

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099087.D
 Acq On : 22 Mar 2019 19:33
 Operator : JU/SJ
 Sample : K1948-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-SW064-031219

Manual Integrations
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 3/25/2019 12:11:53 PM

Quant Time: Mar 23 01:25:00 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 23 00:46:37 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2973	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	11289	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	7155	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	20934	0.40	ng	0.00
27) Chrysene-d12	21.39	240	31630	0.40	ng	0.00
34) Perylene-d12	23.90	264	34707	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	3983	0.45	ng	0.00
5) Phenol-d6	6.99	99	5822	0.46	ng	0.00
8) Nitrobenzene-d5	8.99	82	2950m	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8436	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1117	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	11879	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	124475	0.45	ng	0.00
29) Terphenyl-d14	19.84	244	21198	0.32	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.25	178	4861	0.078	ng	99
26) Fluoranthene	19.27	202	10707	0.122	ng	98
28) Pyrene	19.63	202	9684	0.090	ng	96
30) Benzo(a)anthracene	21.37	228	6091	0.055	ng	98
31) Chrysene	21.43	228	7047m	0.063	ng	
32) Bis(2-ethylhexyl)phthalate	21.31	149	18700	0.129	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	3865	0.032	ng	# 84
35) Benzo(b)fluoranthene	23.13	252	8577	0.071	ng	# 83
36) Benzo(k)fluoranthene	23.17	252	3709m	0.032	ng	
37) Benzo(a)pyrene	23.79	252	5616	0.051	ng	# 86
39) Benzo(g,h,i)perylene	27.38	276	4084	0.037	ng	# 85

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

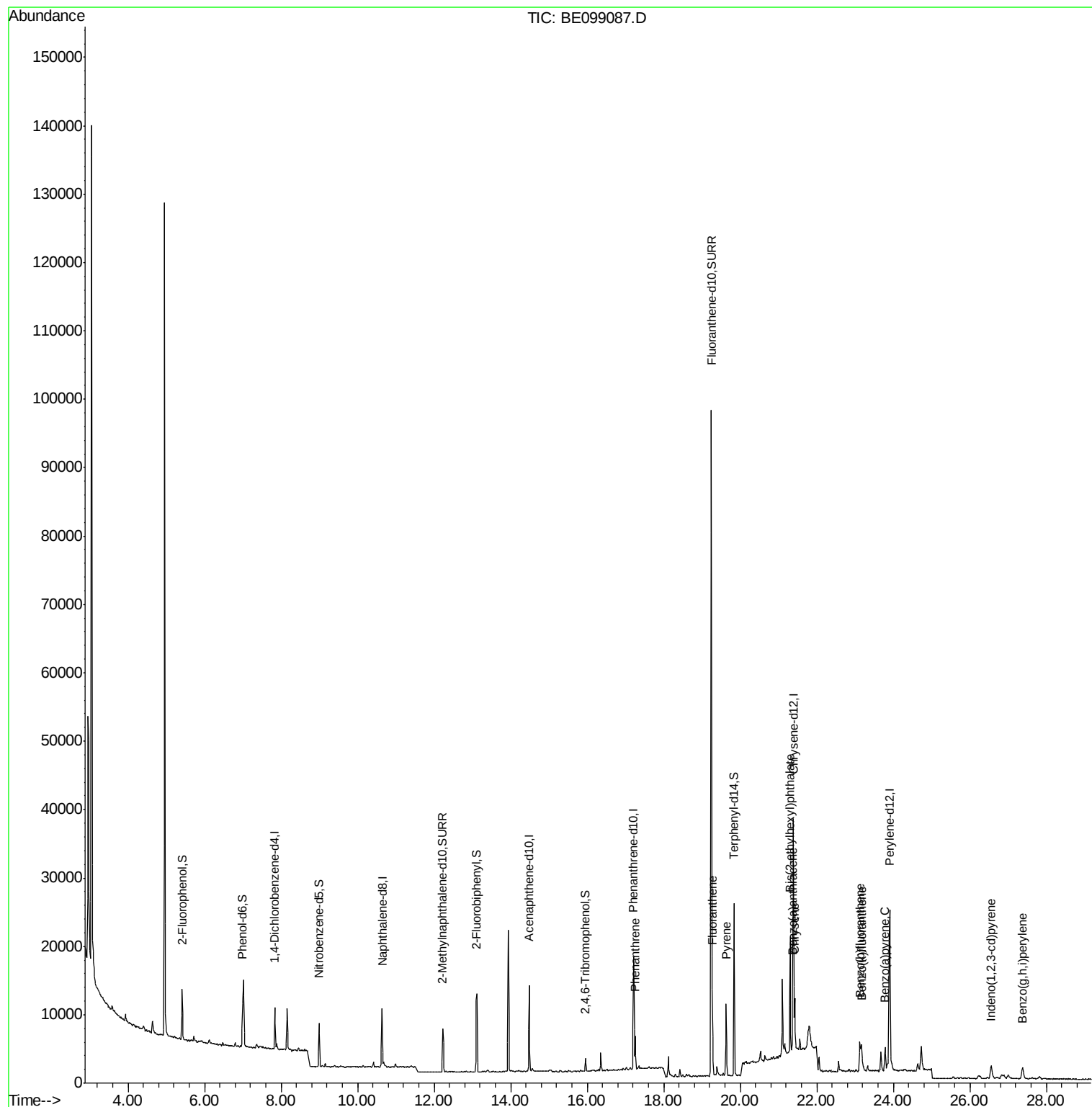
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
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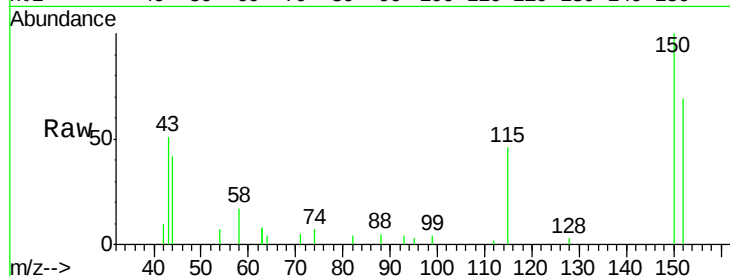




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

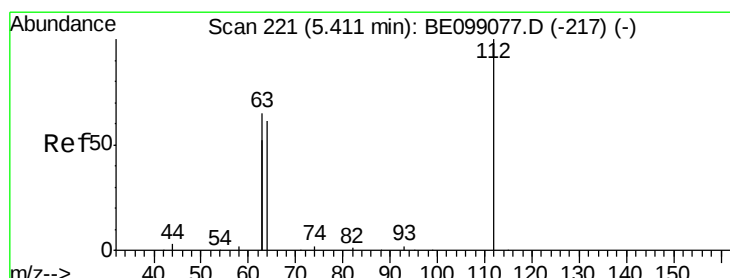
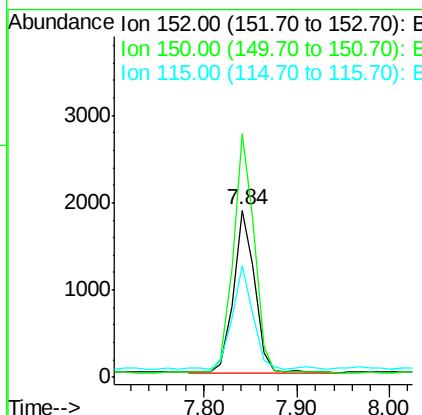
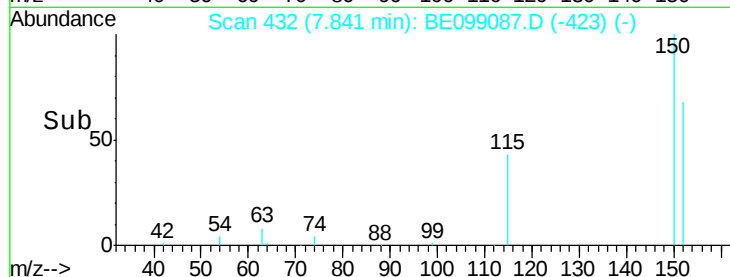
Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219



Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.7	122.5	183.7
115	66.7	57.4	86.2

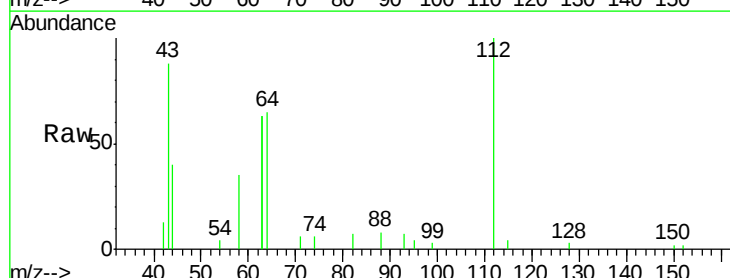
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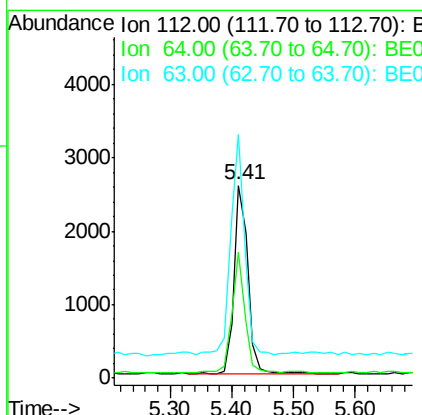
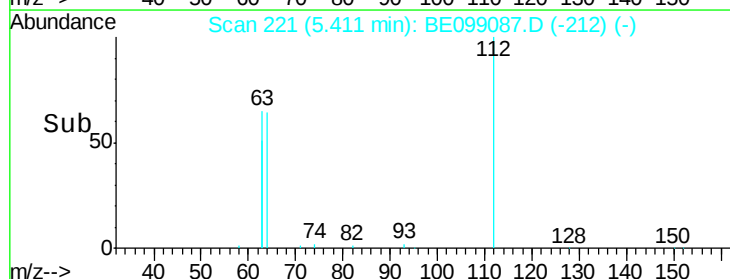


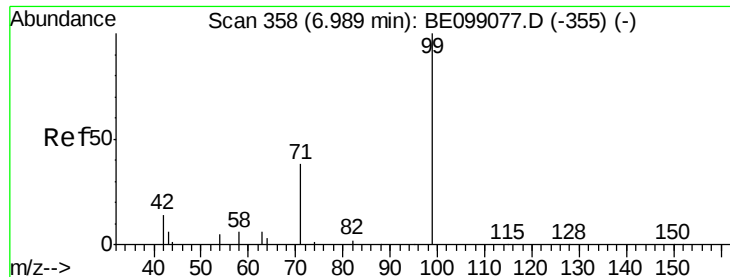
#4

2-Fluorophenol
Concen: 0.450 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33



Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	57.9	86.9
63	115.7	158.3	237.5





#5

Phenol-d6

Concen: 0.457 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099087.D

Acq: 22 Mar 2019 19:33

Instrument :

BNA_E

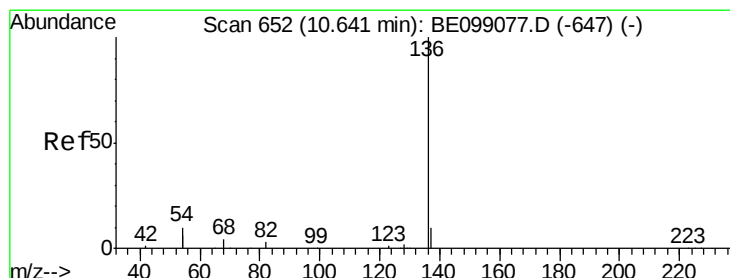
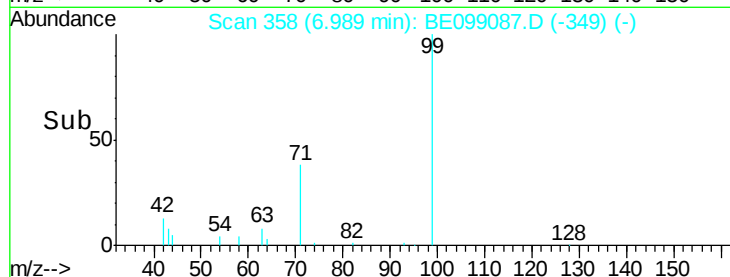
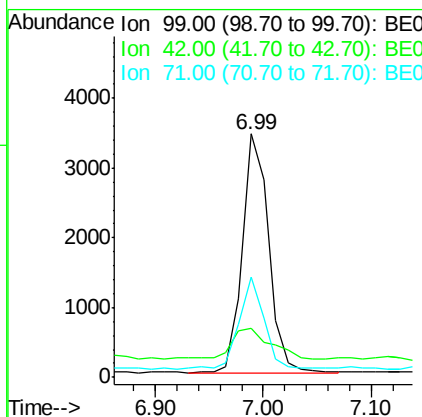
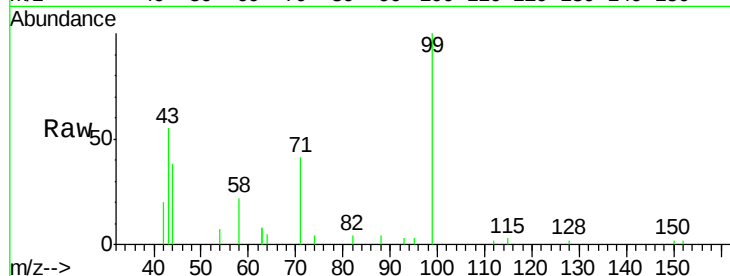
ClientSampleId :

PST-028-SW064-031219

Tgt Ion:	99	Resp:	5822
Ion	Ratio	Lower	Upper
99	100		
42	19.7	24.2	36.2#
71	35.8	35.7	53.5

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#7

Naphthalene-d8

Concen: 0.400 ng

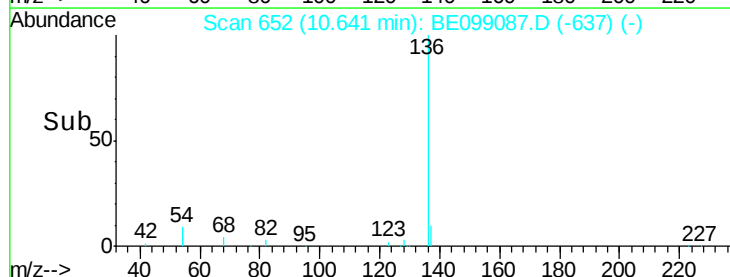
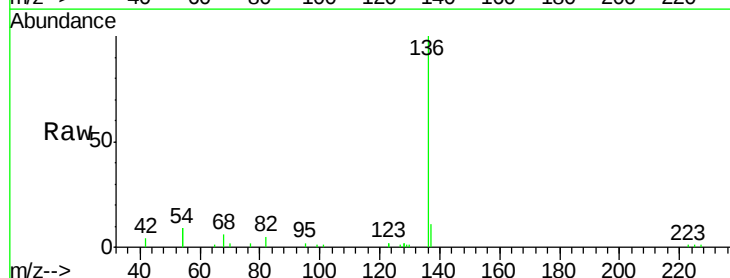
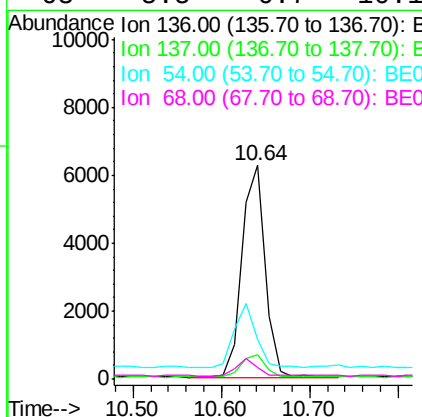
RT: 10.64 min Scan# 652

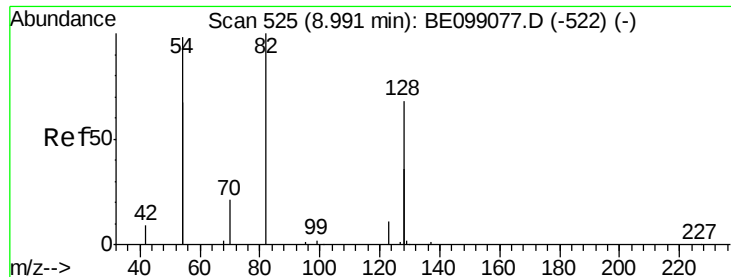
Delta R.T. 0.00 min

Lab File: BE099087.D

Acq: 22 Mar 2019 19:33

Tgt Ion:	136	Resp:	11289
Ion	Ratio	Lower	Upper
136	100		
137	11.2	11.4	17.0#
54	18.6	39.3	58.9#
68	5.5	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 0.598 ng m

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099087.D

Acq: 22 Mar 2019 19:33

Instrument :

BNA_E

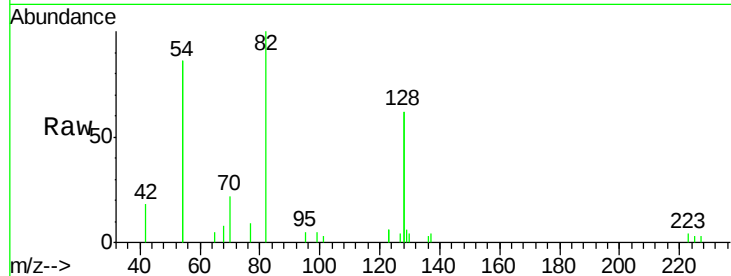
ClientSampleId :

PST-028-SW064-031219

Tgt Ion:	82	Resp:	2950
Ion Ratio	Lower	Upper	
82	100		
128	61.7	123.8	185.8#
54	86.1	203.4	305.2#

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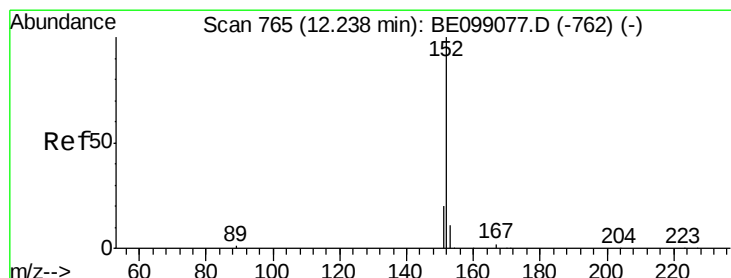
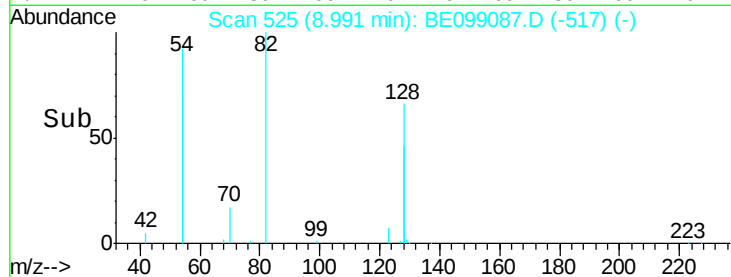
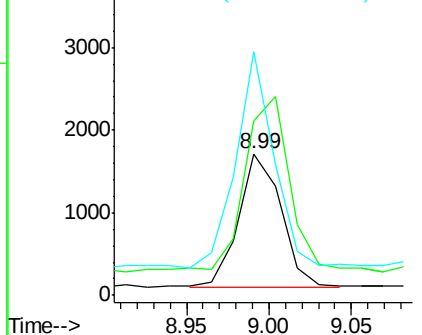
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Abundance Ion 82.00 (81.70 to 82.70): BE099087.D (-517) (-)

Ion 128.00 (127.70 to 128.70): BE099087.D (-517) (-)

Ion 54.00 (53.70 to 54.70): BE099087.D (-517) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

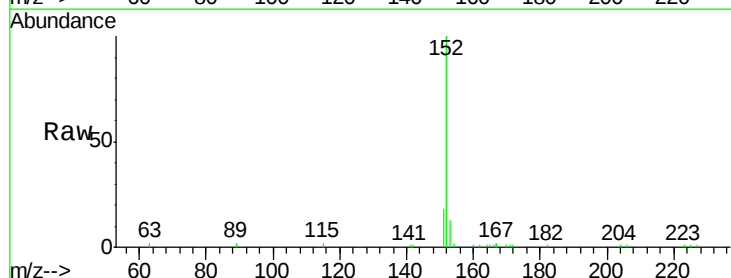
RT: 12.22 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE099087.D

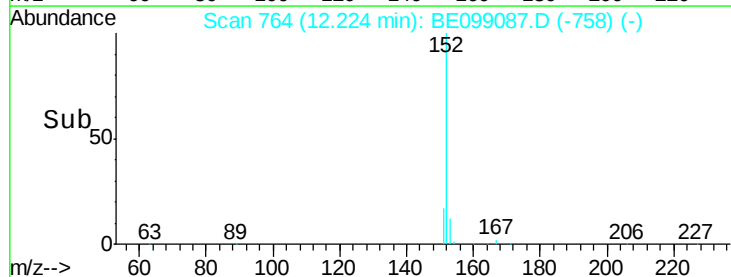
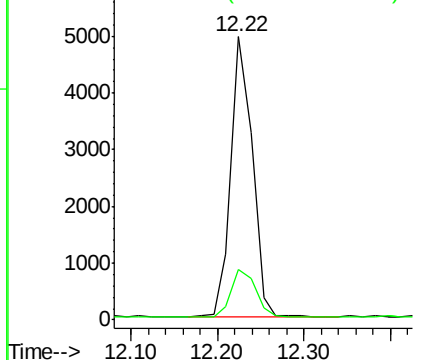
Acq: 22 Mar 2019 19:33

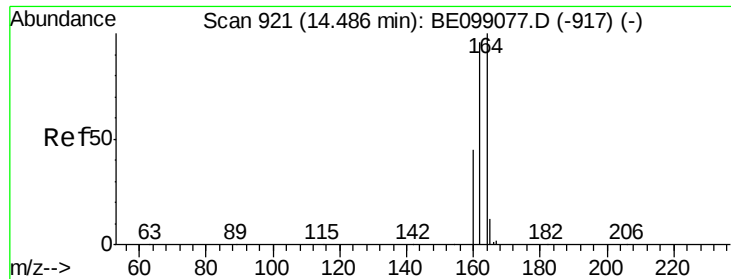
Tgt Ion:	152	Resp:	8436
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.5	24.7



Abundance Ion 152.00 (151.70 to 152.70): BE099087.D (-758) (-)

Ion 151.00 (150.70 to 151.70): BE099087.D (-758) (-)





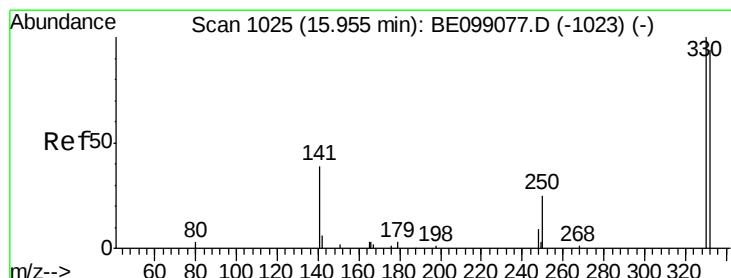
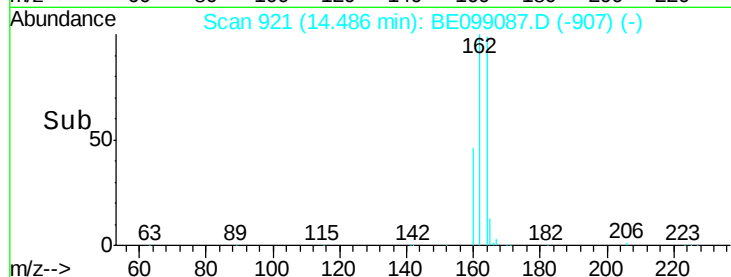
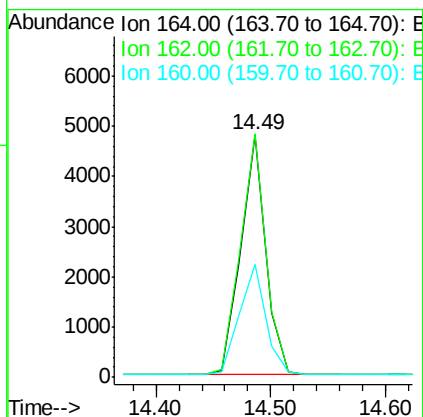
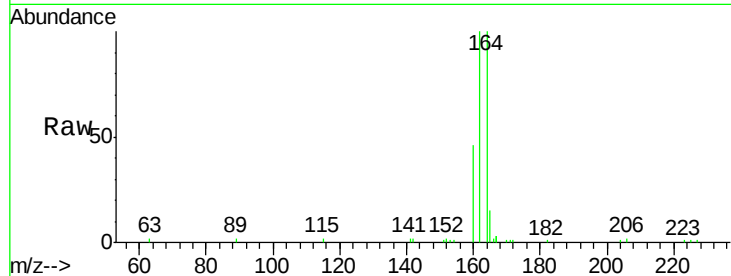
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion:164 Resp: 7155
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 46.7 37.8 56.8

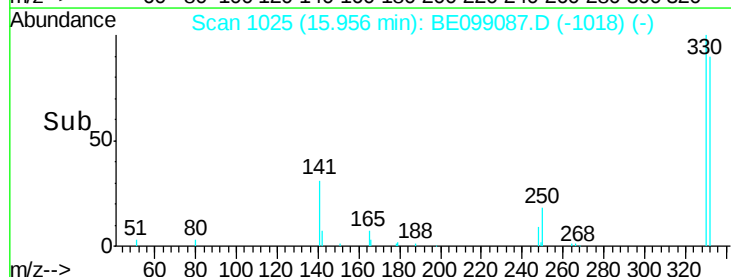
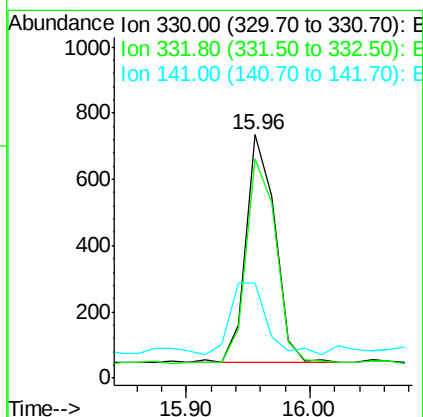
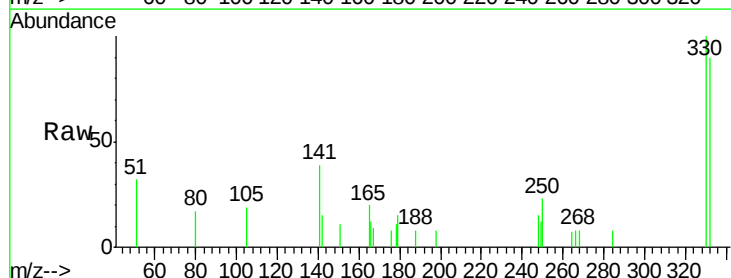
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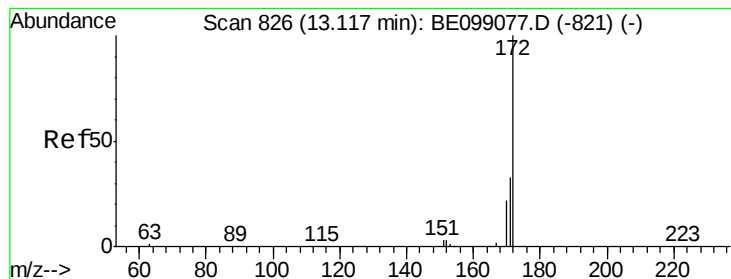
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#14
2,4,6-Tribromophenol
Concen: 0.531 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion:330 Resp: 1117
Ion Ratio Lower Upper
330 100
332 92.1 77.6 116.4
141 39.3 31.0 46.4





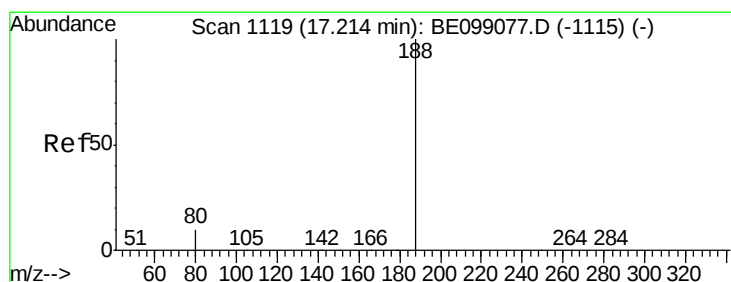
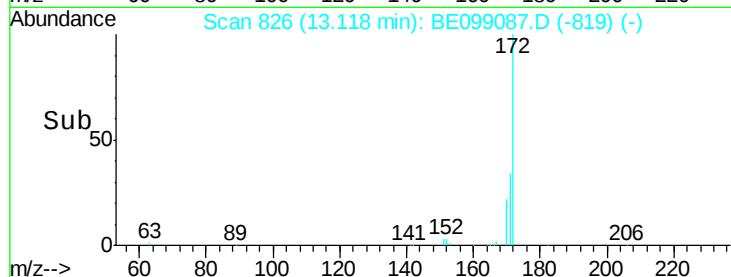
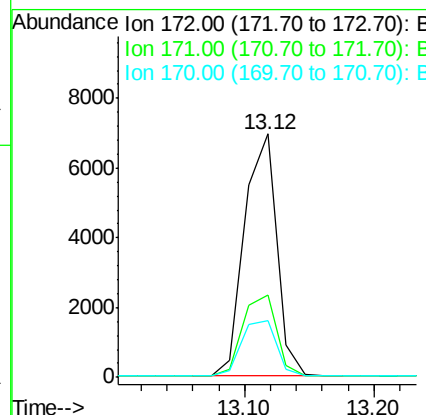
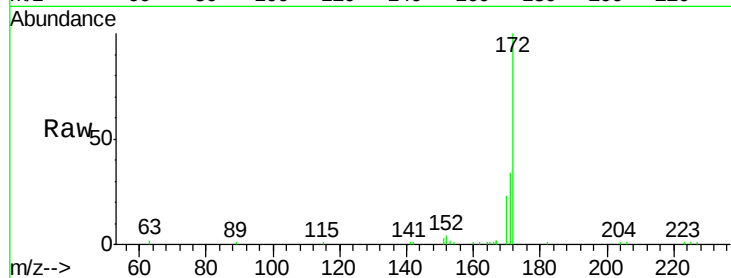
#15
 2-Fluorobiphenyl
 Concen: 0.417 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE099087.D
 Acq: 22 Mar 2019 19:33

Instrument :
 BNA_E
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 PST-028-SW064-031219

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.0	42.0
170	23.1	17.7	26.5

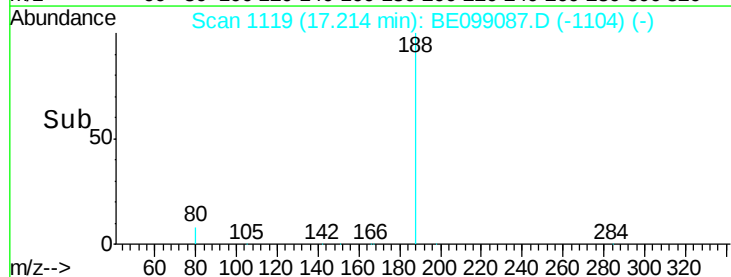
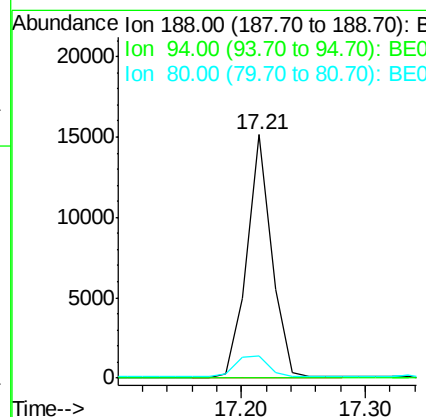
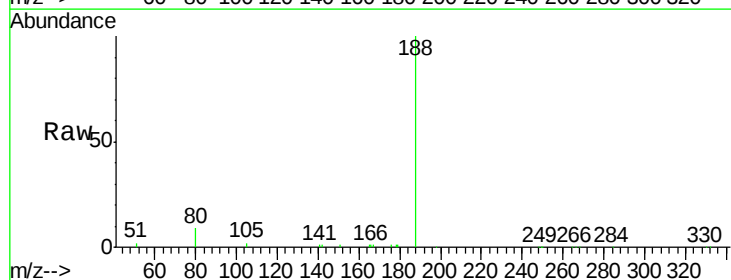
Manual Integrations
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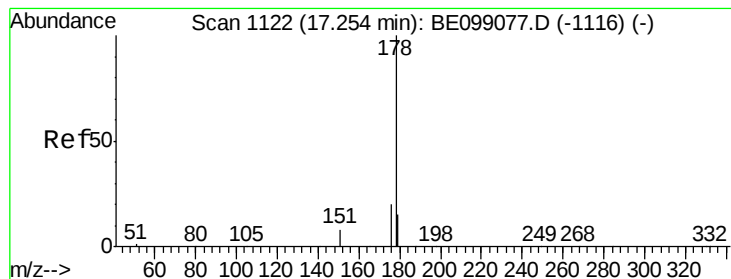
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#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.21 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BE099087.D
 Acq: 22 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.3	9.5





#23

Phenanthrene

Concen: 0.078 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099087.D

Acq: 22 Mar 2019 19:33

Instrument :

BNA_E

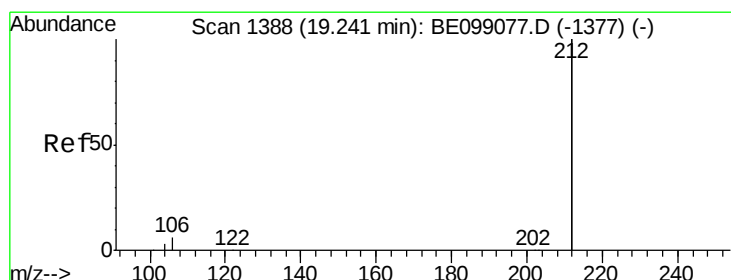
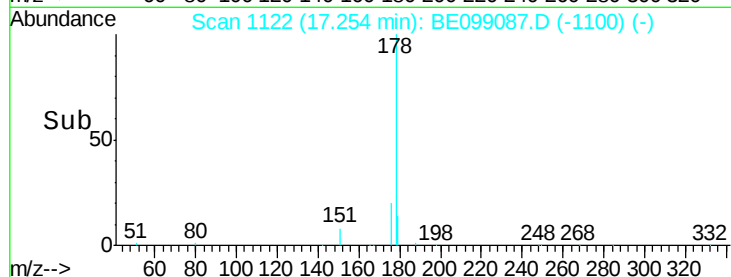
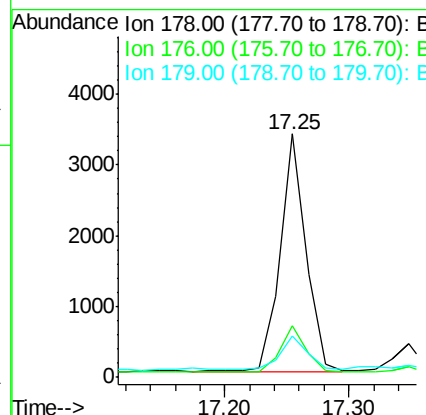
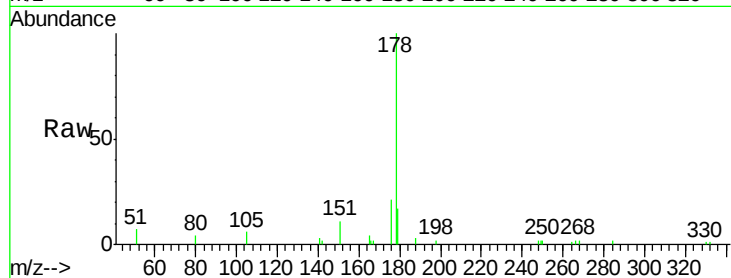
ClientSampleId :

PST-028-SW064-031219

Tgt Ion:	178	Resp:	4861
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.0	24.0
179	14.7	12.1	18.1

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#25

Fluoranthene-d10

Concen: 0.446 ng

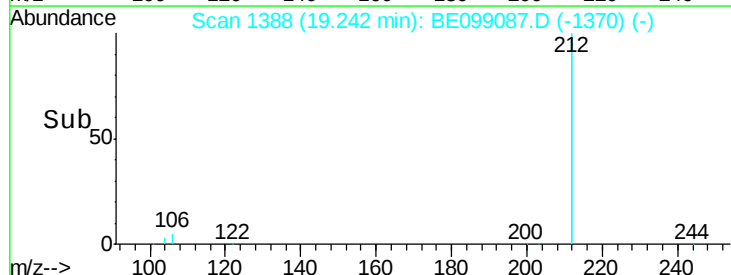
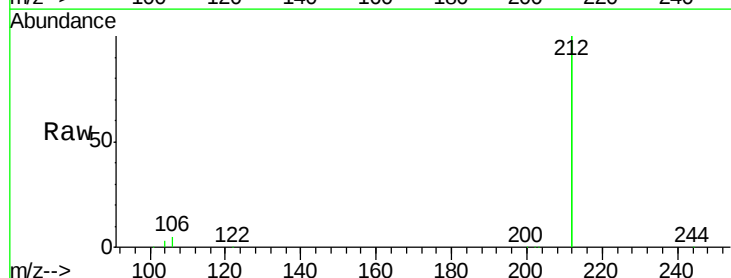
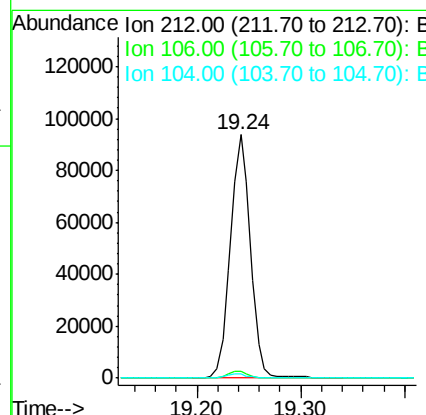
RT: 19.24 min Scan# 1388

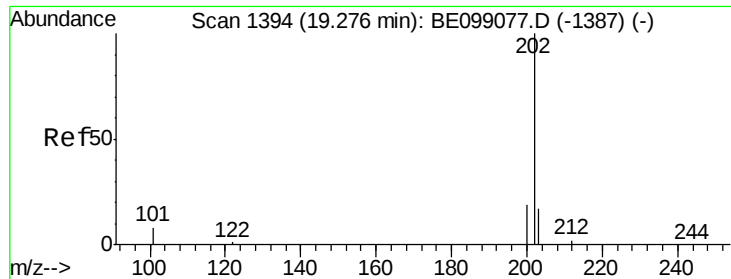
Delta R.T. 0.00 min

Lab File: BE099087.D

Acq: 22 Mar 2019 19:33

Tgt Ion:	212	Resp:	124475
Ion Ratio	Lower	Upper	
212	100		
106	2.7	1.8	2.8
104	1.5	1.0	1.6





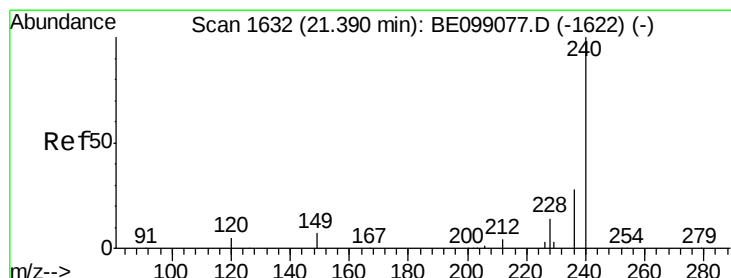
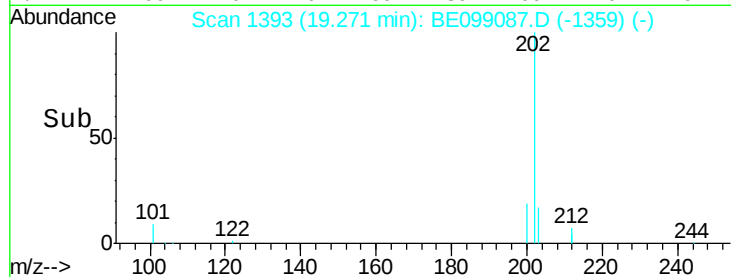
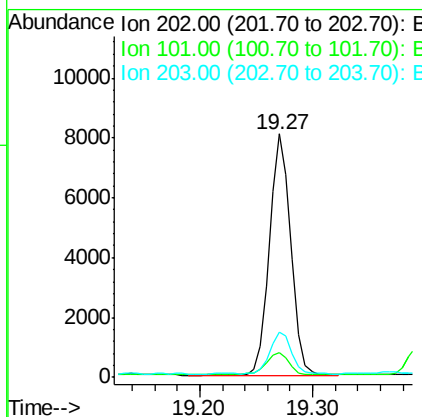
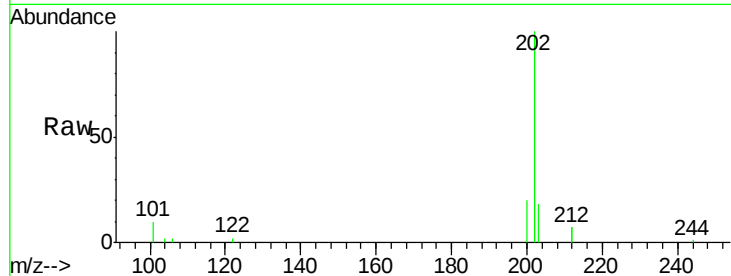
#26
 Fluoranthene
 Concen: 0.122 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BE099087.D
 Acq: 22 Mar 2019 19:33

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-SW064-031219

Tgt Ion:	202	Resp:	10707
Ion Ratio	Lower	Upper	
202	100		
101	10.2	7.3	10.9
203	17.2	13.4	20.2

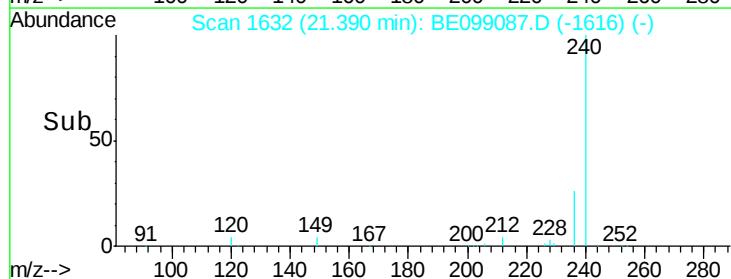
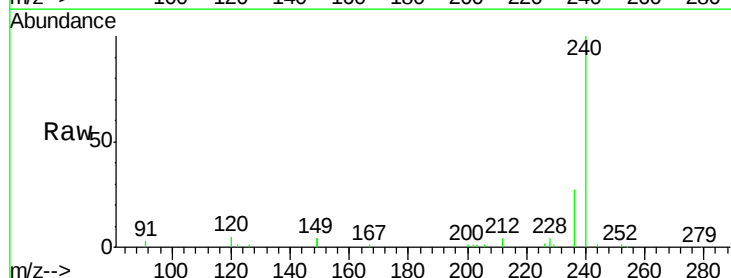
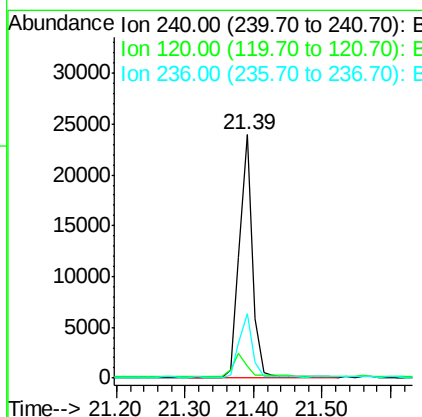
Manual Integrations
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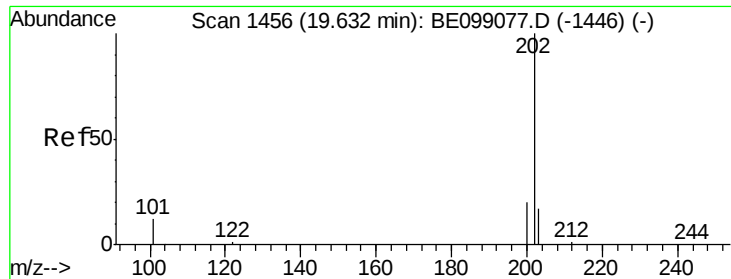
Sohil
 3/25/2019 12:11:53 PM



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE099087.D
 Acq: 22 Mar 2019 19:33

Tgt Ion:	240	Resp:	31630
Ion Ratio	Lower	Upper	
240	100		
120	4.9	5.0	7.4#
236	26.5	22.7	34.1





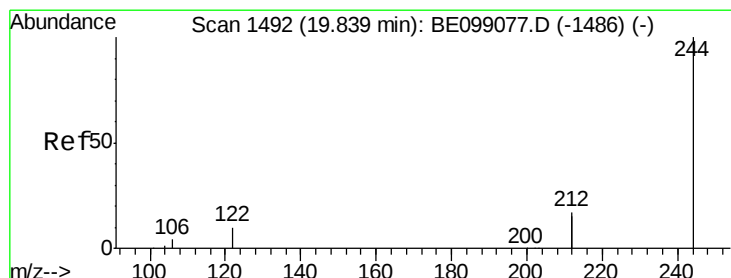
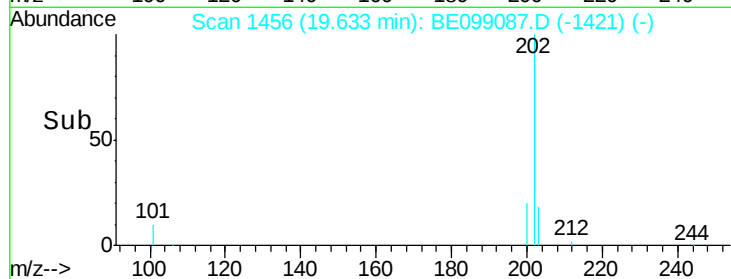
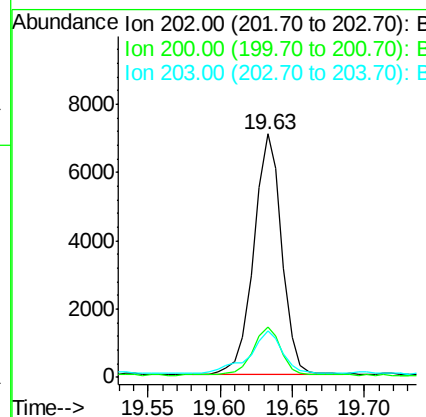
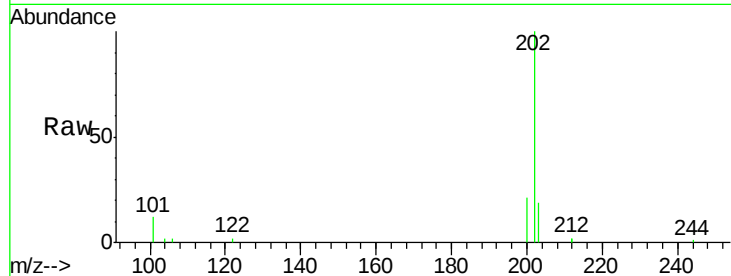
#28
 Pyrene
 Concen: 0.090 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE099087.D
 Acq: 22 Mar 2019 19:33

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-SW064-031219

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	20.5	14.2	21.2

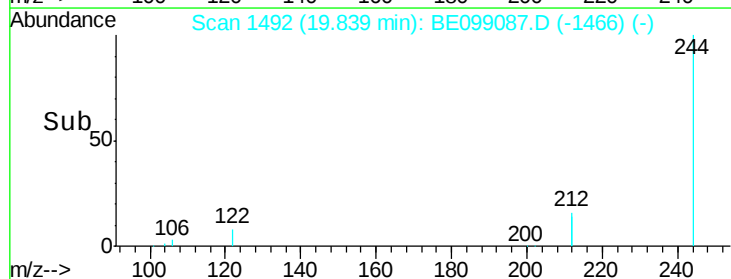
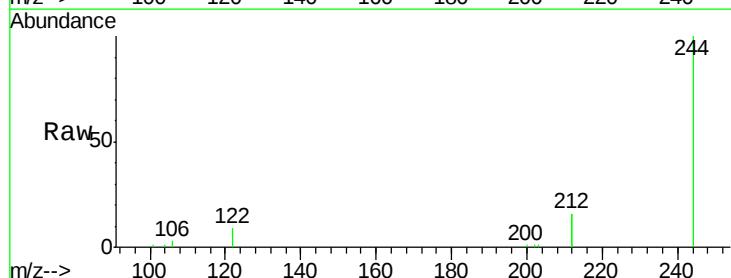
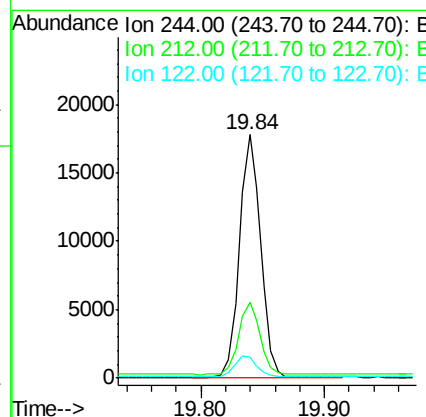
Manual Integrations
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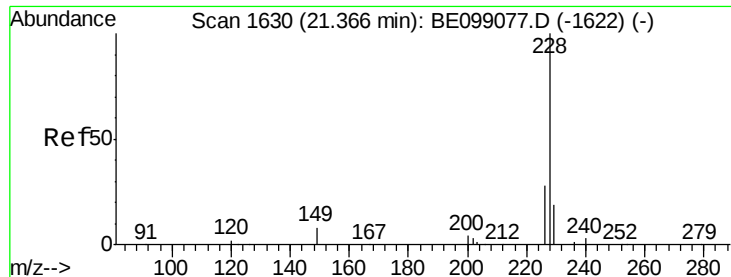
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#29
 Terphenyl-d14
 Concen: 0.317 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BE099087.D
 Acq: 22 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.4	29.4	44.2
122	8.7	7.1	10.7





#30

Benzo(a)anthracene

Concen: 0.055 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099087.D

Acq: 22 Mar 2019 19:33

Instrument :

BNA_E

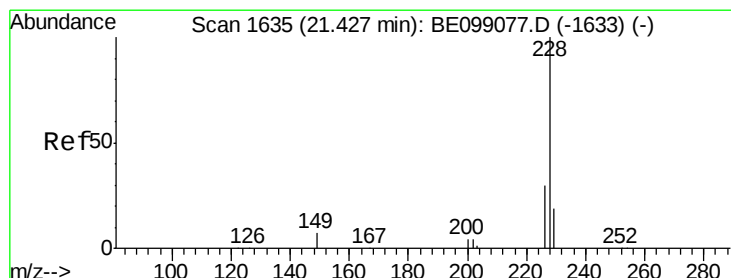
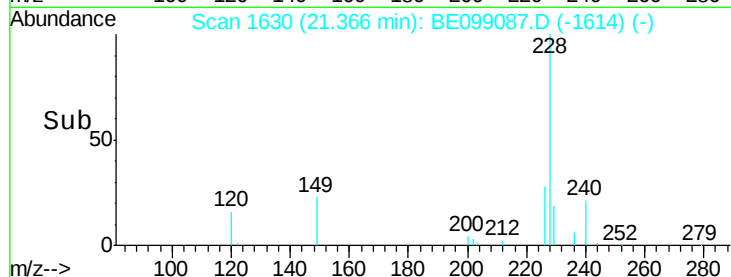
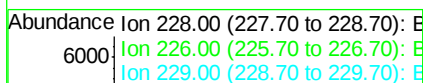
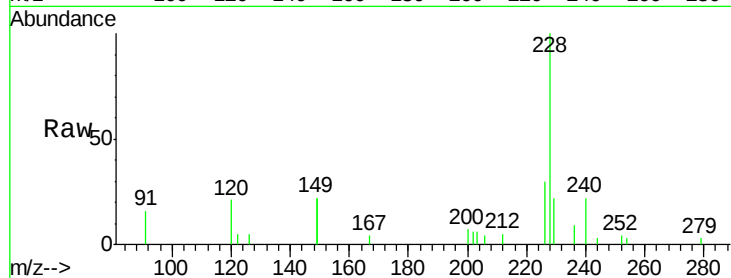
ClientSampleId :

PST-028-SW064-031219

Tgt Ion:	228	Resp:	6091
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.0	34.4
229	22.0	16.5	24.7

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#31

Chrysene

Concen: 0.063 ng m

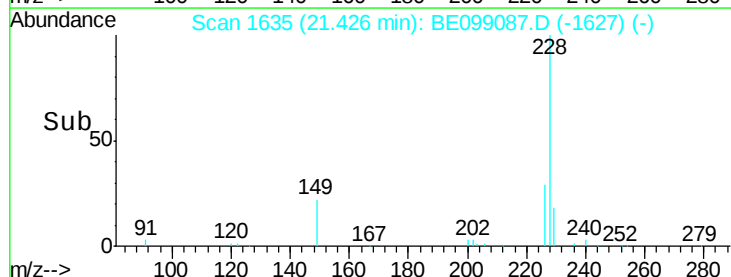
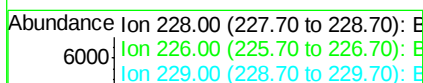
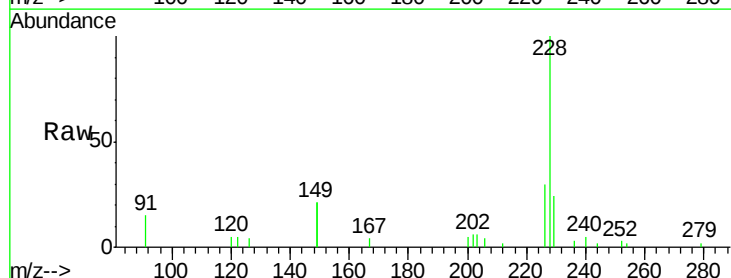
RT: 21.43 min Scan# 1635

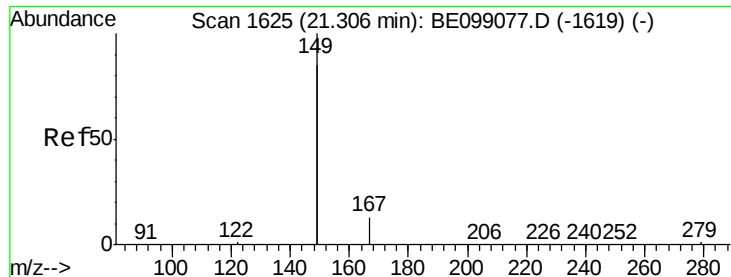
Delta R.T. -0.00 min

Lab File: BE099087.D

Acq: 22 Mar 2019 19:33

Tgt Ion:	228	Resp:	7047
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.7	35.5
229	24.4	16.1	24.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.129 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099087.D

Acq: 22 Mar 2019 19:33

Instrument :

BNA_E

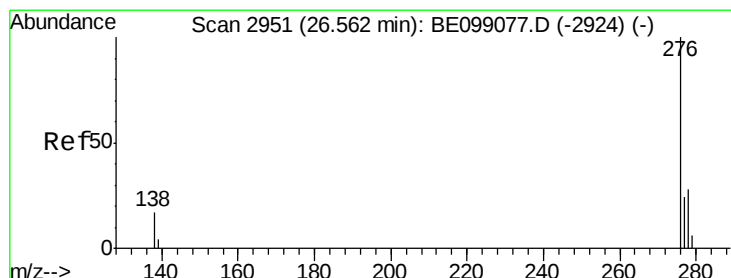
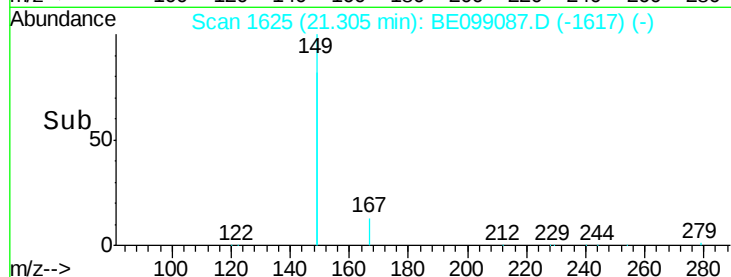
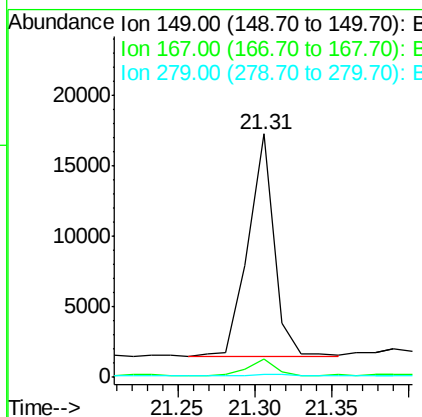
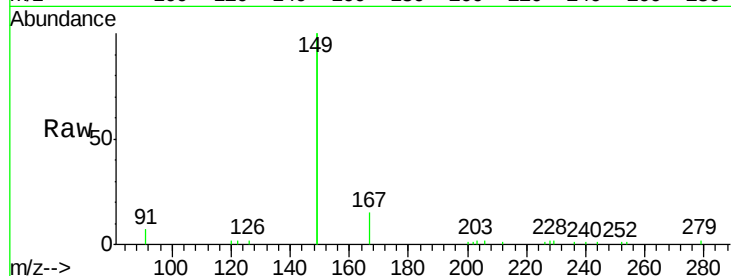
ClientSampleId :

PST-028-SW064-031219

Tgt Ion:	149	Resp:	18700
Ion Ratio	Lower	Upper	
149	100		
167	7.3	5.4	8.0
279	1.0	1.0	1.4

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#33

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng

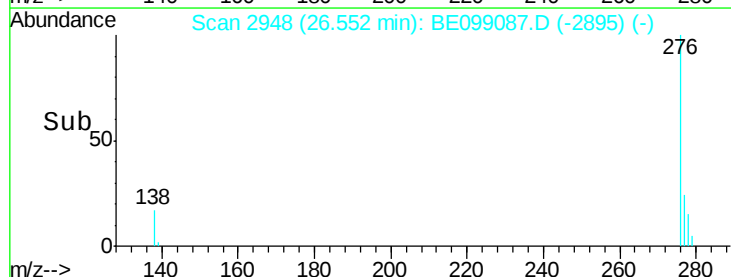
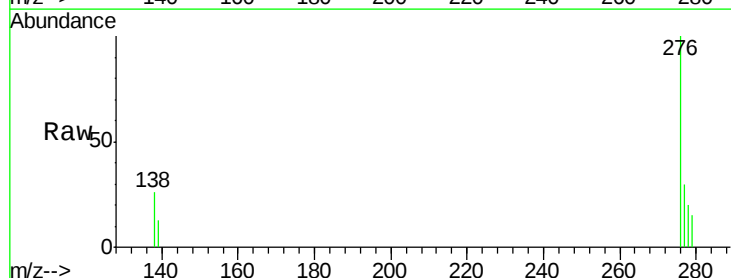
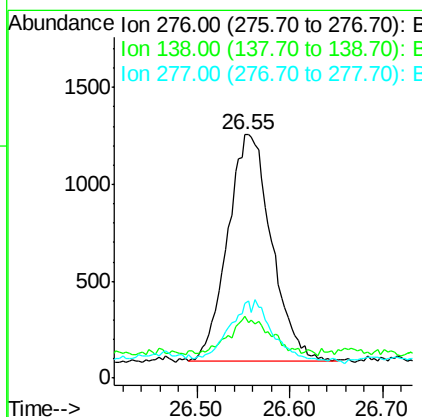
RT: 26.55 min Scan# 2948

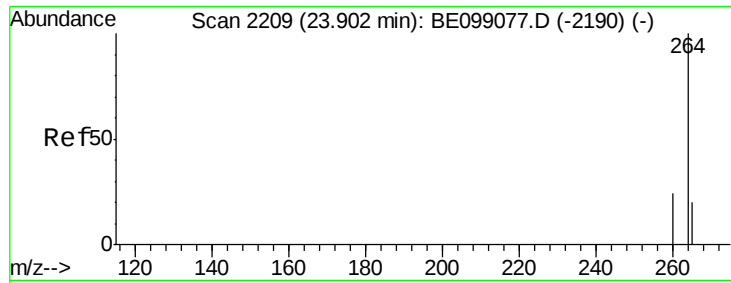
Delta R.T. -0.01 min

Lab File: BE099087.D

Acq: 22 Mar 2019 19:33

Tgt Ion:	276	Resp:	3865
Ion Ratio	Lower	Upper	
276	100		
138	14.9	13.8	20.8
277	12.7	19.5	29.3#





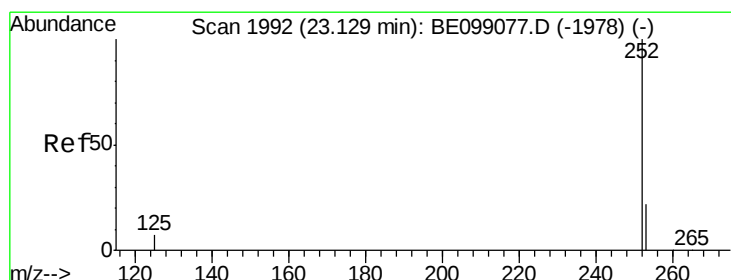
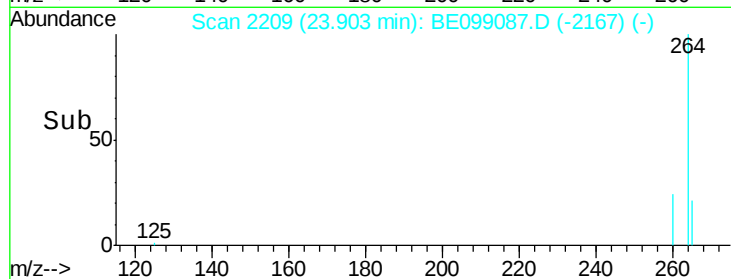
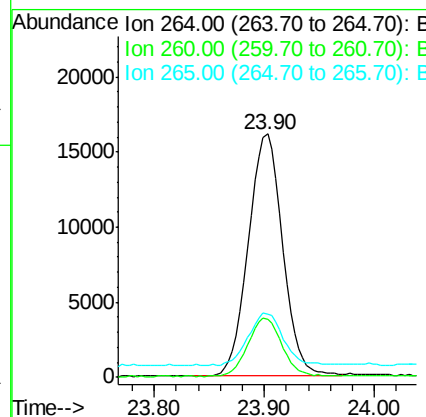
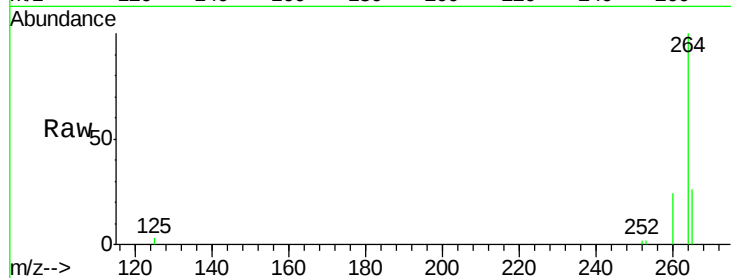
#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: BE099087.D
 Acq: 22 Mar 2019 19:33

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-SW064-031219

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.2	31.8
265	25.9	24.6	36.8

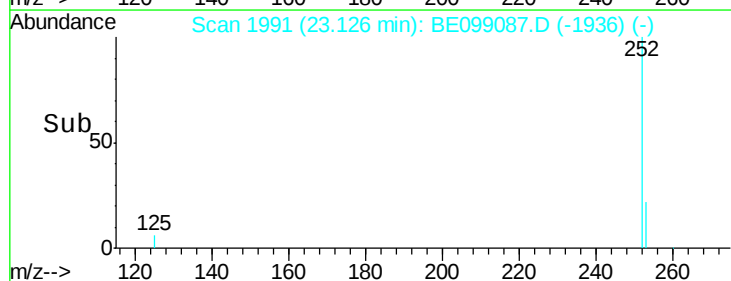
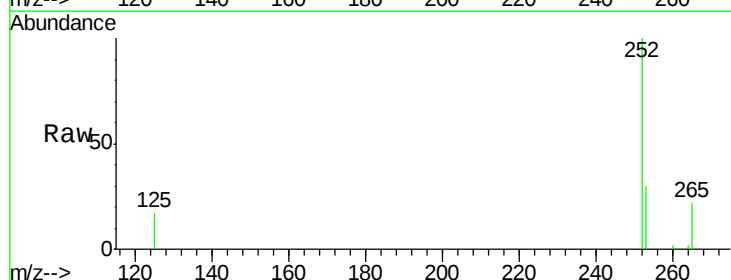
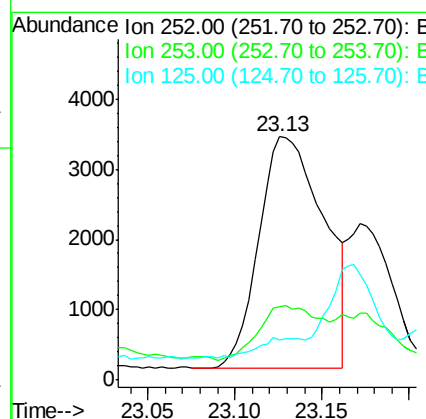
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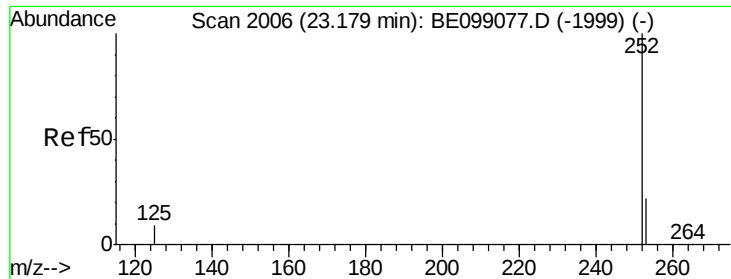
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#35
Benzo(b)fluoranthene
 Concen: 0.071 ng
 RT: 23.13 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BE099087.D
 Acq: 22 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.2	27.2#
125	16.5	7.3	10.9#





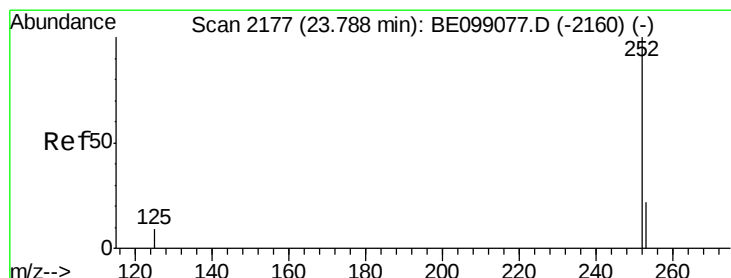
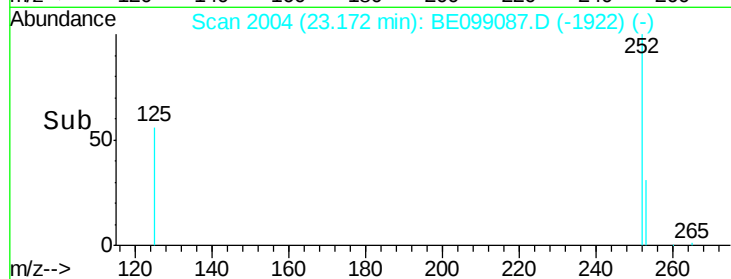
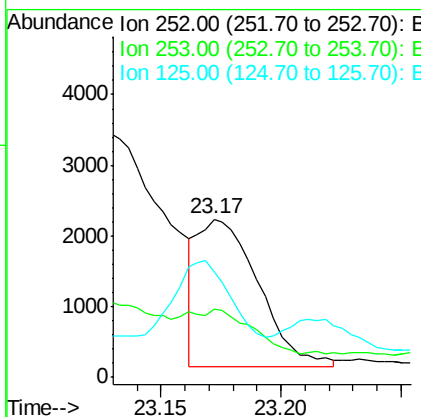
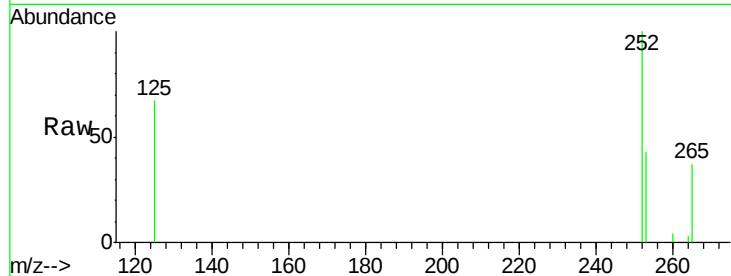
#36
Benzo(k)fluoranthene
Concen: 0.032 ng m
RT: 23.17 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Instrument :
BNA_E
ClientSampleId :
PST-028-SW064-031219

Tgt Ion: 252 Resp: 3709
Ion Ratio Lower Upper
252 100
253 43.0 19.3 28.9#
125 66.8 7.5 11.3#

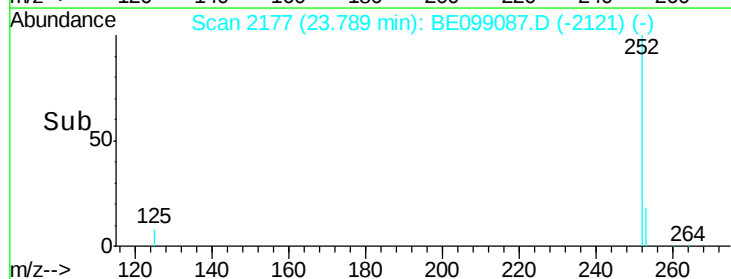
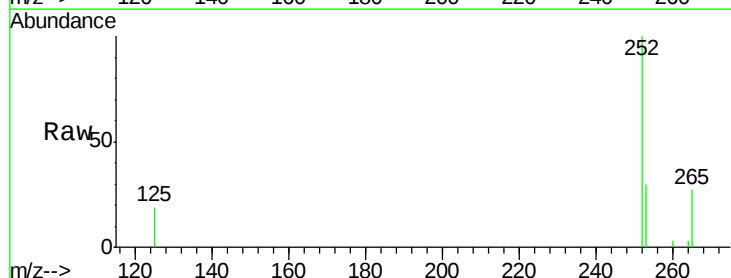
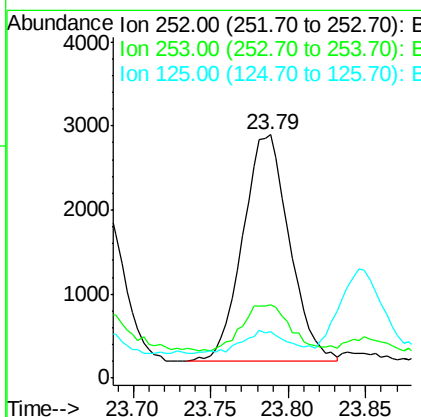
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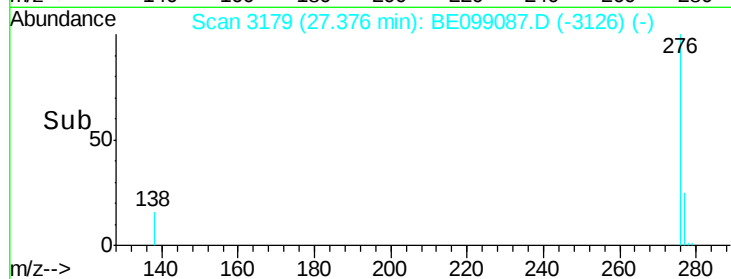
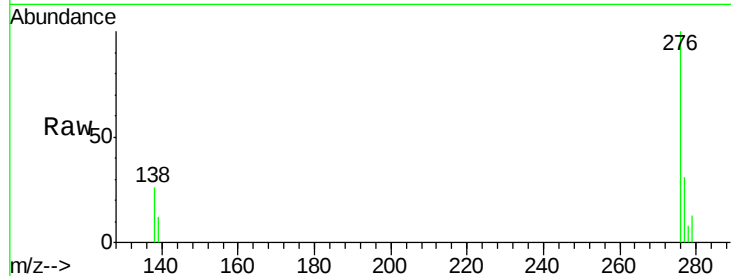
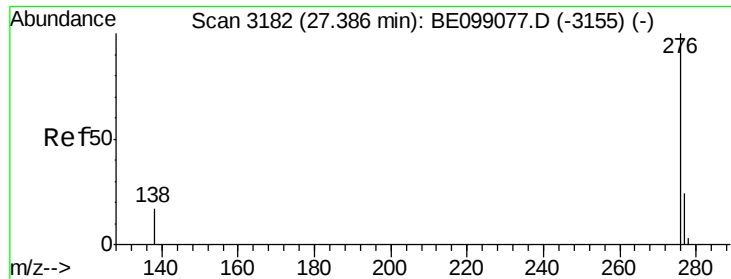
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#37
Benzo(a)pyrene
Concen: 0.051 ng
RT: 23.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE099087.D
Acq: 22 Mar 2019 19:33

Tgt Ion: 252 Resp: 5616
Ion Ratio Lower Upper
252 100
253 30.3 19.9 29.9#
125 19.2 9.0 13.4#





#39

Benzo(g,h,i)perylene

Concen: 0.037 ng

RT: 27.38 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BE099087.D

Acq: 22 Mar 2019 19:33

Instrument :

BNA_E

ClientSampleId :

PST-028-SW064-031219

Tgt Ion:	276	Resp:	4084
Ion Ratio	Lower	Upper	
276	100		
277	31.2	20.4	30.6#
138	26.4	13.6	20.4#

Manual Integrations
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