

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\
 Data File : BE099136.D
 Acq On : 24 Mar 2019 6:50
 Operator : JU/SJ
 Sample : K1947-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B098-031219

Manual Integrations
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Sohil
 3/25/2019 12:37:44 PM

Quant Time: Mar 25 00:20:14 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 04:40:11 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3590	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14641	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	9522	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	27674	0.40	ng	0.00
27) Chrysene-d12	21.39	240	38436	0.40	ng	0.00
34) Perylene-d12	23.90	264	41634	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	4483	0.42	ng	0.00
5) Phenol-d6	6.99	99	6630	0.43	ng	0.00
8) Nitrobenzene-d5	8.99	82	5018	0.78	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9479	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	2377	0.85	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	14275	0.38	ng	-0.02
25) Fluoranthene-d10	19.24	212	131421	0.36	ng	0.00
29) Terphenyl-d14	19.83	244	27442	0.34	ng	0.00

Target Compounds

						Qvalue
17) Acenaphthene	14.54	154	608	0.020	ng	98
23) Phenanthrene	17.25	178	15906	0.194	ng	98
24) Anthracene	17.35	178	3682	0.047	ng	# 93
26) Fluoranthene	19.27	202	26795	0.232	ng	97
28) Pyrene	19.63	202	23380	0.179	ng	# 93
30) Benzo(a)anthracene	21.37	228	14709	0.109	ng	97
31) Chrysene	21.43	228	13154m	0.097	ng	
32) Bis(2-ethylhexyl)phthalate	21.29	149	23756	0.135	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.55	276	6206	0.043	ng	94
35) Benzo(b)fluoranthene	23.12	252	15973	0.111	ng	# 72
36) Benzo(k)fluoranthene	23.17	252	5542m	0.039	ng	
37) Benzo(a)pyrene	23.78	252	11419	0.086	ng	# 86
39) Benzo(a,h,i)perylene	27.37	276	5870	0.044	ng	# 87

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

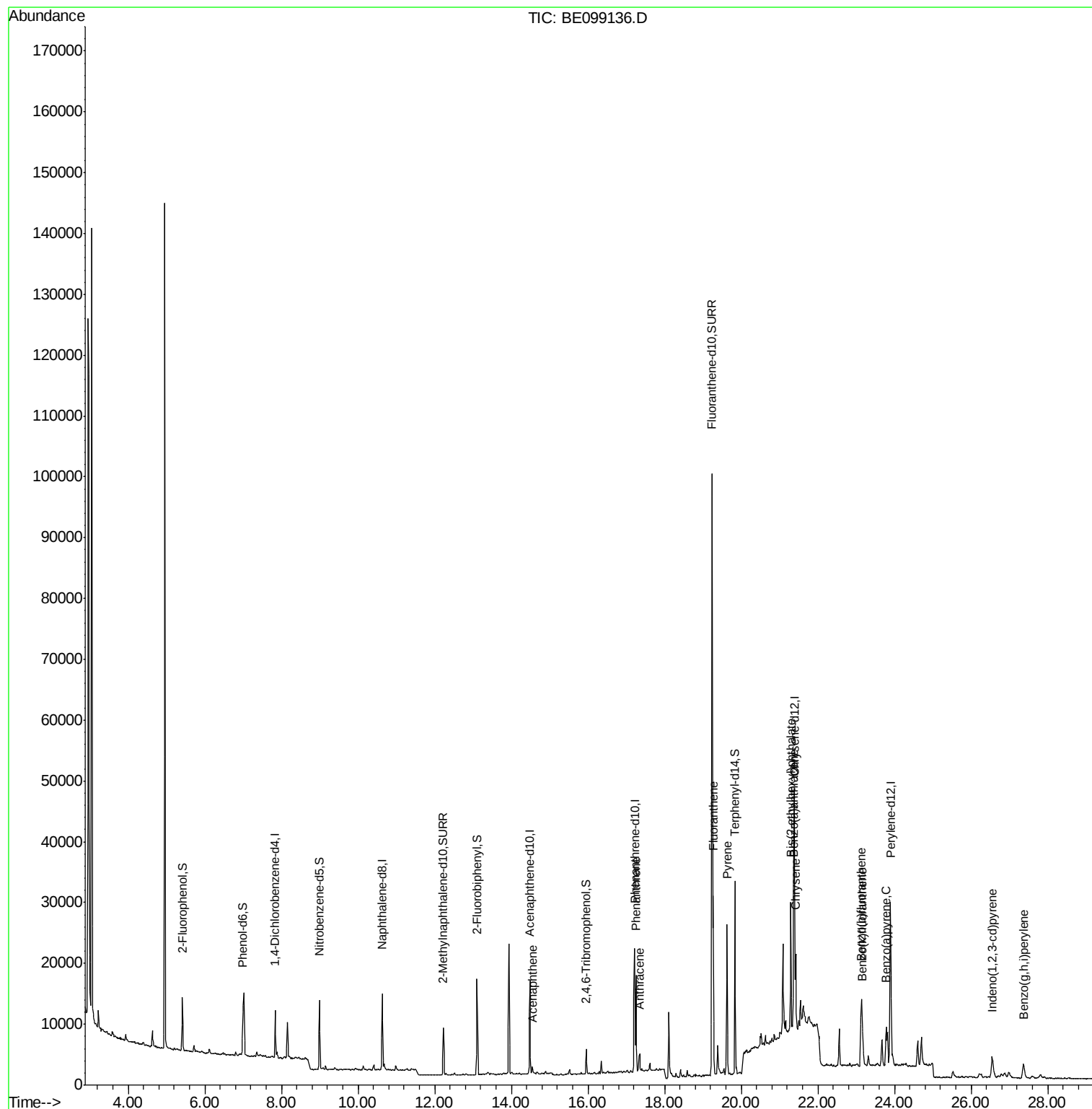
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\
Data File : BE099136.D
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ALS Vial : 33 Sample Multiplier: 1

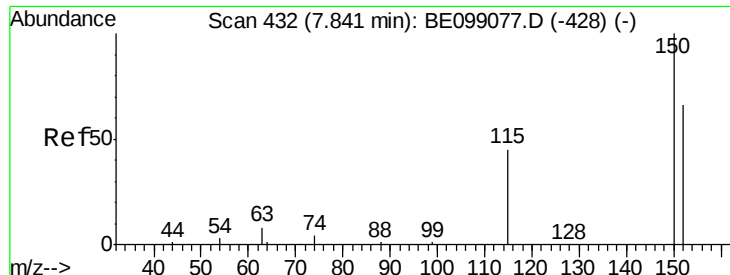
Instrument :
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#1

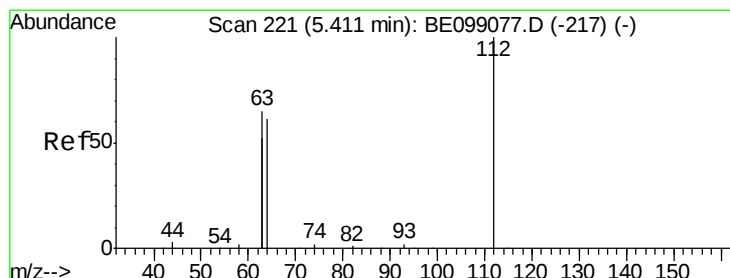
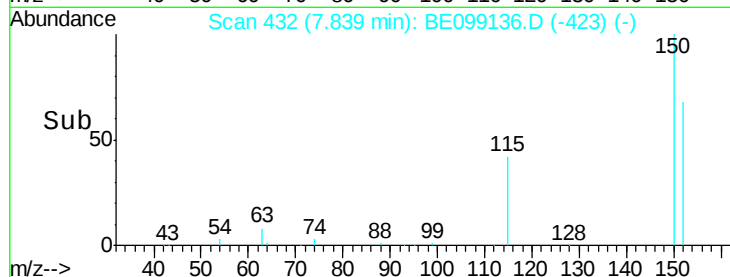
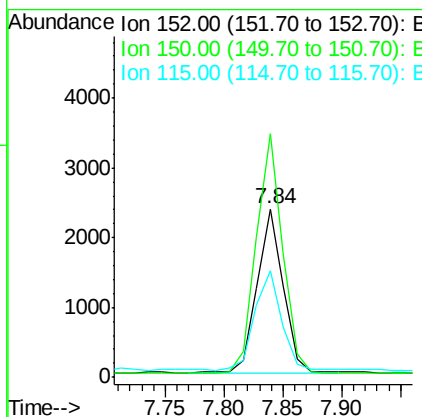
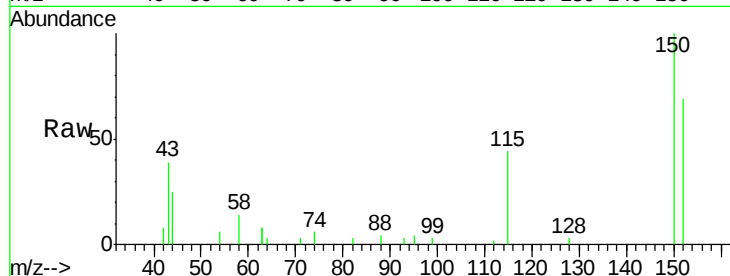
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	122.5	183.7
115	63.5	57.4	86.2

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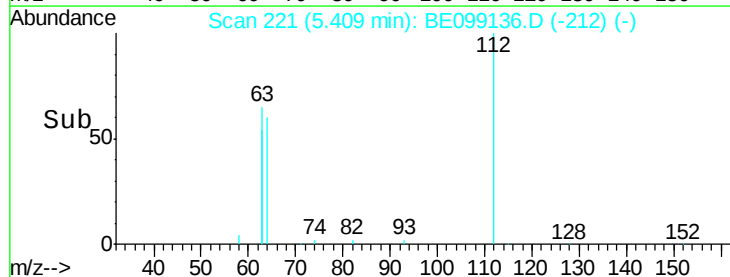
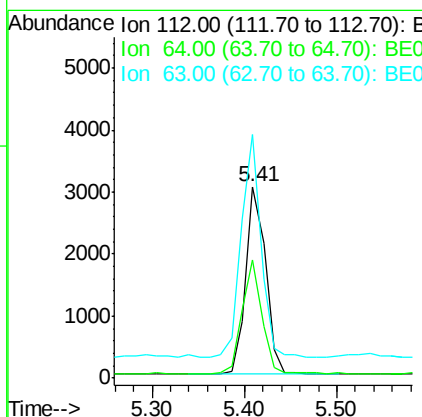
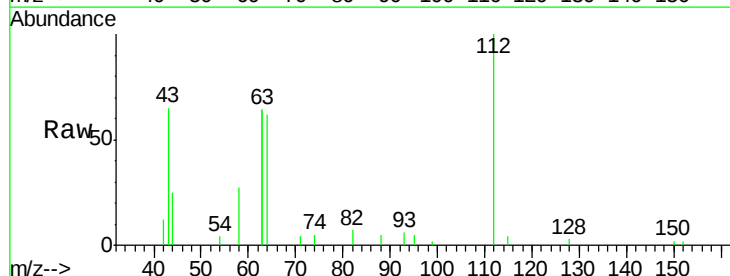
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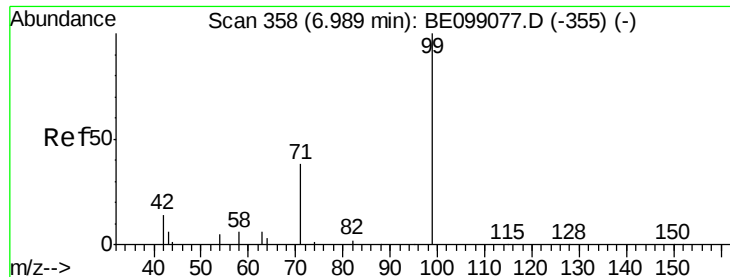


#4

2-Fluorophenol
Concen: 0.419 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	57.9	86.9
63	119.0	158.3	237.5#





#5

Phenol-d6

Concen: 0.431 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099136.D

Acq: 24 Mar 2019 6:50

Instrument :

BNA_E

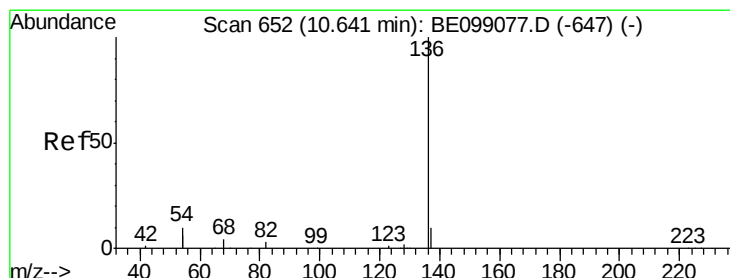
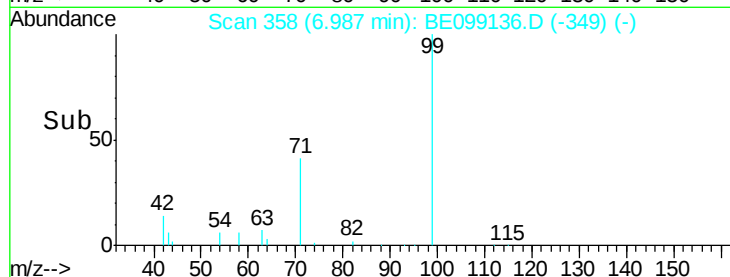
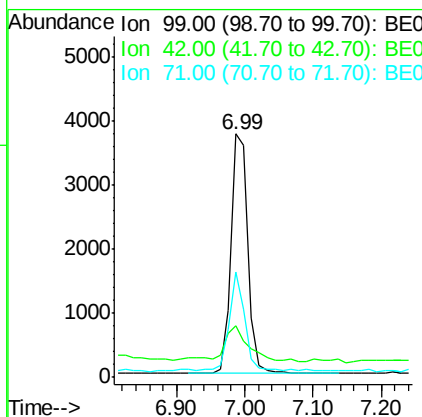
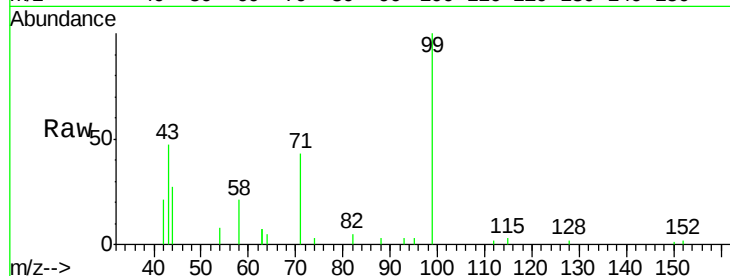
ClientSampleId :

PST-028-B098-031219

Tot Ion:	99	Resp:	6630
Ion Ratio	Lower	Upper	
99	100		
42	21.5	24.2	36.2#
71	37.0	35.7	53.5

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#7

Naphthalene-d8

Concen: 0.400 ng

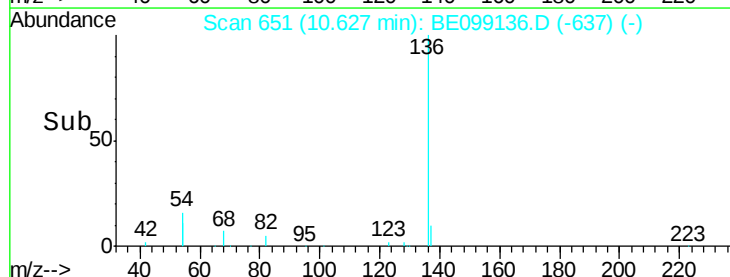
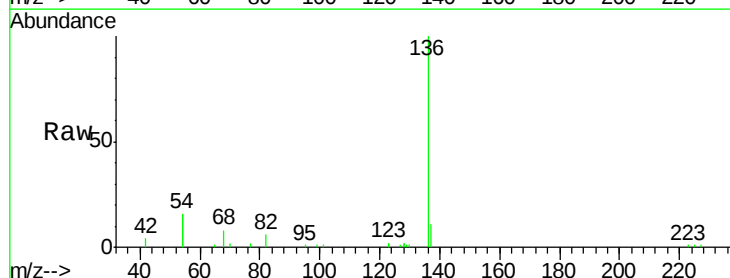
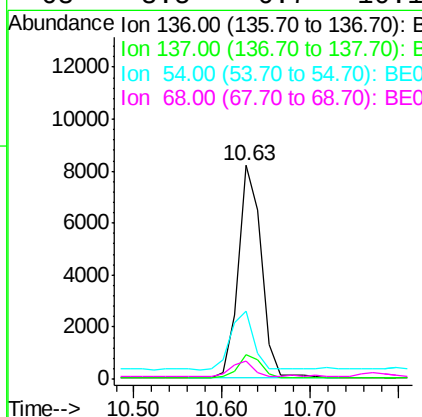
RT: 10.63 min Scan# 651

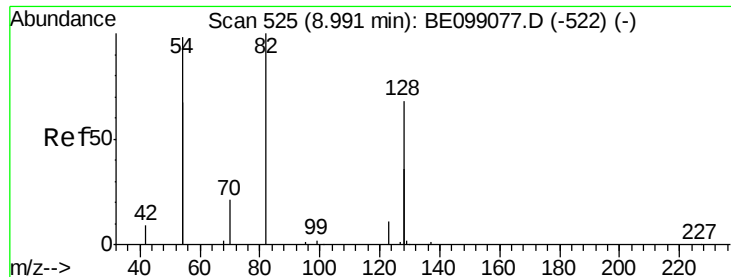
Delta R.T. -0.01 min

Lab File: BE099136.D

Acq: 24 Mar 2019 6:50

Tgt Ion:	136	Resp:	14641
Ion Ratio	Lower	Upper	
136	100		
137	11.1	11.4	17.0#
54	31.9	39.3	58.9#
68	8.5	6.7	10.1





#8

Nitrobenzene-d5

Concen: 0.784 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099136.D

Acq: 24 Mar 2019 6:50

Instrument :

BNA_E

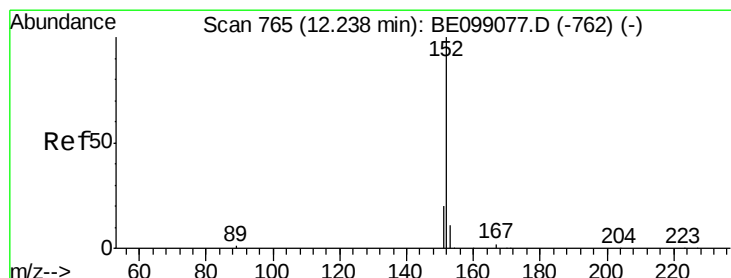
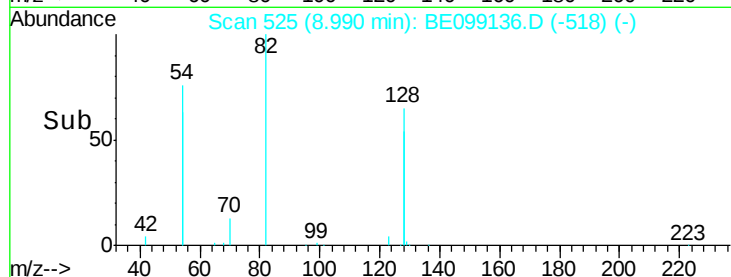
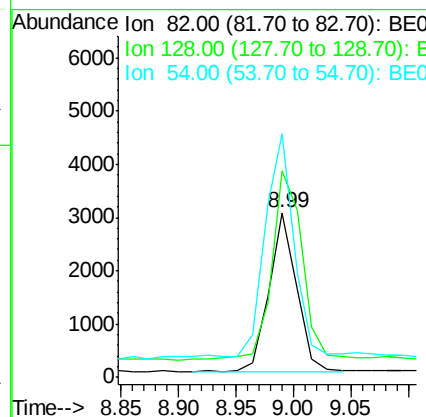
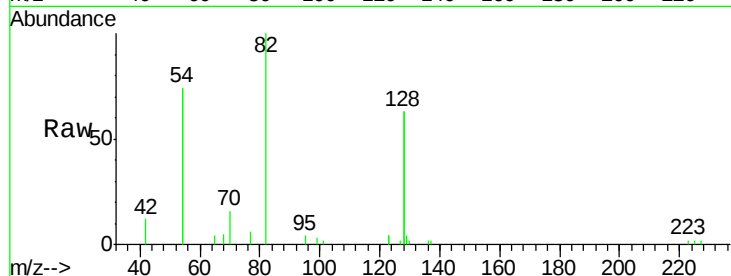
ClientSampleId :

PST-028-B098-031219

Tot Ion	Ratio	Lower	Upper
82	100		
128	125.8	123.8	185.8
54	147.9	203.4	305.2

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#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

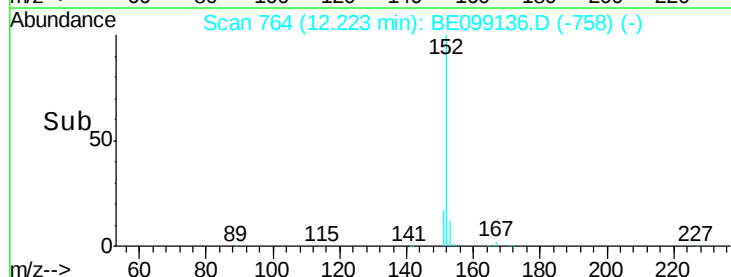
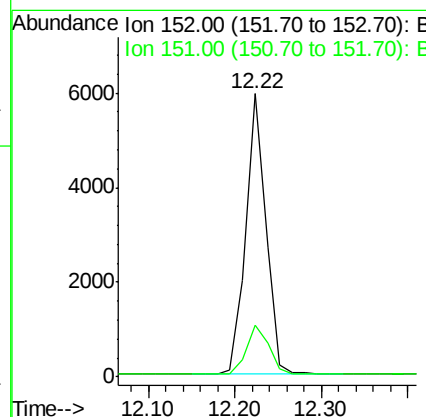
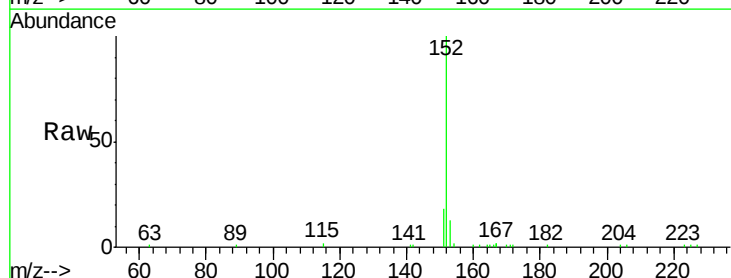
RT: 12.22 min Scan# 764

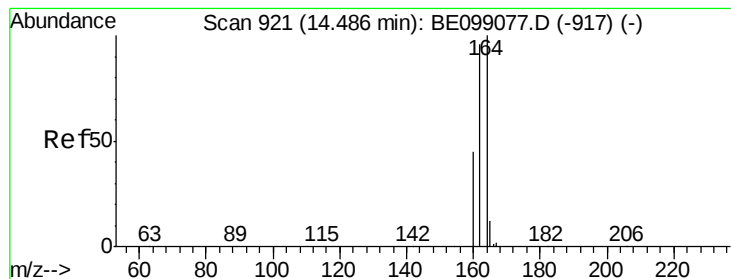
Delta R.T. -0.02 min

Lab File: BE099136.D

Acq: 24 Mar 2019 6:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.5	24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099136.D

Acq: 24 Mar 2019 6:50

Instrument :

BNA_E

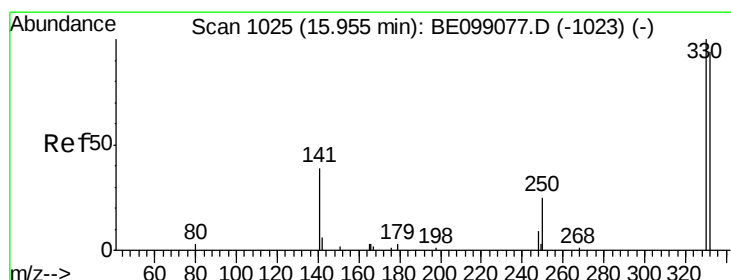
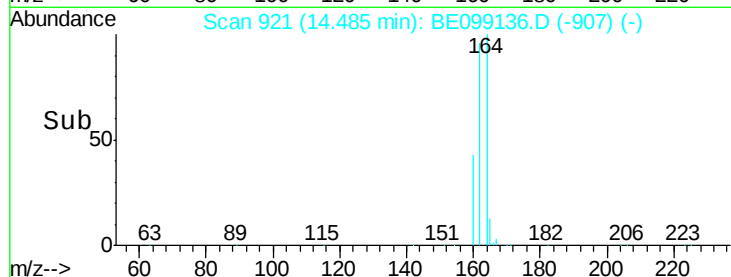
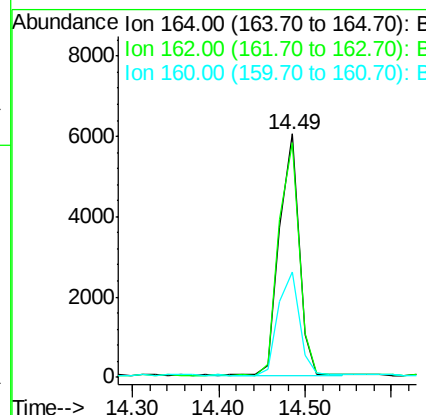
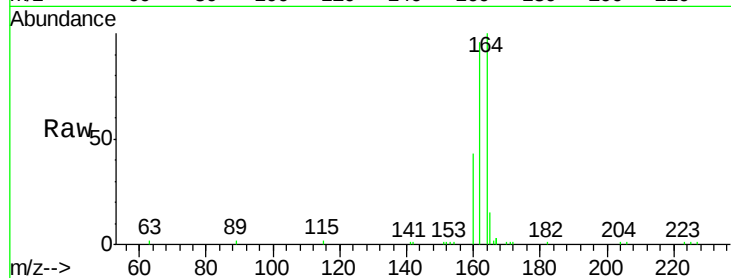
ClientSampleId :

PST-028-B098-031219

Tot Ion:	164	Resp:	9522
Ion Ratio	Lower	Upper	
164	100		
162	96.4	80.2	120.2
160	43.1	37.8	56.8

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#14

2,4,6-Tribromophenol

Concen: 0.849 ng

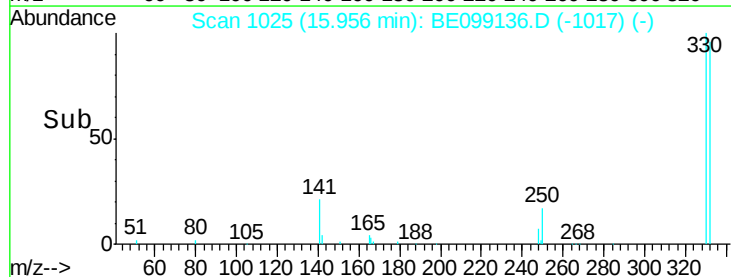
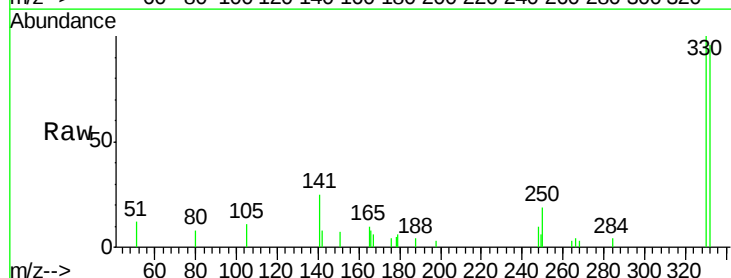
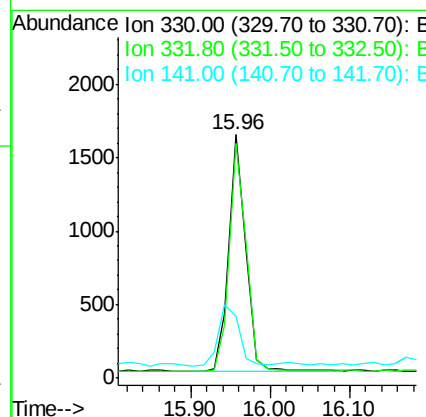
RT: 15.96 min Scan# 1025

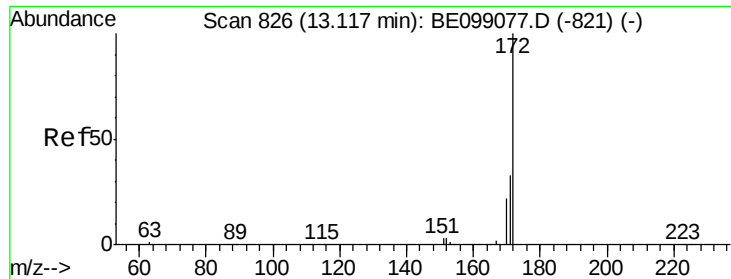
Delta R.T. 0.00 min

Lab File: BE099136.D

Acq: 24 Mar 2019 6:50

Tgt Ion:	330	Resp:	2377
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.6	116.4
141	31.7	31.0	46.4





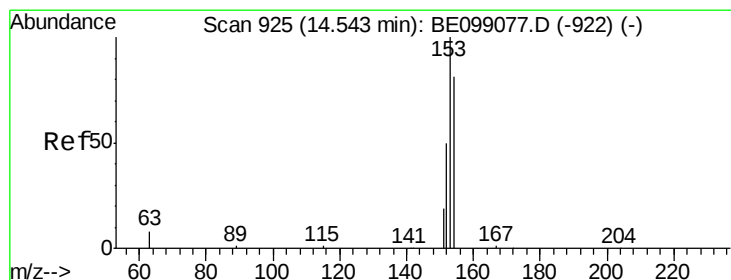
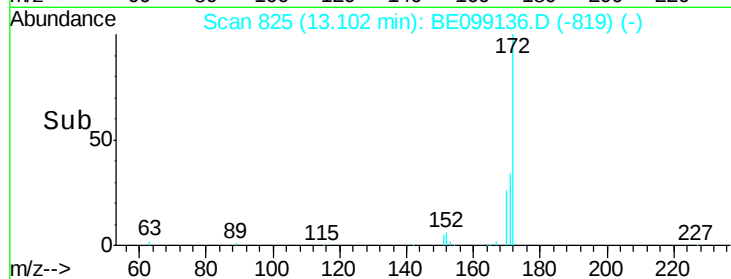
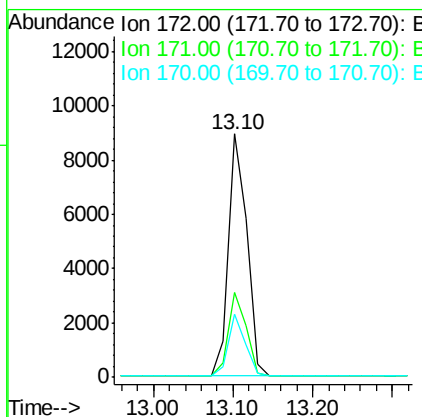
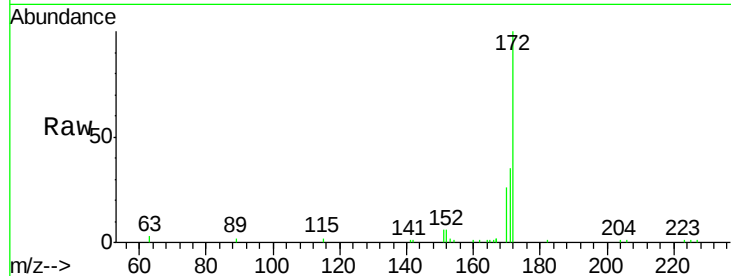
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	26.2	17.7	26.5

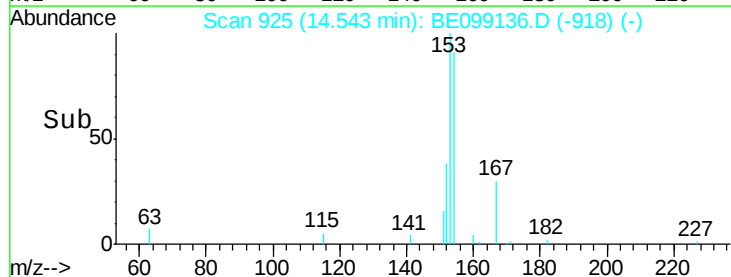
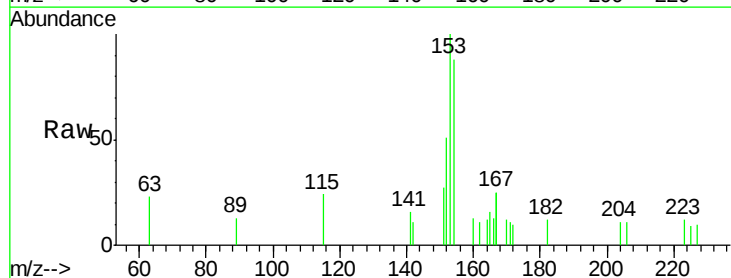
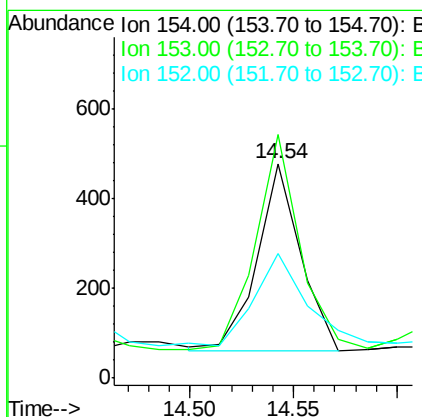
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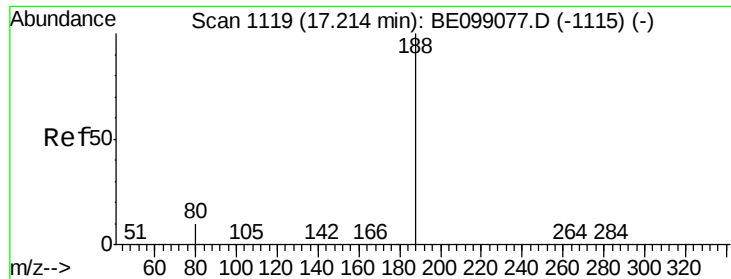
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#17
Acenaphthene
Concen: 0.020 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.1	94.2	141.4
152	59.9	45.0	67.4





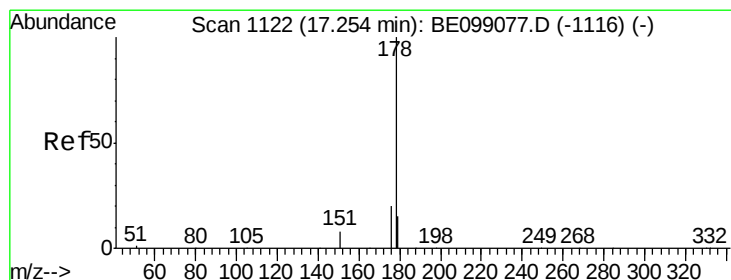
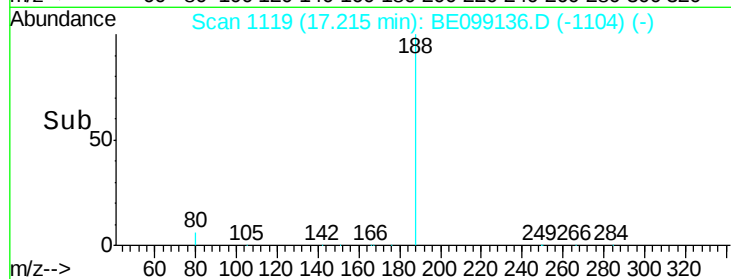
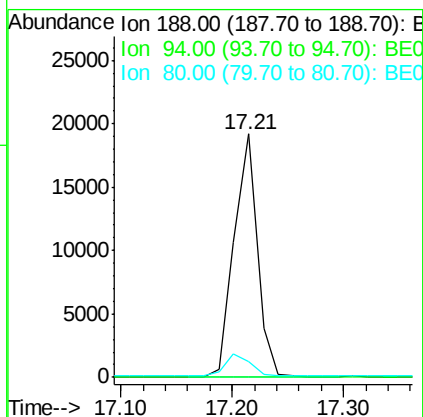
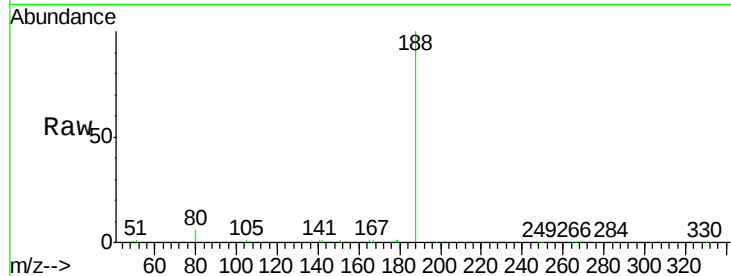
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tot Ion	Ratio	Resp	Lower	Upper
188	100	27674		
94	0.0	0.0	0.0	0.0
80	6.3	6.3	9.5	

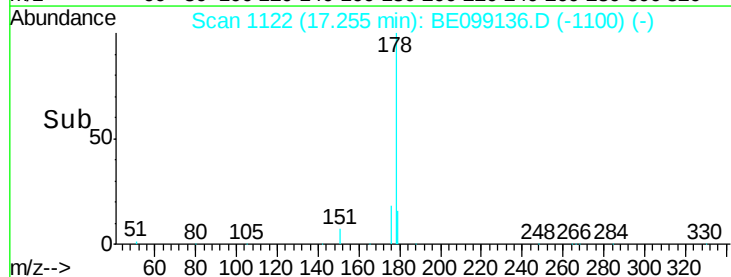
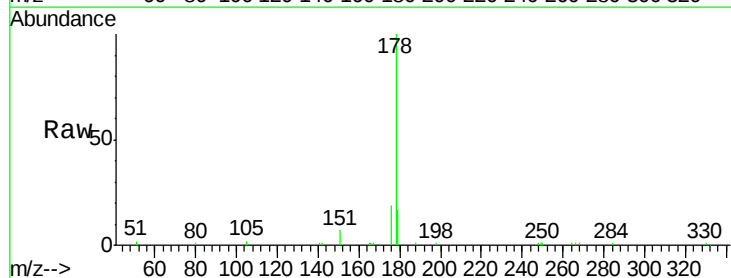
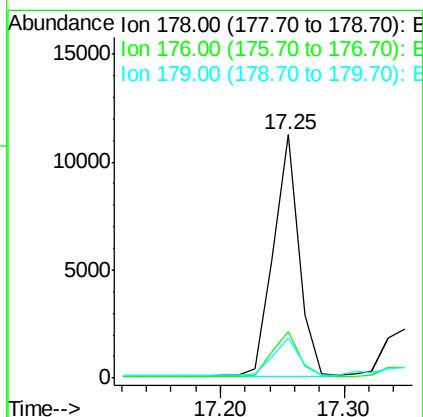
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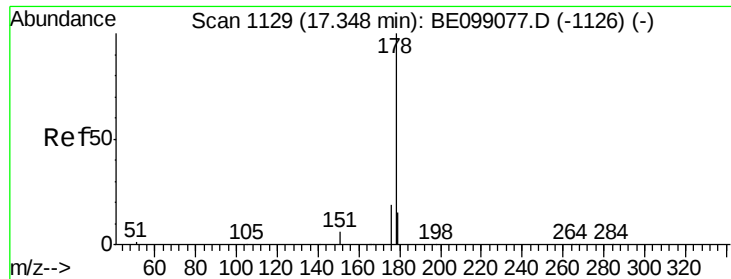
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#23
Phenanthrene
Concen: 0.194 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	15906		
176	19.3	16.0	24.0	
179	16.4	12.1	18.1	





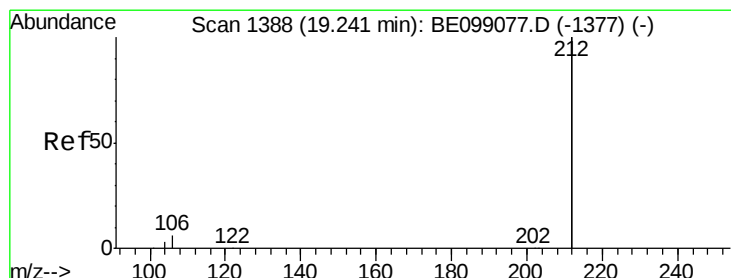
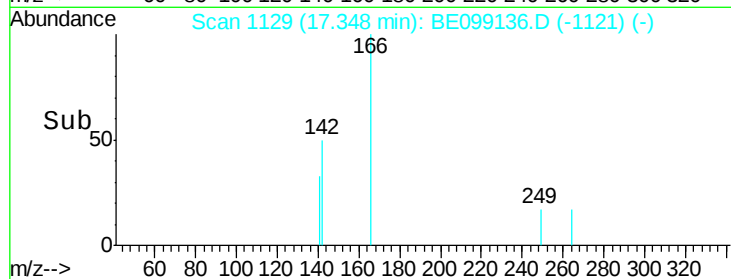
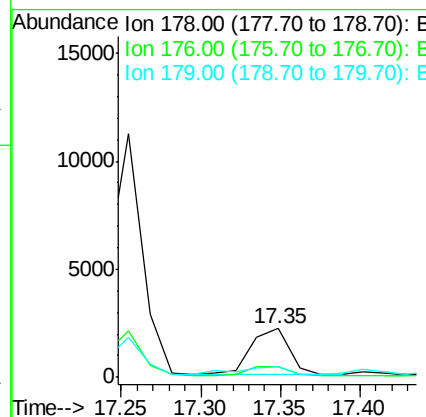
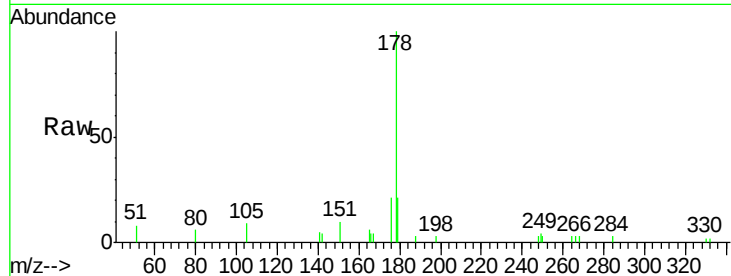
#24
 Anthracene
 Concen: 0.047 ng
 RT: 17.35 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BE099136.D
 Acq: 24 Mar 2019 6:50

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B098-031219

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.0
179	20.2	12.2	18.4

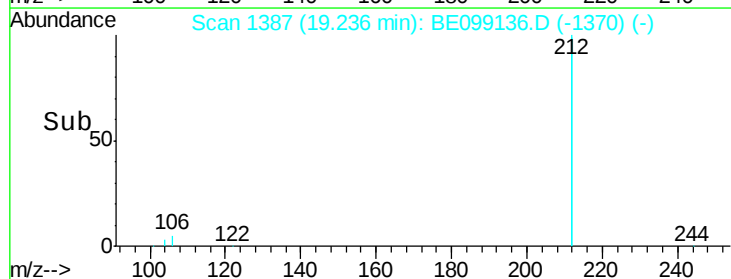
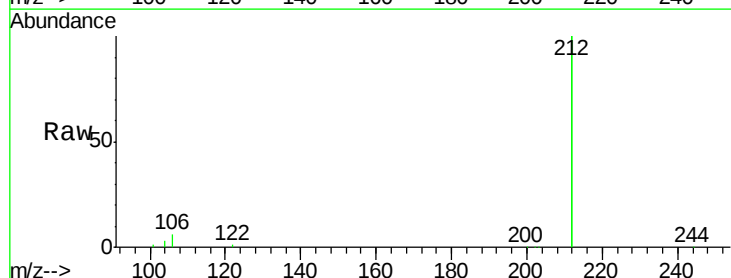
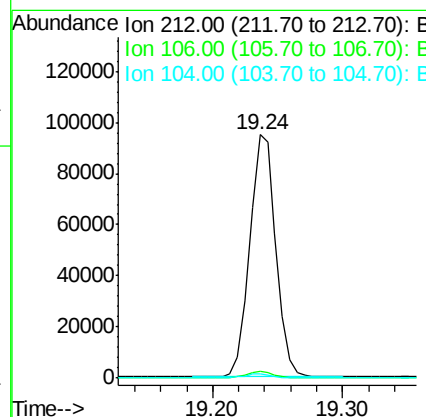
Manual Integrations
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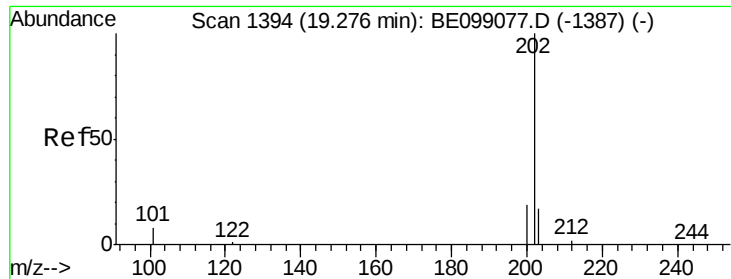
Sohil
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#25
 Fluoranthene-d10
 Concen: 0.356 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BE099136.D
 Acq: 24 Mar 2019 6:50

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.5	1.0	1.6





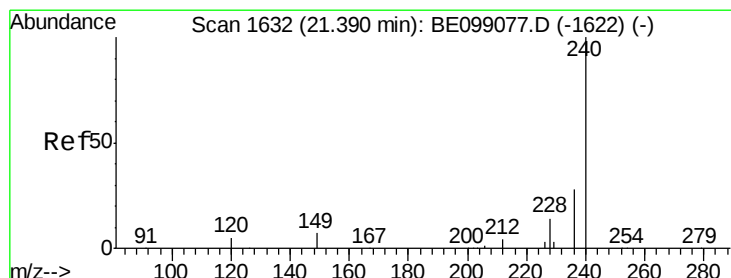
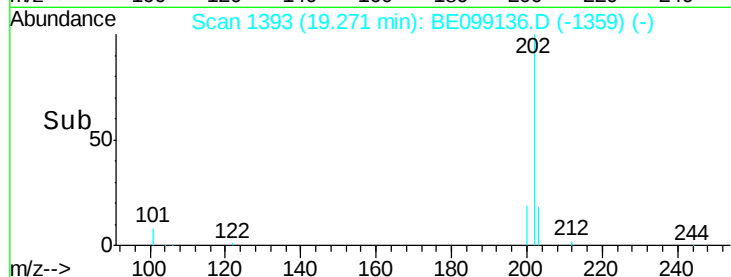
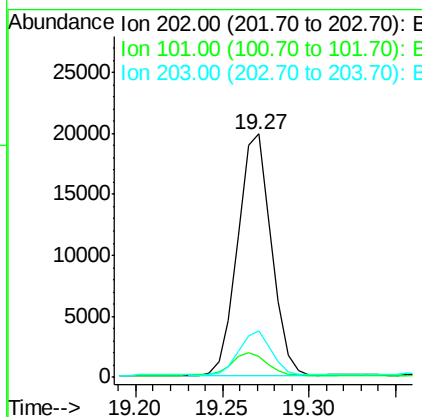
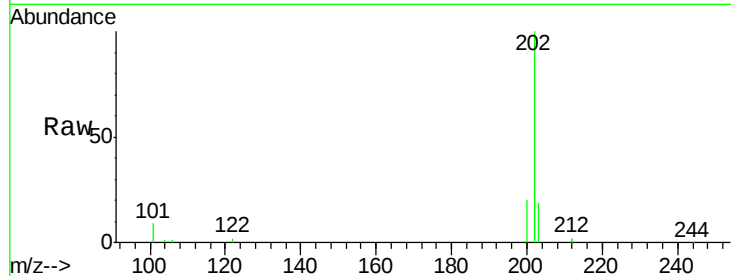
#26
Fluoranthene
Concen: 0.232 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	7.3	10.9
203	17.8	13.4	20.2

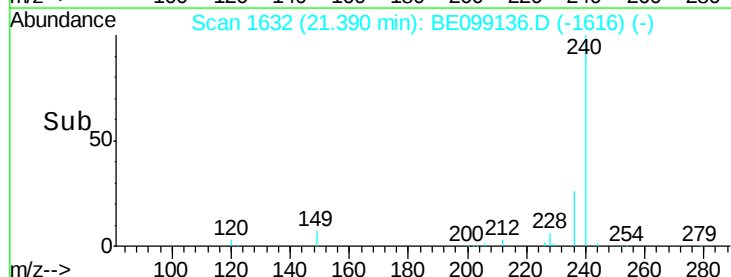
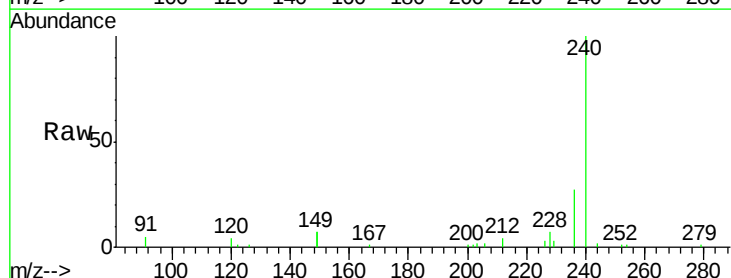
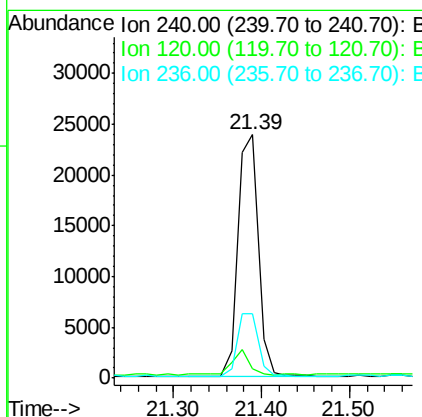
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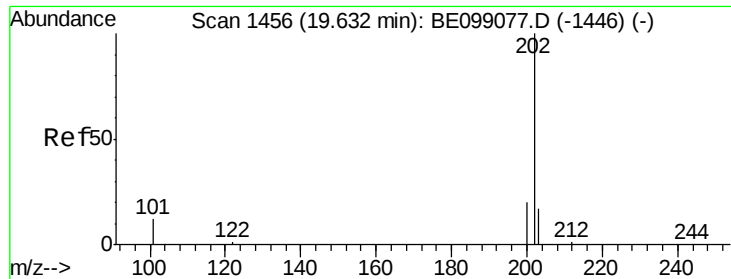
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.1	5.0	7.4#
236	26.7	22.7	34.1





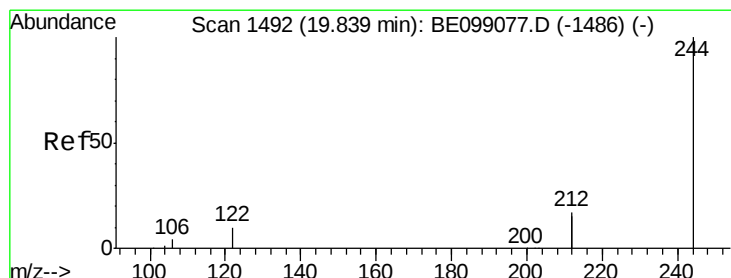
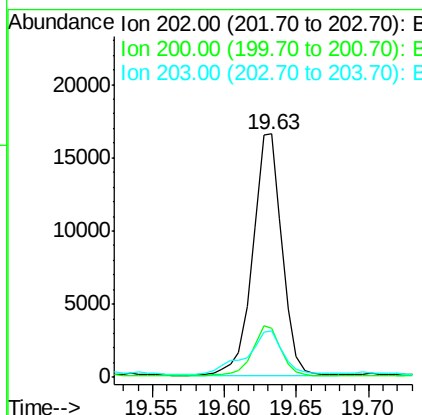
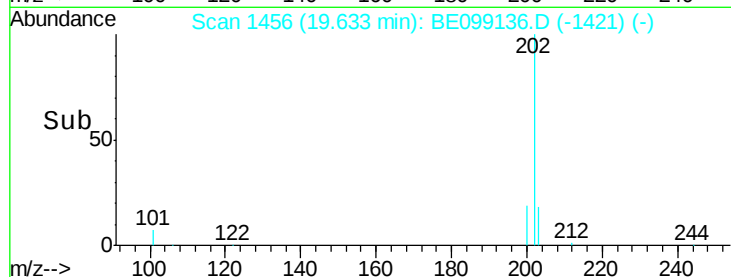
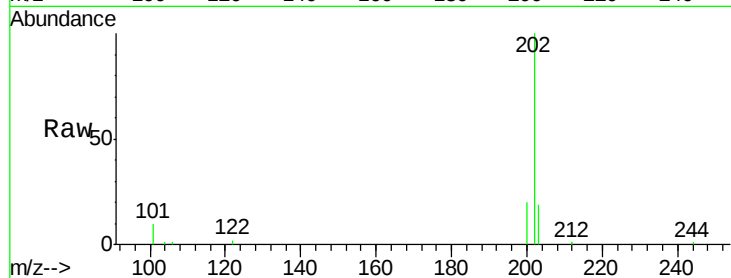
#28
Pvrene
Concen: 0.179 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.8	17.0	25.6
203	22.9	14.2	21.2

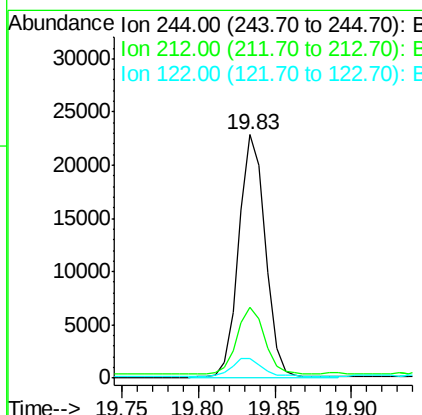
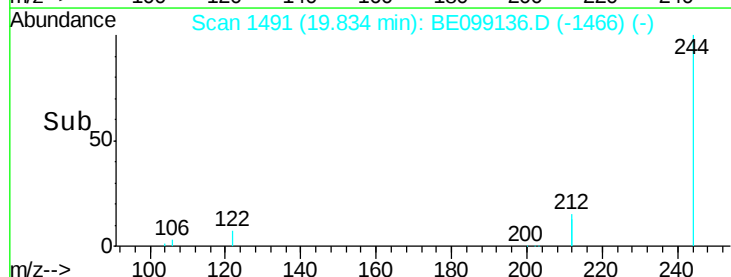
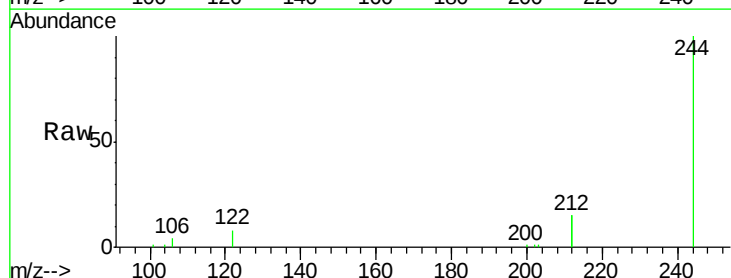
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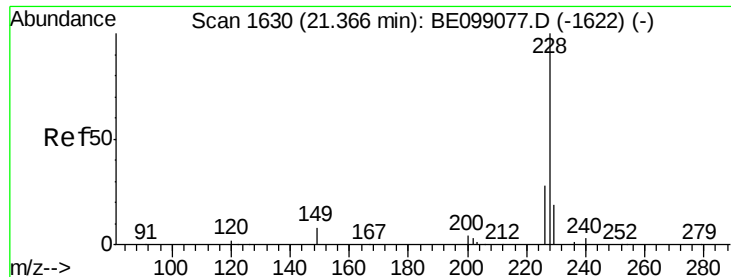
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#29
Terphenyl-d14
Concen: 0.337 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	29.3	29.4	44.2
122	8.3	7.1	10.7





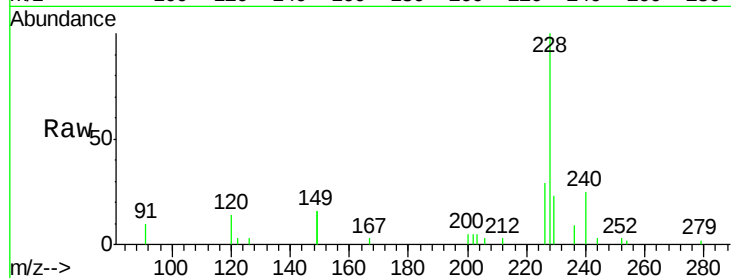
#30
Benzo(a)anthracene
Concen: 0.109 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

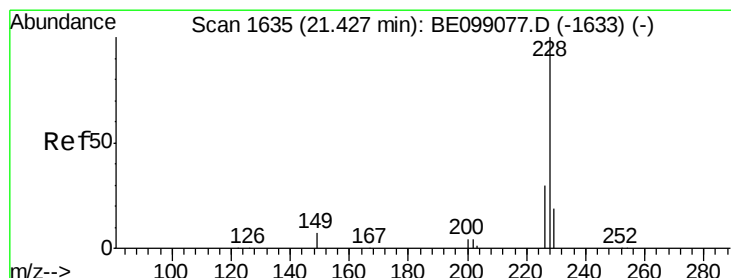
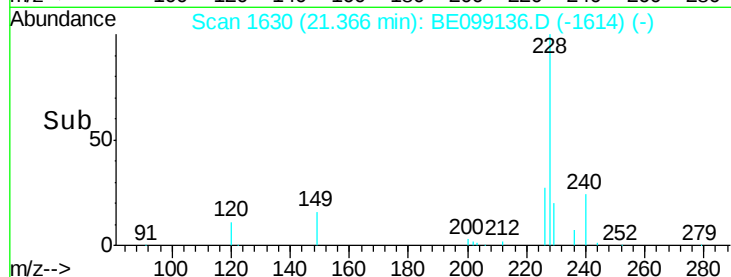
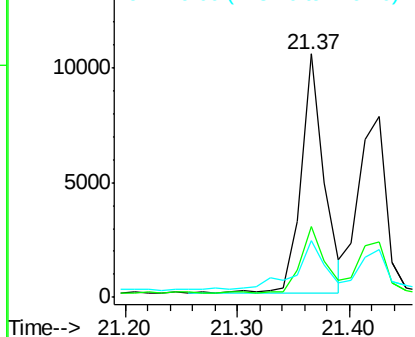
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	23.4	16.5	24.7

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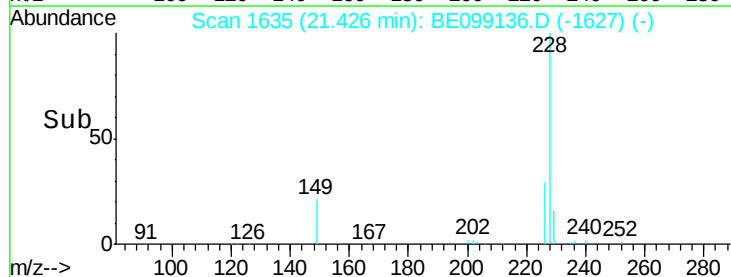
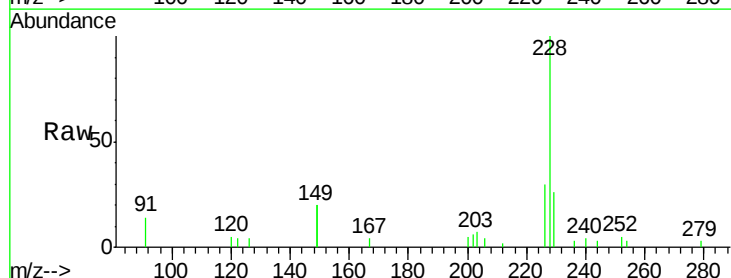
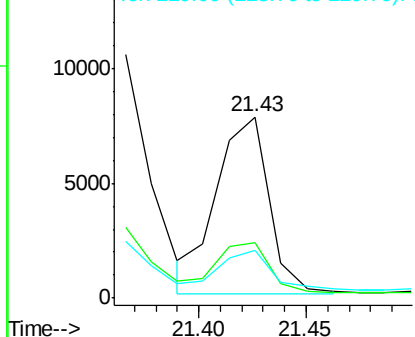
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

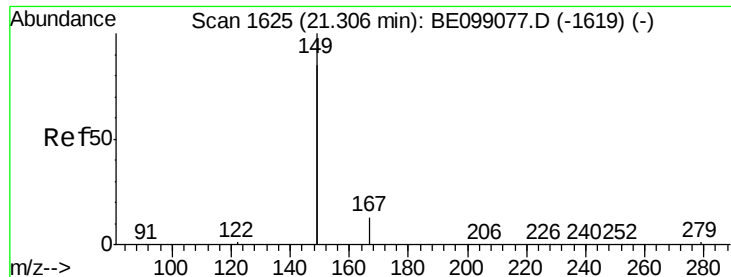


#31
Chrysene
Concen: 0.097 ng m
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	26.4	16.1	24.1#

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: 0.135 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099136.D

Acq: 24 Mar 2019 6:50

Instrument :

BNA_E

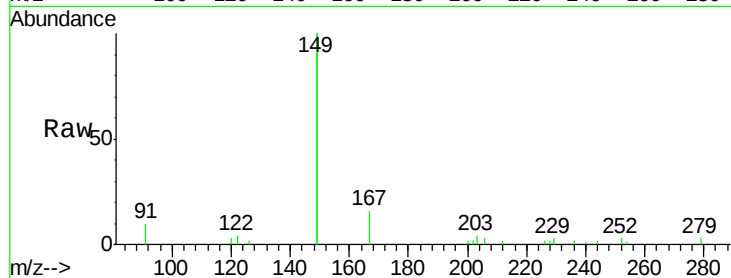
ClientSampleId :

PST-028-B098-031219

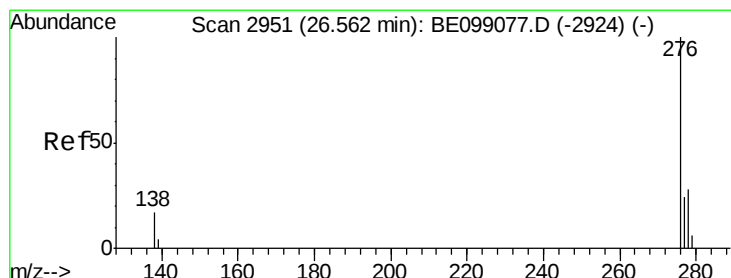
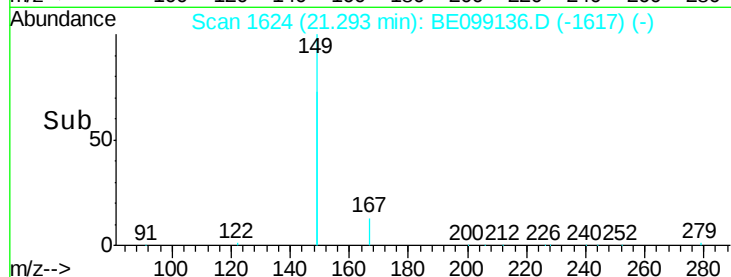
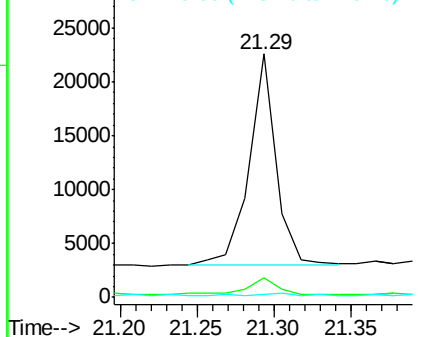
Tot Ion:	149	Resp:	23756
Ion Ratio	Lower	Upper	
149	100		
167	7.9	5.4	8.0
279	1.4	1.0	1.4#

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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: 0.043 ng

RT: 26.55 min Scan# 2947

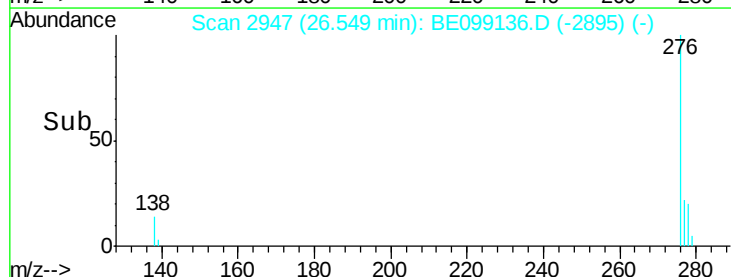
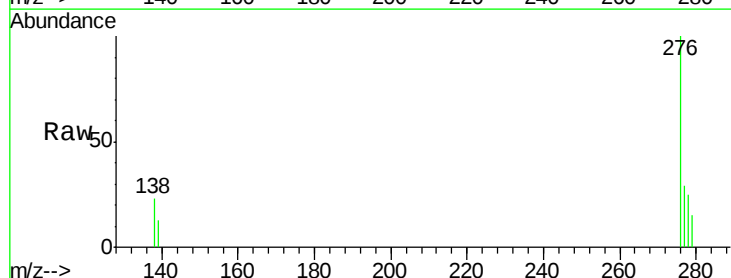
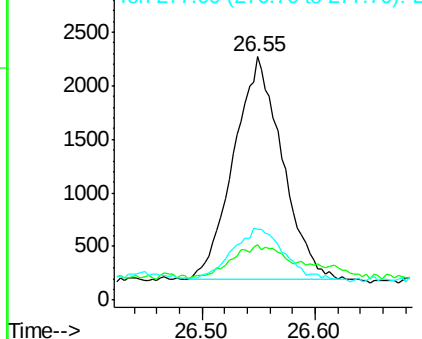
Delta R.T. -0.01 min

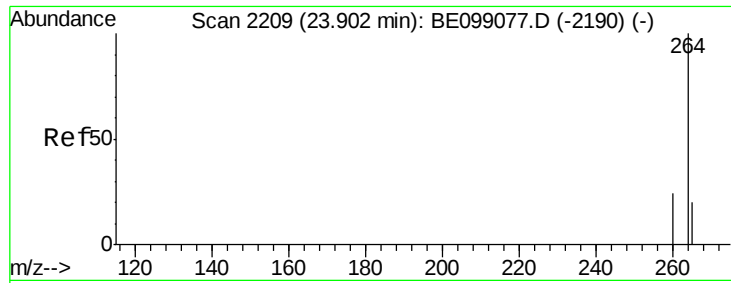
Lab File: BE099136.D

Acq: 24 Mar 2019 6:50

Tgt Ion:	276	Resp:	6206
Ion Ratio	Lower	Upper	
276	100		
138	20.3	13.8	20.8
277	27.1	19.5	29.3

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





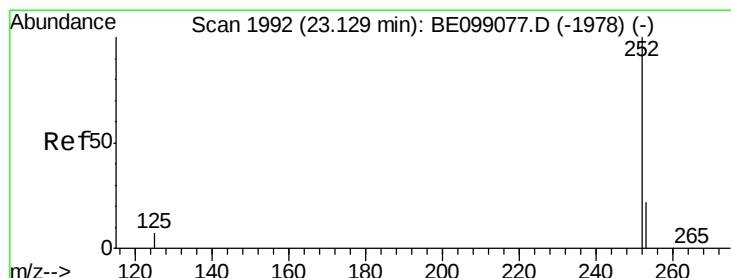
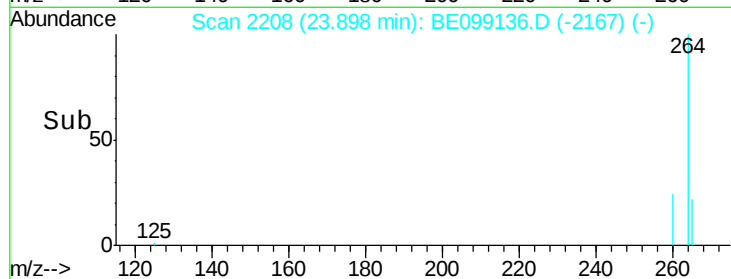
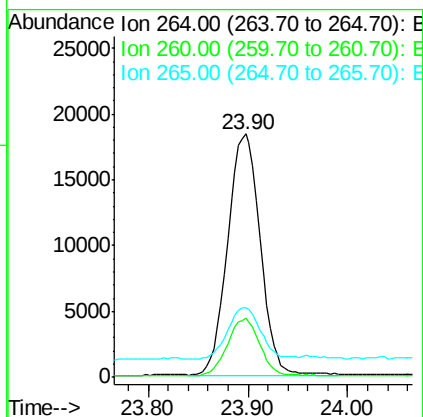
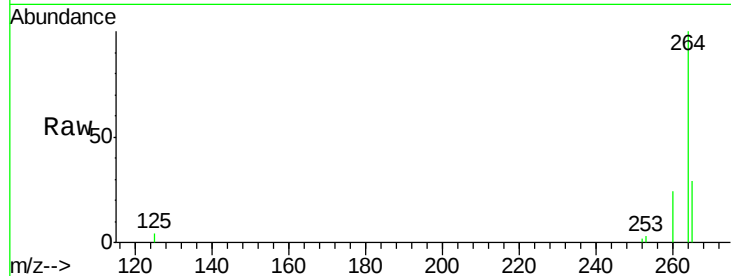
#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE099136.D
 Acq: 24 Mar 2019 6:50

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-B098-031219

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.2	31.8
265	28.8	24.6	36.8

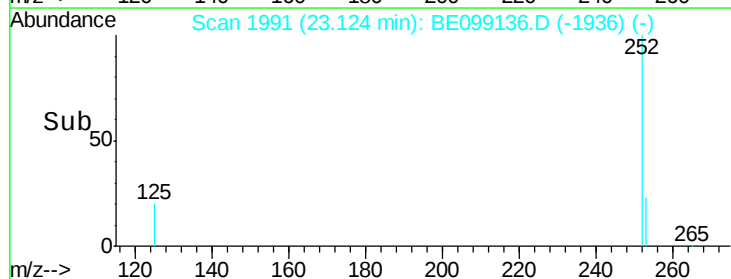
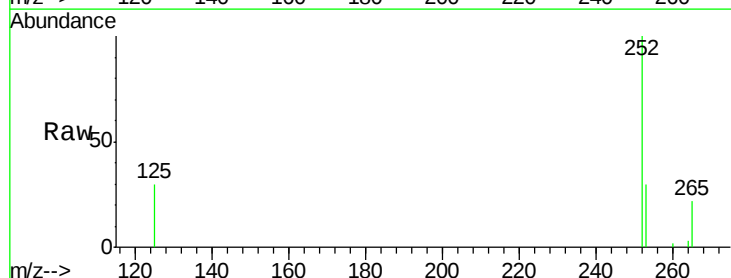
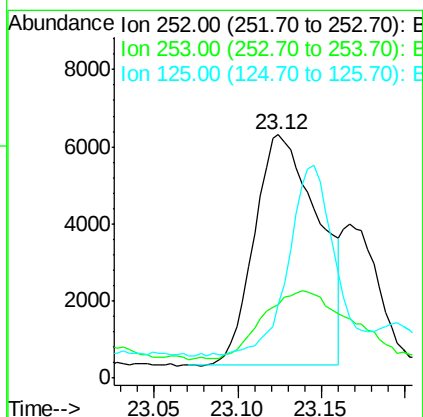
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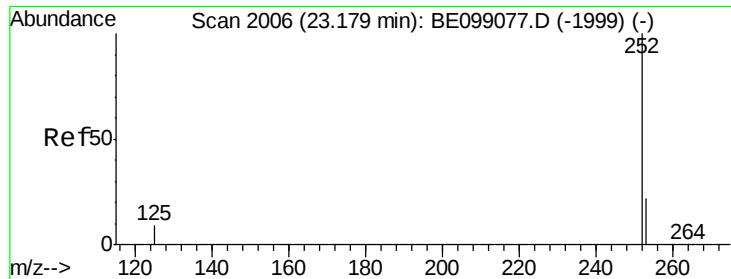
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#35
 Benzo(b)fluoranthene
 Concen: 0.111 ng
 RT: 23.12 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BE099136.D
 Acq: 24 Mar 2019 6:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	18.2	27.2#
125	30.1	7.3	10.9#





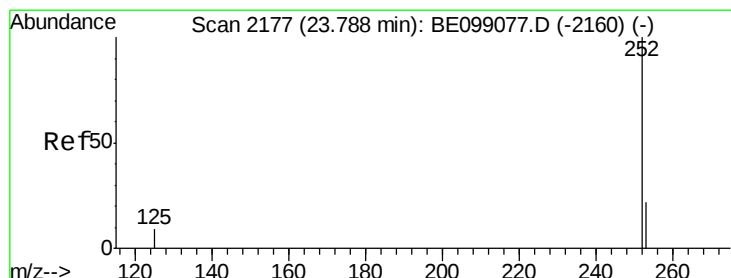
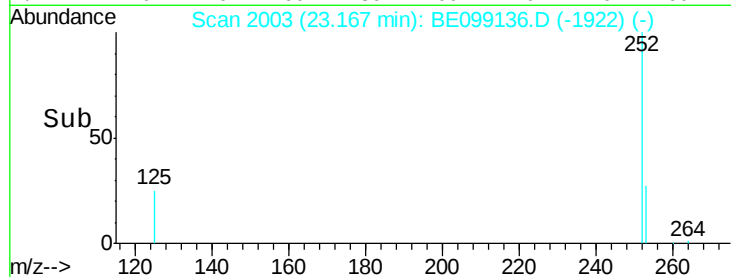
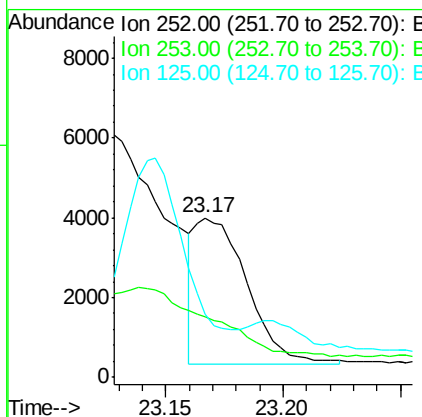
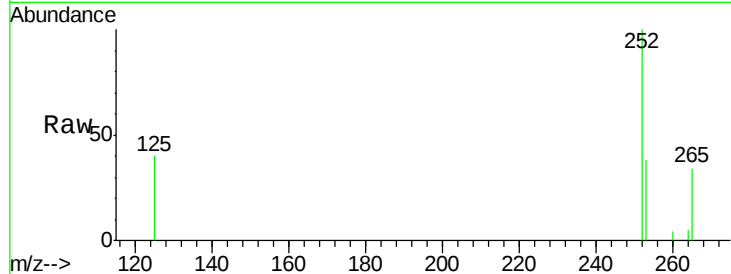
#36
Benzo(k)fluoranthene
Concen: 0.039 ng m
RT: 23.17 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Instrument :
BNA_E
ClientSampleId :
PST-028-B098-031219

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.1	19.3	28.9#
125	39.7	7.5	11.3#

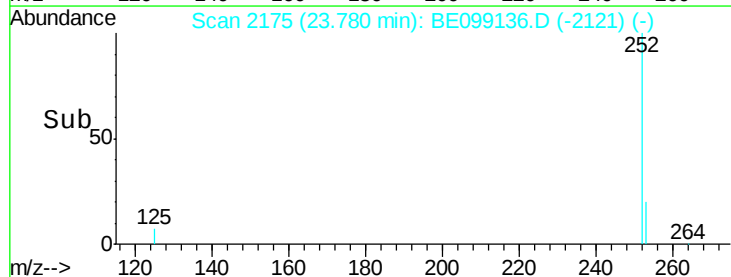
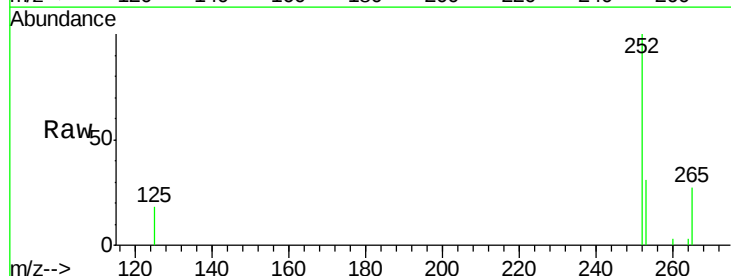
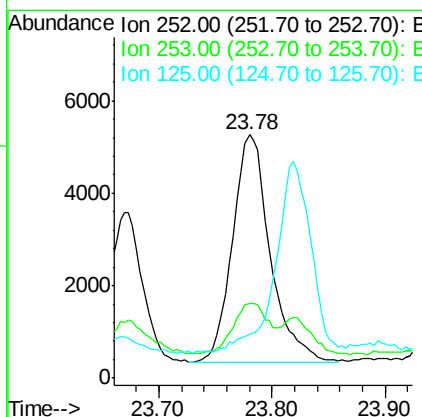
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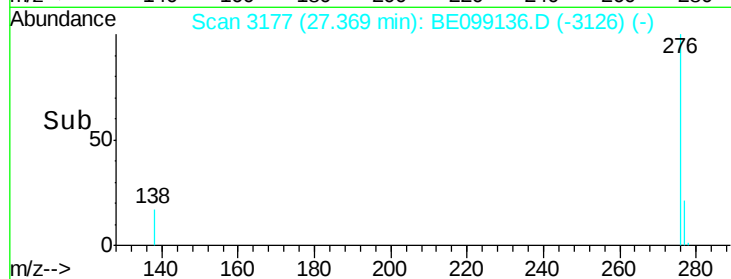
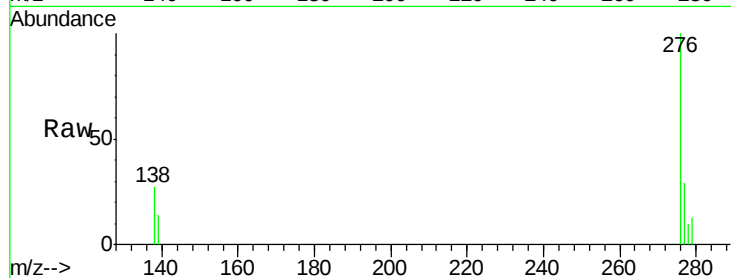
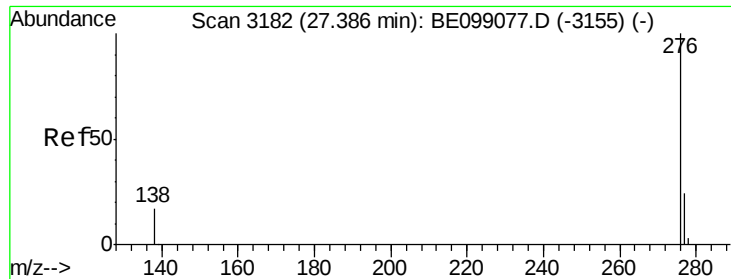
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#37
Benzo(a)pyrene
Concen: 0.086 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099136.D
Acq: 24 Mar 2019 6:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.7	19.9	29.9#
125	18.1	9.0	13.4#





#39

Benzo(a,h,i)perylene

Concen: 0.044 ng

RT: 27.37 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BE099136.D

Acq: 24 Mar 2019 6:50

Instrument :

BNA_E

ClientSampleId :

PST-028-B098-031219

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.1	20.4	30.6
138	26.7	13.6	20.4

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