

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
 Data File : BE094956.D
 Acq On : 8 Dec 2017 19:32
 Operator : SJ/JU
 Sample : I6740-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-455S-20171202

Manual Integrations
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Sohil
 12/11/2017 6:18:07 PM

Quant Time: Dec 09 01:31:57 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	7462	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	16016	0.40	ng	0.00
13) Acenaphthene-d10	15.07	164	9024	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	21906	0.40	ng	0.00
27) Chrysene-d12	21.89	240	21607m	0.40	ng	0.00
34) Perylene-d12	24.56	264	18807	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	1791	0.15	ng	0.00
5) Phenol-d6	7.60	99	2058	0.12	ng	0.00
8) Nitrobenzene-d5	9.66	82	5381	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9825	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	825	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	21920	0.57	ng	0.00
25) Fluoranthene-d10	19.76	212	113024	0.38	ng	0.00
29) Terphenyl-d14	20.33	244	27509	0.69	ng	0.00
Target Compounds						
17) Acenaphthene	15.13	154	2042	0.062	ng	Qvalue 90
18) Fluorene	16.10	166	2517	0.060	ng	# 78
23) Phenanthrene	17.82	178	4493	0.064	ng	# 93
26) Fluoranthene	19.79	202	3739	0.042	ng	# 95
28) Pyrene	20.14	202	3031	0.041	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.75	149	9175	0.084	ng	99

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

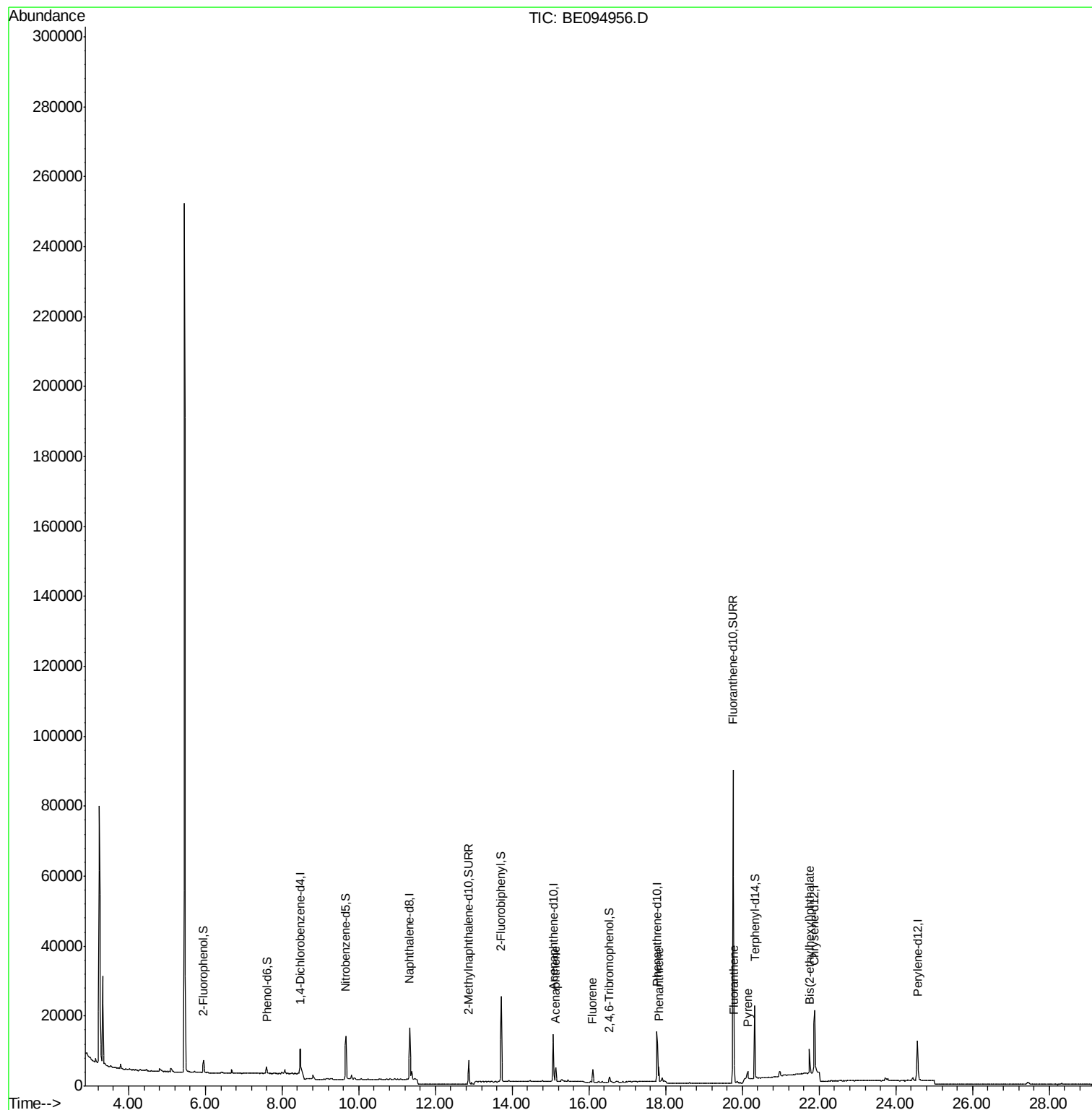
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094956.D
Acq On : 8 Dec 2017 19:32
Operator : SJ/JU
Sample : I6740-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

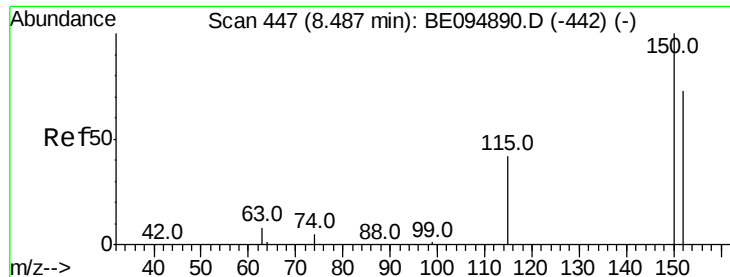
Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

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

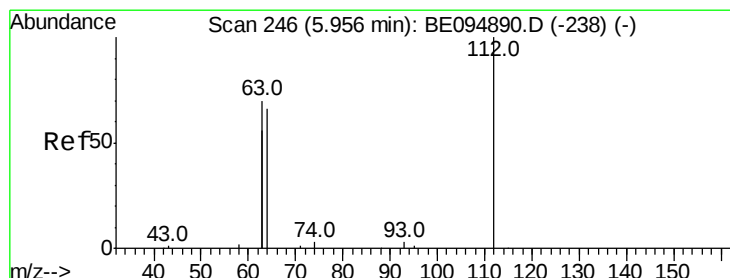
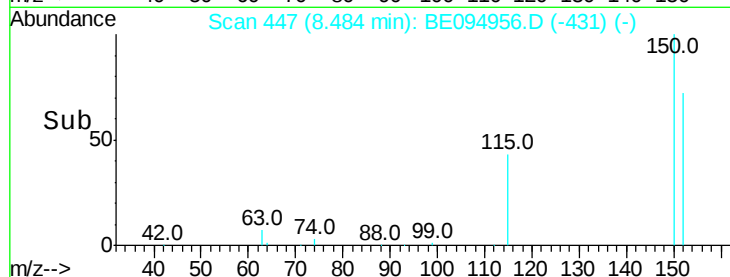
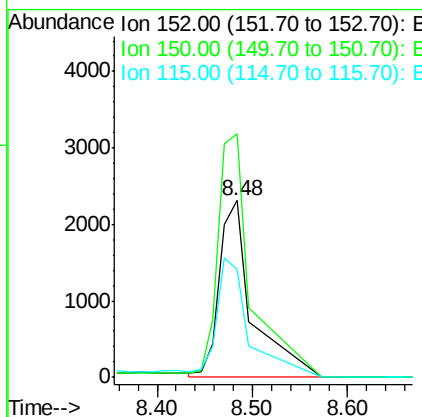
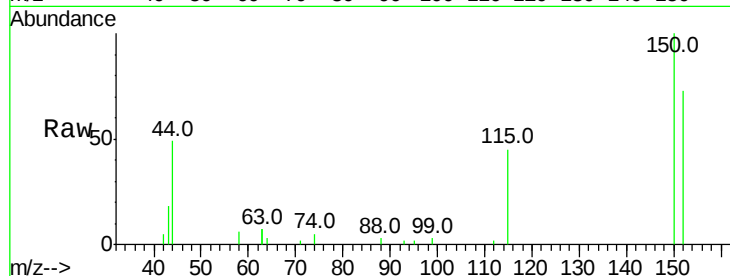
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.6	117.2	175.8
115	61.4	57.0	85.6

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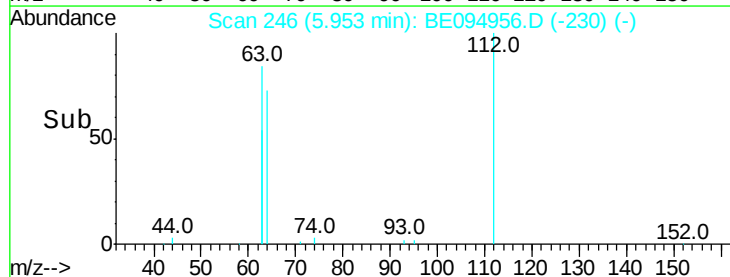
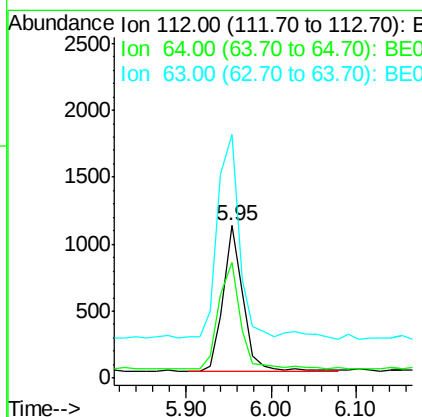
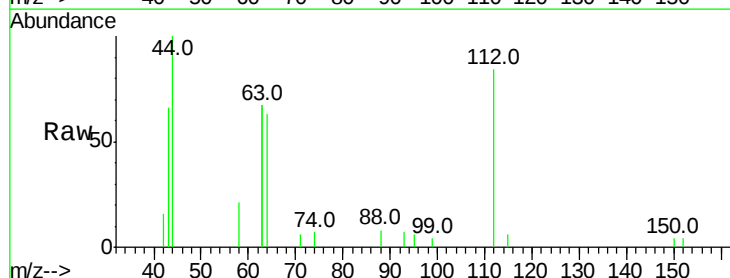
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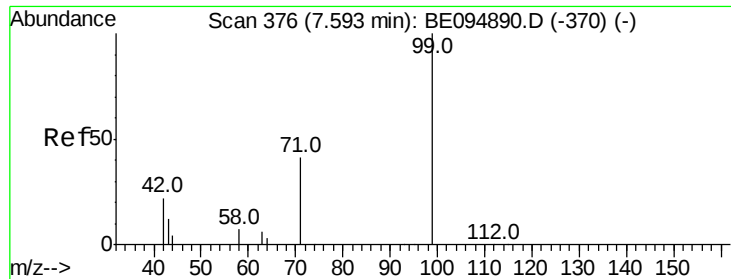


#4

2-Fluorophenol
Concen: 0.152 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.9	60.1	90.1
63	156.2	116.8	175.2





#5

Phenol-d6

Concen: 0.118 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094956.D

Acq: 8 Dec 2017 19:32

Instrument :

BNA_E

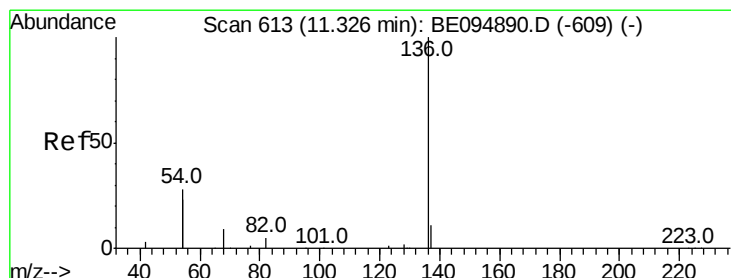
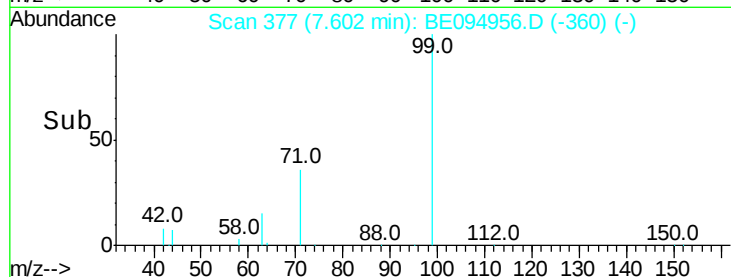
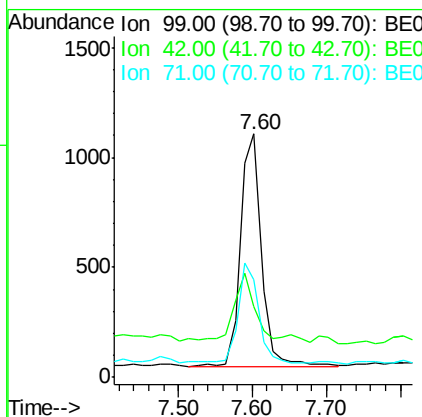
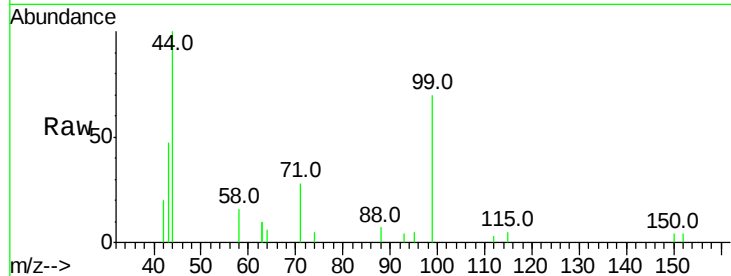
ClientSampleId :

FT-PZ-455S-20171202

Tot Ion:	99	Resp:	2058
Ion	Ratio	Lower	Upper
99	100		
42	31.6	20.2	30.2#
71	42.4	28.4	42.6

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#7

Naphthalene-d8

Concen: 0.400 ng

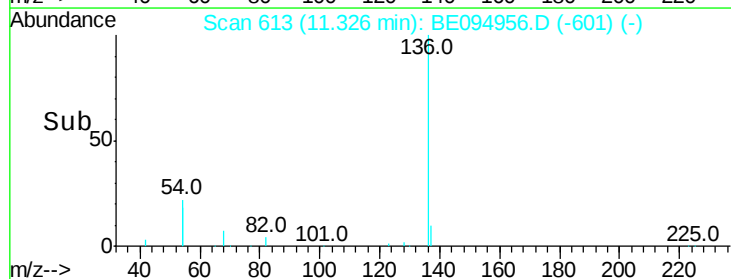
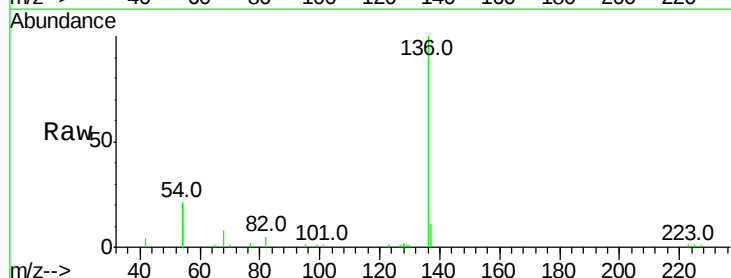
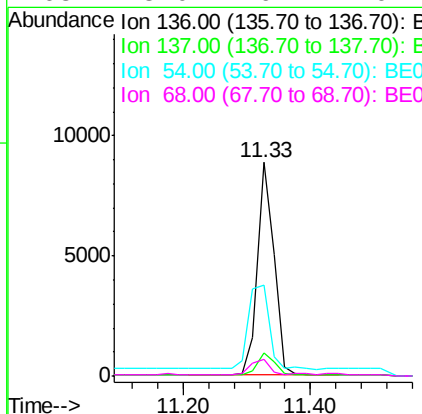
RT: 11.33 min Scan# 613

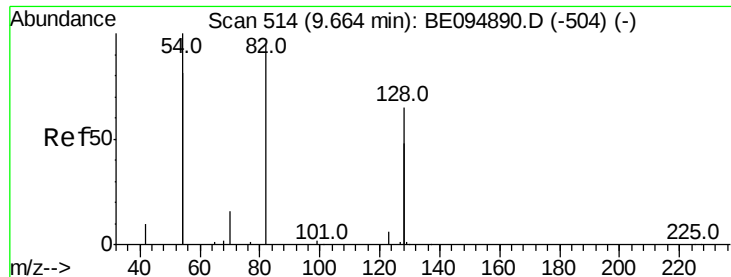
Delta R.T. -0.00 min

Lab File: BE094956.D

Acq: 8 Dec 2017 19:32

Tgt Ion:	136	Resp:	16016
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.5	14.3
54	42.8	29.1	43.7
68	8.0	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.568 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094956.D

Acq: 8 Dec 2017 19:32

Instrument :

BNA_E

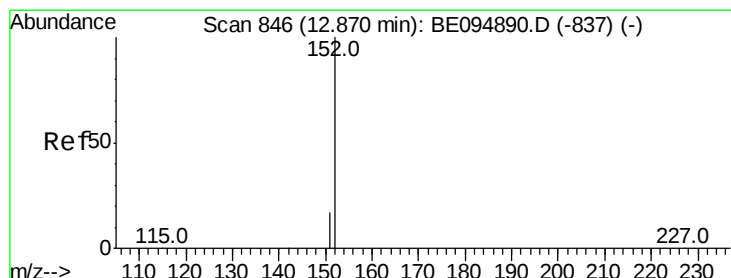
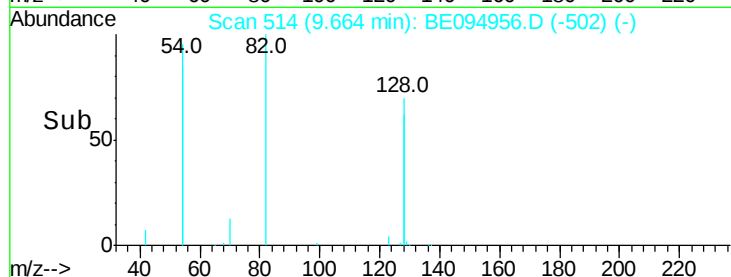
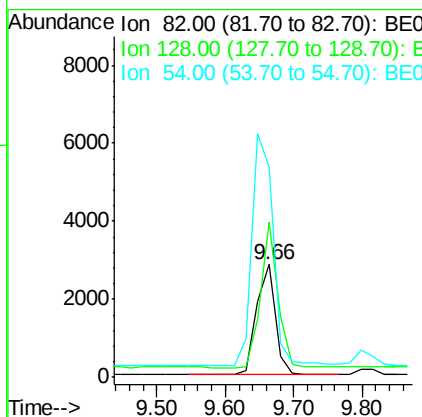
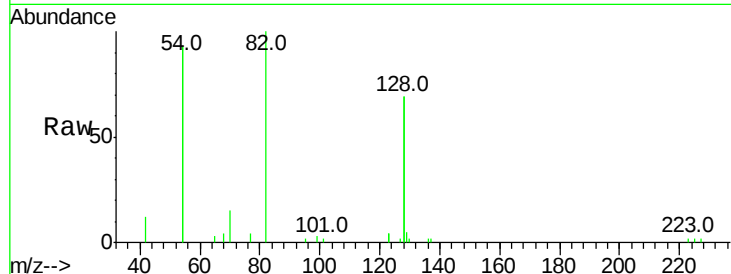
ClientSampleId :

FT-PZ-455S-20171202

Tot Ion	Ratio	Lower	Upper
82	100		
128	137.3	150.0	225.0#
54	186.1	154.2	231.4

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#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

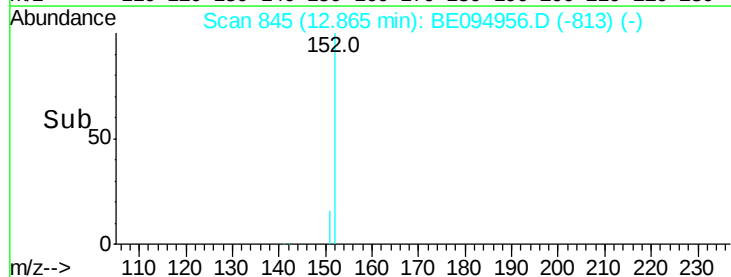
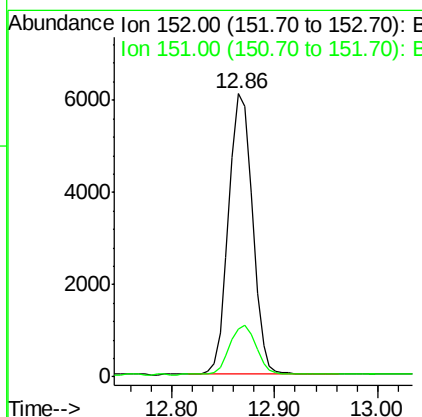
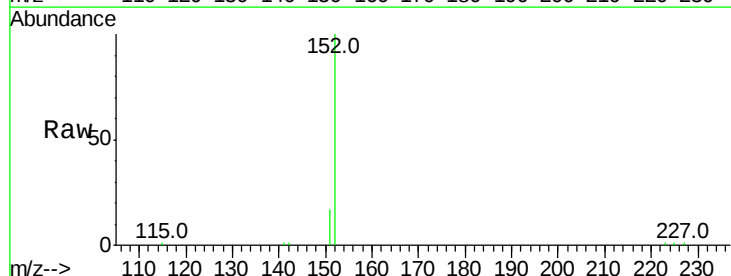
RT: 12.86 min Scan# 845

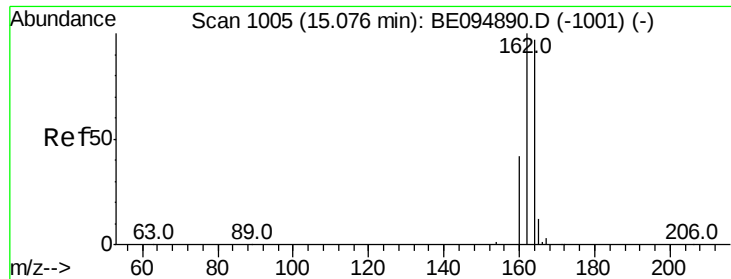
Delta R.T. -0.01 min

Lab File: BE094956.D

Acq: 8 Dec 2017 19:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.07 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE094956.D

Acq: 8 Dec 2017 19:32

Instrument :

BNA_E

ClientSampleId :

FT-PZ-455S-20171202

Tot Ion:164 Resp: 9024

Ion Ratio Lower Upper

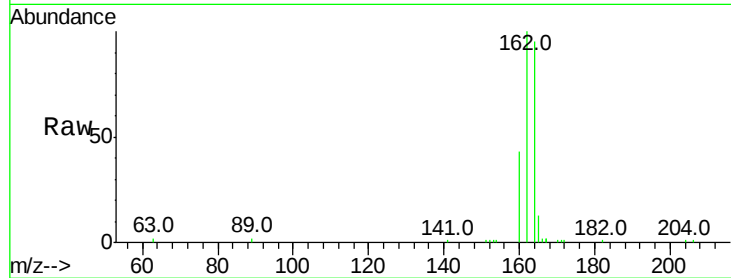
164 100

162 105.0 83.1 124.7

160 44.8 37.1 55.7

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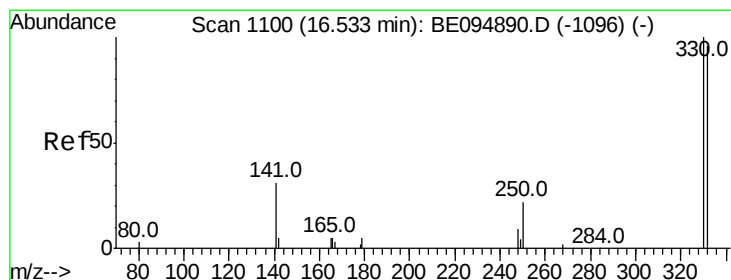
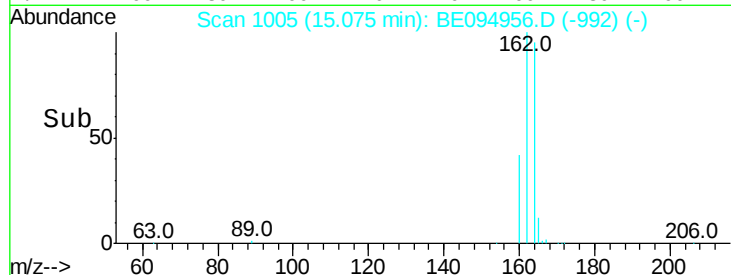
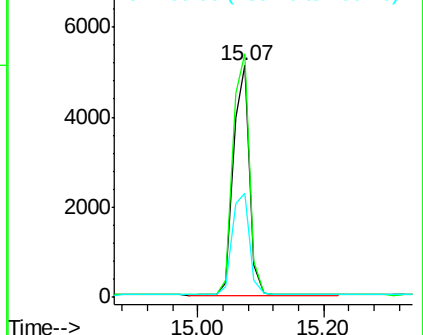
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.442 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094956.D

Acq: 8 Dec 2017 19:32

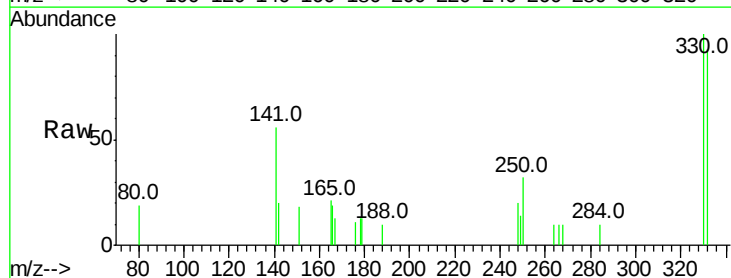
Tgt Ion:330 Resp: 825

Ion Ratio Lower Upper

330 100

332 94.4 152.7 229.1#

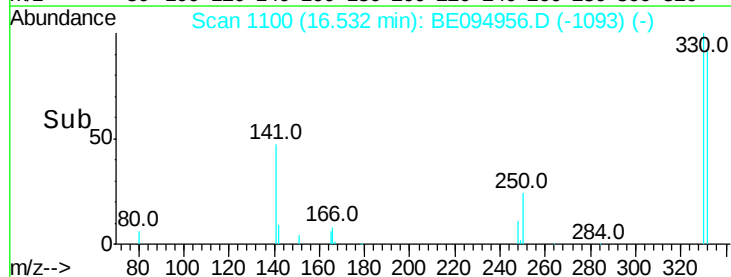
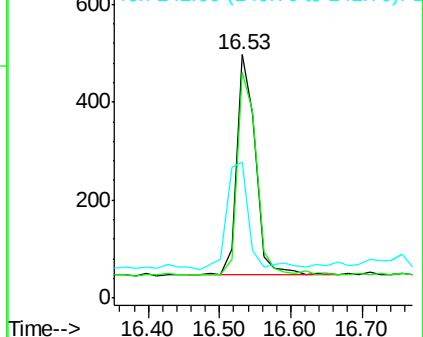
141 58.3 33.7 50.5#

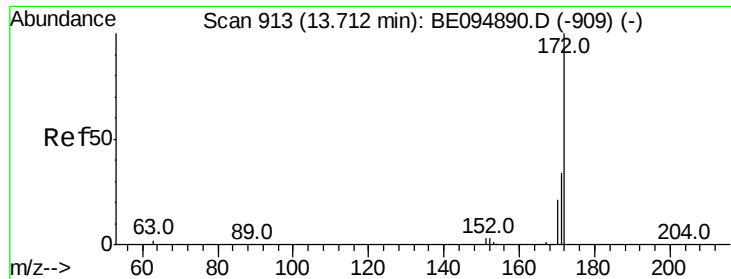


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





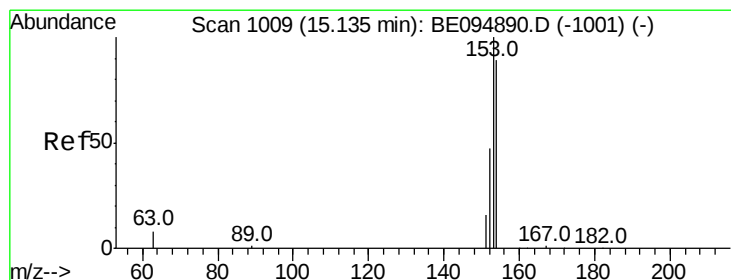
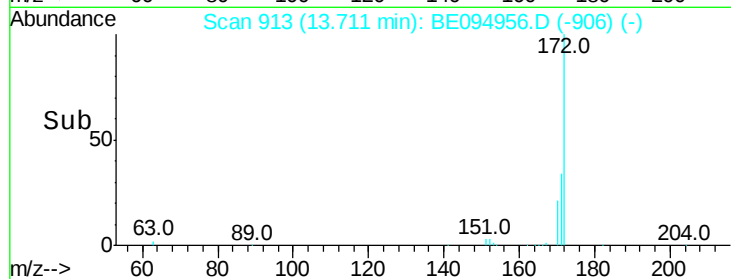
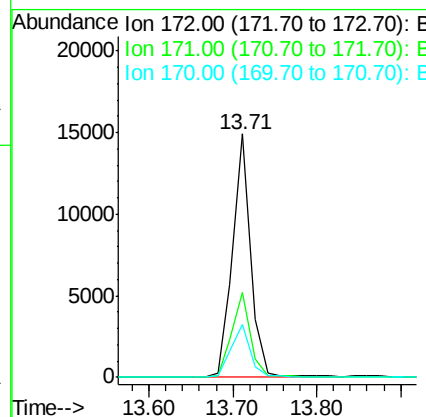
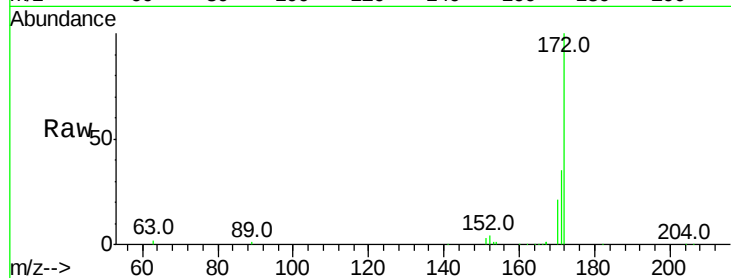
#15
2-Fluorobiphenyl
Concen: 0.567 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	21.5	21.8	32.8

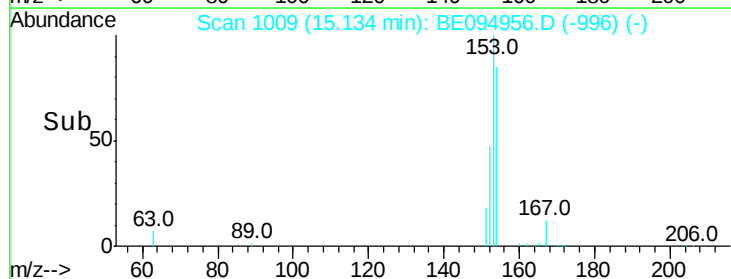
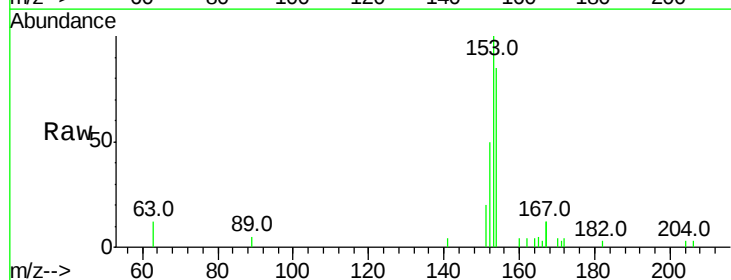
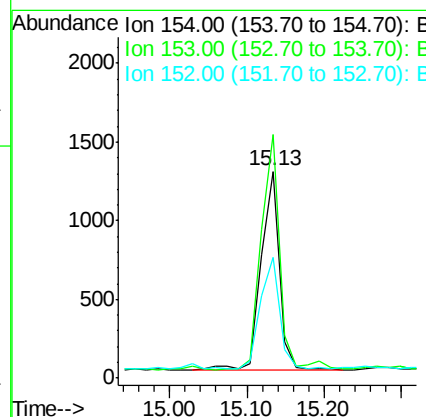
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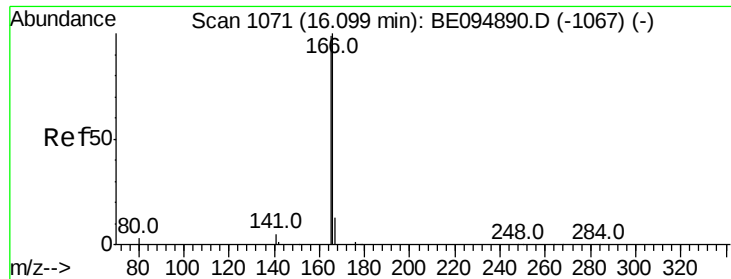
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#17
Acenaphthene
Concen: 0.062 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	121.9	89.2	133.8
152	59.9	42.0	63.0





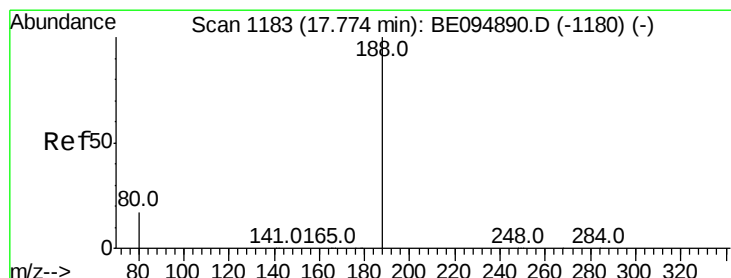
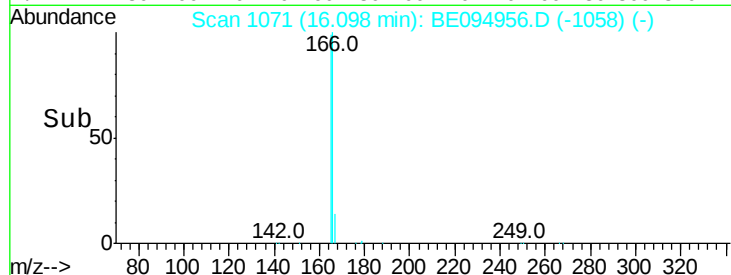
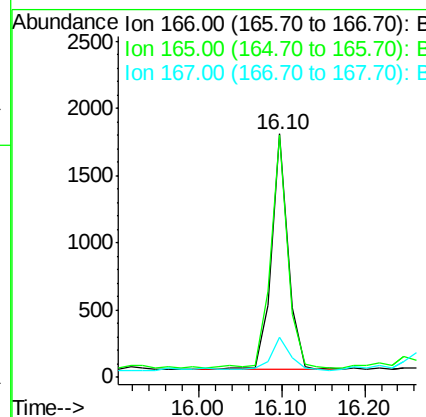
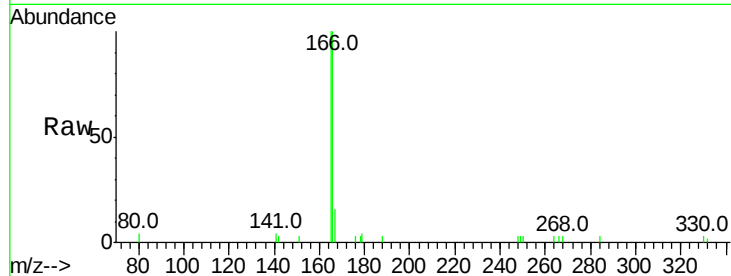
#18
Fluorene
 Concen: 0.060 ng
 RT: 16.10 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BE094956.D
 Acq: 8 Dec 2017 19:32

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-455S-20171202

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.9	77.8	116.6
167	15.3	42.4	63.6#

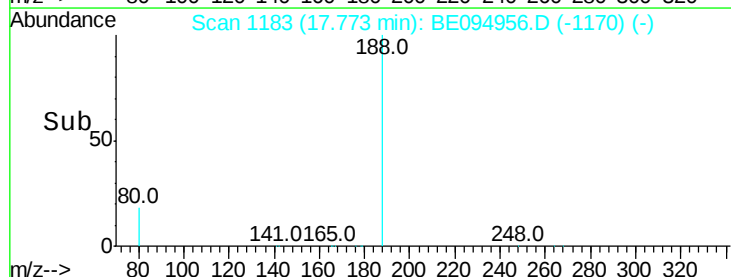
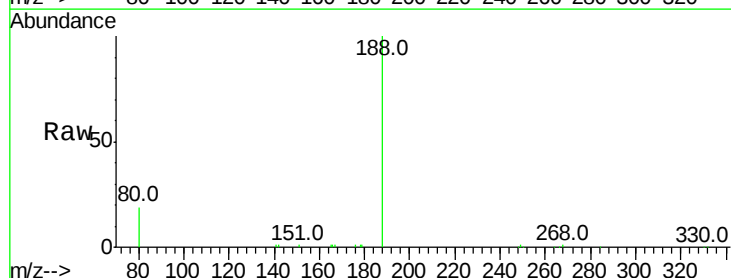
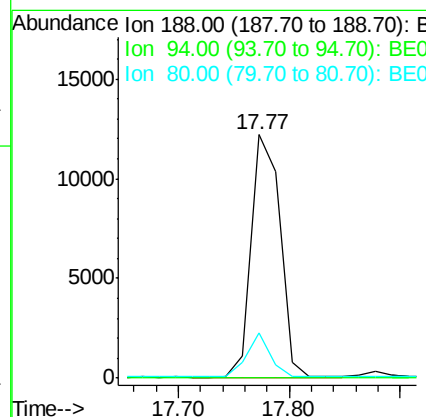
Manual Integrations
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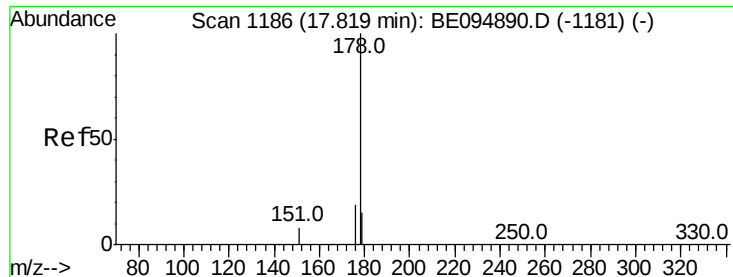
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#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.77 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BE094956.D
 Acq: 8 Dec 2017 19:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	18.5	3.6	5.4#





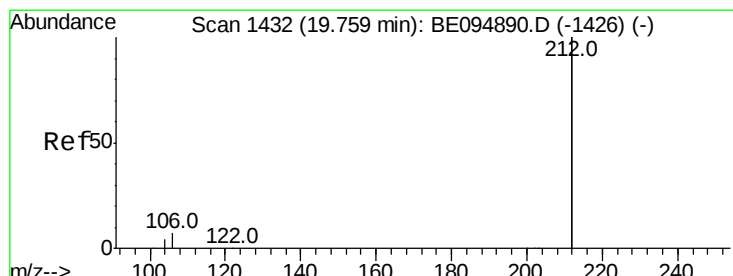
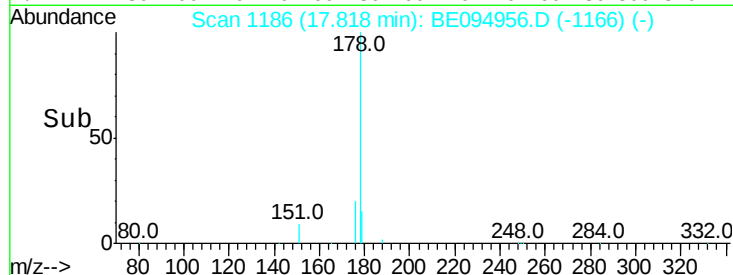
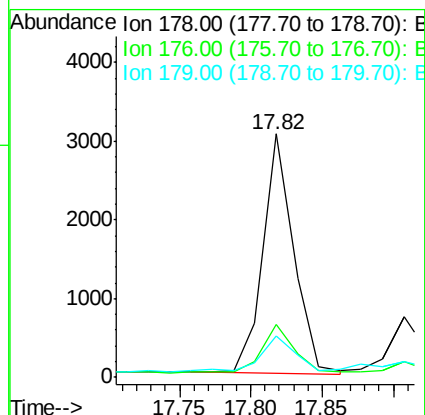
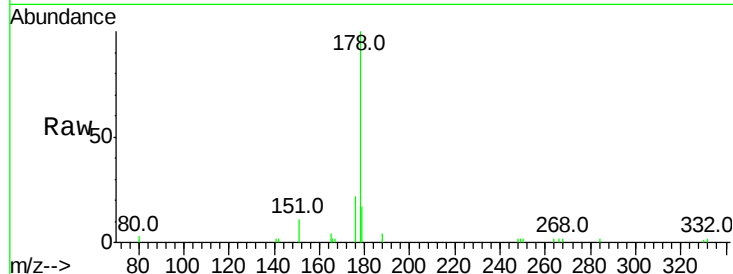
#23
Phenanthrene
Concen: 0.064 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.1	22.7
179	18.2	11.8	17.6

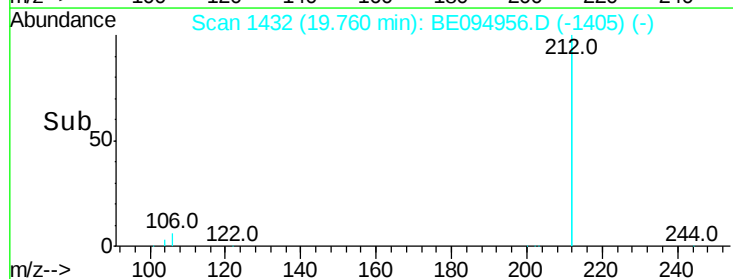
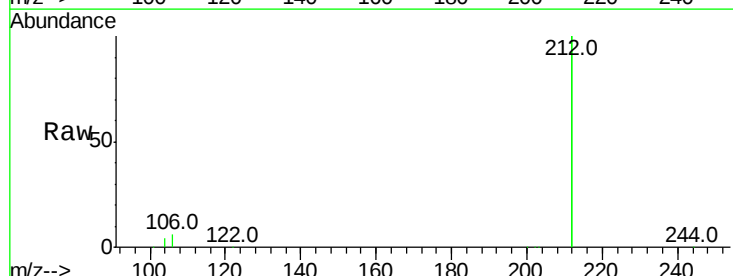
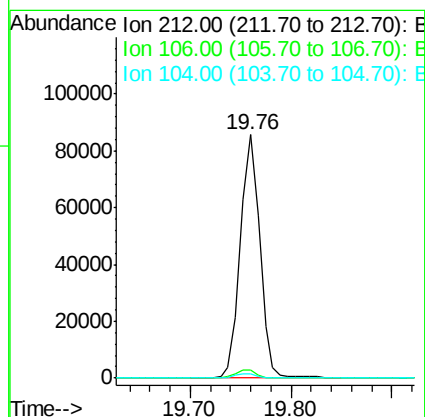
Manual Integrations
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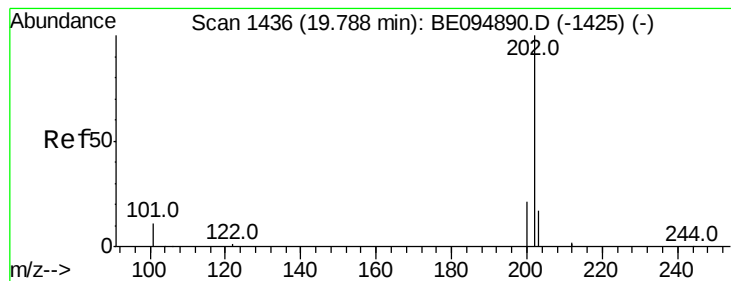
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#25
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4





#26

Fluoranthene

Concen: 0.042 ng

RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094956.D

Acq: 8 Dec 2017 19:32

Instrument :

BNA_E

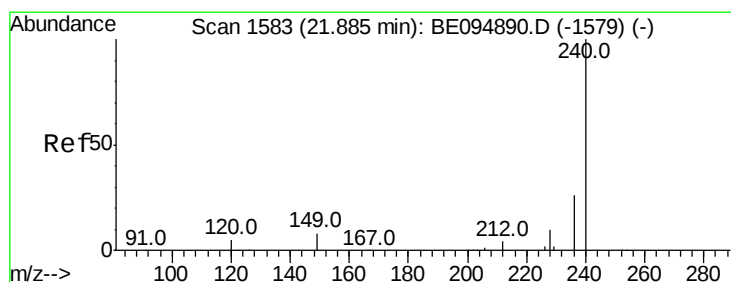
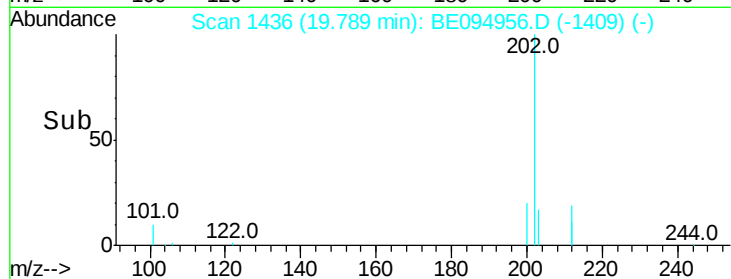
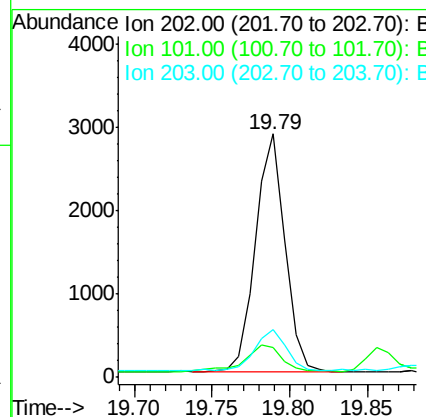
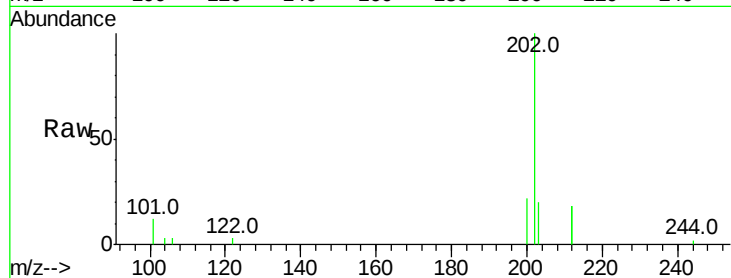
ClientSampleId :

FT-PZ-455S-20171202

Tot Ion:	202	Resp:	3739
Ion Ratio	Lower	Upper	
202	100		
101	15.2	9.8	14.8#
203	18.9	13.7	20.5

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#27

Chrysene-d12

Concen: 0.400 ng m

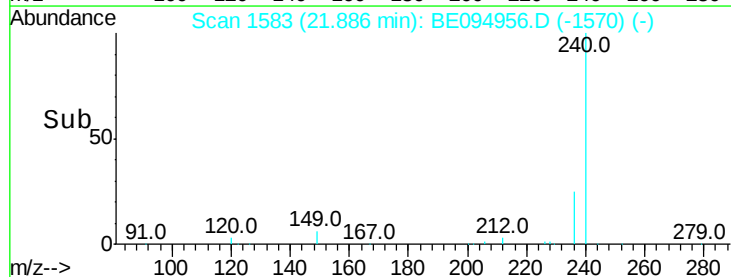
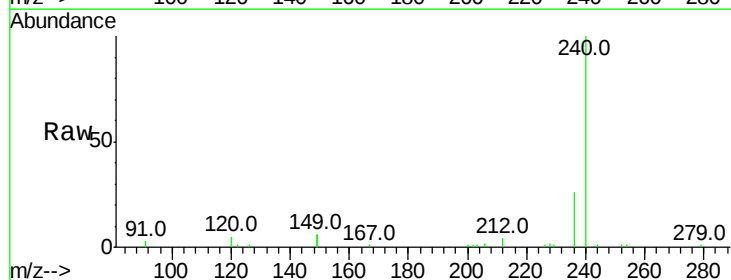
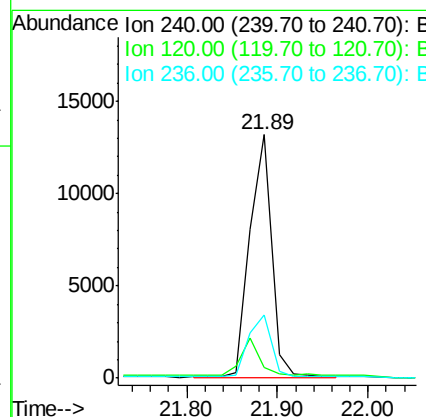
RT: 21.89 min Scan# 1583

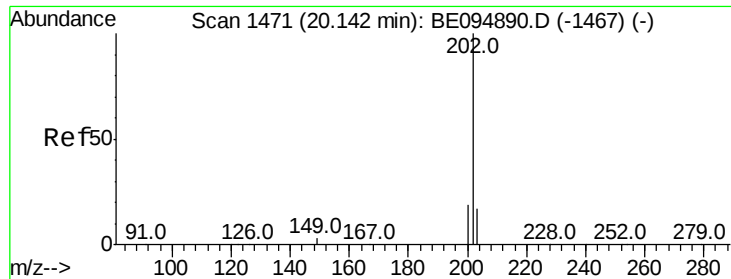
Delta R.T. 0.00 min

Lab File: BE094956.D

Acq: 8 Dec 2017 19:32

Tgt Ion:	240	Resp:	21607
Ion Ratio	Lower	Upper	
240	100		
120	4.5	5.5	8.3#
236	26.0	20.7	31.1





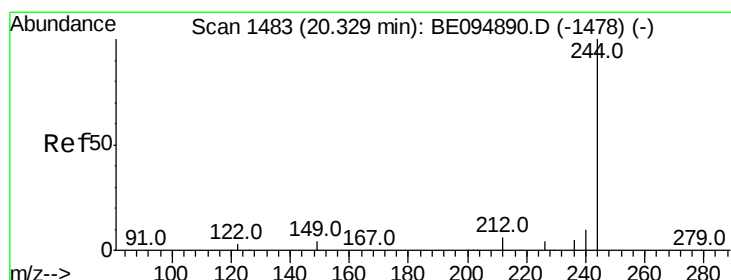
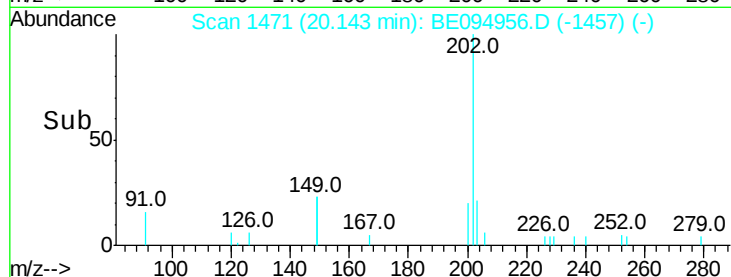
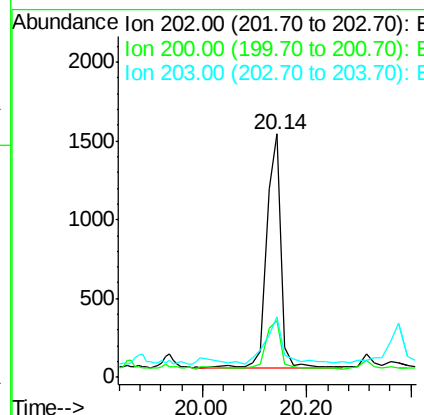
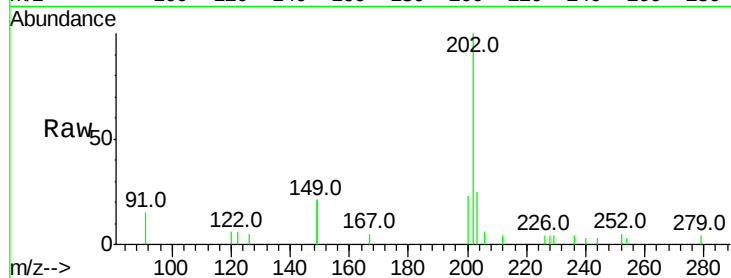
#28
Pvrene
Concen: 0.041 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	23.8	13.8	20.8

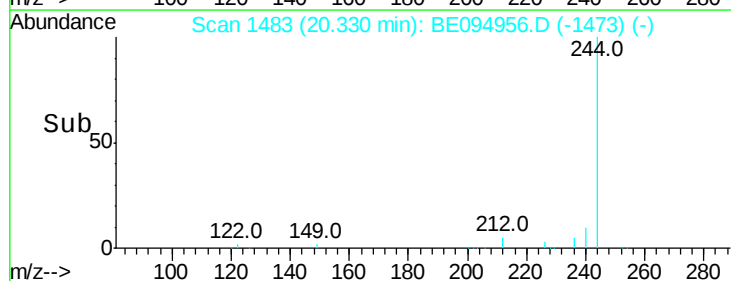
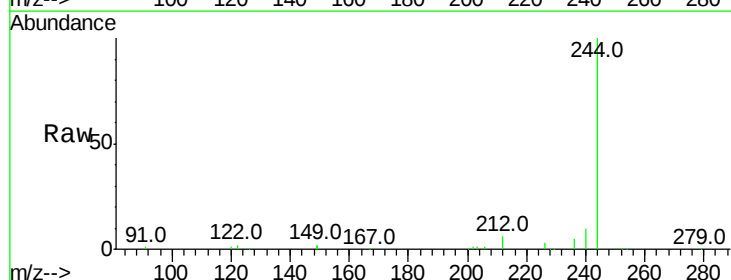
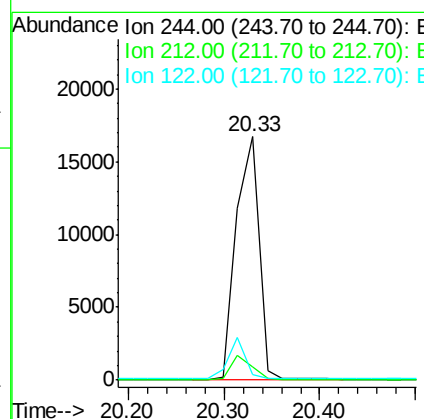
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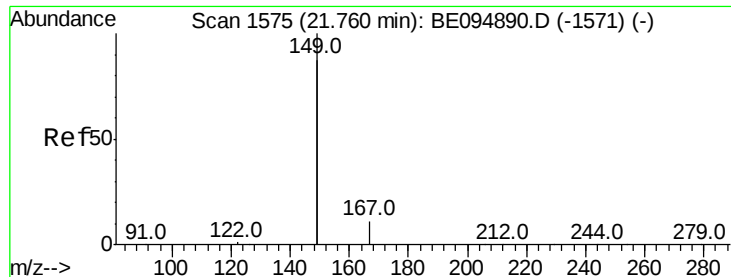
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#29
Terphenyl-d14
Concen: 0.689 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.5	25.4	38.0
122	2.4	8.1	12.1





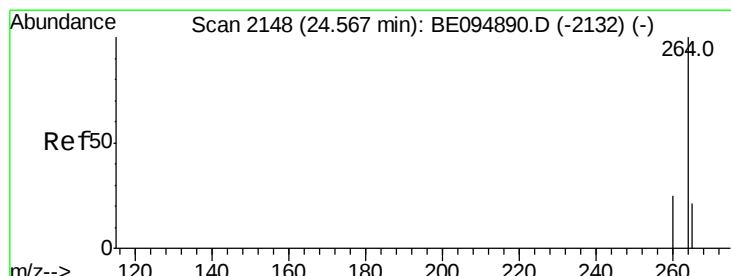
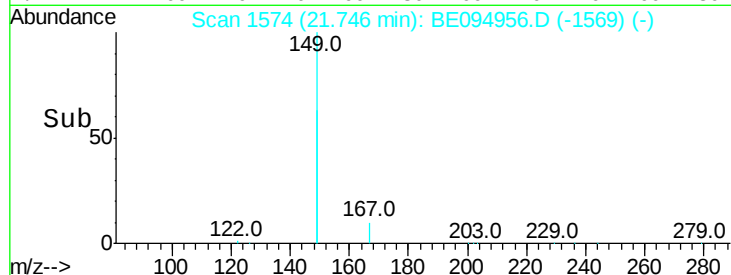
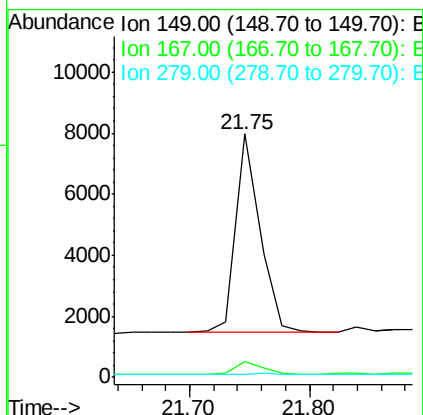
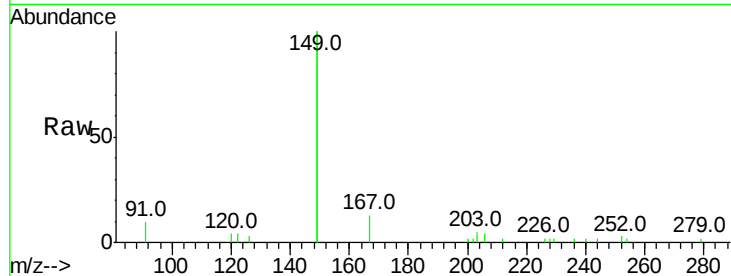
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng
 RT: 21.75 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BE094956.D
 Acq: 8 Dec 2017 19:32

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ-455S-20171202

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.56 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BE094956.D
 Acq: 8 Dec 2017 19:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	30.6	22.8	34.2

