

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100203.D
 Acq On : 27 Jun 2019 14:16
 Operator : JU/SJ
 Sample : K3428-20MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B045-061319MSD

Manual Integrations
 APPROVED

mohammad
 7/1/2019 8:11:32 AM

Quant Time: Jun 28 14:35:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 25 15:40:27 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	731	0.40	ng	-0.01
7) Naphthalene-d8	10.46	136	2327	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	1725	0.40	ng	-0.01
19) Phenanthrene-d10	17.07	188	5504	0.40	ng	-0.03
27) Chrysene-d12	21.25	240	7894	0.40	ng	-0.04
34) Perylene-d12	23.67	264	9234	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	710	0.44	ng	0.00
5) Phenol-d6	6.84	99	1007	0.45	ng	-0.04
8) Nitrobenzene-d5	8.82	82	1096	0.47	ng	-0.03
11) 2-Methylnaphthalene-d10	12.07	152	1877	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	392	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.96	172	2968	0.43	ng	-0.01
25) Fluoranthene-d10	19.10	212	29292	0.37	ng	-0.03
29) Terphenyl-d14	19.70	244	6769	0.44	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	282	0.247	ng	# 53
3) n-Nitrosodimethylamine	3.45	42	206m	0.487	ng	
6) bis(2-Chloroethyl)ether	7.09	93	625	0.305	ng	# 91
9) Naphthalene	10.50	128	8856	0.349	ng	98
10) Hexachlorobutadiene	10.77	225	714	0.272	ng	99
12) 2-Methylnaphthalene	12.14	142	1425	0.348	ng	98
16) Acenaphthylene	14.05	152	3085	0.367	ng	98
17) Acenaphthene	14.39	154	1553	0.329	ng	98
18) Fluorene	15.37	166	2356	0.346	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	1032	0.302	ng	98
21) Hexachlorobenzene	16.37	284	980	0.262	ng	99
22) Pentachlorophenol	16.73	266	261	0.478	ng	86
23) Phenanthrene	17.11	178	6979	0.535	ng	100
24) Anthracene	17.20	178	3888	0.353	ng	96
26) Fluoranthene	19.13	202	12102	0.571	ng	100
28) Pyrene	19.49	202	13037	0.645	ng	98
30) Benzo(a)anthracene	21.23	228	11741	0.504	ng	98
31) Chrysene	21.28	228	12300	0.451	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	18928	0.708	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	10214	0.263	ng	# 96
35) Benzo(b)fluoranthene	22.93	252	12048m	0.485	ng	
36) Benzo(k)fluoranthene	22.98	252	9841	0.331	ng	96
37) Benzo(a)pyrene	23.56	252	9963	0.387	ng	97
38) Dibenzo(a,h)anthracene	26.26	278	6814	0.248	ng	99
39) Benzo(g,h,i)perylene	27.02	276	9069	0.316	ng	100

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

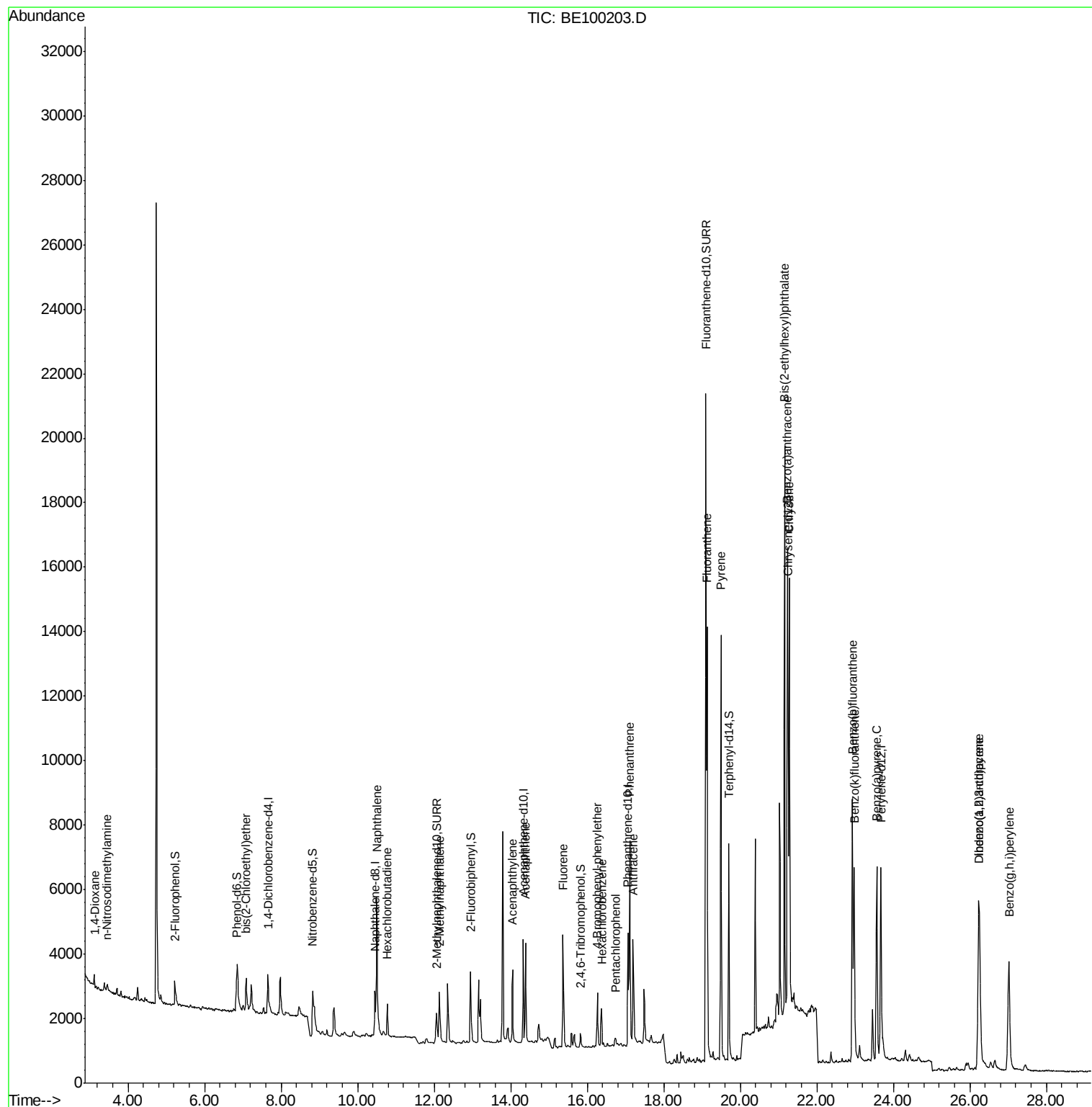
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100203.D
Acq On : 27 Jun 2019 14:16
Operator : JU/SJ
Sample : K3428-20MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

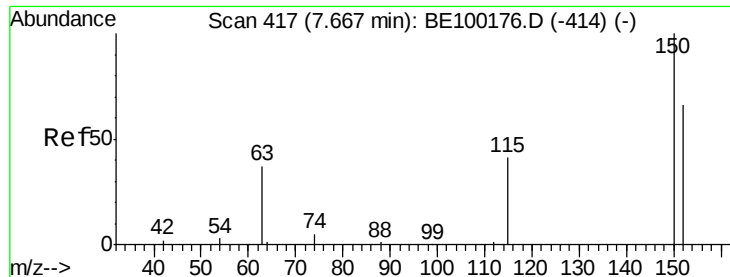
Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

Manual Integrations
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#1

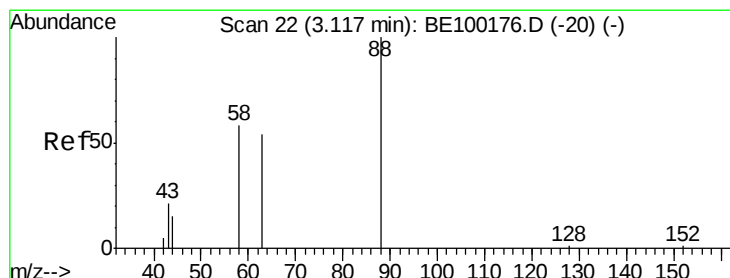
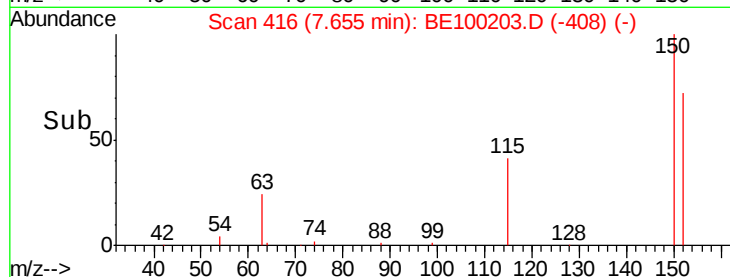
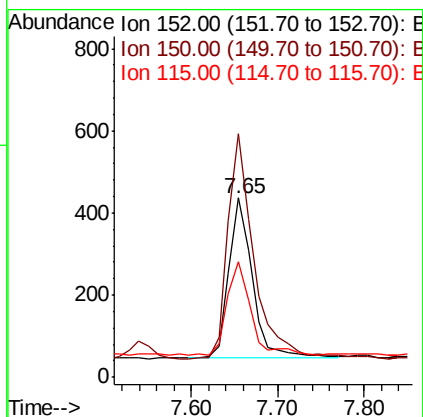
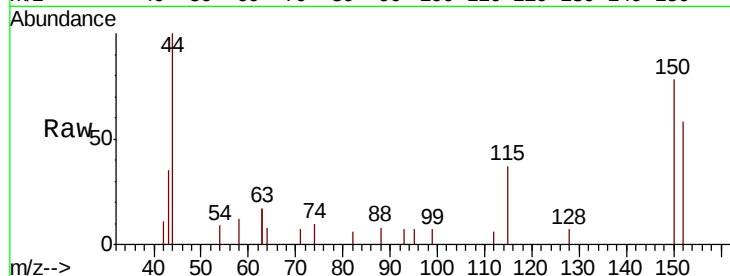
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.0	113.4	170.2
115	64.2	55.8	83.6

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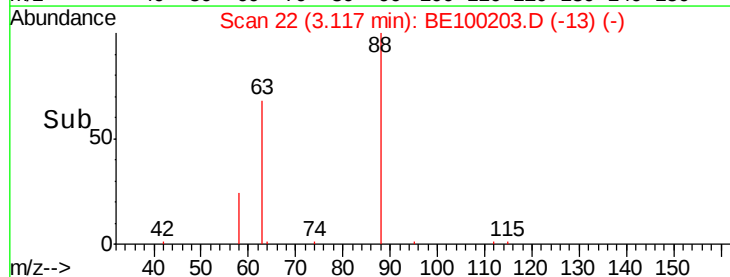
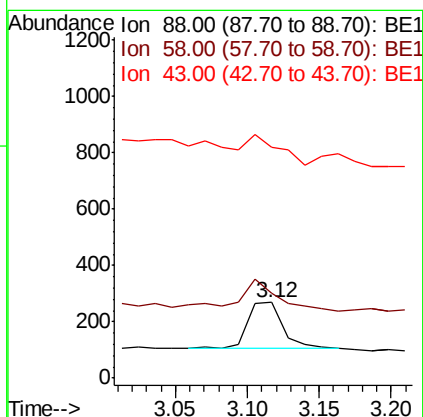
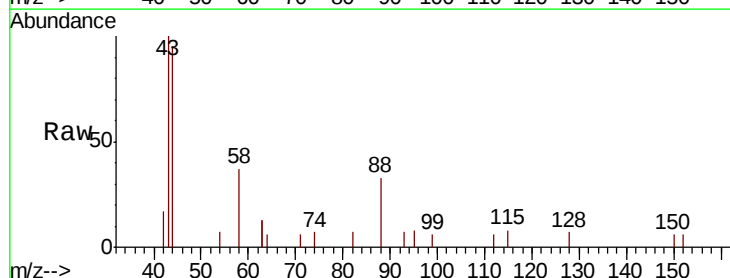
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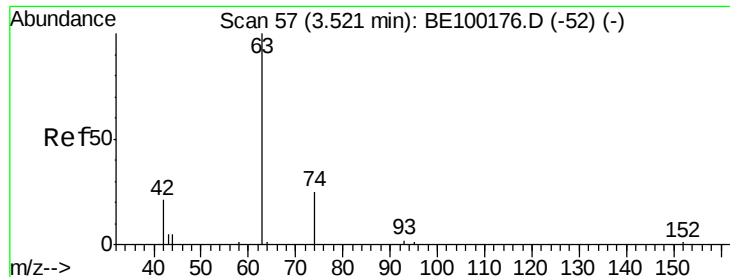


#2

1,4-Dioxane
Concen: 0.247 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	43.8	65.6#
43	55.0	19.4	29.2#





#3

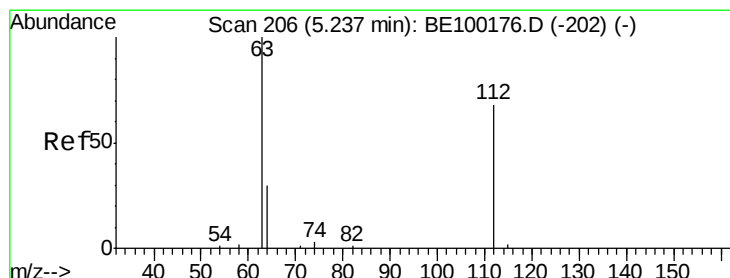
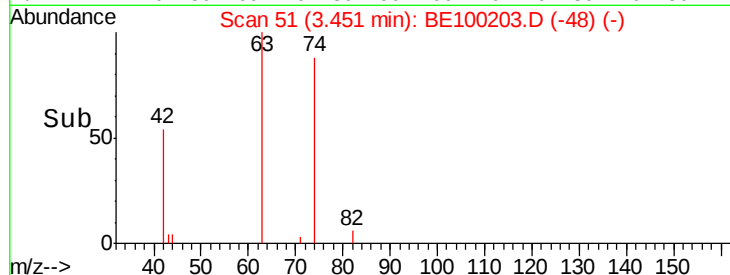
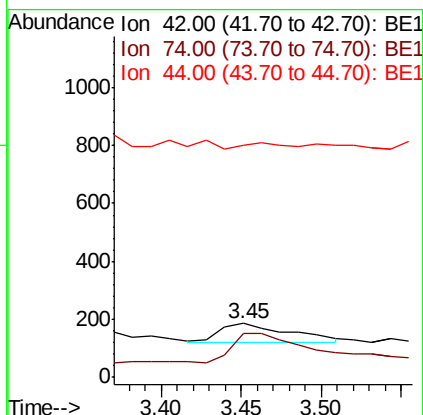
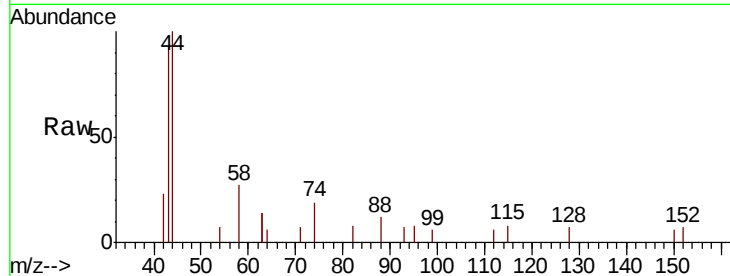
n-Nitrosodimethylamine
 Concen: 0.487 ng/ml
 RT: 3.45 min Scan# 51
 Delta R.T. -0.07 min
 Lab File: BE100203.D
 Acq: 27 Jun 2019 14:16

Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	193.2	289.8#
44	0.0	114.5	171.7#

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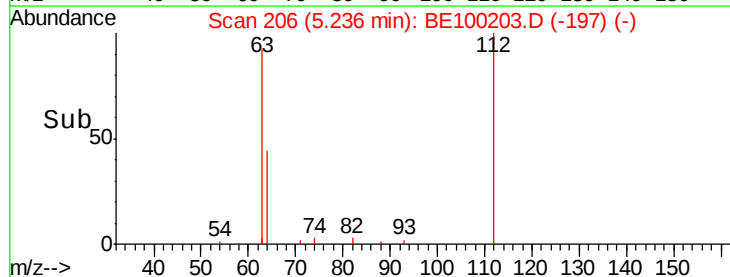
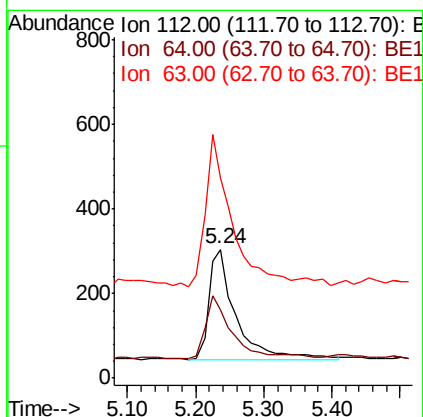
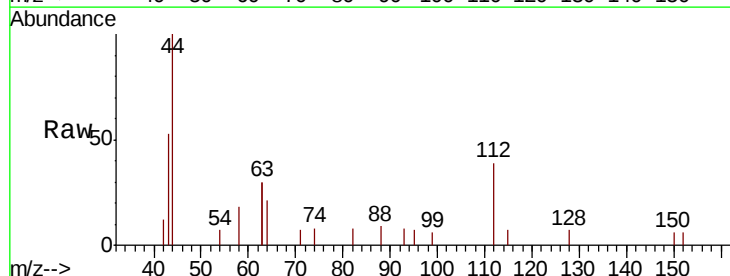
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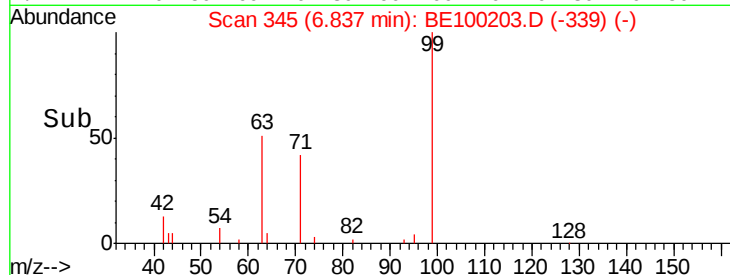
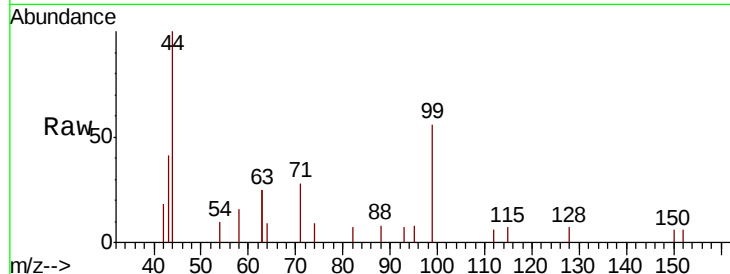
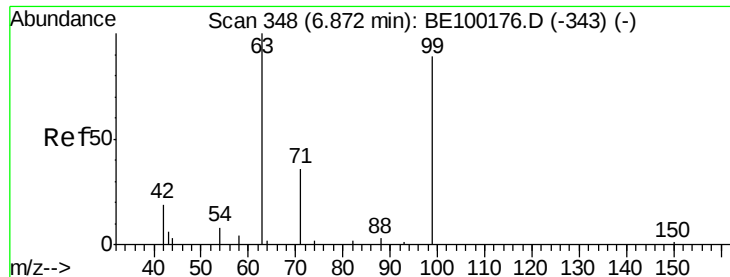


#4

2-Fluorophenol
 Concen: 0.437 ng/ml
 RT: 5.24 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: BE100203.D
 Acq: 27 Jun 2019 14:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	40.7	61.1
63	130.8	93.2	139.8





#5

Phenol-d6

Concen: 0.450 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.04 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Tot Ion:	99	Resp:	1007
Ion	Ratio	Lower	Upper
99	100		
42	18.1	10.4	15.6#
71	42.2	32.4	48.6

Instrument :

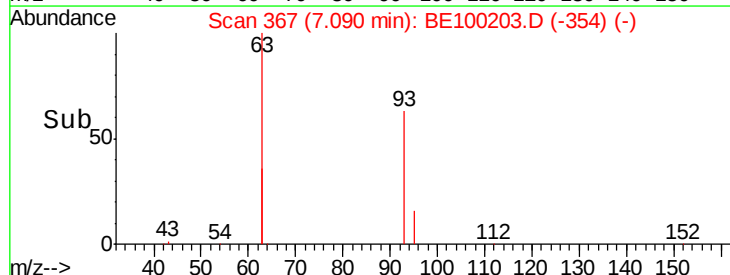
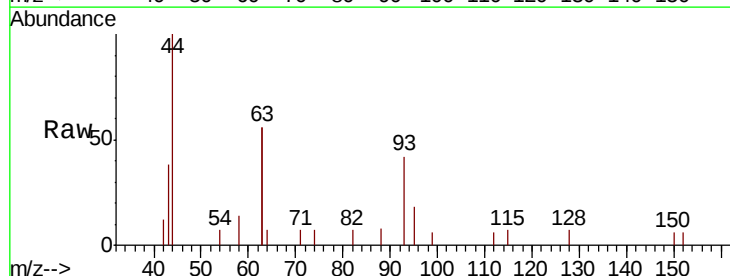
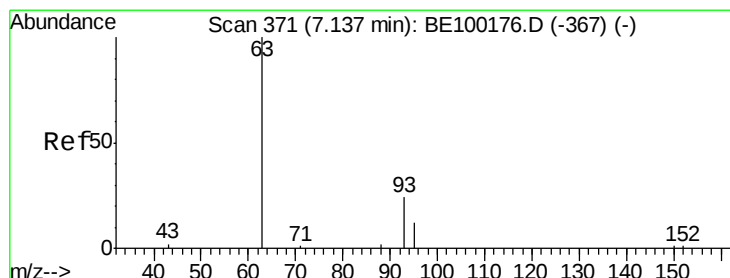
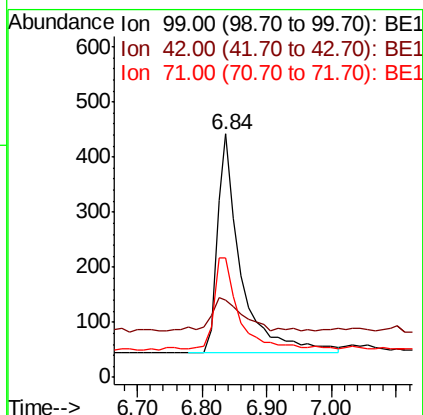
BNA_E

ClientSampleId :

PST-084-B045-061319MSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.305 ng

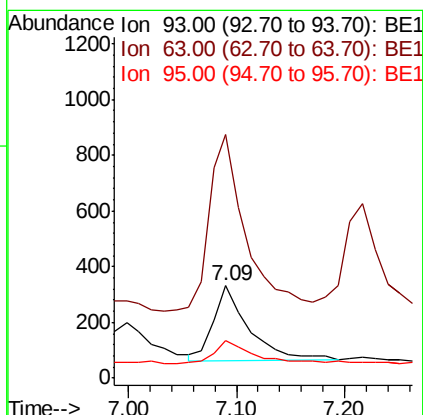
RT: 7.09 min Scan# 367

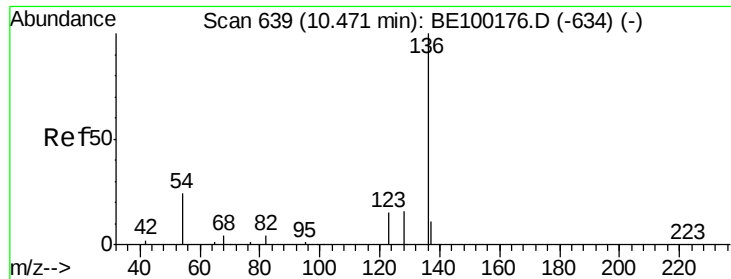
Delta R.T. -0.05 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Tgt Ion:	93	Resp:	625
Ion	Ratio	Lower	Upper
93	100		
63	239.5	0.0	0.0#
95	30.7	21.0	31.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

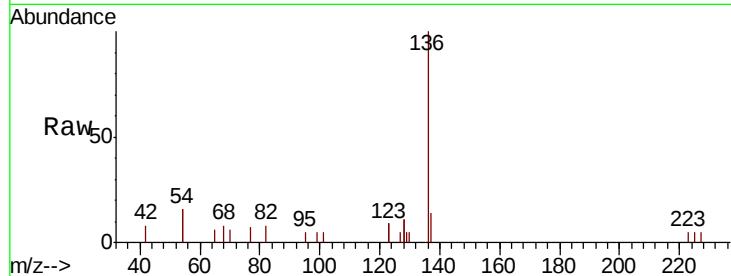
ClientSampleId :

PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.5	13.8	20.8
54	32.8	35.4	53.2#
68	8.0	8.8	13.2#

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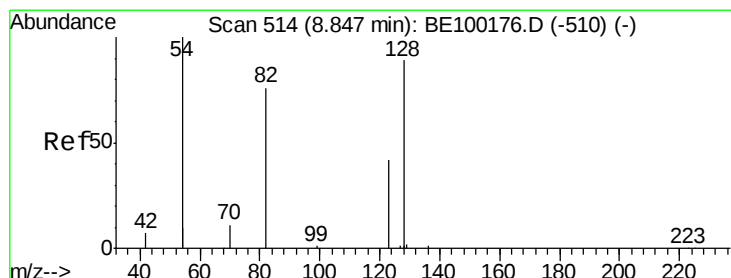
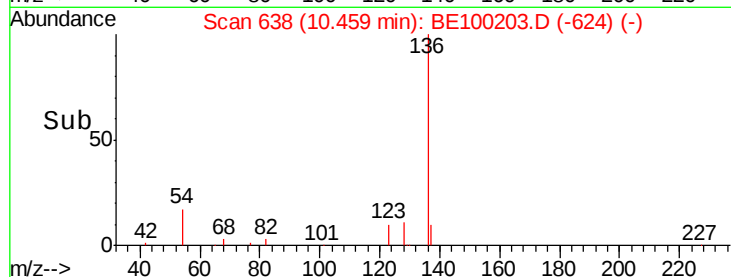
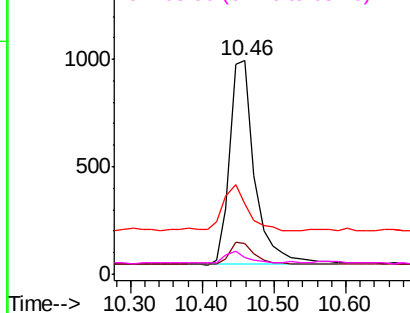
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.473 ng

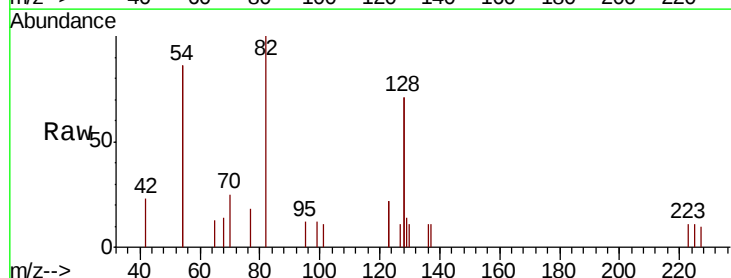
RT: 8.82 min Scan# 512

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	142.9	144.6	217.0#
54	172.4	163.0	244.6

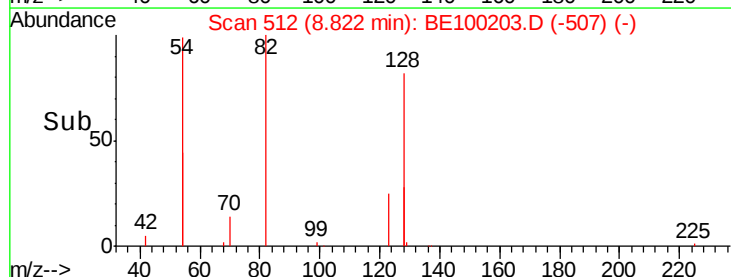
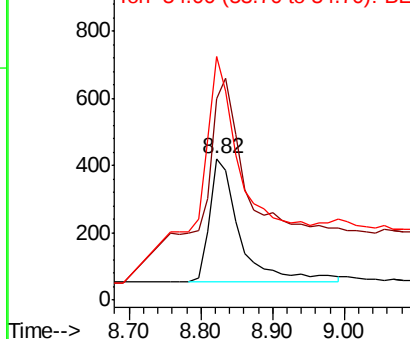


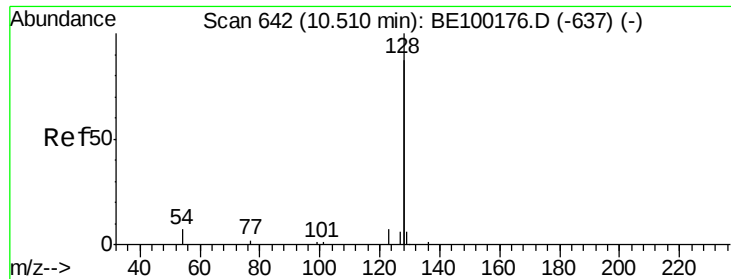
Abundance

Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.349 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.01 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

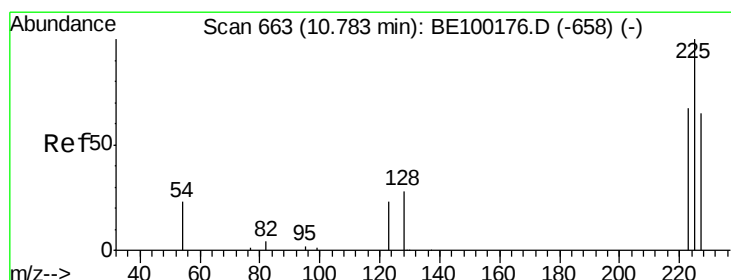
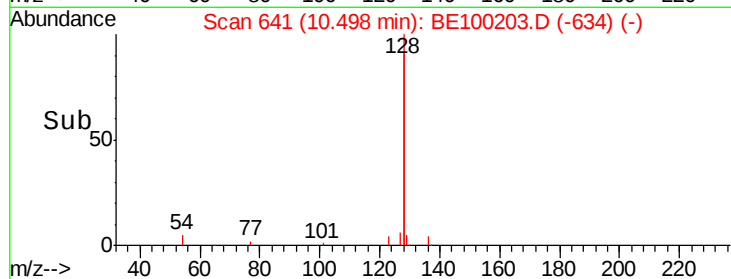
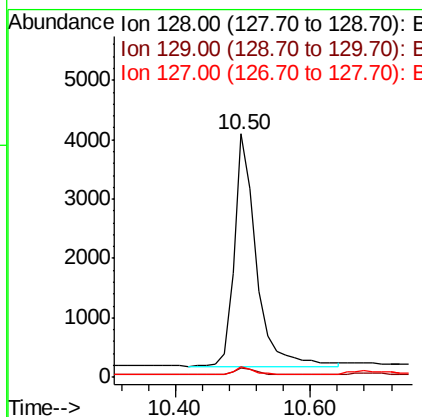
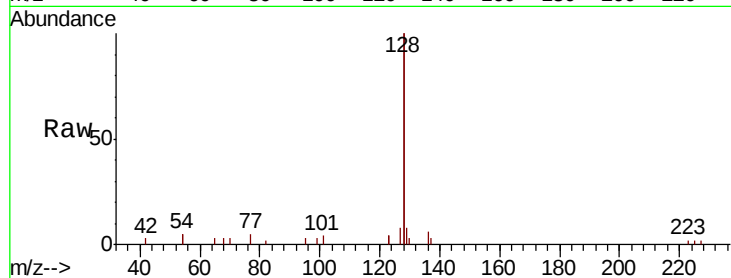
ClientSampleId :

PST-084-B045-061319MSD

Tot Ion:	128	Resp:	8856
Ion Ratio	Lower	Upper	
128	100		
129	3.9	3.6	5.4
127	4.2	3.8	5.8

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#10

Hexachlorobutadiene

Concen: 0.272 ng

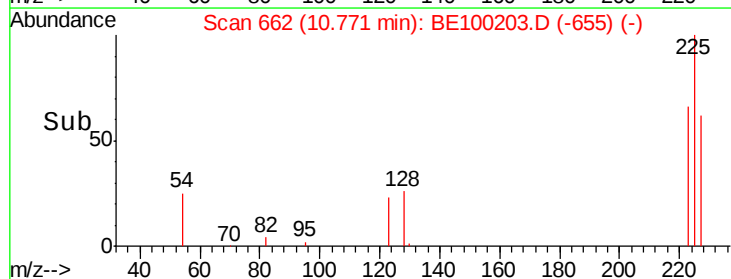
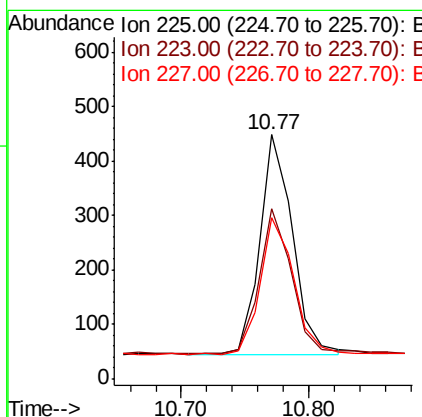
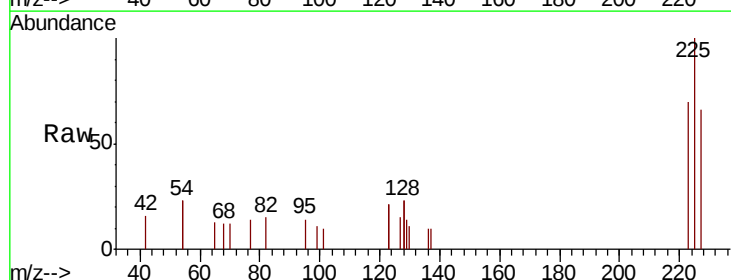
RT: 10.77 min Scan# 662

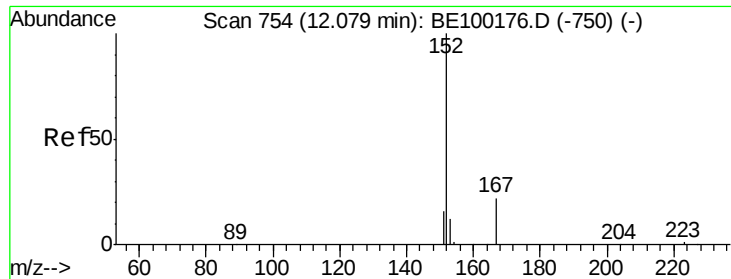
Delta R.T. -0.01 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Tgt Ion:	225	Resp:	714
Ion Ratio	Lower	Upper	
225	100		
223	64.4	50.1	75.1
227	64.0	50.9	76.3





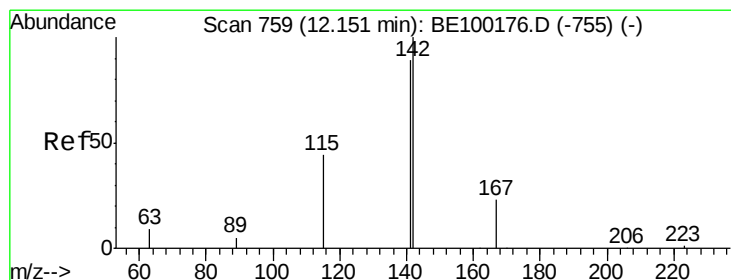
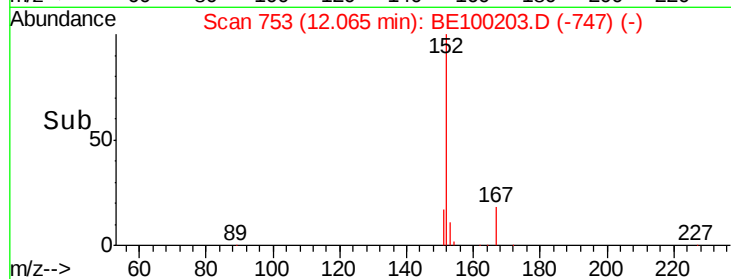
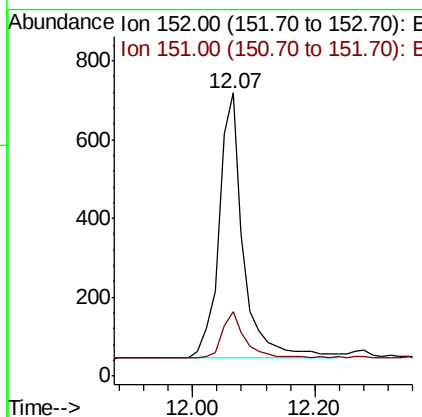
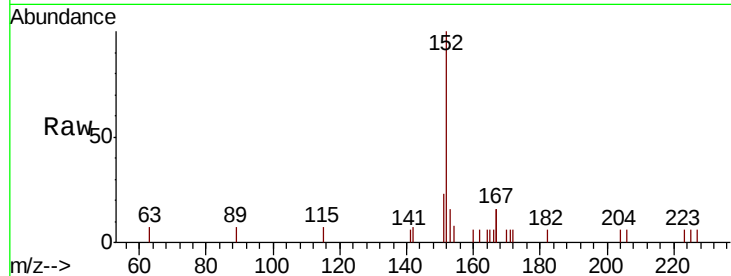
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.07 min Scan# 753
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	16.8	16.3	24.5

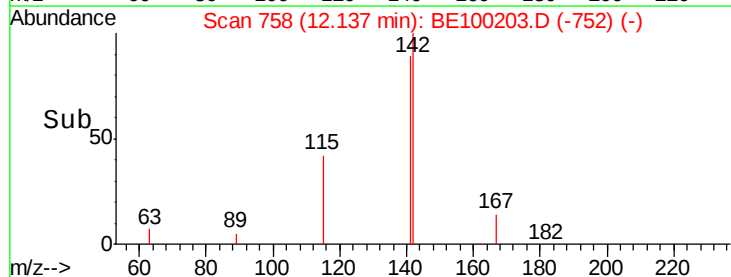
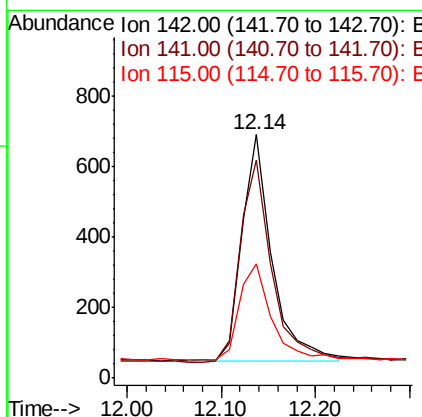
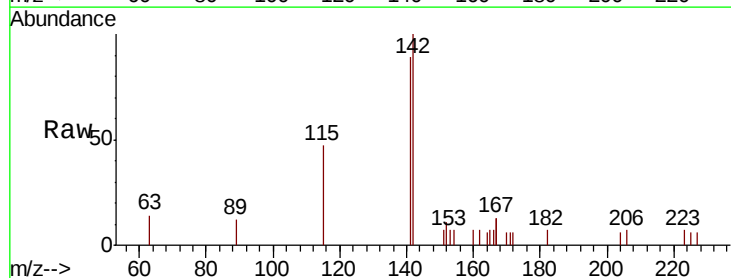
Manual Integrations
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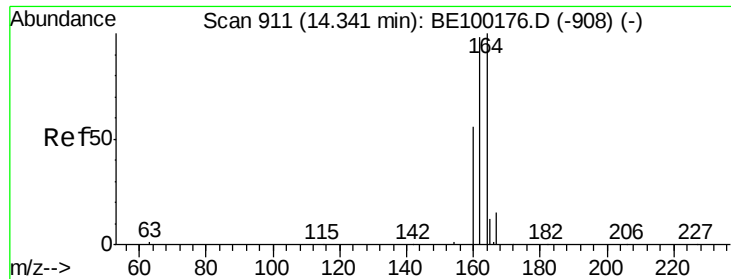
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#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.8	107.8
115	46.8	40.4	60.6





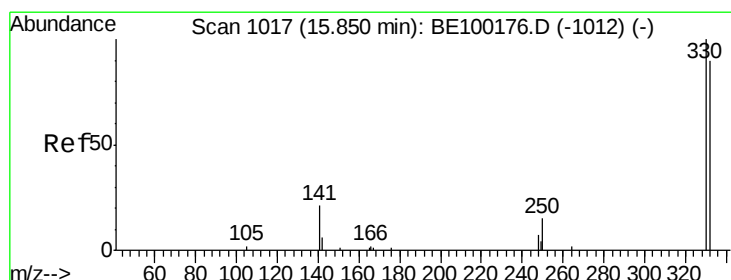
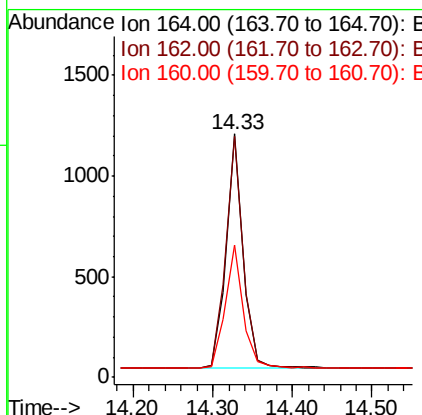
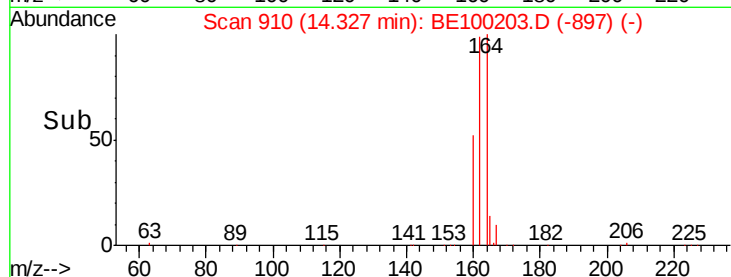
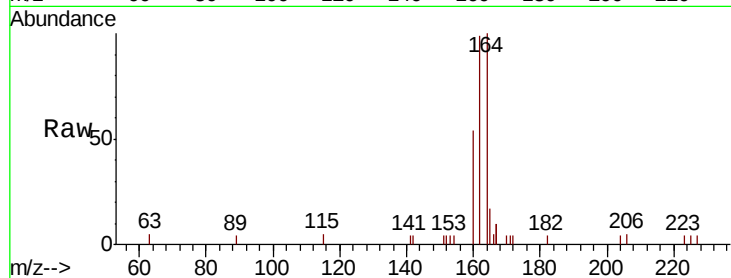
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.6	118.0
160	54.1	46.9	70.3

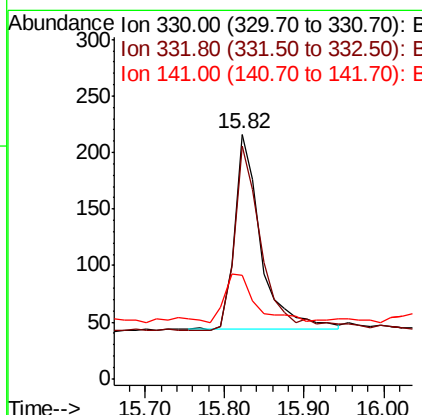
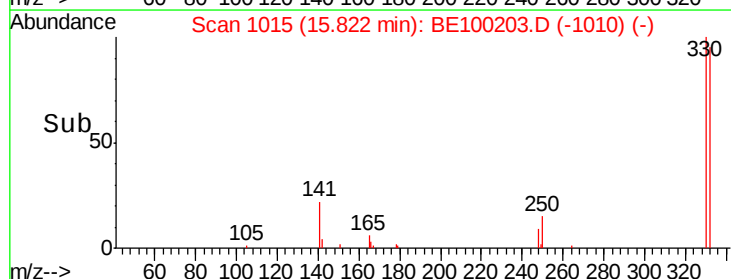
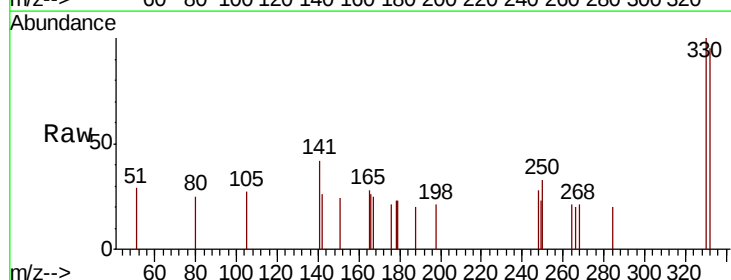
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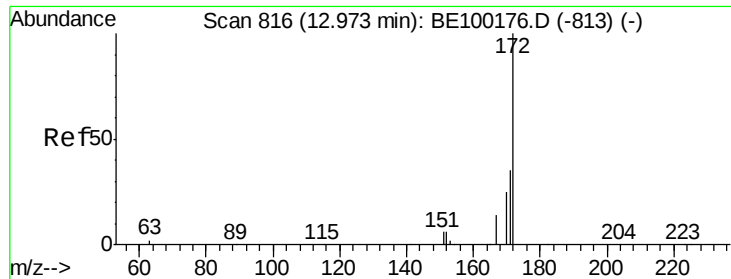
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.0	77.7	116.5
141	29.6	18.9	28.3#





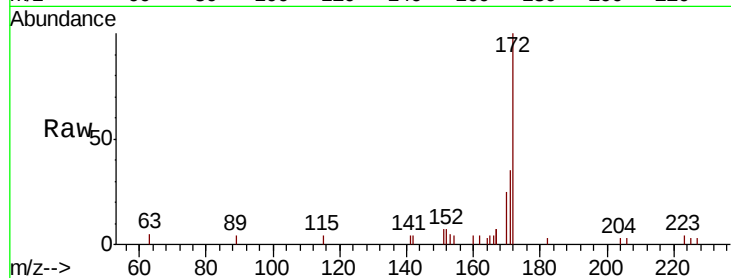
#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 12.96 min Scan# 815
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	31.0	46.4
170	24.7	23.9	35.9

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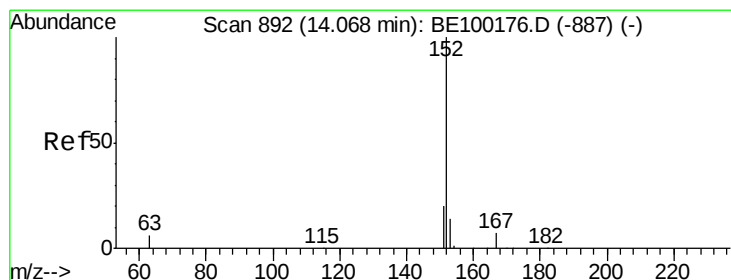
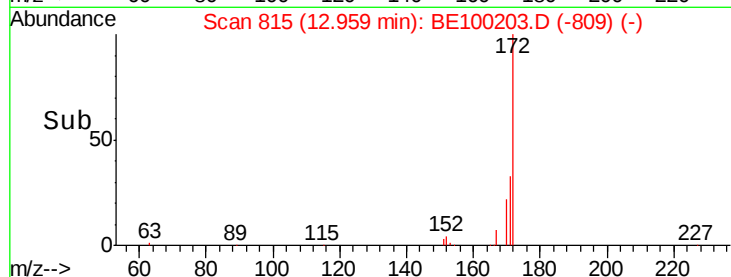
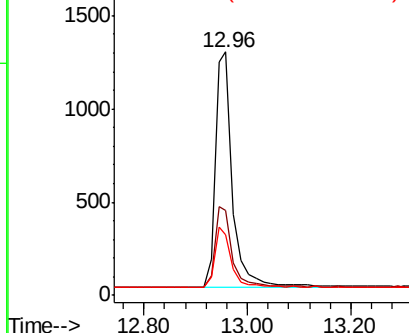


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.05 min Scan# 891
Delta R.T. -0.01 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

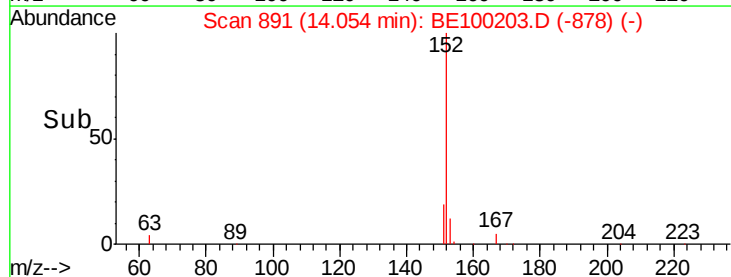
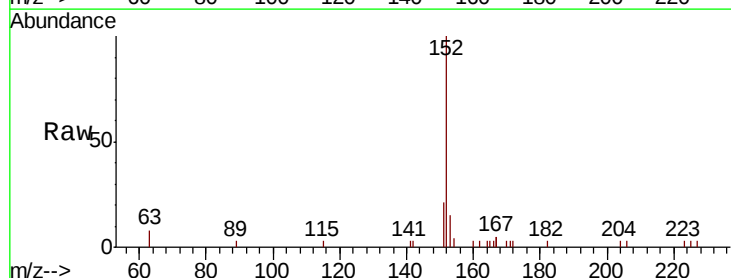
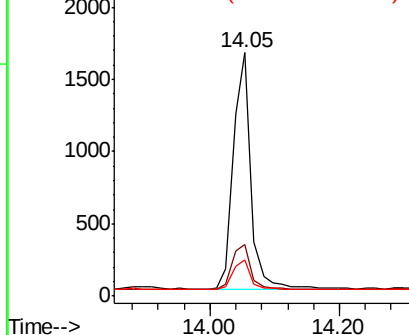
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.0
153	12.5	10.8	16.2

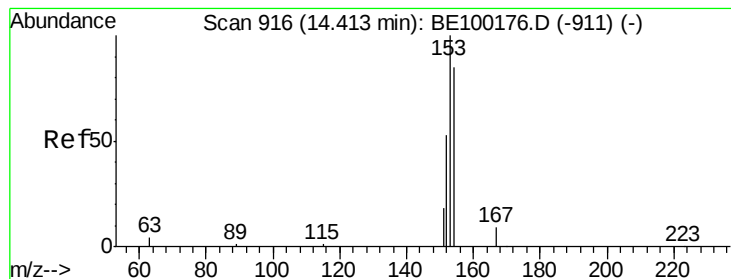
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.329 ng

RT: 14.39 min Scan# 914

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

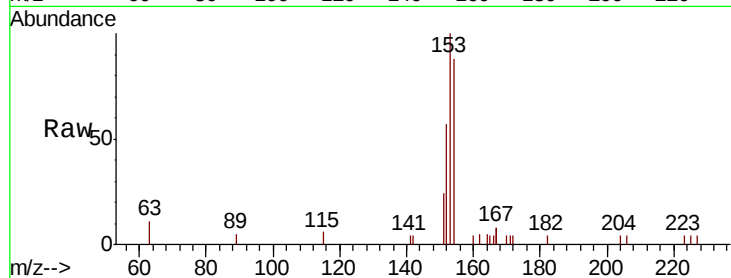
ClientSampleId :

PST-084-B045-061319MSD

Tot Ion:	154	Resp:	1553
Ion	Ratio	Lower	Upper
154	100		
153	116.5	95.3	142.9
152	65.1	52.9	79.3

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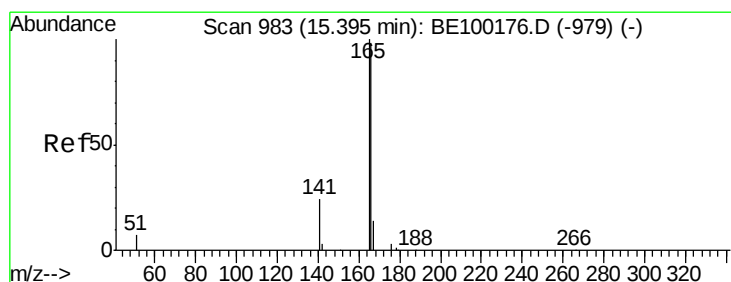
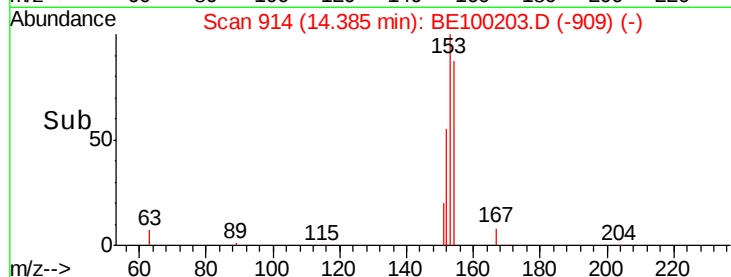
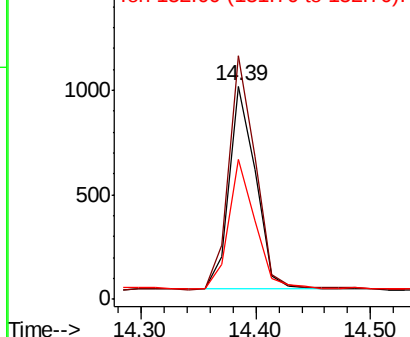


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.346 ng

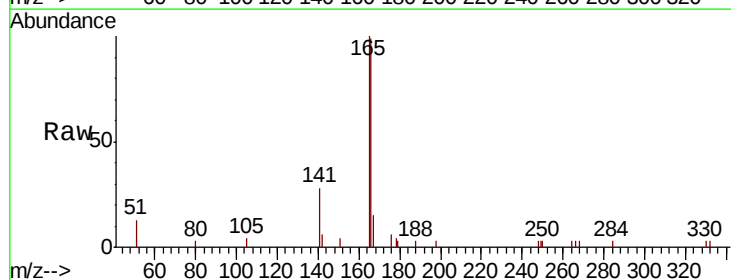
RT: 15.37 min Scan# 981

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Tgt Ion:	166	Resp:	2356
Ion	Ratio	Lower	Upper
166	100		
165	102.3	81.0	121.4
167	13.4	11.4	17.0

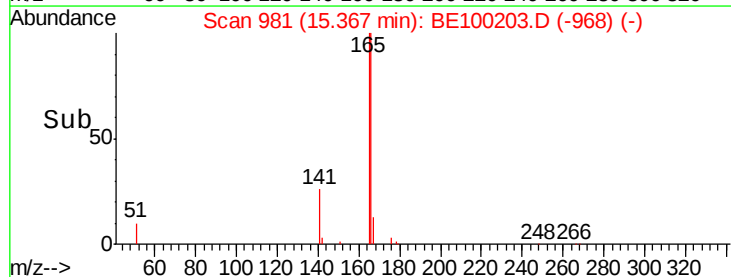
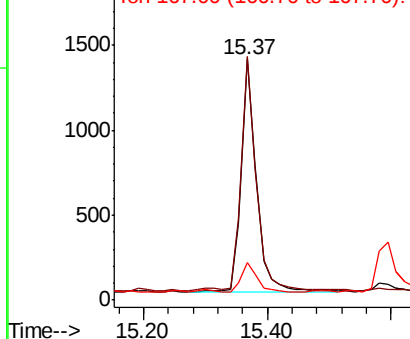


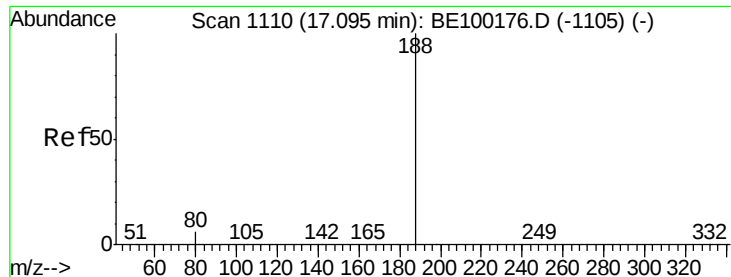
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





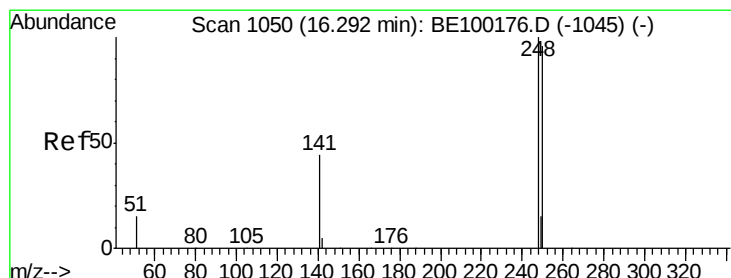
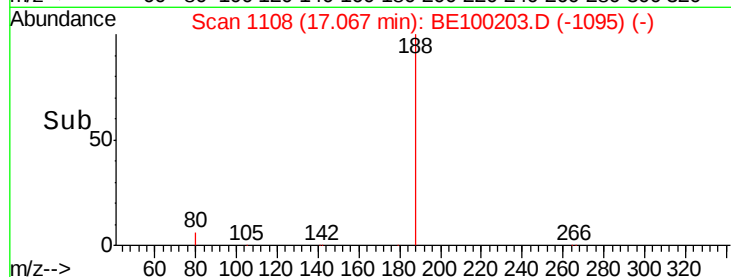
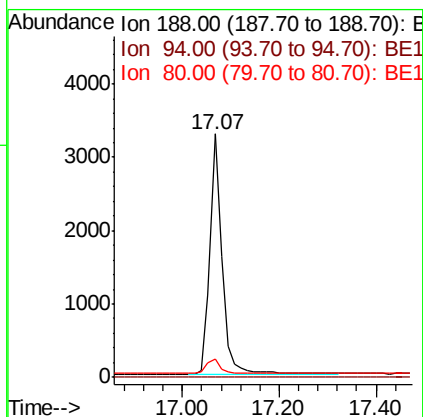
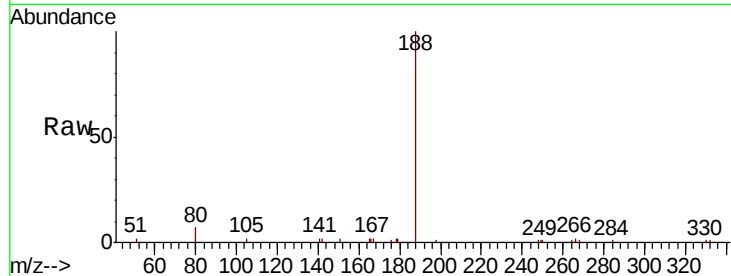
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

Tot Ion:	188	Resp:	5504
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.5	6.4	9.6

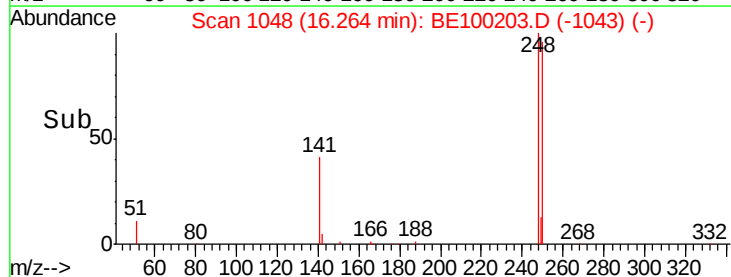
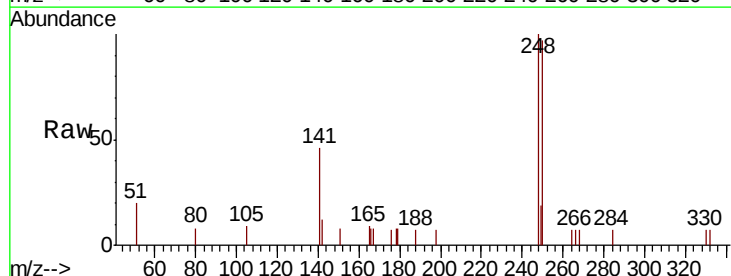
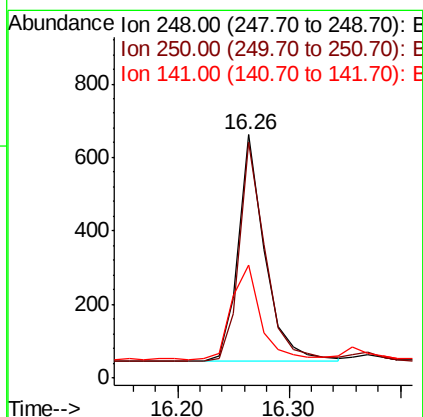
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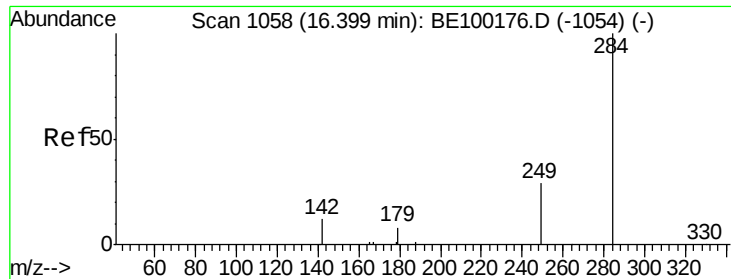
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#20
4-Bromophenyl-phenylether
Concen: 0.302 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion:	248	Resp:	1032
Ion Ratio	Lower	Upper	
248	100		
250	96.7	77.1	115.7
141	46.2	39.5	59.3





#21

Hexachlorobenzene

Concen: 0.262 ng

RT: 16.37 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

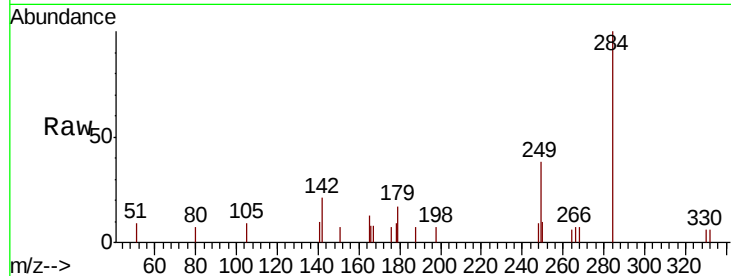
ClientSampleId :

PST-084-B045-061319MSD

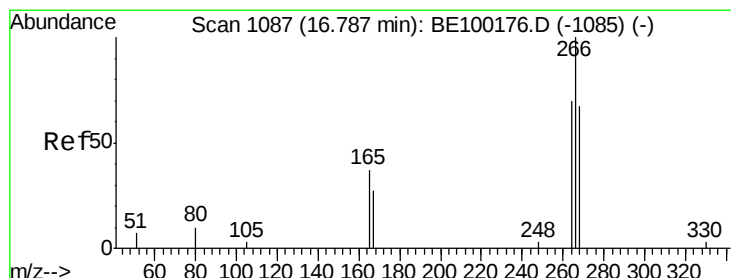
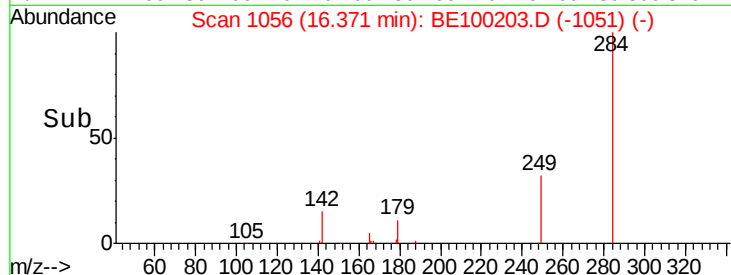
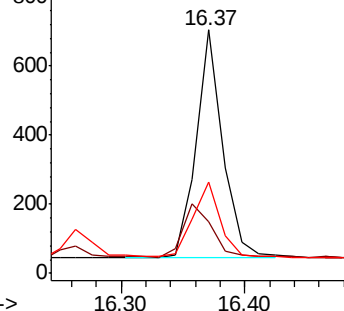
Tot Ion:	284	Resp:	980
Ion Ratio	Lower	Upper	
284	100		
142	24.2	20.1	30.1
249	33.2	26.2	39.4

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.478 ng

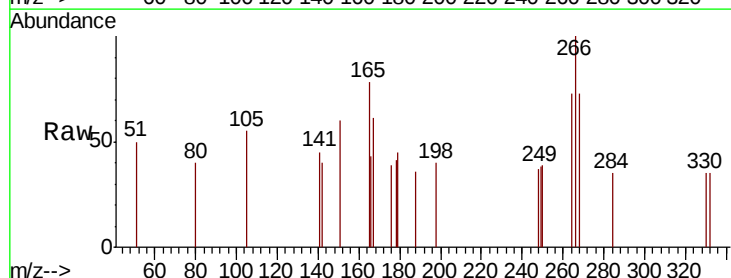
RT: 16.73 min Scan# 1083

Delta R.T. -0.05 min

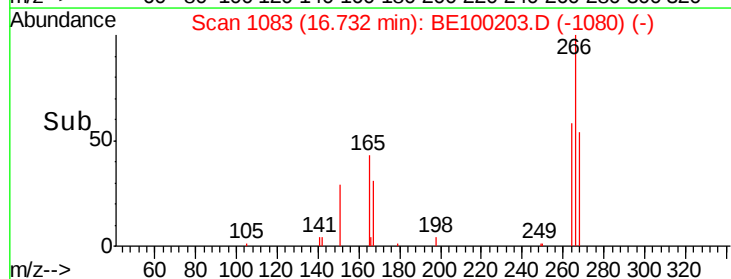
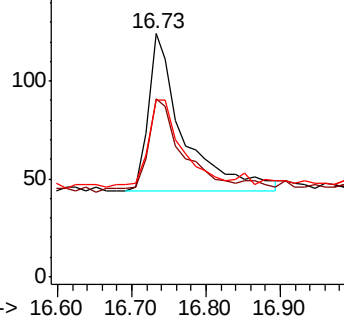
Lab File: BE100203.D

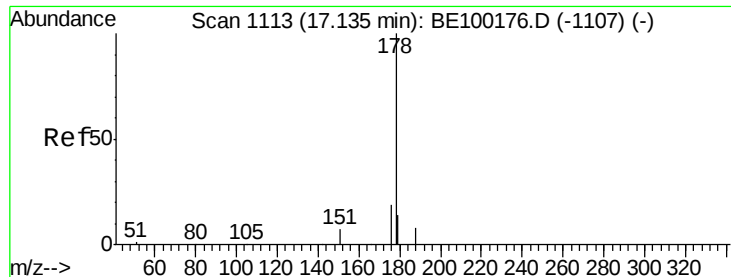
Acq: 27 Jun 2019 14:16

Tgt Ion:	266	Resp:	261
Ion Ratio	Lower	Upper	
266	100		
264	73.4	67.7	101.5
268	72.6	69.8	104.6



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.535 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

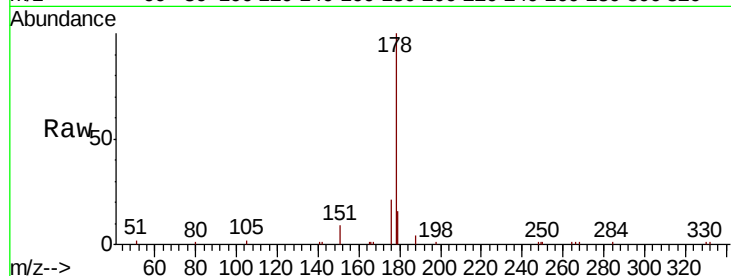
ClientSampleId :

PST-084-B045-061319MSD

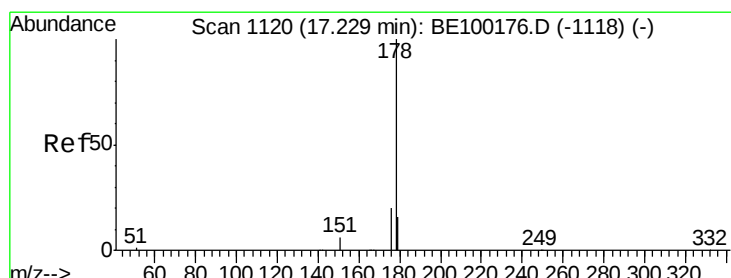
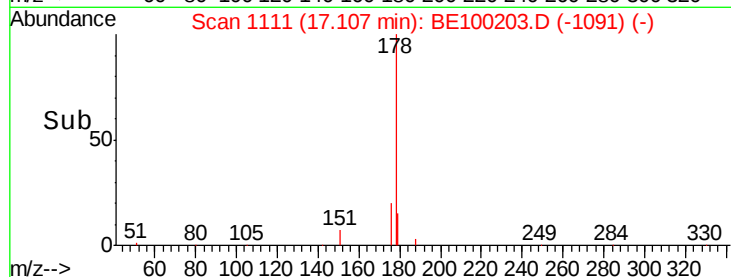
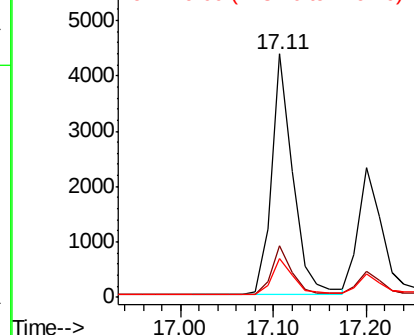
Tot Ion:178	Resp:	6979
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.5 23.3
179	15.4	12.2 18.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.353 ng

RT: 17.20 min Scan# 1118

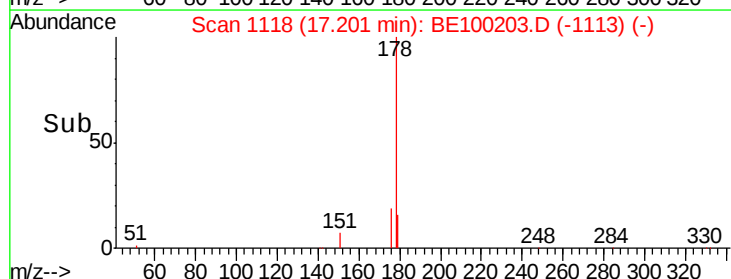
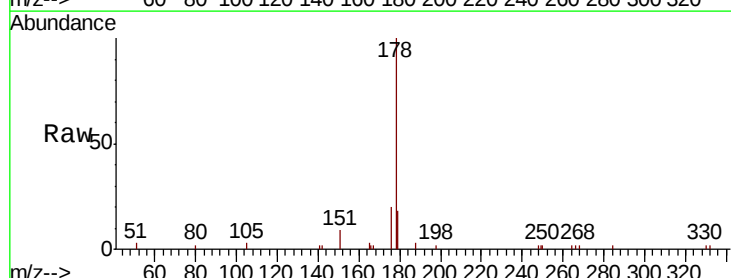
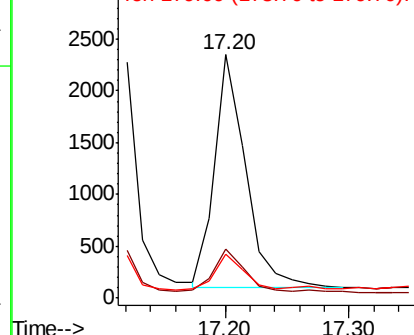
Delta R.T. -0.03 min

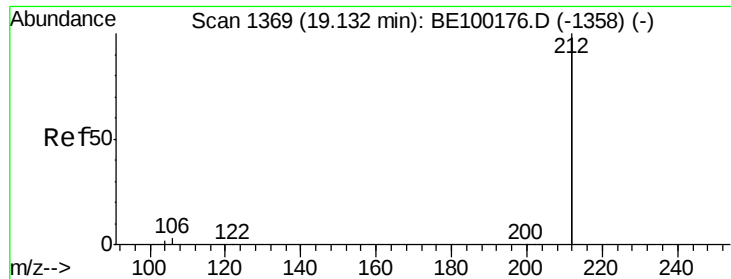
Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Tgt Ion:178	Resp:	3888
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.7 23.5
179	13.9	12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.10 min Scan# 1364

Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

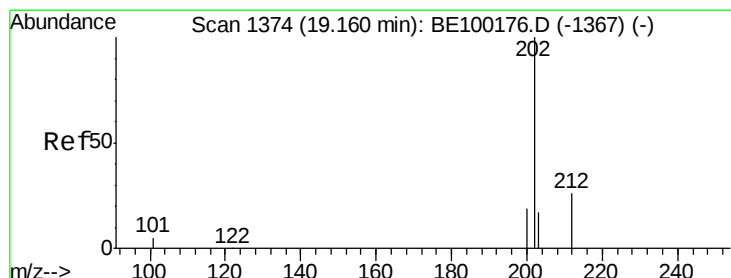
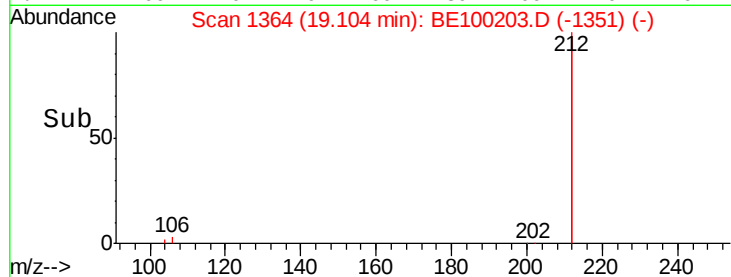
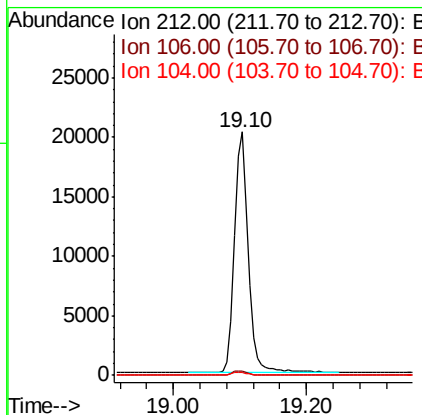
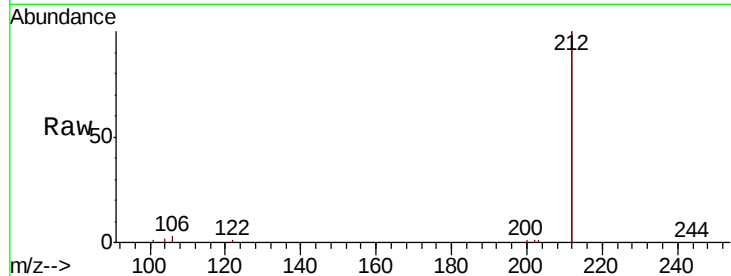
ClientSampleId :

PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.7	1.1

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#26

Fluoranthene

Concen: 0.571 ng

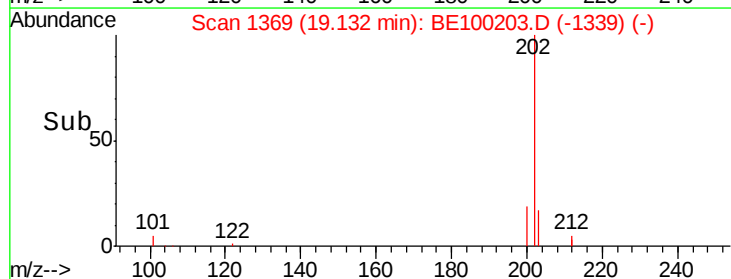
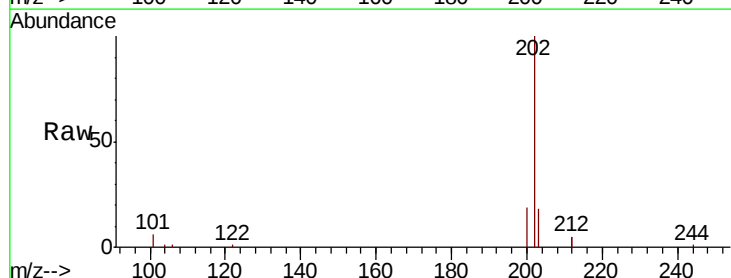
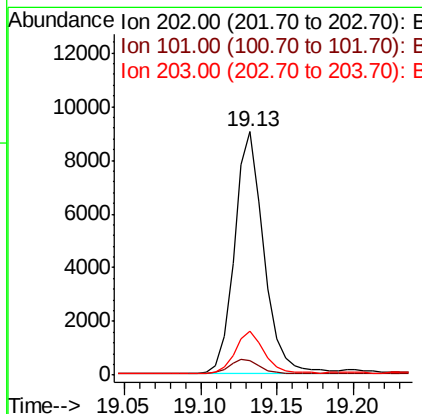
RT: 19.13 min Scan# 1369

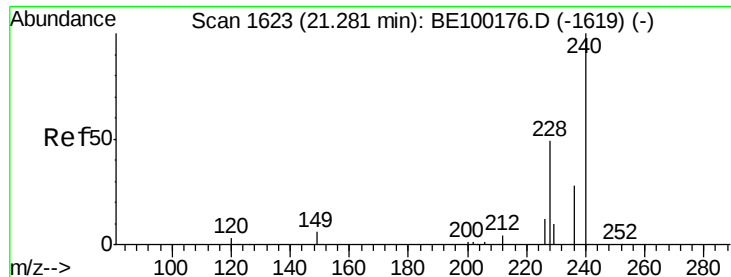
Delta R.T. -0.03 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.1	4.5	6.7
203	17.1	13.7	20.5





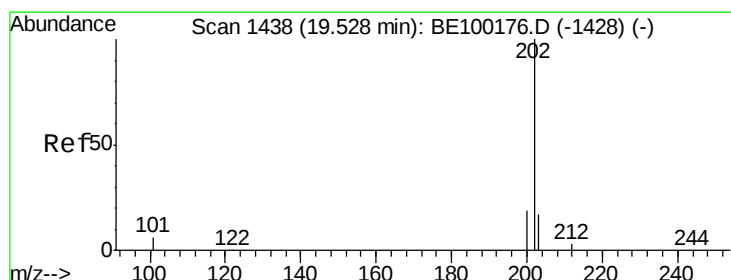
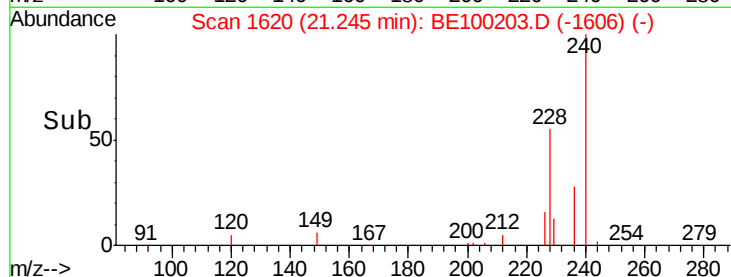
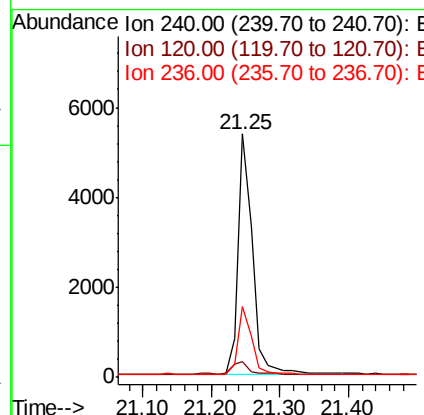
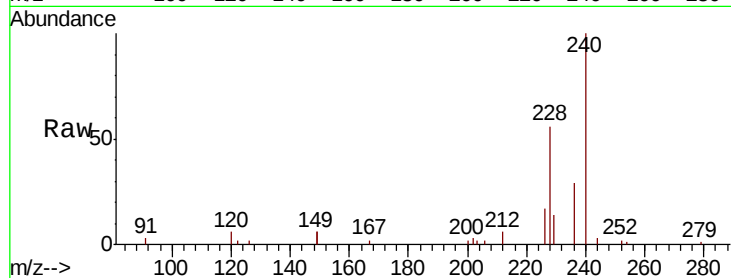
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.1	6.1#
236	29.1	23.0	34.6

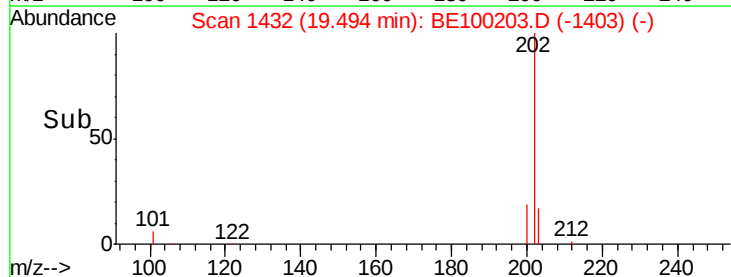
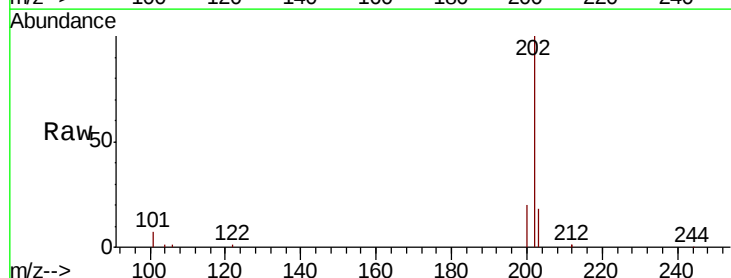
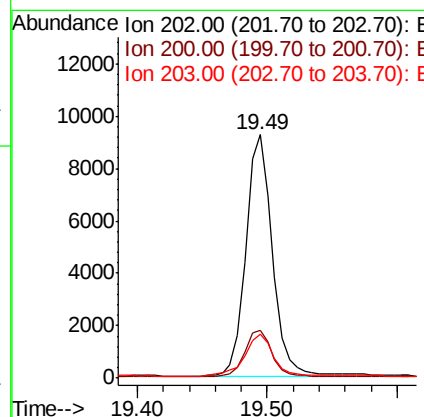
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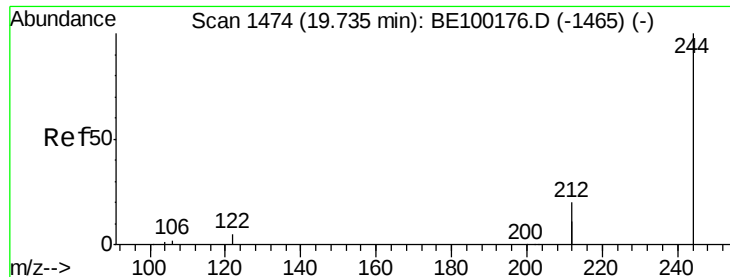
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#28
Pyrene
Concen: 0.645 ng
RT: 19.49 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.5	23.3
203	18.9	13.9	20.9





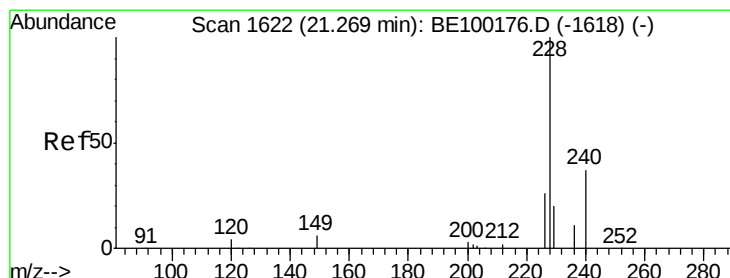
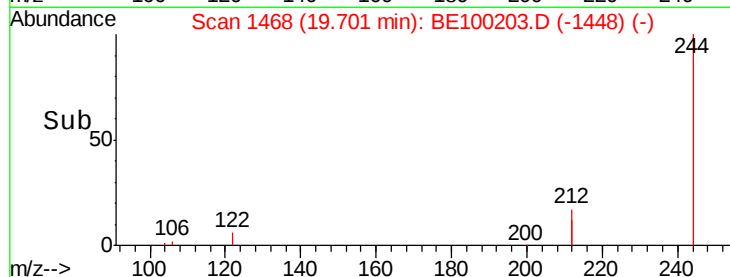
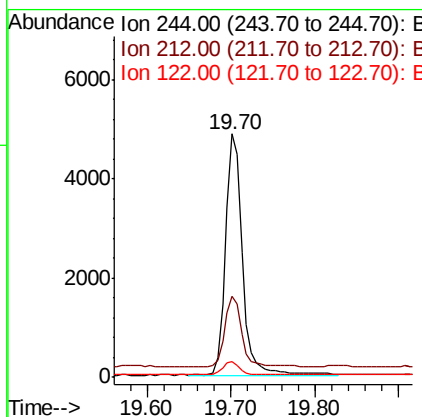
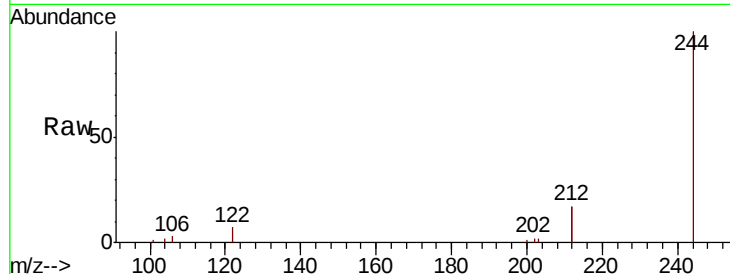
#29
 Terphenyl-d14
 Concen: 0.437 ng
 RT: 19.70 min Scan# 1468
 Delta R.T. -0.03 min
 Lab File: BE100203.D
 Acq: 27 Jun 2019 14:16

Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	33.3	30.7	46.1
122	6.7	5.8	8.6

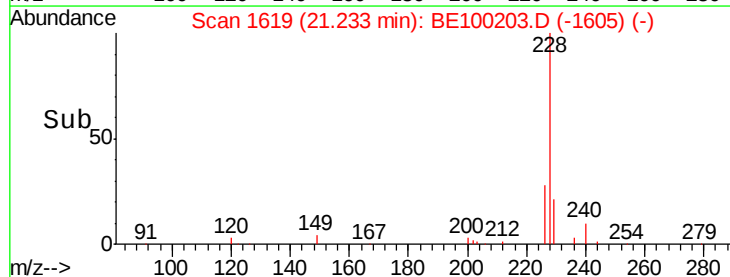
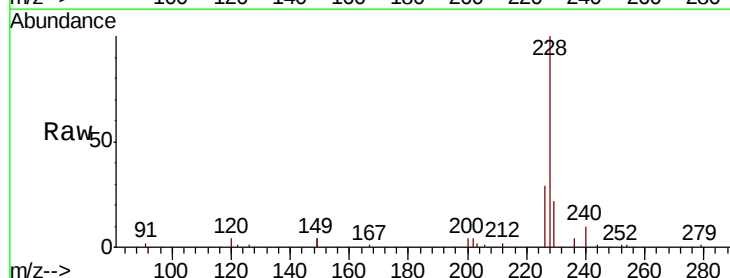
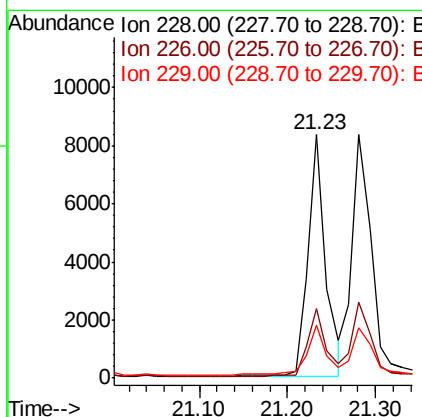
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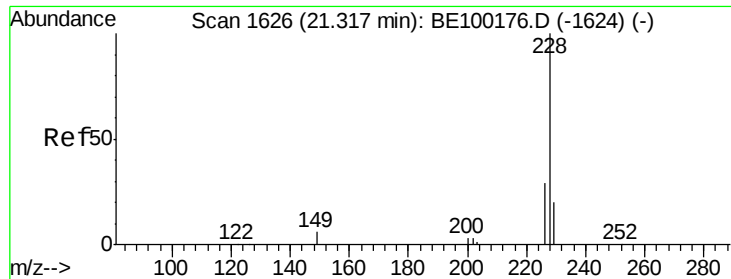
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#30
 Benzo(a)anthracene
 Concen: 0.504 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.04 min
 Lab File: BE100203.D
 Acq: 27 Jun 2019 14:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.5	32.3
229	21.7	17.2	25.8





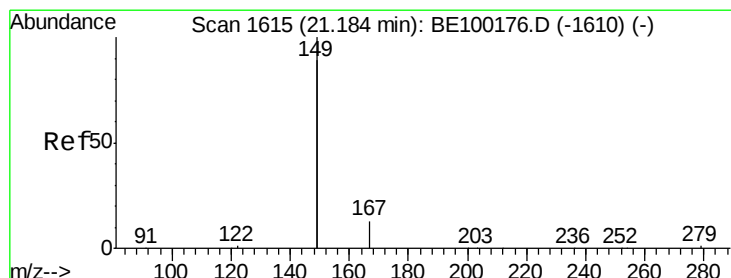
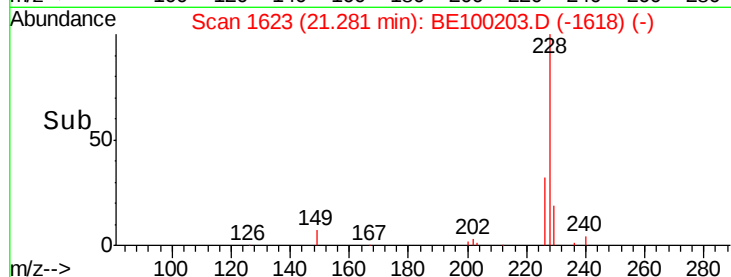
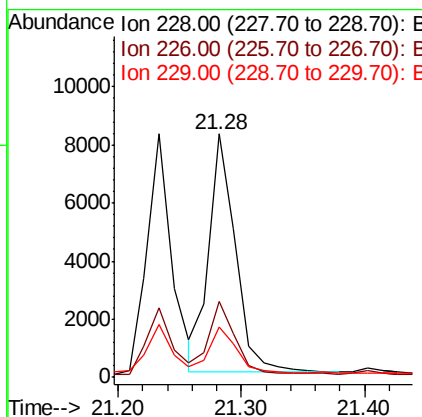
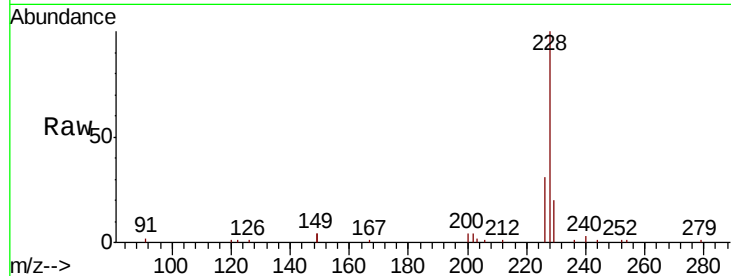
#31
Chrysene
Concen: 0.451 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.7	35.5
229	20.5	16.5	24.7

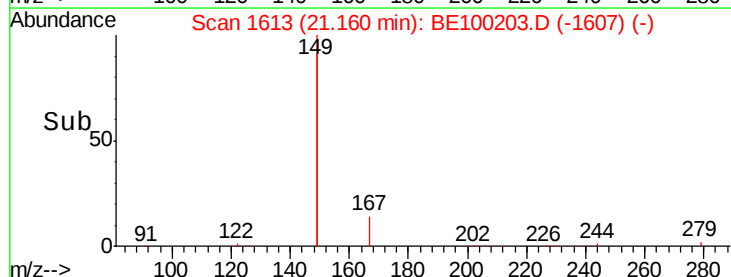
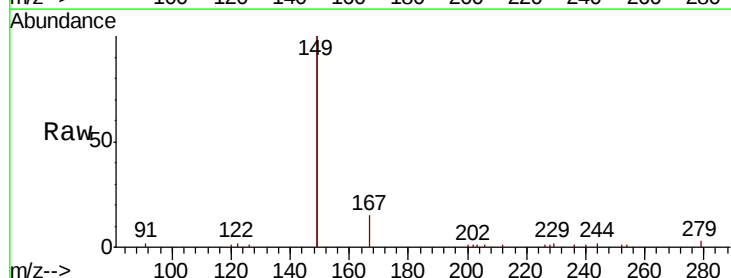
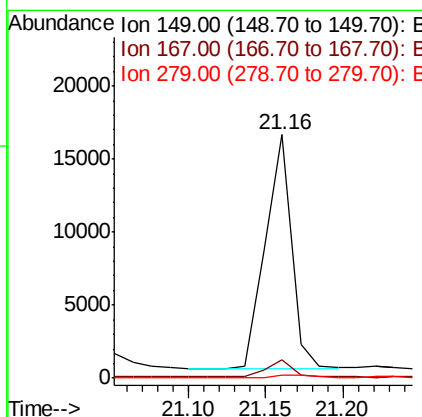
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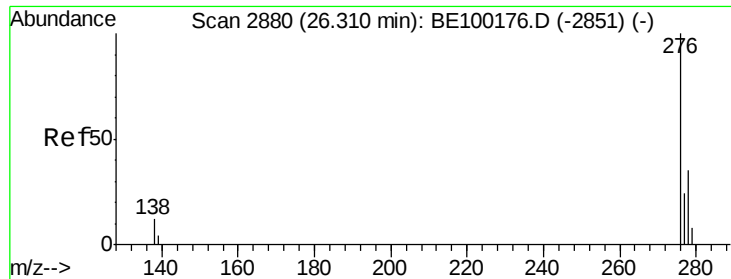
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.708 ng
RT: 21.16 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.9	8.9
279	1.4	1.0	1.6





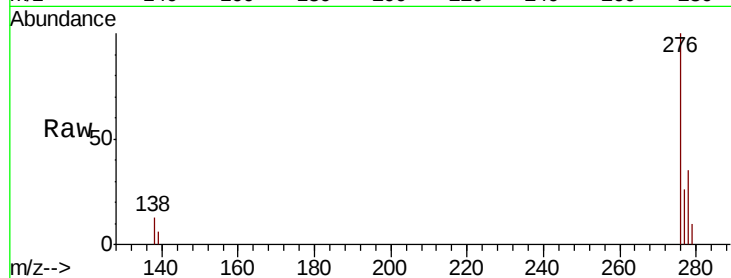
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.263 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.08 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.9	3.7	5.5#
277	23.5	18.7	28.1

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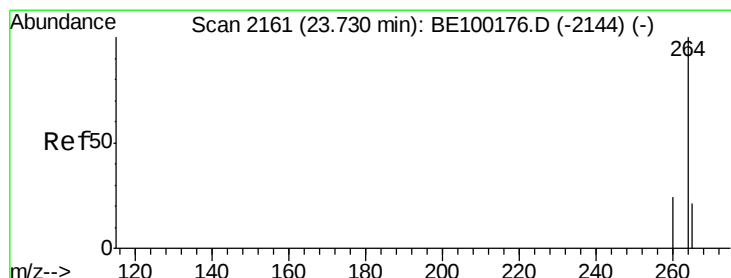
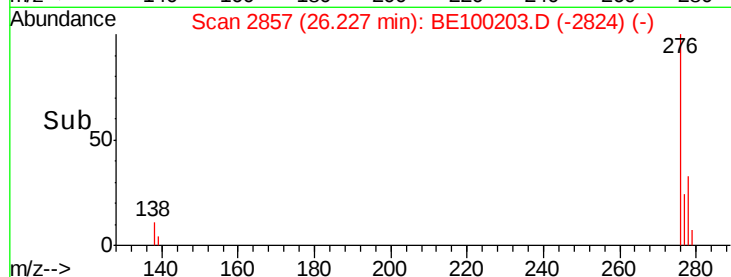
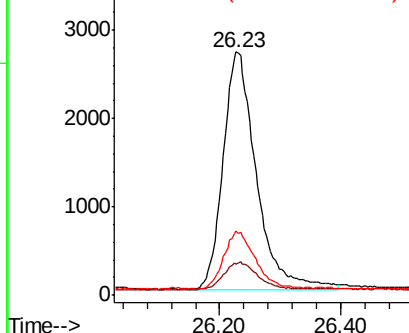


Abundance

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
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. -0.06 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

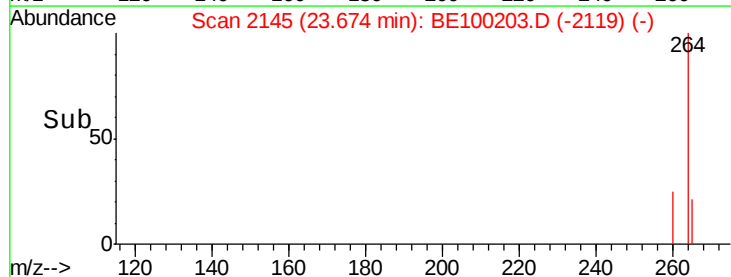
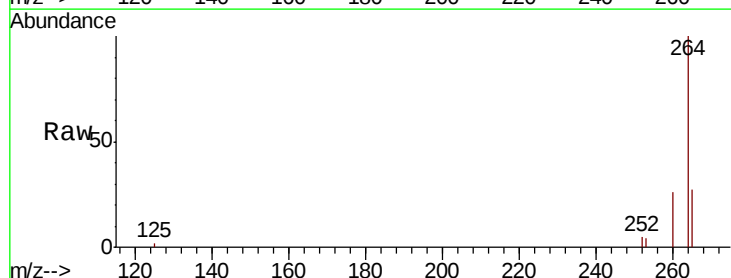
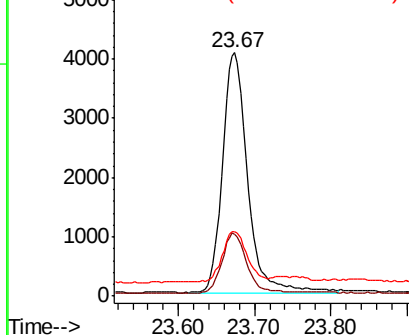
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	26.7	22.5	33.7

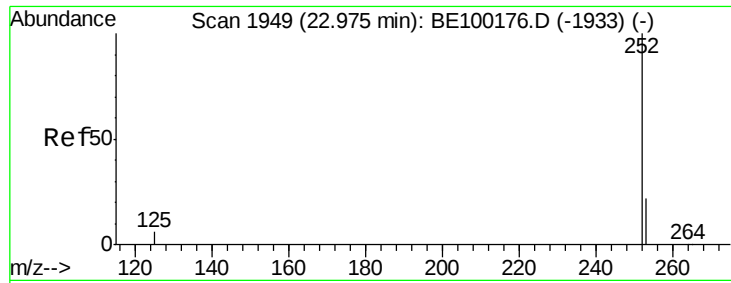
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.485 ng m

RT: 22.93 min Scan# 1936

Delta R.T. -0.05 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

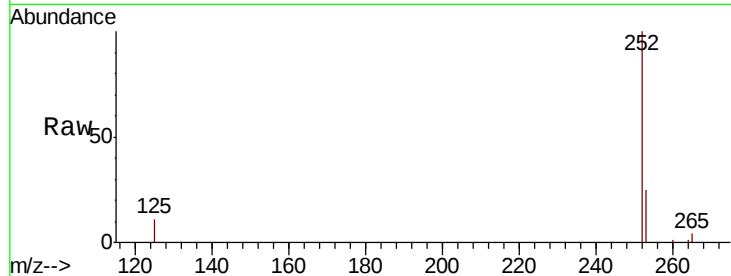
ClientSampleId :

PST-084-B045-061319MSD

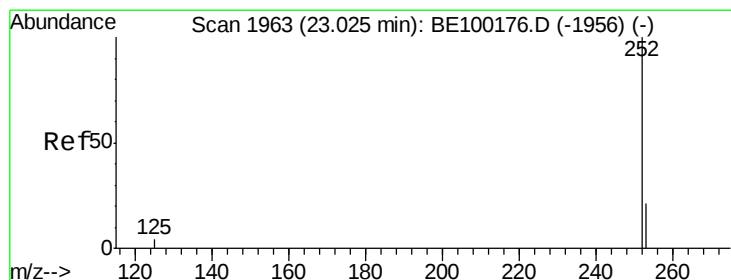
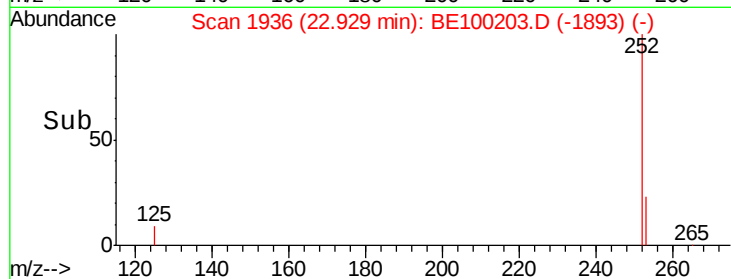
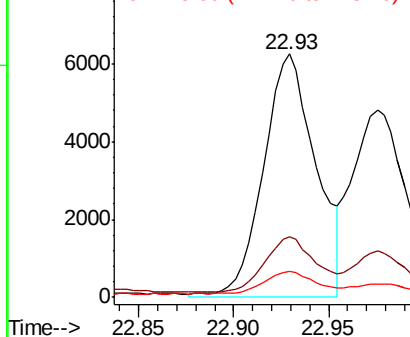
Tot Ion:252	Resp:	12048
Ion Ratio	Lower	Upper
252	100	
253	24.6	19.0 28.4
125	10.8	6.3 9.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.331 ng

RT: 22.98 min Scan# 1949

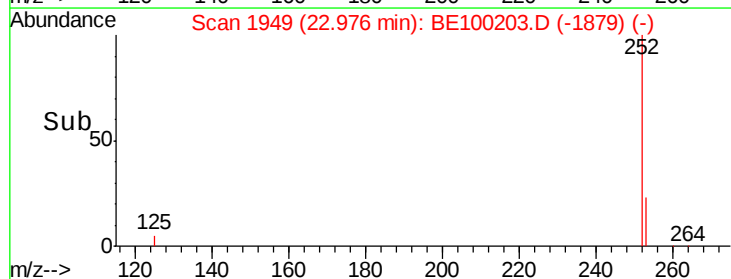
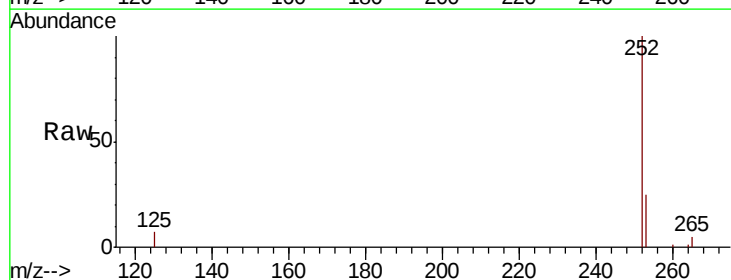
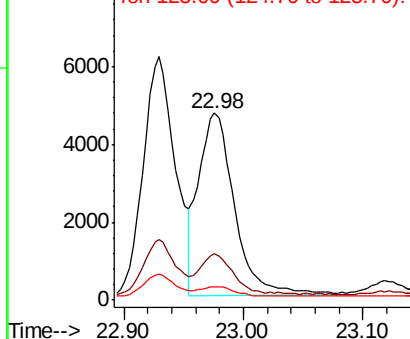
Delta R.T. -0.05 min

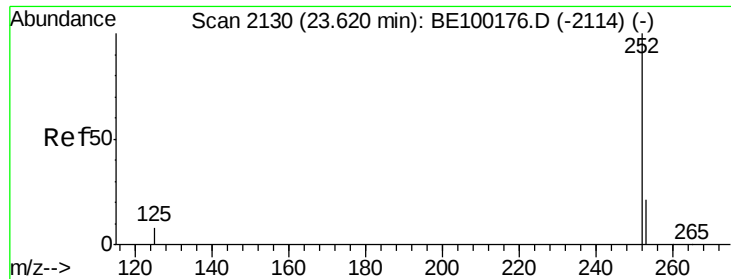
Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Tgt Ion:252	Resp:	9841
Ion Ratio	Lower	Upper
252	100	
253	24.9	18.4 27.6
125	7.3	5.0 7.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





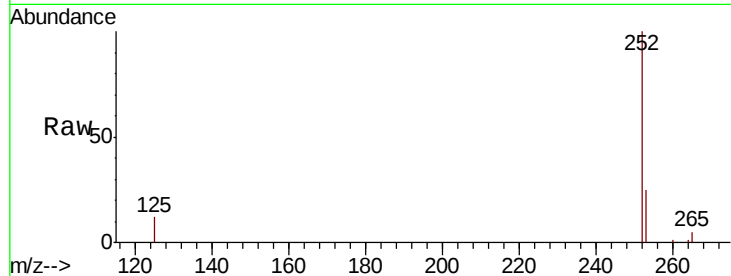
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.56 min Scan# 2114
Delta R.T. -0.06 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.2	28.8
125	11.8	8.2	12.2

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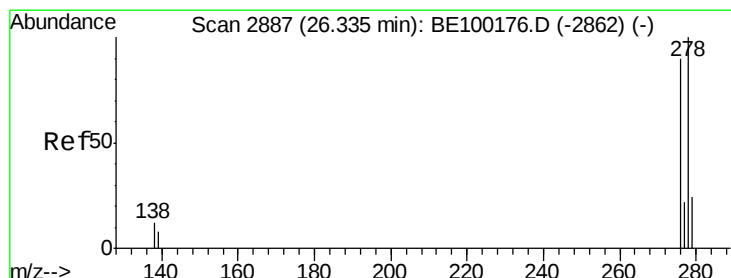
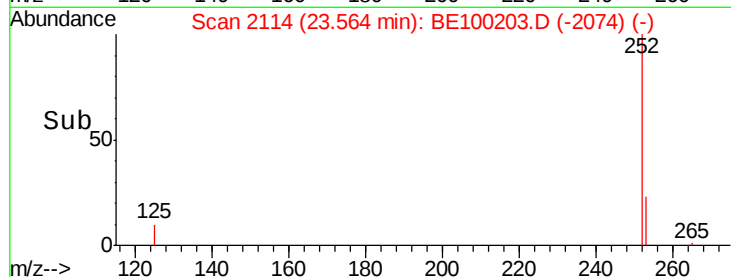
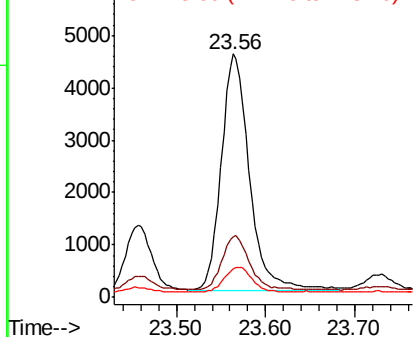


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.248 ng
RT: 26.26 min Scan# 2865
Delta R.T. -0.08 min
Lab File: BE100203.D
Acq: 27 Jun 2019 14:16

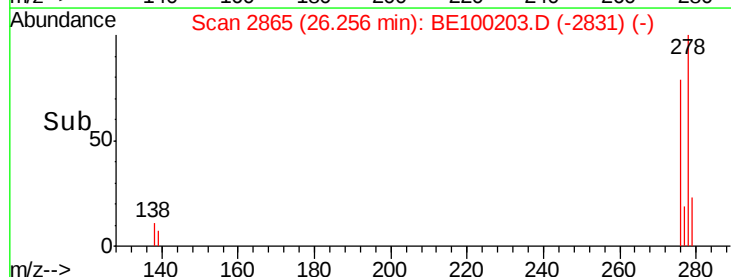
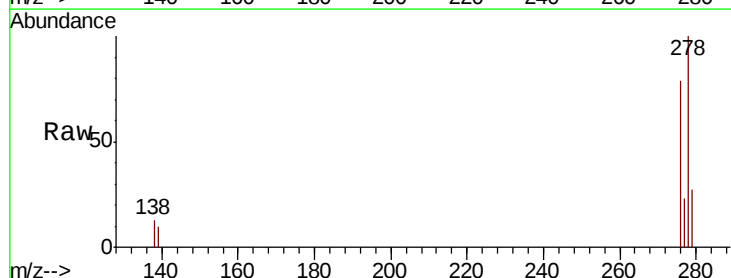
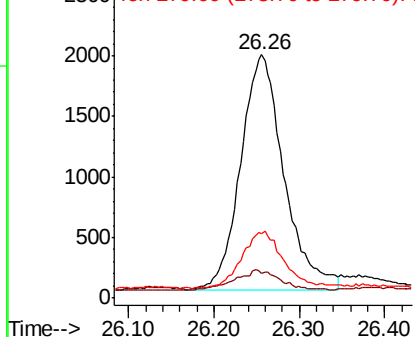
Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.0	13.4
279	26.7	21.1	31.7

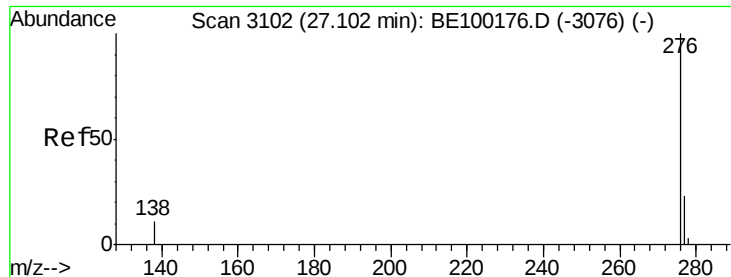
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.316 ng

RT: 27.02 min Scan# 3080

Delta R.T. -0.08 min

Lab File: BE100203.D

Acq: 27 Jun 2019 14:16

Instrument :

BNA_E

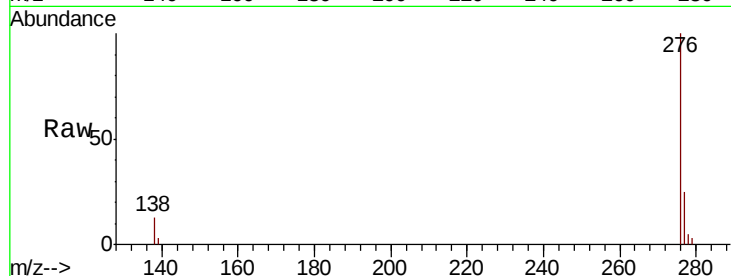
ClientSampleId :

PST-084-B045-061319MSD

Tot Ion:	276	Resp:	9069
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.8	29.6
138	12.7	10.2	15.4

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

