

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
 Data File : BE093949.D
 Acq On : 5 Sep 2017 22:43
 Operator : SJ/JU
 Sample : I5066-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-1

Manual Integrations
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Sohil
 9/7/2017 6:32:01 PM

Quant Time: Sep 06 06:58:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2090	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10228	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6136	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10673	0.40	ng	-0.03
27) Chrysene-d12	21.41	240	14636	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12883	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1491	0.22	ng	0.00
5) Phenol-d6	7.12	99	1379	0.14	ng	0.00
8) Nitrobenzene-d5	9.08	82	2951	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5304	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	618	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	7726	0.32	ng	0.00
25) Fluoranthene-d10	19.28	212	57764	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	11679	0.43	ng	-0.01
Target Compounds						
16) Acenaphthylene	14.24	152	1069	0.035	ng	Qvalue # 84
24) Anthracene	17.37	178	1009m	0.031	ng	
26) Fluoranthene	19.30	202	5292	0.111	ng	99
28) Pyrene	19.67	202	5190	0.103	ng	98
30) Benzo(a)anthracene	21.40	228	3847	0.086	ng	# 77
31) Chrysene	21.45	228	3464	0.073	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.30	149	13451	0.123	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.59	276	3540	0.112	ng	92
35) Benzo(b)fluoranthene	23.16	252	6318	0.154	ng	# 74
36) Benzo(k)fluoranthene	23.20	252	2083m	0.041	ng	
37) Benzo(a)pyrene	23.82	252	5096	0.122	ng	# 74
39) Benzo(a,h,i)perylene	27.41	276	3538	0.121	ng	# 78

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

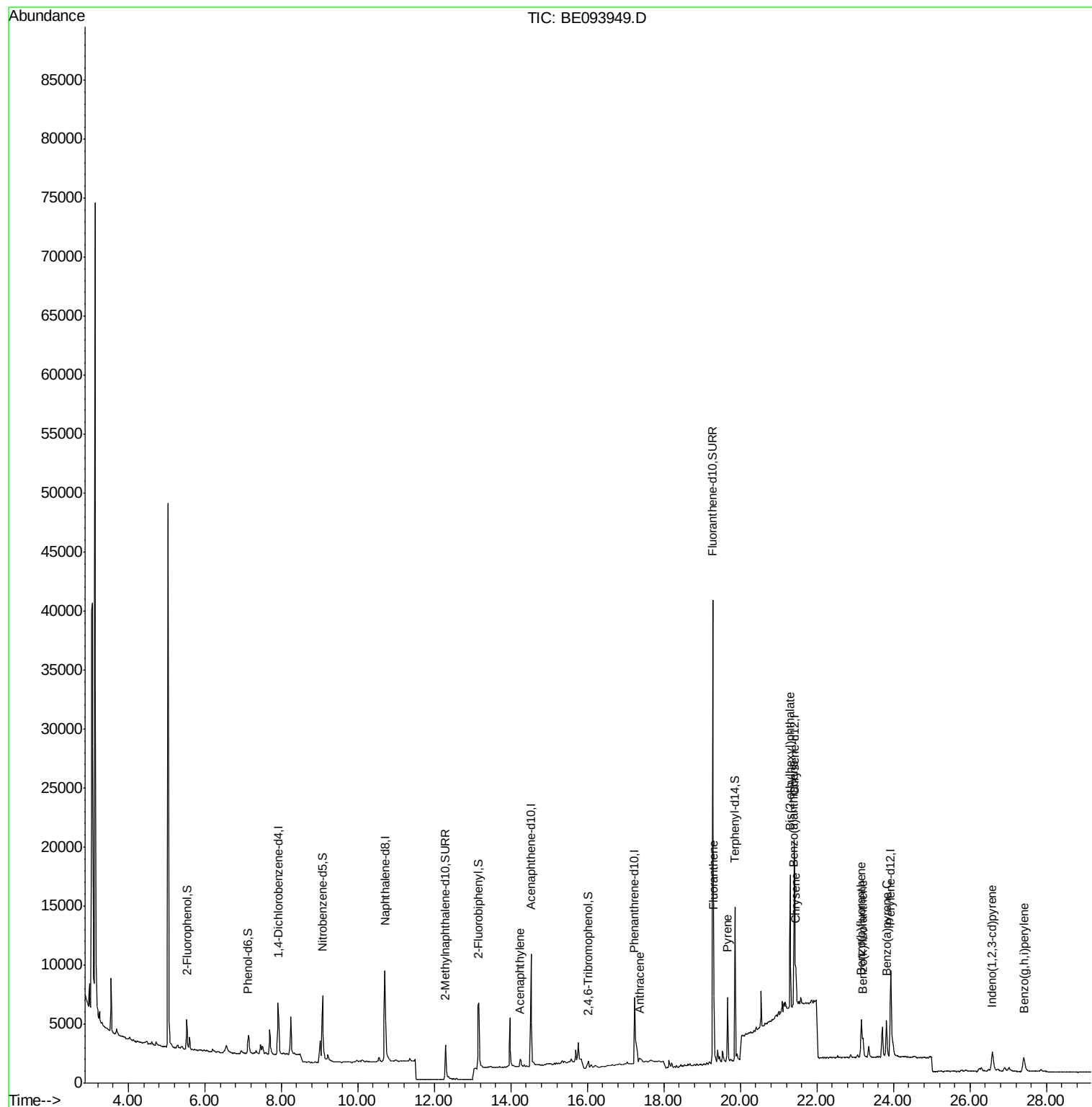
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093949.D
Acq On : 5 Sep 2017 22:43
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ALS Vial : 15 Sample Multiplier: 1

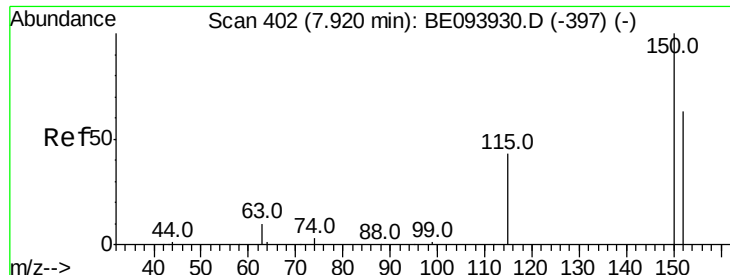
Instrument :
BNA_E
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TW-1

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Quant Time: Sep 06 06:58:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

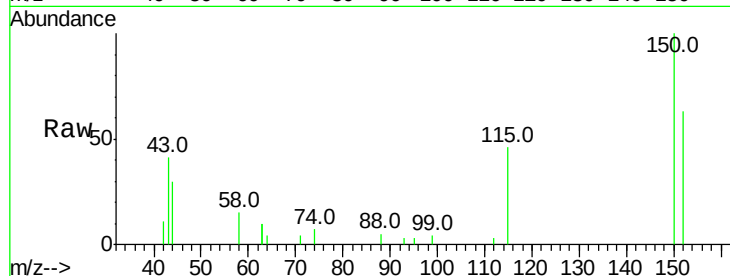
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Instrument :
BNA_E
ClientSampled :
TW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	121.8	182.6
115	72.7	52.6	79.0

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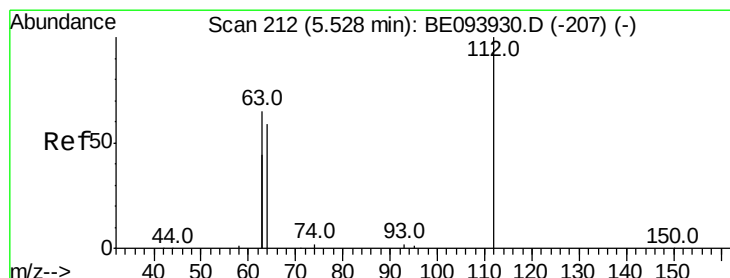
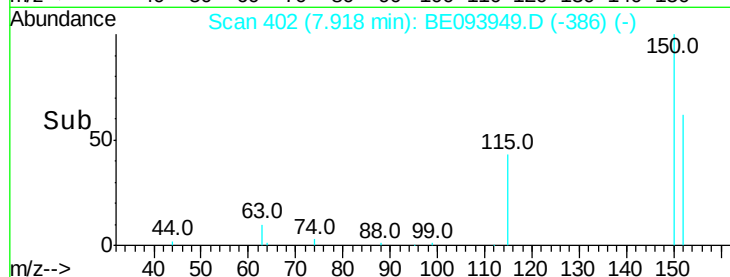
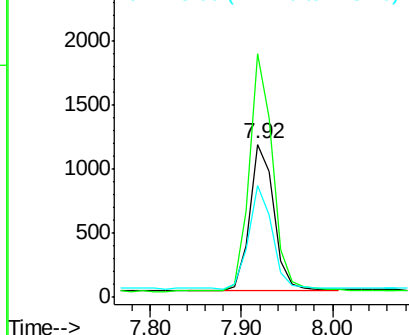


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

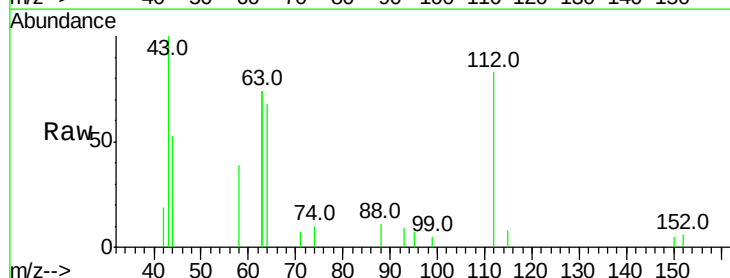
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.221 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	57.7	86.5
63	148.8	116.0	174.0

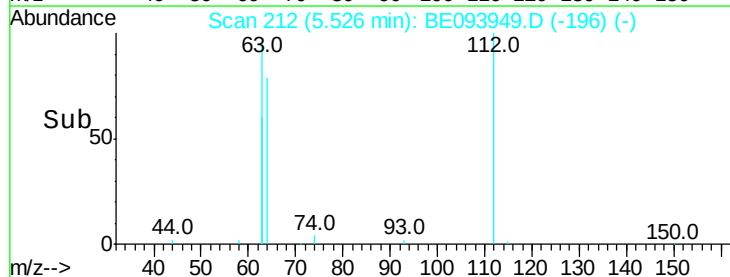
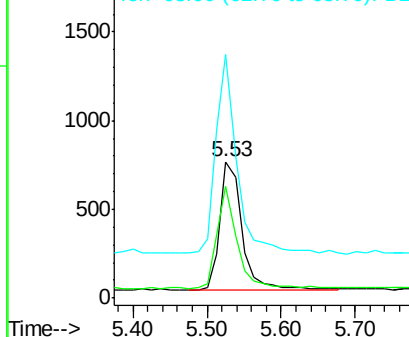


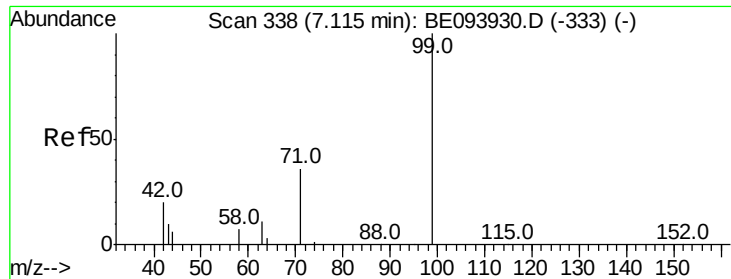
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.136 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093949.D

Acq: 5 Sep 2017 22:43

Instrument :

BNA_E

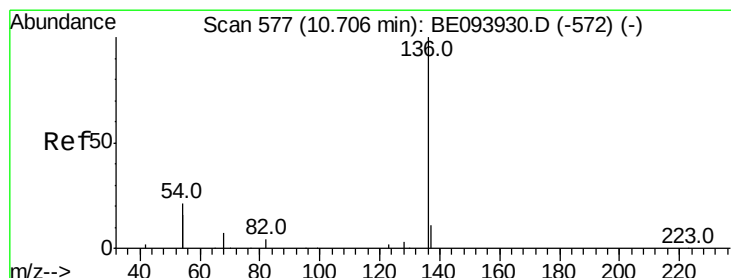
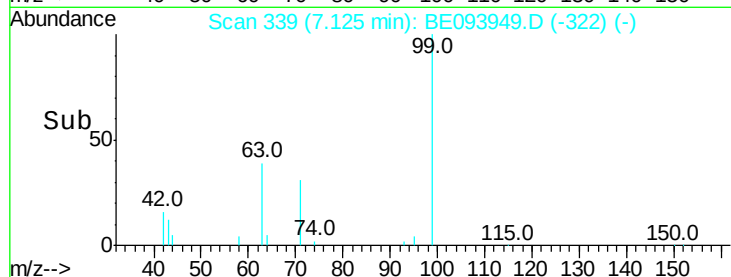
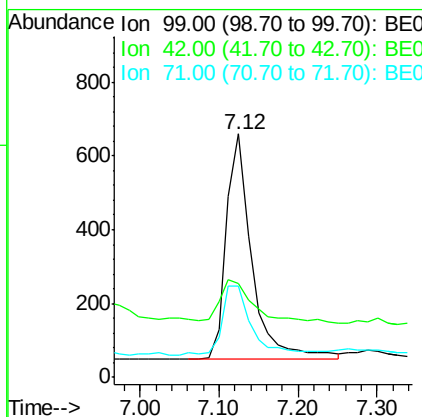
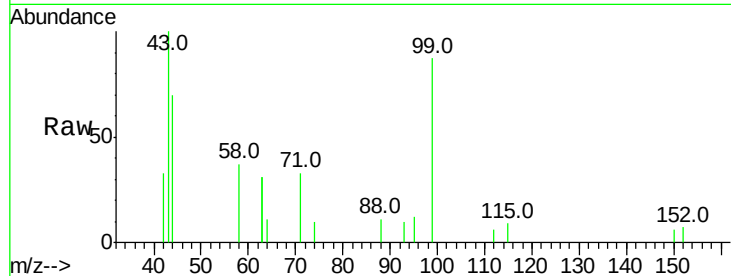
ClientSampled :

TW-1

Tot Ion:	99	Resp:	1379
Ion	Ratio	Lower	Upper
99	100		
42	26.5	17.1	25.7#
71	35.5	26.6	39.8

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#7

Naphthalene-d8

Concen: 0.400 ng

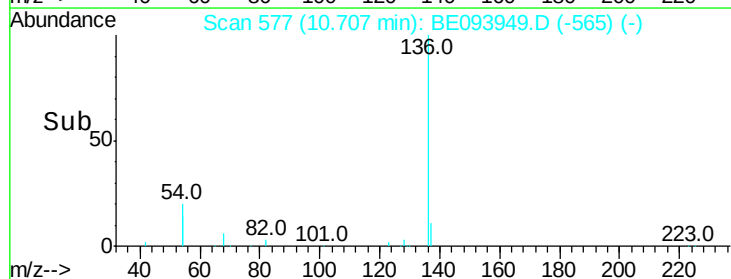
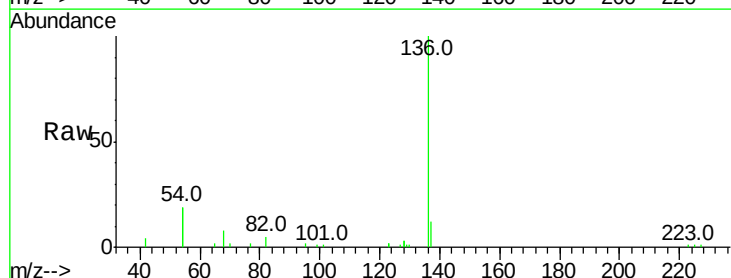
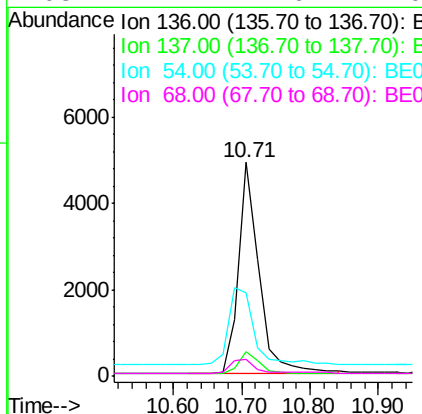
RT: 10.71 min Scan# 577

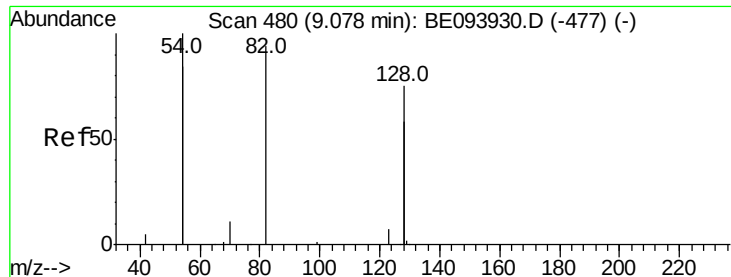
Delta R.T. 0.00 min

Lab File: BE093949.D

Acq: 5 Sep 2017 22:43

Tgt Ion:	136	Resp:	10228
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	38.9	21.9	32.9#
68	7.7	4.6	7.0#





#8

Nitrobenzene-d5

Concen: 0.341 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093949.D

Acq: 5 Sep 2017 22:43

Instrument :

BNA_E

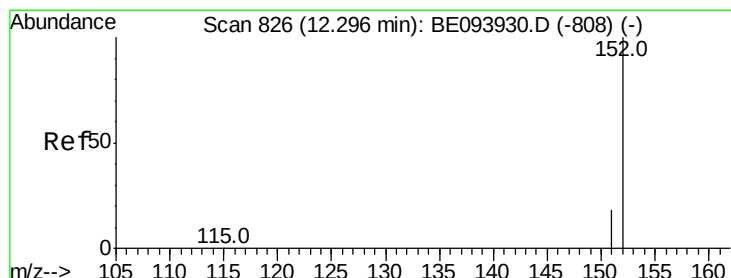
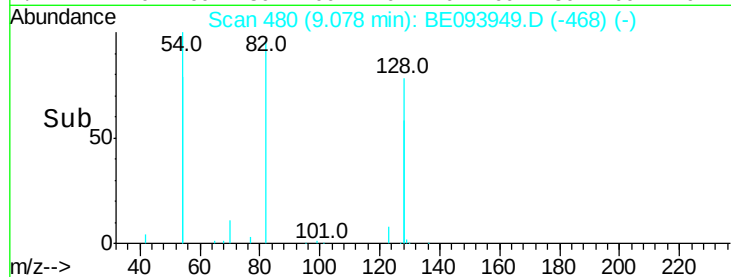
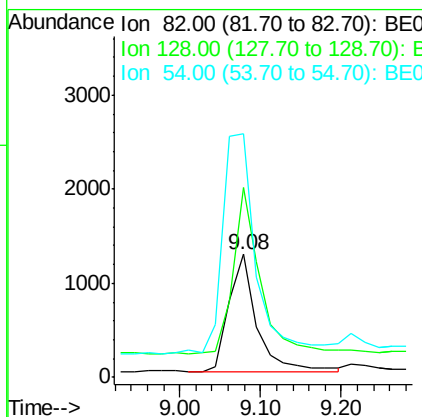
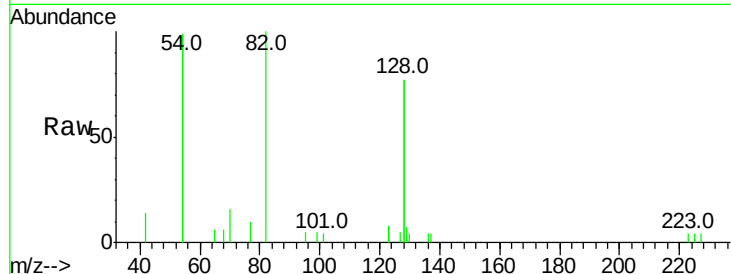
ClientSampled :

TW-1

Tot Ion:	82	Resp:	2951
Ion	Ratio	Lower	Upper
82	100		
128	154.3	91.4	137.0#
54	197.9	197.8	296.8

Manual Integrations
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#11

2-Methylnaphthalene-d10

Concen: 0.324 ng

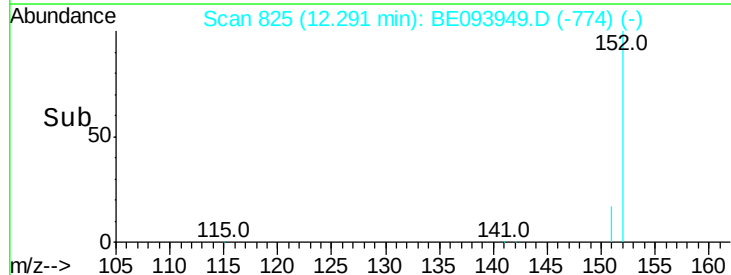
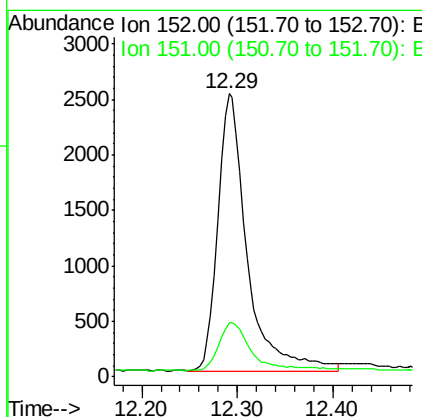
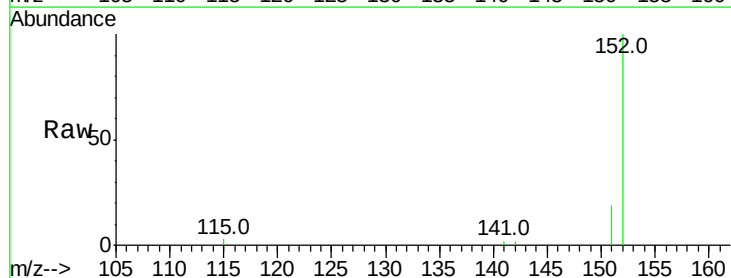
RT: 12.29 min Scan# 825

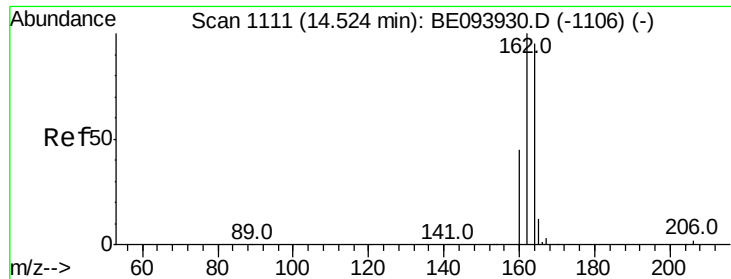
Delta R.T. -0.01 min

Lab File: BE093949.D

Acq: 5 Sep 2017 22:43

Tgt Ion:	152	Resp:	5304
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.0





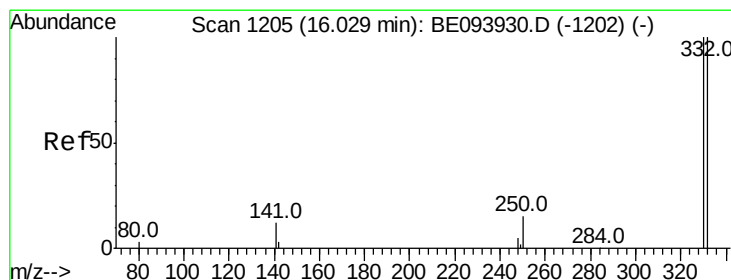
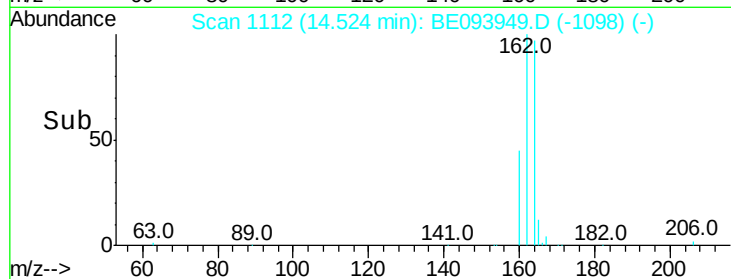
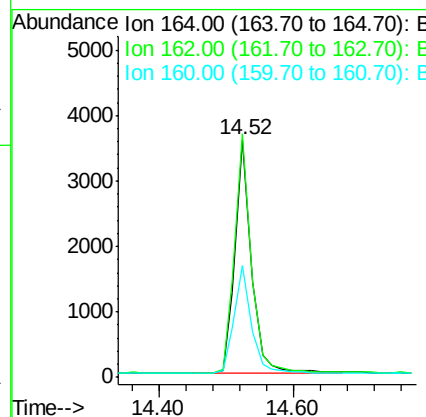
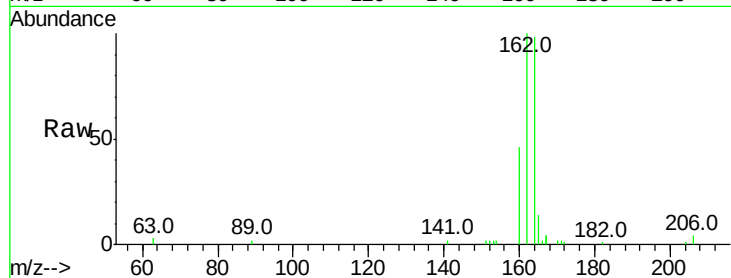
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093949.D
 Acq: 5 Sep 2017 22:43

Instrument :
 BNA_E
 ClientSampled :
 TW-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.8	121.2
160	47.0	37.0	55.4

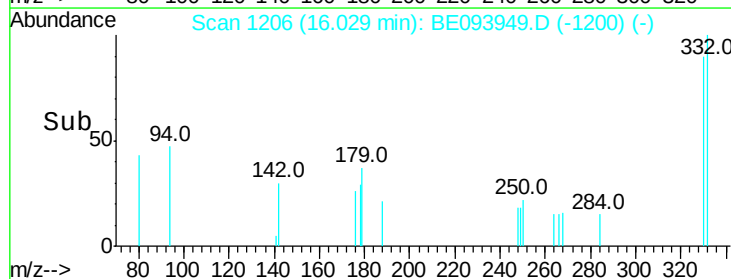
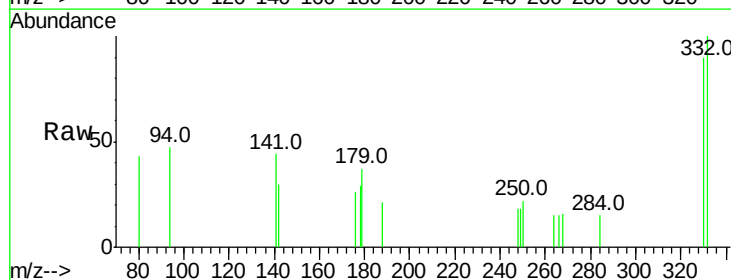
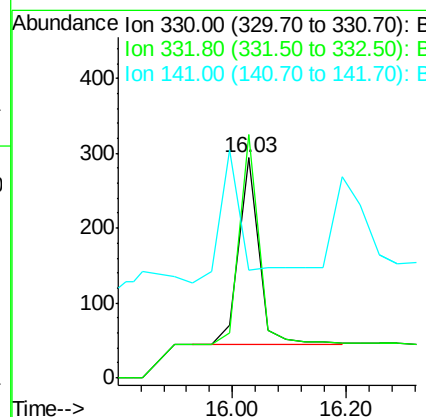
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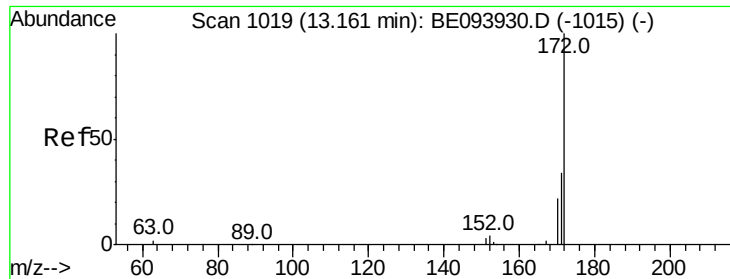
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#14
 2,4,6-Tribromophenol
 Concen: 0.325 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093949.D
 Acq: 5 Sep 2017 22:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	105.7	76.9	115.3
141	0.0	0.0	0.0





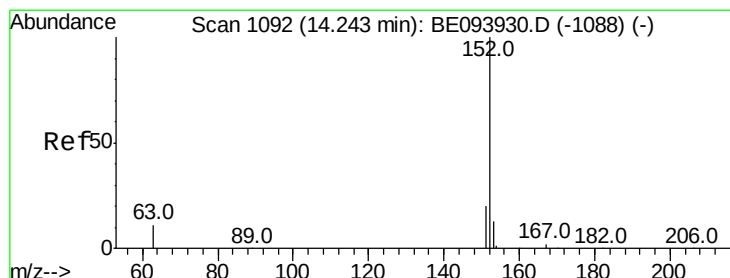
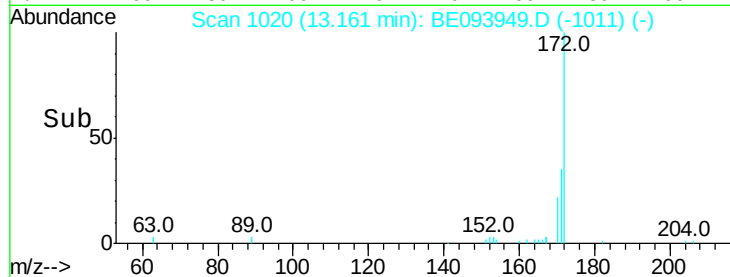
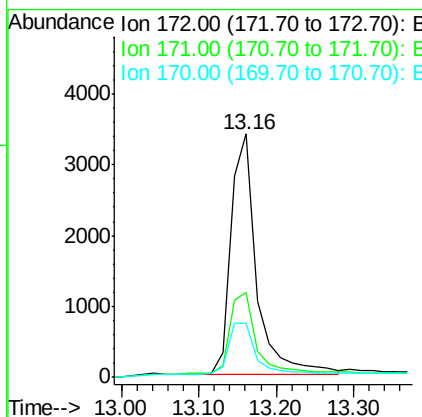
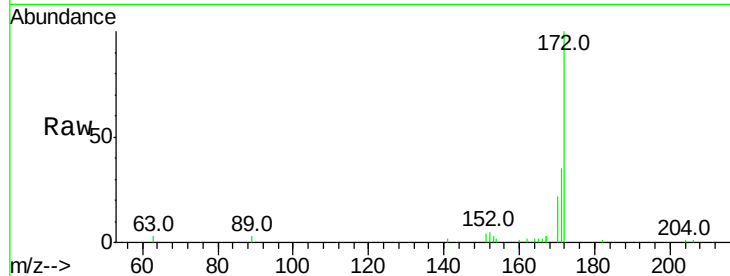
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Instrument :
BNA_E
ClientSampleId :
TW-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.9	40.3
170	22.1	17.3	25.9

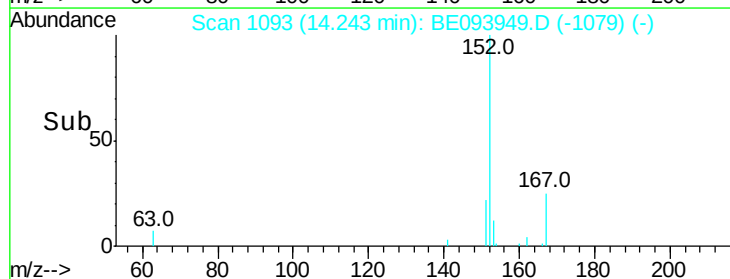
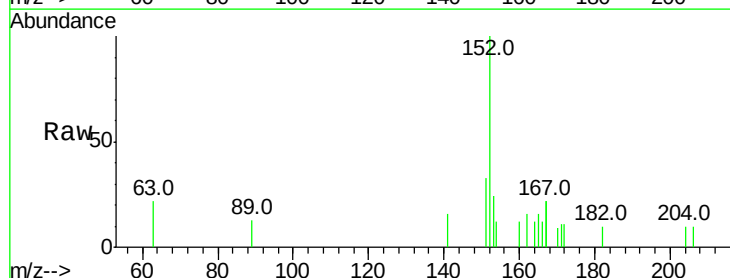
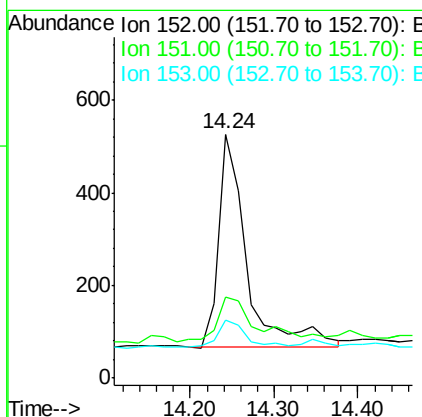
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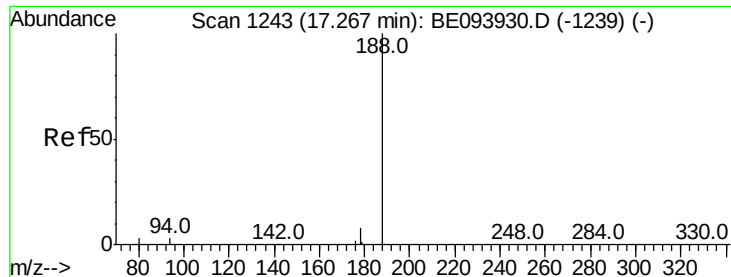
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#16
Acenaphthylene
Concen: 0.035 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	31.6	15.7	23.5#
153	13.6	10.6	16.0





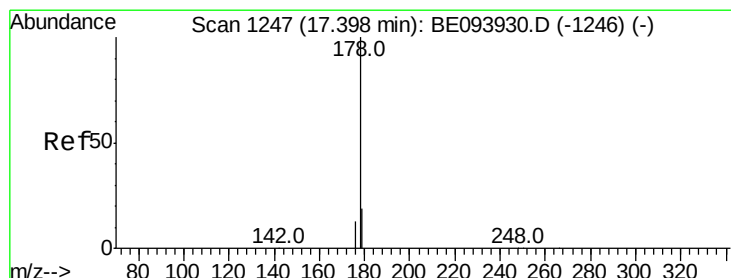
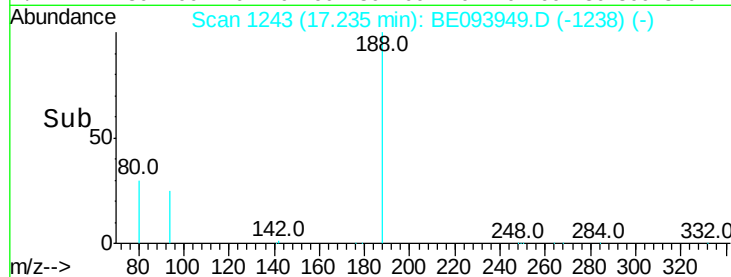
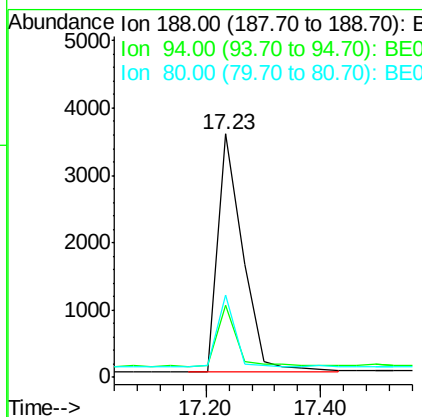
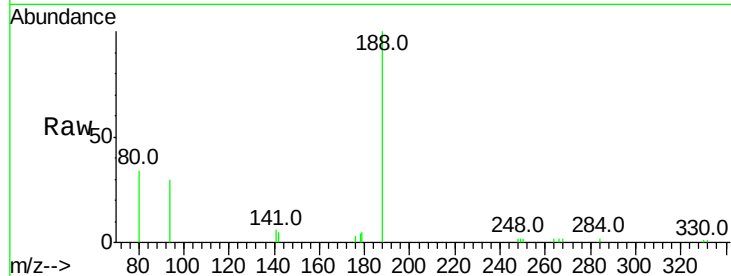
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Instrument :
BNA_E
ClientSampled :
TW-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	29.6	16.1	24.1#	
80	33.6	18.2	27.2#	

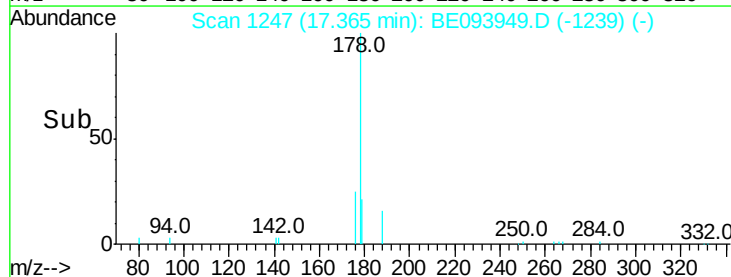
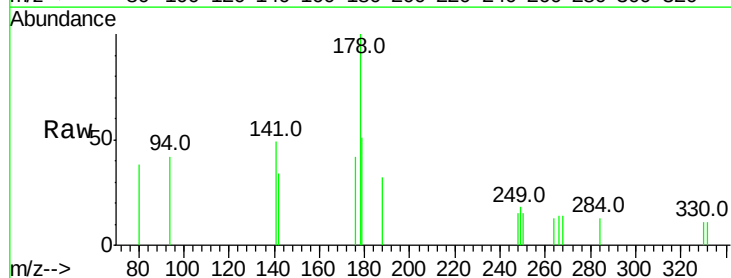
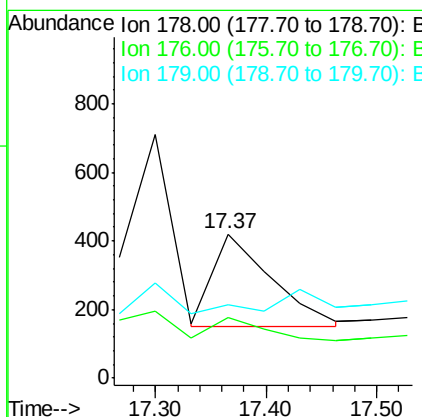
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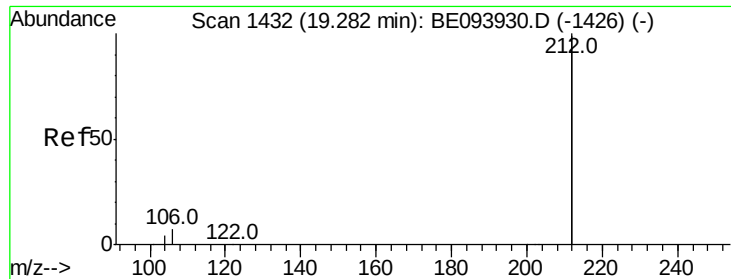
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#24
Anthracene
Concen: 0.031 ng m
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	66.5	16.0	24.0#	
179	70.2	0.0	0.0#	





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093949.D

Acq: 5 Sep 2017 22:43

Instrument :

BNA_E

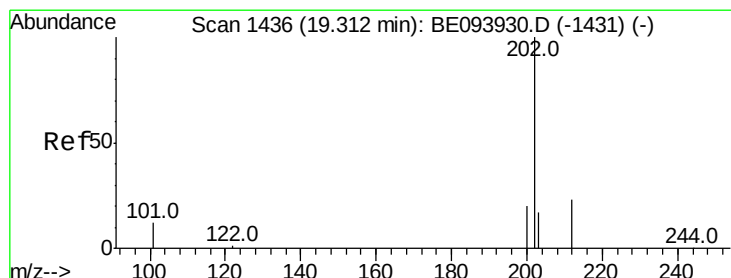
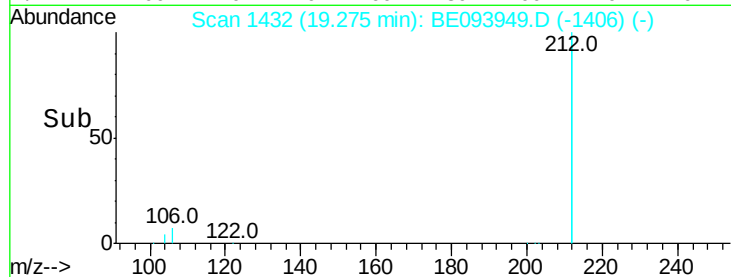
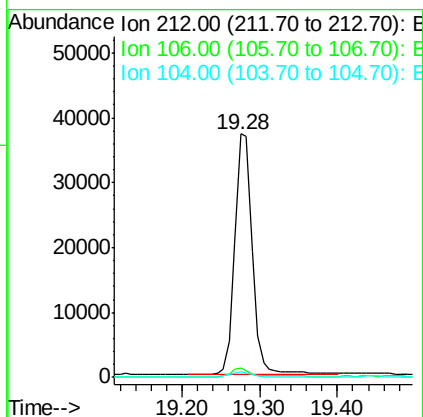
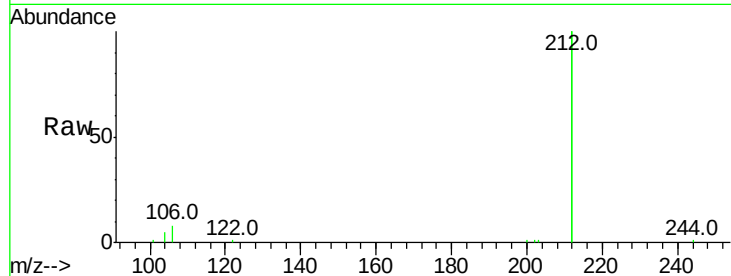
ClientSampleId :

TW-1

Tot Ion:	212	Resp:	57764
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.7	4.1
104	2.0	1.6	2.4

Manual Integrations
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#26

Fluoranthene

Concen: 0.111 ng

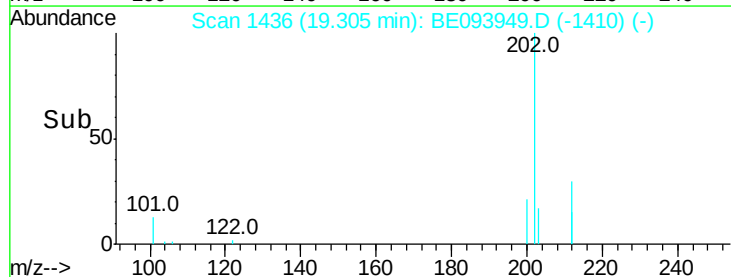
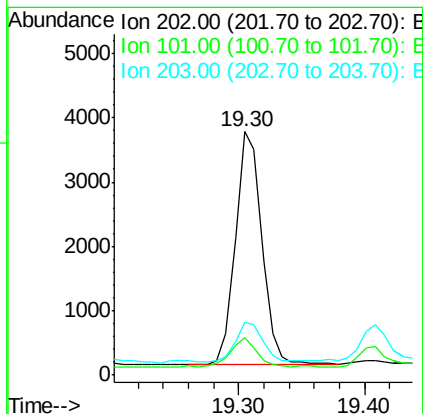
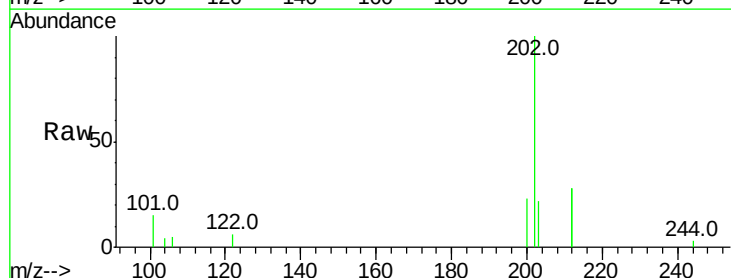
RT: 19.30 min Scan# 1436

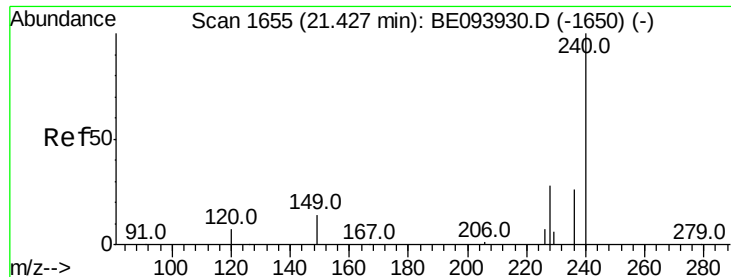
Delta R.T. -0.01 min

Lab File: BE093949.D

Acq: 5 Sep 2017 22:43

Tgt Ion:	202	Resp:	5292
Ion Ratio	Lower	Upper	
202	100		
101	13.2	9.7	14.5
203	17.2	13.7	20.5





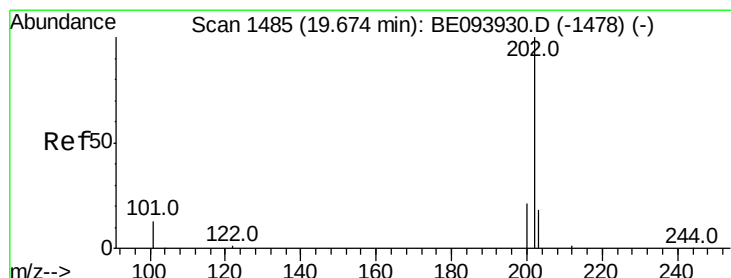
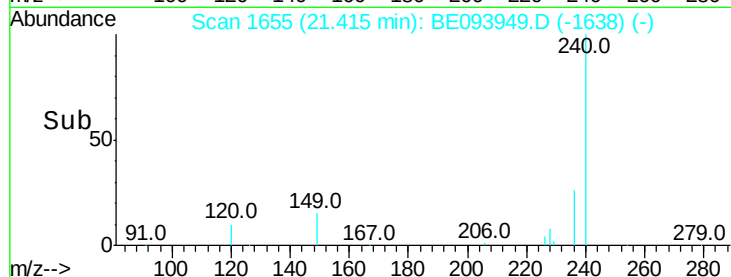
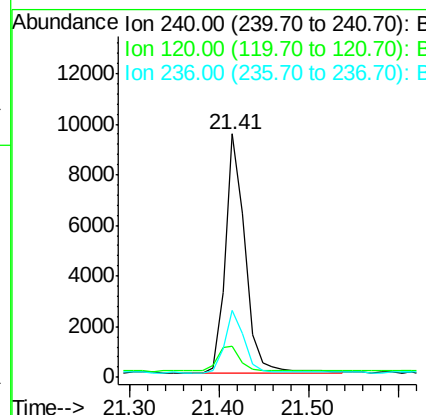
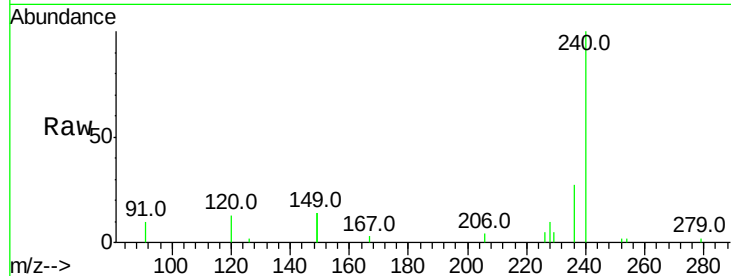
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Instrument :
BNA_E
ClientSampled :
TW-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.7	13.1
236	27.3	21.3	31.9

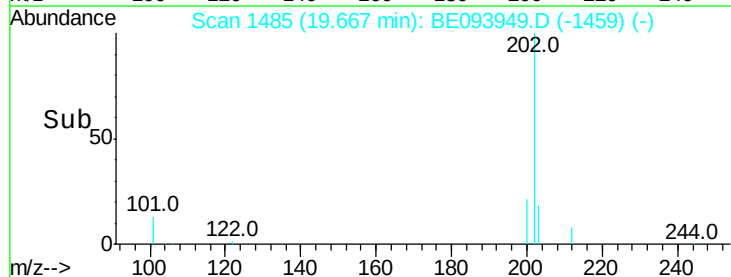
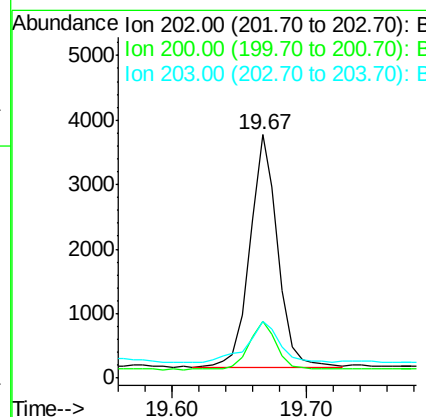
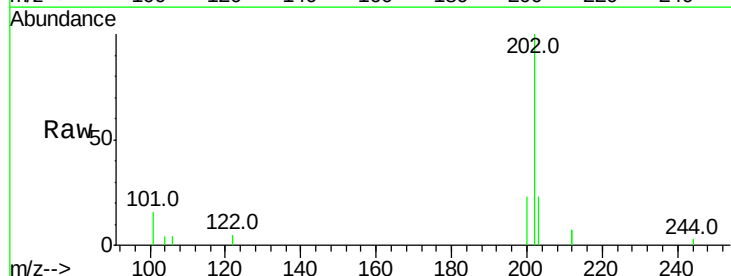
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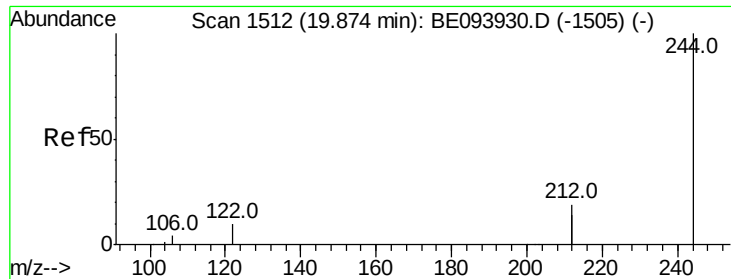
Sohil
9/7/2017 6:32:01 PM



#28
Pyrene
Concen: 0.103 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	19.9	14.2	21.4





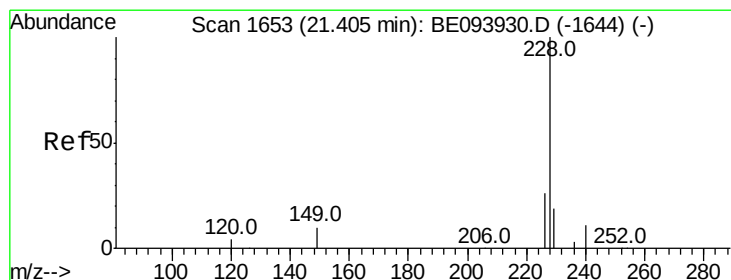
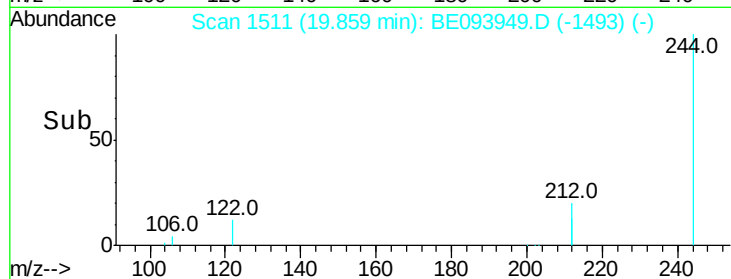
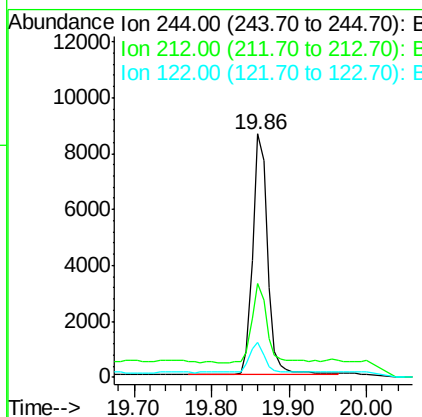
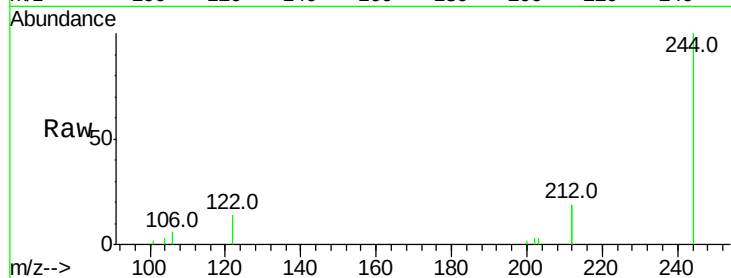
#29
 Terphenyl-d14
 Concen: 0.434 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093949.D
 Acq: 5 Sep 2017 22:43

Instrument :
 BNA_E
 ClientSampled :
 TW-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	38.7	28.3	42.5
122	14.2	9.4	14.0

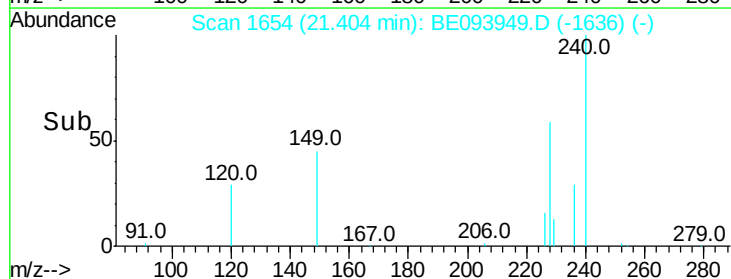
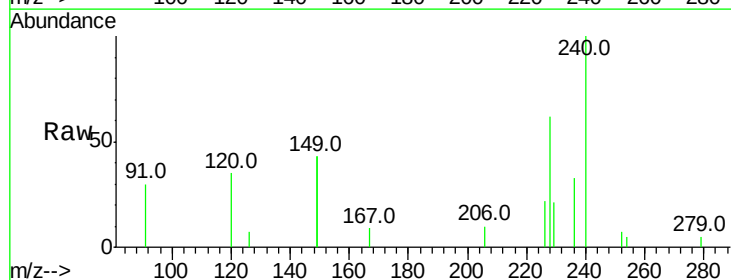
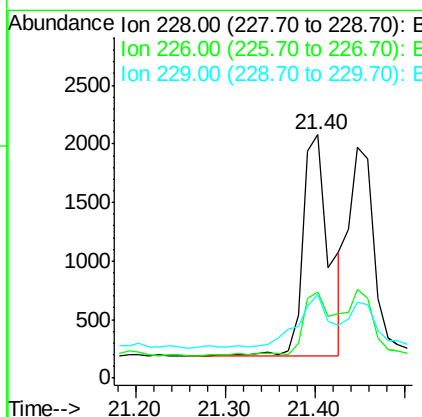
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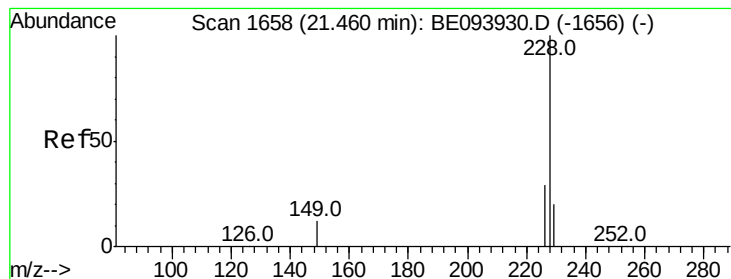
Sohil
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#30
 Benzo(a)anthracene
 Concen: 0.086 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE093949.D
 Acq: 5 Sep 2017 22:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.4	20.8	31.2
229	34.2	16.6	25.0





#31

Chrysene

Concen: 0.073 ng

RT: 21.45 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BE093949.D

Acq: 5 Sep 2017 22:43

Instrument :

BNA_E

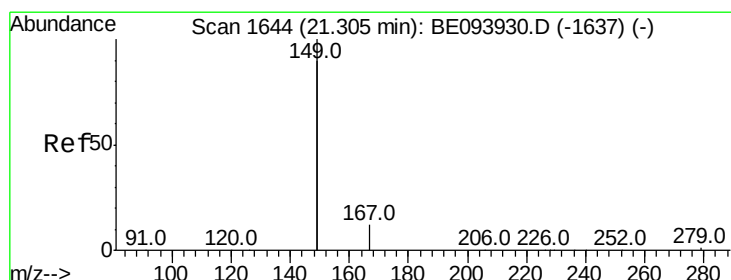
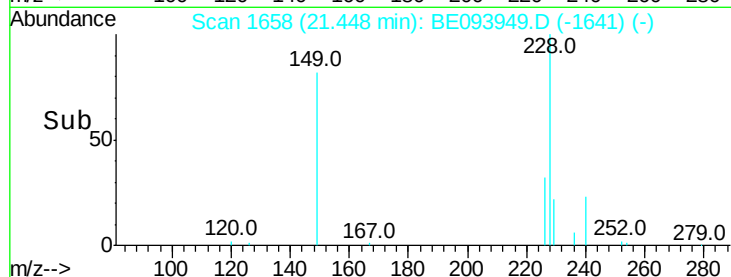
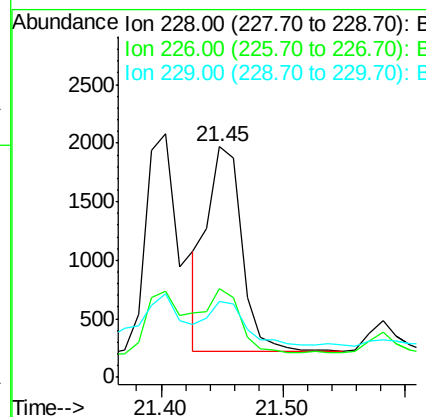
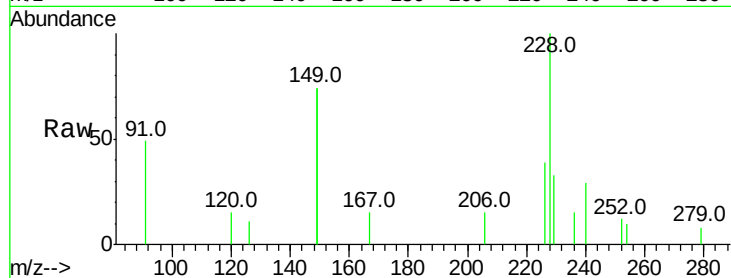
ClientSampled :

TW-1

Tot Ion:228 Resp: 3464
 Ion Ratio Lower Upper
 228 100
 226 38.7 24.6 37.0#
 229 33.1 15.8 23.8#

Manual Integrations
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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.123 ng

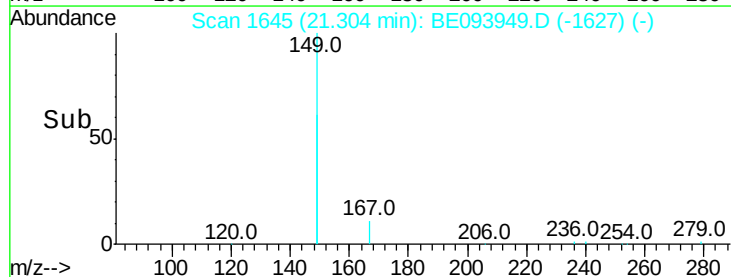
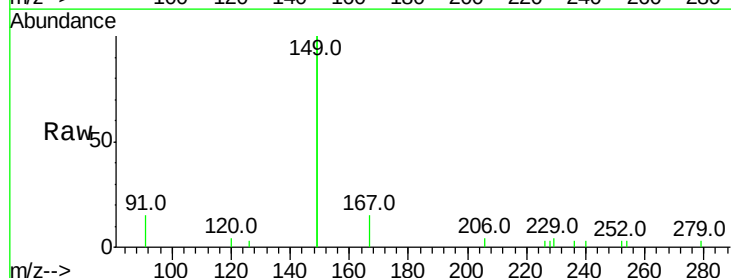
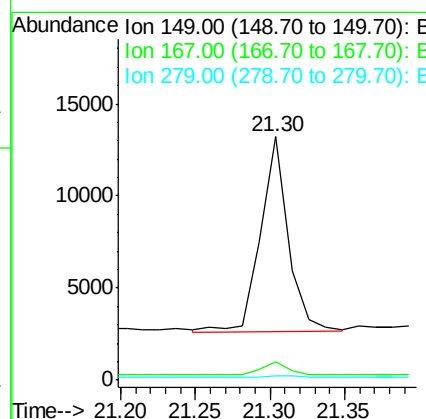
RT: 21.30 min Scan# 1645

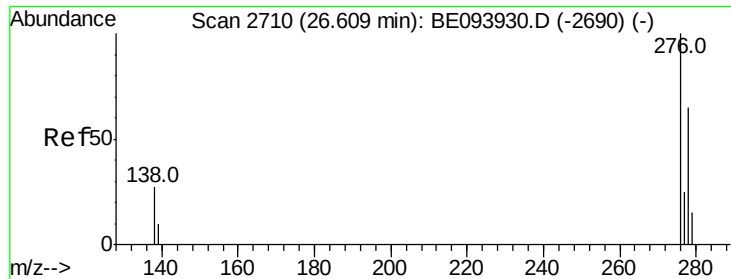
Delta R.T. -0.00 min

Lab File: BE093949.D

Acq: 5 Sep 2017 22:43

Tgt Ion:149 Resp: 13451
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.1 0.7 1.1#





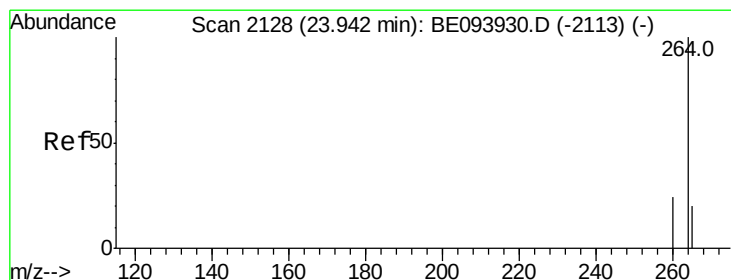
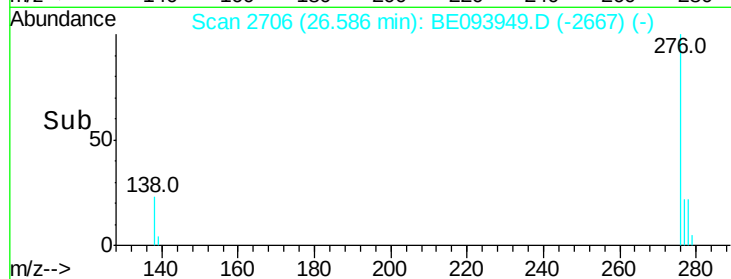
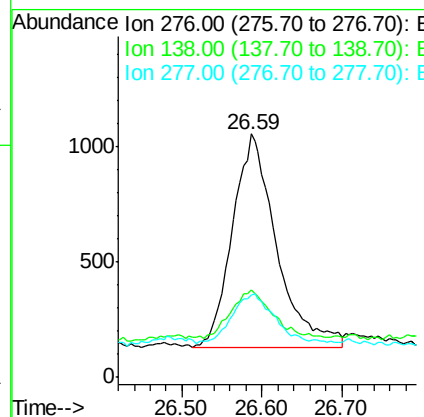
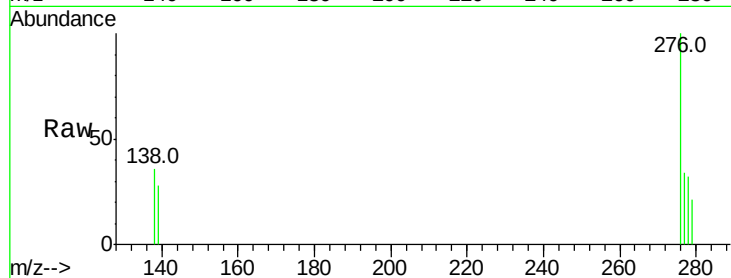
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.112 ng
 RT: 26.59 min Scan# 2706
 Delta R.T. -0.02 min
 Lab File: BE093949.D
 Acq: 5 Sep 2017 22:43

Instrument :
 BNA_E
 ClientSampled :
 TW-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	22.2	33.2
277	21.2	19.5	29.3

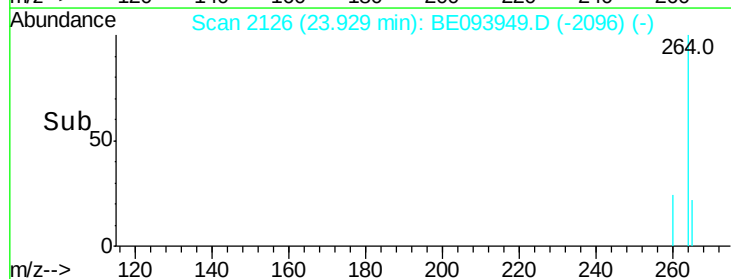
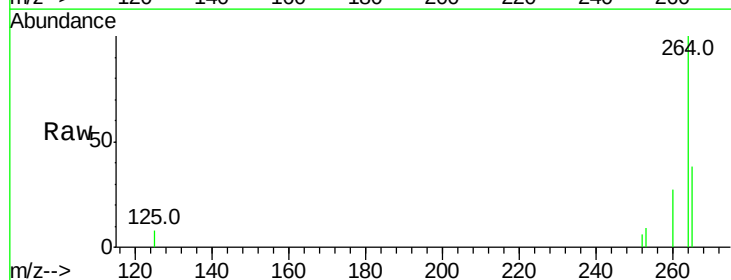
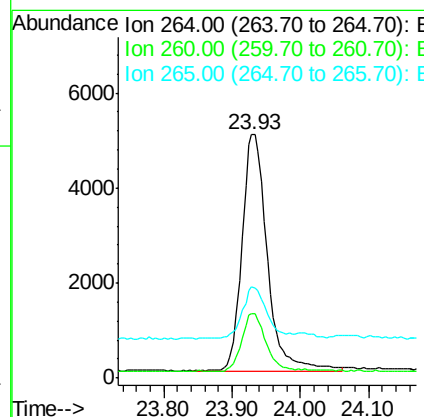
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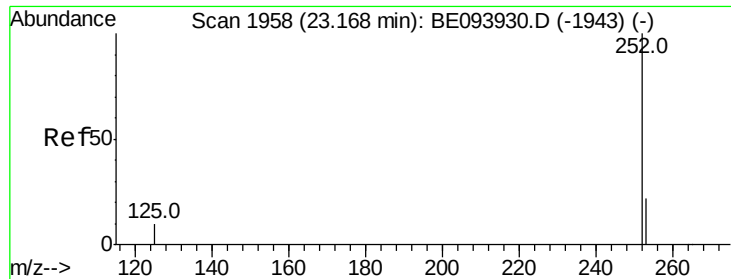
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093949.D
 Acq: 5 Sep 2017 22:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.0	30.0
265	37.6	24.0	36.0#





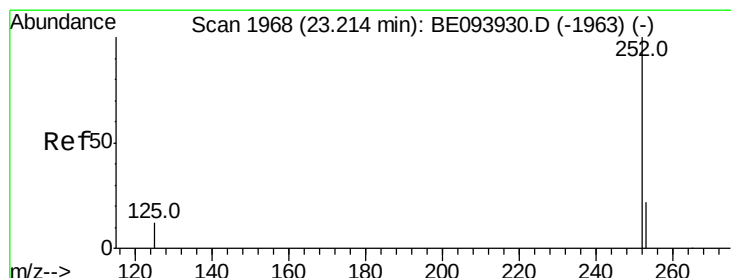
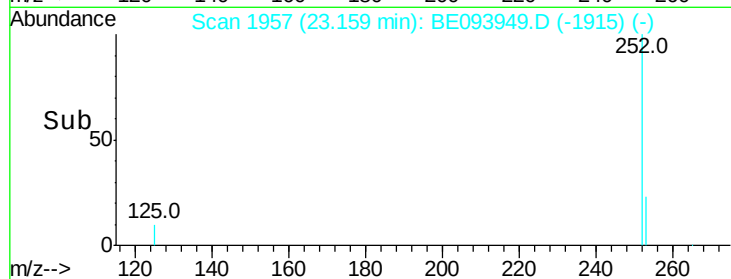
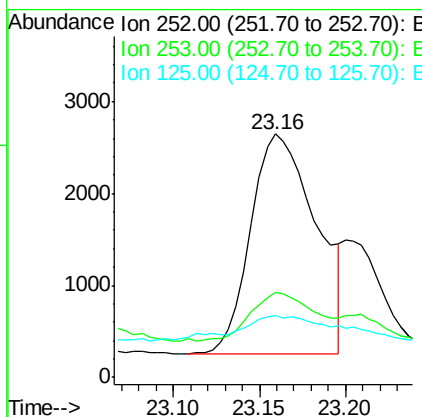
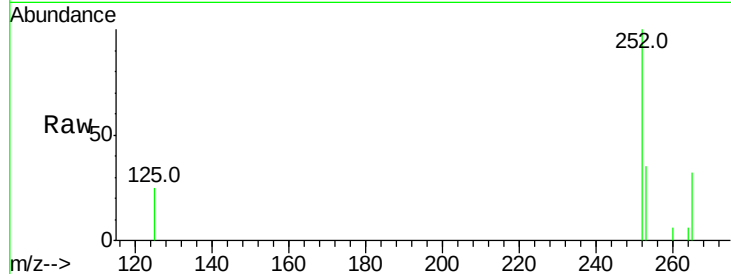
#35
Benzo(b)fluoranthene
Concen: 0.154 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Instrument :
BNA_E
ClientSampled :
TW-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.0	19.4	29.0#
125	25.4	10.0	15.0#

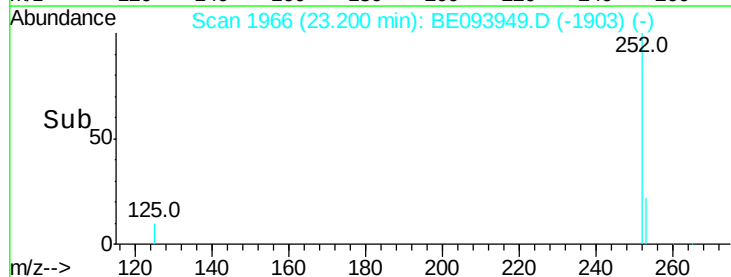
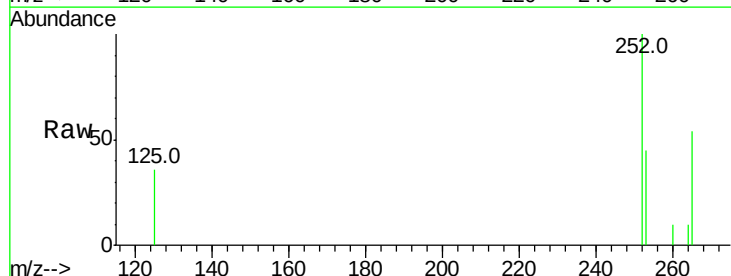
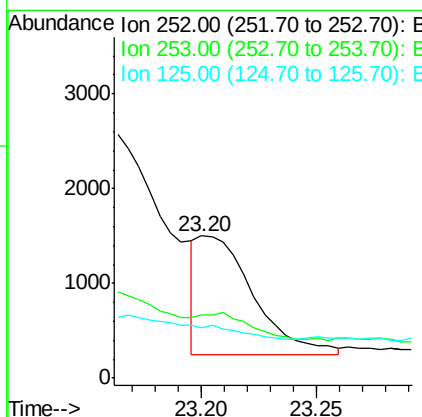
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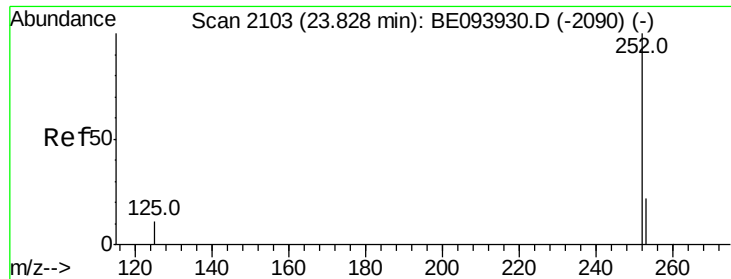
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#36
Benzo(k)fluoranthene
Concen: 0.041 ng m
RT: 23.20 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.7	18.1	27.1#
125	35.7	9.8	14.6#





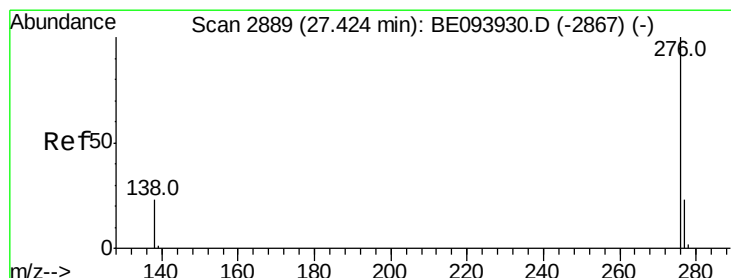
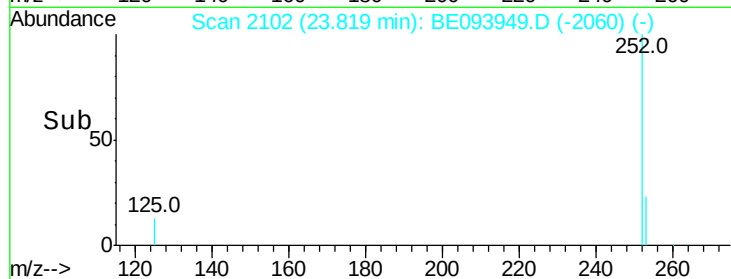
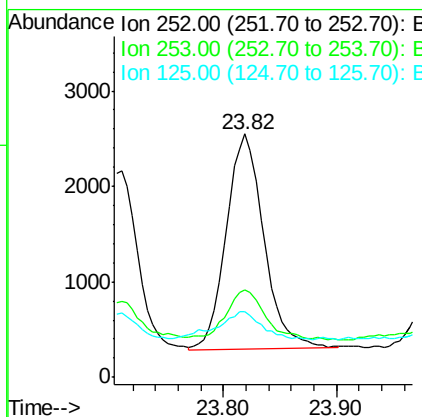
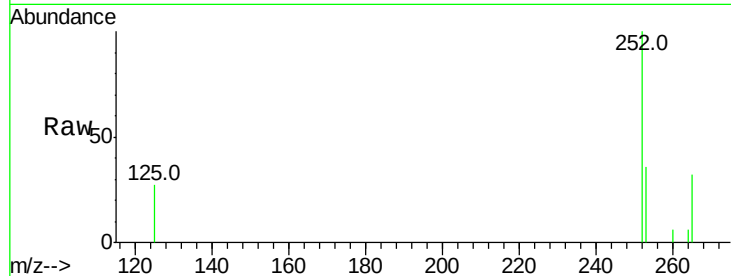
#37
Benzo(a)pyrene
Concen: 0.122 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Instrument :
BNA_E
ClientSampled :
TW-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.1	19.6	29.4#
125	27.0	11.8	17.8#

Manual Integrations
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Sohil
9/7/2017 6:32:01 PM



#39
Benzo(g,h,i)perylene
Concen: 0.121 ng
RT: 27.41 min Scan# 2886
Delta R.T. -0.02 min
Lab File: BE093949.D
Acq: 5 Sep 2017 22:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	36.7	20.6	30.8#
138	38.9	21.9	32.9#

