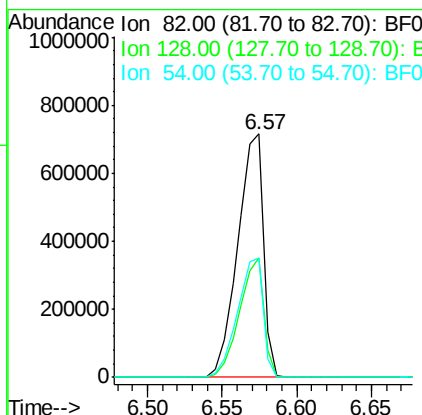
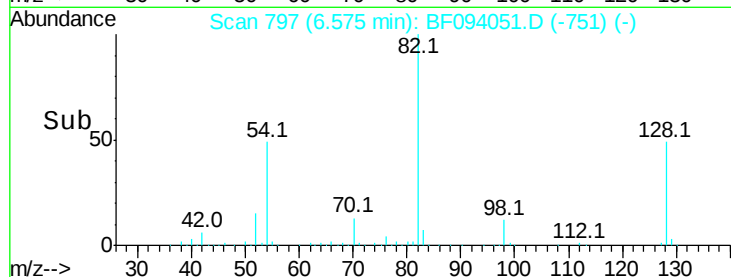
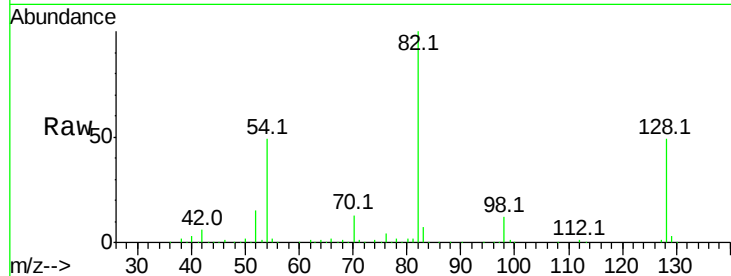
#23
Nitrobenzene-d5
Concen: 74.82 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Instrument :
BNA_F
ClientSampleId :
E2-T12-SSW

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.0	34.0	51.0	
54	48.8	42.2	63.2	

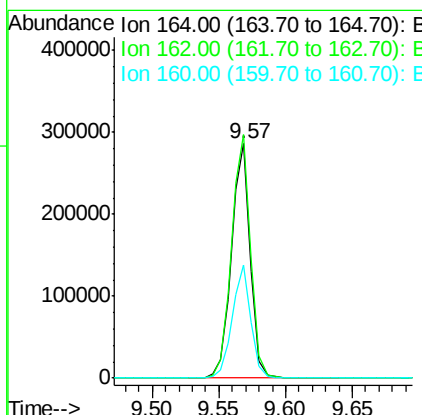
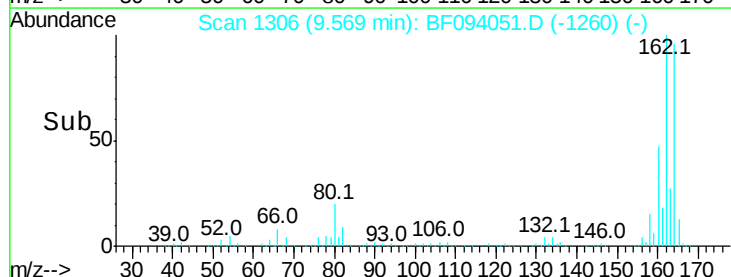
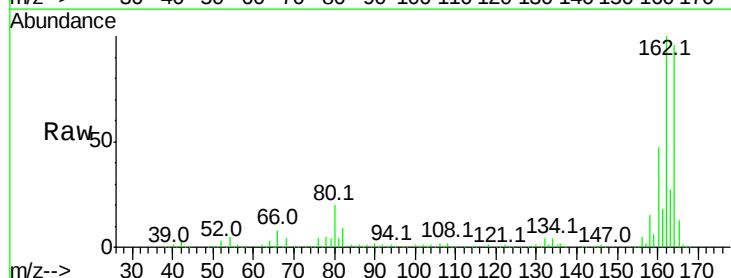
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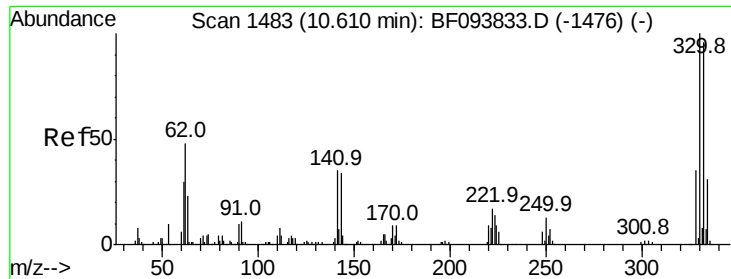
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	82.6	123.8	
160	48.3	36.2	54.2	





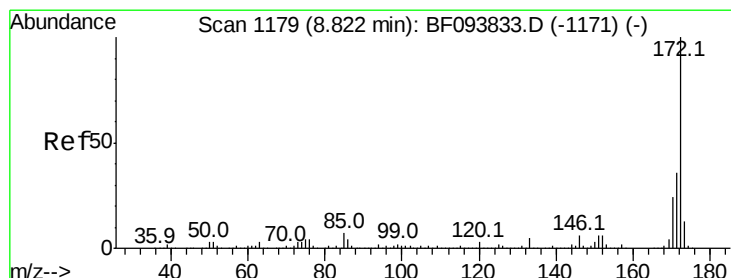
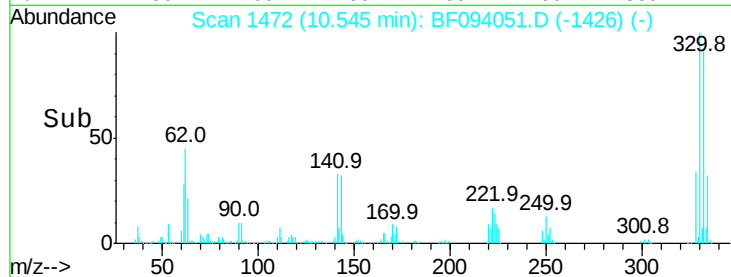
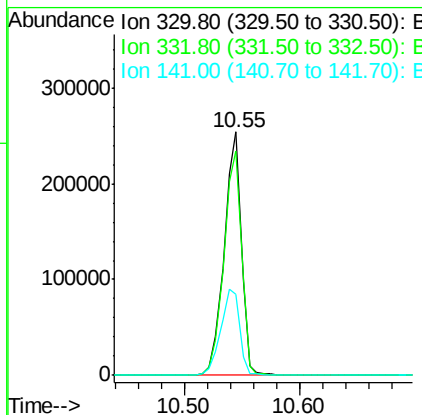
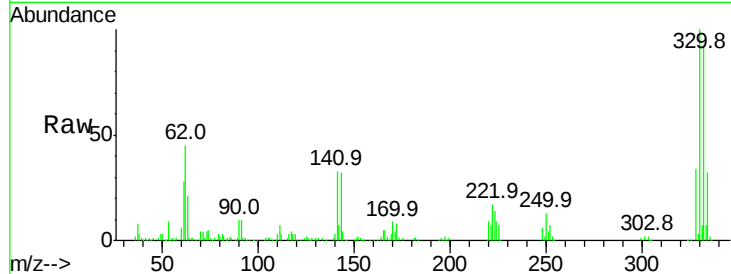
#41
 2,4,6-Tribromophenol
 Concen: 118.11 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094051.D
 Acq: 30 Mar 2017 8:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-T12-SSW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	262487		
332	95.5	76.6	115.0	
141	39.4	31.4	47.2	

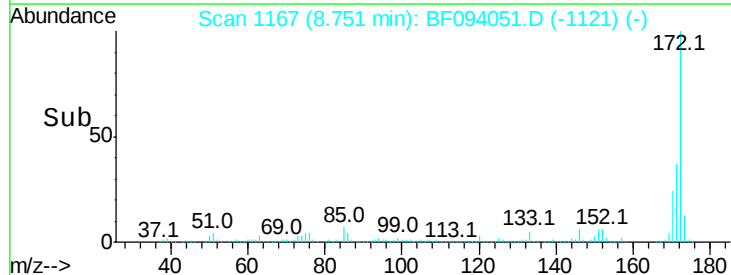
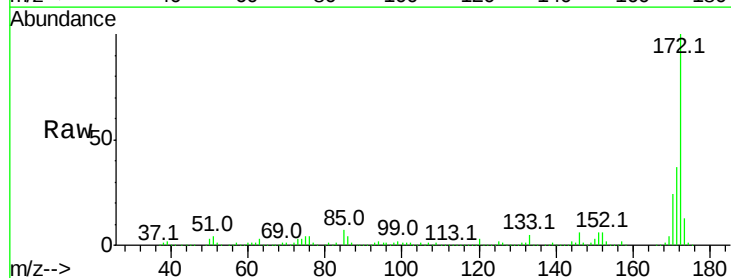
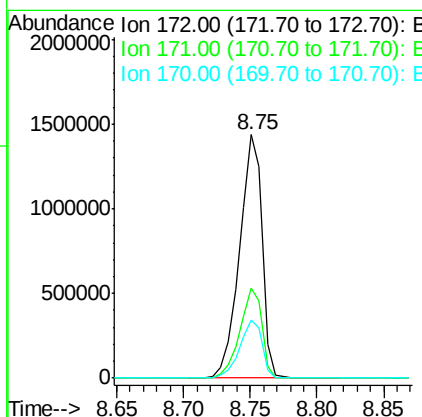
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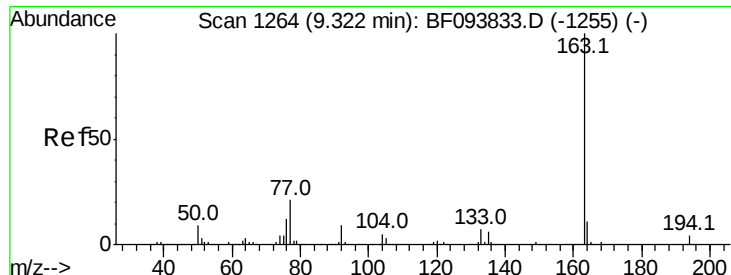
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#44
 2-Fluorobiphenyl
 Concen: 90.82 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF094051.D
 Acq: 30 Mar 2017 8:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1674544		
171	36.9	29.6	44.4	
170	23.9	19.8	29.8	





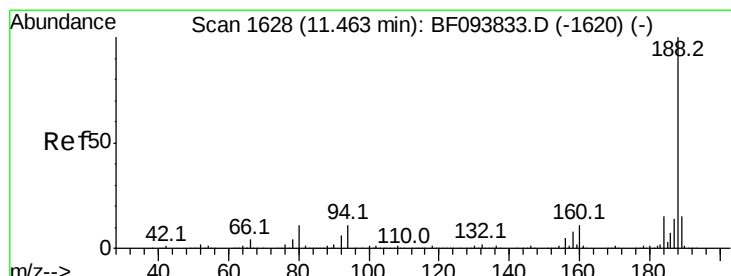
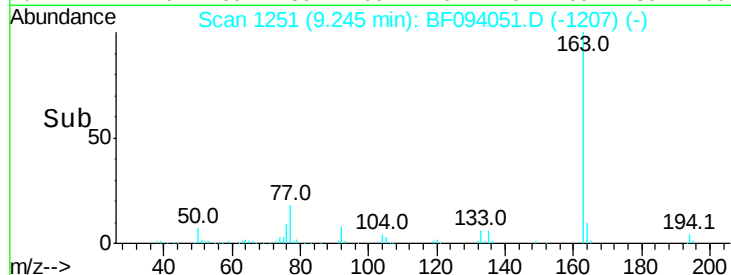
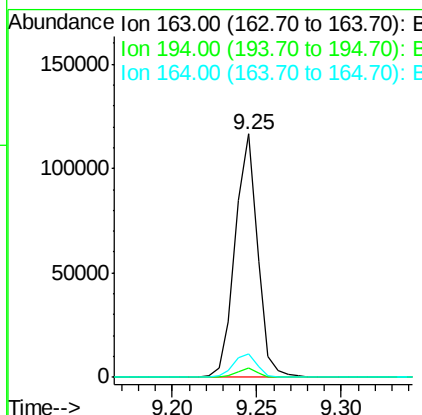
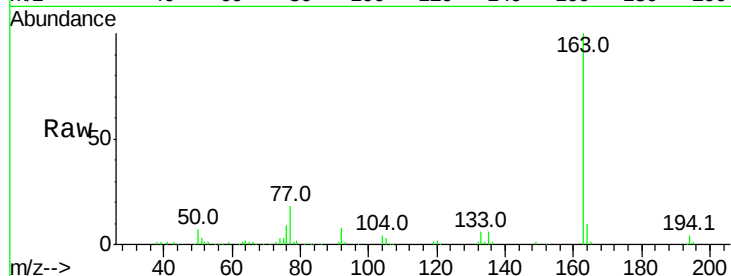
#49
Dimethylphthalate
Concen: 5.41 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Instrument :
BNA_F
ClientSampleId :
E2-T12-SSW

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6

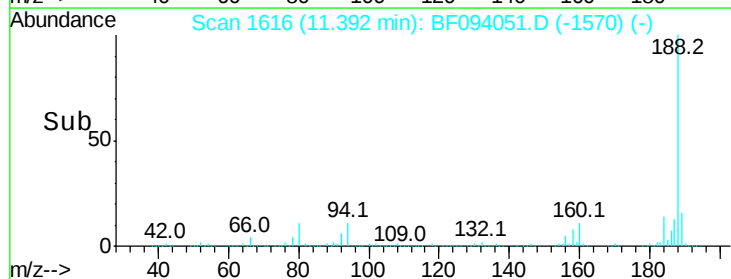
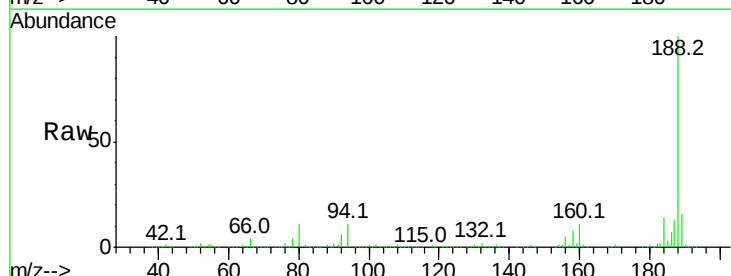
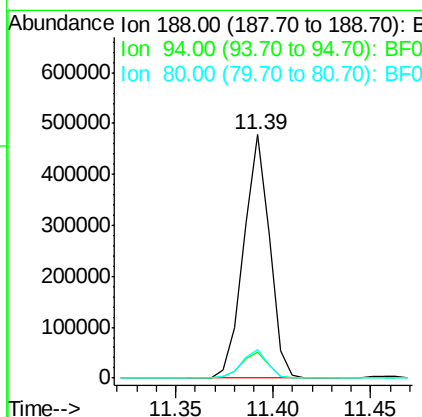
Manual Integrations
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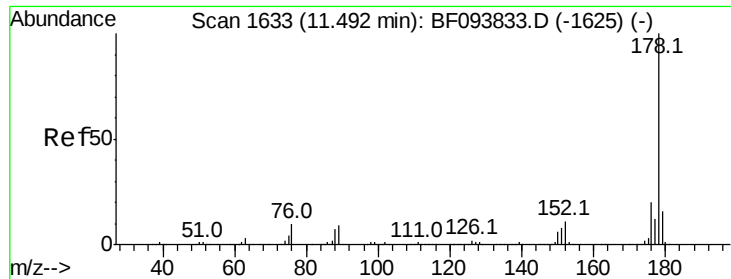
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2





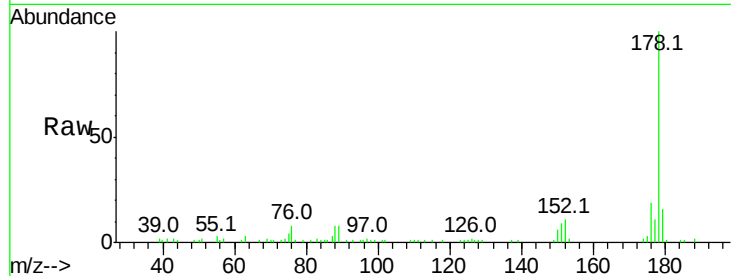
#70
Phenanthrene
Concen: 2.30 ng
RT: 11.42 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Instrument :
BNA_F
ClientSampleId :
E2-T12-SSW

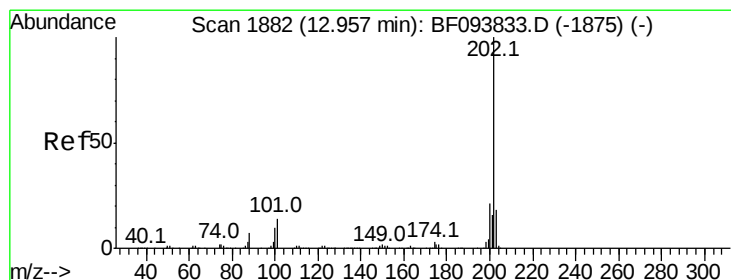
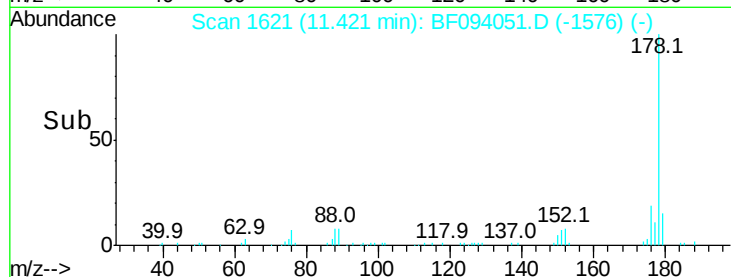
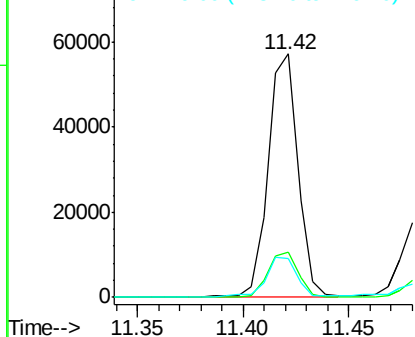
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.8	12.6	19.0

Manual Integrations
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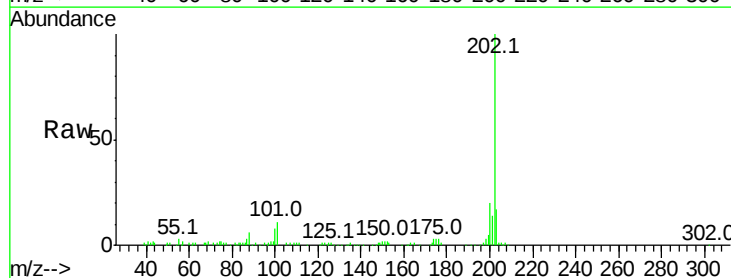


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

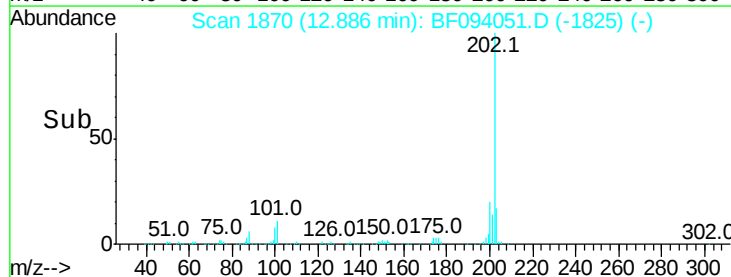
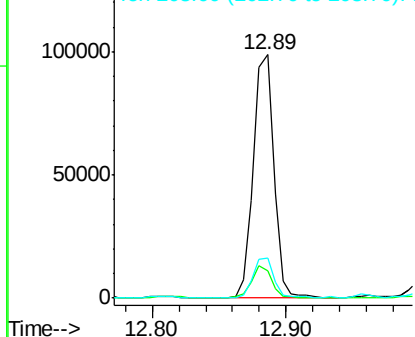


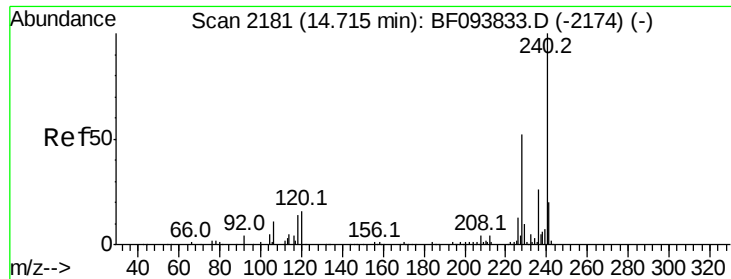
#74
Fluoranthene
Concen: 4.15 ng
RT: 12.89 min Scan# 1870
Delta R.T. -0.04 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.2
203	16.6	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





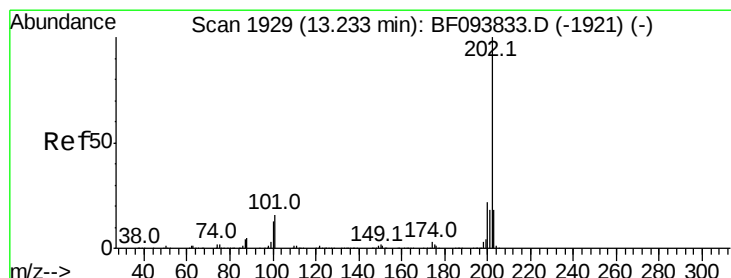
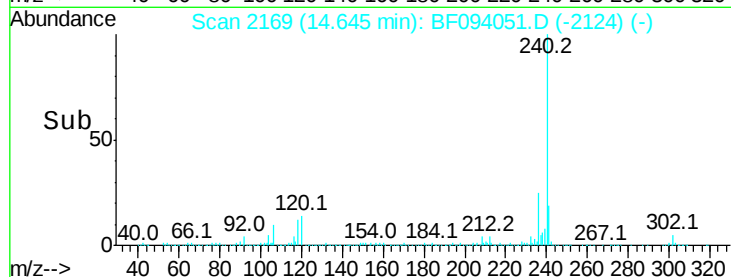
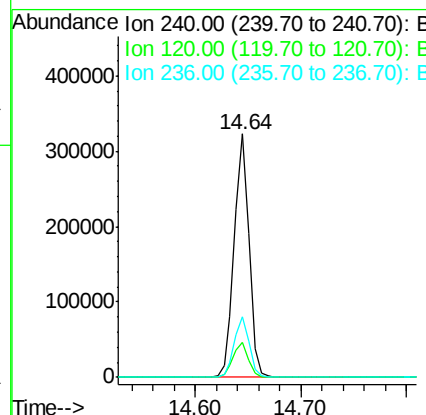
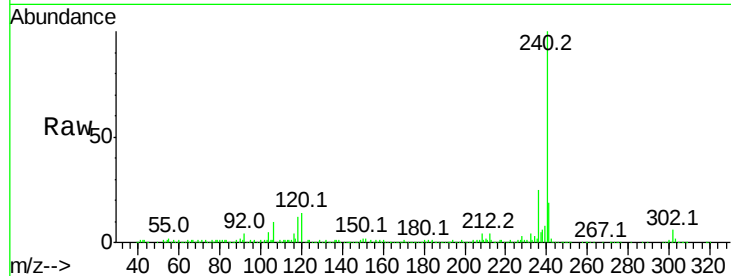
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Instrument :
BNA_F
ClientSampleId :
E2-T12-SSW

Tot Ion:240 Resp: 313350
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.0 20.5 30.7

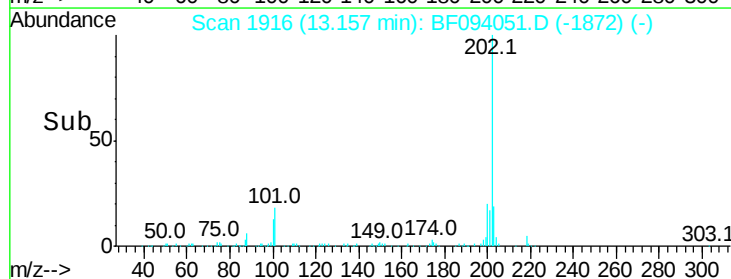
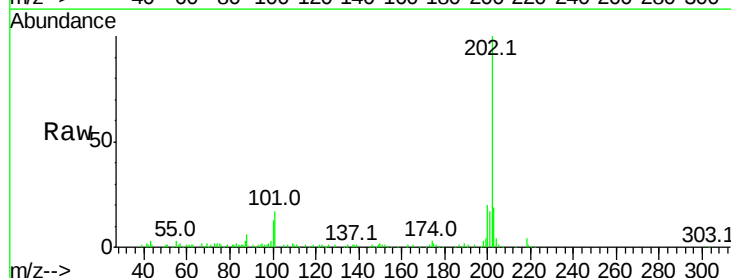
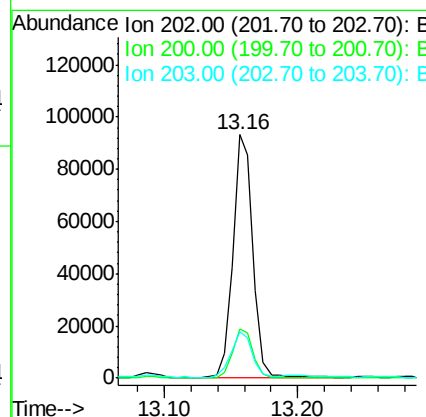
Manual Integrations
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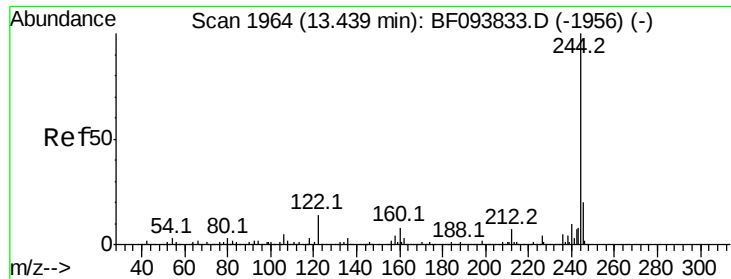
mohammad
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#77
Pyrene
Concen: 4.33 ng
RT: 13.16 min Scan# 1916
Delta R.T. -0.04 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Tgt Ion:202 Resp: 98530
Ion Ratio Lower Upper
202 100
200 20.3 17.6 26.4
203 19.0 14.4 21.6





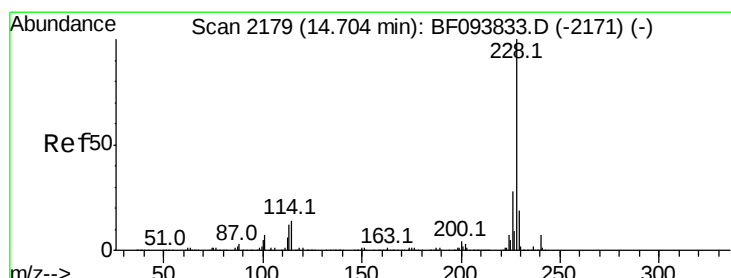
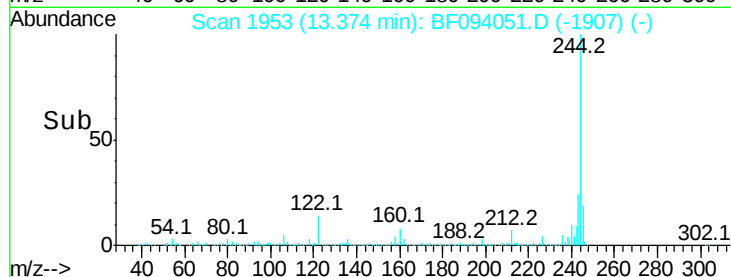
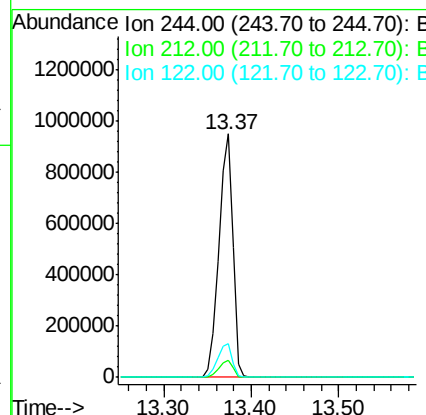
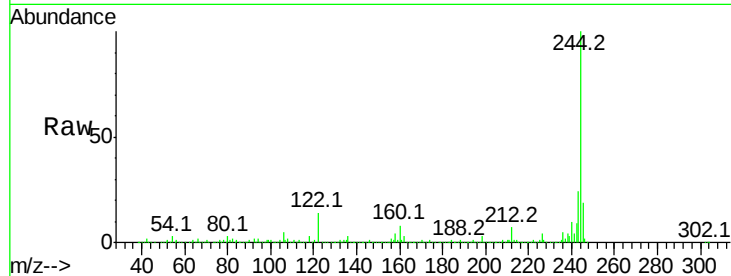
#78
 Terphenyl-d14
 Concen: 75.44 ng
 RT: 13.37 min Scan# 1953
 Delta R.T. -0.03 min
 Lab File: BF094051.D
 Acq: 30 Mar 2017 8:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-T12-SSW

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

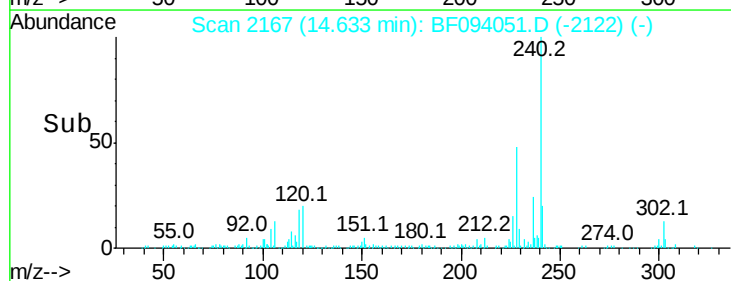
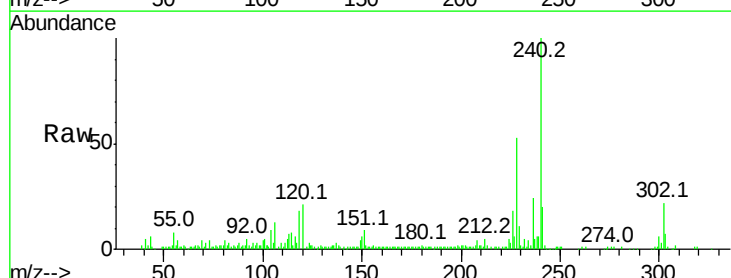
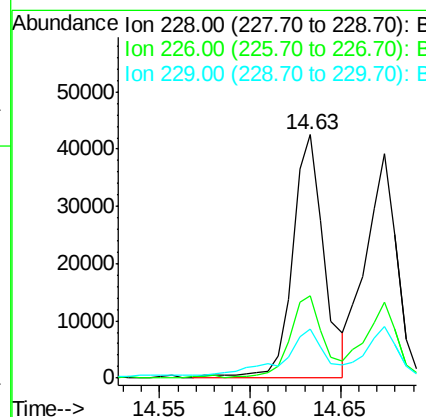
Manual Integrations
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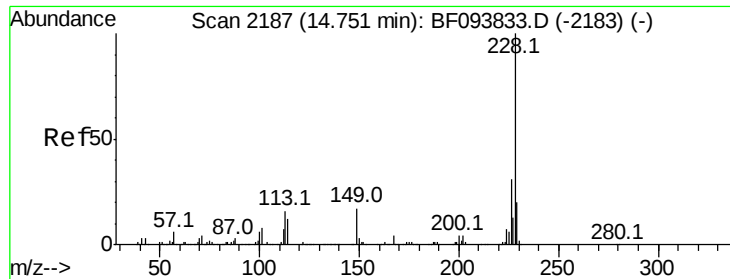
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#80
 Benzo(a)anthracene
 Concen: 2.84 ng
 RT: 14.63 min Scan# 2167
 Delta R.T. -0.04 min
 Lab File: BF094051.D
 Acq: 30 Mar 2017 8:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.6	33.8
229	20.3	16.3	24.5





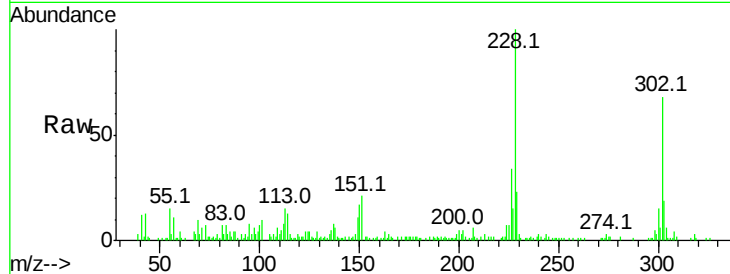
#82
Chrysene
Concen: 2.69 ng
RT: 14.67 min Scan# 2174
Delta R.T. -0.04 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Instrument :
BNA_F
ClientSampleId :
E2-T12-SSW

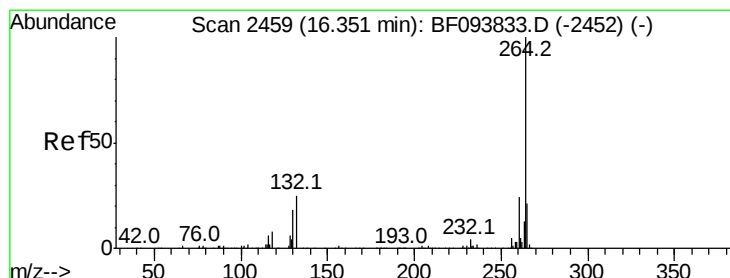
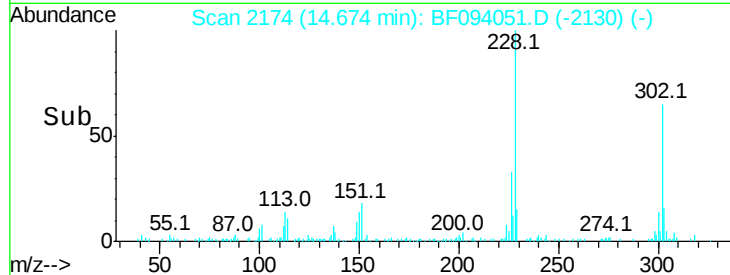
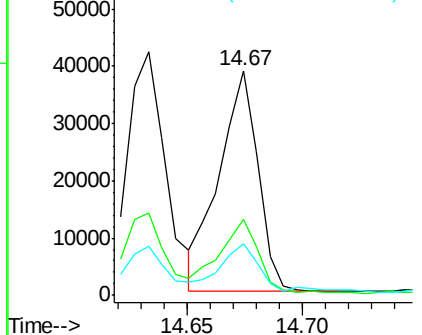
Tot Ion:	228	Resp:	45562
Ion Ratio	Lower	Upper	
228	100		
226	33.7	24.9	37.3
229	23.1	15.8	23.6

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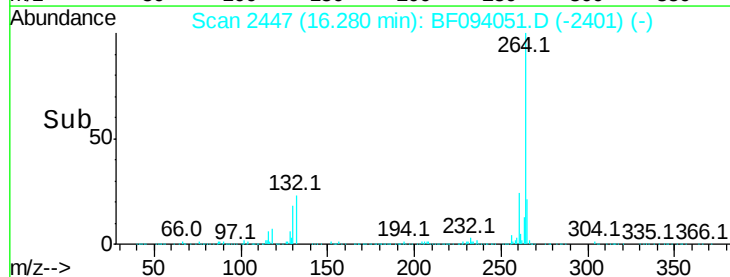
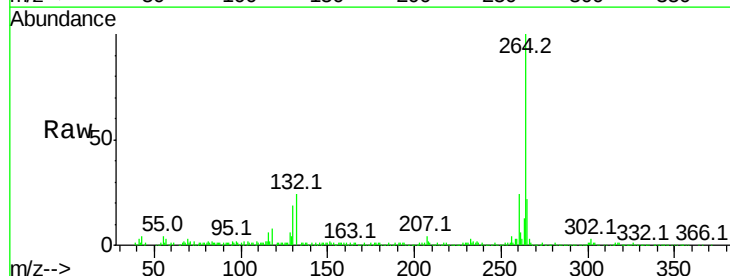
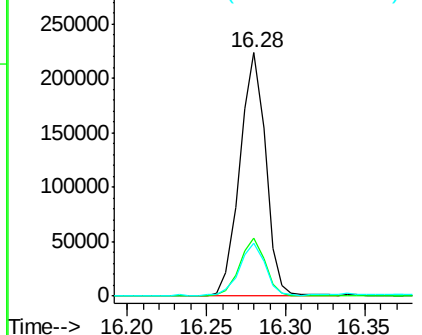
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

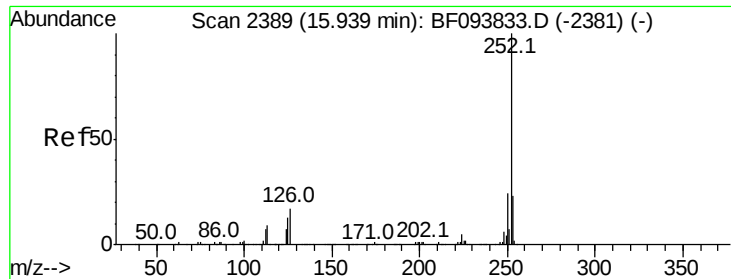


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Tgt Ion:	264	Resp:	253288
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.5	29.3
265	21.5	17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





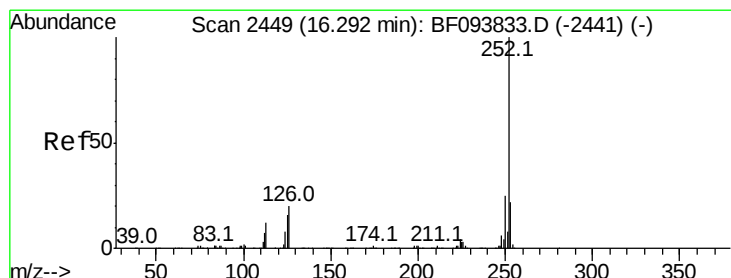
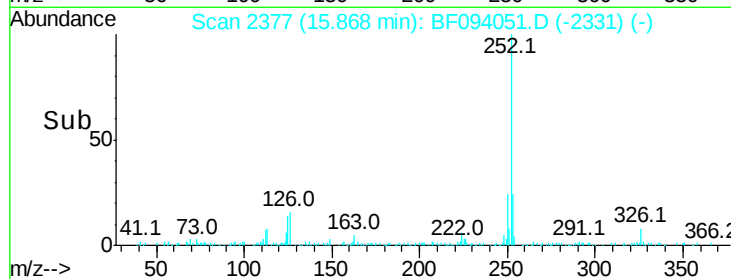
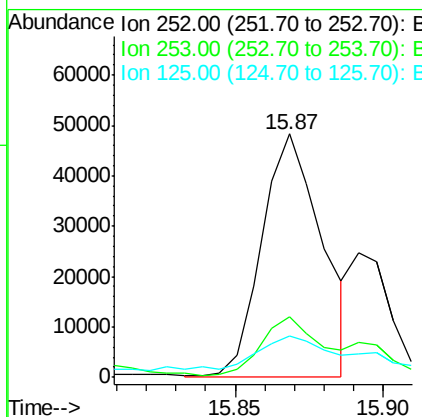
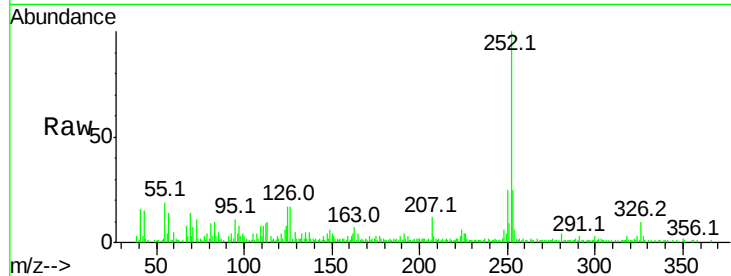
#87
Benzo(b)fluoranthene
Concen: 4.41 ng m
RT: 15.87 min Scan# 2377
Delta R.T. -0.03 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Instrument :
BNA_F
ClientSampleId :
E2-T12-SSW

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	17.0	9.8	14.8

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#89
Benzo(a)pyrene
Concen: 2.92 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094051.D
Acq: 30 Mar 2017 8:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	18.8	11.0	16.4

