

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094262.D
 Acq On : 7 Apr 2017 9:12
 Operator : SJ/MA
 Sample : I2563-03DL 2X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-NSWDL

Manual Integrations
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Quant Time: Apr 07 13:20:12 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	5.85	152	160168	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	630775	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	270997	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	404562	20.00	ng	0.00
75) Chrysene-d12	14.57	240	302897	20.00	ng	0.00
86) Perylene-d12	16.20	264	251238	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	677410	71.43	ng	0.00
7) Phenol-d6	5.46	99	830372	70.78	ng	0.00
23) Nitrobenzene-d5	6.50	82	515320	46.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	152324	71.13	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	864339	48.65	ng	0.00
78) Terphenyl-d14	13.30	244	463413	34.29	ng	0.00
Target Compounds						
10) Phenol	5.47	94	66050	4.95	ng	95
49) Dimethylphthalate	9.17	163	152161	7.90	ng	99
70) Phenanthrene	11.35	178	52346	2.33	ng	99
80) Benzo(a)anthracene	14.56	228	44785	2.54	ng	99
82) Chrysene	14.60	228	49376m	3.01	ng	
85) Indeno(1,2,3-cd)pyrene	17.53	276	47278	3.33	ng	95
87) Benzo(b)fluoranthene	15.80	252	103603m	6.73	ng	
88) Benzo(k)fluoranthene	15.82	252	34021m	2.26	ng	
89) Benzo(a)pyrene	16.14	252	76256	5.38	ng	# 96
91) Benzo(g,h,i)perylene	17.92	276	41379	3.42	ng	96

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

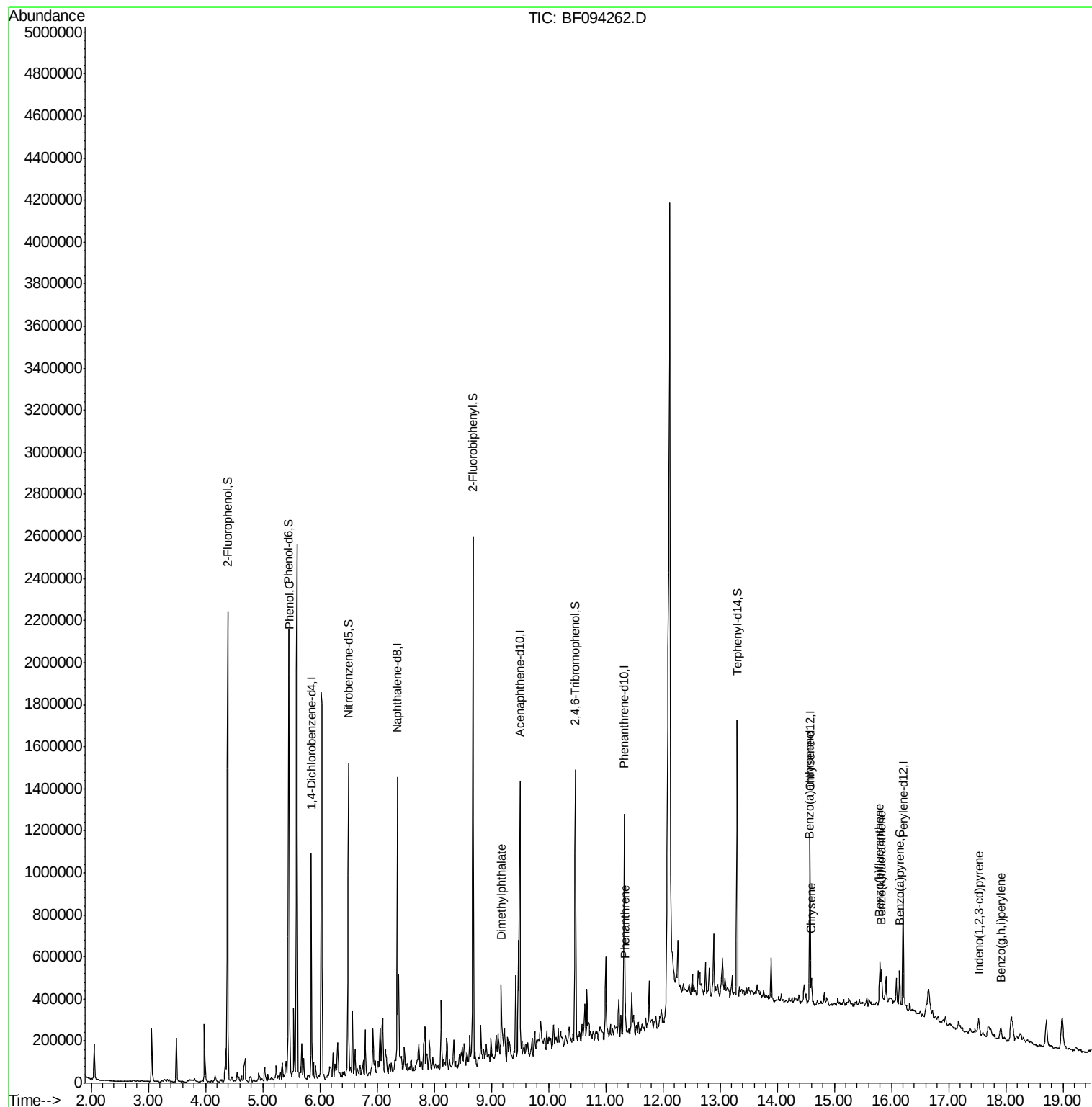
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
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Misc :
ALS Vial : 44 Sample Multiplier: 1

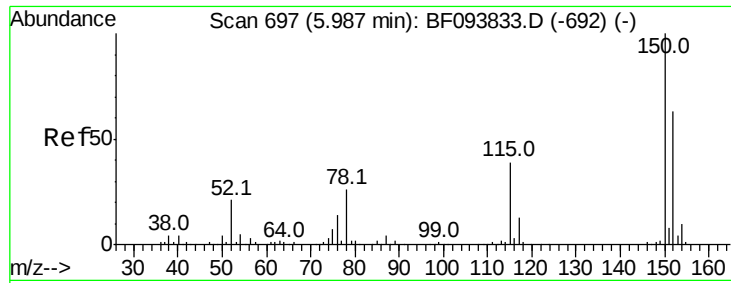
Instrument :
BNA_F
ClientSampleId :
E2-AA10-NSWDL

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Quant Time: Apr 07 13:20:12 2017
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#1

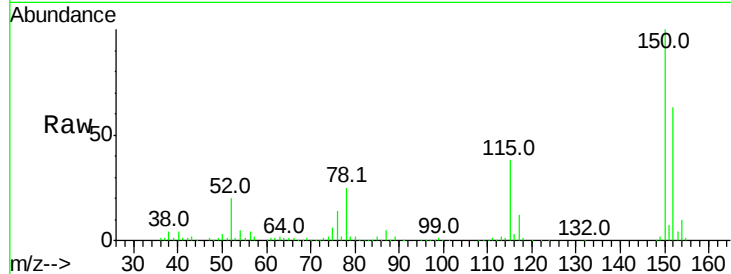
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-AA10-NSWDL

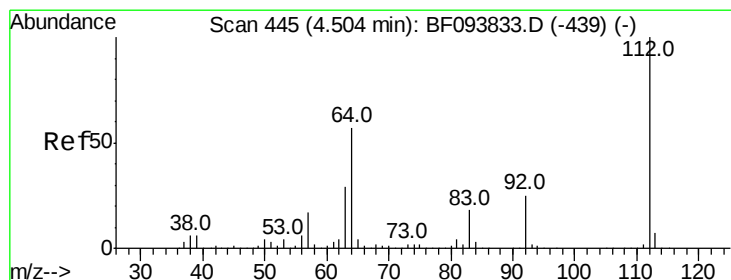
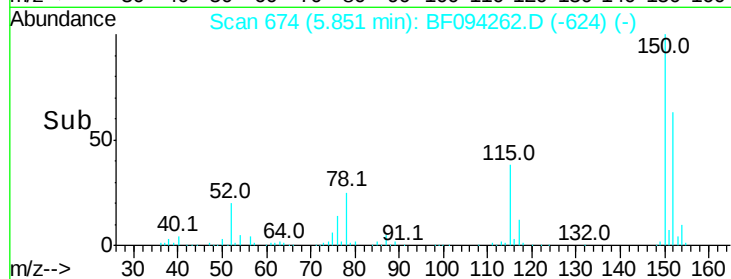
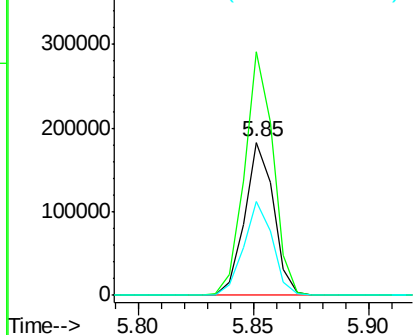
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	61.1	52.2	78.2

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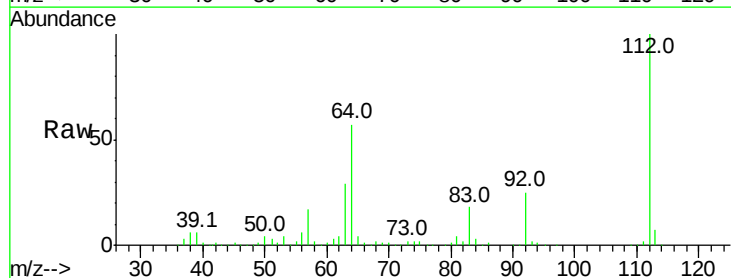
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



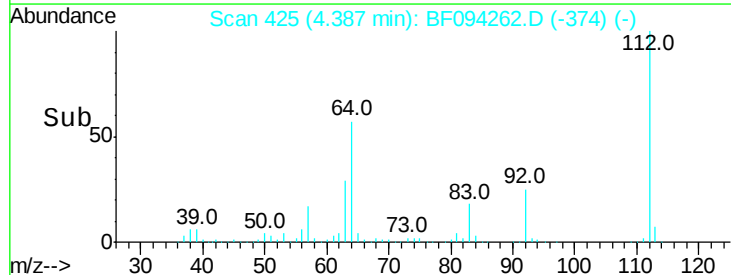
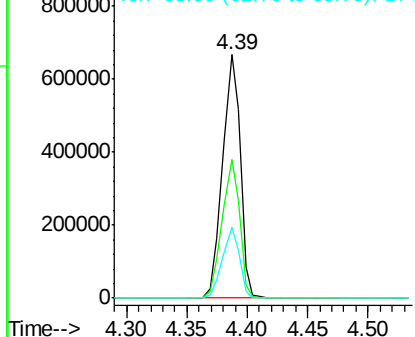
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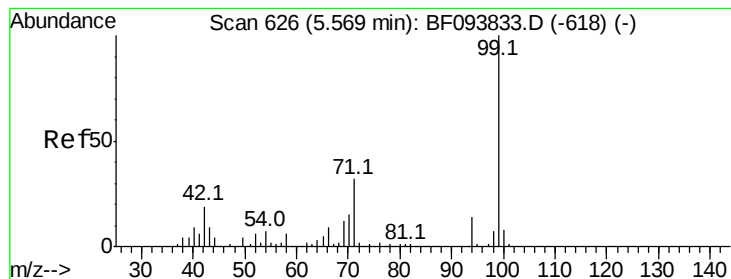
2-Fluorophenol
Concen: 71.43 ng
RT: 4.39 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.0	69.0
63	29.3	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: 70.78 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094262.D

Acq: 7 Apr 2017 9:12

Instrument :

BNA_F

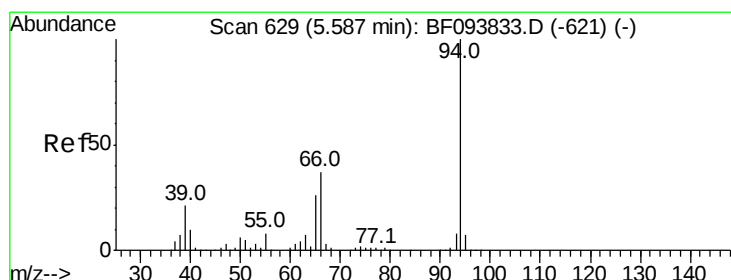
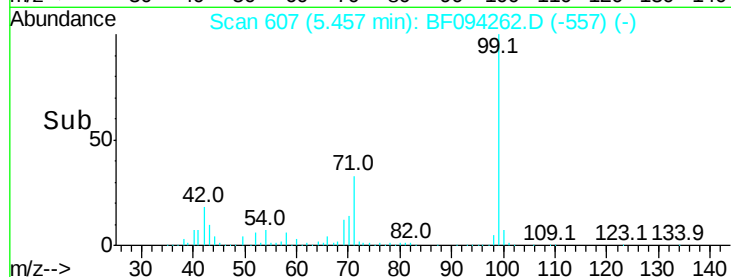
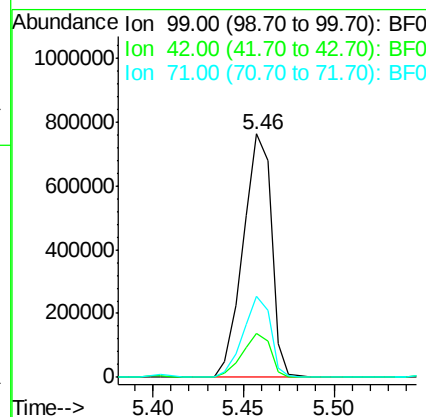
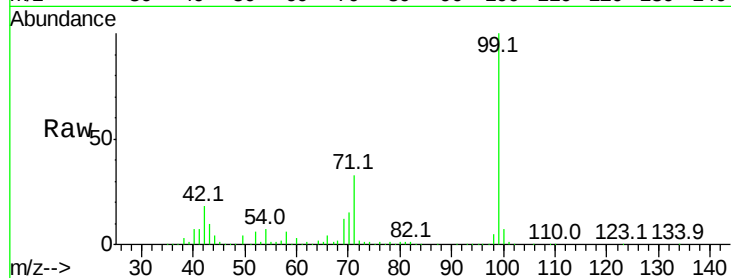
ClientSampleId :

E2-AA10-NSWDL

Tot Ion:	99	Resp:	830372
Ion Ratio	Lower	Upper	
99	100		
42	18.1	13.5	20.3
71	33.3	24.5	36.7

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#10

Phenol

Concen: 4.95 ng

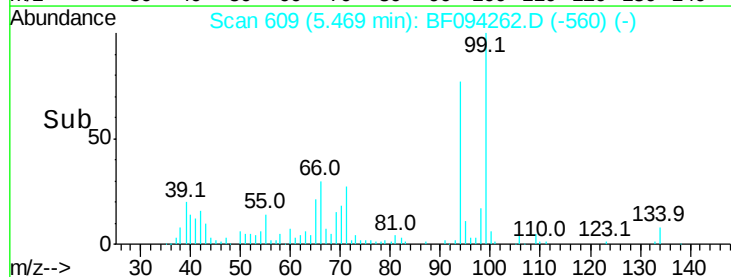
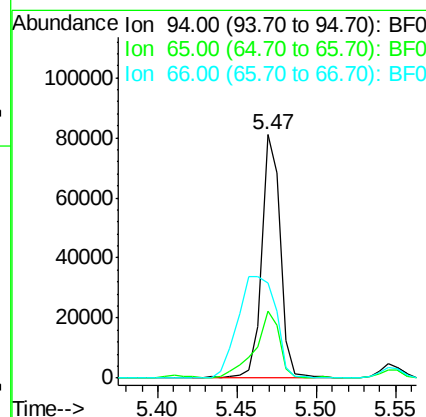
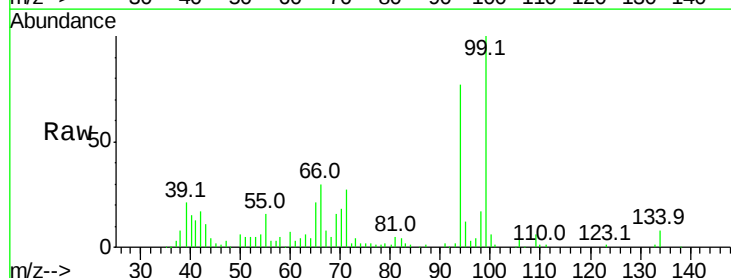
RT: 5.47 min Scan# 609

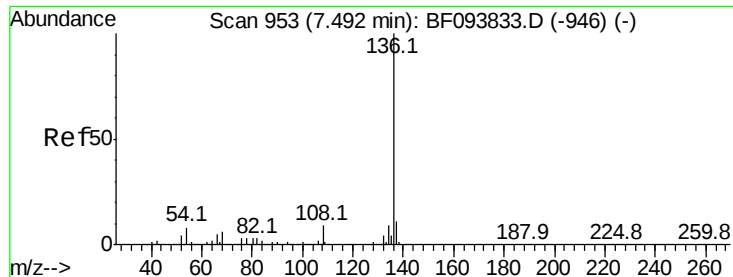
Delta R.T. -0.01 min

Lab File: BF094262.D

Acq: 7 Apr 2017 9:12

Tgt Ion:	94	Resp:	66050
Ion Ratio	Lower	Upper	
94	100		
65	27.8	9.9	49.9
66	39.0	23.1	63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094262.D

Acq: 7 Apr 2017 9:12

Instrument :

BNA_F

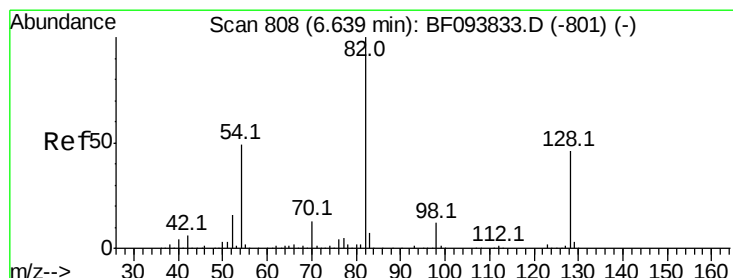
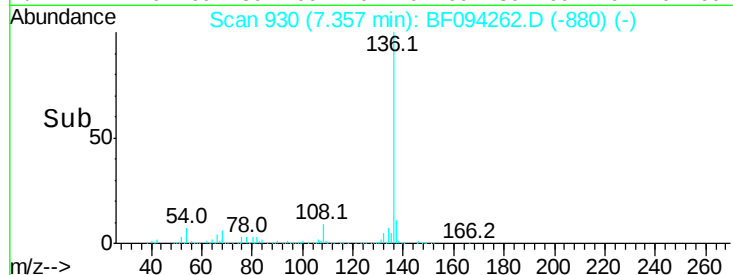
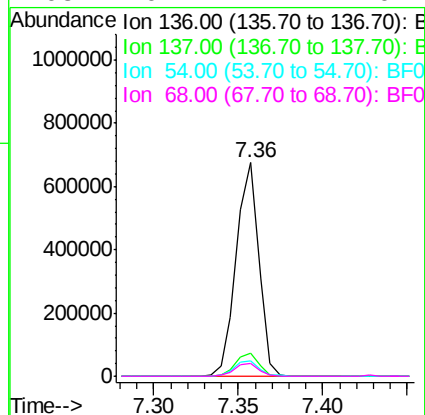
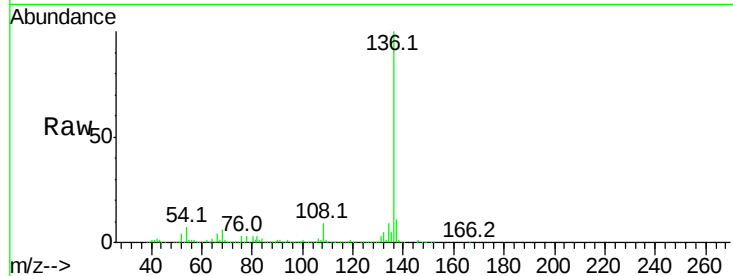
ClientSampleId :

E2-AA10-NSWDL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	6.2	4.1	6.1#

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#23

Nitrobenzene-d5

Concen: 46.62 ng

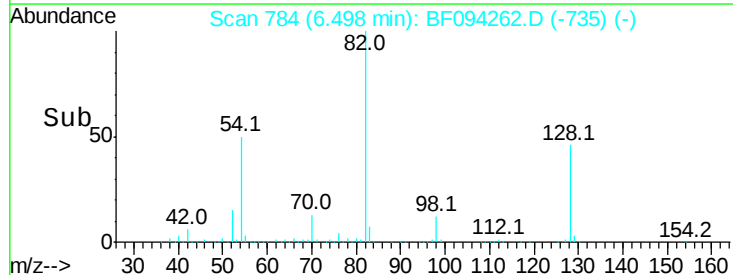
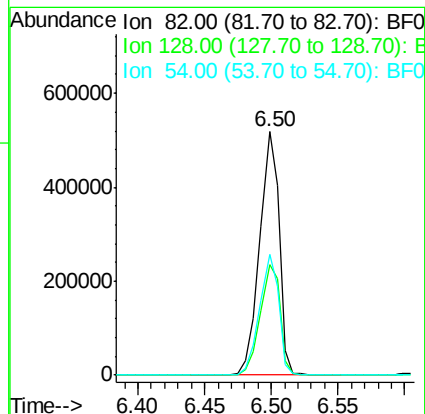
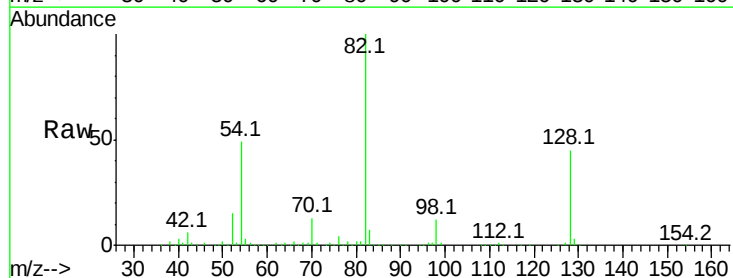
RT: 6.50 min Scan# 784

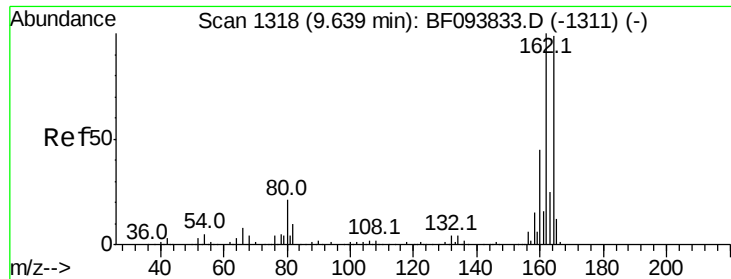
Delta R.T. -0.01 min

Lab File: BF094262.D

Acq: 7 Apr 2017 9:12

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.5	34.0	51.0
54	49.5	42.2	63.2





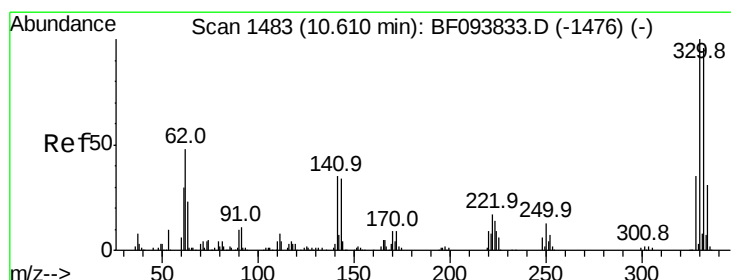
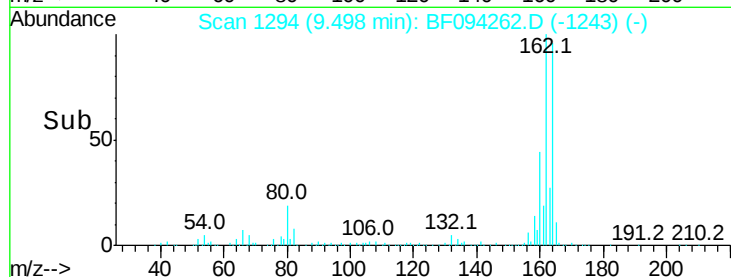
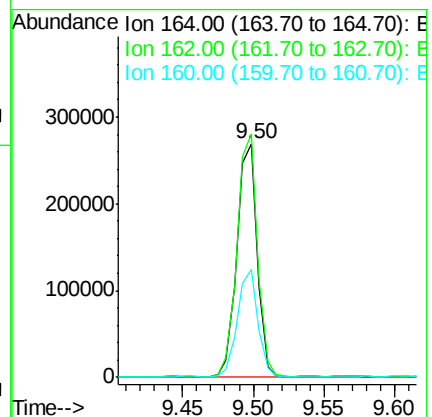
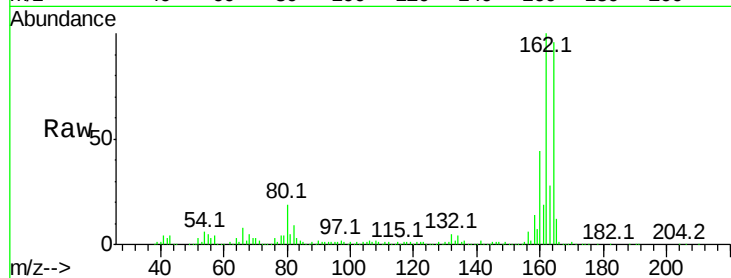
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-AA10-NSWDL

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	46.2	36.2	54.2

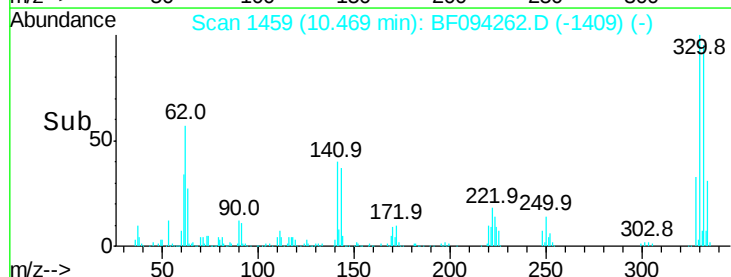
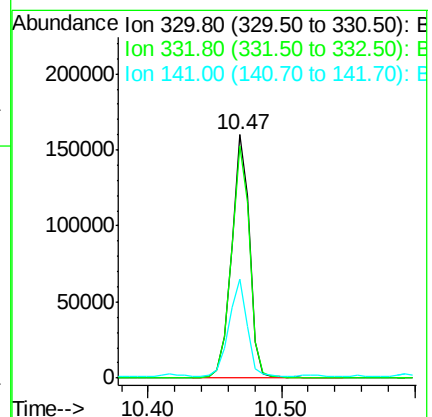
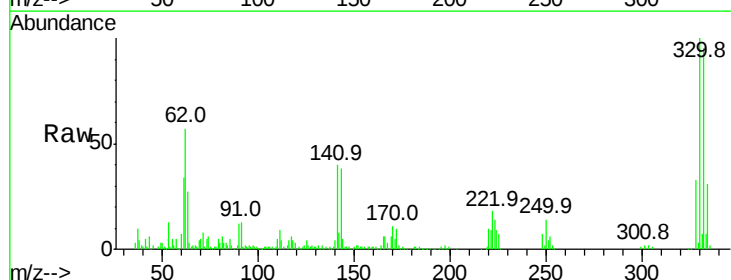
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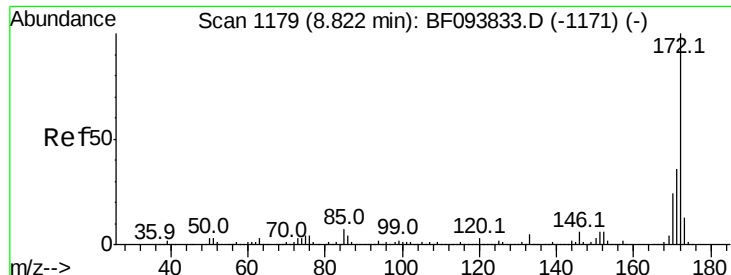
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#41
2,4,6-Tribromophenol
Concen: 71.13 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.3	31.4	47.2





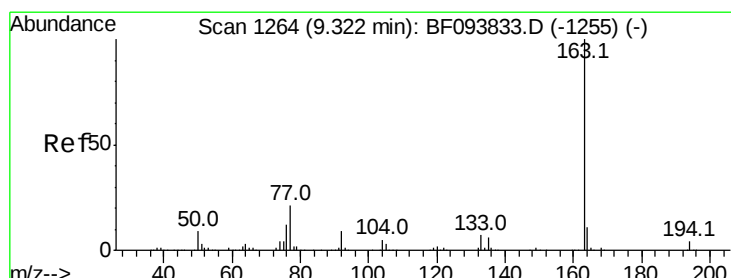
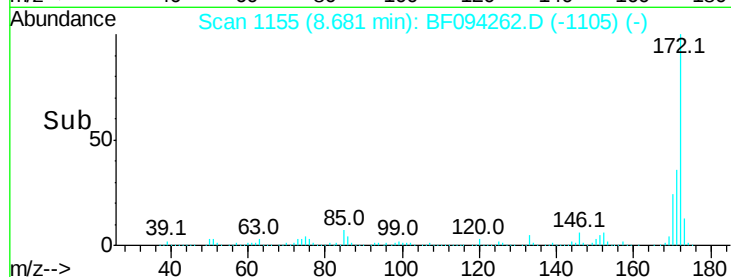
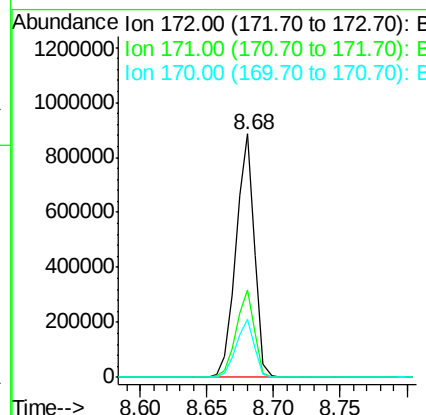
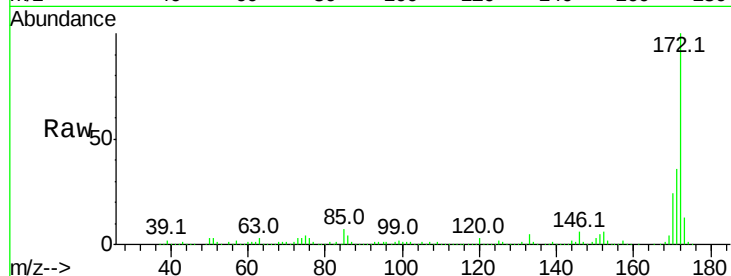
#44
2-Fluorobiphenyl
Concen: 48.65 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-AA10-NSWDL

Tot Ion	Ratio	Resp	Lower	Upper
172	100	864339		
171	35.7		29.6	44.4
170	23.8		19.8	29.8

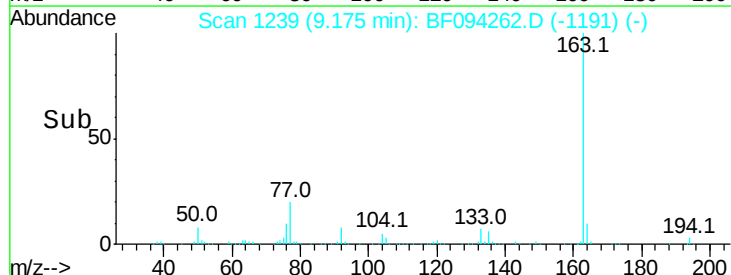
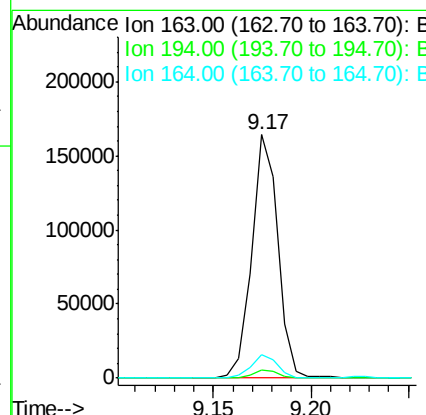
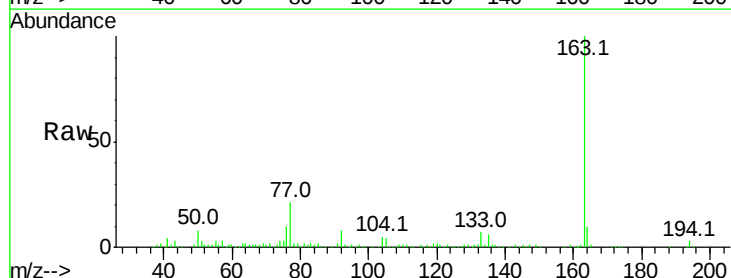
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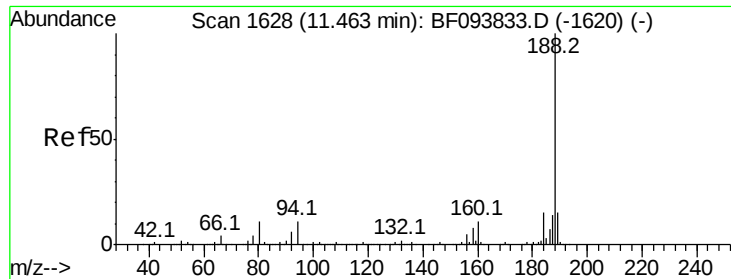
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#49
Dimethylphthalate
Concen: 7.90 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	152161		
194	3.3		2.6	4.0
164	9.8		8.4	12.6





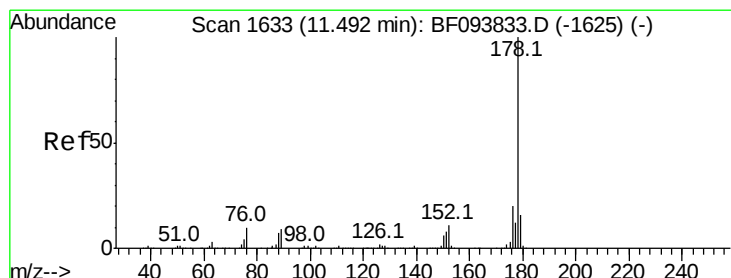
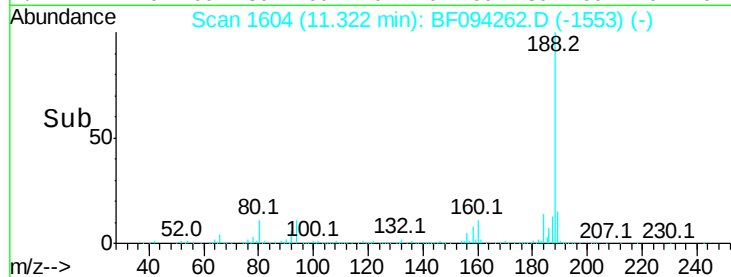
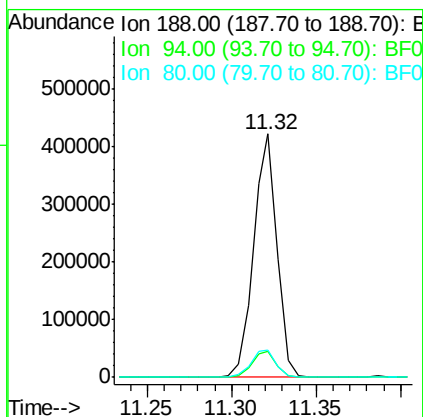
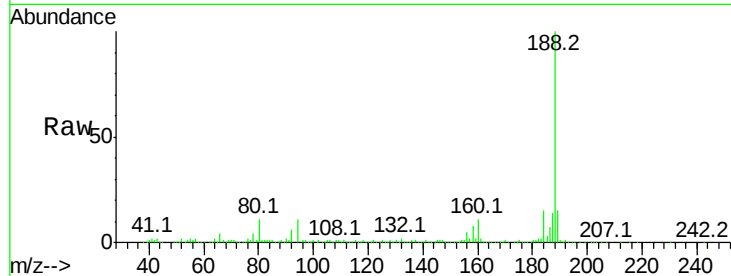
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-AA10-NSWDL

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9	9.4	14.2	
80	11.0	10.2	15.2	

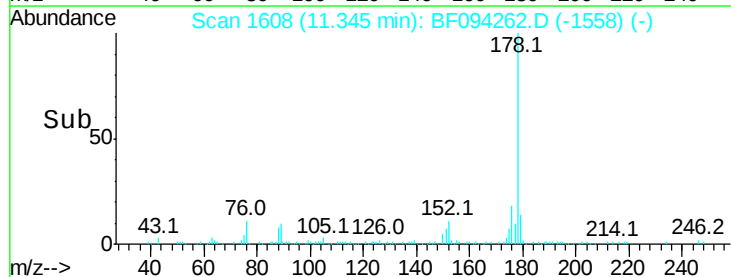
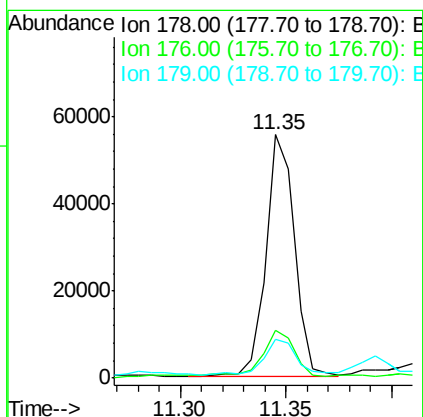
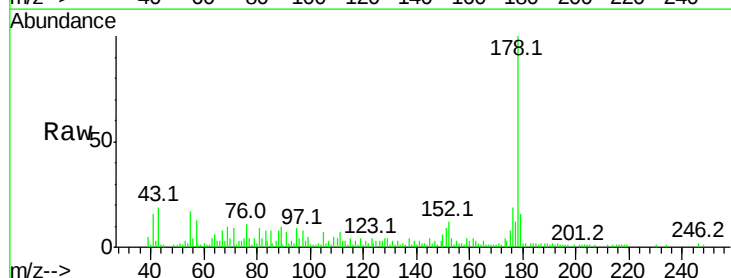
Manual Integrations
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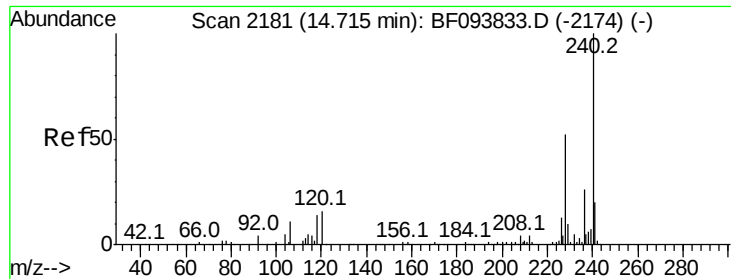
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#70
Phenanthrene
Concen: 2.33 ng
RT: 11.35 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.4	16.2	24.4	
179	15.7	12.6	19.0	





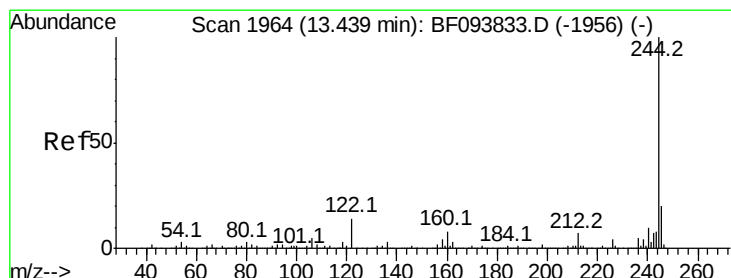
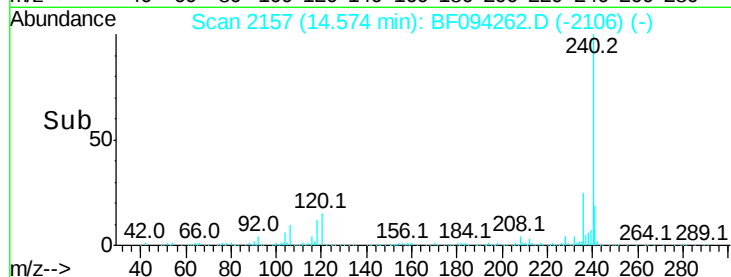
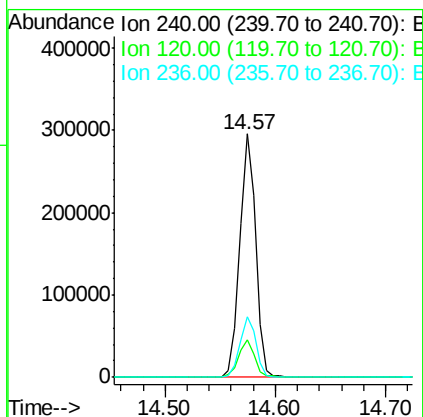
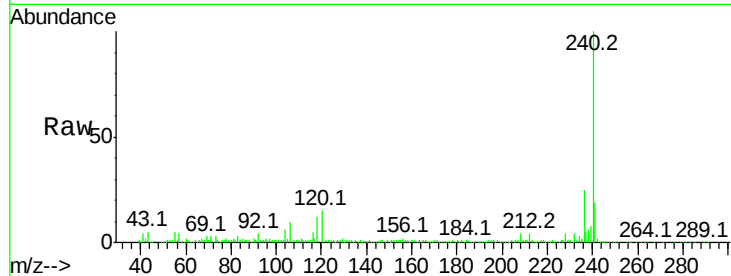
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.57 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BF094262.D
 Acq: 7 Apr 2017 9:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-NSWDL

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.0	20.5	30.7

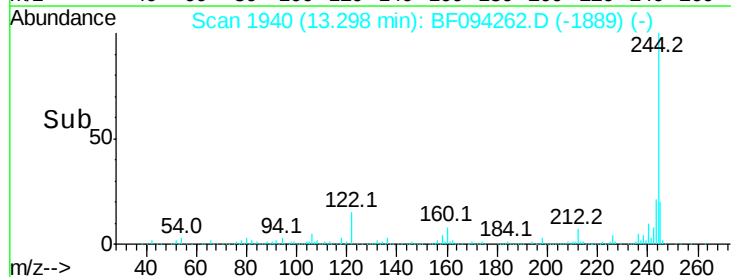
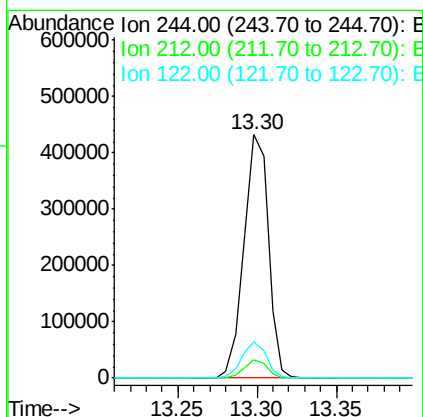
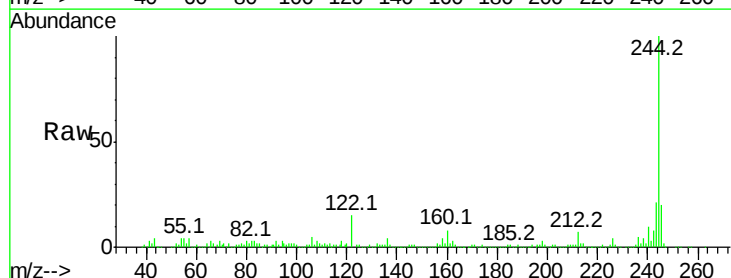
Manual Integrations
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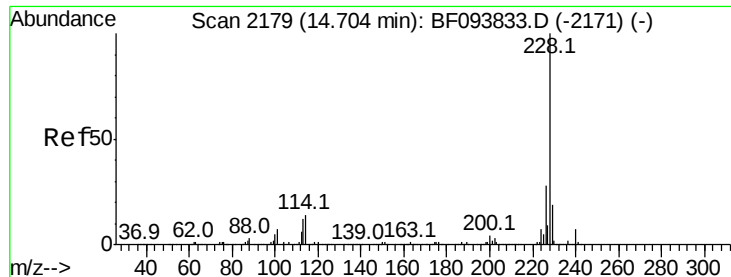
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#78
 Terphenyl-d14
 Concen: 34.29 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: BF094262.D
 Acq: 7 Apr 2017 9:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.9	10.3	15.5





#80

Benzo(a)anthracene

Concen: 2.54 ng

RT: 14.56 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BF094262.D

Acq: 7 Apr 2017 9:12

Instrument :

BNA_F

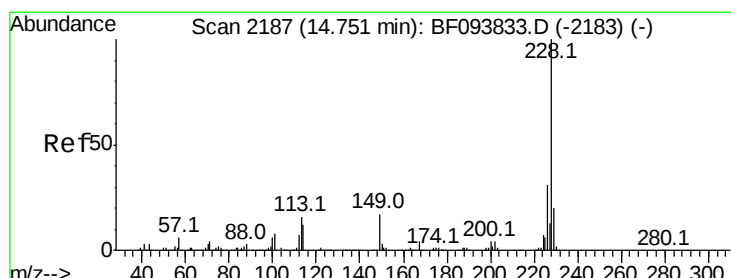
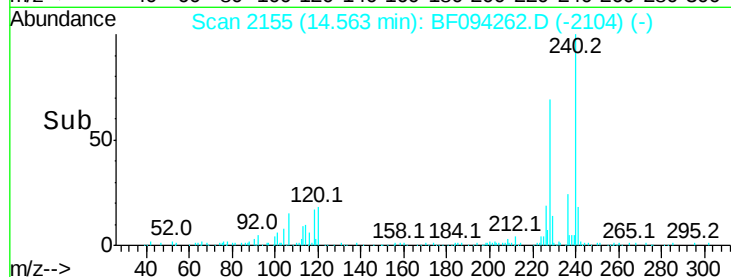
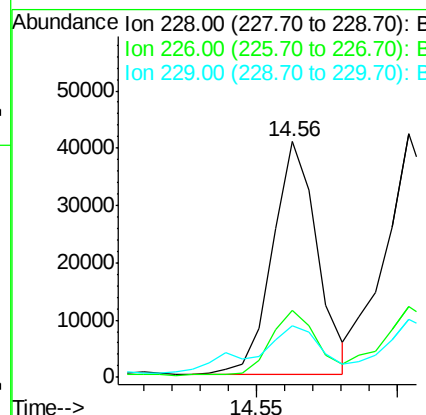
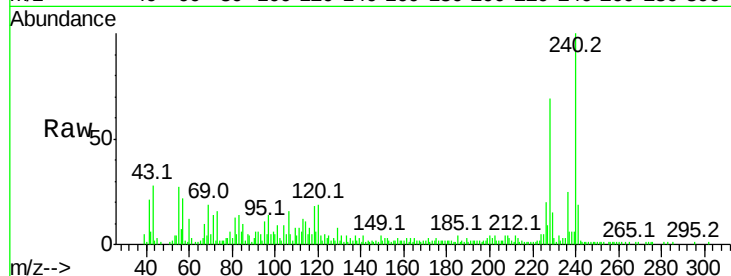
ClientSampleId :

E2-AA10-NSWDL

Tot Ion:	228	Resp:	44785
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	22.0	16.3	24.5

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#82

Chrysene

Concen: 3.01 ng m

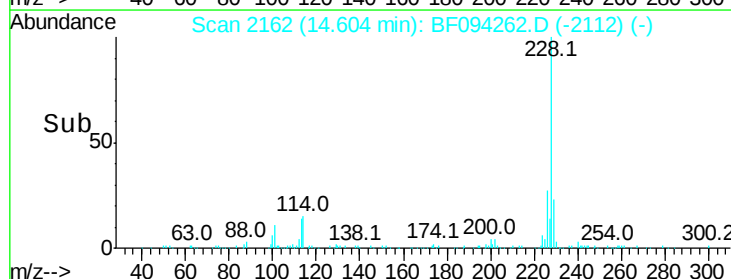
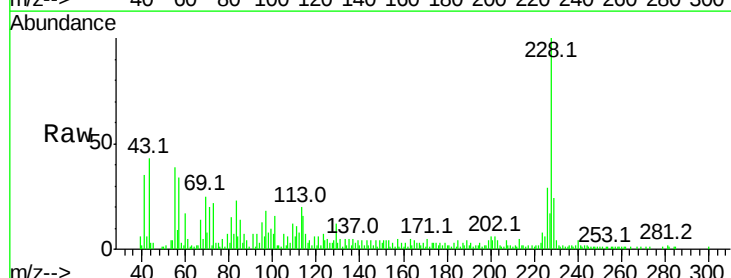
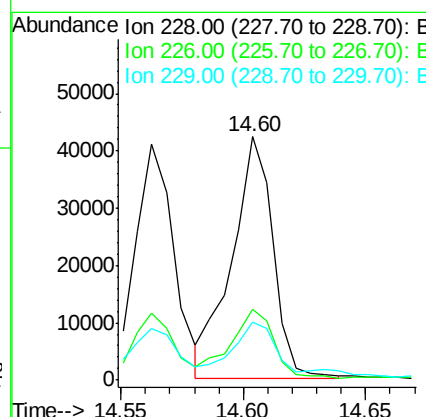
RT: 14.60 min Scan# 2162

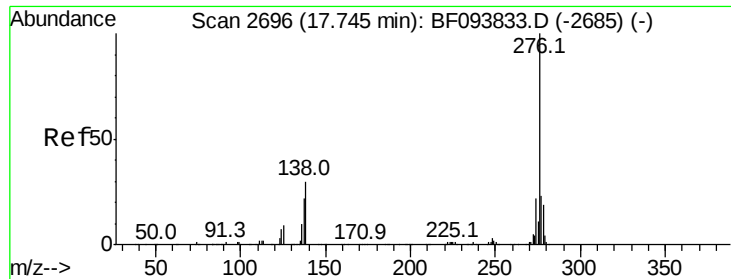
Delta R.T. -0.01 min

Lab File: BF094262.D

Acq: 7 Apr 2017 9:12

Tgt Ion:	228	Resp:	49376
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.9	37.3
229	23.8	15.8	23.6#





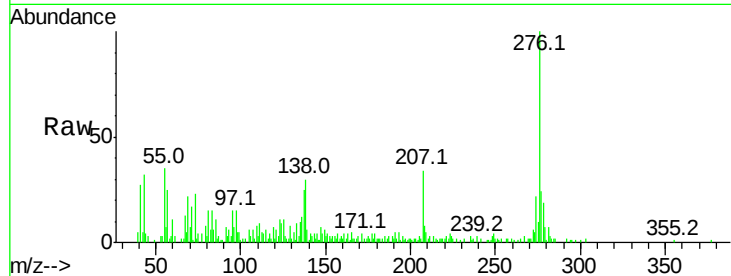
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.33 ng
 RT: 17.53 min Scan# 2659
 Delta R.T. 0.01 min
 Lab File: BF094262.D
 Acq: 7 Apr 2017 9:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA10-NSWDL

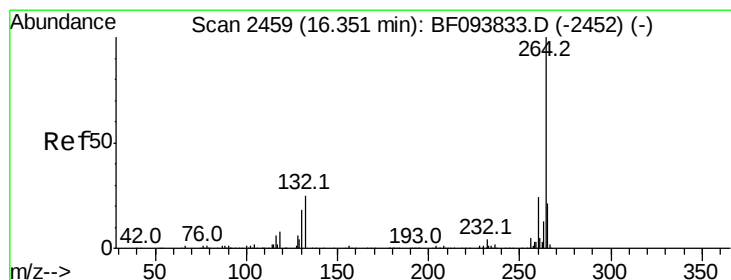
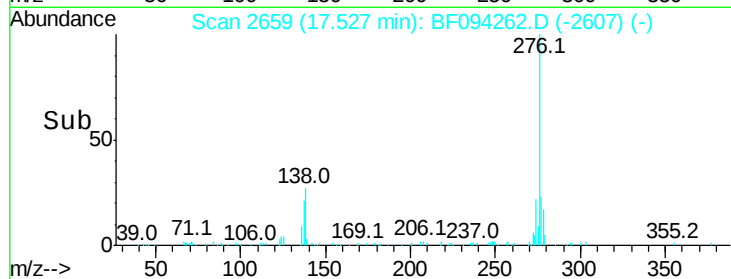
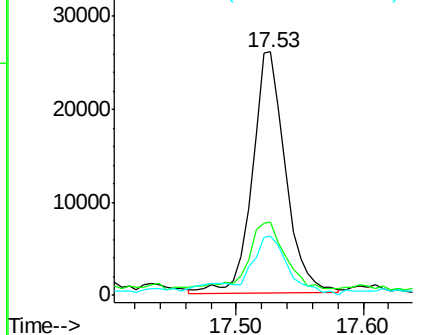
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	27.8	41.6
277	26.7	20.2	30.4

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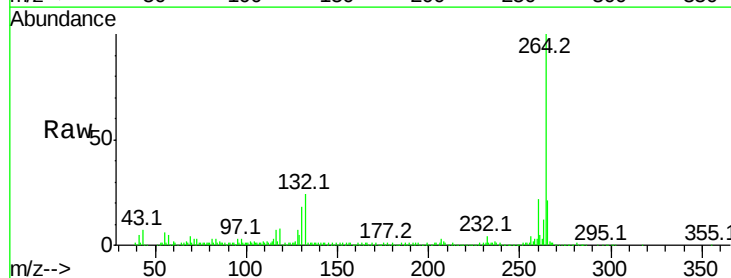


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

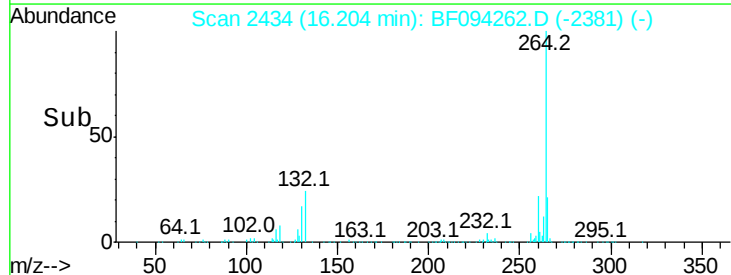
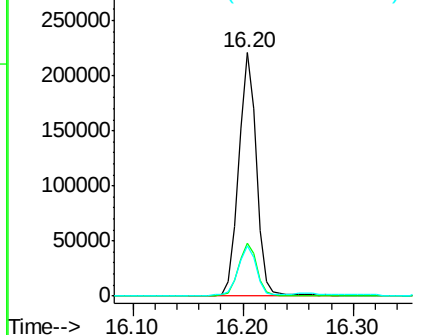


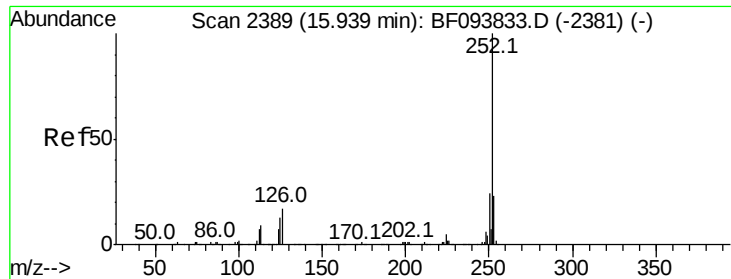
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. 0.01 min
 Lab File: BF094262.D
 Acq: 7 Apr 2017 9:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.5	29.3
265	20.8	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: 6.73 ng m

RT: 15.80 min Scan# 2365

Delta R.T. 0.01 min

Lab File: BF094262.D

Acq: 7 Apr 2017 9:12

Instrument :

BNA_F

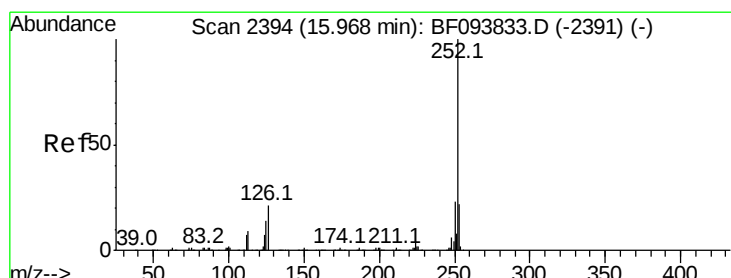
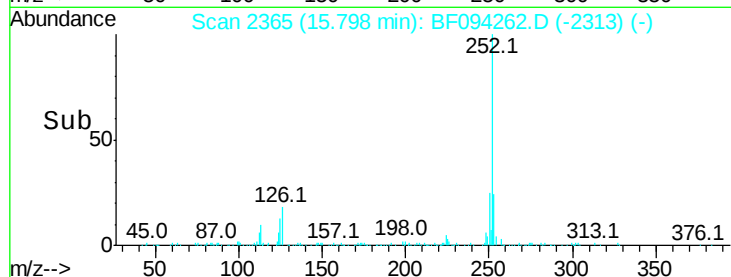
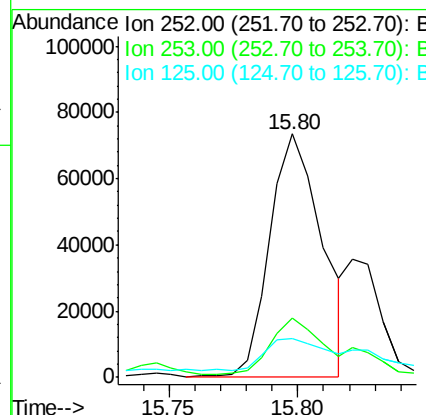
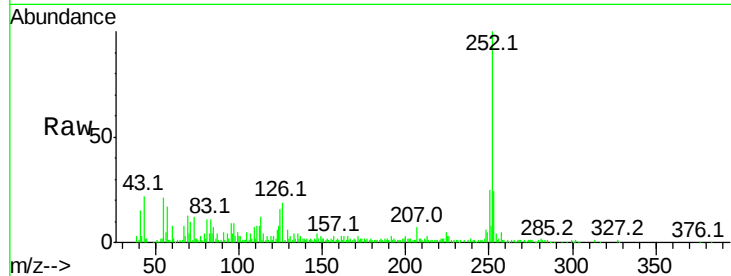
ClientSampleId :

E2-AA10-NSWDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	16.0	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 2.26 ng m

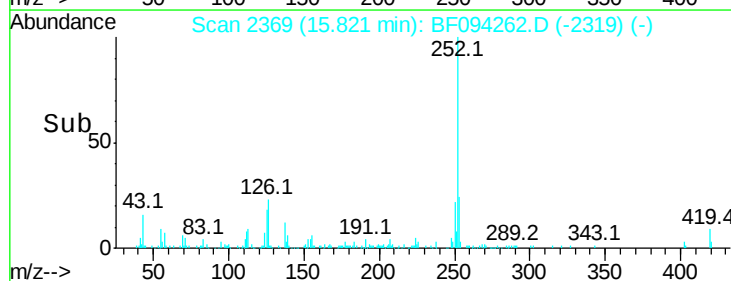
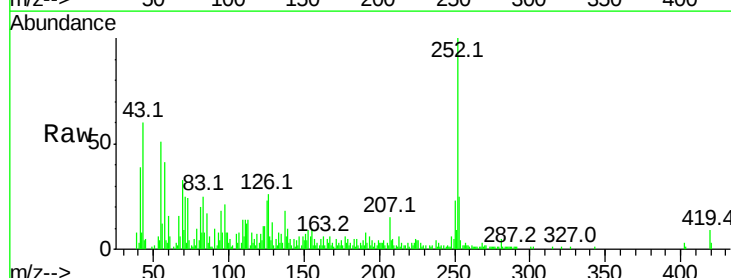
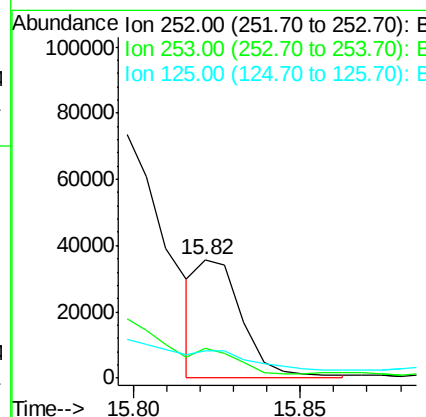
RT: 15.82 min Scan# 2369

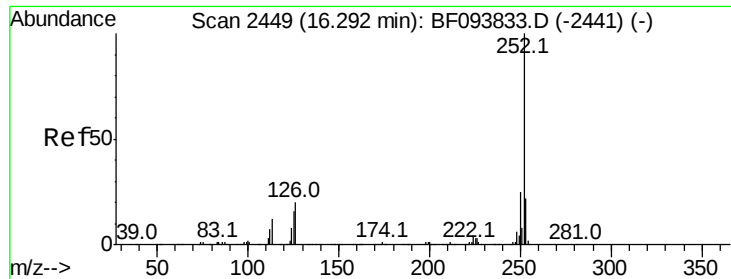
Delta R.T. -0.01 min

Lab File: BF094262.D

Acq: 7 Apr 2017 9:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.4	27.6
125	23.5	13.1	19.7





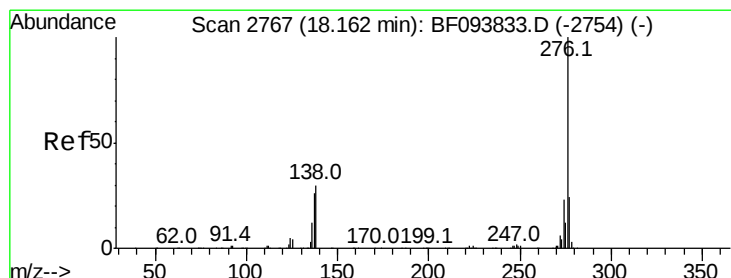
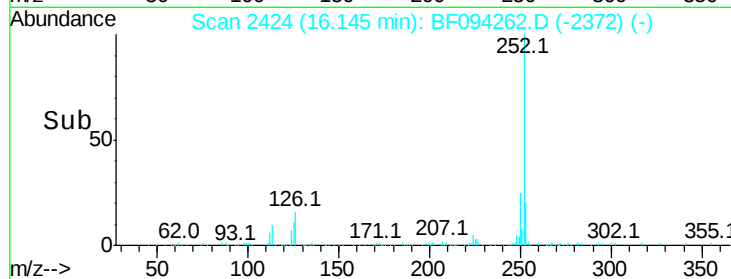
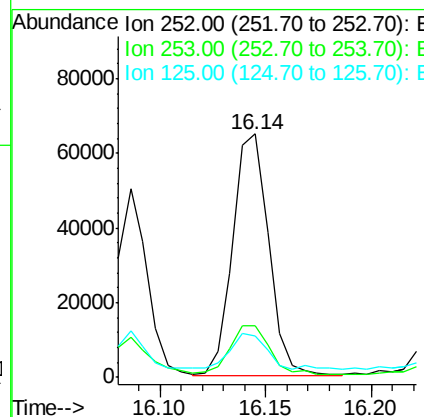
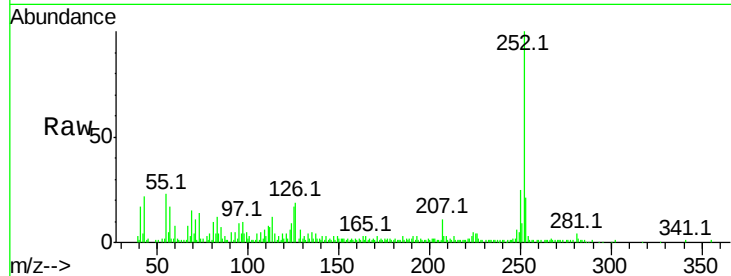
#89
Benzo(a)pyrene
Concen: 5.38 ng
RT: 16.14 min Scan# 2424
Delta R.T. 0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Instrument :
BNA_F
ClientSampleId :
E2-AA10-NSWDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	16.9	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 3.42 ng
RT: 17.92 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BF094262.D
Acq: 7 Apr 2017 9:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.6	28.0
138	32.9	25.4	38.0

