

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099095.D
 Acq On : 23 Mar 2019 00:34
 Operator : JU/SJ
 Sample : K1947-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B032-031319

Manual Integrations
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Sohil
 3/25/2019 12:12:13 PM

Quant Time: Mar 23 01:54:16 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	3085	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	12237	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	7942	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	21140	0.40	ng	0.00
27) Chrysene-d12	21.39	240	30972	0.40	ng	0.00
34) Perylene-d12	23.90	264	35814	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	4430	0.48	ng	0.00
5) Phenol-d6	6.99	99	6172	0.47	ng	0.00
8) Nitrobenzene-d5	8.99	82	3745m	0.70	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8807	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	1386	0.59	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	13126	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	114236	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	22163	0.34	ng	0.00

Target Compounds

						Qvalue
23) Phenanthrene	17.25	178	10094	0.161	ng	99
24) Anthracene	17.35	178	1383	0.023	ng	98
26) Fluoranthene	19.27	202	20881	0.236	ng	# 97
28) Pyrene	19.63	202	21854	0.208	ng	# 94
30) Benzo(a)anthracene	21.37	228	12360	0.113	ng	97
31) Chrysene	21.43	228	12311	0.113	ng	95
32) Bis(2-ethylhexyl)phthalate	21.31	149	31962	0.226	ng	98
33) Indeno(1,2,3-cd)pyrene	26.56	276	6174	0.053	ng	99
35) Benzo(b)fluoranthene	23.13	252	14958	0.121	ng	# 87
36) Benzo(k)fluoranthene	23.17	252	4824m	0.040	ng	
37) Benzo(a)pyrene	23.79	252	10101	0.088	ng	# 90
39) Benzo(g,h,i)perylene	27.38	276	6565	0.057	ng	# 93

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

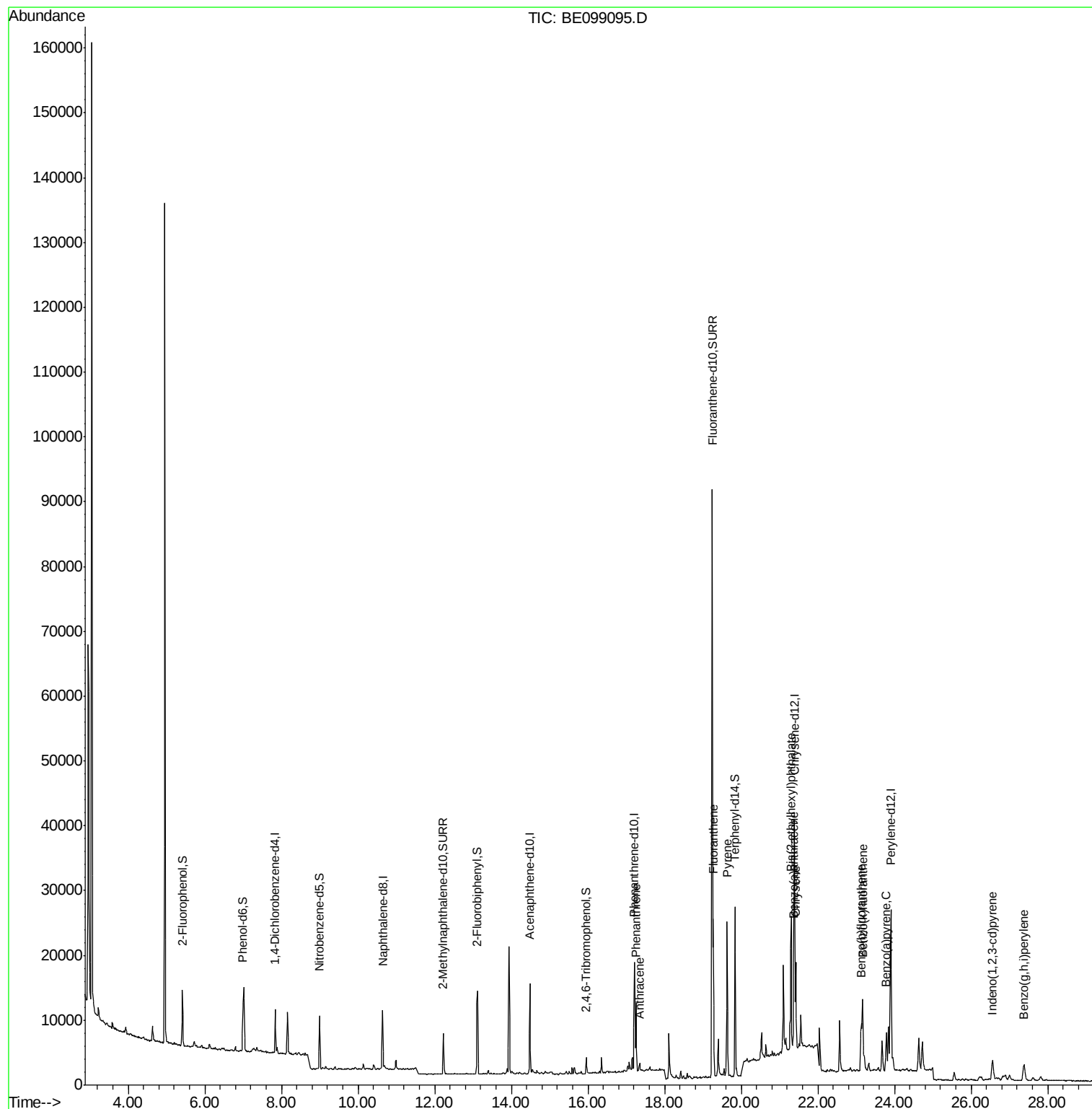
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.84 min Scan# 432

Delta R.T. -0.00 min

Lab File: BE099095.D

Acq: 23 Mar 2019 00:34

Instrument :

BNA_E

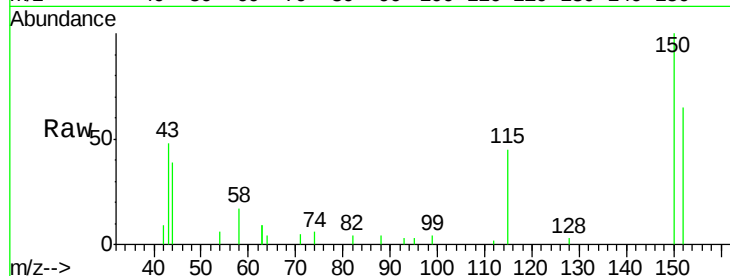
ClientSampleId :

PST-025-B032-031319

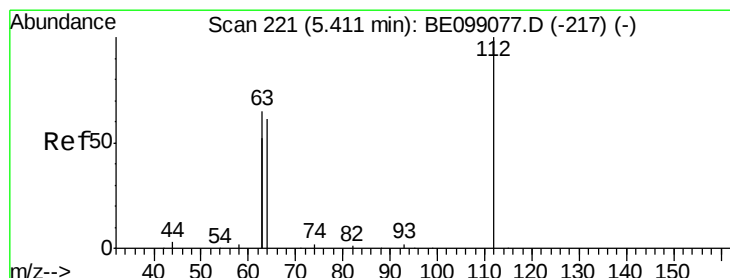
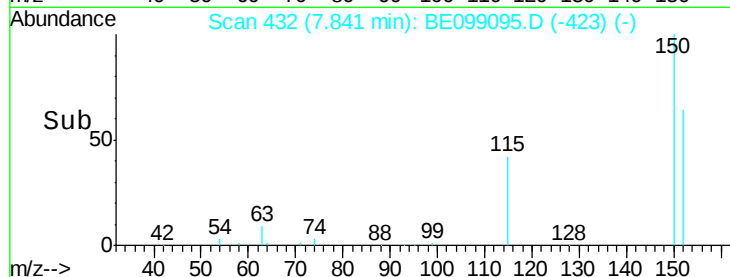
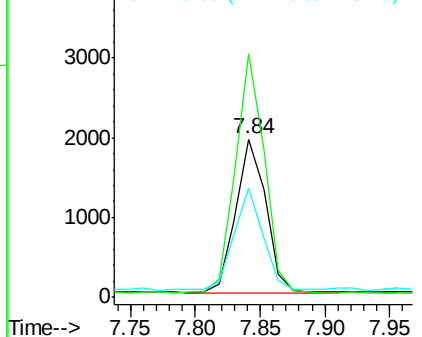
Tgt Ion:	152	Resp:	3085
Ion Ratio	Lower	Upper	
152	100		
150	154.1	122.5	183.7
115	69.2	57.4	86.2

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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: 0.482 ng

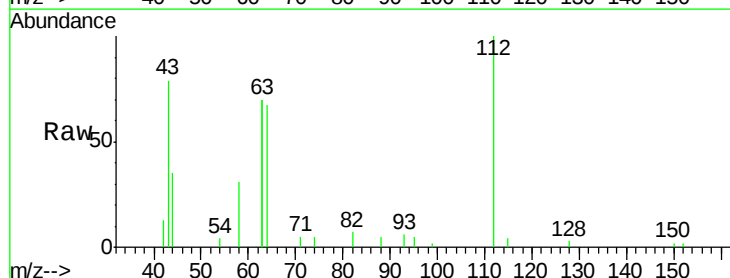
RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

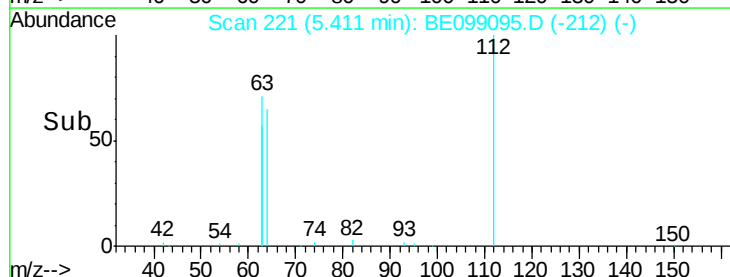
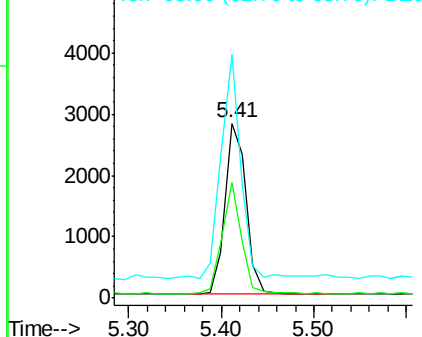
Lab File: BE099095.D

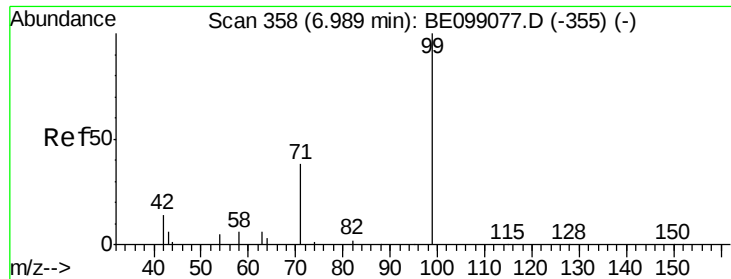
Acq: 23 Mar 2019 00:34

Tgt Ion:	112	Resp:	4430
Ion Ratio	Lower	Upper	
112	100		
64	59.0	57.9	86.9
63	121.1	158.3	237.5#



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: 0.467 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099095.D

Acq: 23 Mar 2019 00:34

Instrument :

BNA_E

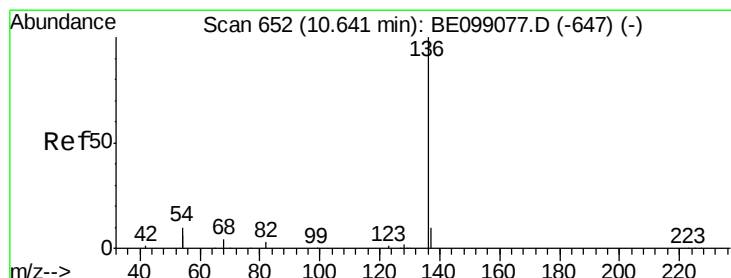
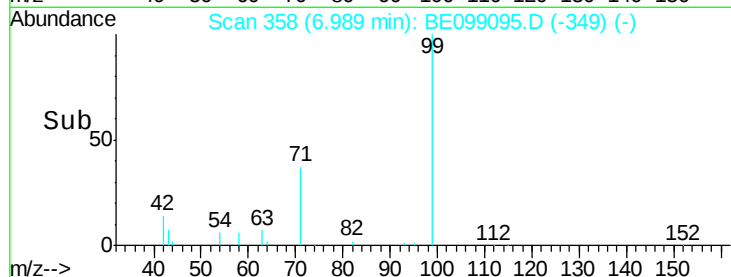
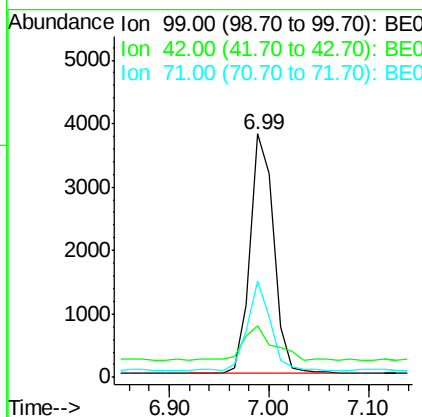
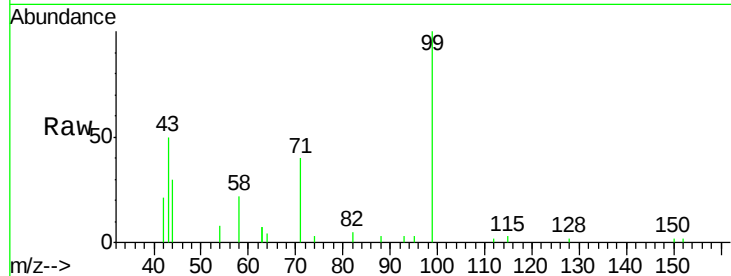
ClientSampleId :

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Tgt Ion:	99	Resp:	6172
Ion Ratio	Lower	Upper	
99	100		
42	20.2	24.2	36.2#
71	37.1	35.7	53.5

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#7

Naphthalene-d8

Concen: 0.400 ng

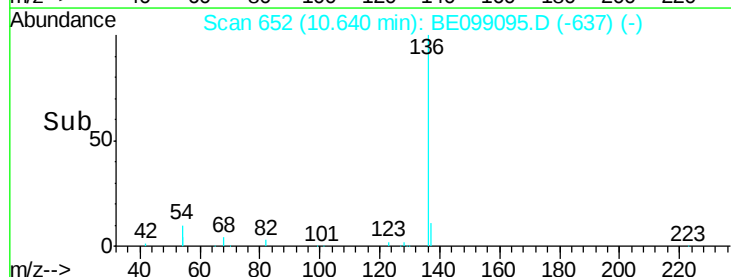
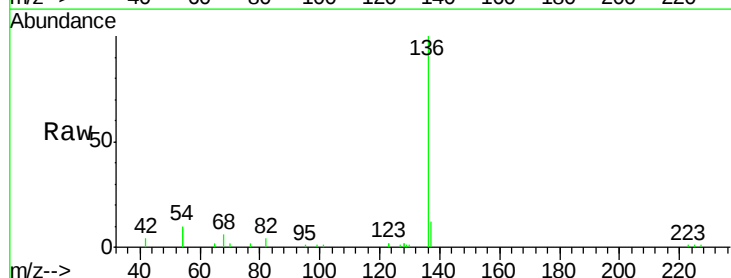
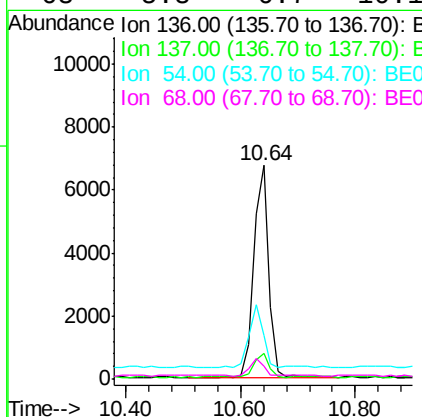
RT: 10.64 min Scan# 652

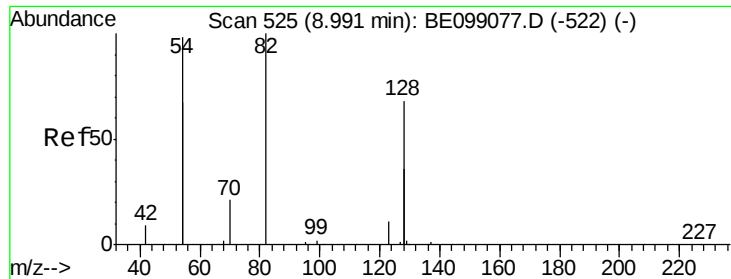
Delta R.T. -0.00 min

Lab File: BE099095.D

Acq: 23 Mar 2019 00:34

Tgt Ion:	136	Resp:	12237
Ion Ratio	Lower	Upper	
136	100		
137	12.1	11.4	17.0
54	20.1	39.3	58.9#
68	5.8	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 0.700 ng m

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099095.D

Acq: 23 Mar 2019 00:34

Instrument :

BNA_E

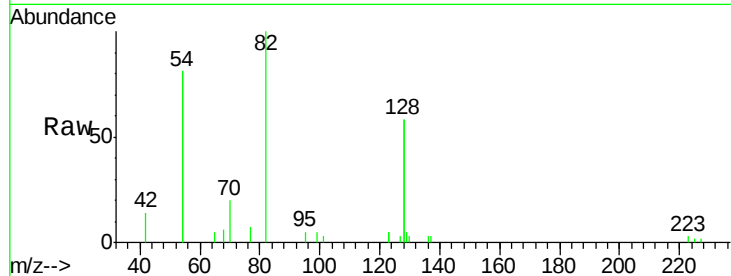
ClientSampleId :

PST-025-B032-031319

Tgt Ion	Ratio	Lower	Upper
82	100		
128	58.5	123.8	185.8#
54	81.3	203.4	305.2#

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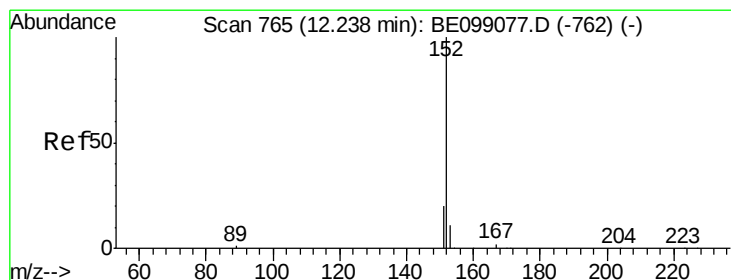
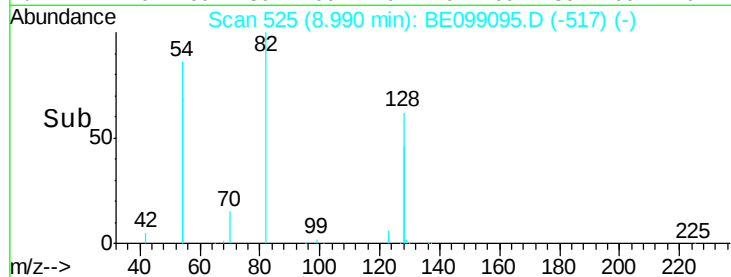
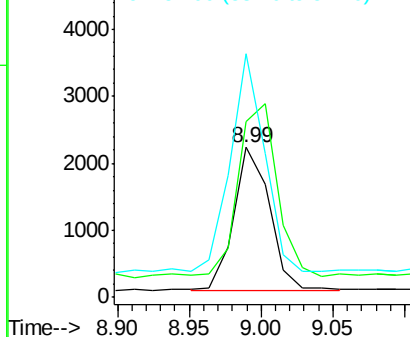
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Abundance Ion 82.00 (81.70 to 82.70): BE099077.D (-522) (-)

Ion 128.00 (127.70 to 128.70): BE099077.D (-522) (-)

Ion 54.00 (53.70 to 54.70): BE099077.D (-522) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

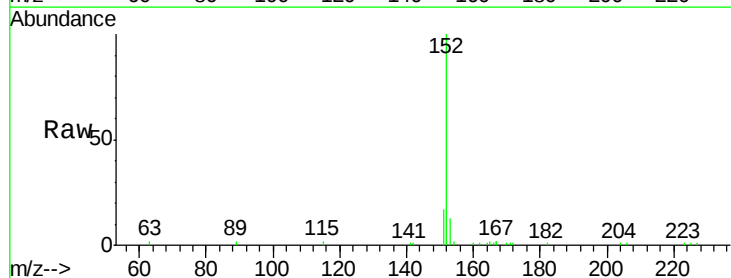
RT: 12.22 min Scan# 764

Delta R.T. -0.02 min

Lab File: BE099095.D

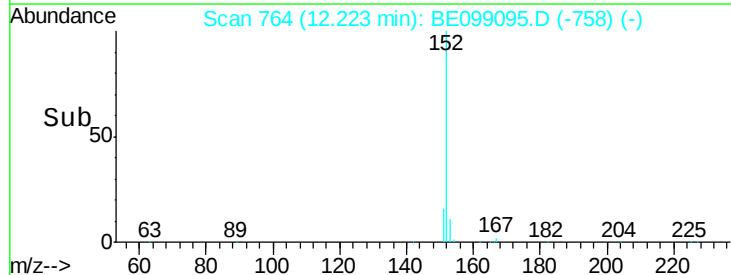
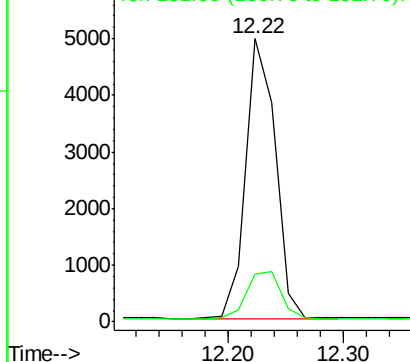
Acq: 23 Mar 2019 00:34

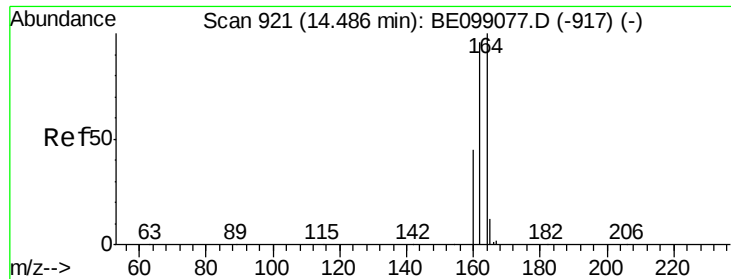
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.5	24.7



Abundance Ion 152.00 (151.70 to 152.70): BE099077.D (-762) (-)

Ion 151.00 (150.70 to 151.70): BE099077.D (-762) (-)





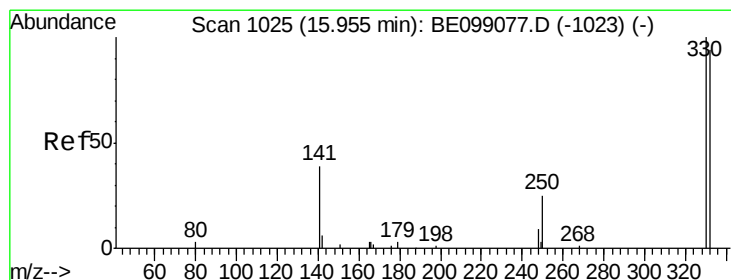
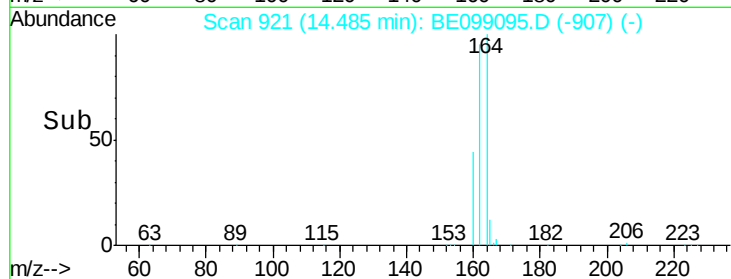
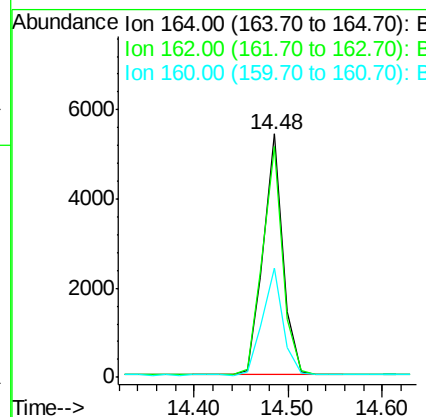
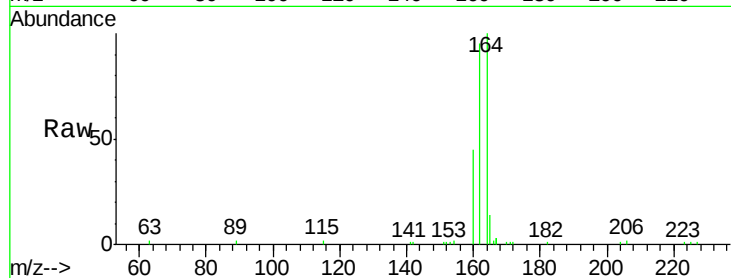
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099095.D
Acq: 23 Mar 2019 00:34

Instrument :
BNA_E
ClientSampleId :
PST-025-B032-031319

Tgt Ion:164 Resp: 7942
Ion Ratio Lower Upper
164 100
162 95.0 80.2 120.2
160 44.7 37.8 56.8

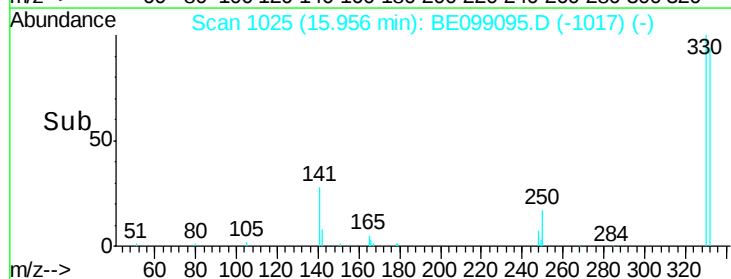
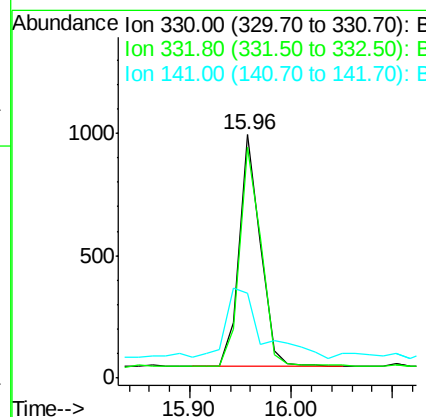
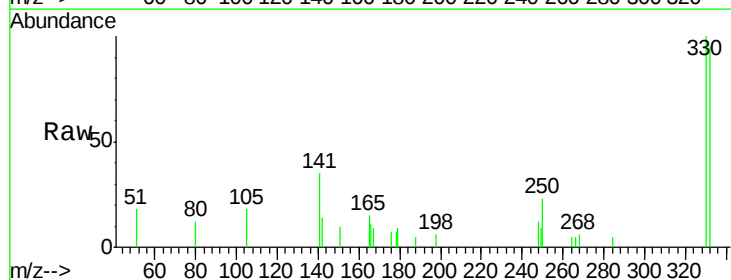
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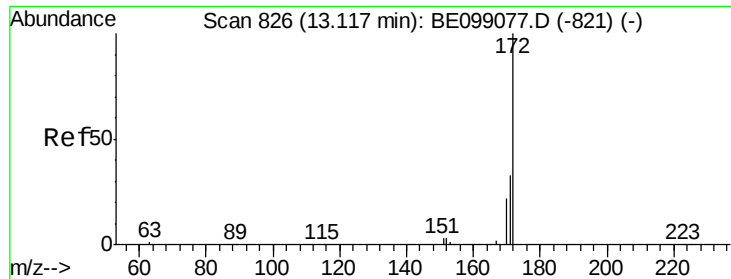
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#14
2,4,6-Tribromophenol
Concen: 0.594 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099095.D
Acq: 23 Mar 2019 00:34

Tgt Ion:330 Resp: 1386
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 53.0 31.0 46.4#





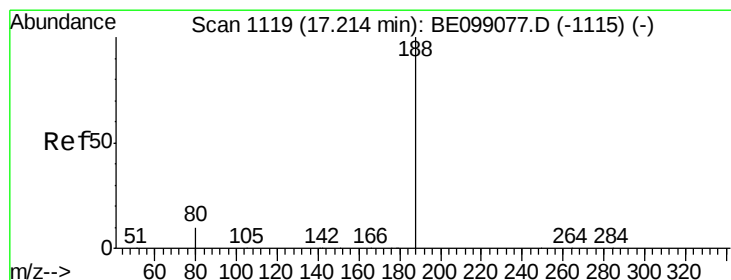
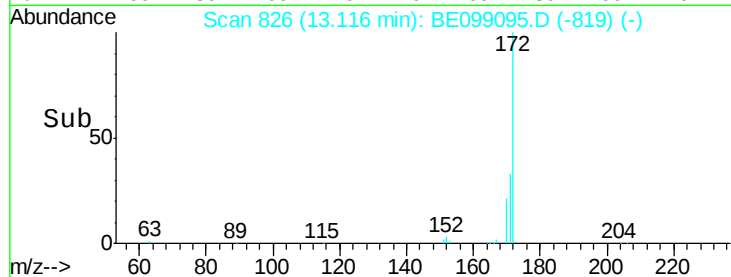
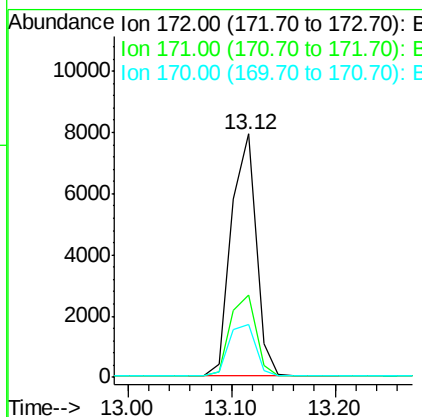
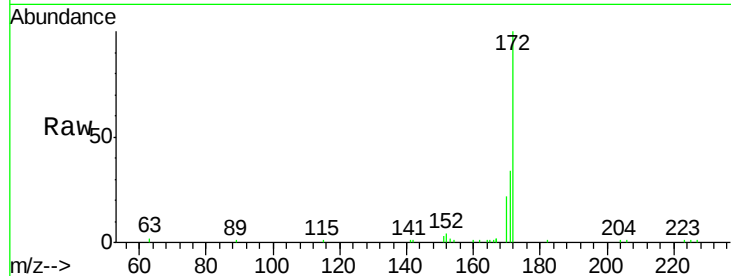
#15
 2-Fluorobiphenyl
 Concen: 0.416 ng
 RT: 13.12 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BE099095.D
 Acq: 23 Mar 2019 00:34

Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B032-031319

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.0	42.0
170	21.6	17.7	26.5

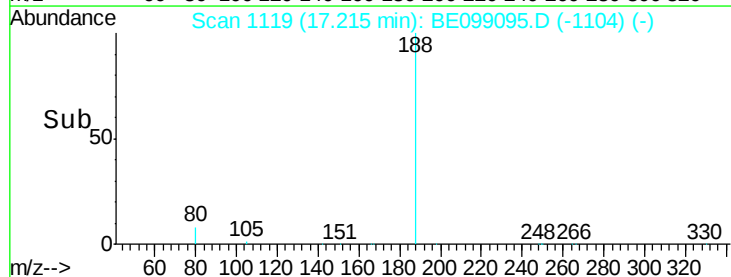
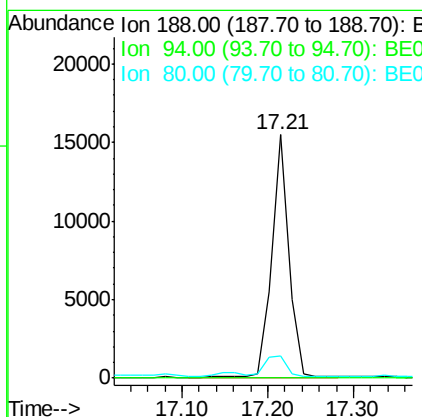
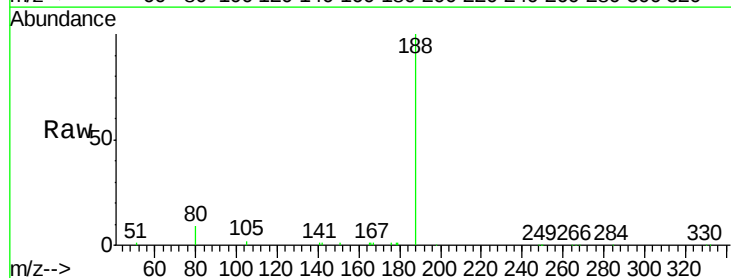
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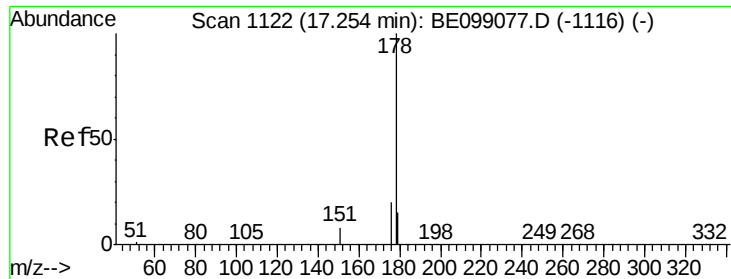
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#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.21 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BE099095.D
 Acq: 23 Mar 2019 00:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.3	9.5





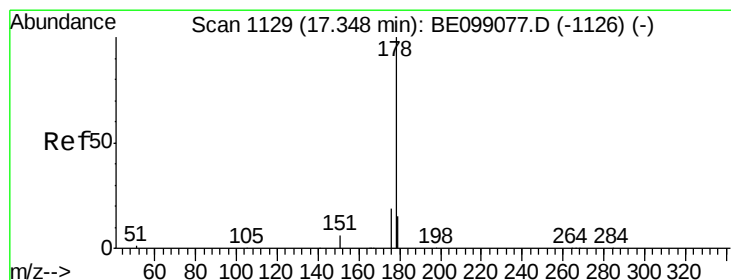
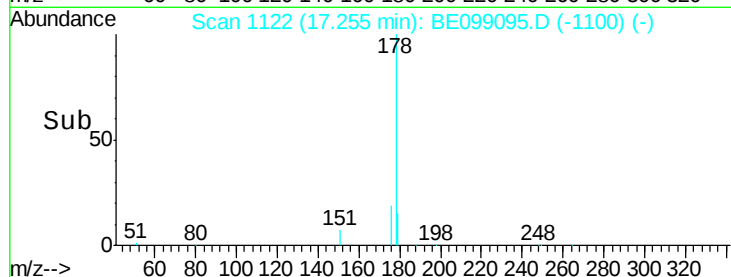
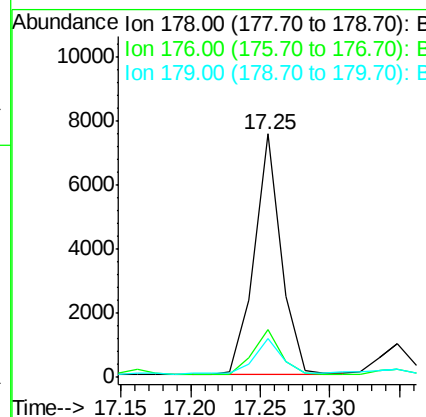
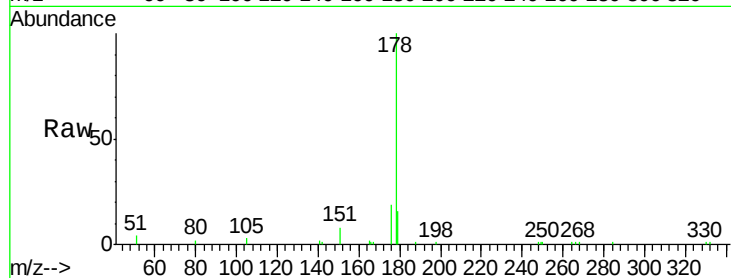
#23
Phenanthrene
Concen: 0.161 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099095.D
Acq: 23 Mar 2019 00:34

Instrument :
BNA_E
ClientSampleId :
PST-025-B032-031319

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	15.0	12.1	18.1

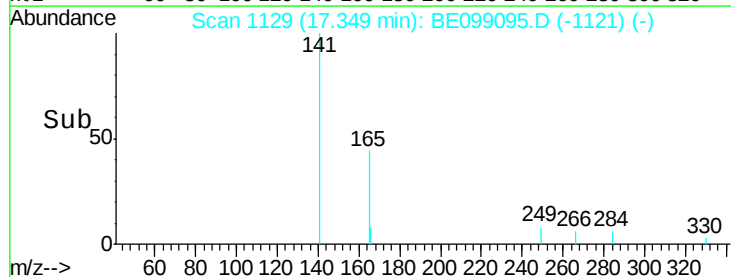
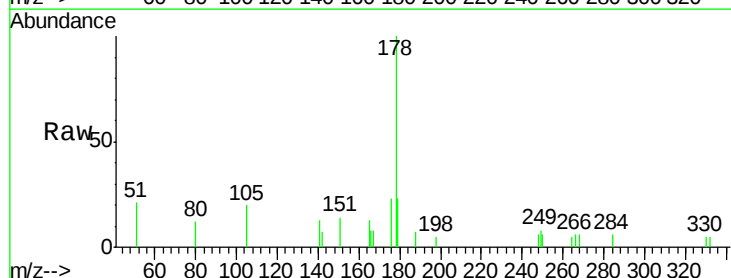
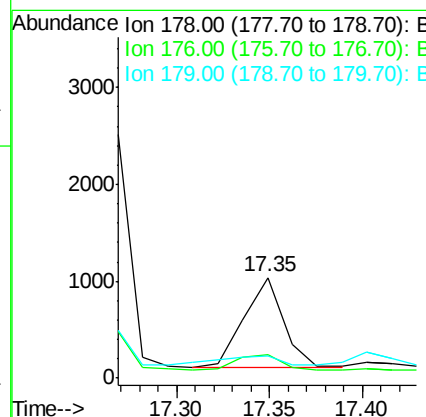
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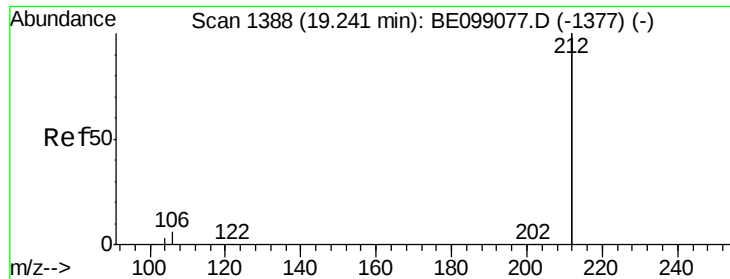
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#24
Anthracene
Concen: 0.023 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099095.D
Acq: 23 Mar 2019 00:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.0
179	15.8	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099095.D

Acq: 23 Mar 2019 00:34

Instrument :

BNA_E

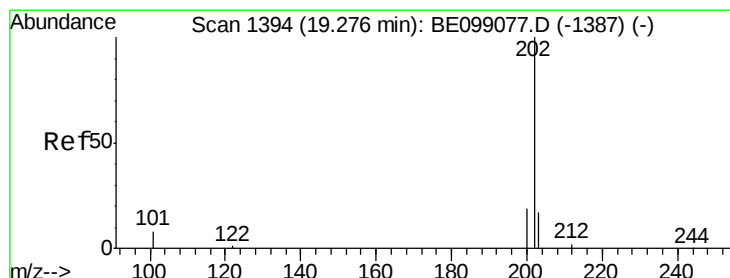
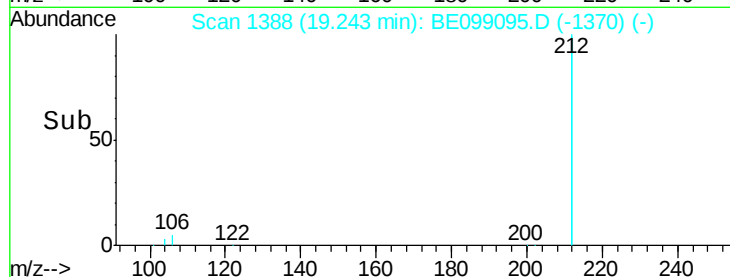
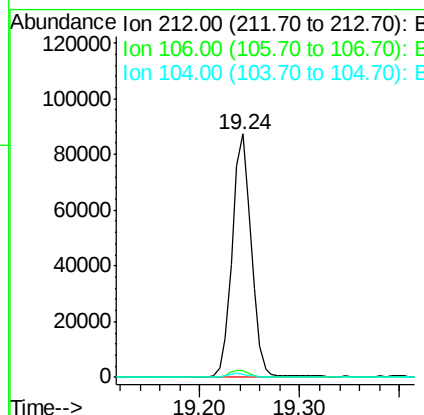
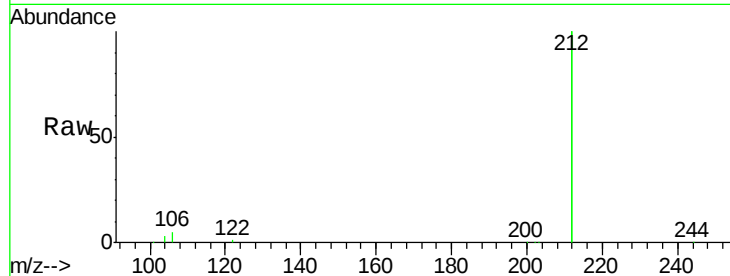
ClientSampleId :

PST-025-B032-031319

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	114236		
106	2.7	1.8	2.8	
104	1.7	1.0	1.6	

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#26

Fluoranthene

Concen: 0.236 ng

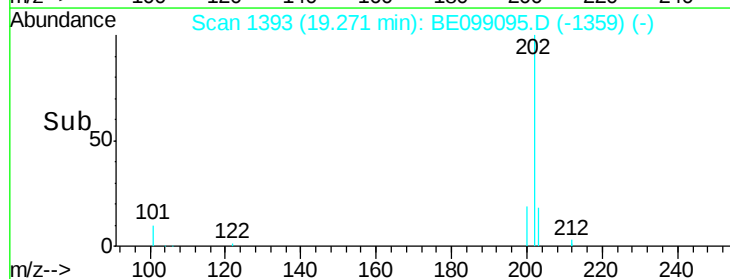
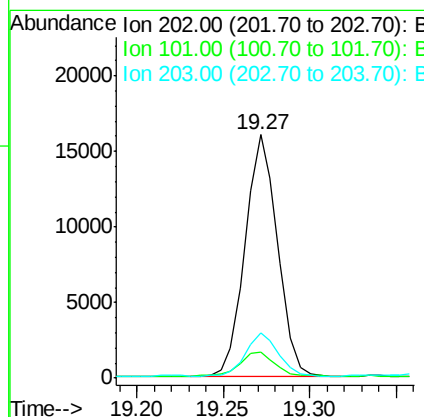
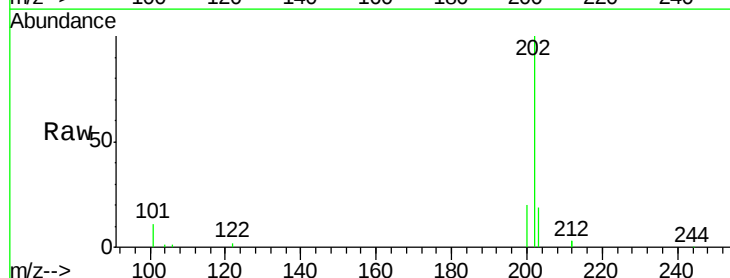
RT: 19.27 min Scan# 1393

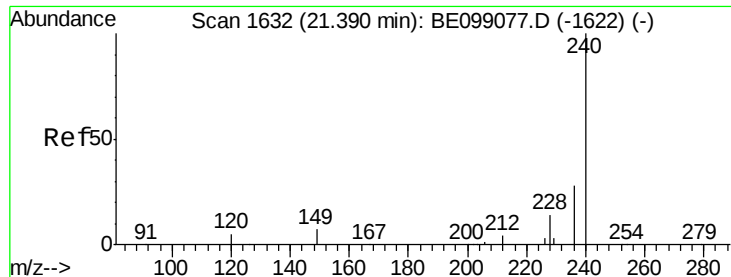
Delta R.T. -0.00 min

Lab File: BE099095.D

Acq: 23 Mar 2019 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	20881		
101	11.5	7.3	10.9	
203	17.6	13.4	20.2	





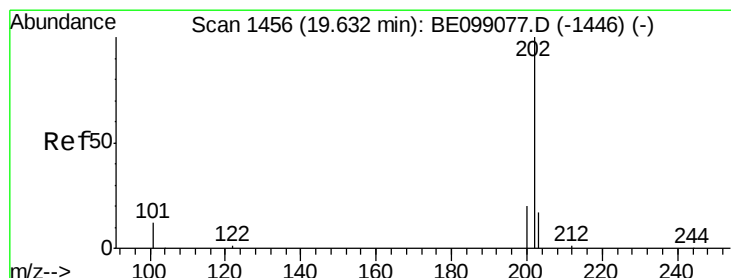
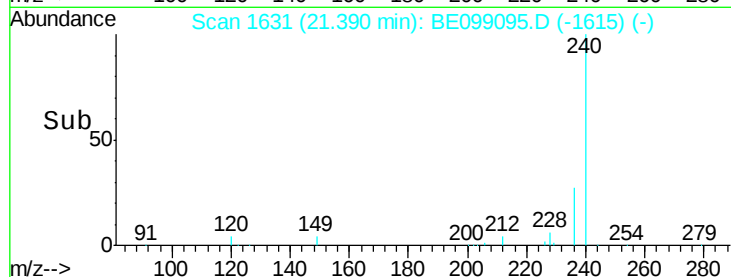
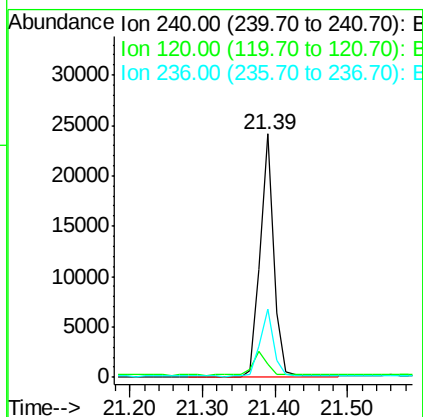
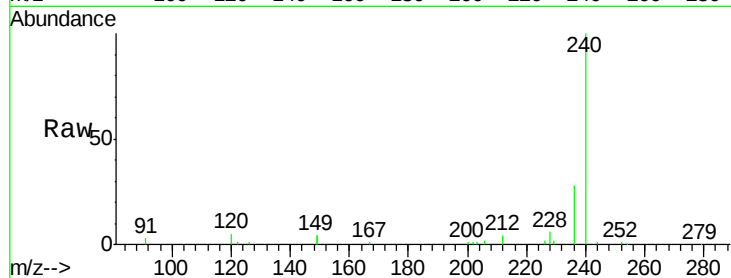
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BE099095.D
 Acq: 23 Mar 2019 00:34

Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B032-031319

Tgt Ion: 240 Resp: 30972
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.0 7.4
 236 27.8 22.7 34.1

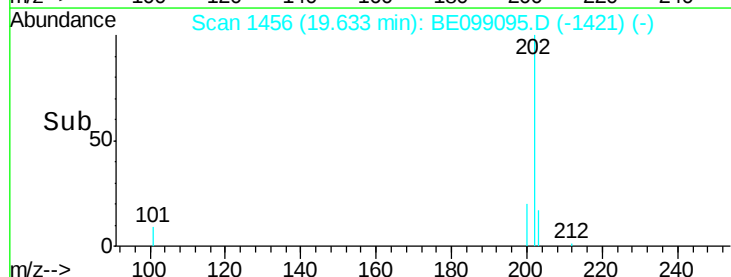
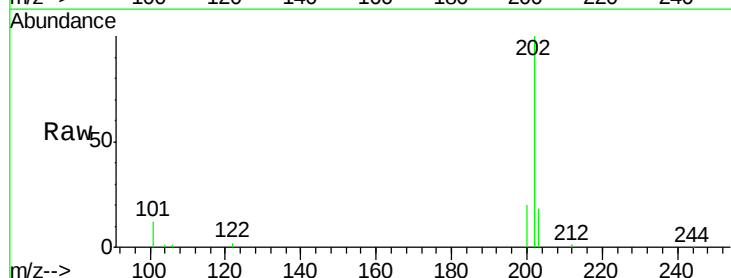
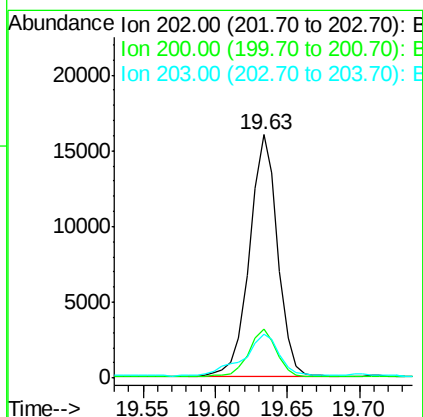
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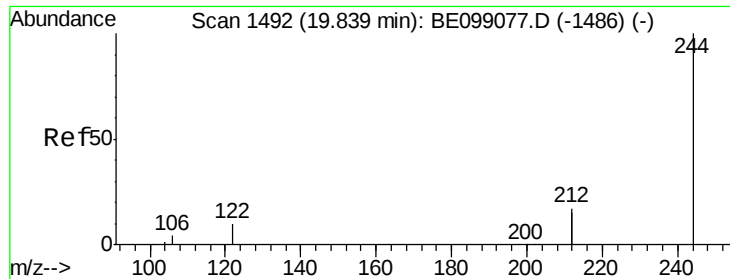
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#28
 Pyrene
 Concen: 0.208 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE099095.D
 Acq: 23 Mar 2019 00:34

Tgt Ion: 202 Resp: 21854
 Ion Ratio Lower Upper
 202 100
 200 19.9 17.0 25.6
 203 21.9 14.2 21.2#





#29

Terphenyl-d14

Concen: 0.338 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE099095.D

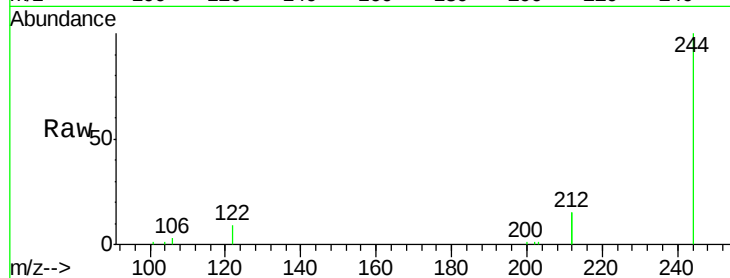
Acq: 23 Mar 2019 00:34

Instrument :

BNA_E

ClientSampleId :

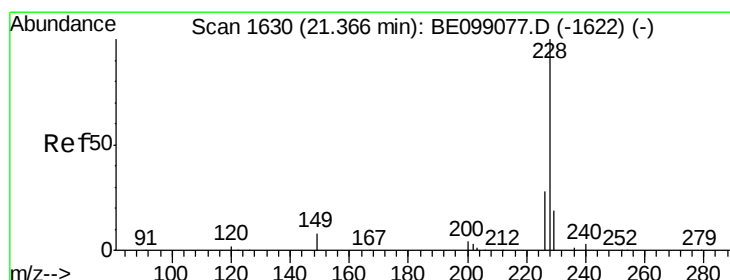
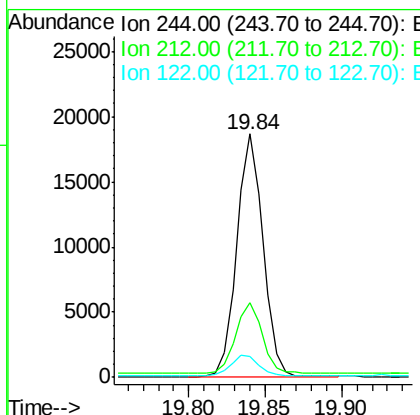
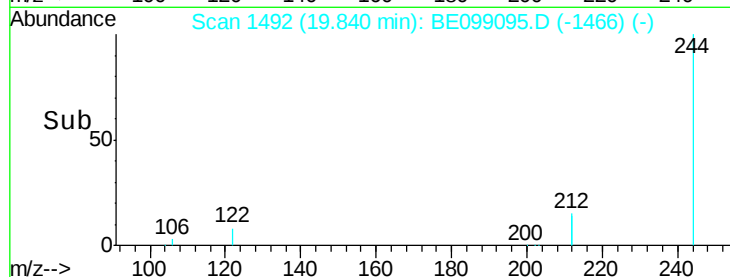
PST-025-B032-031319



Tgt Ion:	244	Resp:	22163
Ion Ratio	Lower	Upper	
244	100		
212	30.6	29.4	44.2
122	8.5	7.1	10.7

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#30

Benzo(a)anthracene

Concen: 0.113 ng

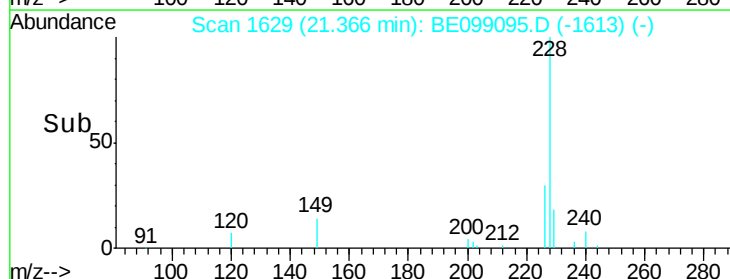
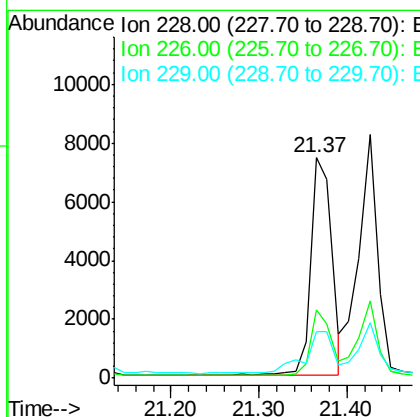
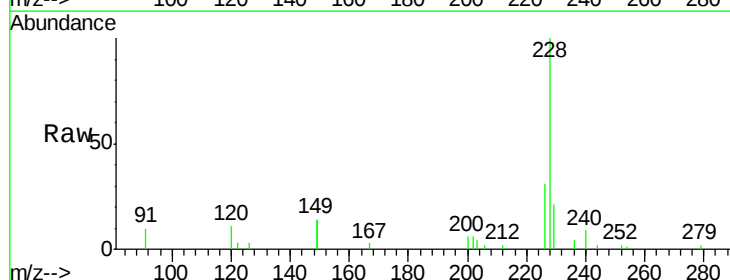
RT: 21.37 min Scan# 1629

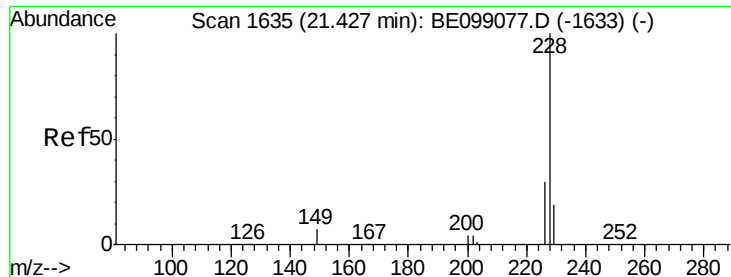
Delta R.T. -0.00 min

Lab File: BE099095.D

Acq: 23 Mar 2019 00:34

Tgt Ion:	228	Resp:	12360
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.0	34.4
229	21.1	16.5	24.7





#31

Chrysene

Concen: 0.113 ng

RT: 21.43 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099095.D

Acq: 23 Mar 2019 00:34

Instrument :

BNA_E

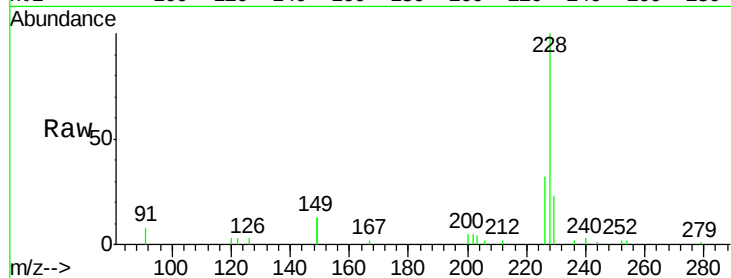
ClientSampleId :

PST-025-B032-031319

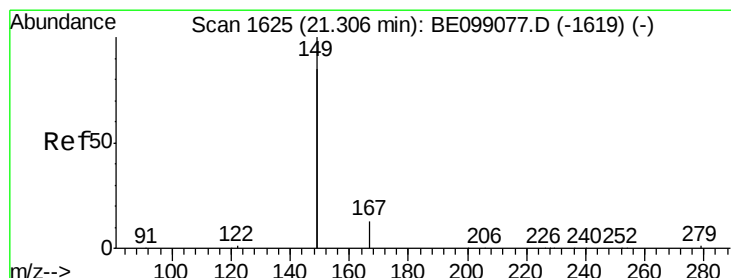
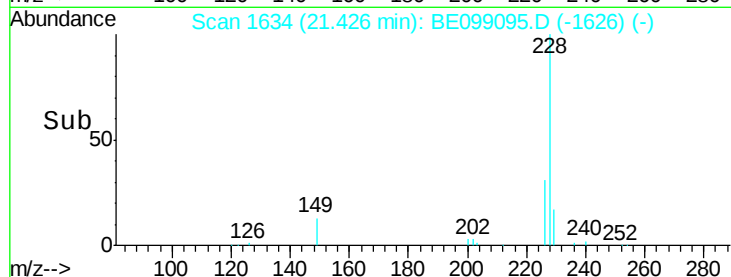
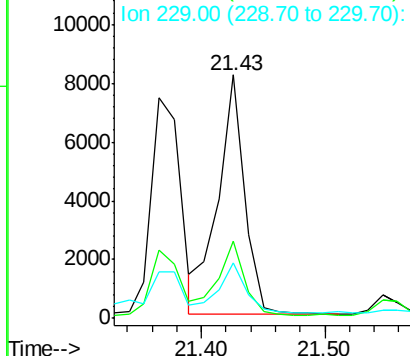
Tgt Ion:	228	Resp:	12311
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.7	35.5
229	22.6	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.226 ng

RT: 21.31 min Scan# 1624

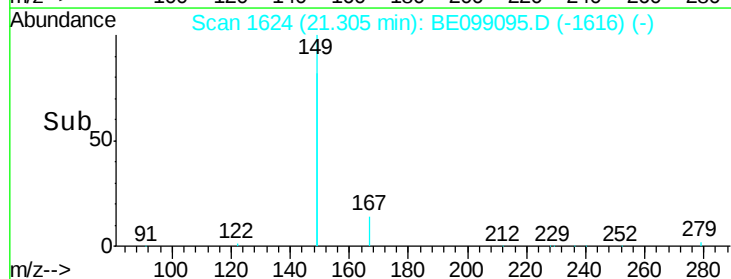
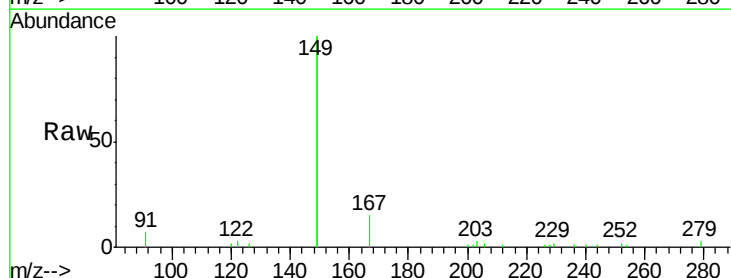
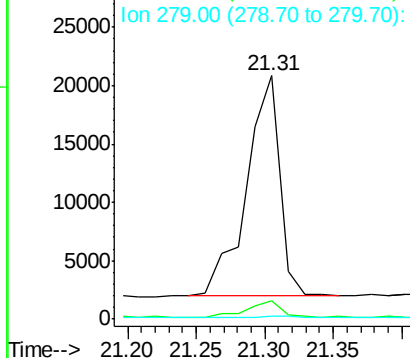
Delta R.T. -0.00 min

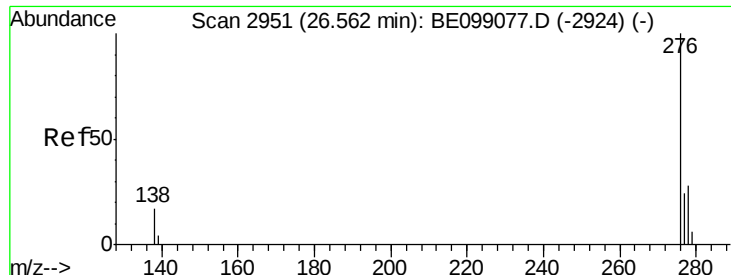
Lab File: BE099095.D

Acq: 23 Mar 2019 00:34

Tgt Ion:	149	Resp:	31962
Ion Ratio	Lower	Upper	
149	100		
167	7.3	5.4	8.0
279	1.1	1.0	1.4

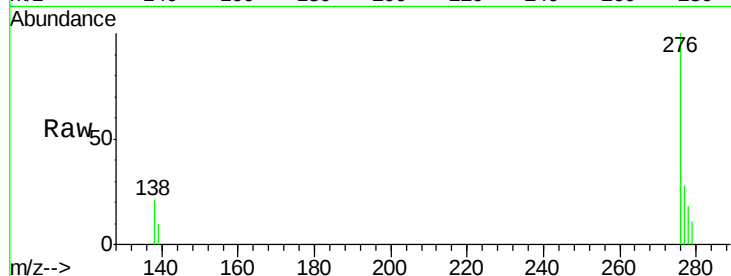
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.053 ng
 RT: 26.56 min Scan# 2948
 Delta R.T. -0.01 min
 Lab File: BE099095.D
 Acq: 23 Mar 2019 00:34

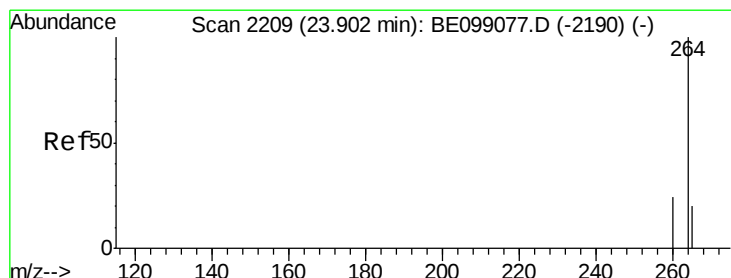
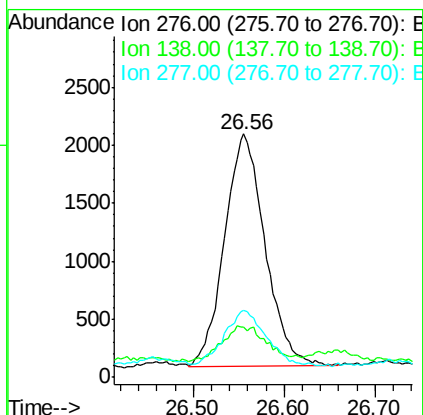
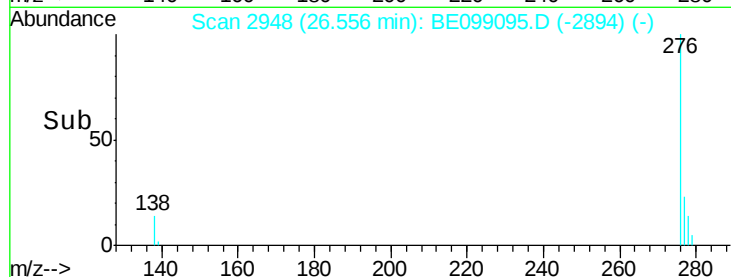
Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B032-031319



Tgt Ion: 276 Resp: 6174
 Ion Ratio Lower Upper
 276 100
 138 17.1 13.8 20.8
 277 23.9 19.5 29.3

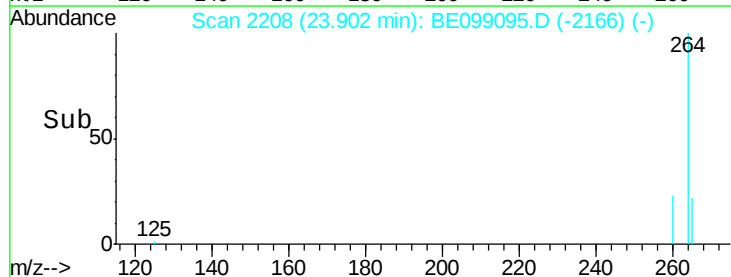
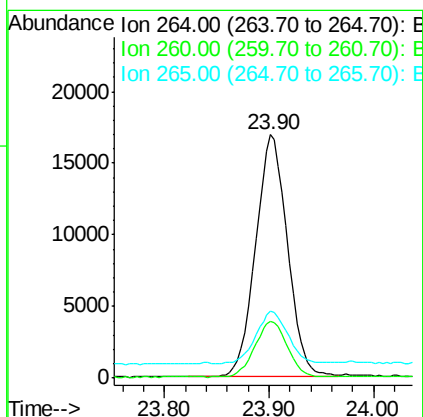
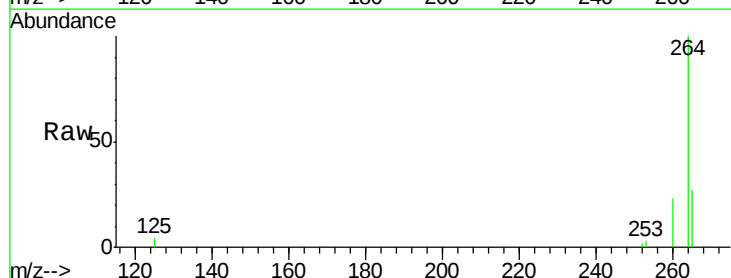
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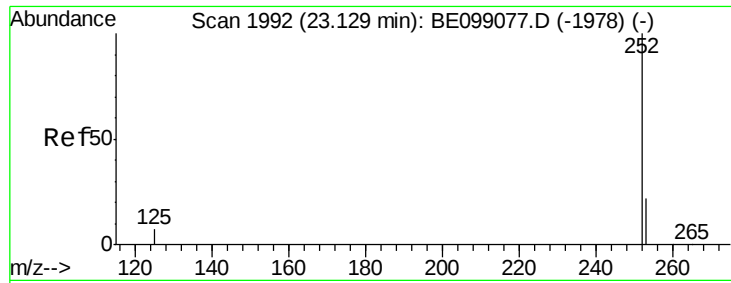
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE099095.D
 Acq: 23 Mar 2019 00:34

Tgt Ion: 264 Resp: 35814
 Ion Ratio Lower Upper
 264 100
 260 23.3 21.2 31.8
 265 27.4 24.6 36.8





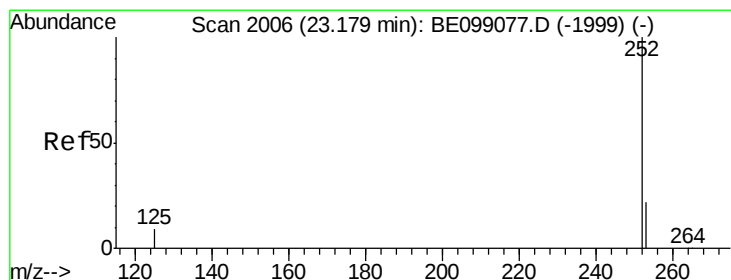
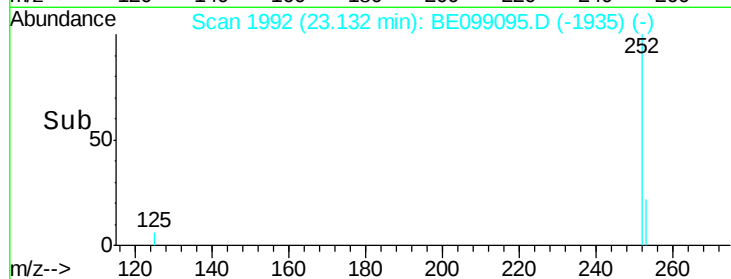
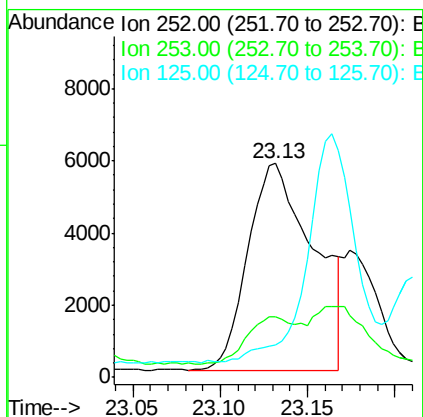
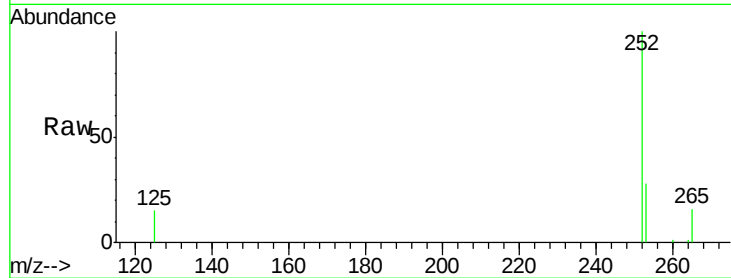
#35
Benzo(b)fluoranthene
Concen: 0.121 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE099095.D
Acq: 23 Mar 2019 00:34

Instrument :
BNA_E
ClientSampleId :
PST-025-B032-031319

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	18.2	27.2#
125	15.4	7.3	10.9#

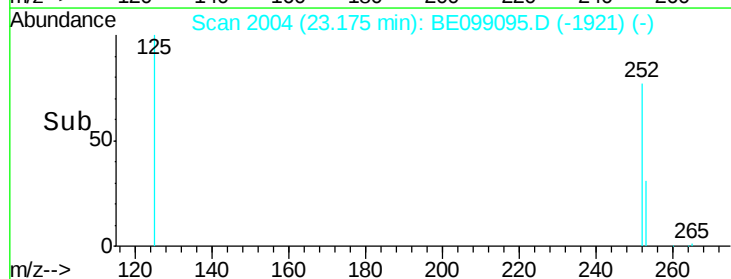
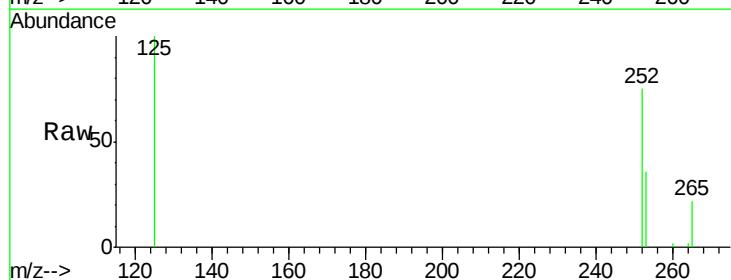
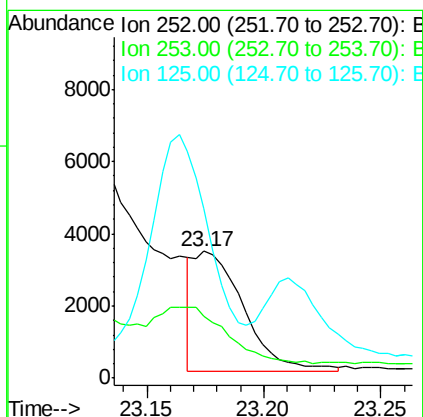
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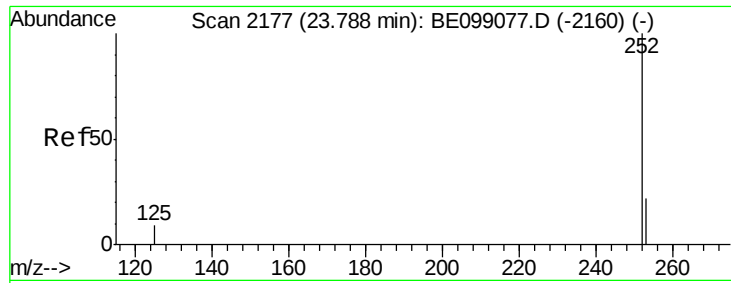
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#36
Benzo(k)fluoranthene
Concen: 0.040 ng m
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099095.D
Acq: 23 Mar 2019 00:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.6	19.3	28.9#
125	133.5	7.5	11.3#





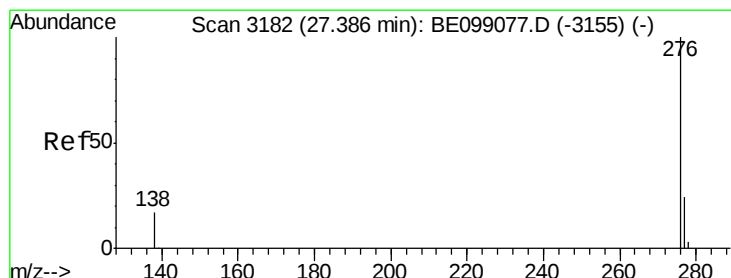
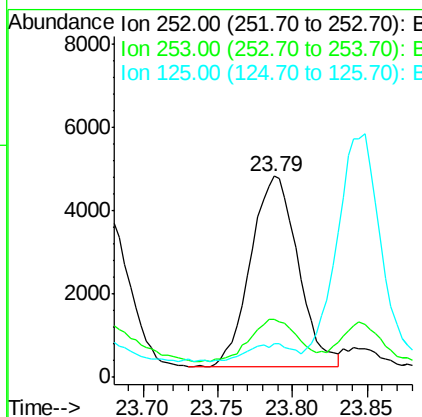
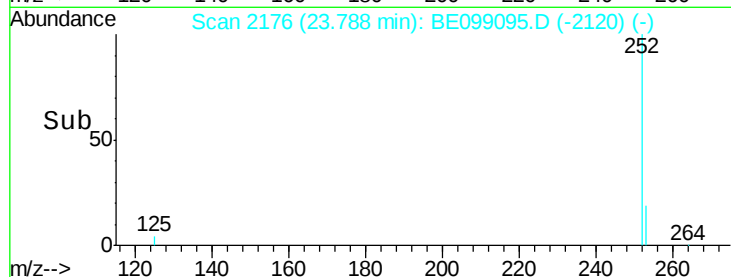
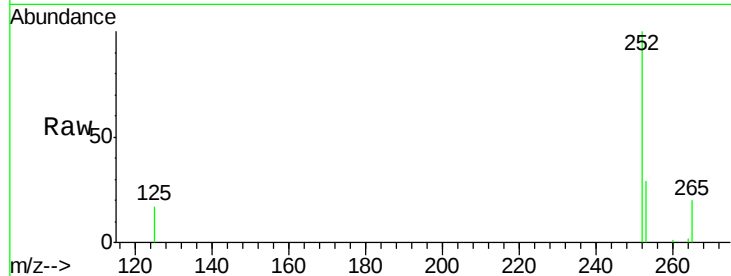
#37
Benzo(a)pyrene
Concen: 0.088 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE099095.D
Acq: 23 Mar 2019 00:34

Instrument :
BNA_E
ClientSampleId :
PST-025-B032-031319

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	19.9	29.9
125	16.5	9.0	13.4

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#39
Benzo(g,h,i)perylene
Concen: 0.057 ng
RT: 27.38 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE099095.D
Acq: 23 Mar 2019 00:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.4	30.6
138	24.6	13.6	20.4

