

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
 Data File : BE094960.D
 Acq On : 8 Dec 2017 21:55
 Operator : SJ/JU
 Sample : I6740-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-456S-20171204

Manual Integrations
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Quant Time: Dec 09 01:47:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	3619	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	7633	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	4223	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	9841	0.40	ng	0.00
27) Chrysene-d12	21.89	240	10664m	0.40	ng	0.00
34) Perylene-d12	24.57	264	9213	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	1898	0.33	ng	0.00
5) Phenol-d6	7.60	99	1977	0.23	ng	0.00
8) Nitrobenzene-d5	9.66	82	5480	1.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	9771	0.80	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	863	0.85	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	24586	1.36	ng	0.00
25) Fluoranthene-d10	19.76	212	108476	0.81	ng	0.00
29) Terphenyl-d14	20.33	244	26188	1.33	ng	0.00
Target Compounds						
18) Fluorene	16.10	166	669	0.034	ng	Qvalue # 82
23) Phenanthrene	17.82	178	6139	0.196	ng	98
24) Anthracene	17.91	178	1419m	0.043	ng	
26) Fluoranthene	19.79	202	4986	0.124	ng	97
28) Pyrene	20.14	202	3563	0.097	ng	# 94
30) Benzo(a)anthracene	21.87	228	4919	0.150	ng	# 66
31) Chrysene	21.92	228	5503m	0.152	ng	
32) Bis(2-ethylhexyl)phthalate	21.75	149	6837	0.126	ng	99
33) Indeno(1,2,3-cd)pyrene	27.44	276	4535	0.153	ng	# 86
38) Dibenzo(a,h)anthracene	27.46	278	3742	0.137	ng	# 51
39) Benzo(a,h,i)perylene	28.33	276	4043	0.149	ng	# 58

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

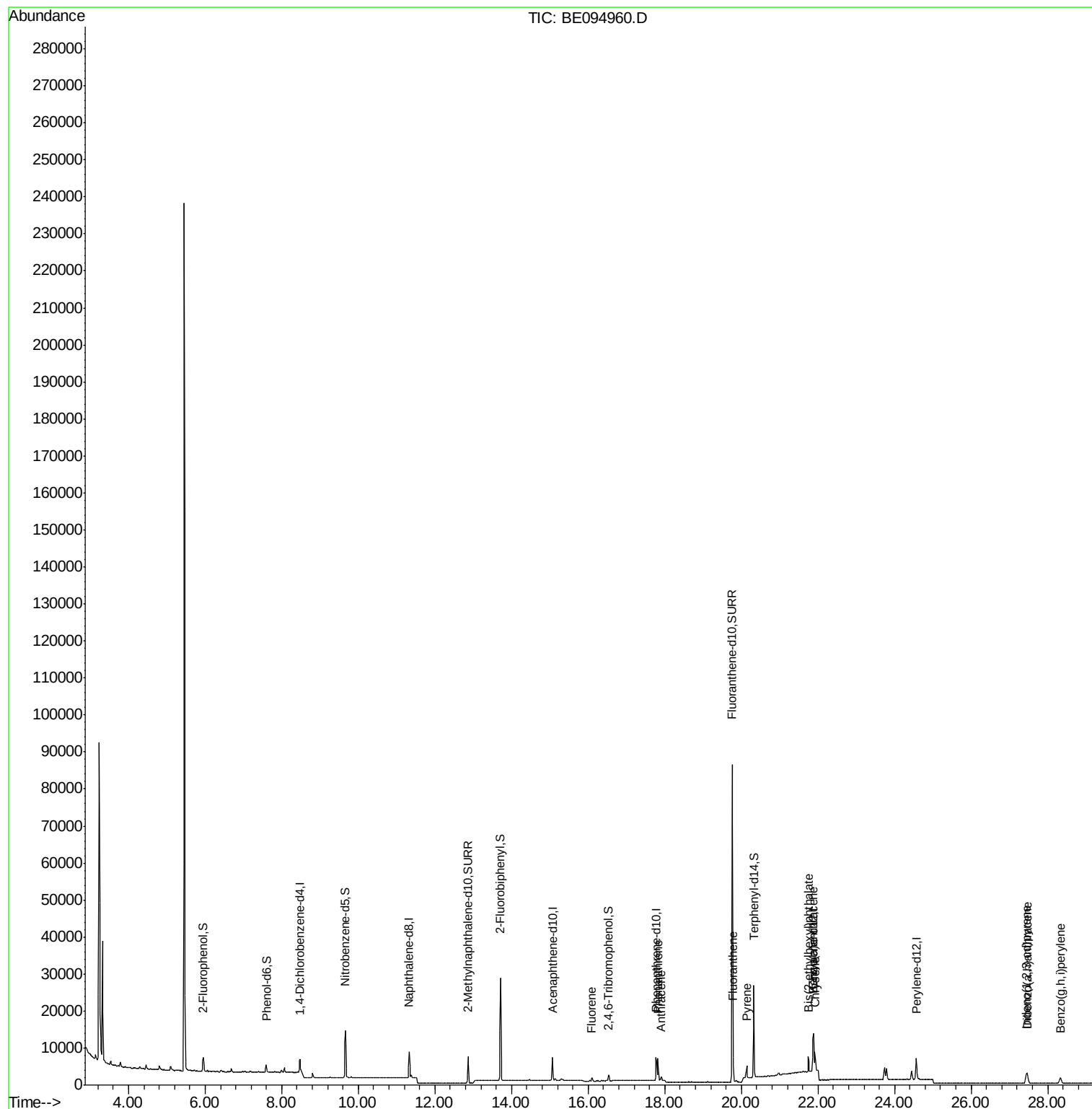
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094960.D
Acq On : 8 Dec 2017 21:55
Operator : SJ/JU
Sample : I6740-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

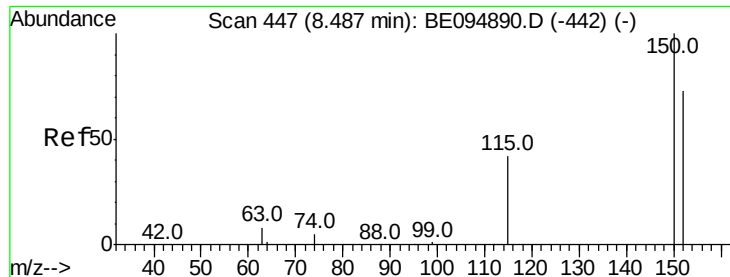
Instrument :
BNA_E
ClientSampleId :
FT-PZ-456S-20171204

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
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#1

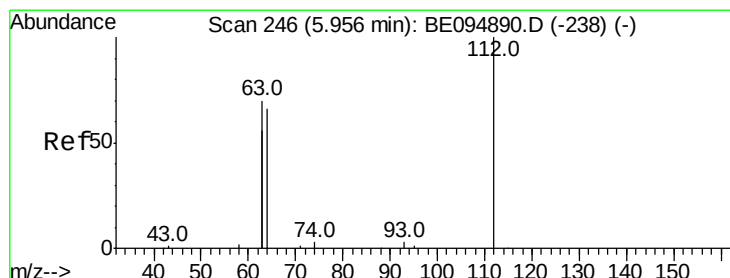
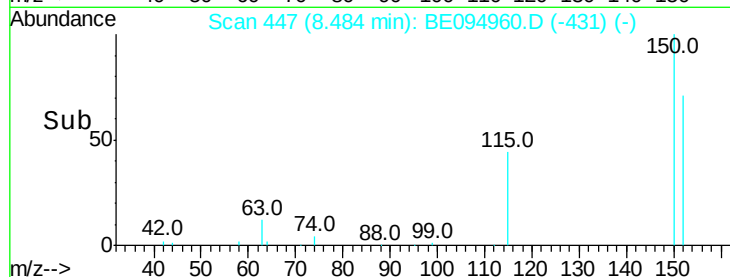
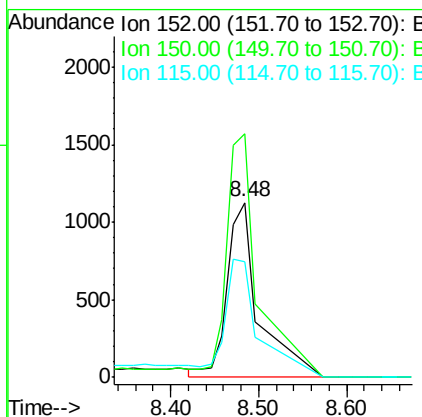
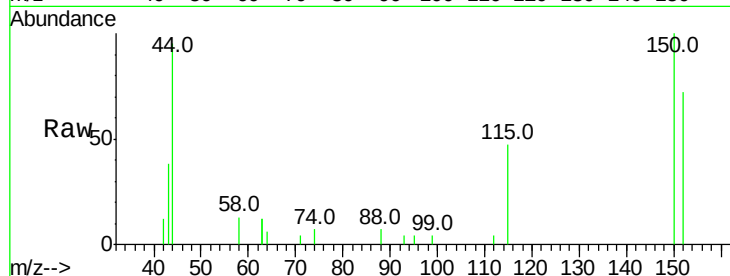
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :
FT-PZ-456S-20171204

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.3	117.2	175.8
115	66.1	57.0	85.6

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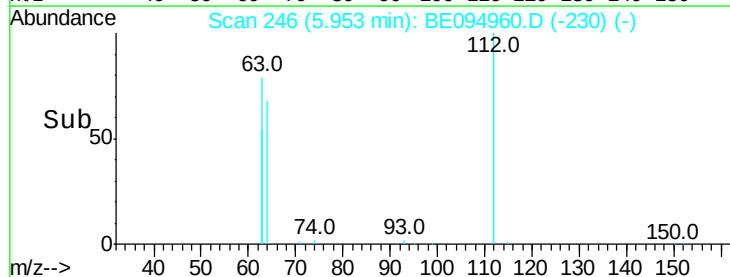
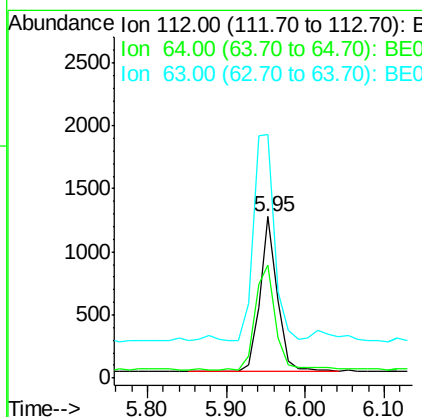
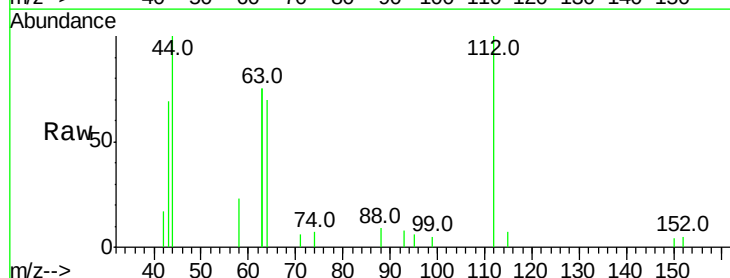
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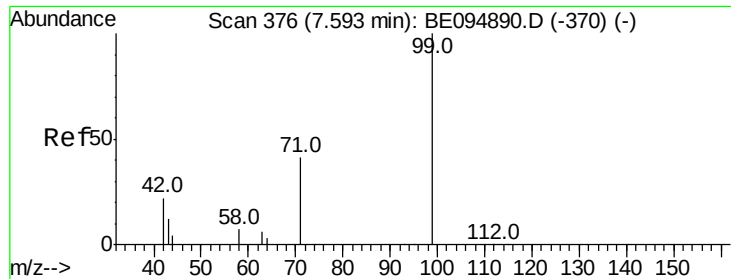


#4

2-Fluorophenol
Concen: 0.331 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.6	60.1	90.1
63	161.3	116.8	175.2





#5

Phenol-d6

Concen: 0.233 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094960.D

Acq: 8 Dec 2017 21:55

Instrument :

BNA_E

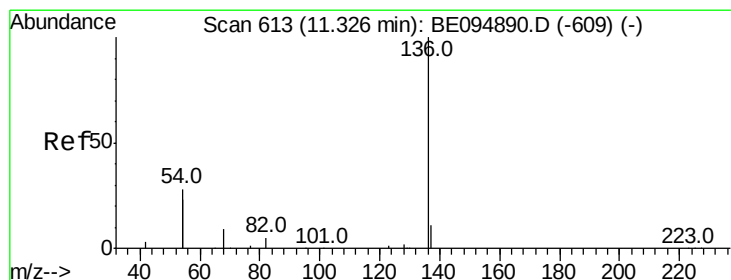
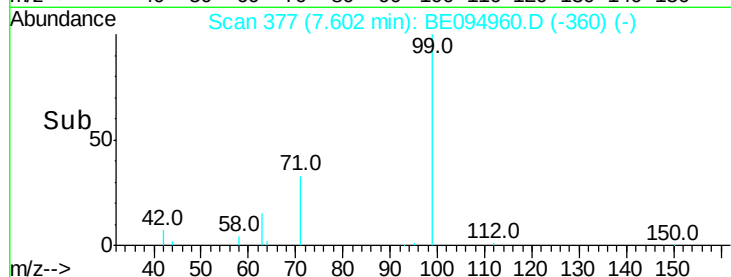
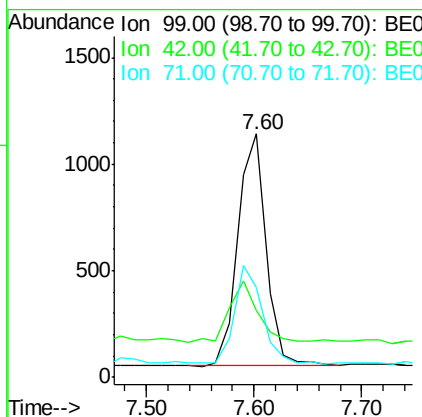
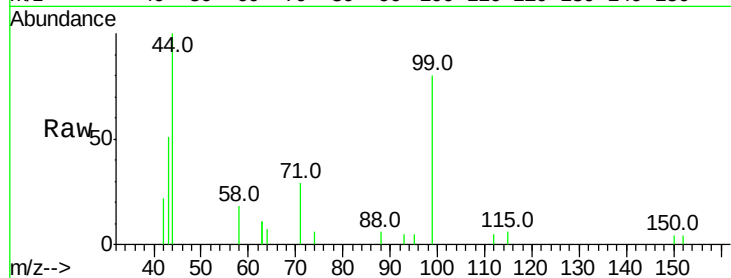
ClientSampleId :

FT-PZ-456S-20171204

Tot Ion:	99	Resp:	1977
Ion	Ratio	Lower	Upper
99	100		
42	26.8	20.2	30.2
71	42.6	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

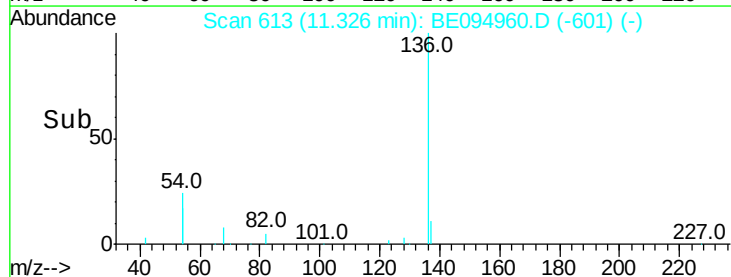
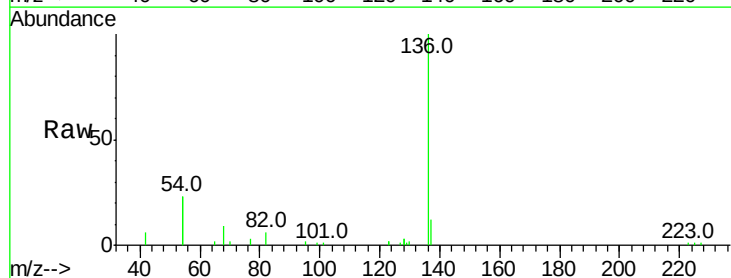
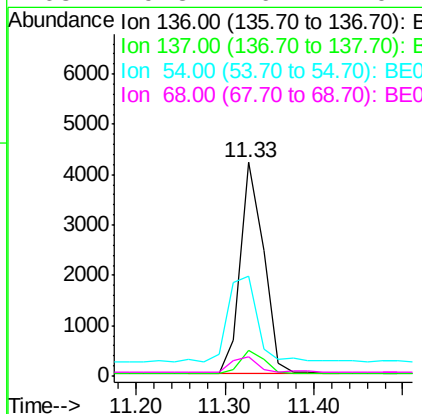
RT: 11.33 min Scan# 613

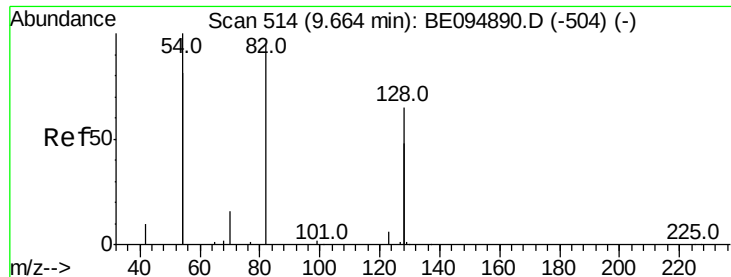
Delta R.T. 0.00 min

Lab File: BE094960.D

Acq: 8 Dec 2017 21:55

Tgt Ion:	136	Resp:	7633
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	46.5	29.1	43.7#
68	9.3	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 1.213 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094960.D

Acq: 8 Dec 2017 21:55

Instrument :

BNA_E

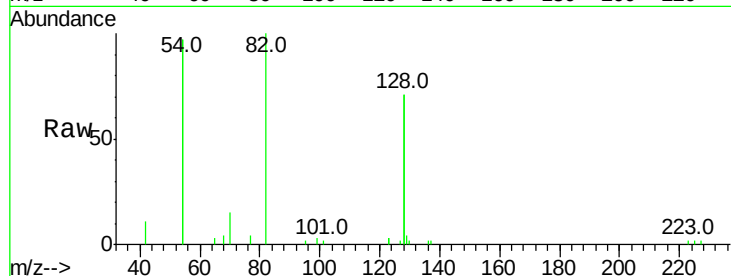
ClientSampleId :

FT-PZ-456S-20171204

Tot Ion	Ratio	Lower	Upper
82	100		
128	142.4	150.0	225.0#
54	193.8	154.2	231.4

Manual Integrations
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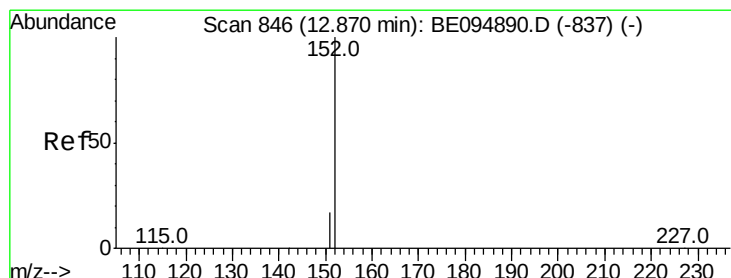
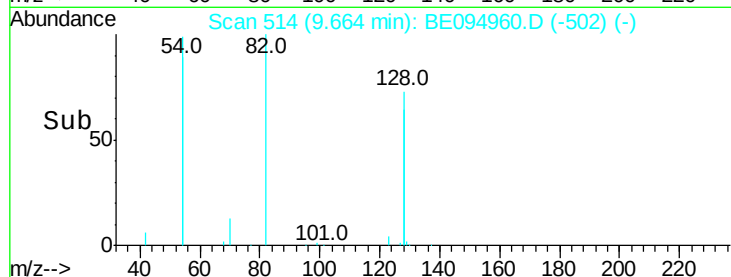
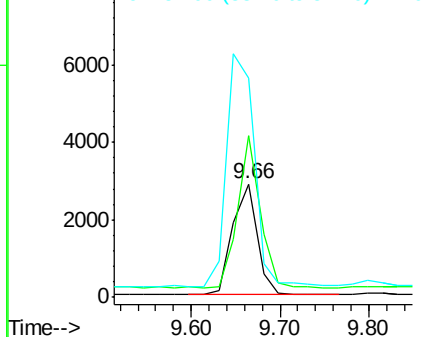
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Abundance Ion 82.00 (81.70 to 82.70): BE094960.D (-502) (-)

Ion 128.00 (127.70 to 128.70): BE094960.D (-502) (-)

Ion 54.00 (53.70 to 54.70): BE094960.D (-502) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.802 ng

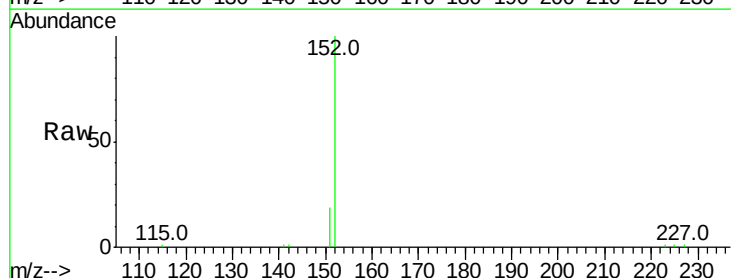
RT: 12.87 min Scan# 846

Delta R.T. 0.00 min

Lab File: BE094960.D

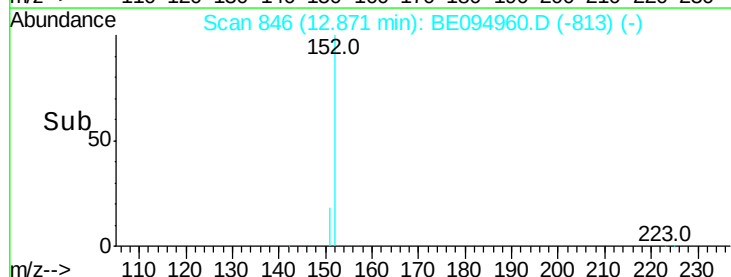
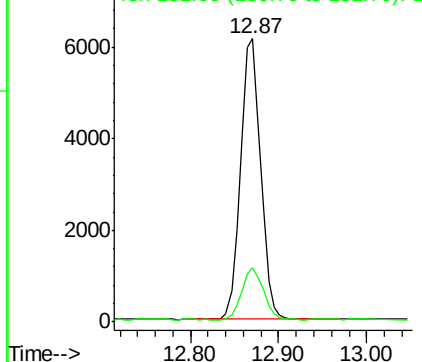
Acq: 8 Dec 2017 21:55

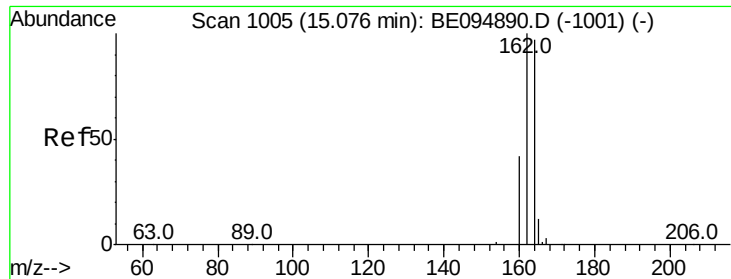
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094960.D (-813) (-)

Ion 151.00 (150.70 to 151.70): BE094960.D (-813) (-)





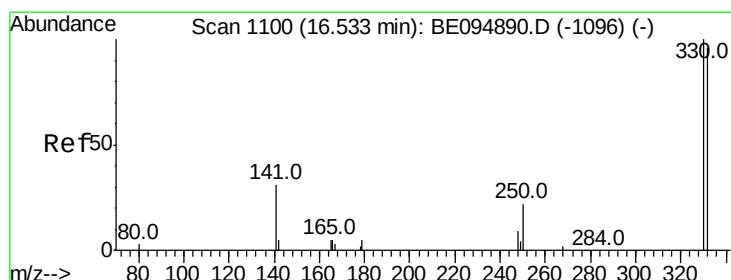
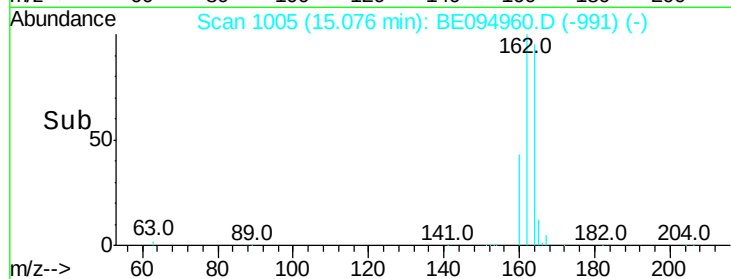
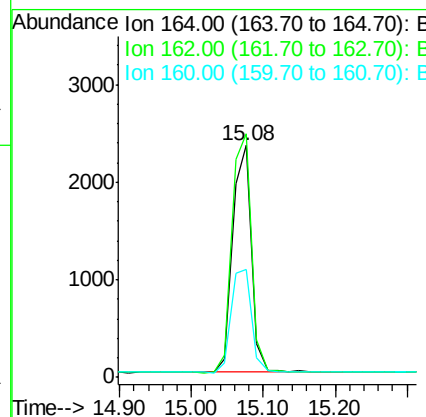
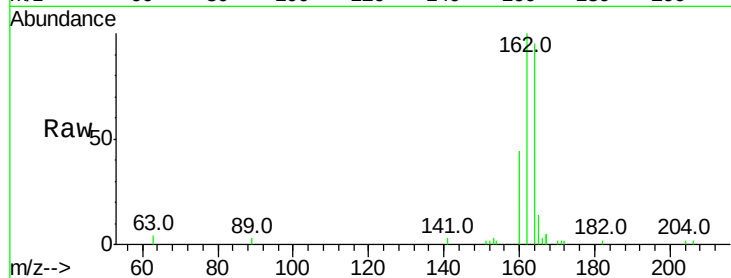
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.08 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BE094960.D
 Acq: 8 Dec 2017 21:55

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-456S-20171204

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.1	124.7
160	46.6	37.1	55.7

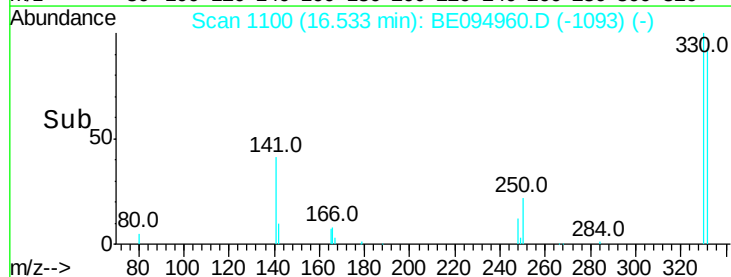
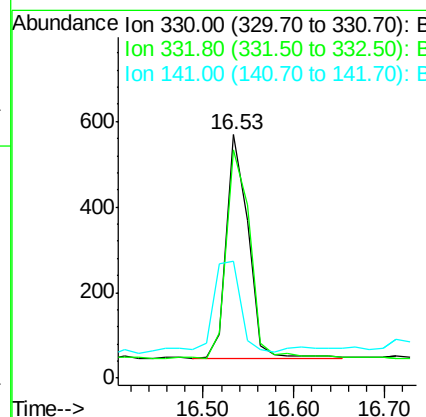
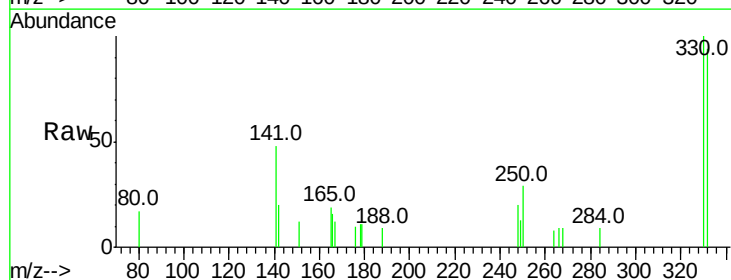
Manual Integrations
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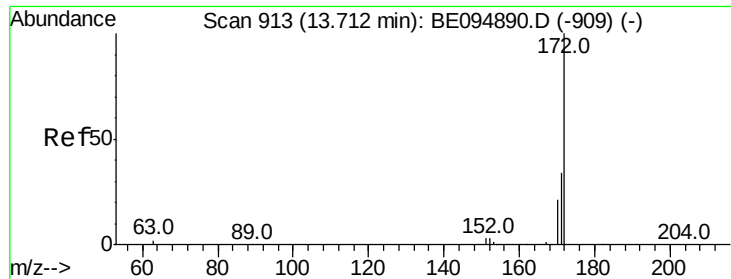
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#14
 2,4,6-Tribromophenol
 Concen: 0.850 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BE094960.D
 Acq: 8 Dec 2017 21:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.8	152.7	229.1#
141	49.6	33.7	50.5





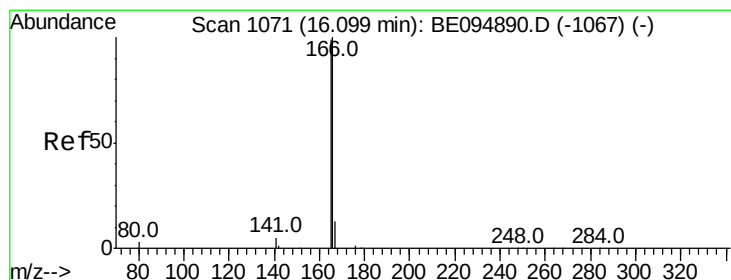
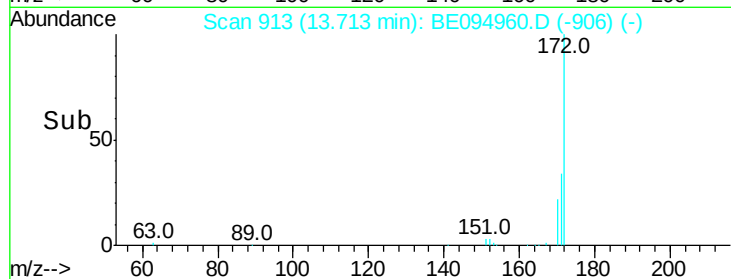
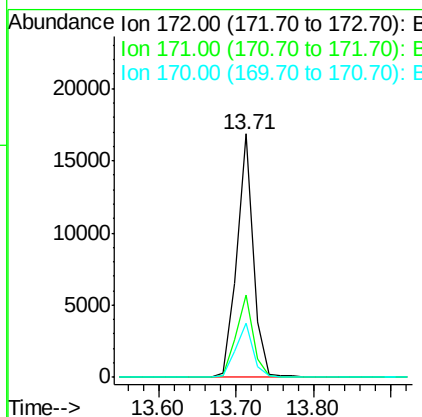
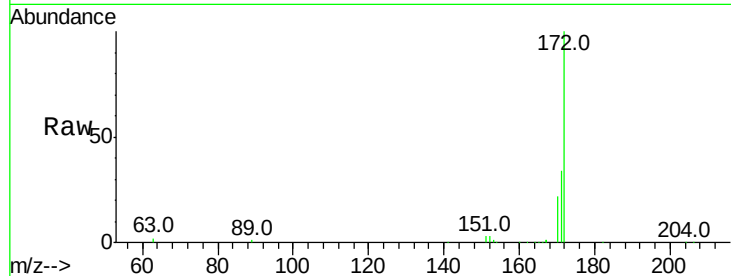
#15
2-Fluorobiphenyl
Concen: 1.359 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :
FT-PZ-456S-20171204

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.9	44.9
170	22.1	21.8	32.8

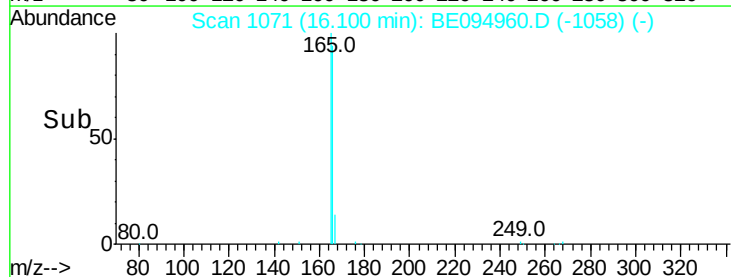
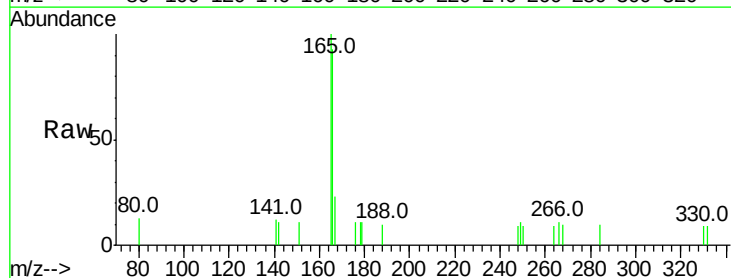
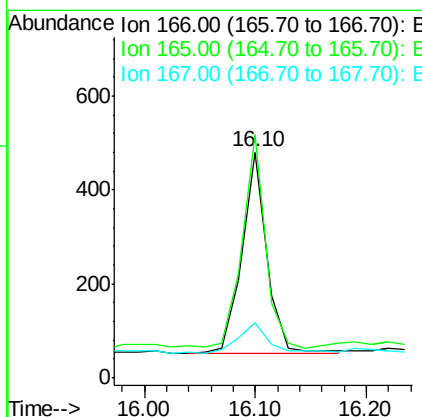
Manual Integrations
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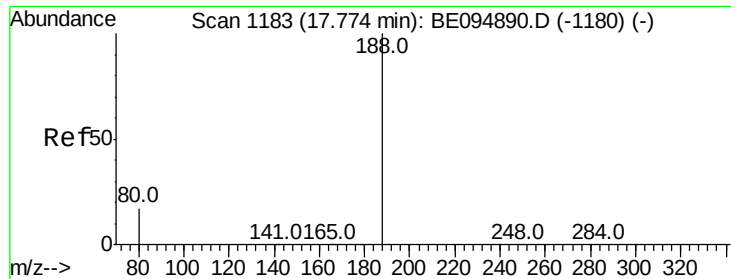
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#18
Fluorene
Concen: 0.034 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	17.8	42.4	63.6#





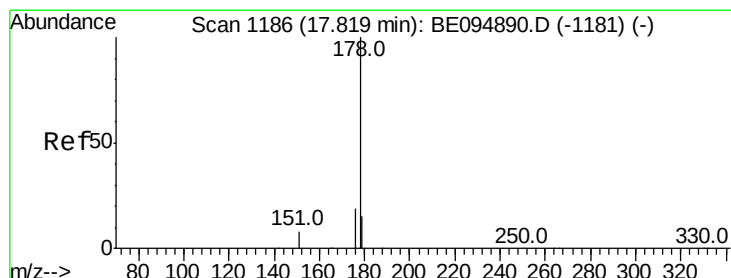
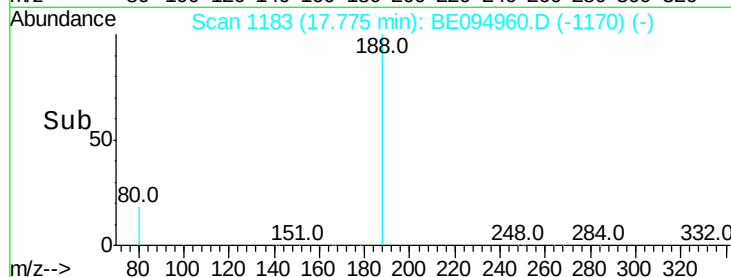
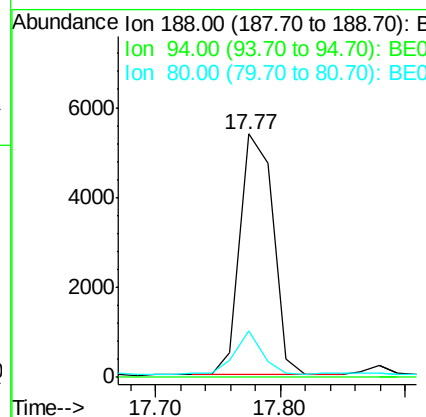
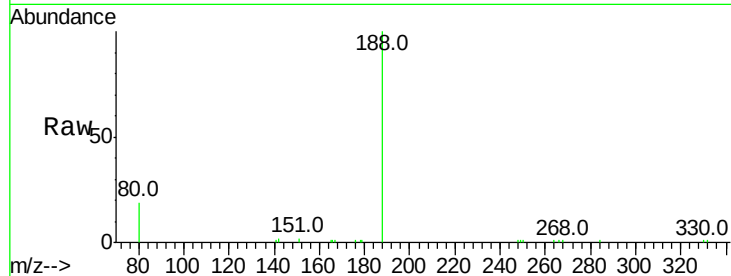
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :
FT-PZ-456S-20171204

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	19.2	3.6	5.4#

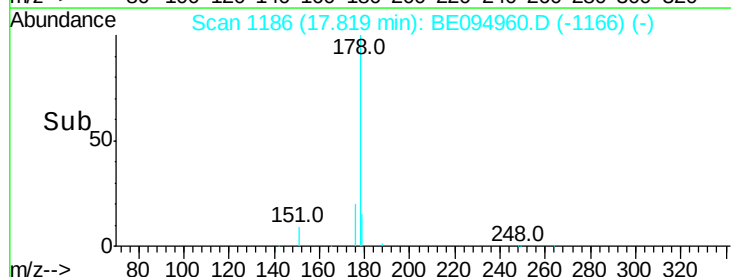
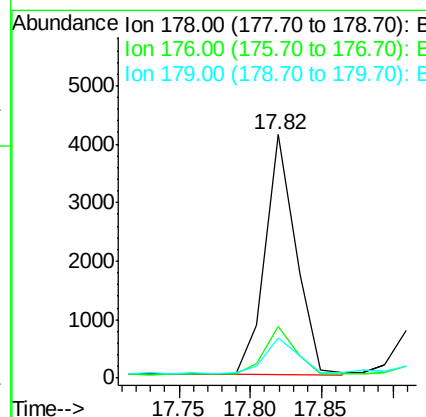
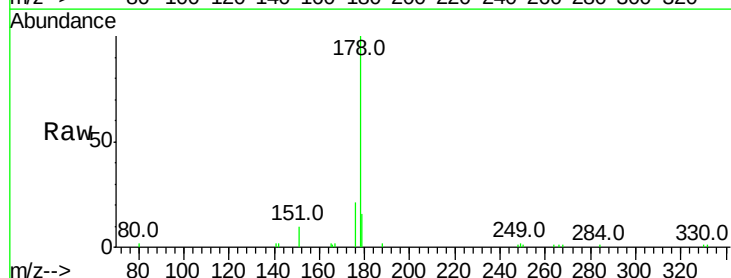
Manual Integrations
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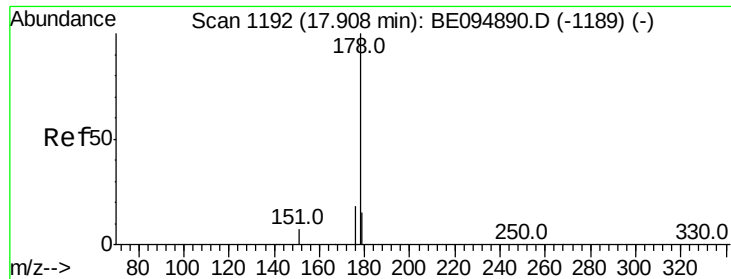
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#23
Phenanthrene
Concen: 0.196 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.6	11.8	17.6





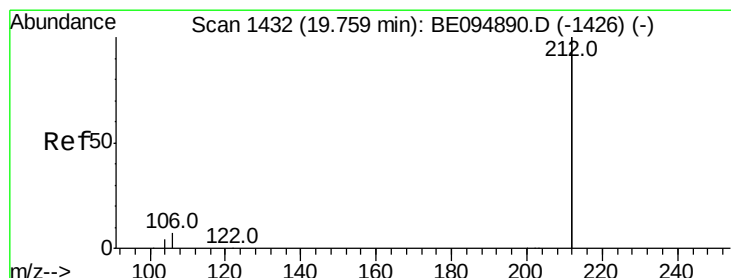
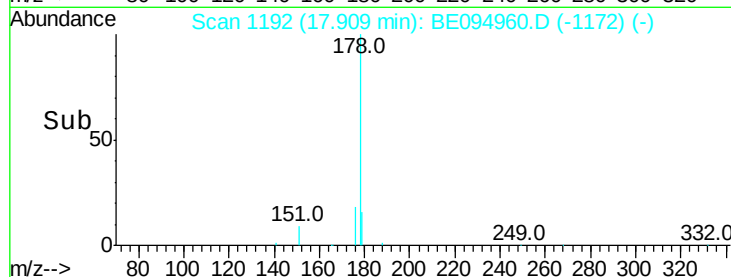
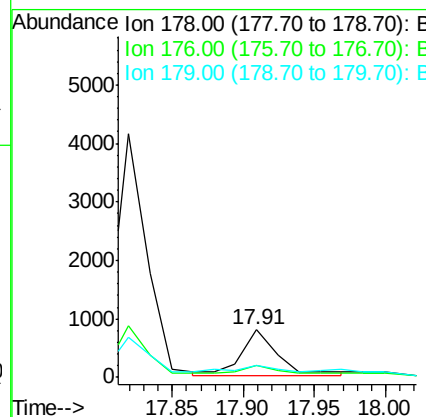
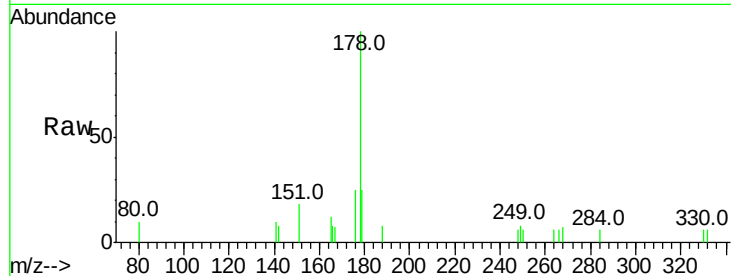
#24
 Anthracene
 Concen: 0.043 ng/ml
 RT: 17.91 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BE094960.D
 Acq: 8 Dec 2017 21:55

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-456S-20171204

Tot Ion	Ratio	Lower	Upper
178	100		
176	14.1	12.8	19.2
179	14.7	13.0	19.6

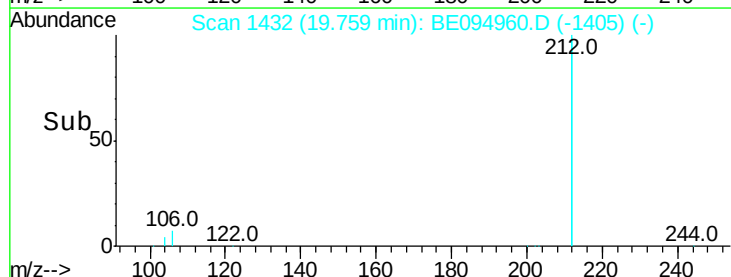
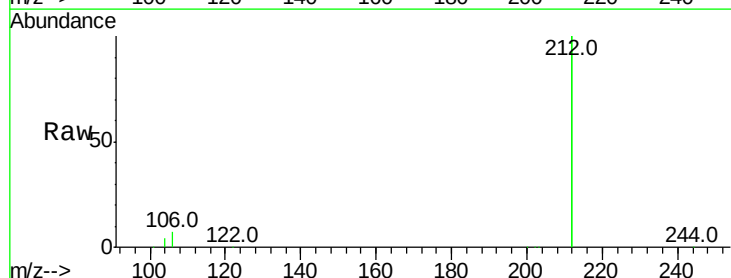
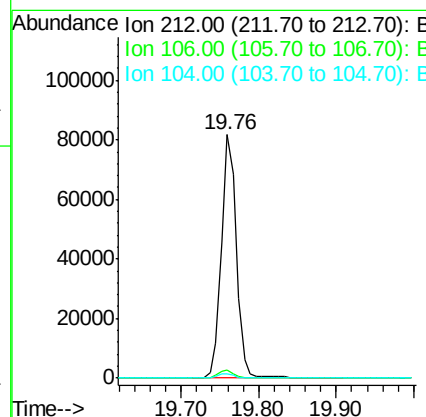
Manual Integrations
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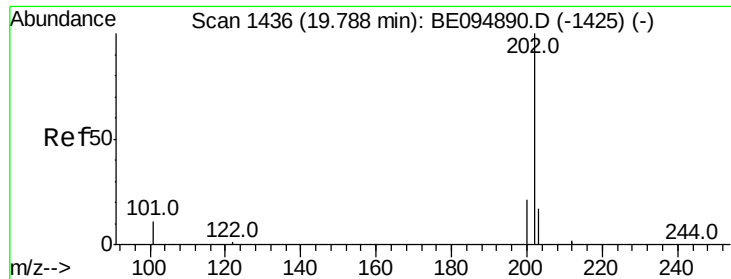
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#25
 Fluoranthene-d10
 Concen: 0.807 ng
 RT: 19.76 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE094960.D
 Acq: 8 Dec 2017 21:55

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.9	1.6	2.4





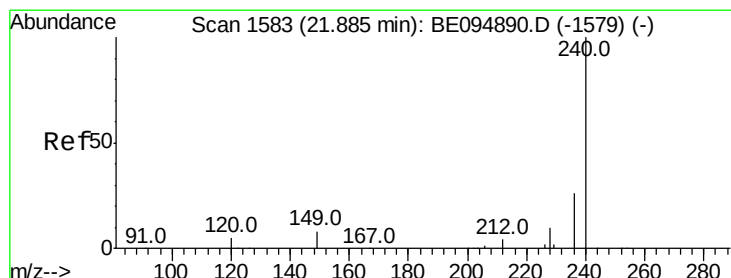
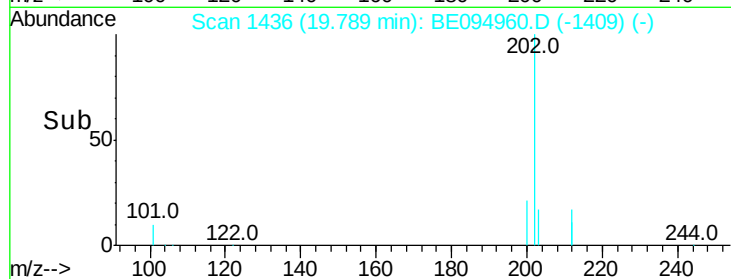
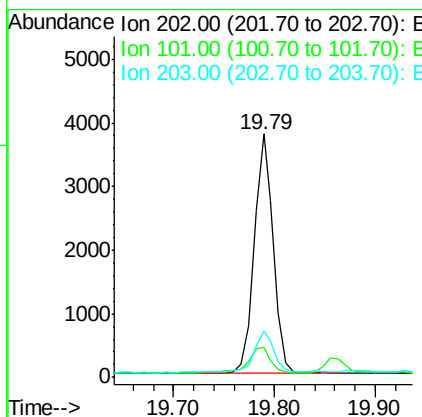
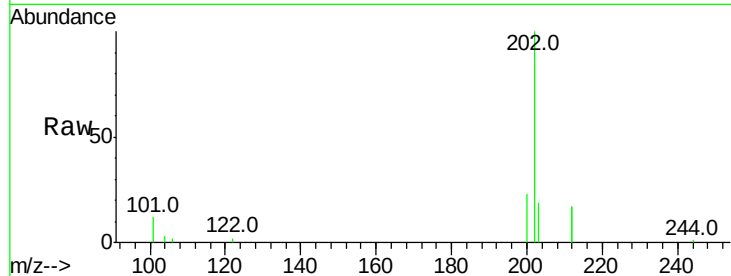
#26
Fluoranthene
 Concen: 0.124 ng
 RT: 19.79 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE094960.D
 Acq: 8 Dec 2017 21:55

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-456S-20171204

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.8
203	18.6	13.7	20.5

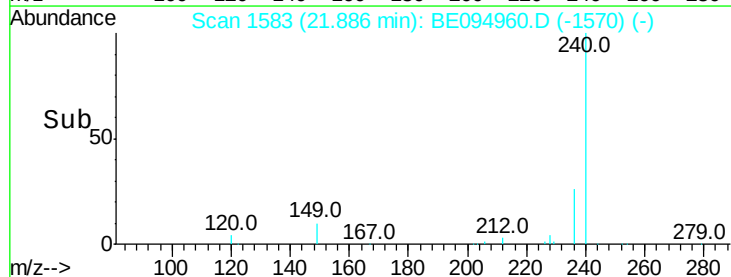
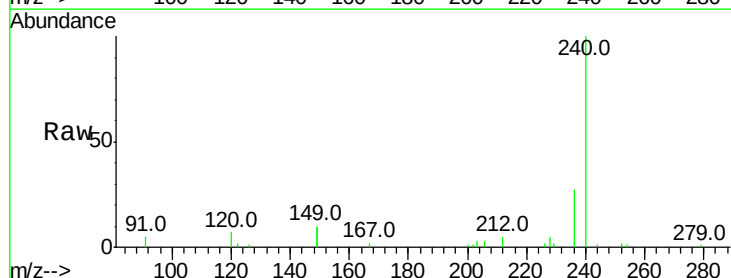
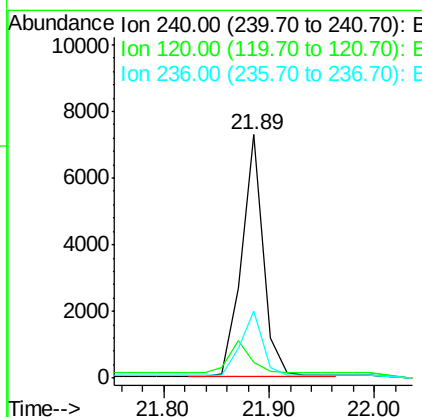
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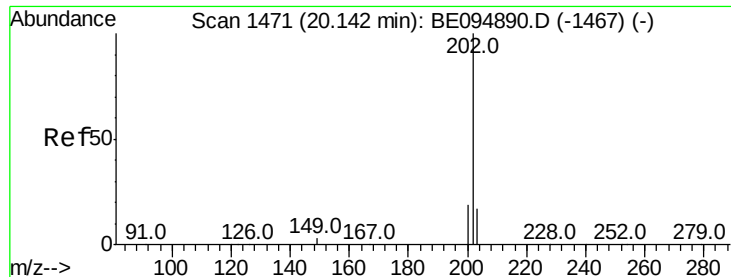
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#27
Chrysene-d12
 Concen: 0.400 ng m
 RT: 21.89 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BE094960.D
 Acq: 8 Dec 2017 21:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.5	8.3
236	27.3	20.7	31.1





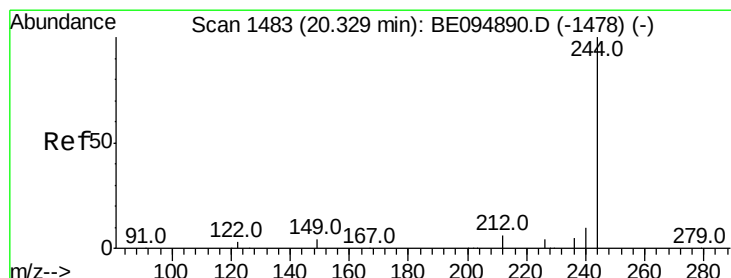
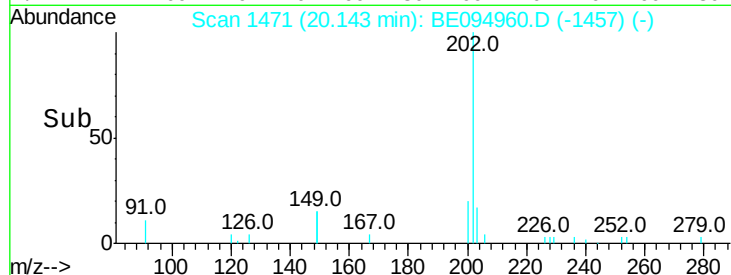
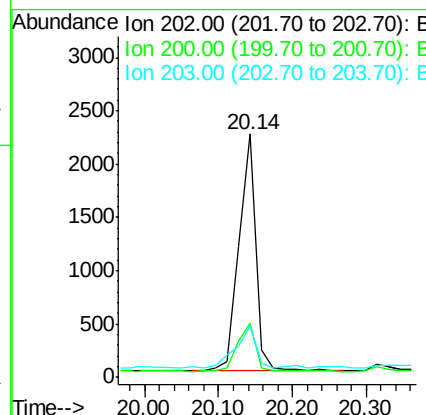
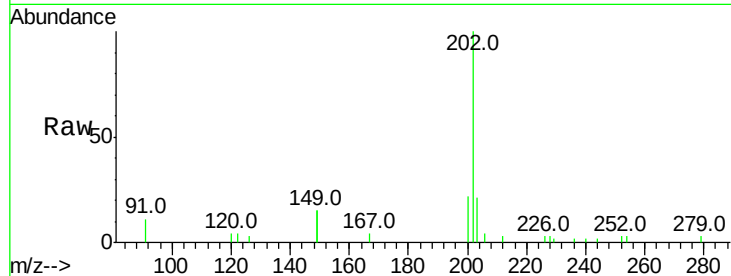
#28
Pvrene
Concen: 0.097 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Instrument :
BNA_E
ClientSampleId :
FT-PZ-456S-20171204

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.6	25.0
203	21.0	13.8	20.8

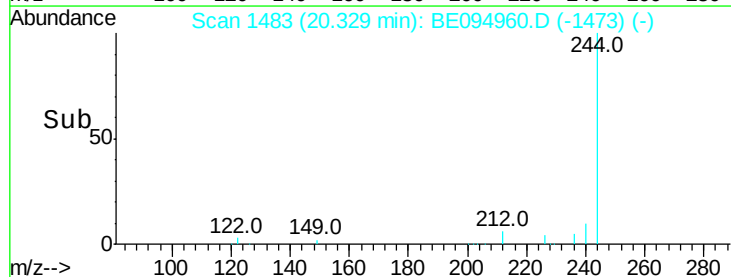
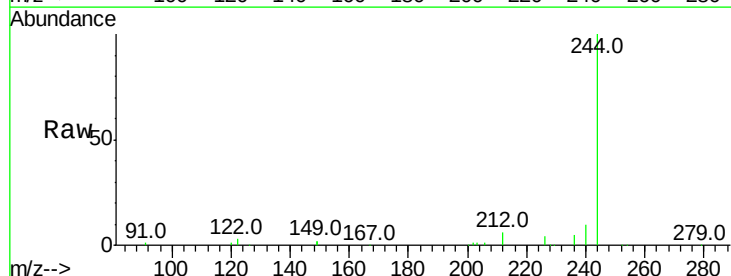
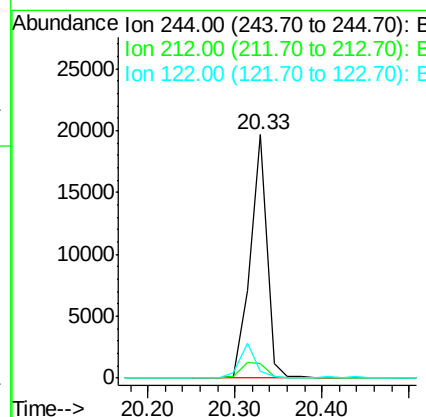
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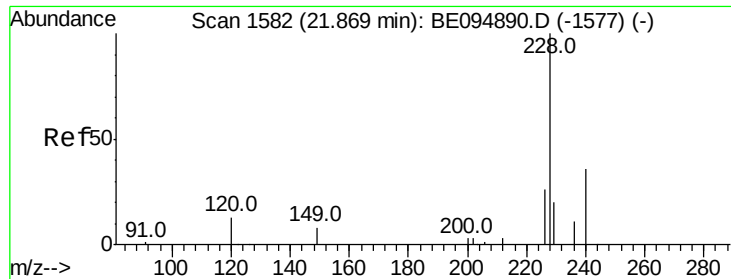
Sohil
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#29
Terphenyl-d14
Concen: 1.330 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094960.D
Acq: 8 Dec 2017 21:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	25.4	38.0
122	3.0	8.1	12.1





#30

Benzo(a)anthracene

Concen: 0.150 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094960.D

Acq: 8 Dec 2017 21:55

Instrument :

BNA_E

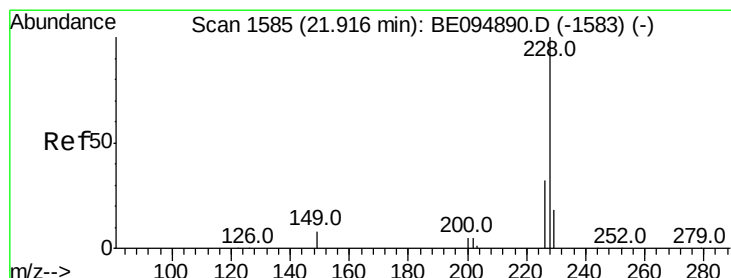
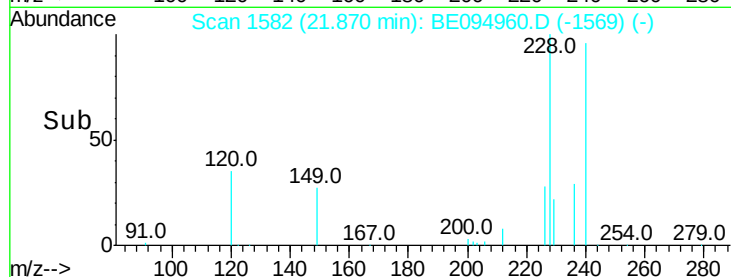
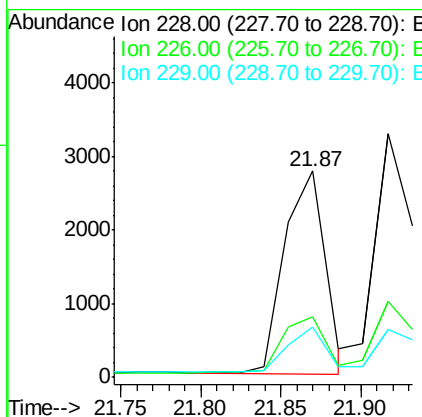
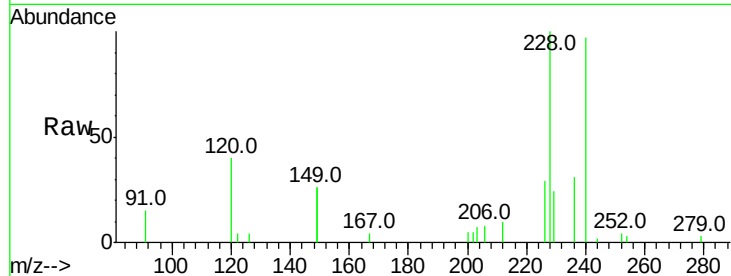
ClientSampleId :

FT-PZ-456S-20171204

Tot Ion:228	Resp:	4919
Ion Ratio	Lower	Upper
228 100		
226 29.5	40.0	60.0#
229 24.1	40.0	60.0#

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#31

Chrysene

Concen: 0.152 ng m

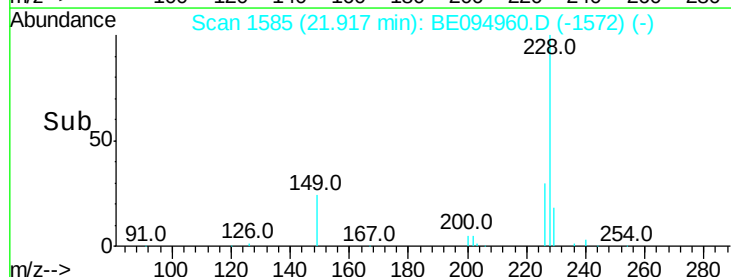
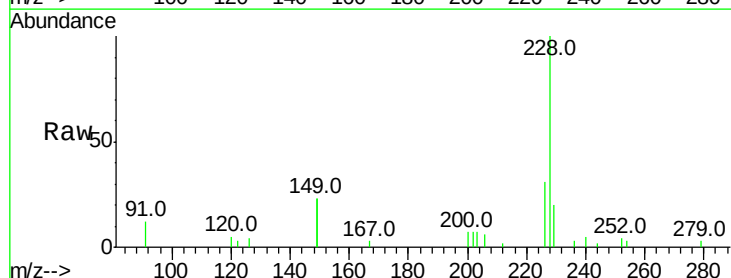
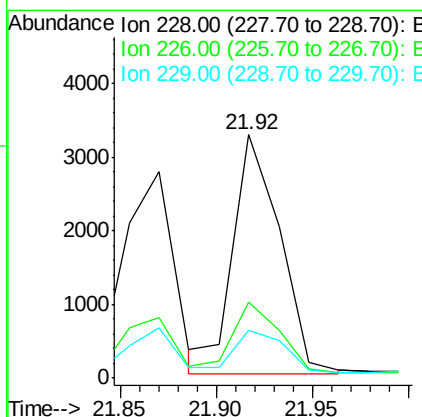
RT: 21.92 min Scan# 1585

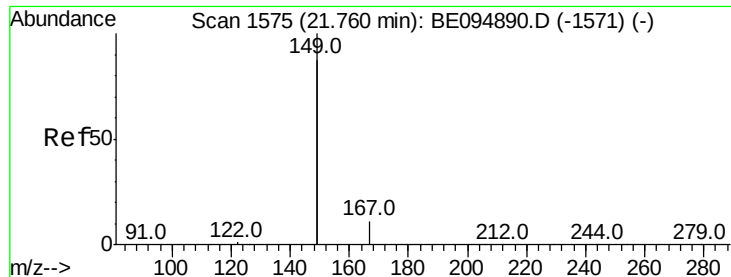
Delta R.T. 0.00 min

Lab File: BE094960.D

Acq: 8 Dec 2017 21:55

Tgt Ion:228	Resp:	5503
Ion Ratio	Lower	Upper
228 100		
226 31.4	40.0	60.0#
229 19.5	40.0	60.0#





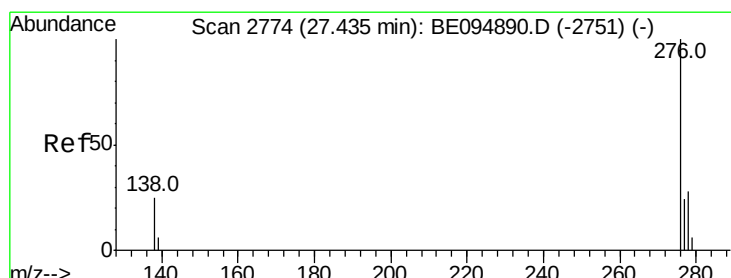
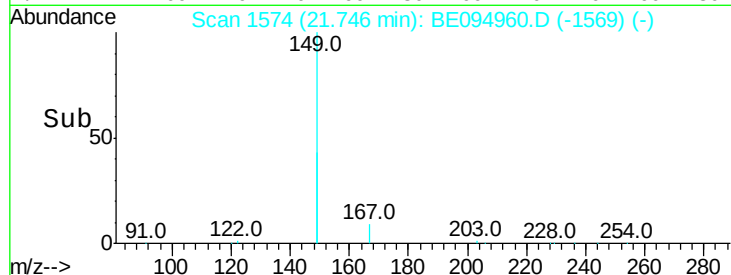
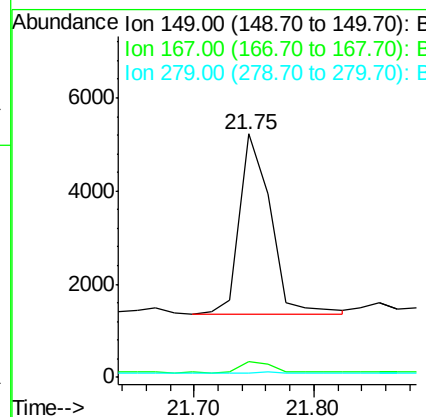
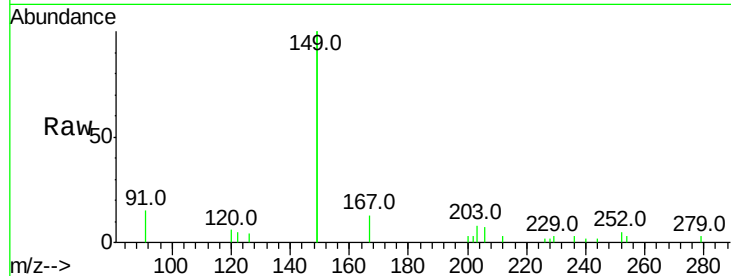
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.126 ng
 RT: 21.75 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BE094960.D
 Acq: 8 Dec 2017 21:55

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-456S-20171204

Tot Ion:	149	Resp:	6837
Ion Ratio	Lower	Upper	
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1

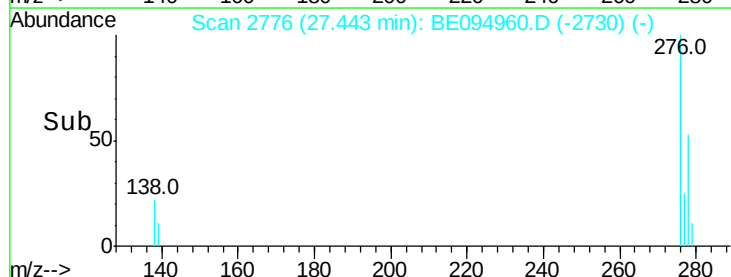
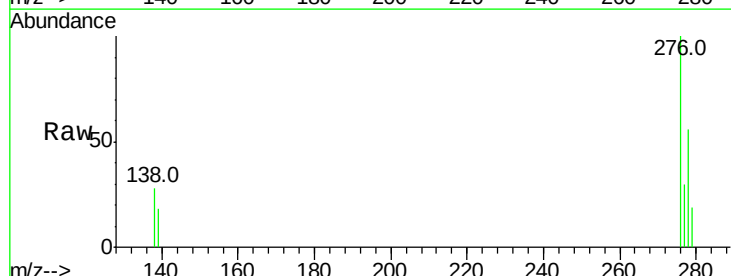
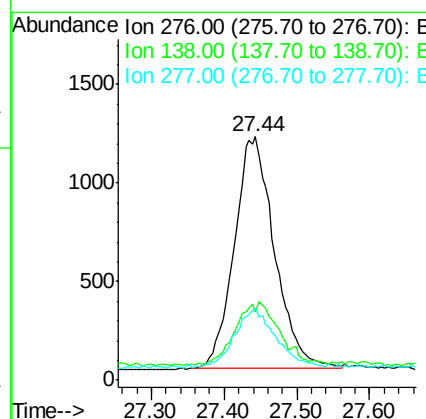
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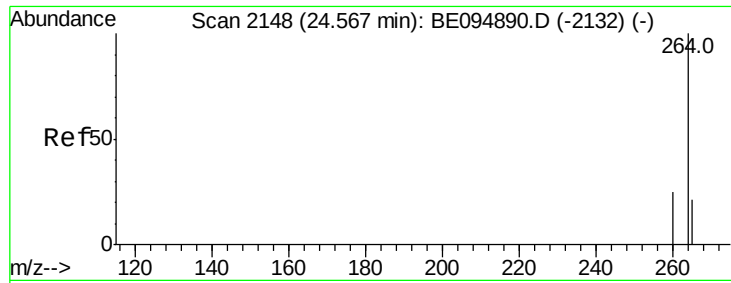
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#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.153 ng
 RT: 27.44 min Scan# 2776
 Delta R.T. 0.01 min
 Lab File: BE094960.D
 Acq: 8 Dec 2017 21:55

Tgt Ion:	276	Resp:	4535
Ion Ratio	Lower	Upper	
276	100		
138	15.2	22.5	33.7#
277	26.5	19.9	29.9





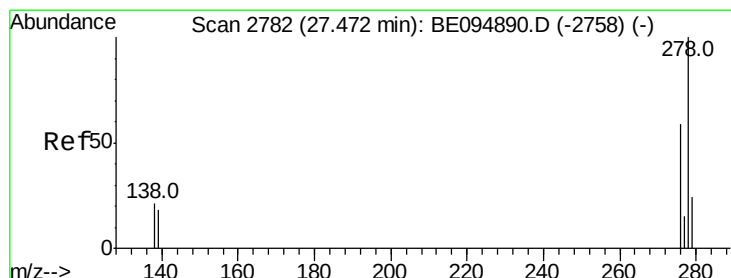
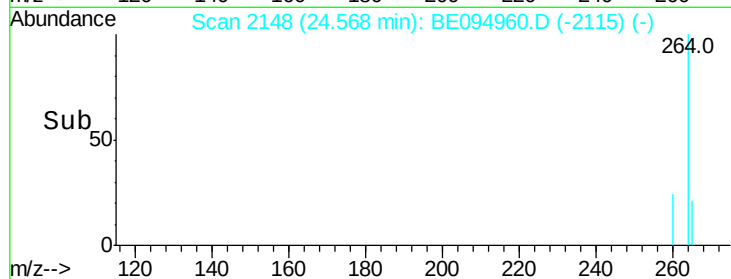
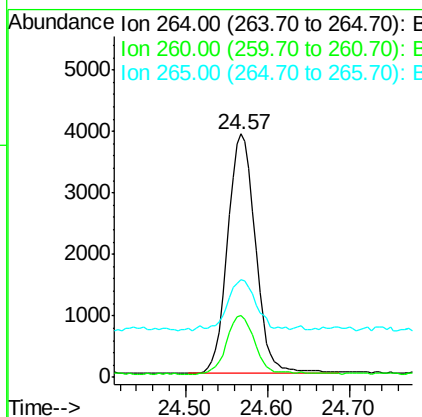
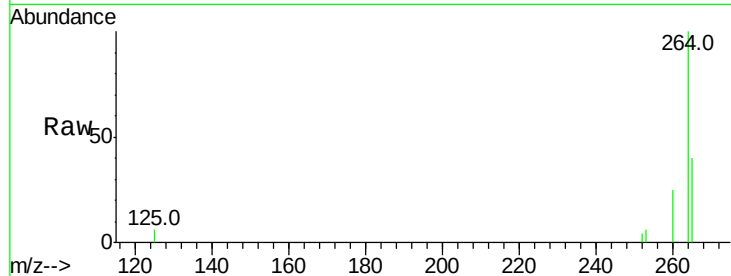
#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.57 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BE094960.D
 Acq: 8 Dec 2017 21:55

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-456S-20171204

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	40.2	22.8	34.2

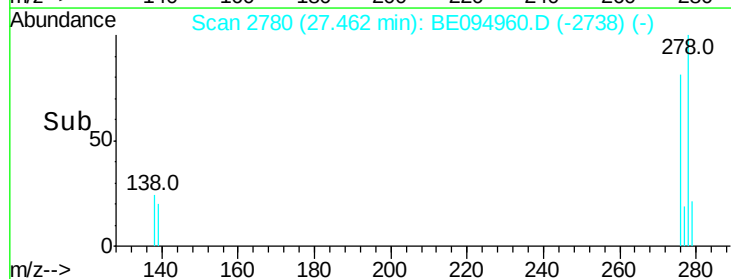
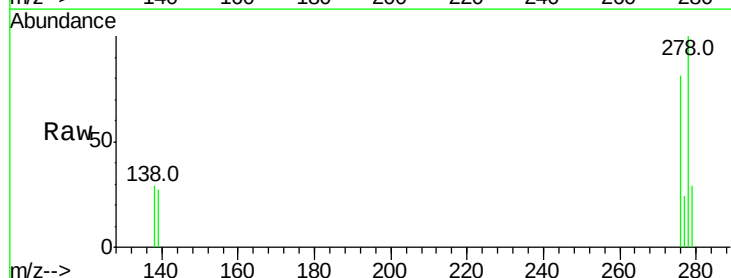
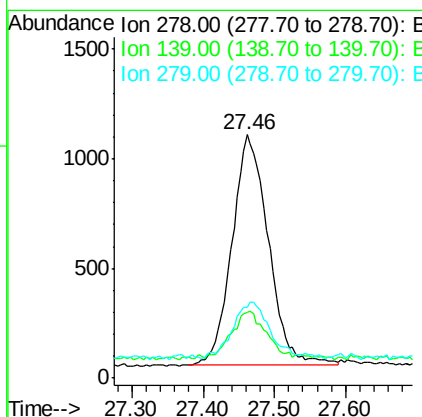
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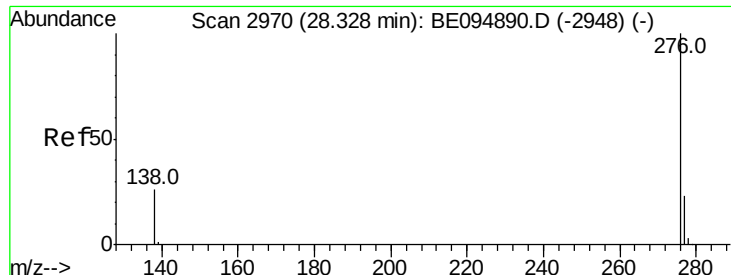
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#38
 Dibenzo(a,h)anthracene
 Concen: 0.137 ng
 RT: 27.46 min Scan# 2780
 Delta R.T. -0.01 min
 Lab File: BE094960.D
 Acq: 8 Dec 2017 21:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.9	56.0	84.0
279	29.0	52.0	78.0





#39

Benzo(a,h,i)perylene

Concen: 0.149 ng

RT: 28.33 min Scan# 2971

Delta R.T. 0.00 min

Lab File: BE094960.D

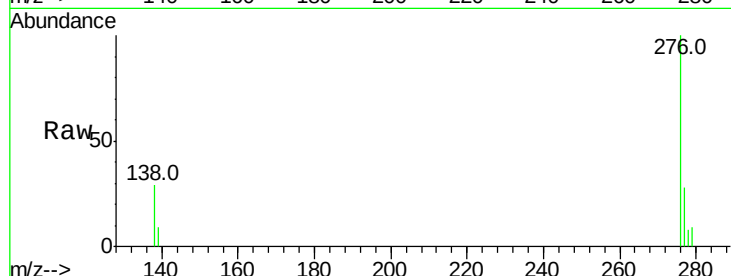
Acq: 8 Dec 2017 21:55

Instrument :

BNA_E

ClientSampleId :

FT-PZ-456S-20171204



Tot Ion:	276	Resp:	4043
Ion Ratio	Lower	Upper	
276	100		
277	27.9	52.0	78.0#
138	29.3	44.0	66.0#

Manual Integrations
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12/11/2017 6:18:14 PM

