

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE121117\
 Data File : BE094972.D
 Acq On : 11 Dec 2017 13:18
 Operator : SJ/JU
 Sample : I6740-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations
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 12/11/2017 6:24:08 PM

Quant Time: Dec 11 15:52:48 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	7649	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	17599	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	9819	0.40	ng	0.00
19) Phenanthrene-d10	17.79	188	24141	0.40	ng	0.01
27) Chrysene-d12	21.89	240	25117	0.40	ng	0.00
34) Perylene-d12	24.57	264	20175	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	2046	0.17	ng	0.00
5) Phenol-d6	7.60	99	2164	0.12	ng	0.01
8) Nitrobenzene-d5	9.67	82	6021	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	10887	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.55	330	808	0.41	ng	0.02
15) 2-Fluorobiphenyl	13.71	172	27777	0.66	ng	0.00
25) Fluoranthene-d10	19.76	212	123892	0.38	ng	0.00
29) Terphenyl-d14	20.33	244	29180	0.63	ng	0.00

Target Compounds						Qvalue
22) Pentachlorophenol	17.43	266	272m	0.196	ng	
23) Phenanthrene	17.82	178	7374	0.096	ng	96
24) Anthracene	17.91	178	2163	0.027	ng	# 71
26) Fluoranthene	19.79	202	5699	0.058	ng	99
28) Pyrene	20.14	202	4771	0.055	ng	95
30) Benzo(a)anthracene	21.87	228	5332	0.069	ng	# 64
31) Chrysene	21.92	228	6724	0.079	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.75	149	5251	0.041	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.44	276	4913	0.071	ng	99
35) Benzo(b)fluoranthene	23.73	252	5504	0.075	ng	# 49
36) Benzo(k)fluoranthene	23.79	252	4862	0.065	ng	# 48
37) Benzo(a)pyrene	24.44	252	4287	0.066	ng	# 51
38) Dibenzo(a,h)anthracene	27.47	278	3944	0.066	ng	# 52
39) Benzo(g,h,i)perylene	28.32	276	4294	0.072	ng	# 59

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

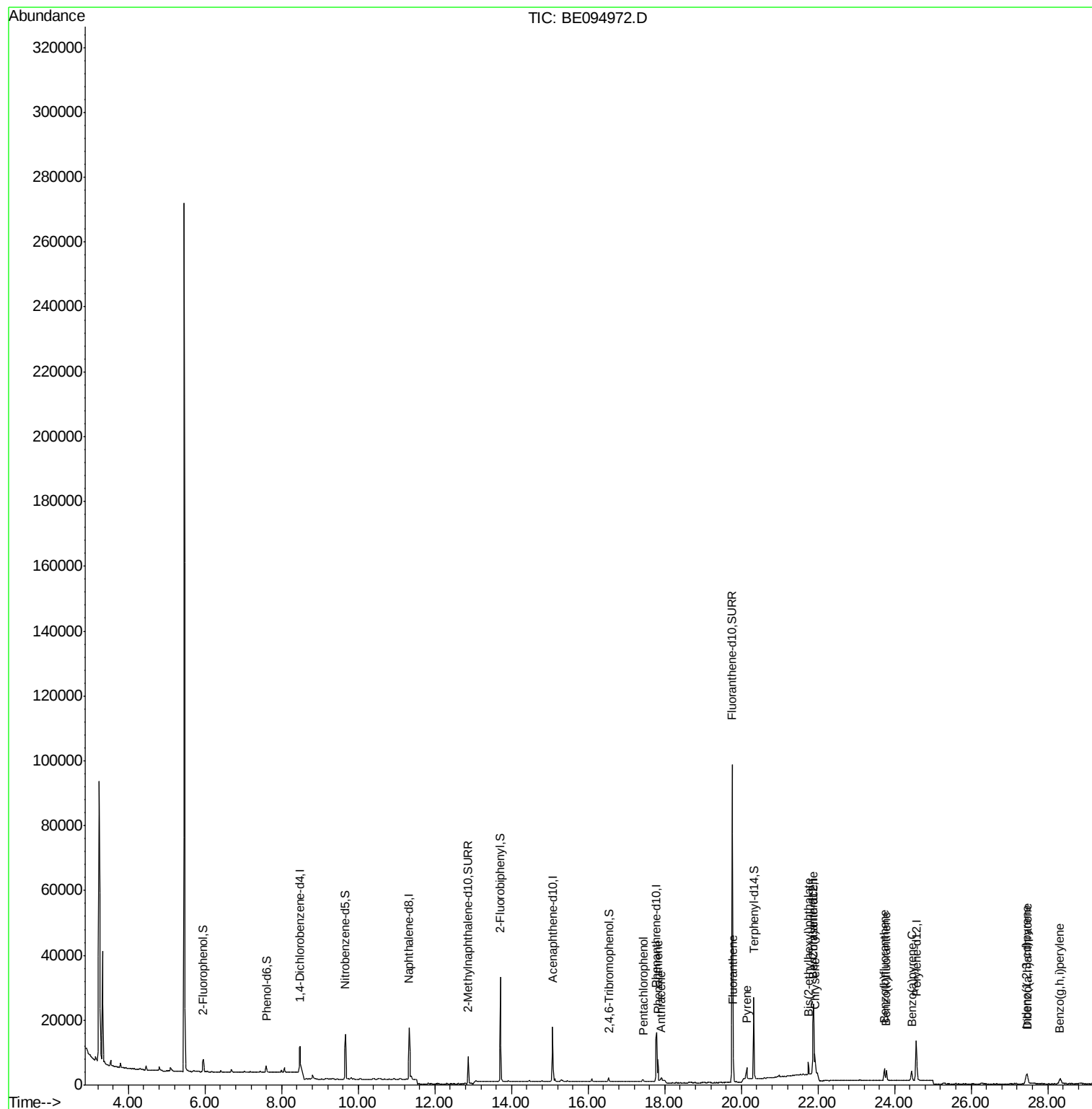
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE121117\
Data File : BE094972.D
Acq On : 11 Dec 2017 13:18
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ALS Vial : 3 Sample Multiplier: 1

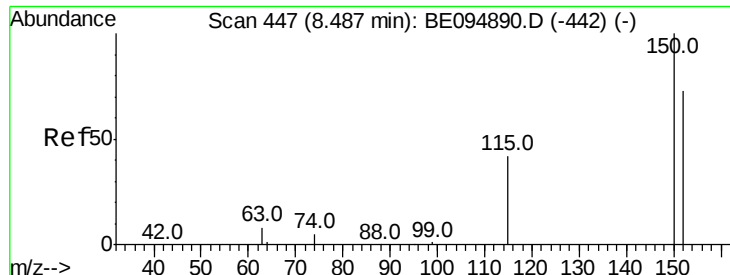
Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Dec 11 15:52:48 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
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#1

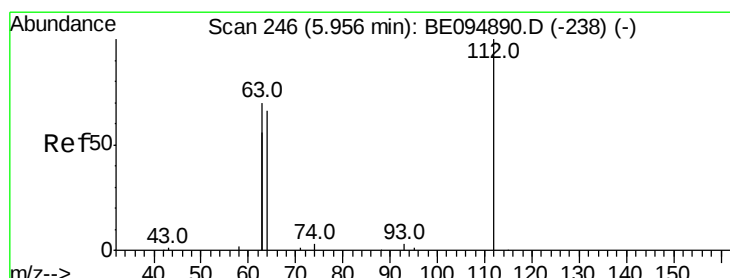
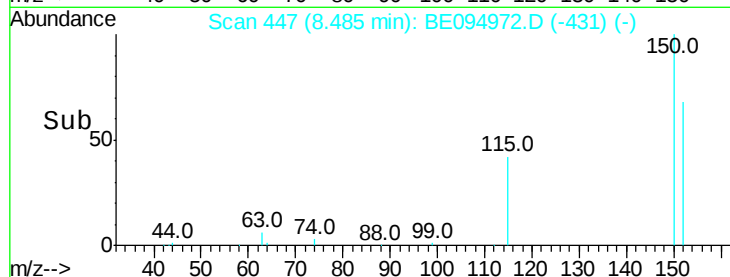
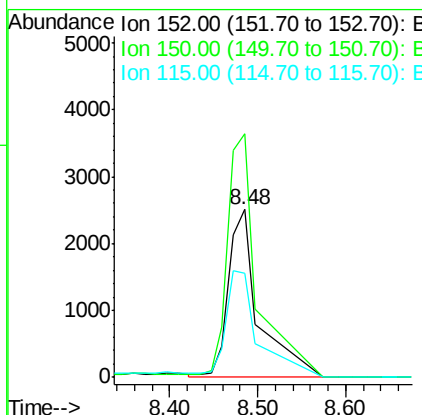
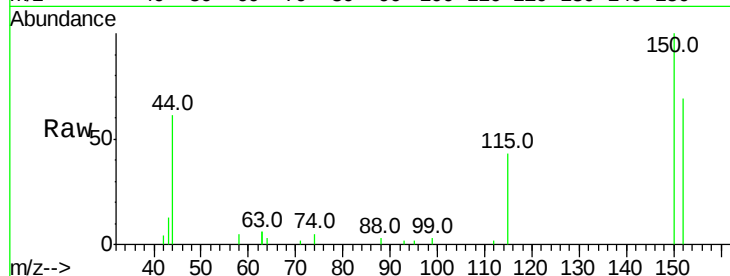
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	117.2	175.8
115	62.1	57.0	85.6

Manual Integrations
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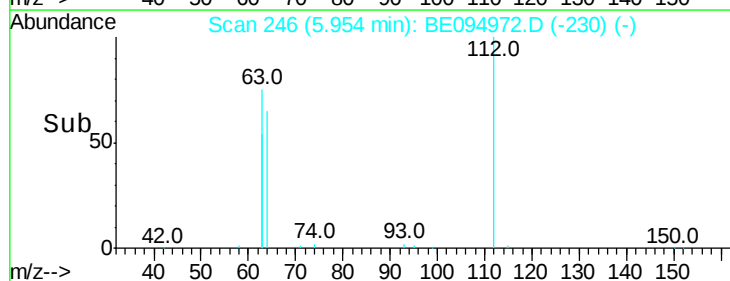
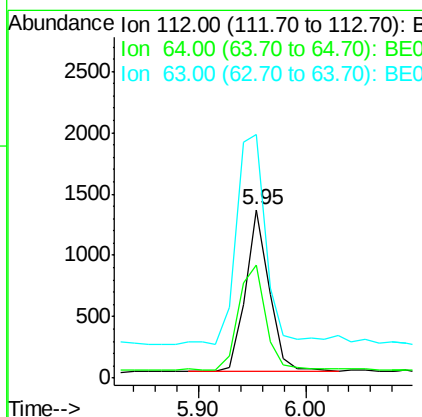
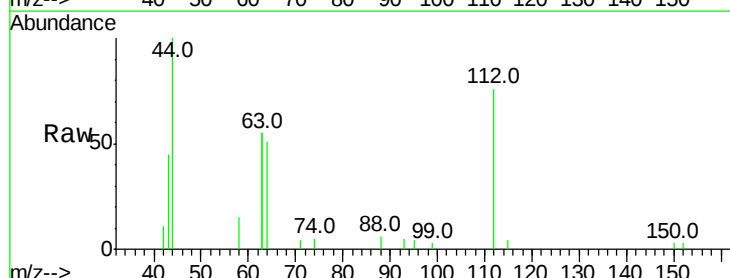
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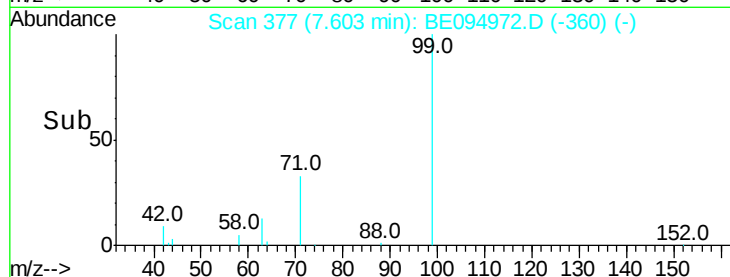
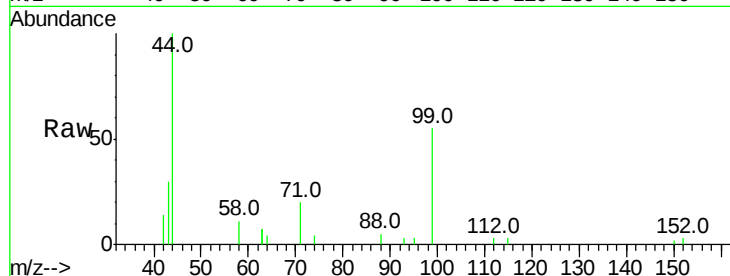
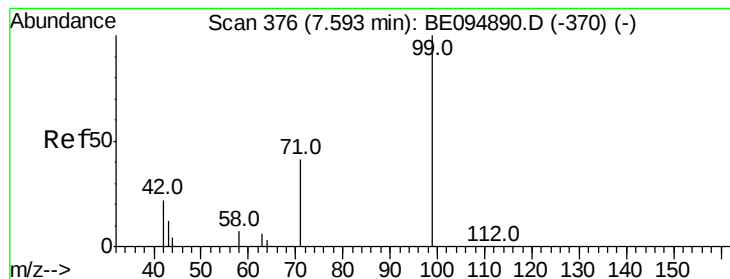


#4

2-Fluorophenol
Concen: 0.169 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.0	60.1	90.1
63	160.9	116.8	175.2





#5

Phenol-d6

Concen: 0.121 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094972.D

Acq: 11 Dec 2017 13:18

Tot Ion:	99	Resp:	2164
Ion	Ratio	Lower	Upper
99	100		
42	26.2	20.2	30.2
71	41.0	28.4	42.6

Instrument :

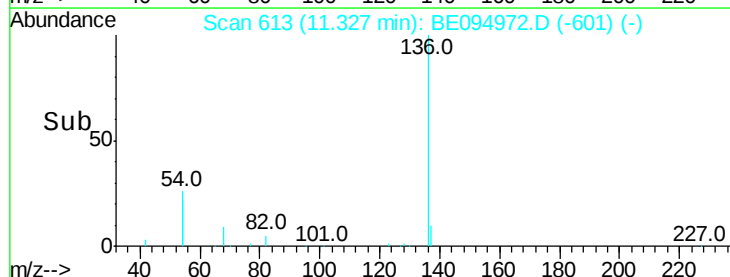
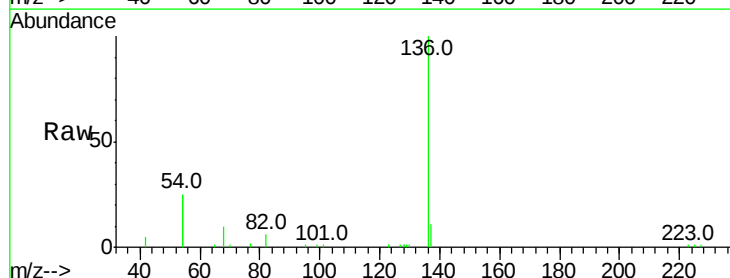
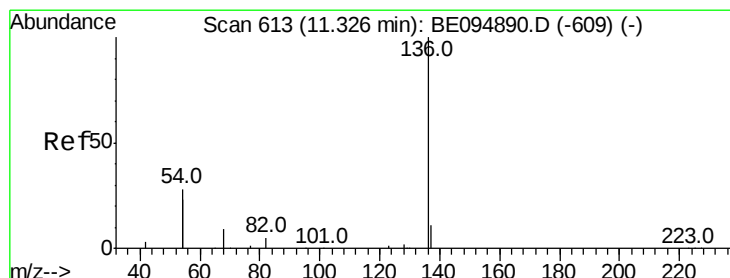
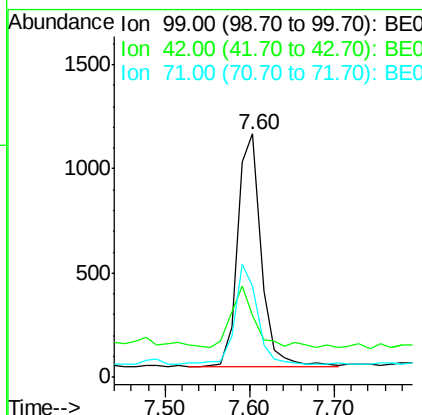
BNA_E

ClientSampleId :

FT-PZ-456S-20171204

Manual Integrations
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#7

Naphthalene-d8

Concen: 0.400 ng

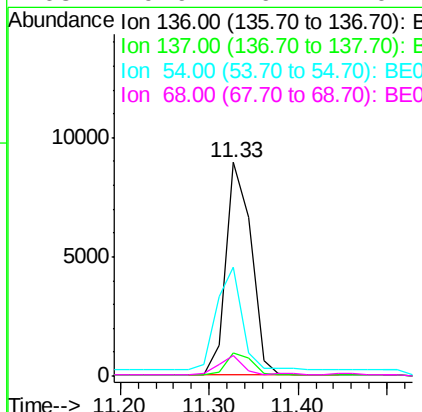
RT: 11.33 min Scan# 613

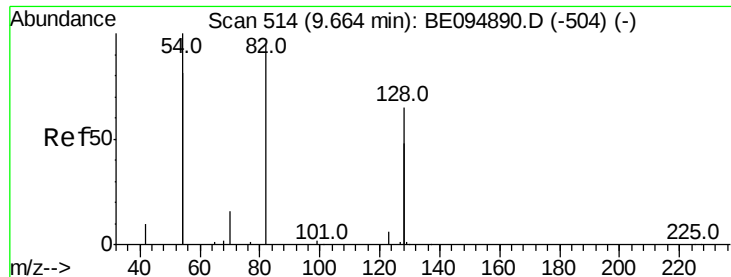
Delta R.T. 0.00 min

Lab File: BE094972.D

Acq: 11 Dec 2017 13:18

Tgt Ion:	136	Resp:	17599
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.5	14.3
54	50.9	29.1	43.7#
68	9.9	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.578 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094972.D

Acq: 11 Dec 2017 13:18

Instrument :

BNA_E

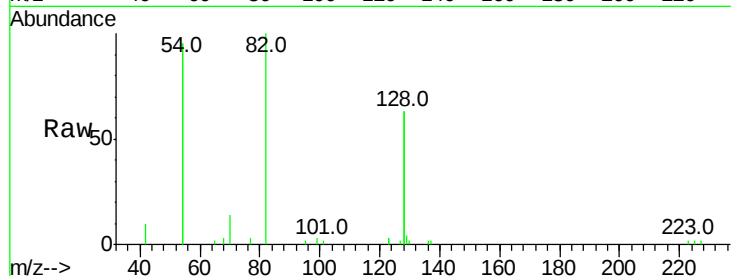
ClientSampleId :

FT-PZ-456S-20171204

Tot Ion:	82	Resp:	6021
Ion Ratio	Lower	Upper	
82	100		
128	126.2	150.0	225.0#
54	190.9	154.2	231.4

Manual Integrations
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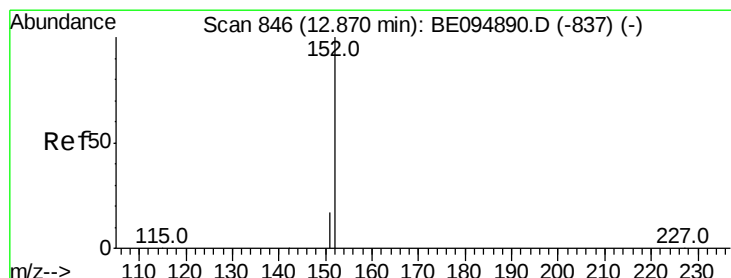
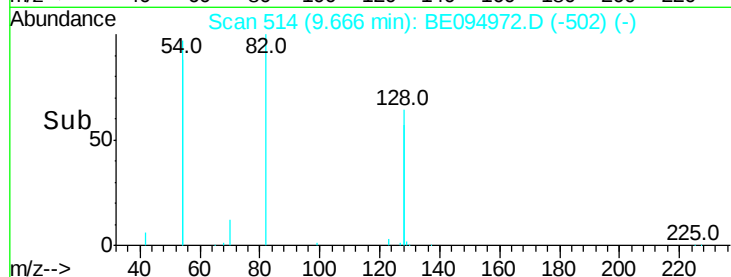
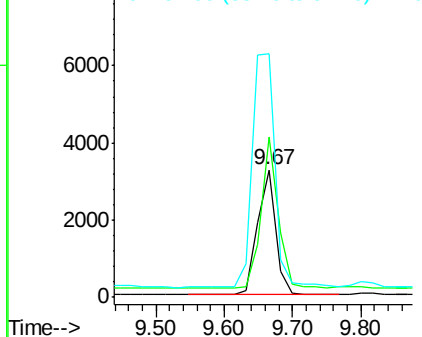
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Abundance Ion 82.00 (81.70 to 82.70): BE094972.D (-502) (-)

Ion 128.00 (127.70 to 128.30): BE094972.D (-502) (-)

Ion 54.00 (53.70 to 54.30): BE094972.D (-502) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

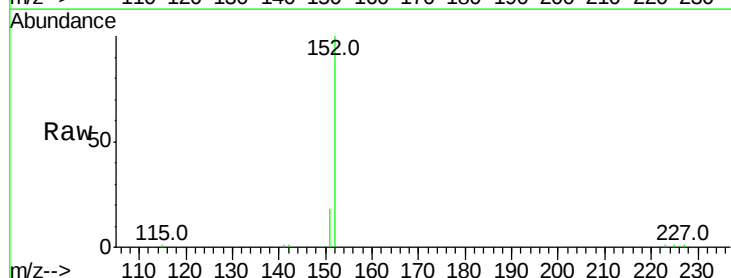
RT: 12.87 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE094972.D

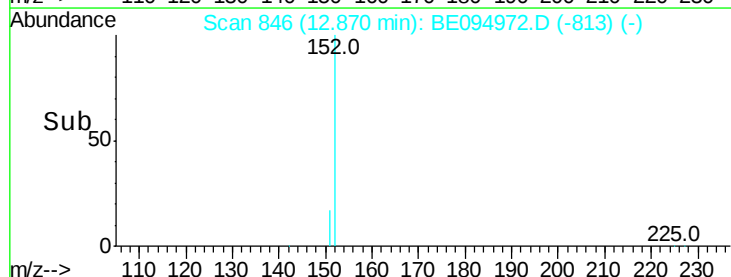
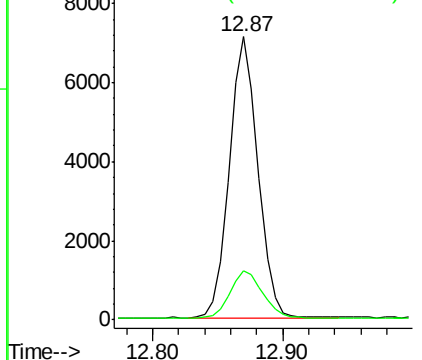
Acq: 11 Dec 2017 13:18

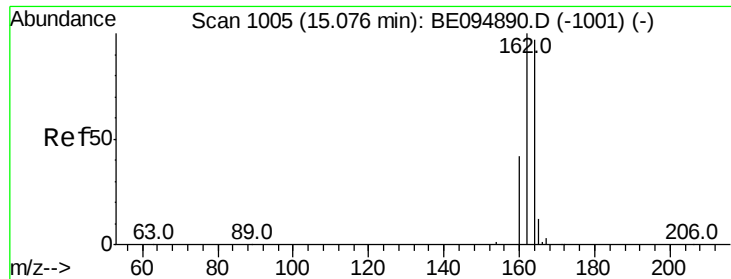
Tgt Ion:	152	Resp:	10887
Ion Ratio	Lower	Upper	
152	100		
151	18.7	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.30): BE094972.D (-813) (-)

Ion 151.00 (150.70 to 151.30): BE094972.D (-813) (-)





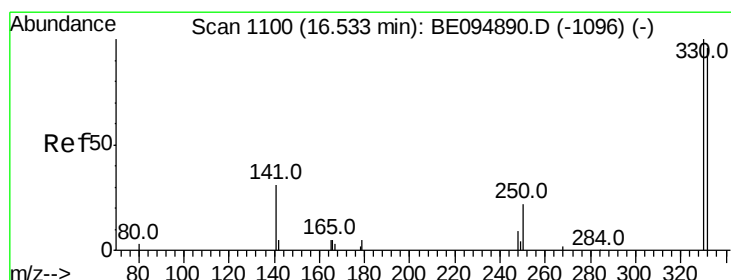
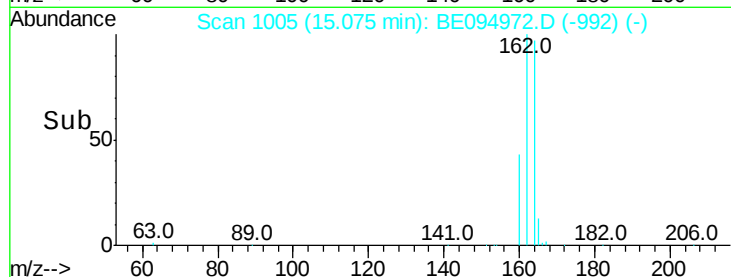
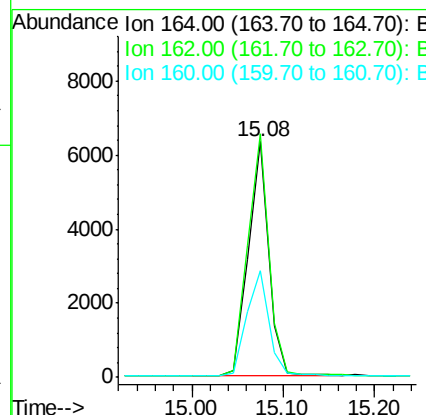
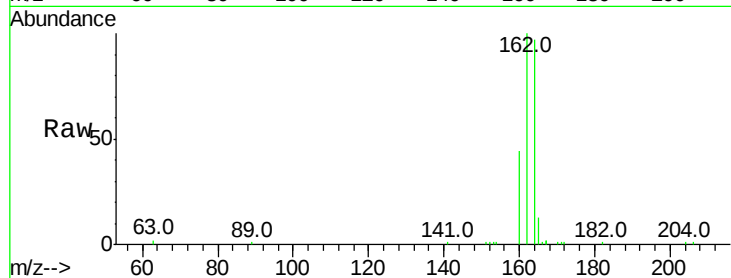
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.1	124.7
160	45.2	37.1	55.7

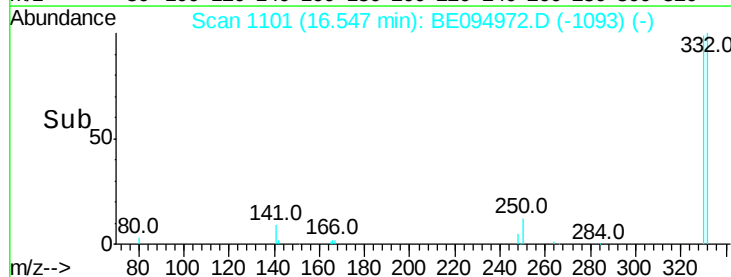
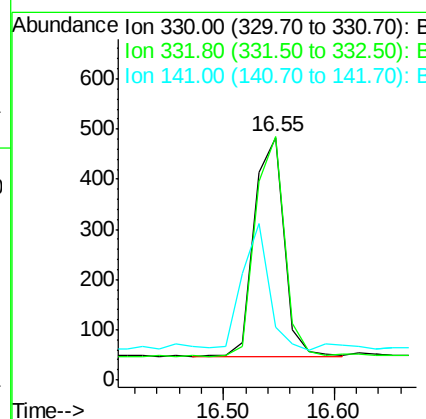
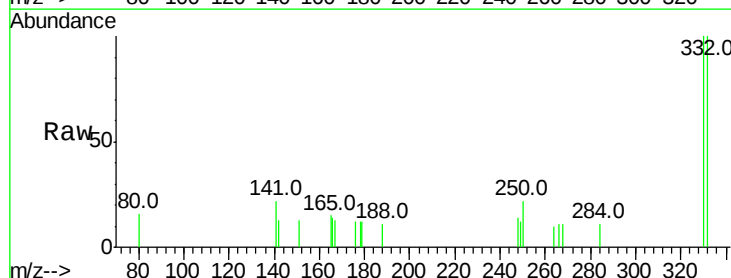
Manual Integrations
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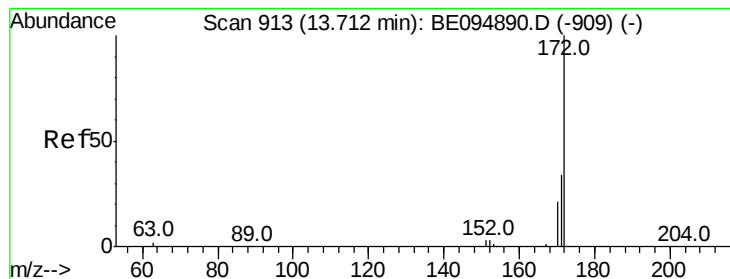
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#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 16.55 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.6	152.7	229.1#
141	52.5	33.7	50.5#





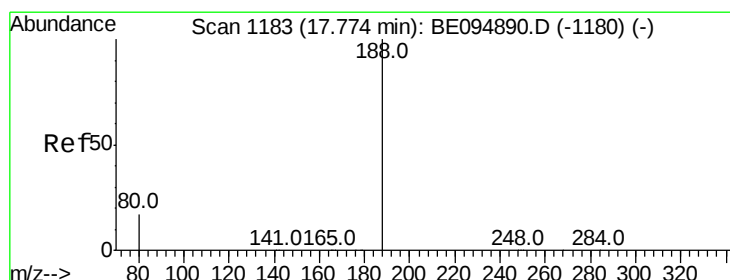
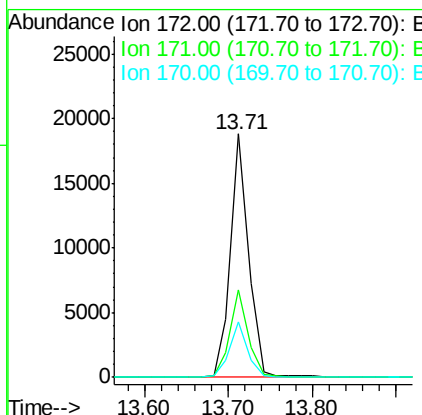
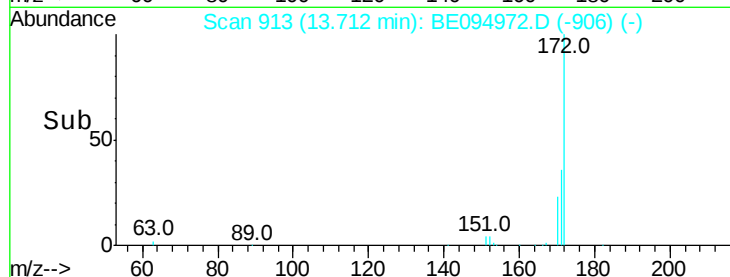
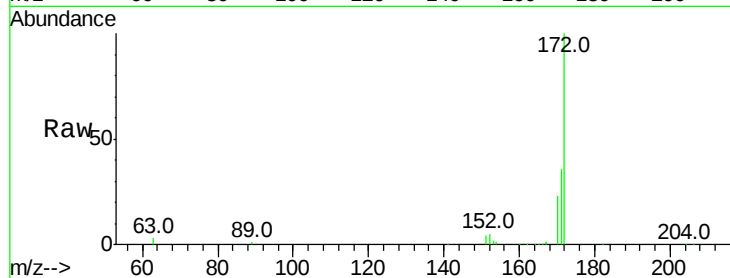
#15
2-Fluorobiphenyl
Concen: 0.661 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	22.8	21.8	32.8

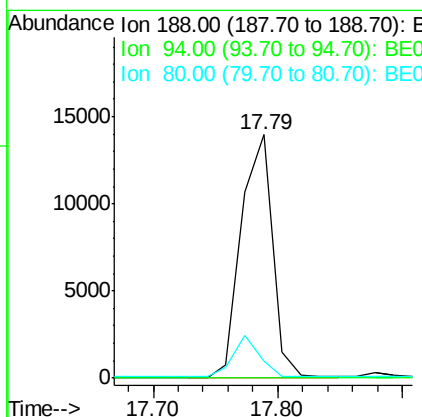
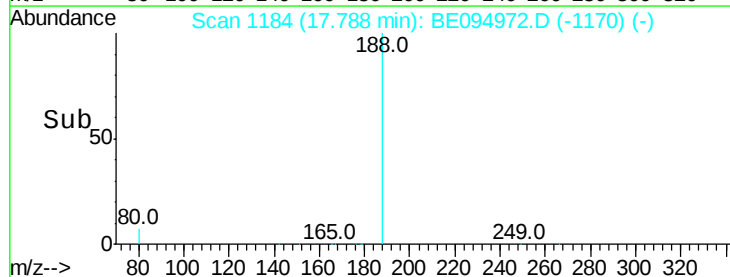
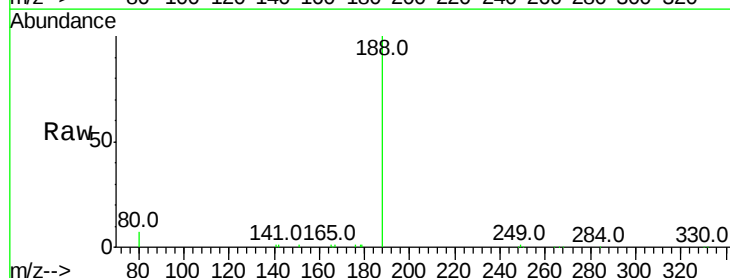
Manual Integrations
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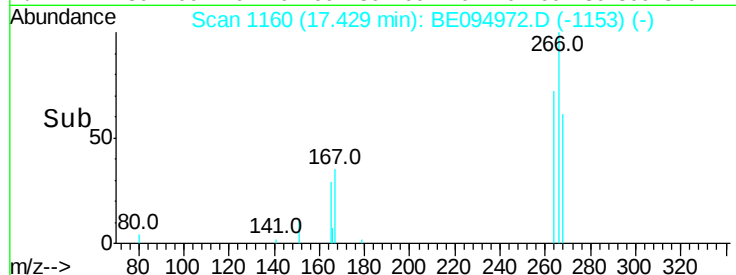
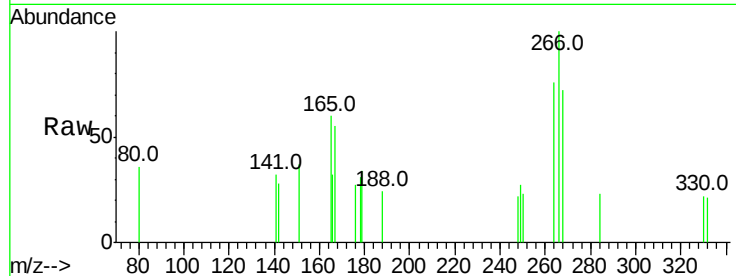
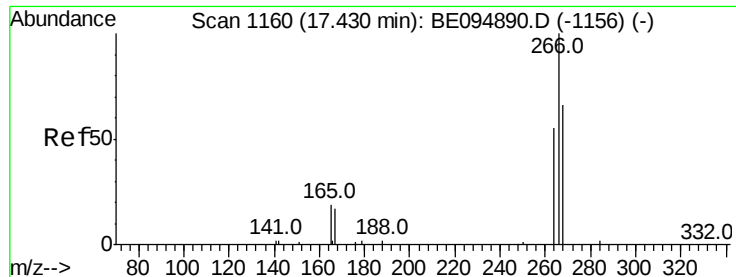
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.79 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.2	3.6	5.4#





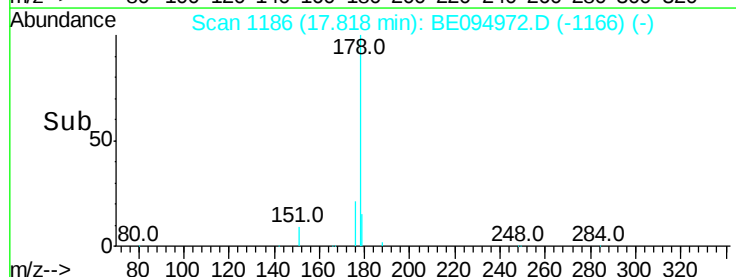
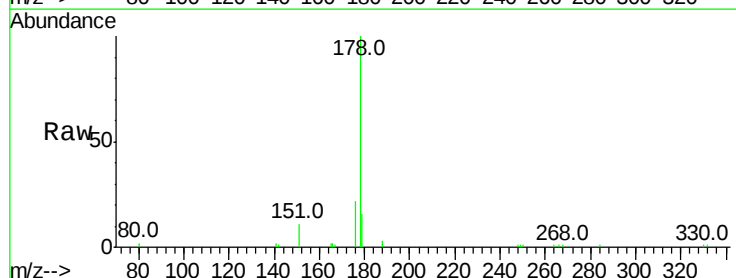
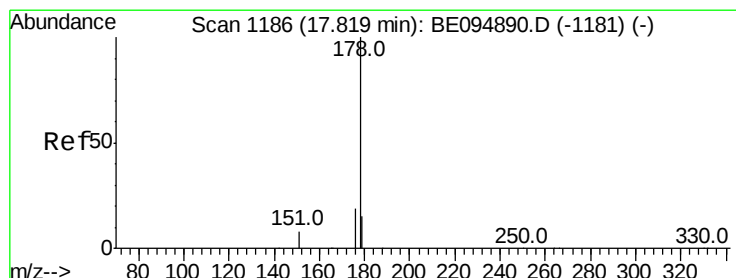
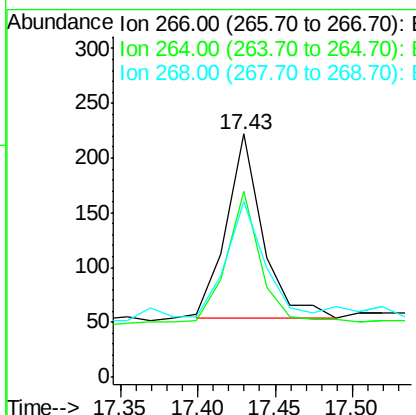
#22
 Pentachlorophenol
 Concen: 0.196 ng m
 RT: 17.43 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BE094972.D
 Acq: 11 Dec 2017 13:18

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

Tot Ion	Ratio	Lower	Upper
266	100		
264	76.1	72.5	108.7
268	72.1	73.8	110.6

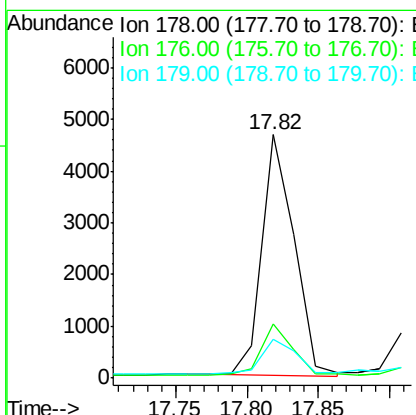
Manual Integrations
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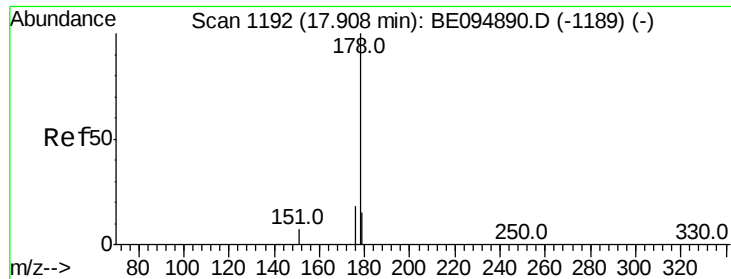
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#23
 Phenanthrene
 Concen: 0.096 ng
 RT: 17.82 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BE094972.D
 Acq: 11 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.1	22.7
179	15.6	11.8	17.6





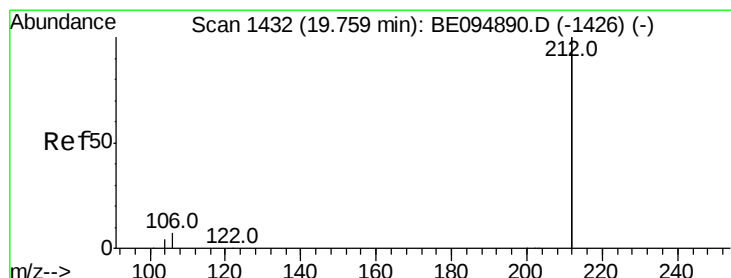
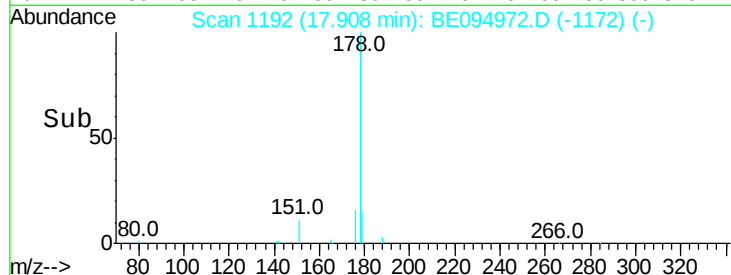
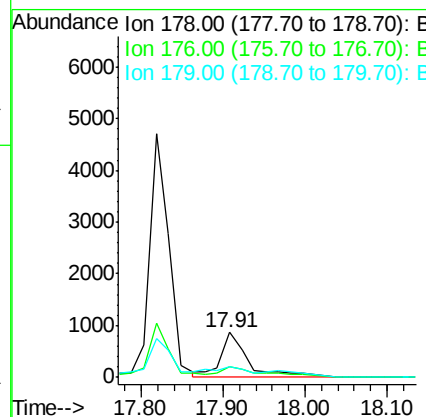
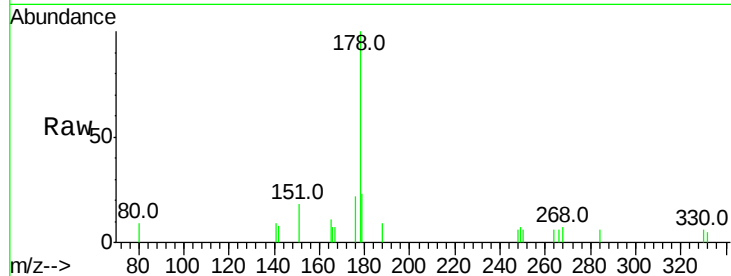
#24
 Anthracene
 Concen: 0.027 ng
 RT: 17.91 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BE094972.D
 Acq: 11 Dec 2017 13:18

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	35.6	12.8	19.2#
179	10.8	13.0	19.6#

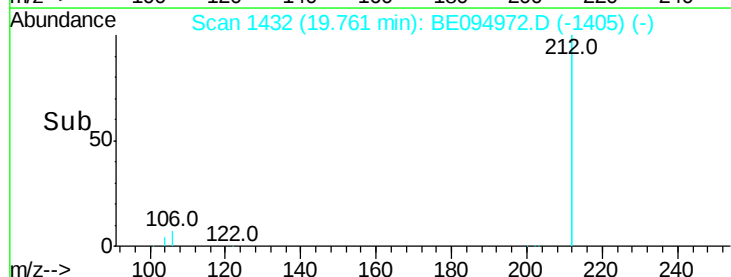
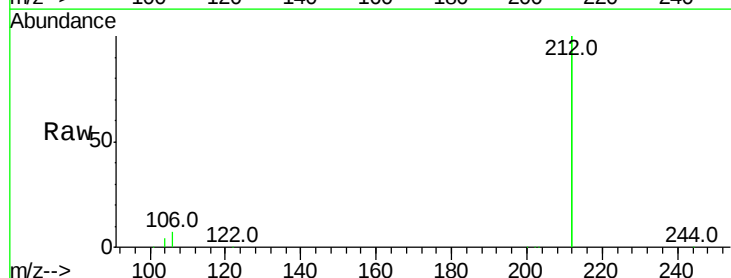
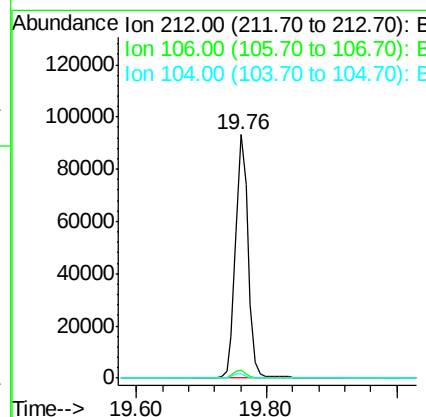
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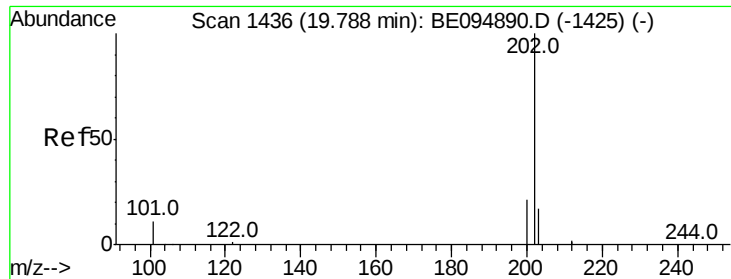
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#25
 Fluoranthene-d10
 Concen: 0.376 ng
 RT: 19.76 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE094972.D
 Acq: 11 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	1.6	2.4





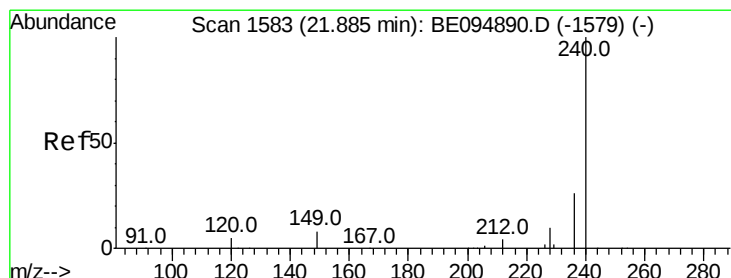
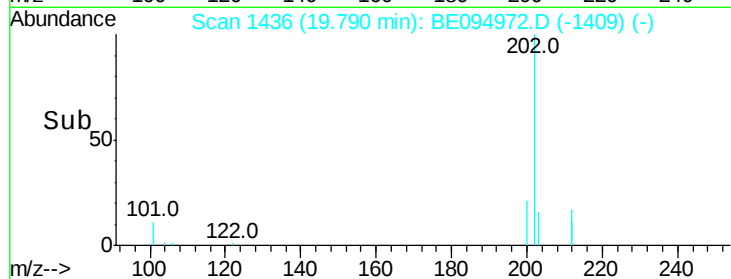
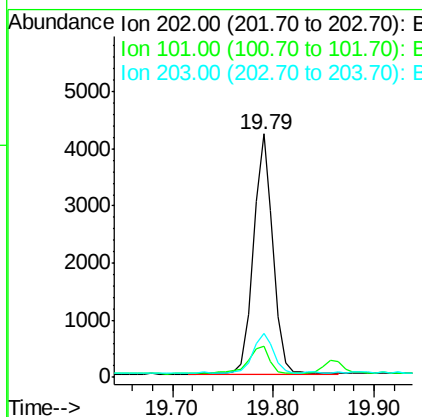
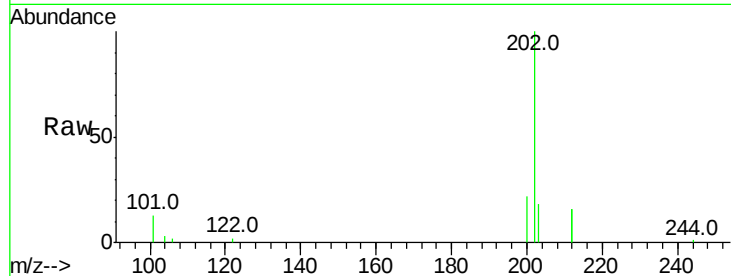
#26
Fluoranthene
 Concen: 0.058 ng
 RT: 19.79 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE094972.D
 Acq: 11 Dec 2017 13:18

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

Tot Ion	Ratio	Resp	Lower	Upper
202	100	5699		
101	13.1		9.8	14.8
203	16.8		13.7	20.5

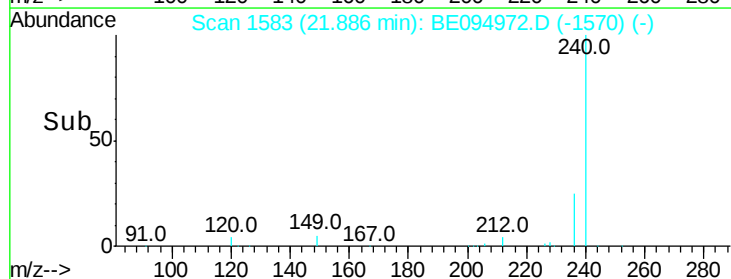
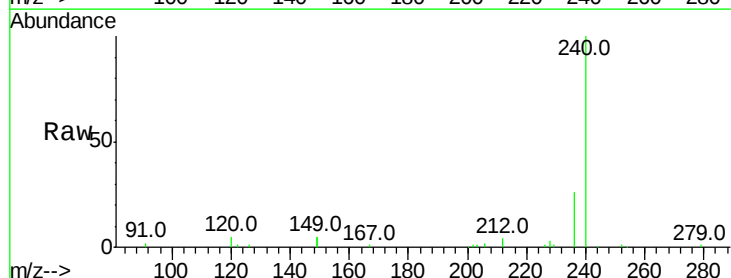
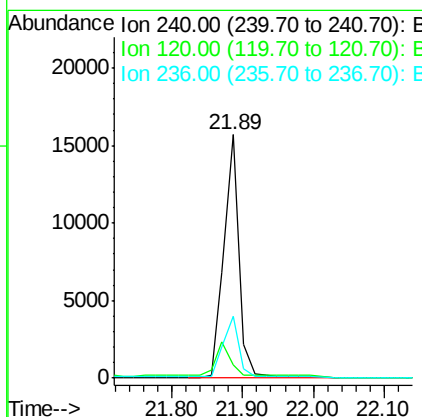
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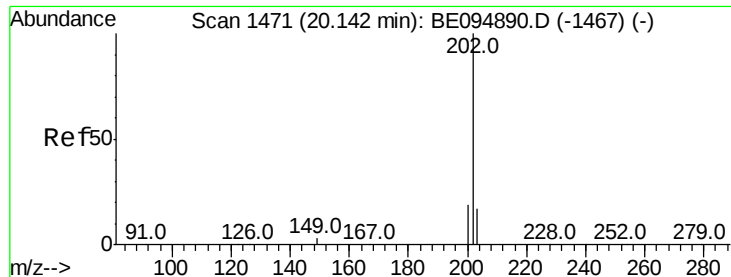
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#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.89 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BE094972.D
 Acq: 11 Dec 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	25117		
120	5.2		5.5	8.3#
236	25.6		20.7	31.1





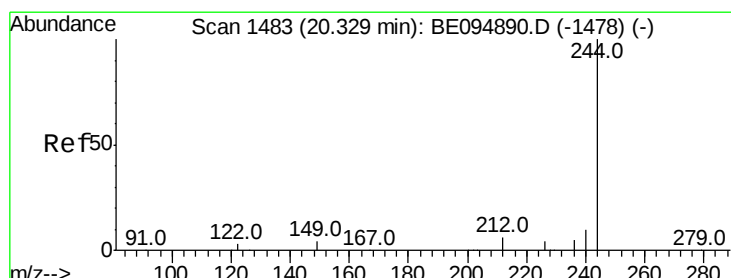
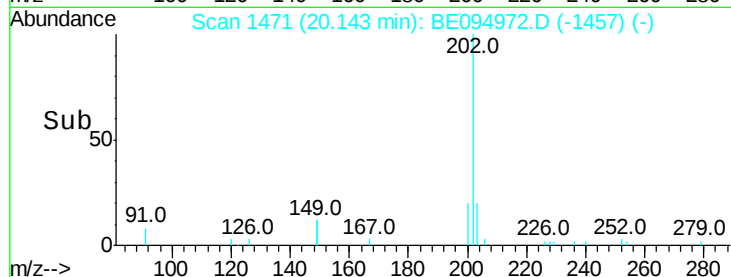
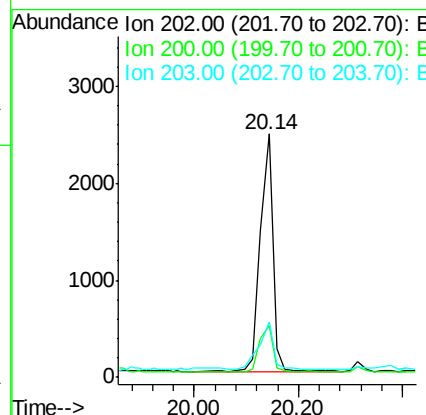
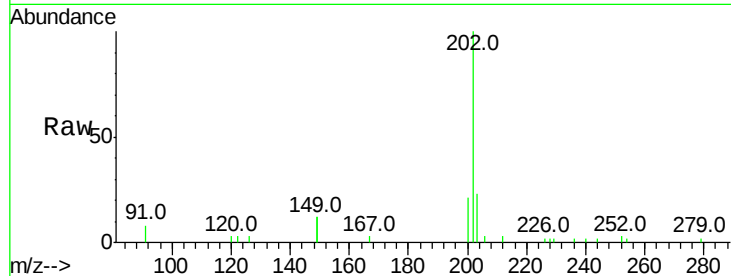
#28
Pvrene
Concen: 0.055 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	18.6	16.6	25.0
203	19.6	13.8	20.8

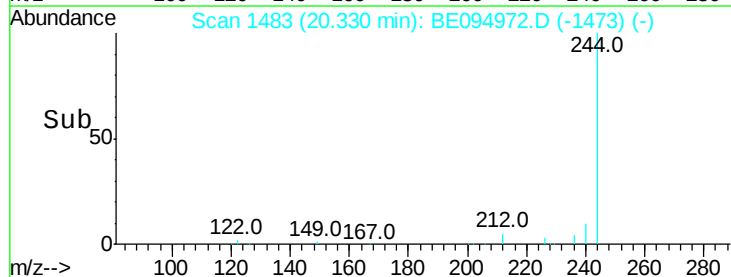
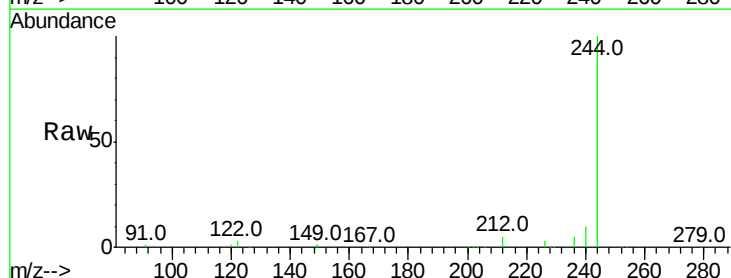
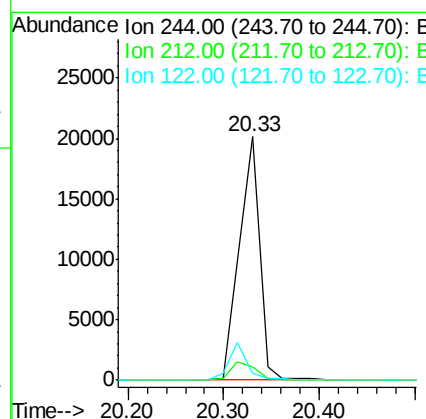
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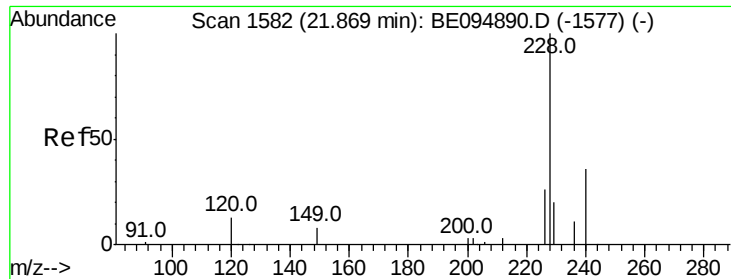
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#29
Terphenyl-d14
Concen: 0.629 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.4	25.4	38.0#
122	2.5	8.1	12.1#





#30

Benzo(a)anthracene

Concen: 0.069 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094972.D

Acq: 11 Dec 2017 13:18

Instrument :

BNA_E

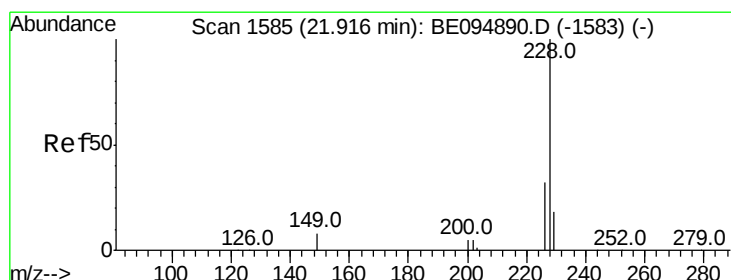
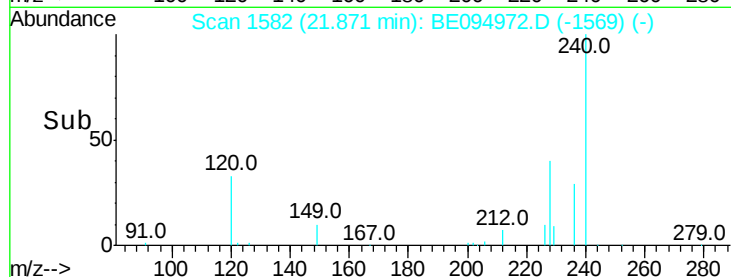
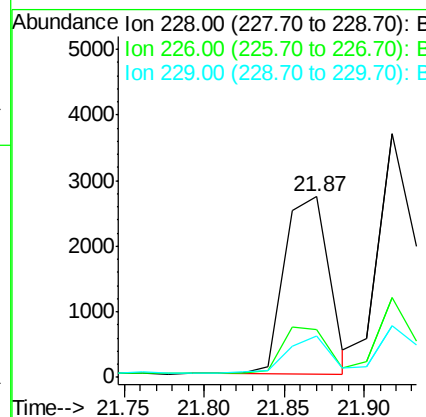
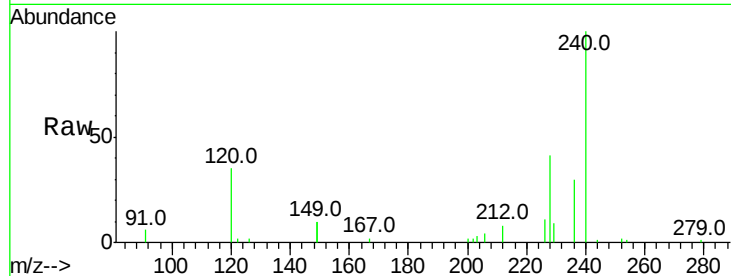
ClientSampleId :

FT-PZ-456S-20171204

Tot Ion:228	Resp:	5332
Ion Ratio	Lower	Upper
228	100	
226	26.6	40.0 60.0#
229	23.2	40.0 60.0#

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#31

Chrysene

Concen: 0.079 ng

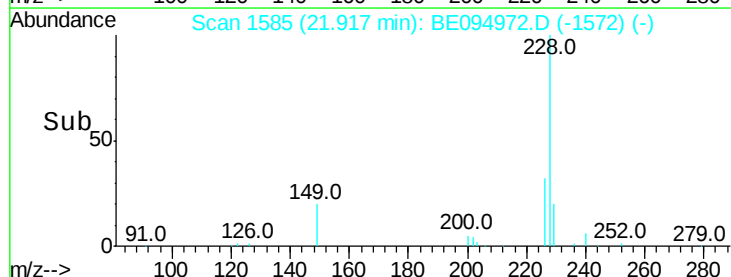
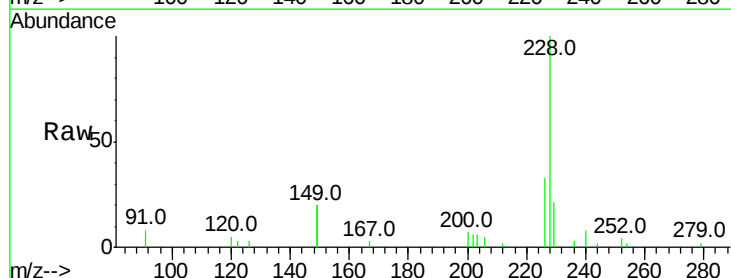
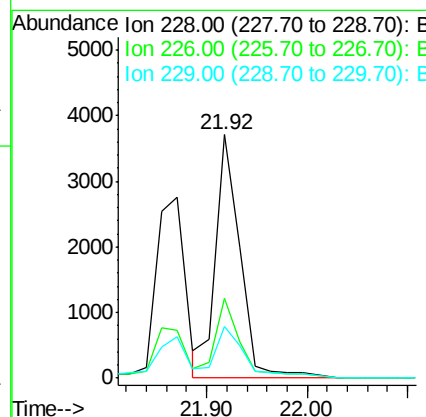
RT: 21.92 min Scan# 1585

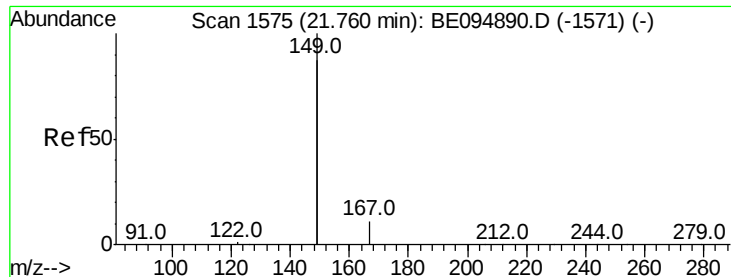
Delta R.T. 0.00 min

Lab File: BE094972.D

Acq: 11 Dec 2017 13:18

Tgt Ion:228	Resp:	6724
Ion Ratio	Lower	Upper
228	100	
226	32.6	40.0 60.0#
229	21.1	40.0 60.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng

RT: 21.75 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BE094972.D

Acq: 11 Dec 2017 13:18

Instrument :

BNA_E

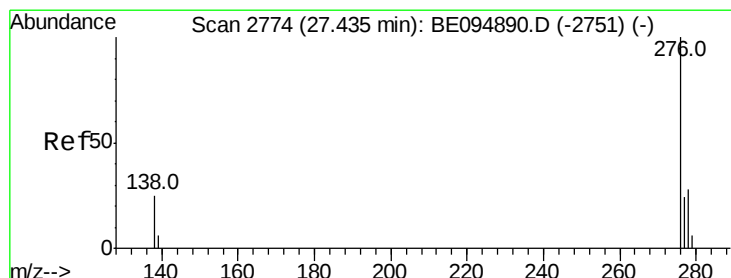
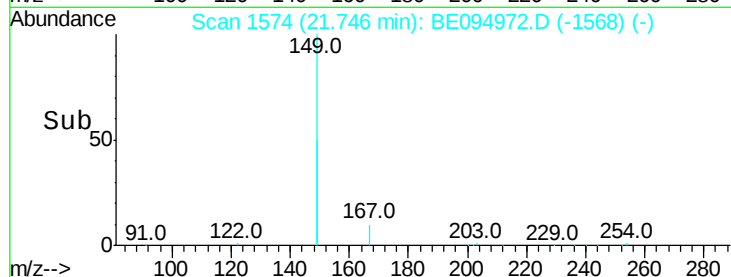
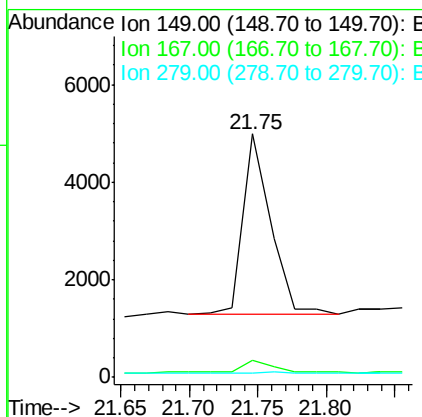
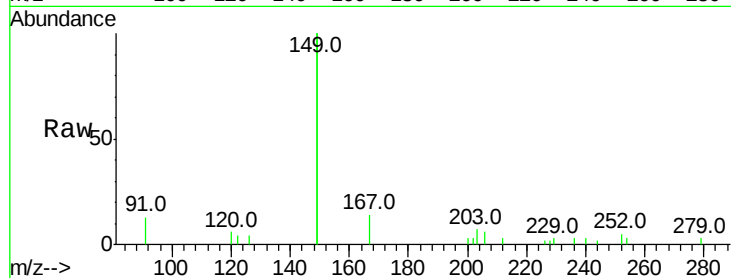
ClientSampleId :

FT-PZ-456S-20171204

Tot Ion:	149	Resp:	5251
Ion Ratio	Lower	Upper	
149	100		
167	6.6	5.4	8.0
279	1.2	0.7	1.1#

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#33

Indeno(1,2,3-cd)pyrene

Concen: 0.071 ng

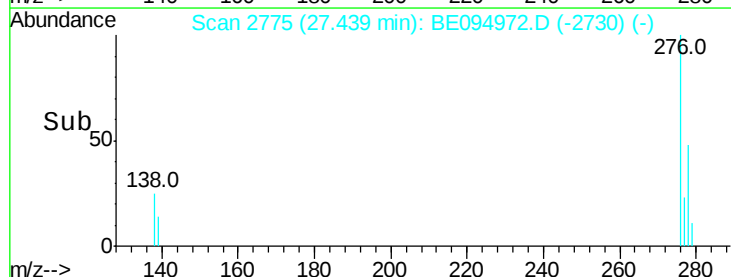
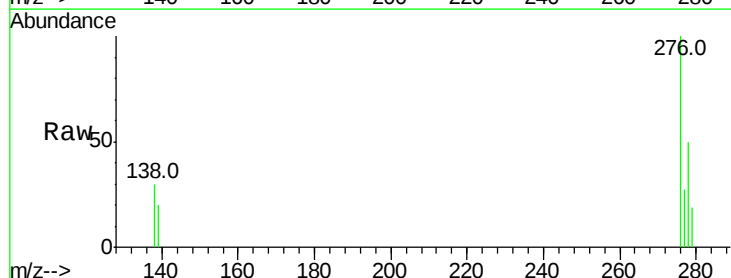
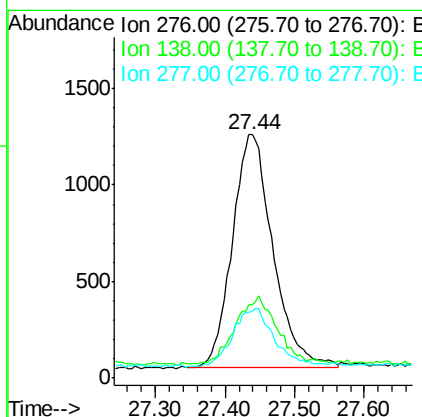
RT: 27.44 min Scan# 2775

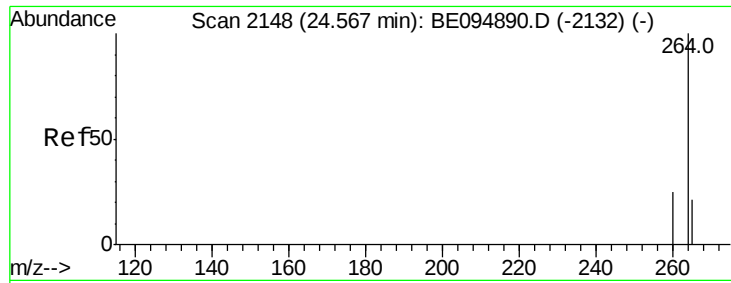
Delta R.T. 0.00 min

Lab File: BE094972.D

Acq: 11 Dec 2017 13:18

Tgt Ion:	276	Resp:	4913
Ion Ratio	Lower	Upper	
276	100		
138	28.4	22.5	33.7
277	25.5	19.9	29.9





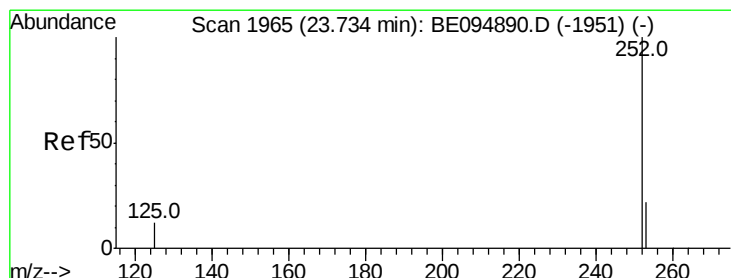
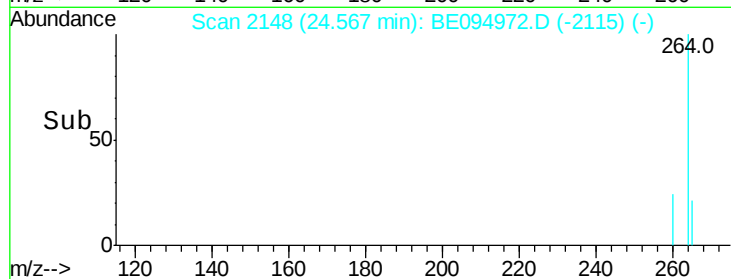
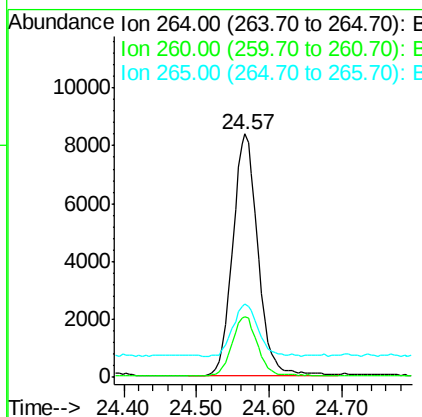
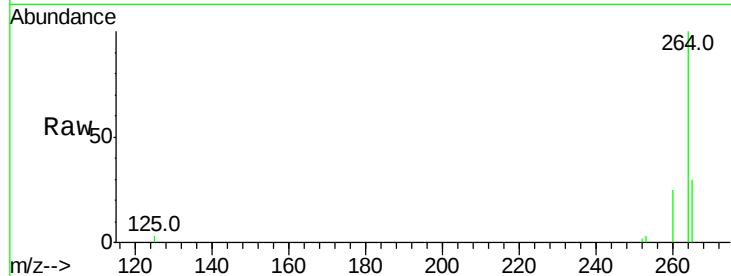
#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.57 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BE094972.D
 Acq: 11 Dec 2017 13:18

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	30.1	22.8	34.2

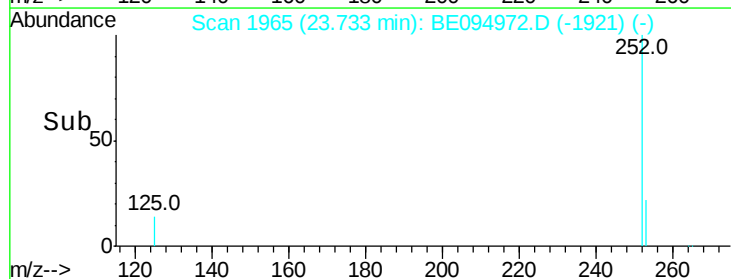
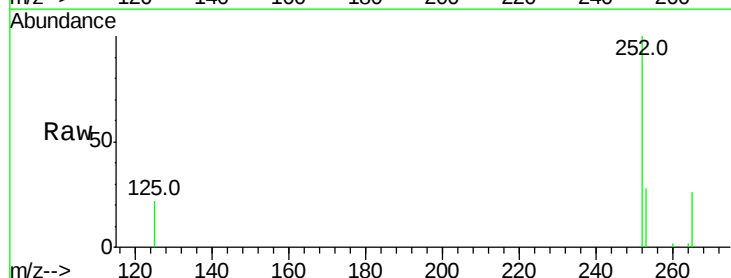
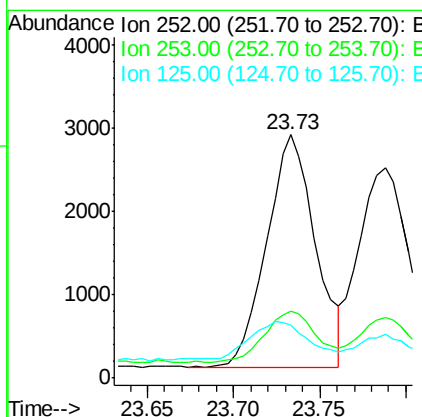
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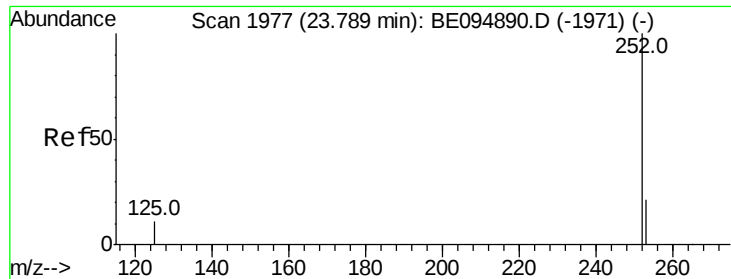
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#35
 Benzo(b)fluoranthene
 Concen: 0.075 ng
 RT: 23.73 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BE094972.D
 Acq: 11 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	48.0	72.0#
125	21.9	56.0	84.0#





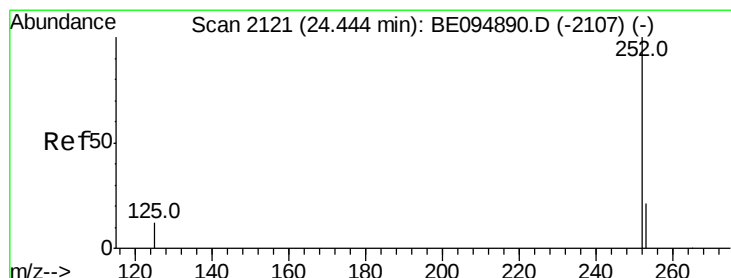
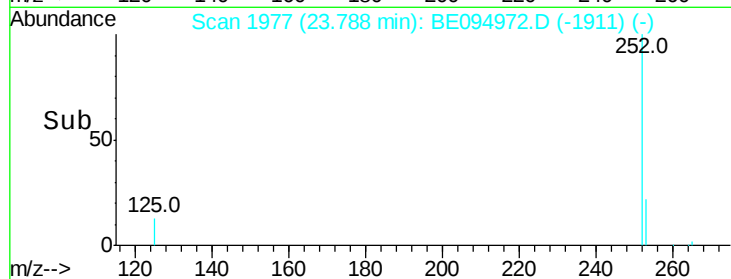
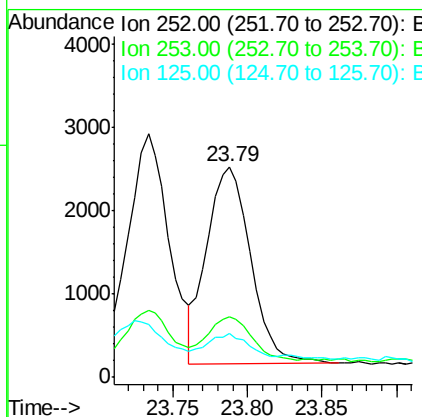
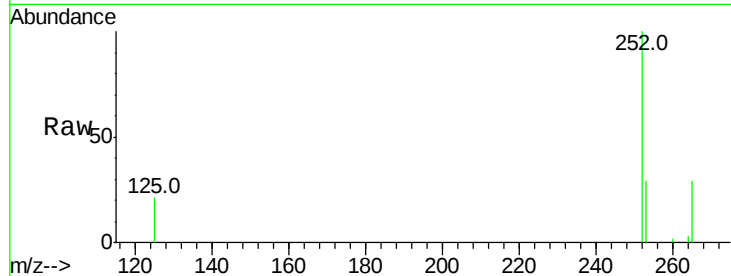
#36
Benzo(k)fluoranthene
Concen: 0.065 ng
RT: 23.79 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.5	48.0	72.0#
125	20.6	56.0	84.0#

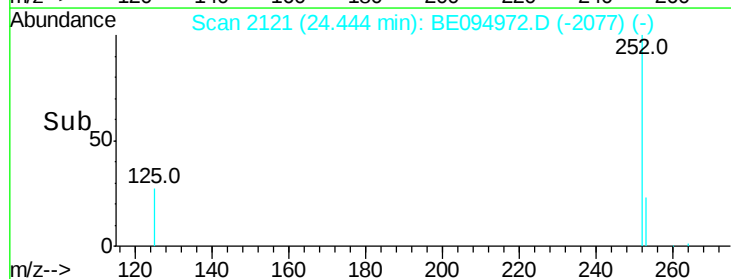
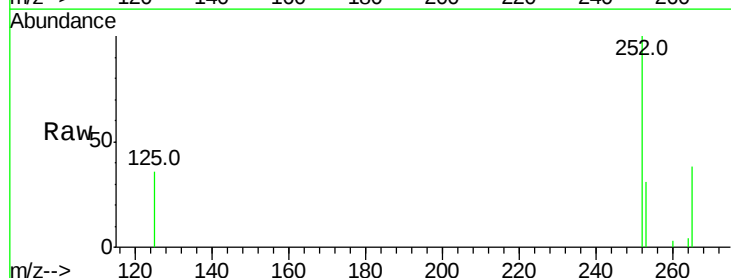
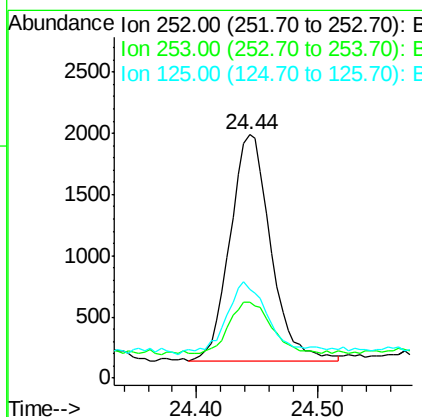
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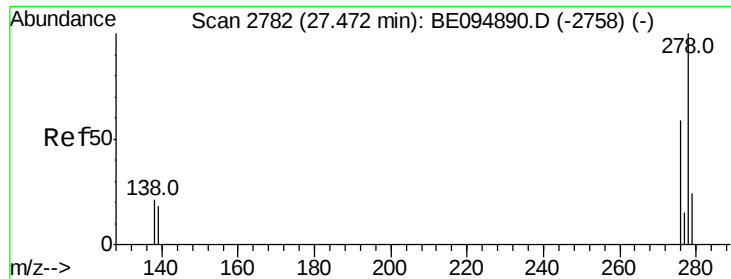
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#37
Benzo(a)pyrene
Concen: 0.066 ng
RT: 24.44 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	52.0	78.0#
125	36.3	68.0	102.0#





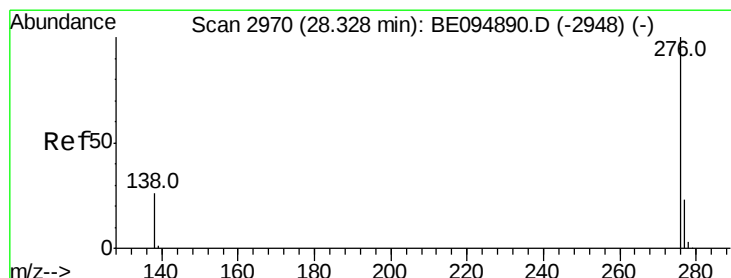
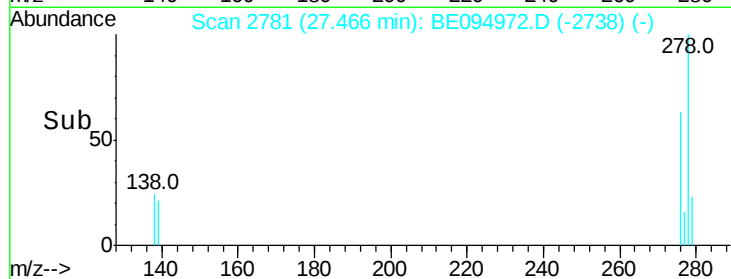
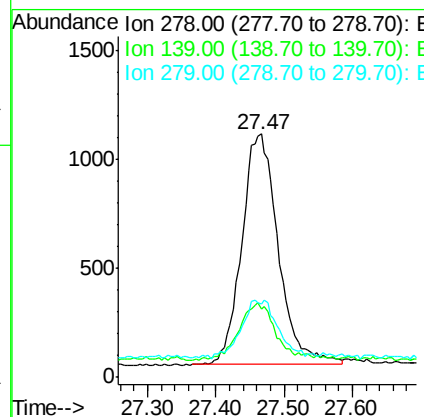
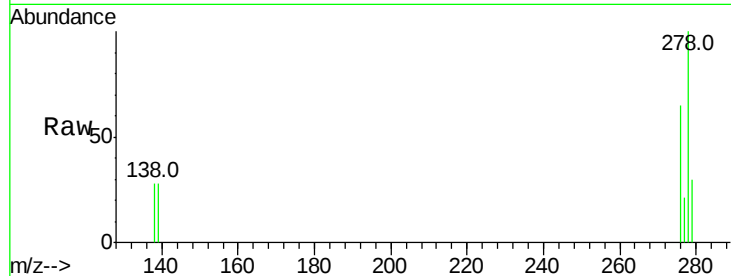
#38
Dibenzo(a,h)anthracene
Concen: 0.066 ng
RT: 27.47 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.9	56.0	84.0#
279	30.2	52.0	78.0#

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#39
Benzo(g,h,i)perylene
Concen: 0.072 ng
RT: 28.32 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BE094972.D
Acq: 11 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.9	52.0	78.0#
138	28.9	44.0	66.0#

