

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
 Data File : BE094959.D
 Acq On : 8 Dec 2017 21:19
 Operator : SJ/JU
 Sample : I6740-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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 12/11/2017 6:18:13 PM

Quant Time: Dec 09 01:44:16 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	7768	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	16677	0.40	ng	0.00
13) Acenaphthene-d10	15.07	164	9610	0.40	ng	0.00
19) Phenanthrene-d10	17.79	188	23426	0.40	ng	0.01
27) Chrysene-d12	21.89	240	22696m	0.40	ng	0.00
34) Perylene-d12	24.57	264	19770	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	1916	0.16	ng	0.00
5) Phenol-d6	7.60	99	2129	0.12	ng	0.01
8) Nitrobenzene-d5	9.66	82	5609	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	10006	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	995	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	24614	0.60	ng	0.00
25) Fluoranthene-d10	19.76	212	117226	0.37	ng	0.00
29) Terphenyl-d14	20.33	244	27220	0.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	2314	0.285	ng	90
23) Phenanthrene	17.82	178	4284	0.057	ng	95
26) Fluoranthene	19.79	202	3117	0.032	ng	# 95
28) Pyrene	20.14	202	2232	0.028	ng	# 93
30) Benzo(a)anthracene	21.87	228	3380	0.049	ng	# 65
31) Chrysene	21.92	228	3627m	0.047	ng	
32) Bis(2-ethylhexyl)phthalate	21.75	149	6887	0.060	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.43	276	3007	0.048	ng	# 85
35) Benzo(b)fluoranthene	23.74	252	3387	0.047	ng	# 53
36) Benzo(k)fluoranthene	23.79	252	3021	0.041	ng	# 54
37) Benzo(a)pyrene	24.44	252	2829	0.045	ng	# 56
38) Dibenzo(a,h)anthracene	27.47	278	2402	0.041	ng	# 62
39) Benzo(a,h,i)perylene	28.33	276	2603	0.045	ng	# 61

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

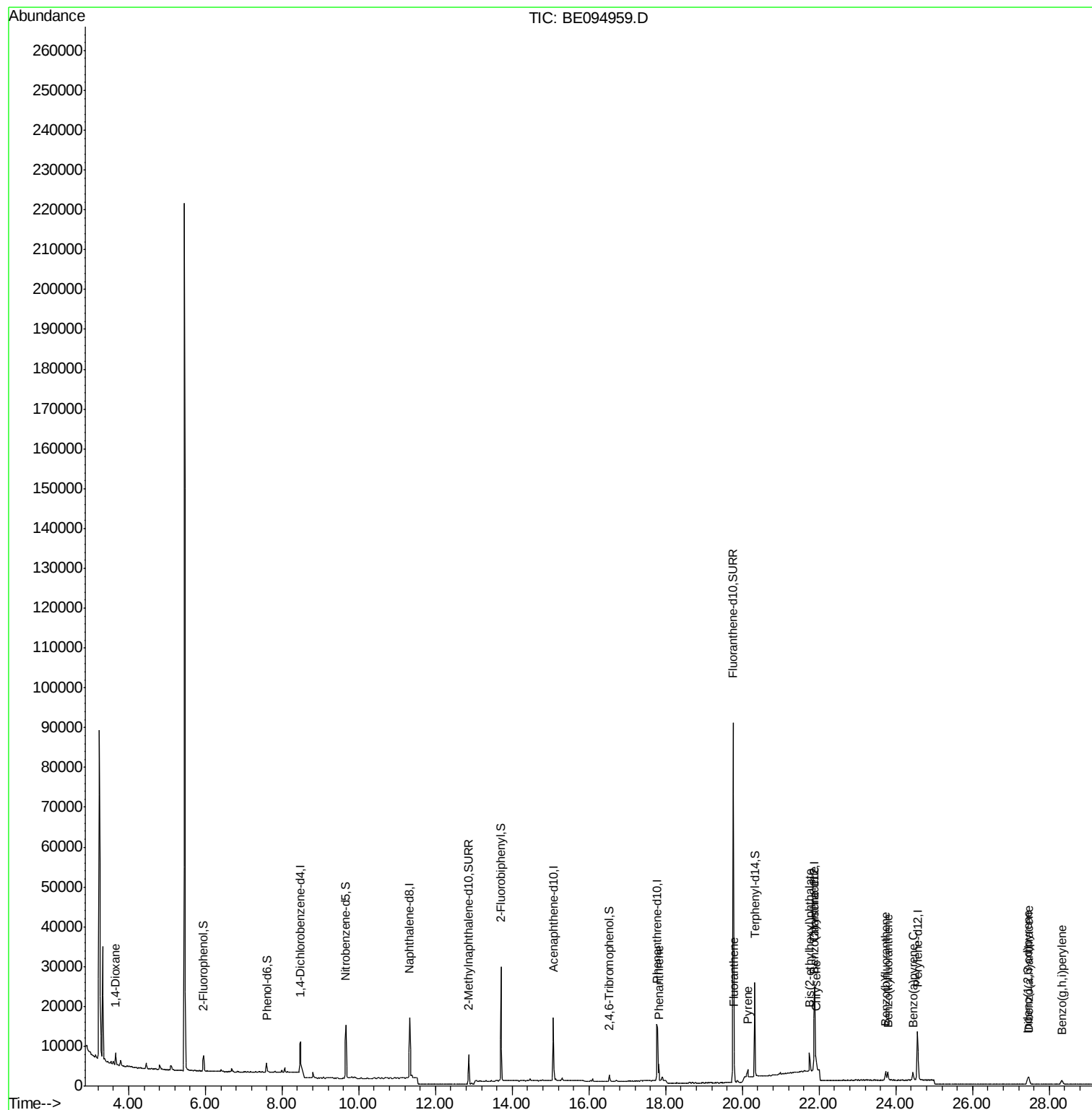
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
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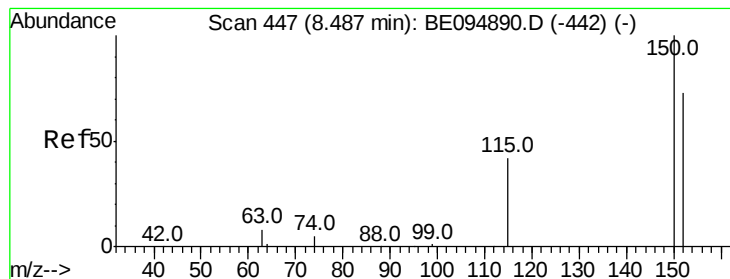
Instrument :
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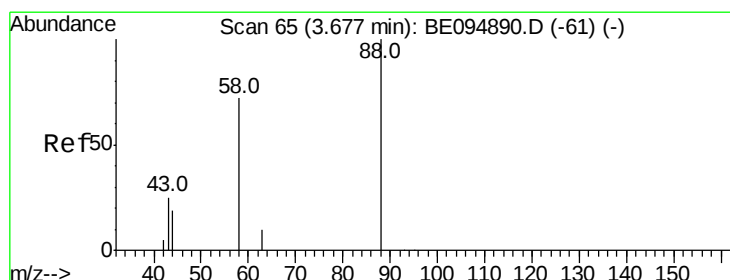
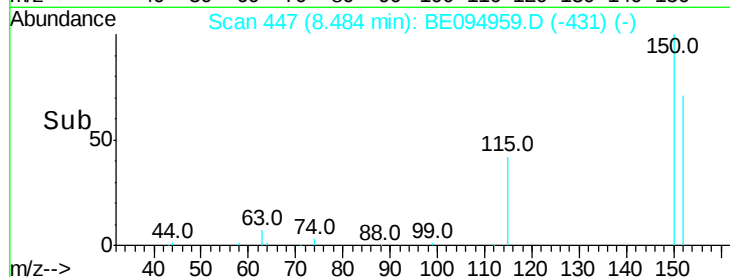
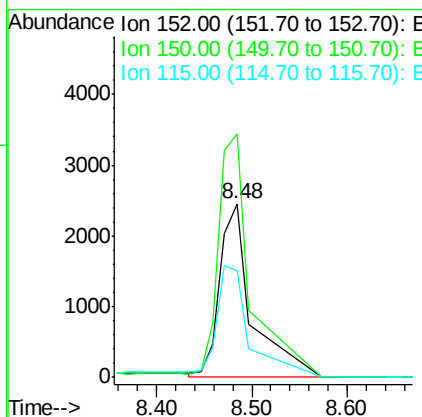
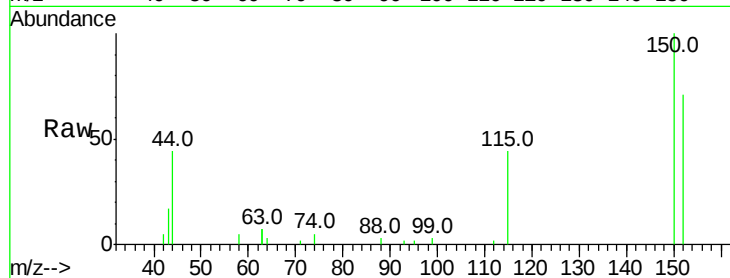
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.48 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BE094959.D
 Acq: 8 Dec 2017 21:19

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.1	117.2	175.8
115	61.4	57.0	85.6

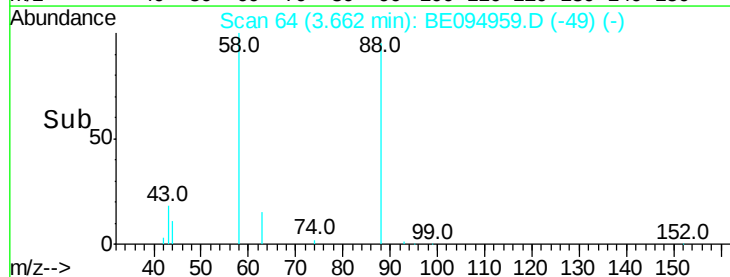
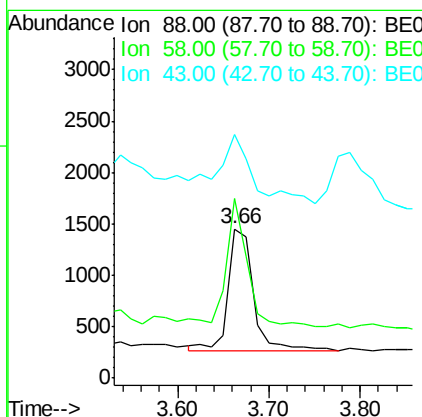
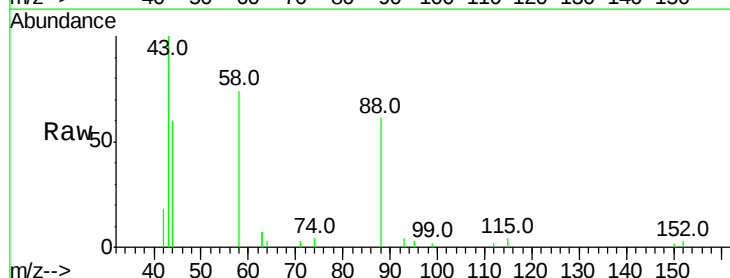
Manual Integrations
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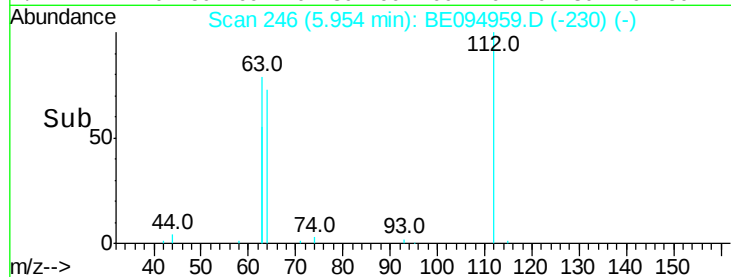
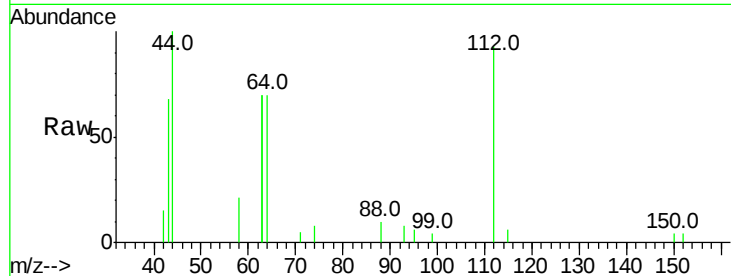
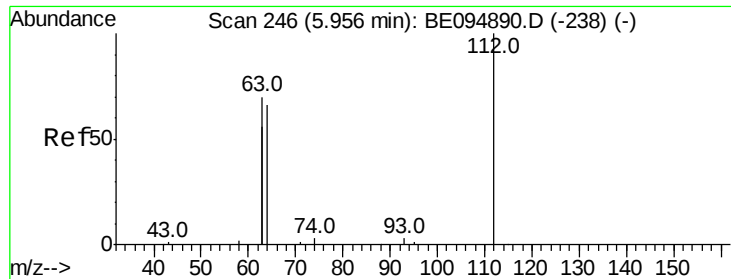
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#2
 1,4-Dioxane
 Concen: 0.285 ng
 RT: 3.66 min Scan# 64
 Delta R.T. -0.01 min
 Lab File: BE094959.D
 Acq: 8 Dec 2017 21:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	63.2	94.8
43	42.4	41.2	61.8





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Tot Ion:	112	Resp:	1916
Ion Ratio	Lower	Upper	
112	100		
64	78.0	60.1	90.1
63	155.9	116.8	175.2

Instrument :

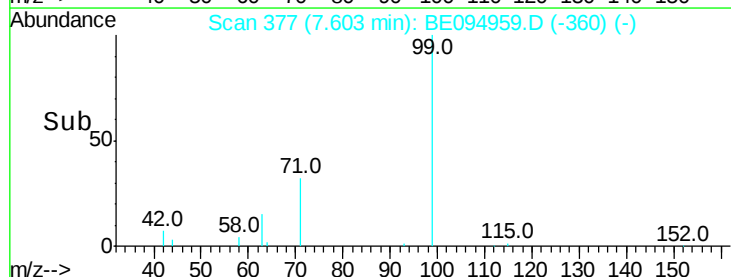
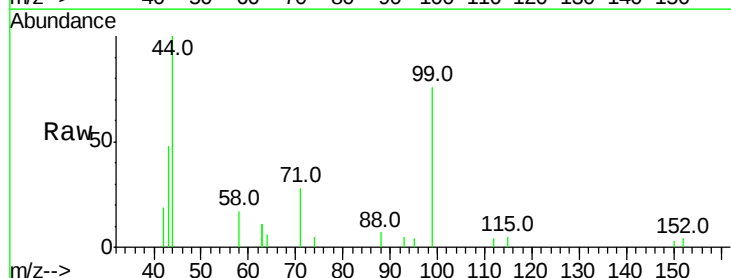
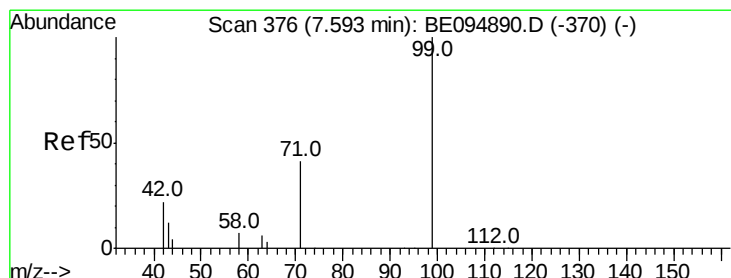
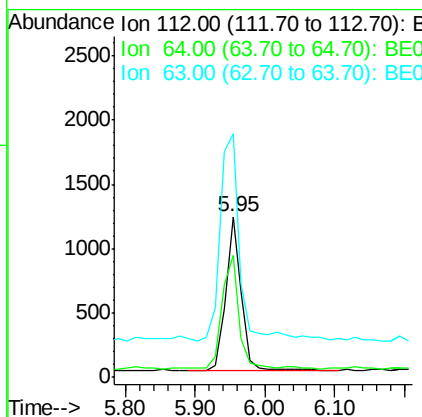
BNA_E

ClientSampleId :

FT-PZ-456I-20171204

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#5

Phenol-d6

Concen: 0.117 ng

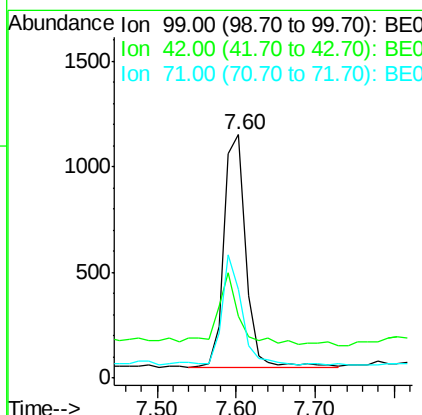
RT: 7.60 min Scan# 377

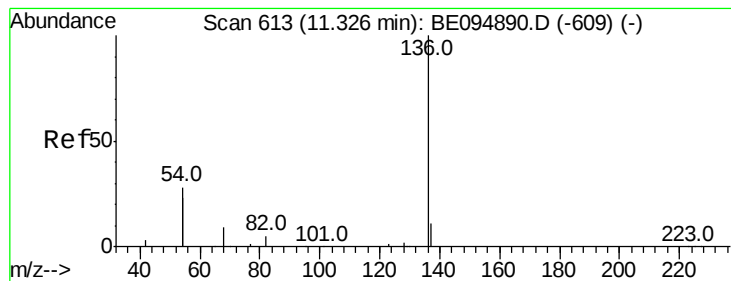
Delta R.T. 0.01 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Tgt Ion:	99	Resp:	2129
Ion Ratio	Lower	Upper	
99	100		
42	31.0	20.2	30.2#
71	40.9	28.4	42.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Instrument :

BNA_E

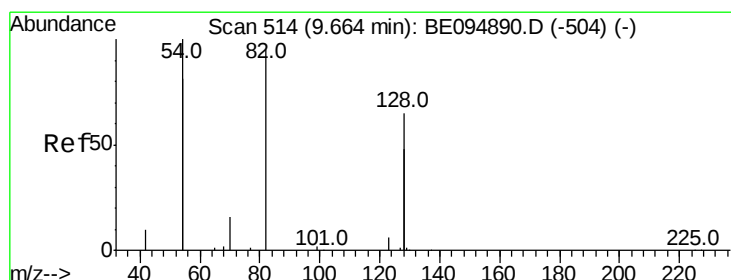
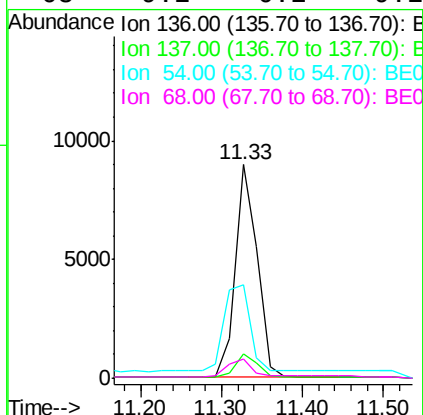
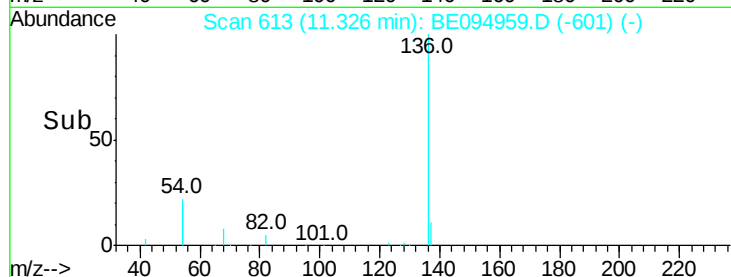
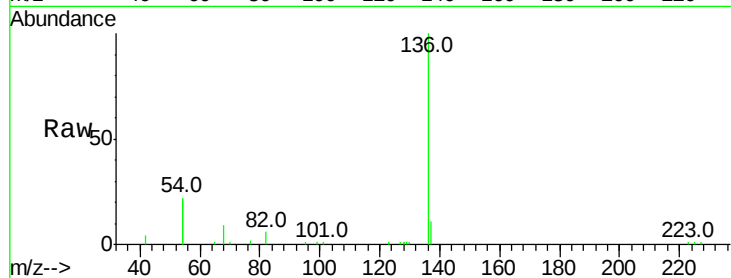
ClientSampleId :

FT-PZ-456I-20171204

Tot Ion	Ratio	Resp	Lower	Upper
136	100	16677		
137	11.4	9.5	14.3	
54	43.8	29.1	43.7	
68	9.2	6.2	9.2	

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#8

Nitrobenzene-d5

Concen: 0.568 ng

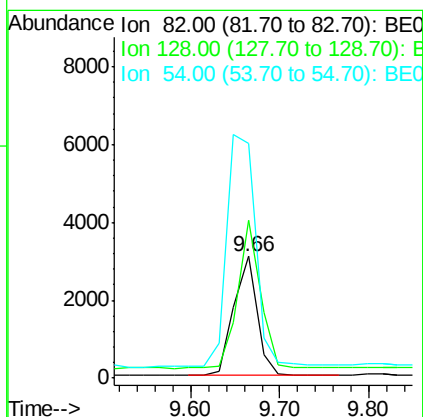
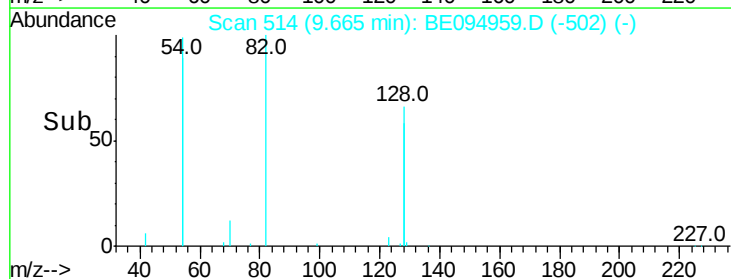
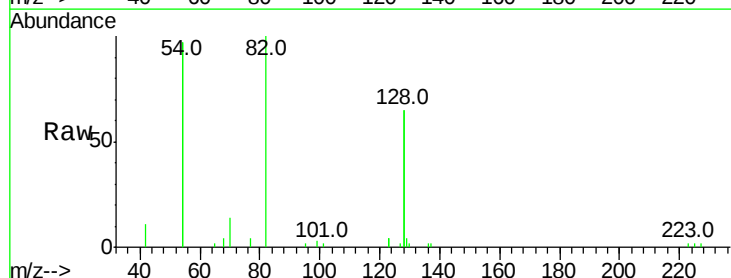
RT: 9.66 min Scan# 514

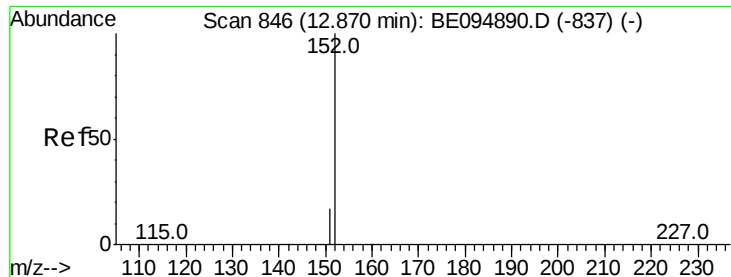
Delta R.T. 0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	5609		
128	129.9	150.0	225.0	
54	193.3	154.2	231.4	





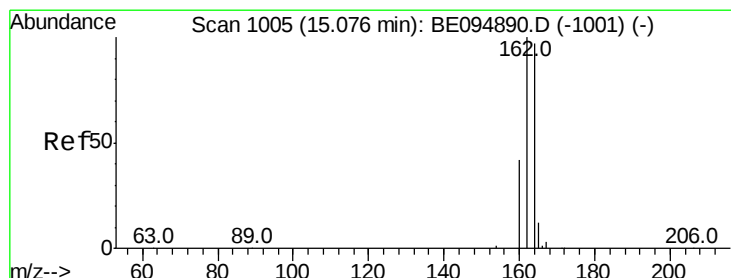
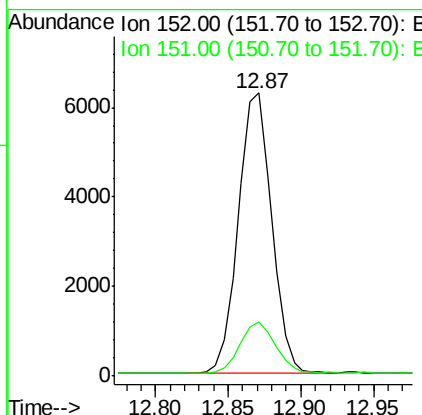
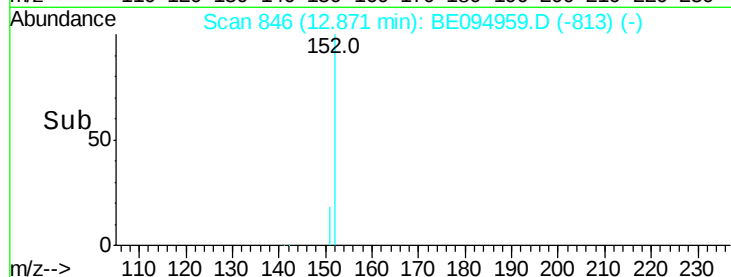
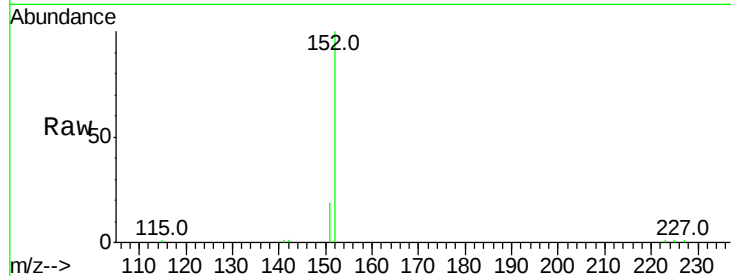
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094959.D
Acq: 8 Dec 2017 21:19

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

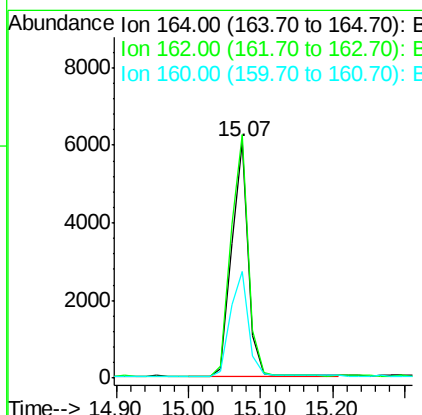
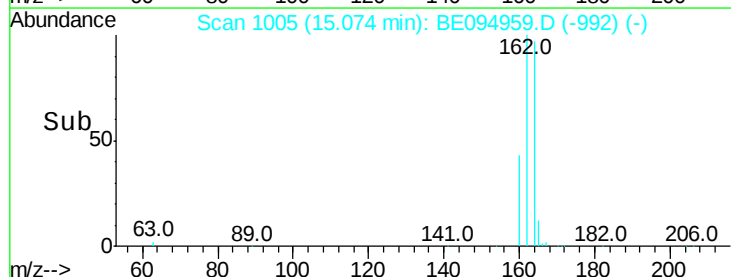
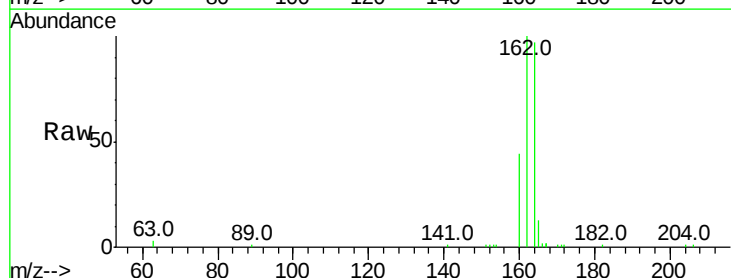
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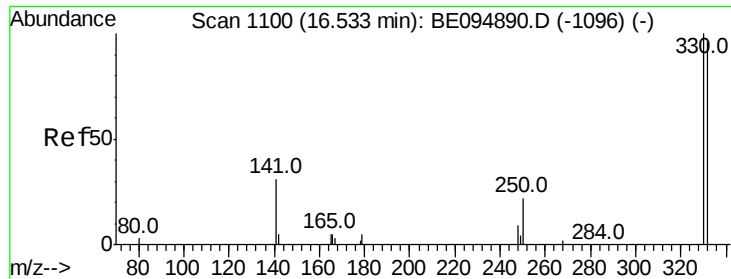
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.07 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094959.D
Acq: 8 Dec 2017 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.1	124.7
160	45.0	37.1	55.7





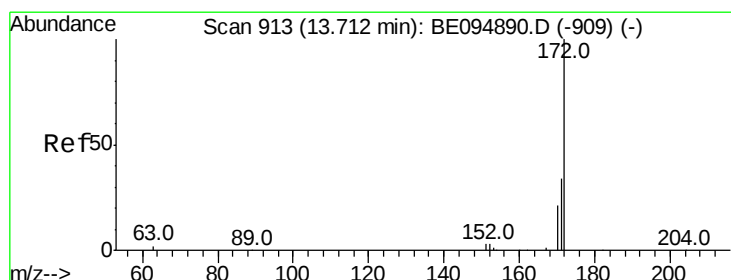
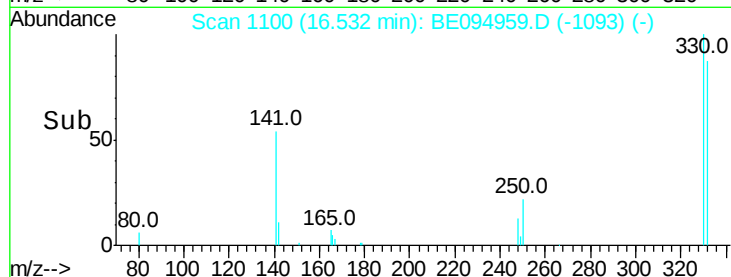
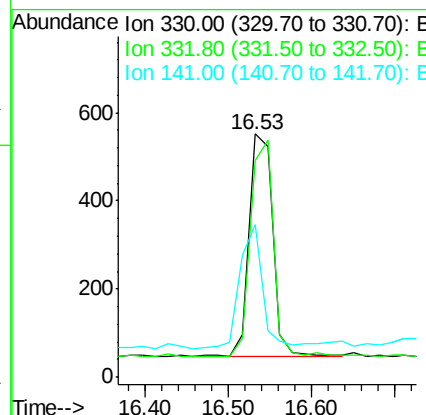
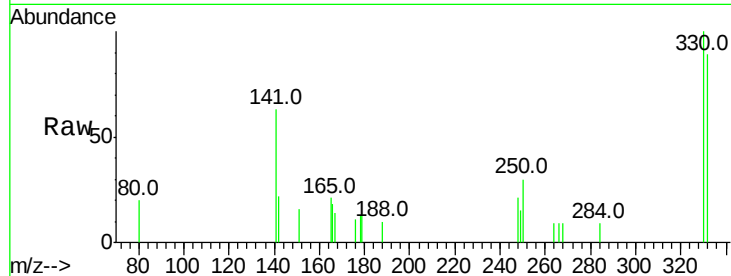
#14
 2,4,6-Tribromophenol
 Concen: 0.486 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BE094959.D
 Acq: 8 Dec 2017 21:19

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	152.7	229.1#
141	53.0	33.7	50.5#

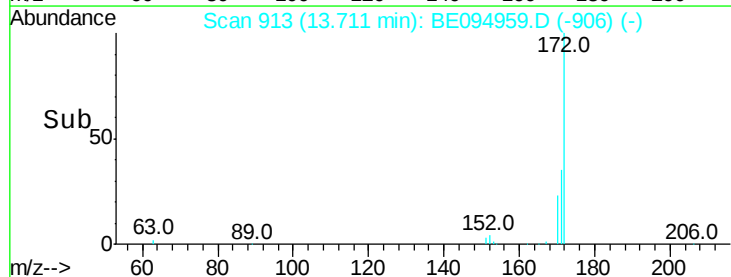
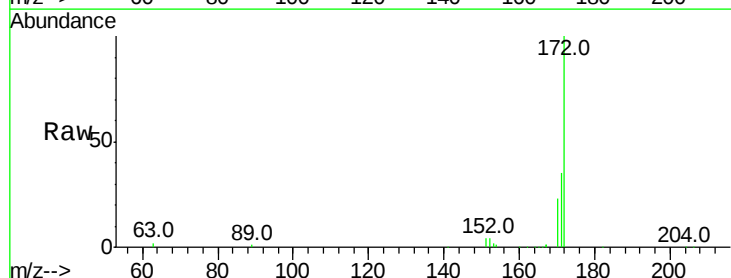
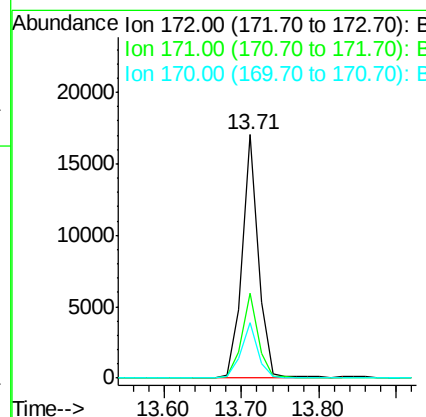
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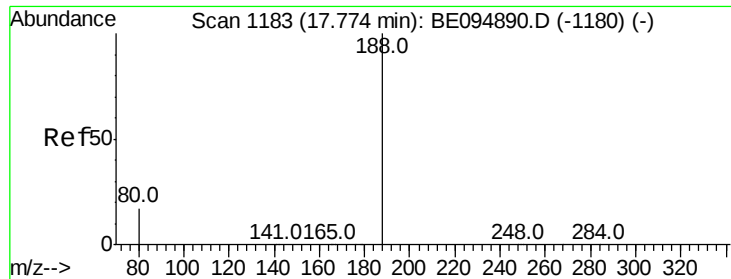
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#15
 2-Fluorobiphenyl
 Concen: 0.598 ng
 RT: 13.71 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BE094959.D
 Acq: 8 Dec 2017 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	22.8	21.8	32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.79 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

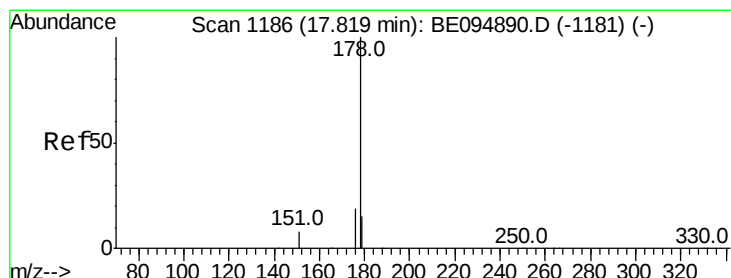
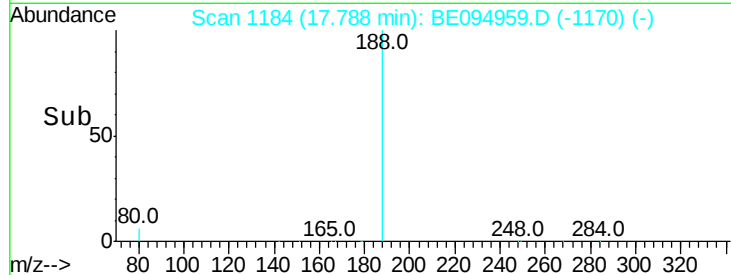
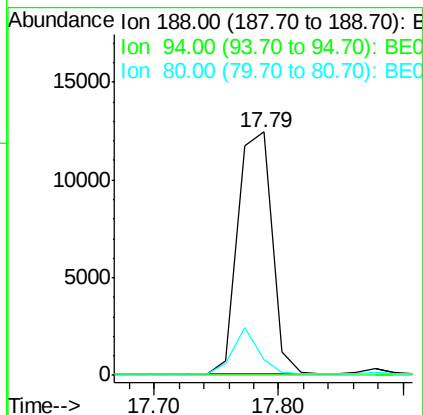
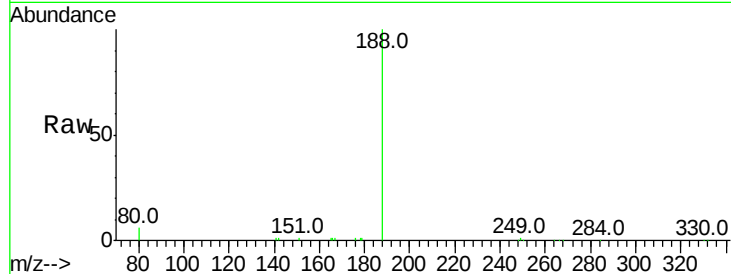
Instrument :
BNA_E

ClientSampleId :
FT-PZ-456I-20171204

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	6.4	3.6	5.4#

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#23

Phenanthrene

Concen: 0.057 ng

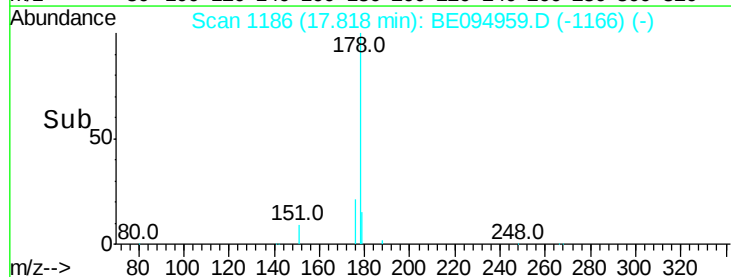
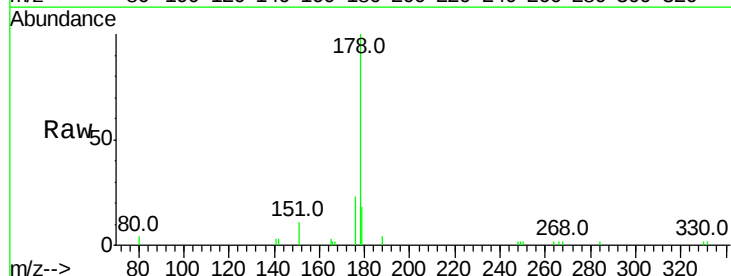
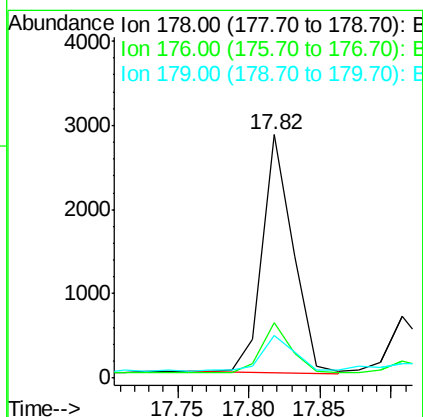
RT: 17.82 min Scan# 1186

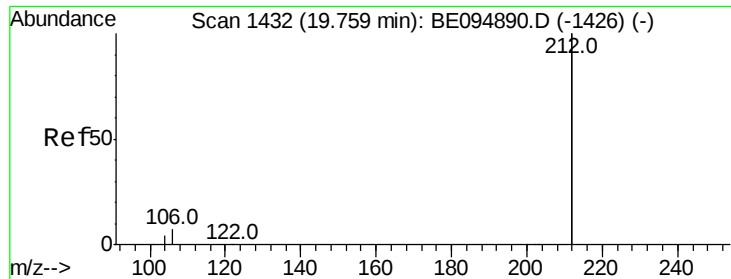
Delta R.T. -0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	22.0	15.1	22.7
179	15.5	11.8	17.6





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Instrument :

BNA_E

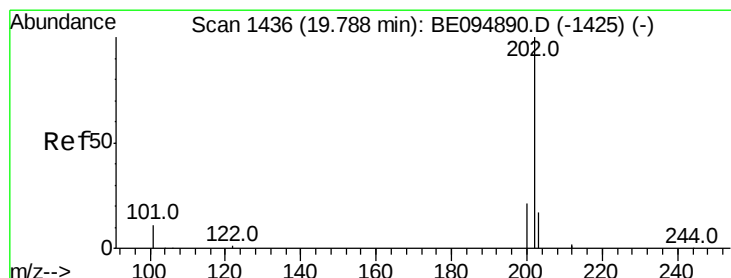
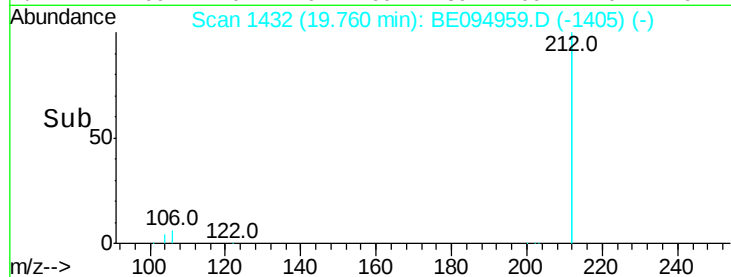
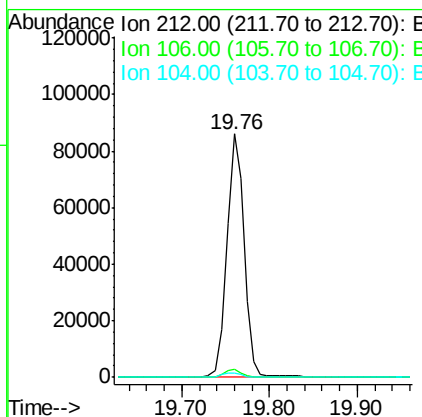
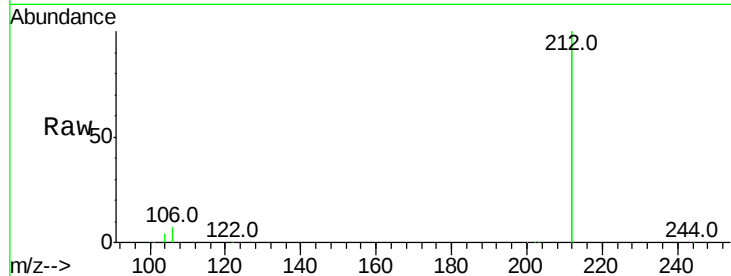
ClientSampleId :

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Tot Ion:	212	Resp:	117226
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

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#26

Fluoranthene

Concen: 0.032 ng

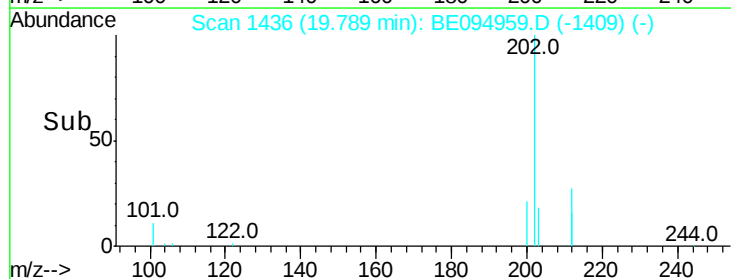
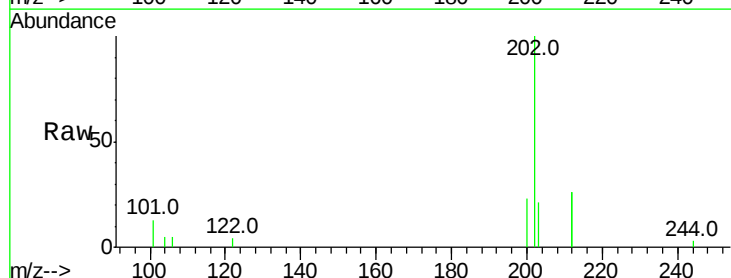
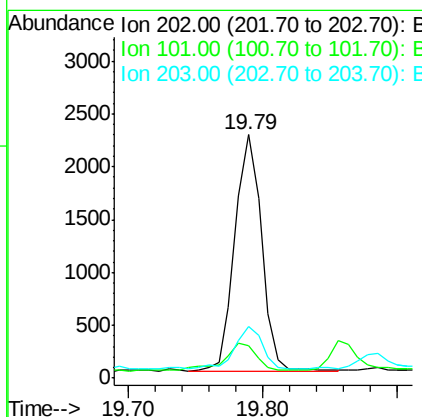
RT: 19.79 min Scan# 1436

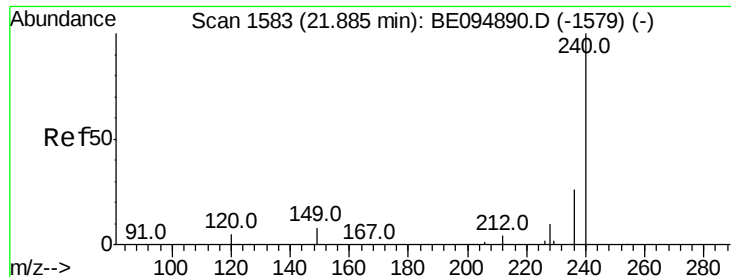
Delta R.T. 0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Tgt Ion:	202	Resp:	3117
Ion Ratio	Lower	Upper	
202	100		
101	14.8	9.8	14.8#
203	18.7	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng/mL

RT: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Instrument :

BNA_E

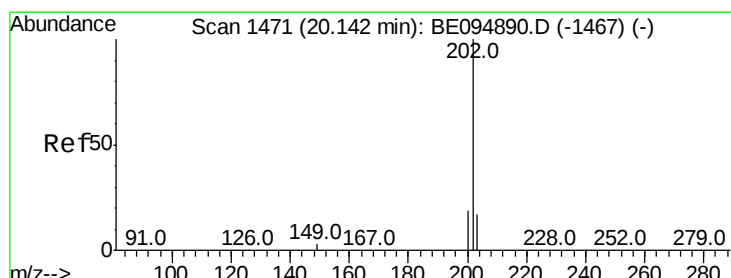
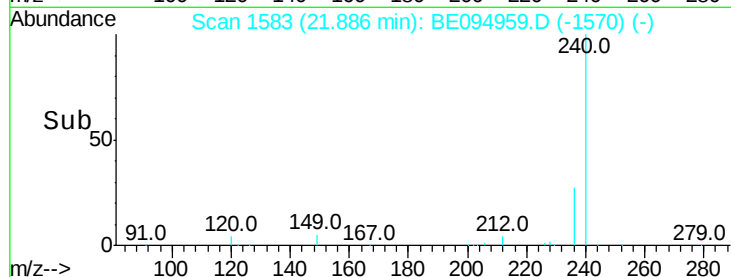
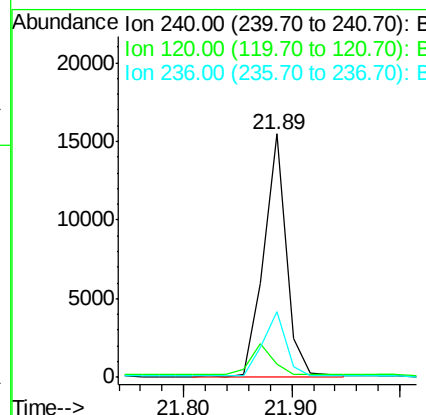
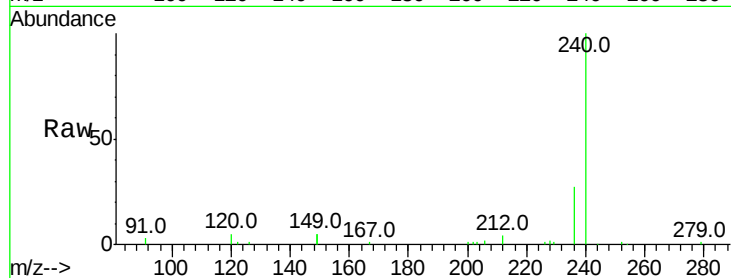
ClientSampleId :

FT-PZ-456I-20171204

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.5	8.3#
236	26.9	20.7	31.1

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#28

Pyrene

Concen: 0.028 ng/mL

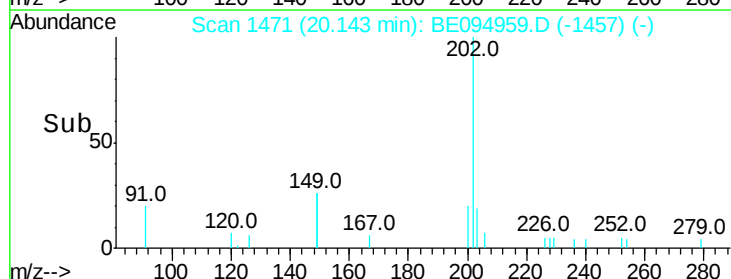
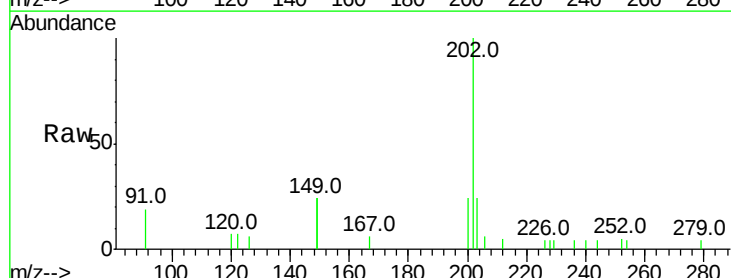
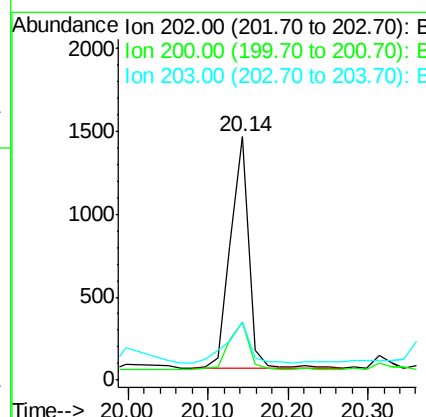
RT: 20.14 min Scan# 1471

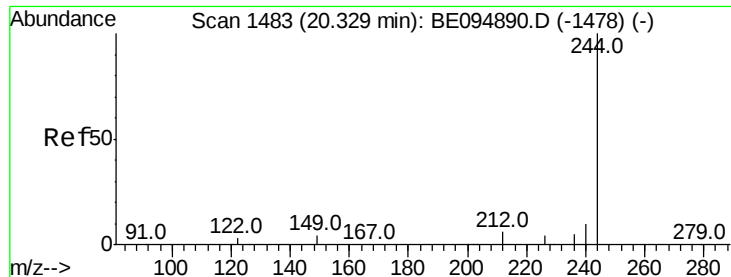
Delta R.T. 0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.6	25.0
203	22.4	13.8	20.8#





#29

Terphenyl-d14

Concen: 0.649 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Instrument :

BNA_E

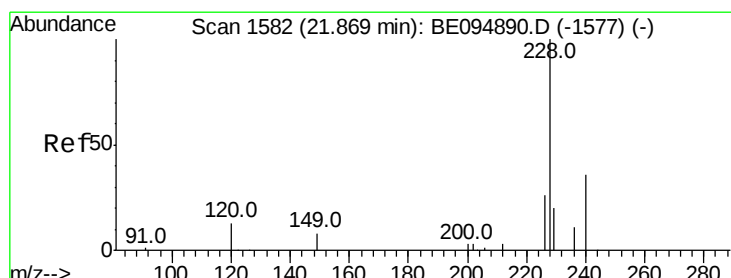
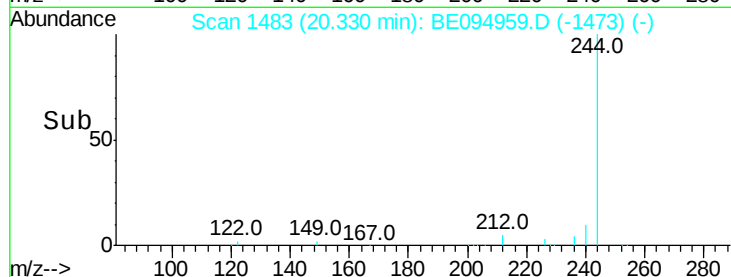
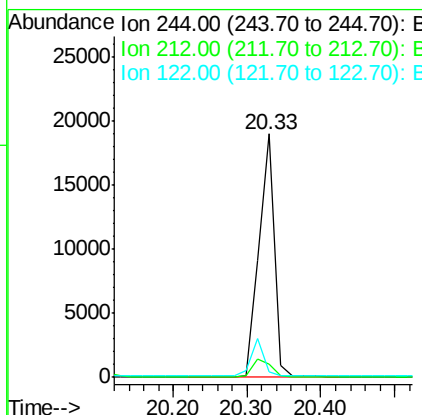
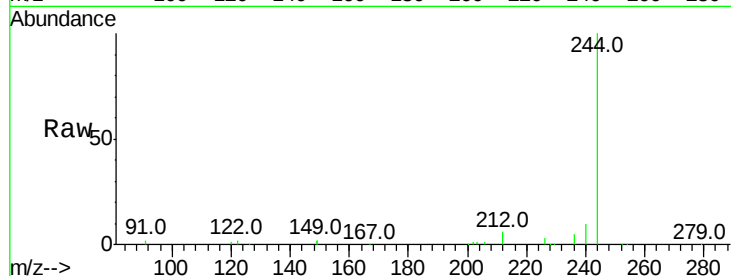
ClientSampleId :

FT-PZ-456I-20171204

Tot Ion:	244	Resp:	27220
Ion Ratio	Lower	Upper	
244	100		
212	5.5	25.4	38.0#
122	2.4	8.1	12.1#

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#30

Benzo(a)anthracene

Concen: 0.049 ng

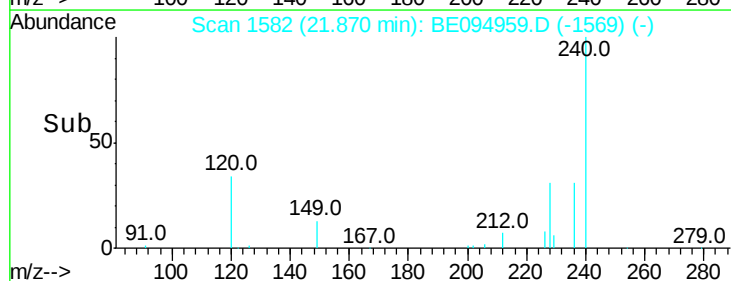
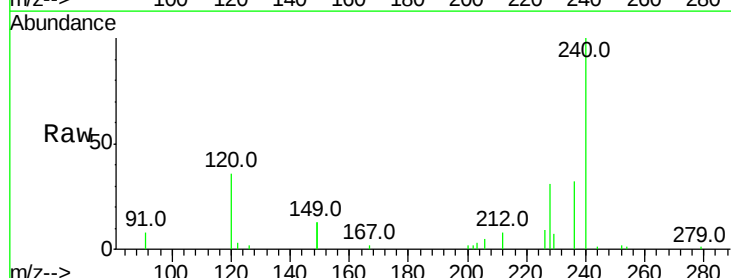
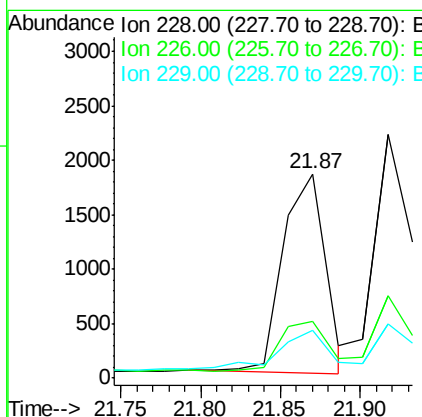
RT: 21.87 min Scan# 1582

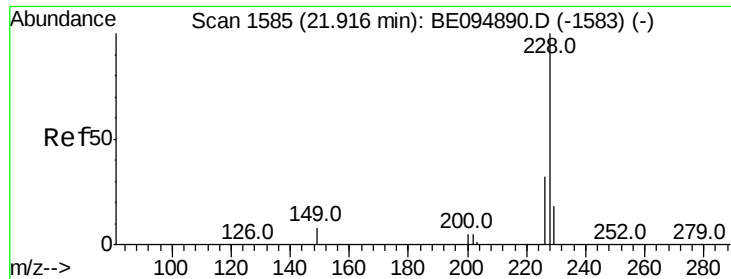
Delta R.T. 0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Tgt Ion:	228	Resp:	3380
Ion Ratio	Lower	Upper	
228	100		
226	28.0	40.0	60.0#
229	23.4	40.0	60.0#





#31

Chrysene

Concen: 0.047 ng/mL

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Instrument :

BNA_E

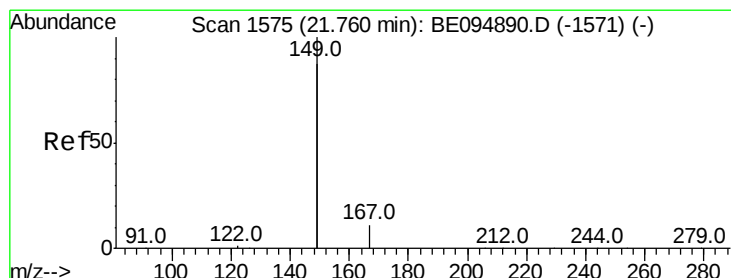
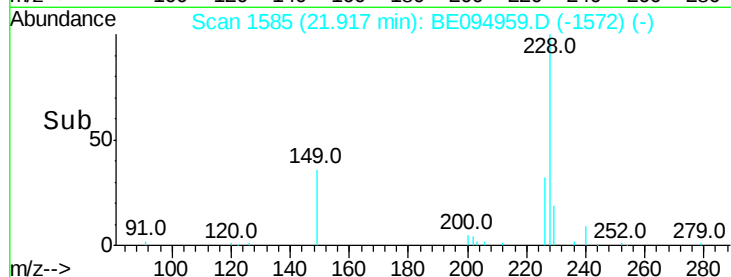
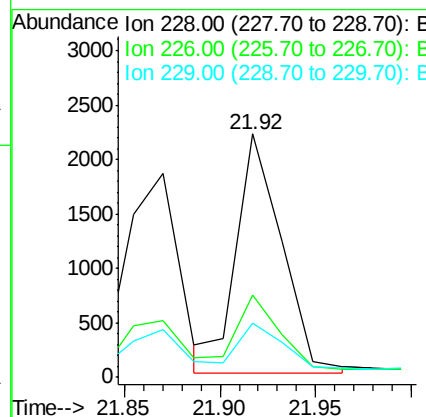
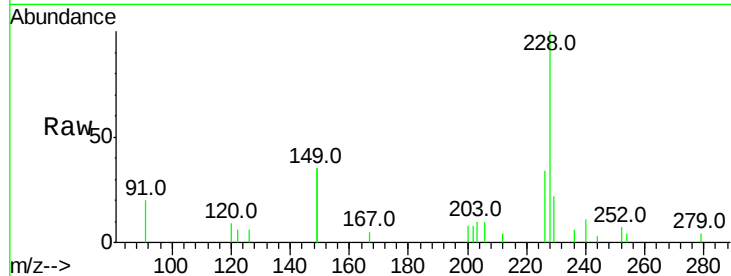
ClientSampleId :

FT-PZ-456I-20171204

Tot Ion:	228	Resp:	3627
Ion Ratio	Lower	Upper	
228	100		
226	33.6	40.0	60.0#
229	22.4	40.0	60.0#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.060 ng/mL

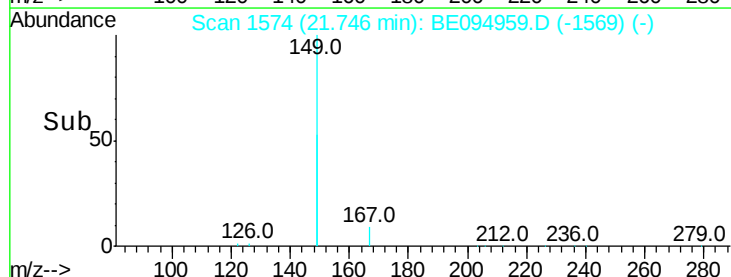
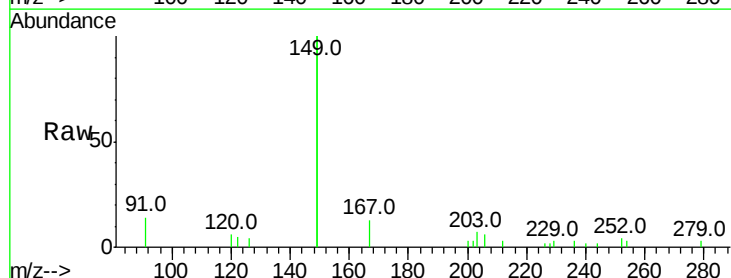
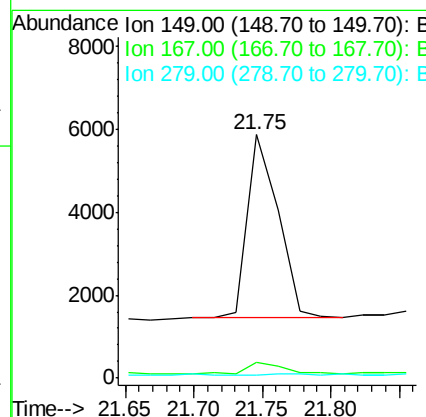
RT: 21.75 min Scan# 1574

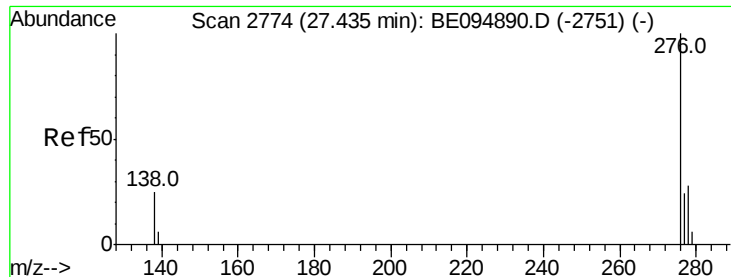
Delta R.T. -0.01 min

Lab File: BE094959.D

Acq: 8 Dec 2017 21:19

Tgt Ion:	149	Resp:	6887
Ion Ratio	Lower	Upper	
149	100		
167	6.7	5.4	8.0
279	1.2	0.7	1.1#





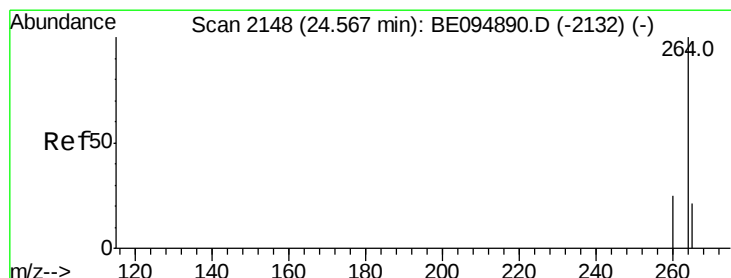
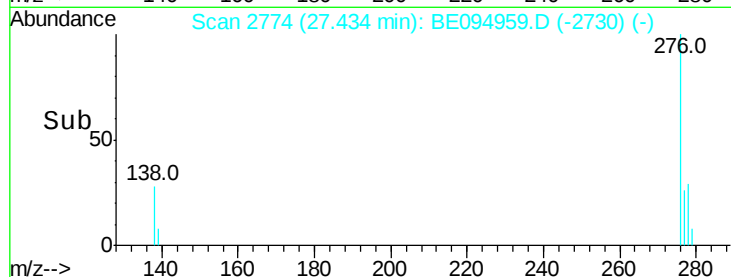
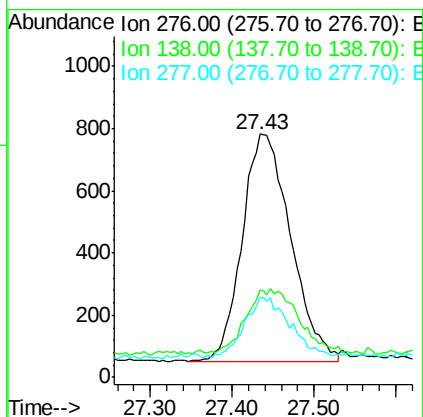
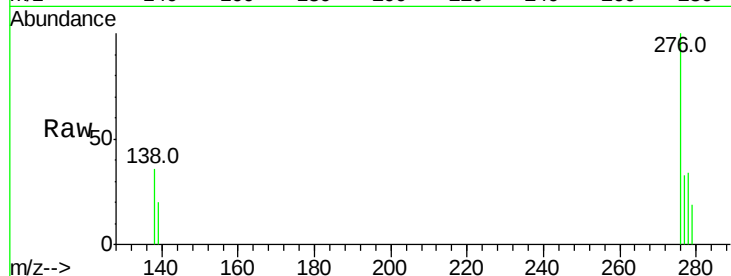
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.048 ng
 RT: 27.43 min Scan# 2774
 Delta R.T. -0.00 min
 Lab File: BE094959.D
 Acq: 8 Dec 2017 21:19

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.0	22.5	33.7#
277	24.7	19.9	29.9

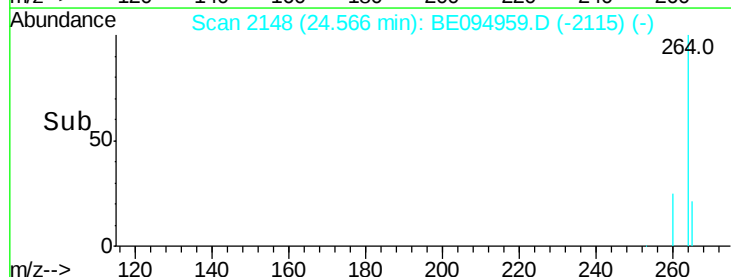
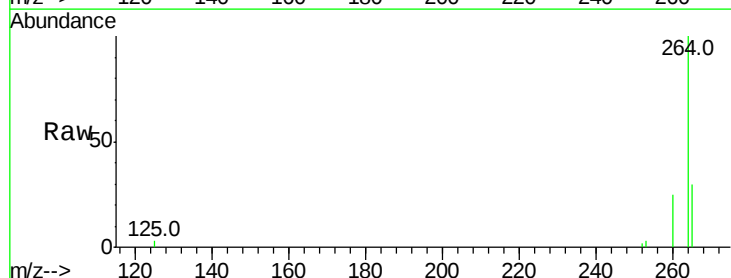
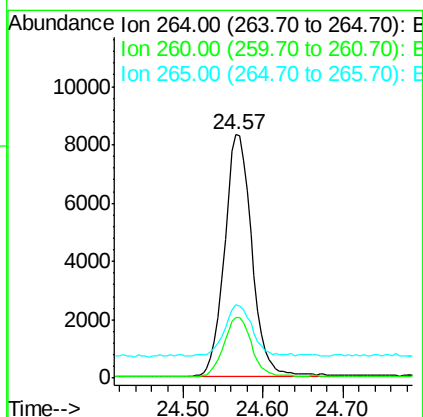
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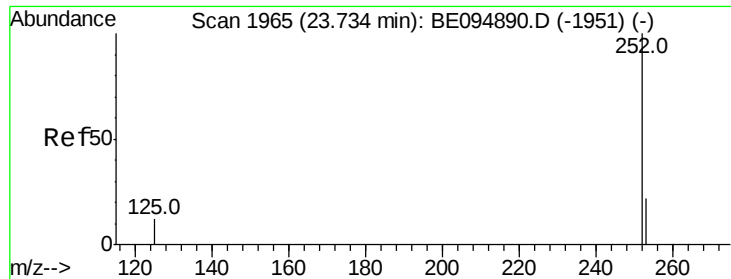
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.57 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BE094959.D
 Acq: 8 Dec 2017 21:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	30.0	22.8	34.2





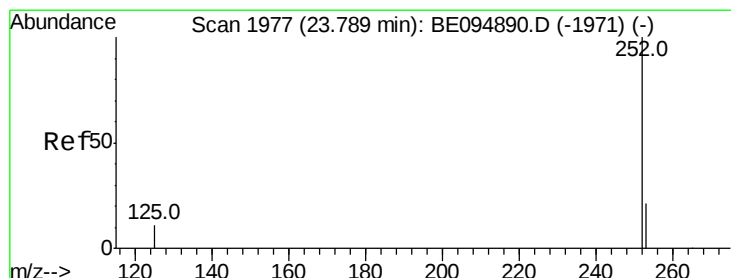
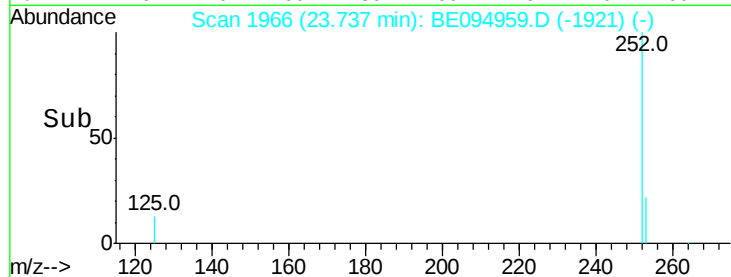
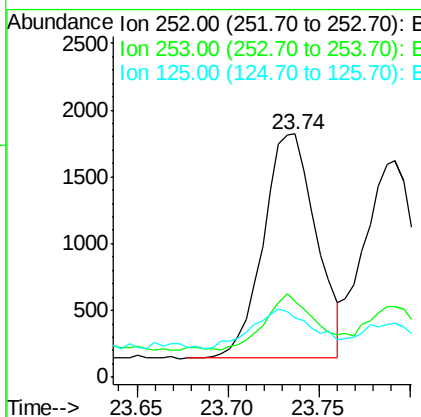
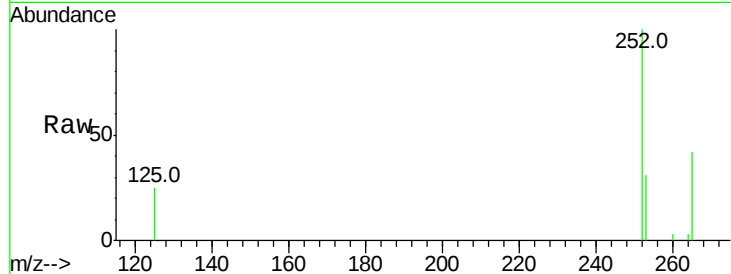
#35
Benzo(b)fluoranthene
Concen: 0.047 ng
RT: 23.74 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE094959.D
Acq: 8 Dec 2017 21:19

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.4	48.0	72.0#
125	24.6	56.0	84.0#

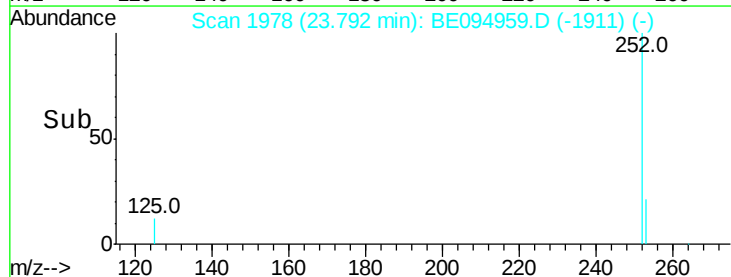
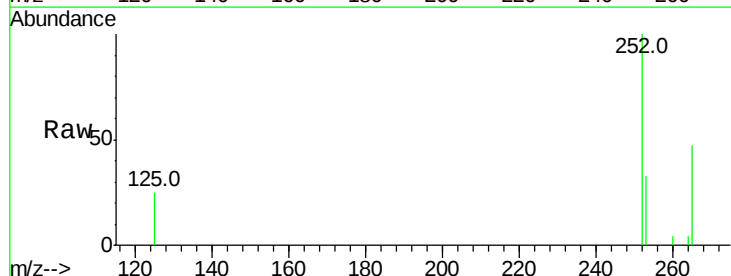
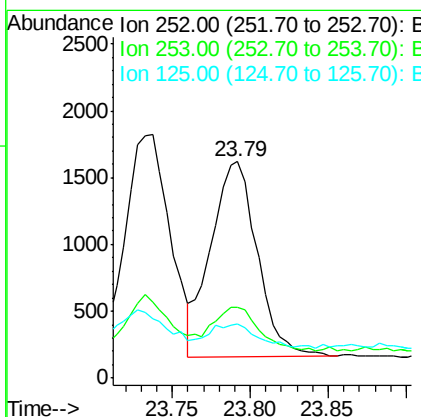
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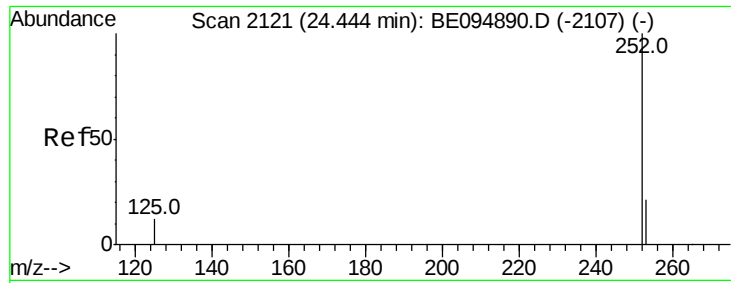
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#36
Benzo(k)fluoranthene
Concen: 0.041 ng
RT: 23.79 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BE094959.D
Acq: 8 Dec 2017 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.7	48.0	72.0#
125	25.3	56.0	84.0#





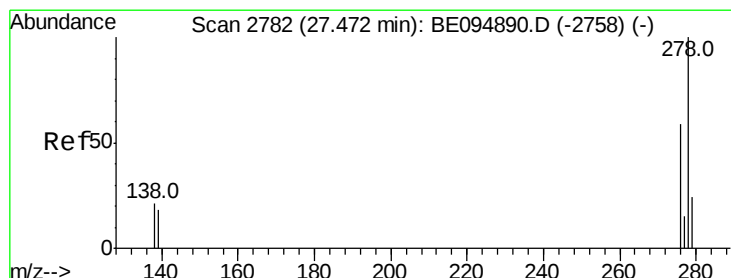
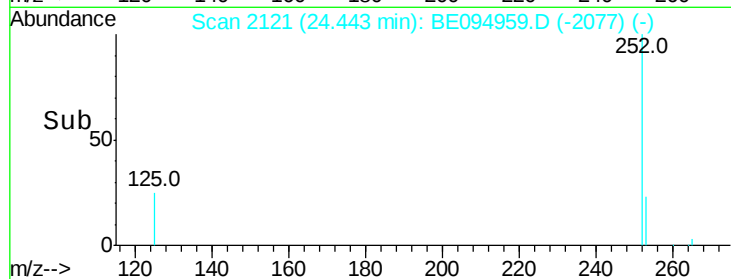
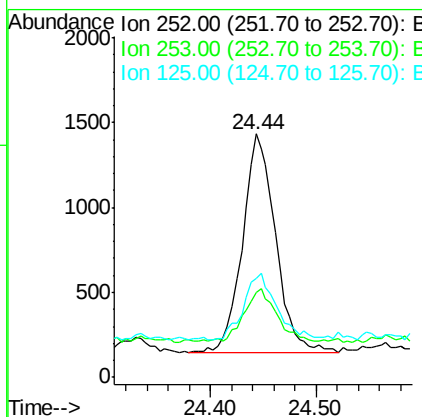
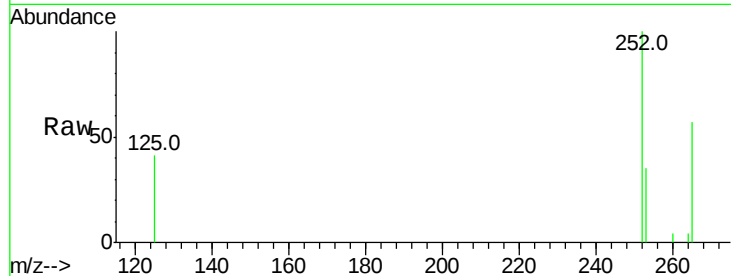
#37
Benzo(a)pyrene
Concen: 0.045 ng
RT: 24.44 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE094959.D
Acq: 8 Dec 2017 21:19

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.9	52.0	78.0#
125	40.7	68.0	102.0#

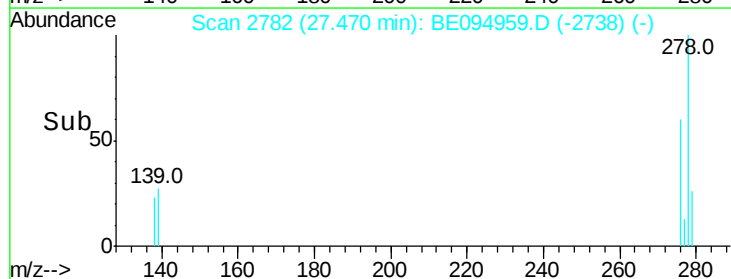
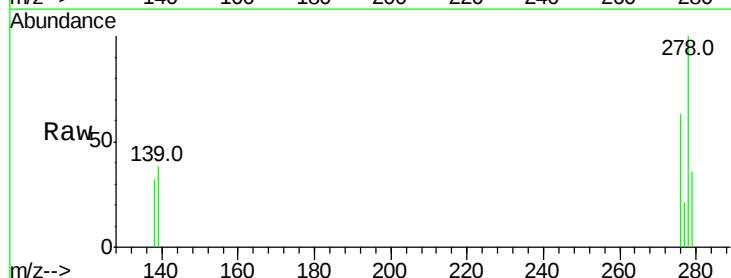
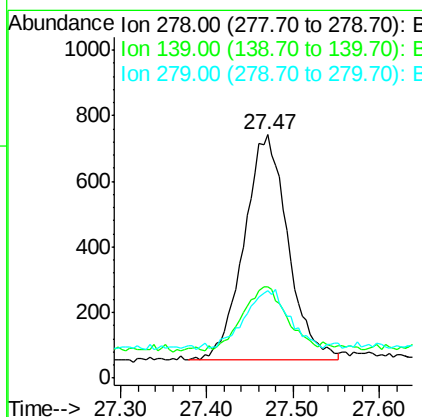
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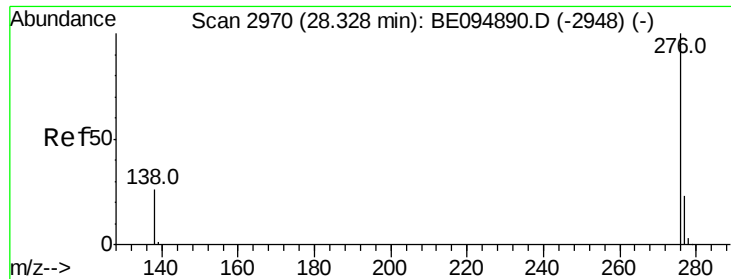
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#38
Dibenzo(a,h)anthracene
Concen: 0.041 ng
RT: 27.47 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BE094959.D
Acq: 8 Dec 2017 21:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.6	56.0	84.0#
279	35.7	52.0	78.0#





#39

Benzo(a,h,i)perylene

Concen: 0.045 ng

RT: 28.33 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BE094959.D

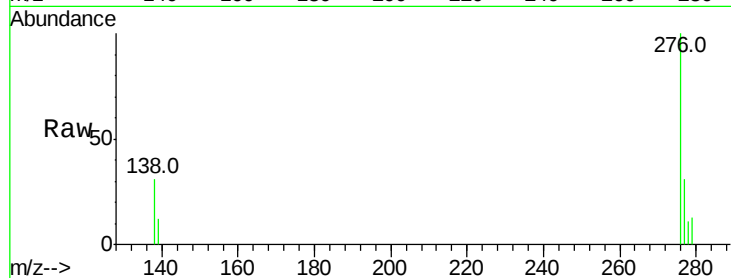
Acq: 8 Dec 2017 21:19

Instrument :

BNA_E

ClientSampleId :

FT-PZ-456I-20171204



Tot Ion	Ratio	Lower	Upper
276	100		
277	31.0	52.0	78.0#
138	30.7	44.0	66.0#

Manual Integrations
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