

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062119\
 Data File : BE100134.D
 Acq On : 21 Jun 2019 13:52
 Operator : JU/SJ
 Sample : K3428-20MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 22 02:17:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 19 15:07:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	610	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	2164	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	1929	0.40	ng	-0.02
19) Phenanthrene-d10	17.15	188	6917	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	9275	0.40	ng	0.00
34) Perylene-d12	23.83	264	10712	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	592	0.47	ng	-0.01
5) Phenol-d6	6.91	99	838	0.48	ng	-0.02
8) Nitrobenzene-d5	8.90	82	843	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.11	152	468	0.11	ng	-0.04
14) 2,4,6-Tribromophenol	15.90	330	492	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	2996	0.39	ng	-0.02
25) Fluoranthene-d10	19.19	212	3155	0.03	ng	0.00
29) Terphenyl-d14	19.79	244	8624	0.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	237	0.242	ng	# 61
3) n-Nitrosodimethylamine	3.52	42	258m	0.743	ng	
6) bis(2-Chloroethyl)ether	7.16	93	561	0.346	ng	88
9) Naphthalene	10.58	128	9127	0.388	ng	100
10) Hexachlorobutadiene	10.85	225	657	0.284	ng	96
12) 2-Methylnaphthalene	12.21	142	1607	0.416	ng	97
16) Acenaphthylene	14.12	152	3869	0.423	ng	99
17) Acenaphthene	14.47	154	1947	0.380	ng	93
18) Fluorene	15.45	166	3191	0.418	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	1409	0.343	ng	96
21) Hexachlorobenzene	16.45	284	1315	0.290	ng	99
22) Pentachlorophenol	16.81	266	796	0.782	ng	# 79
23) Phenanthrene	17.19	178	10262	0.619	ng	98
24) Anthracene	17.28	178	5884	0.421	ng	98
26) Fluoranthene	19.22	202	18336	0.689	ng	100
28) Pyrene	19.58	202	20849	0.875	ng	99
30) Benzo(a)anthracene	21.32	228	18684	0.677	ng	99
31) Chrysene	21.38	228	17669	0.551	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	21022	0.807	ng	100
33) Indeno(1,2,3-cd)pyrene	26.46	276	14008	0.388	ng	# 95
35) Benzo(b)fluoranthene	23.06	252	17711m	0.563	ng	
36) Benzo(k)fluoranthene	23.11	252	14151	0.396	ng	99
37) Benzo(a)pyrene	23.72	252	14741	0.486	ng	99
38) Dibenzo(a,h)anthracene	26.49	278	9467	0.304	ng	99
39) Benzo(g,h,i)perylene	27.28	276	13262	0.410	ng	99

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

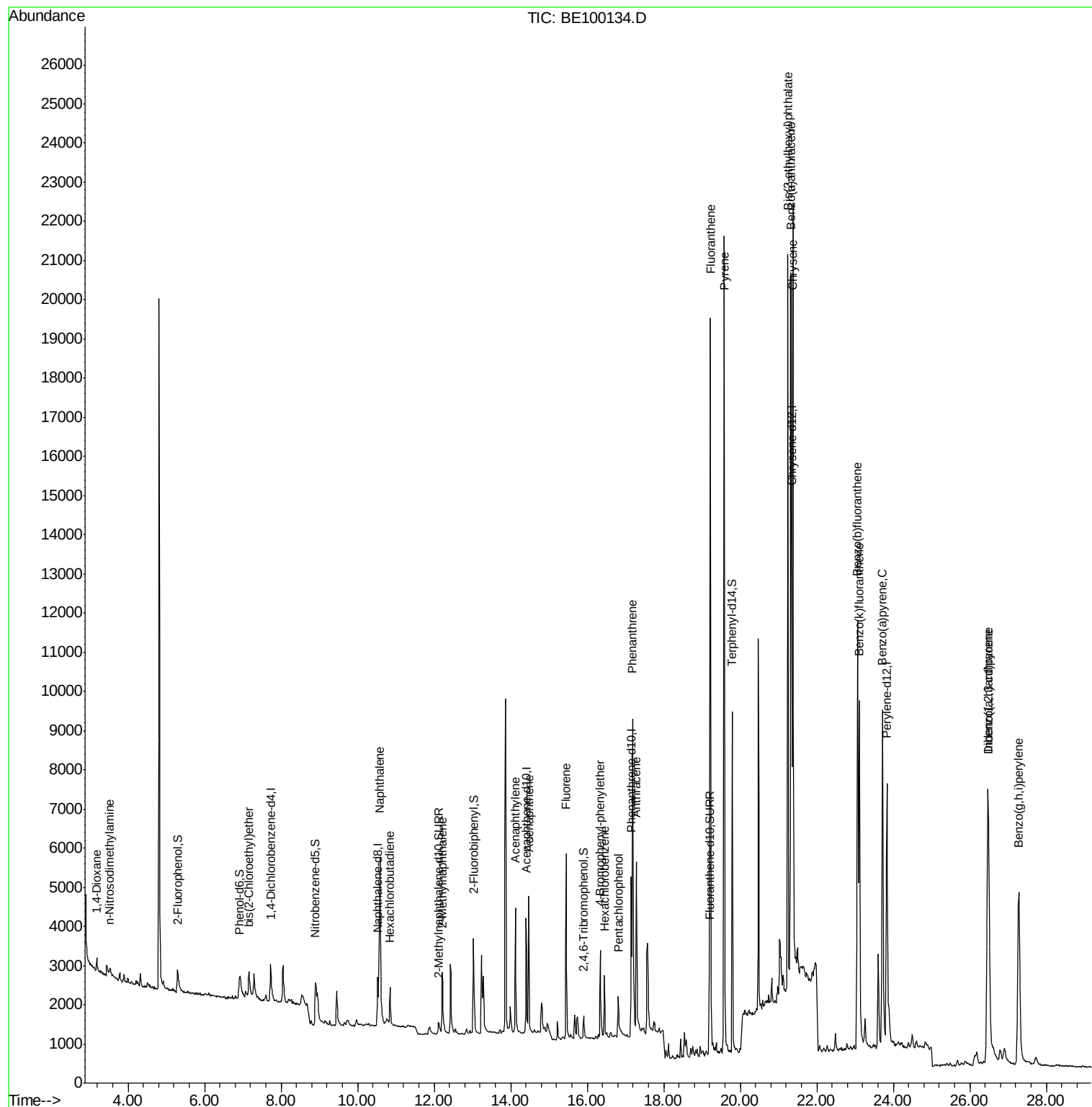
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062119\
Data File : BE100134.D
Acq On : 21 Jun 2019 13:52
Operator : JU/SJ
Sample : K3428-20MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

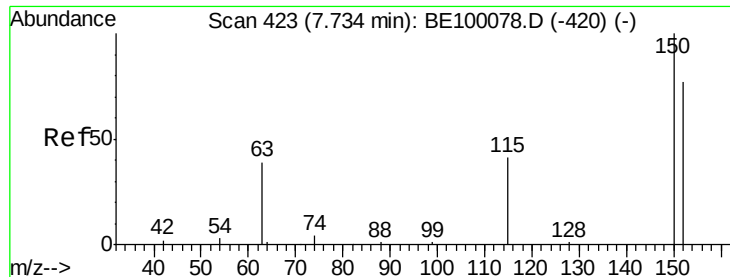
Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MSD

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Quant Time: Jun 22 02:17:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
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Response via : Initial Calibration





#1

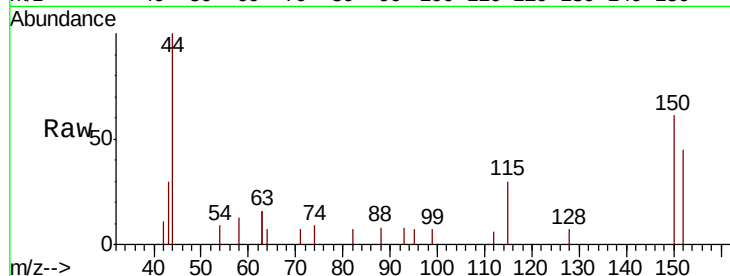
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.9	99.8	149.8
115	66.3	51.3	76.9

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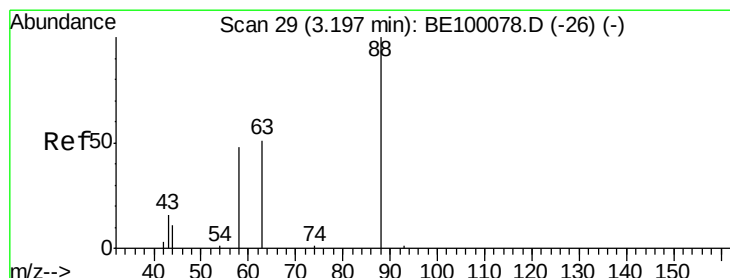
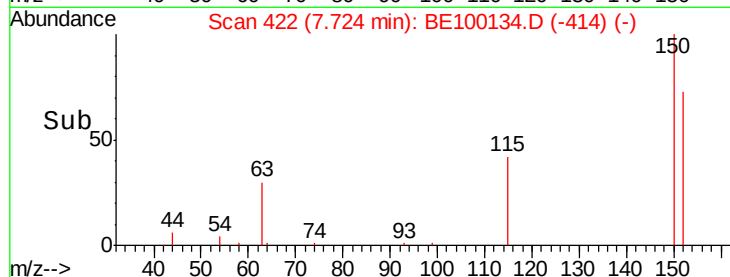
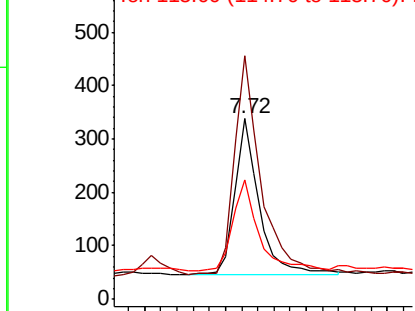


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

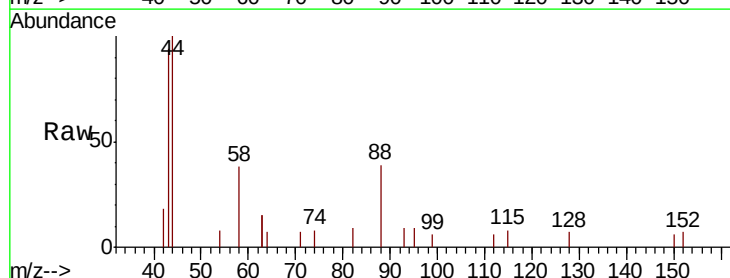
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.242 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.6	51.1	76.7
43	78.9	21.7	32.5

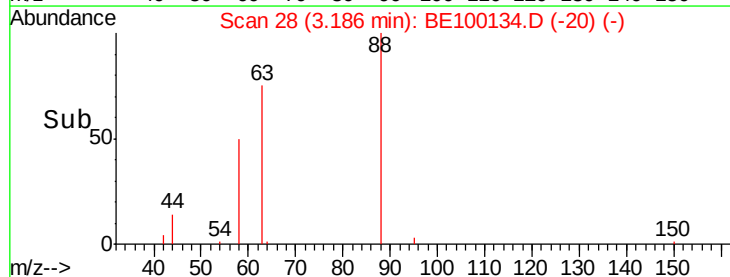
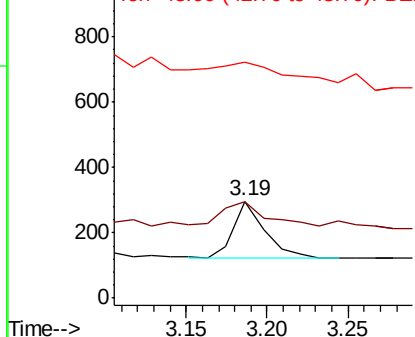


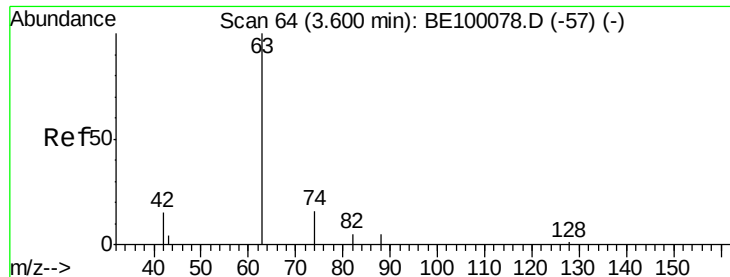
Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

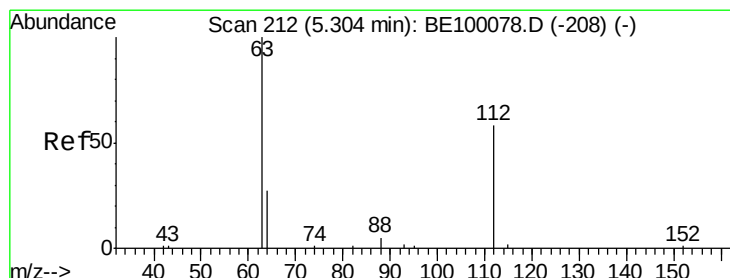
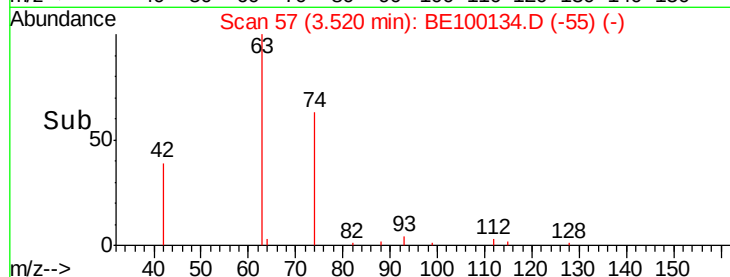
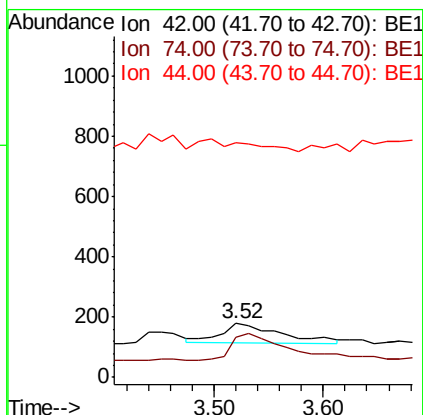
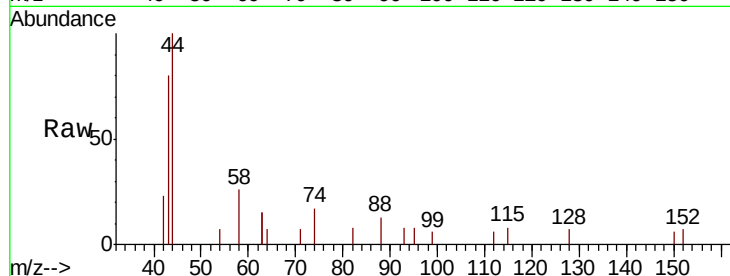
n-Nitrosodimethylamine
Concen: 0.743 ng/ml
RT: 3.52 min Scan# 57
Delta R.T. -0.08 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

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

Tot Ion	42	Resp:	258
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

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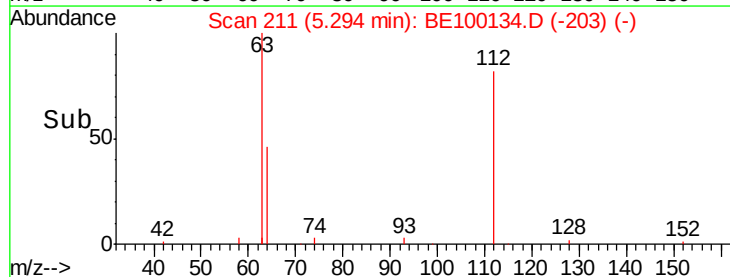
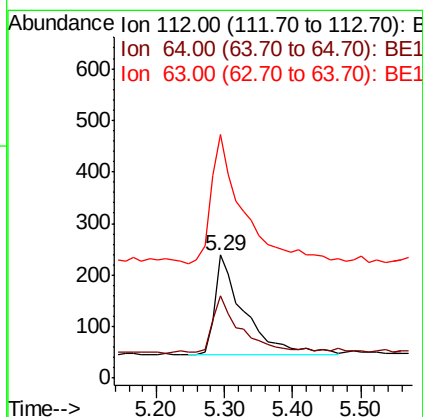
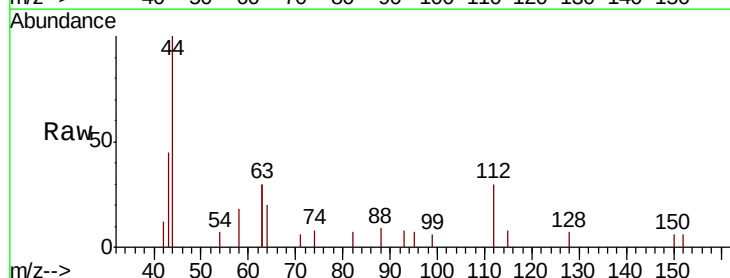
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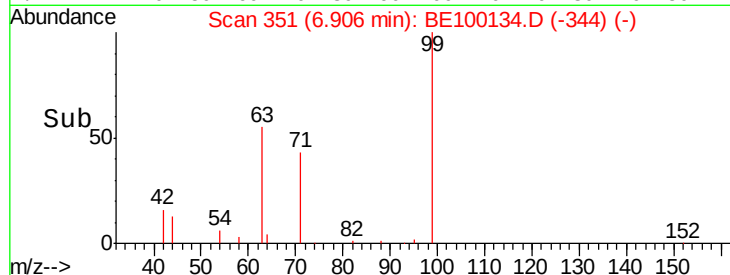
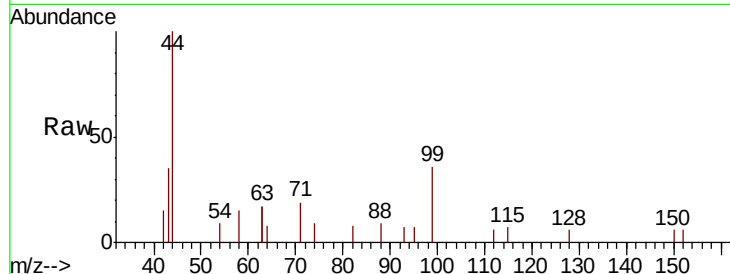
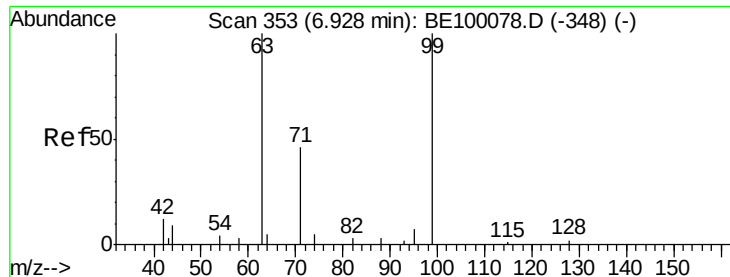


#4

2-Fluorophenol
Concen: 0.468 ng/ml
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

Tgt Ion	112	Resp:	592
Ion	Ratio	Lower	Upper
112	100		
64	52.7	22.0	33.0#
63	141.4	121.8	182.6





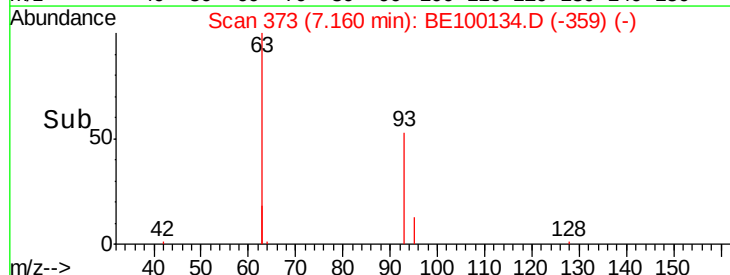
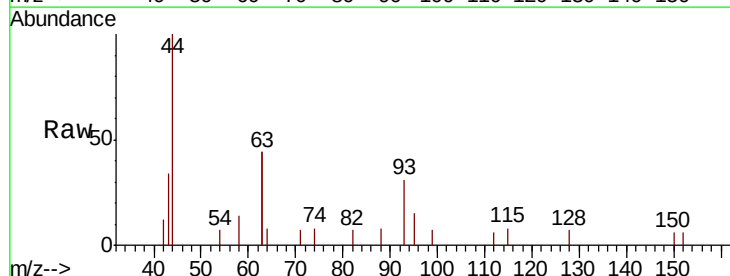
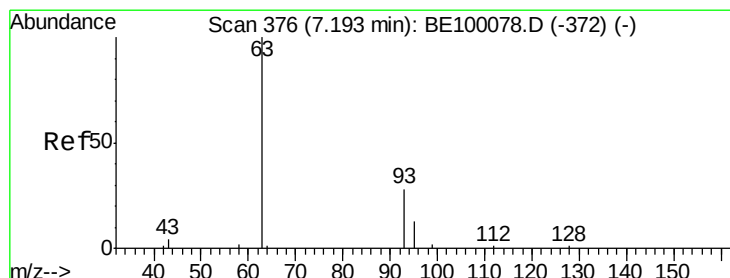
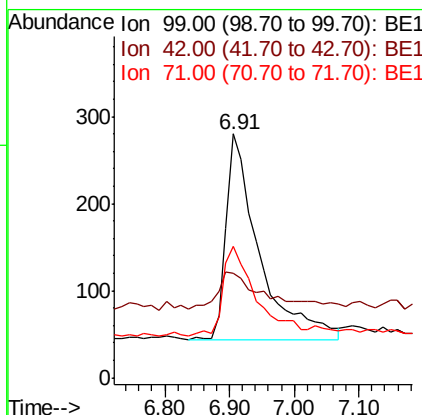
#5
Phenol-d6
Concen: 0.482 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.02 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

Tot Ion	Ratio	Lower	Upper
99	100		
42	21.5	0.0	0.0#
71	43.9	37.6	56.4

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

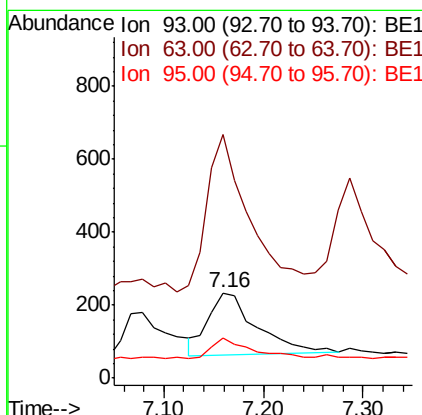
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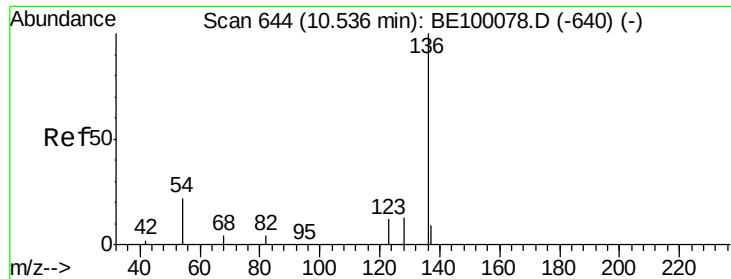
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#6
bis(2-Chloroethyl)ether
Concen: 0.346 ng
RT: 7.16 min Scan# 373
Delta R.T. -0.03 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
93	100		
63	226.6	200.0	300.0
95	29.6	24.0	36.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.01 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

Instrument :

BNA_E

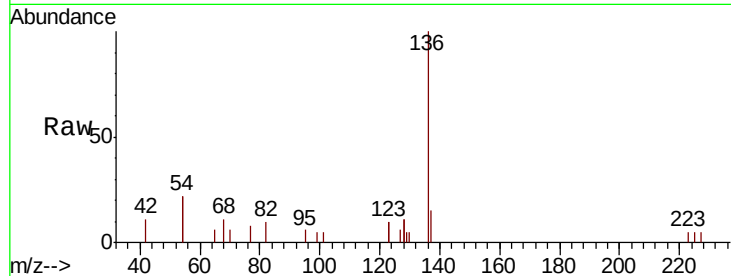
ClientSampleId :

PST-084-B045-061319MSD

Tot Ion	136	Resp	2164
Ion	Ratio	Lower	Upper
136	100		
137	15.3	11.6	17.4
54	43.9	33.9	50.9
68	11.0	7.8	11.8

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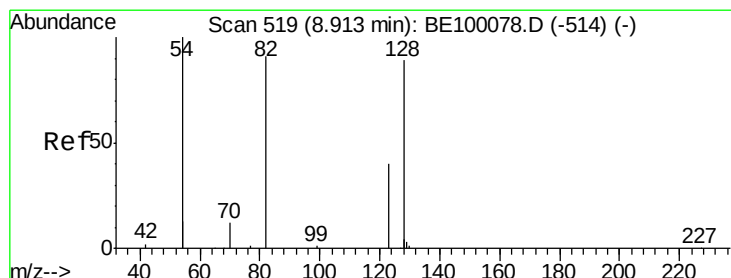
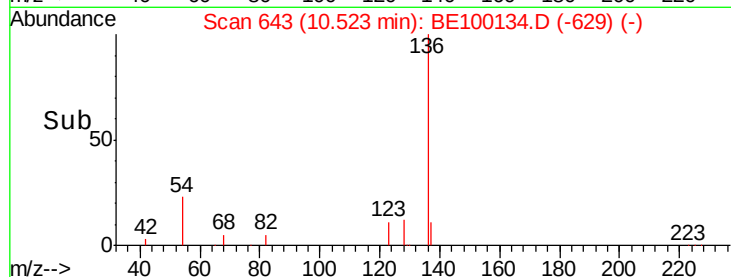
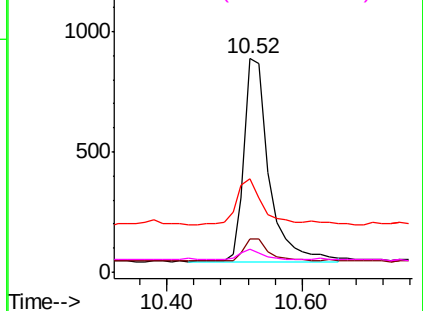


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

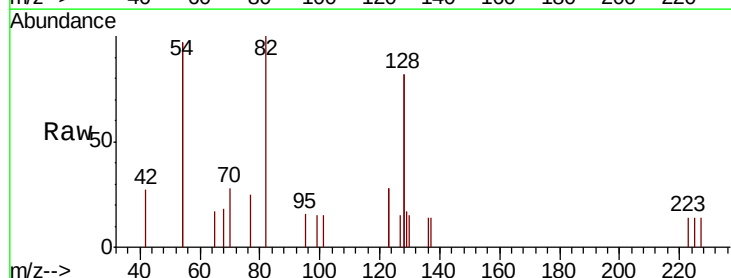
RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

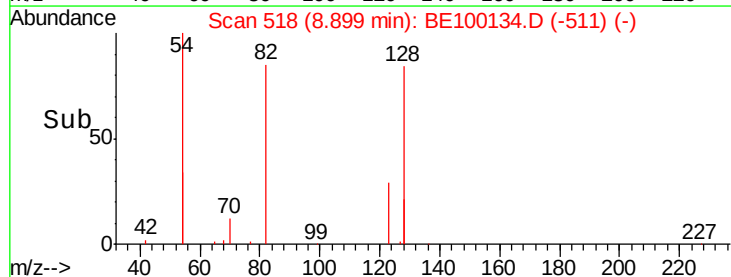
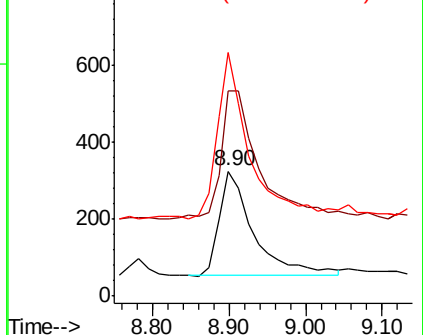
Tgt Ion	82	Resp	843
Ion	Ratio	Lower	Upper
82	100		
128	163.7	128.0	192.0
54	194.5	143.4	215.0

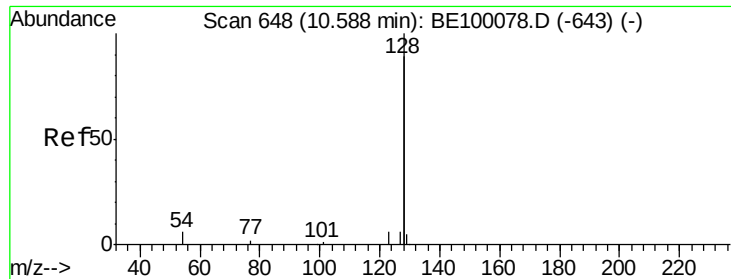


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.388 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

Instrument :

BNA_E

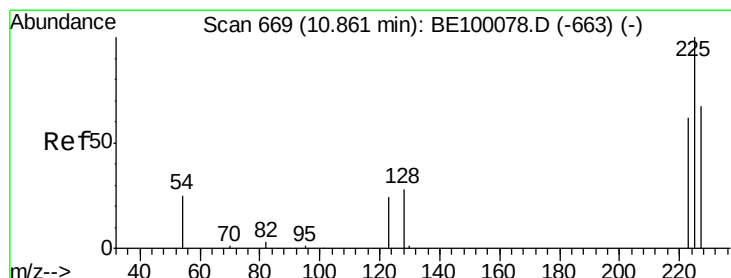
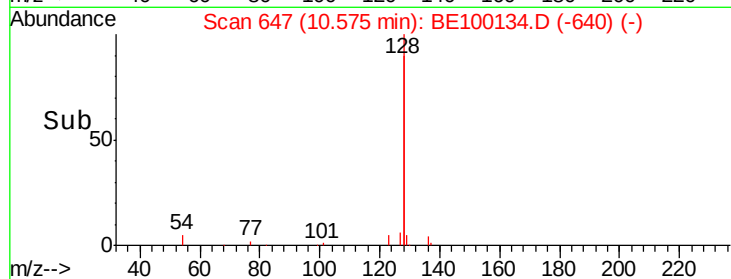
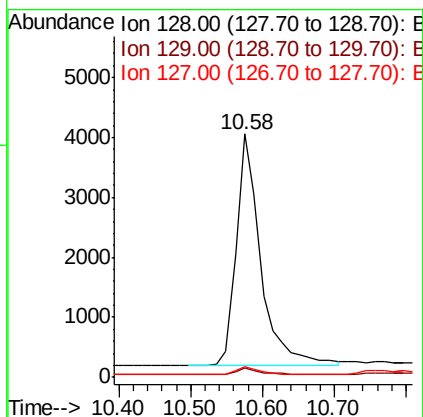
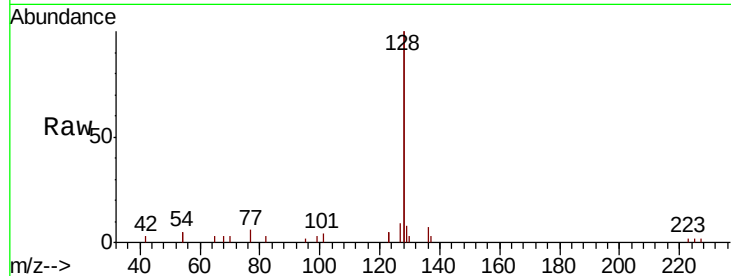
ClientSampleId :

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Tot Ion:	128	Resp:	9127
Ion Ratio	Lower	Upper	
128	100		
129	3.9	3.1	4.7
127	4.3	3.4	5.2

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#10

Hexachlorobutadiene

Concen: 0.284 ng

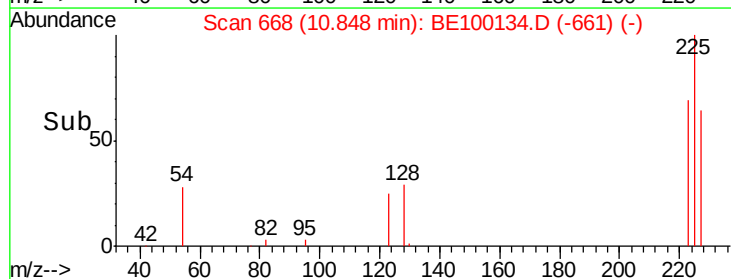
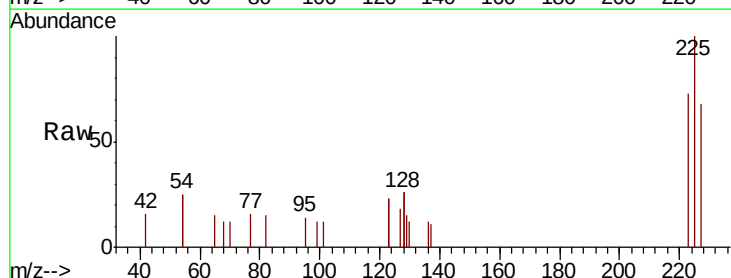
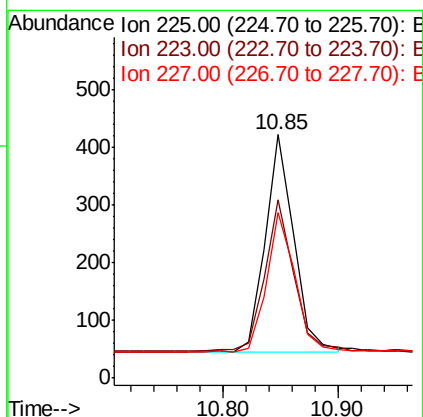
RT: 10.85 min Scan# 668

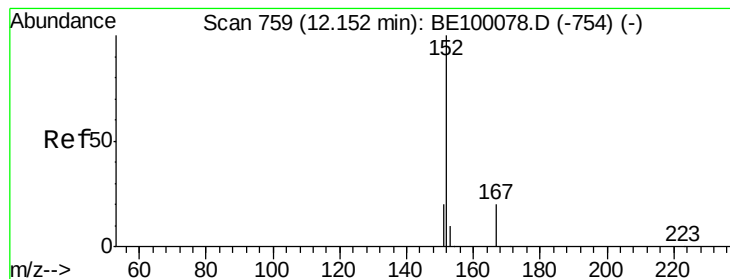
Delta R.T. -0.01 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

Tgt Ion:	225	Resp:	657
Ion Ratio	Lower	Upper	
225	100		
223	69.7	52.2	78.4
227	64.2	53.0	79.6





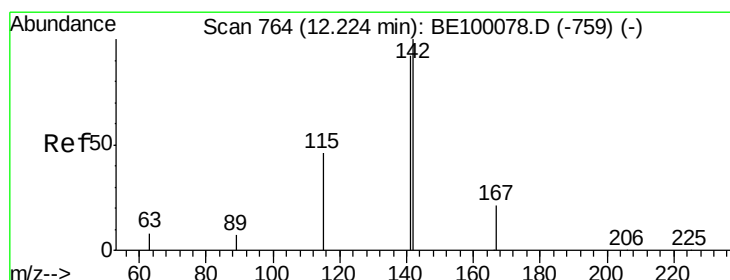
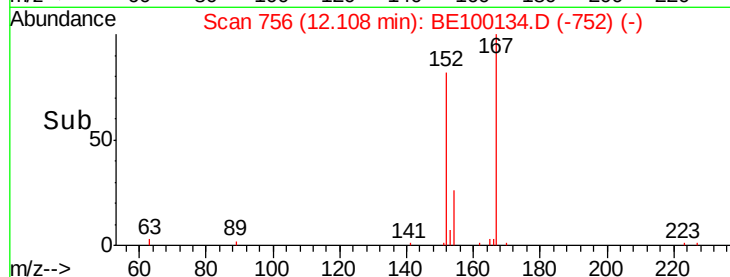
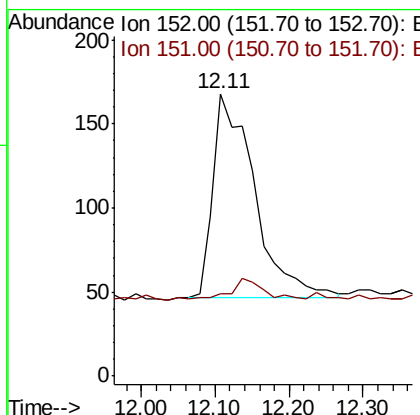
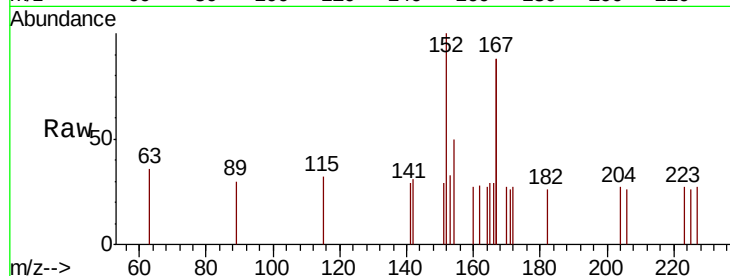
#11
2-Methylnaphthalene-d10
Concen: 0.114 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.04 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#

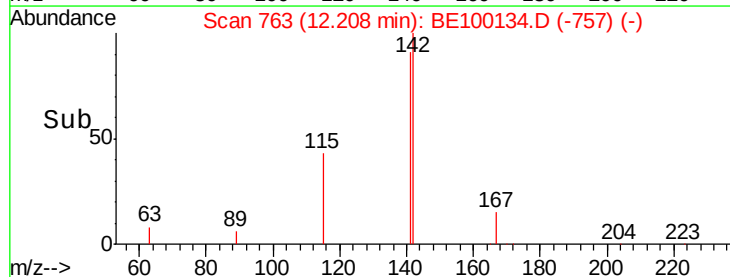
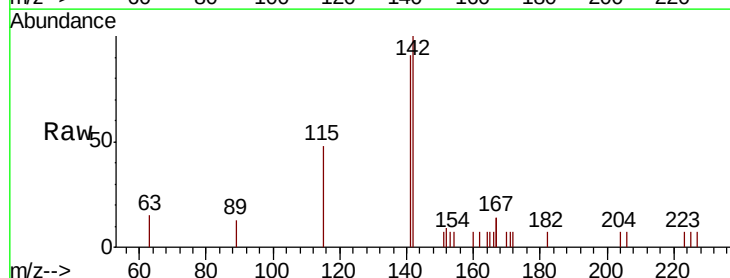
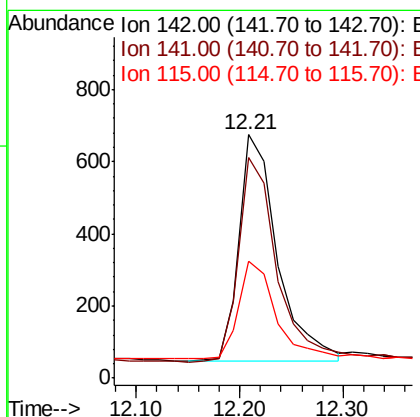
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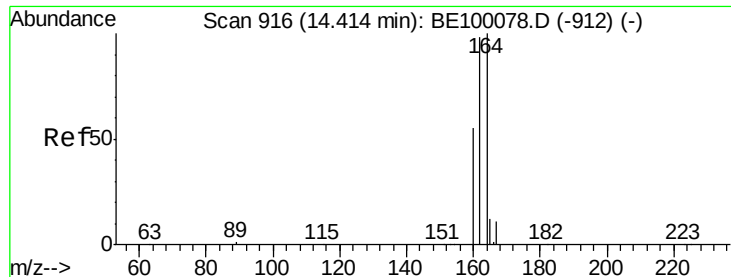
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#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.02 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.1	111.1
115	47.9	40.9	61.3





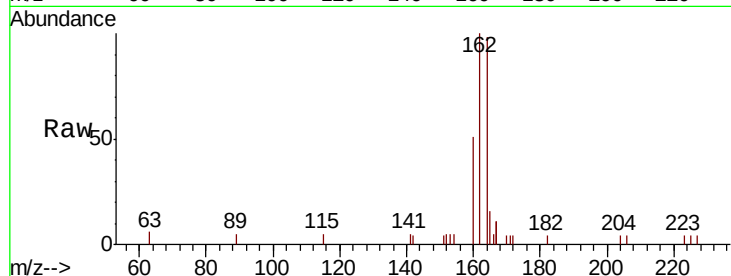
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.2	117.2
160	52.5	45.6	68.4

Manual Integrations
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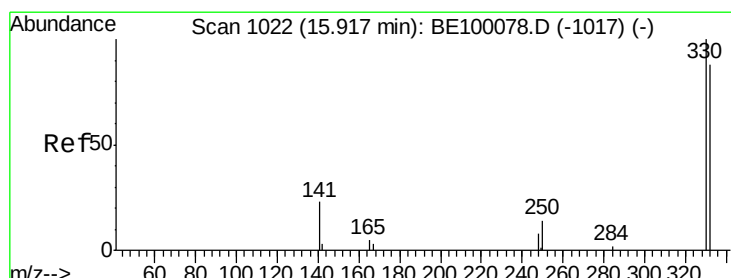
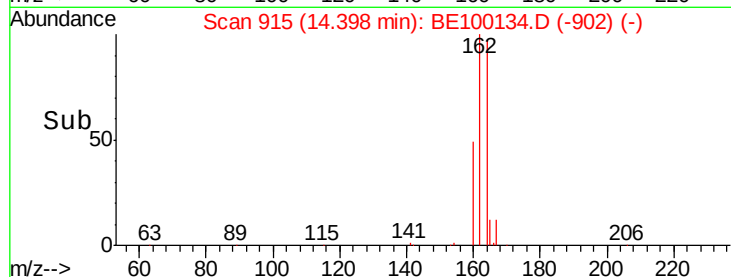
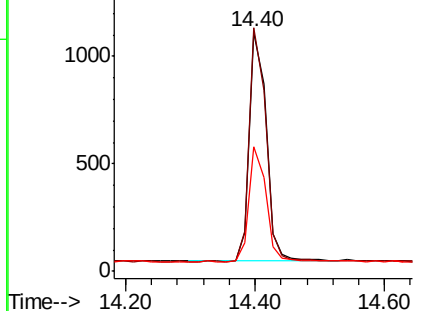


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.462 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

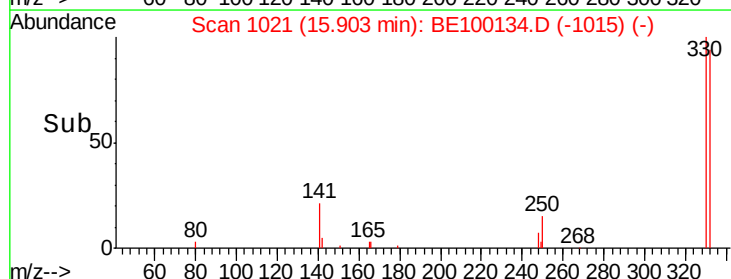
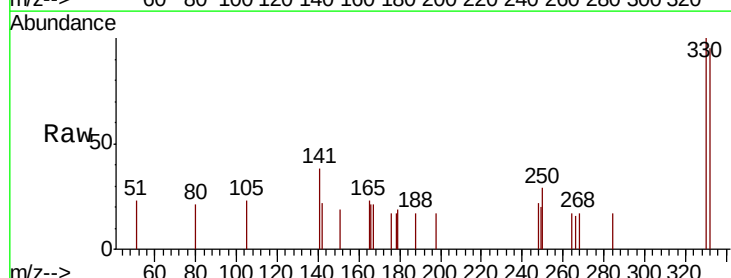
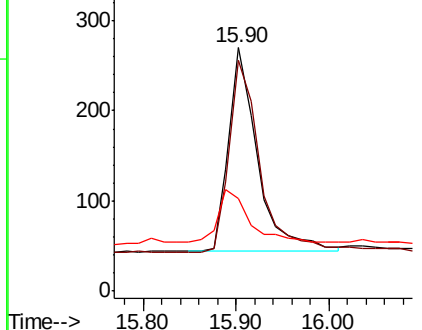
Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.9	73.3	109.9
141	27.8	22.2	33.2

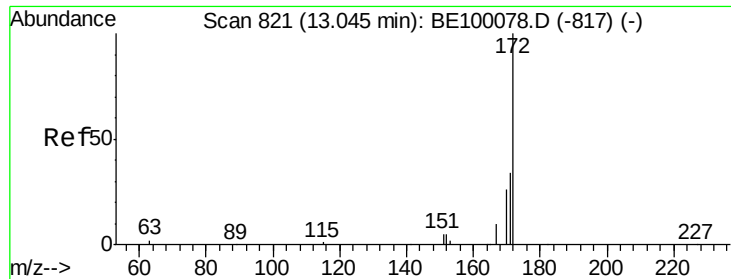
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





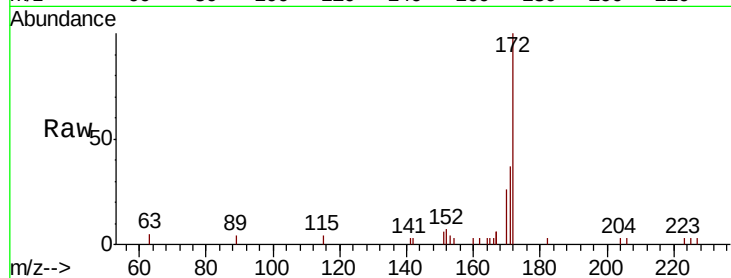
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.02 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.8
170	25.5	23.2	34.8

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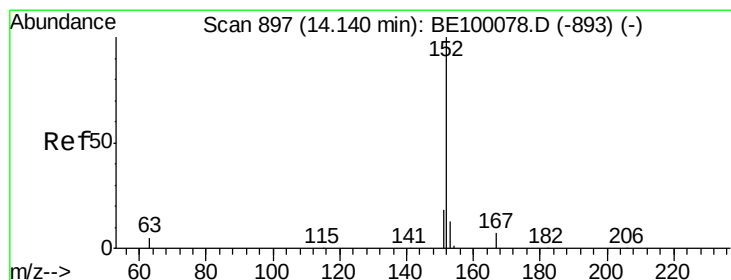
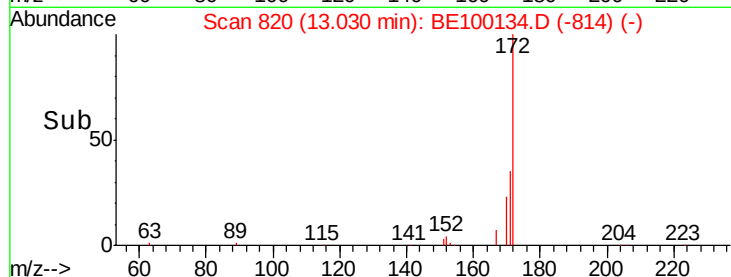
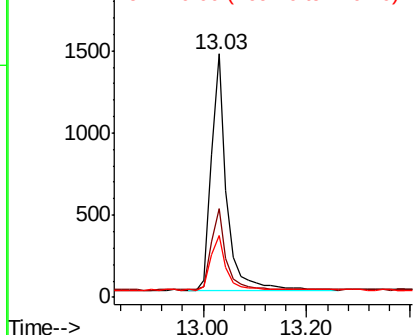


Abundance

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: 0.423 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.02 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

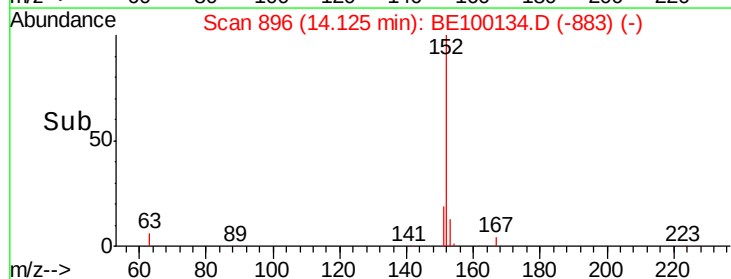
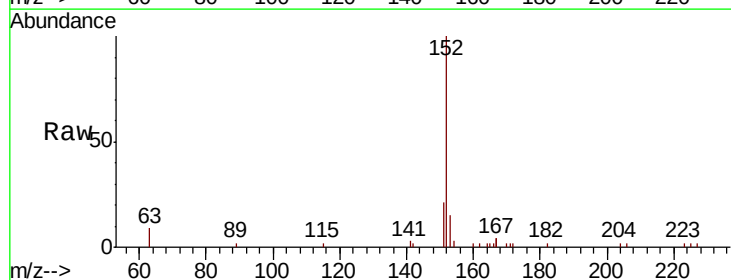
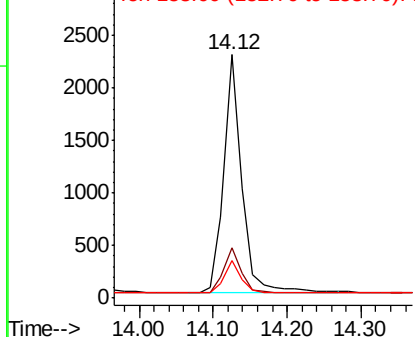
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	12.6	10.1	15.1

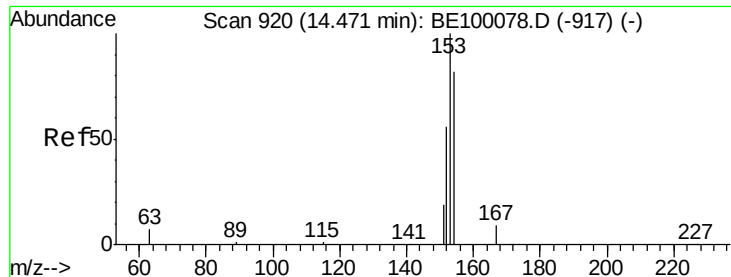
Abundance

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





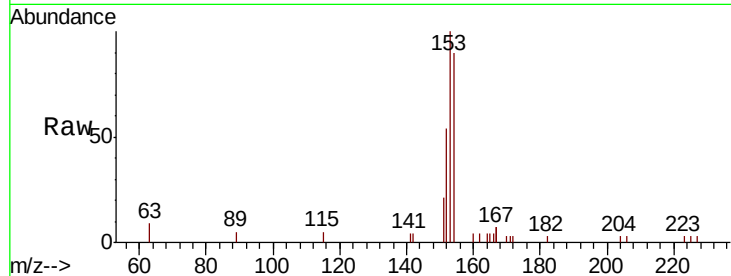
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	95.5	143.3
152	60.5	54.9	82.3

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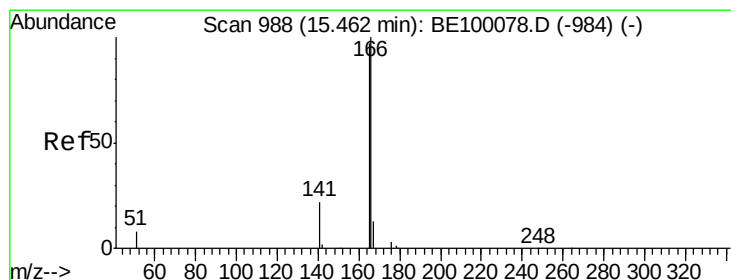
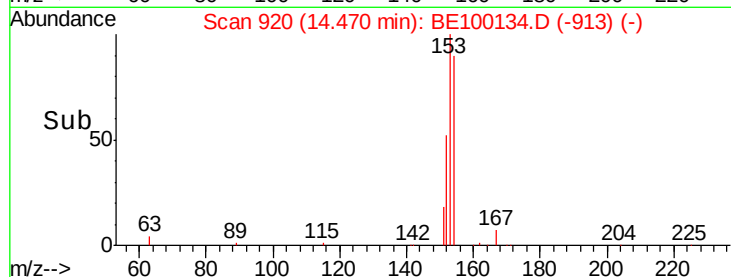
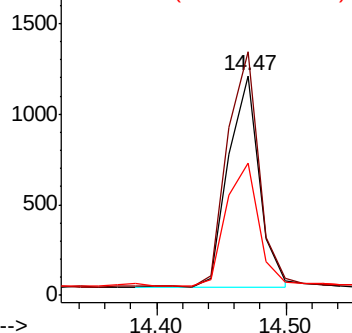


Abundance

Ion 154.00 (153.70 to 154.70): E

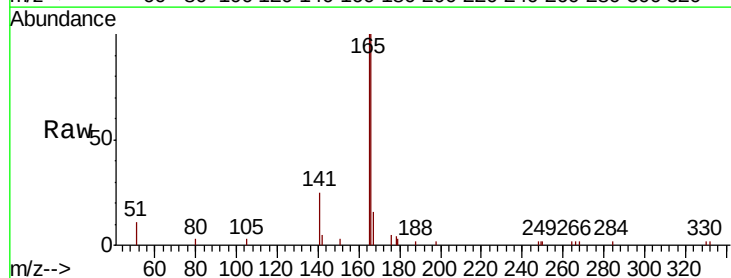
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.418 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.7	10.2	15.4

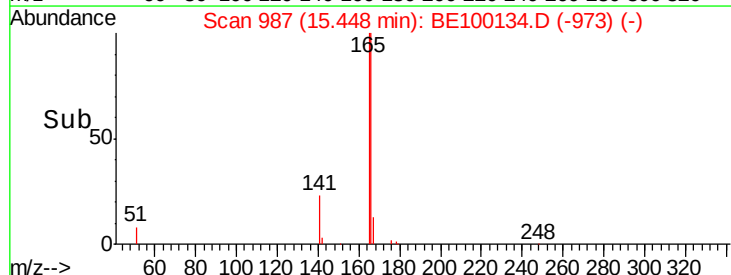
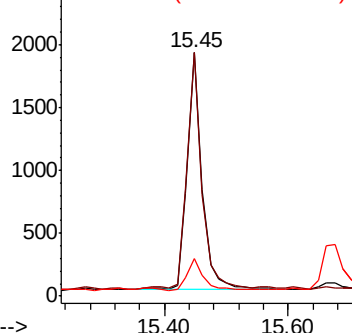


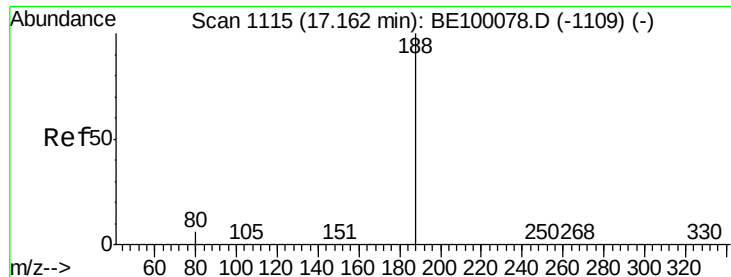
Abundance

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





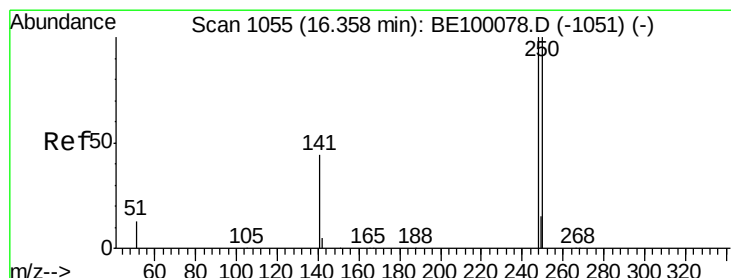
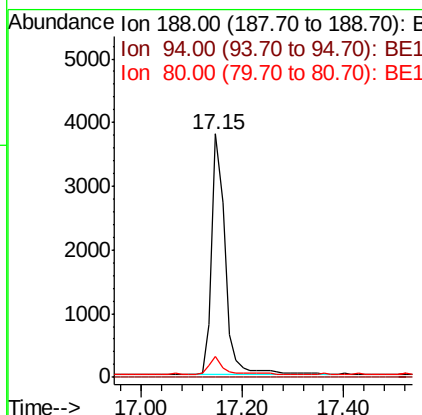
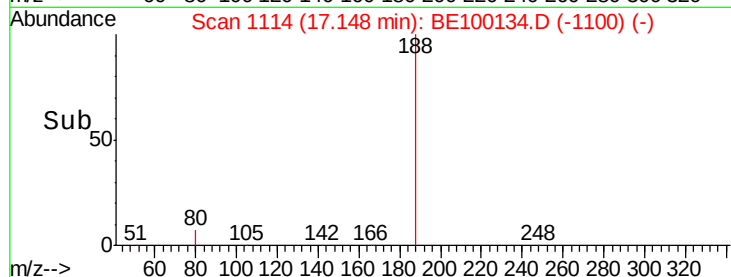
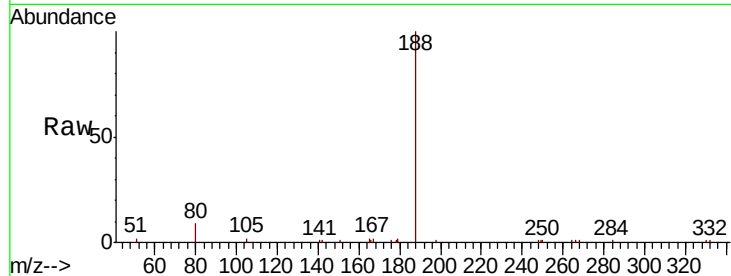
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	6917		
94	0.0	0.0	0.0	0.0
80	8.5	6.3	9.5	

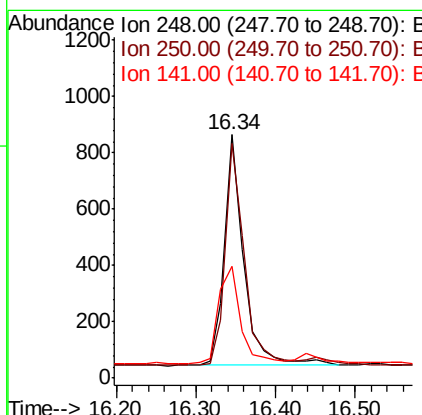
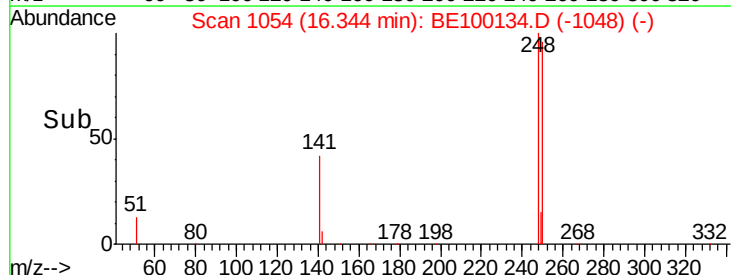
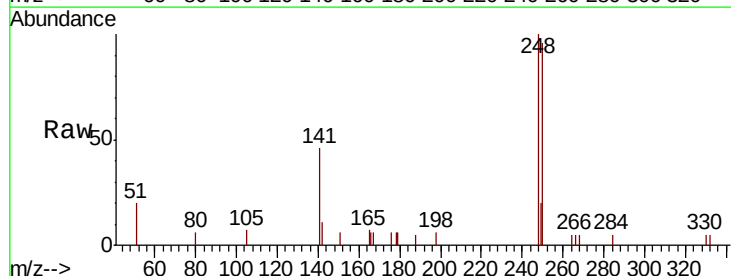
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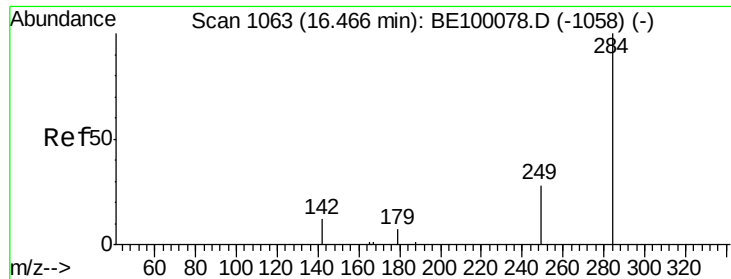
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#20
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.34 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	1409		
250	96.2	80.6	120.8	
141	45.8	38.8	58.2	





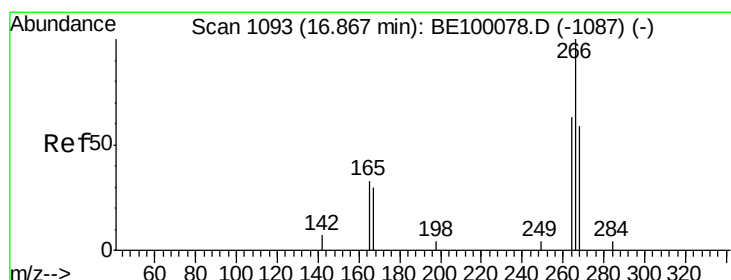
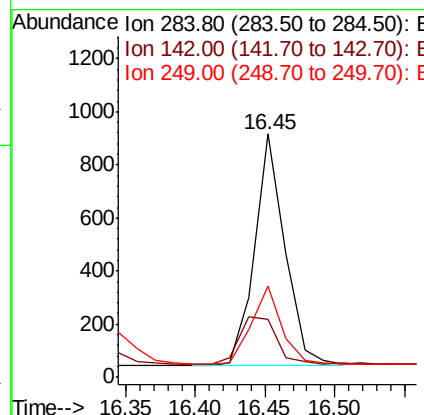
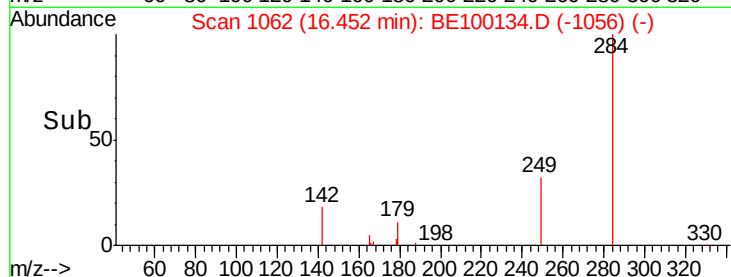
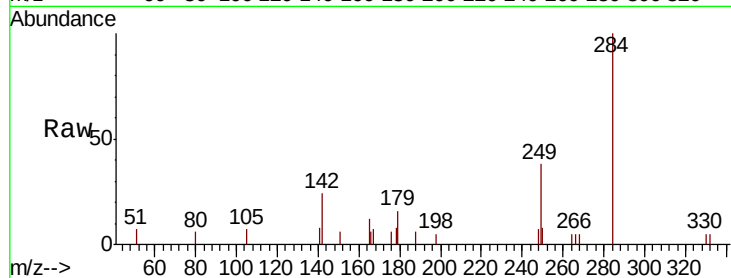
#21
Hexachlorobenzene
Concen: 0.290 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
284	100		
142	24.7	20.7	31.1
249	33.6	26.6	39.8

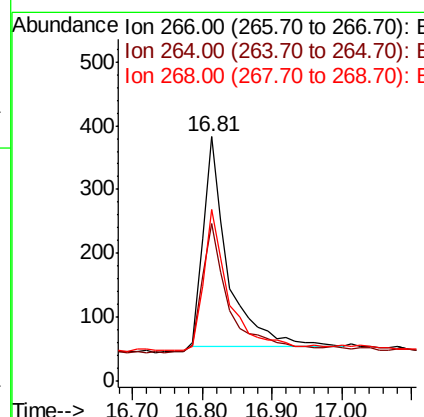
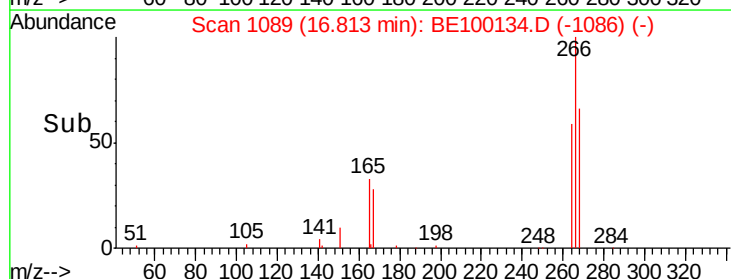
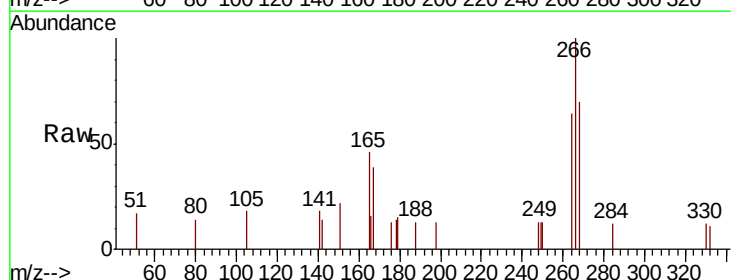
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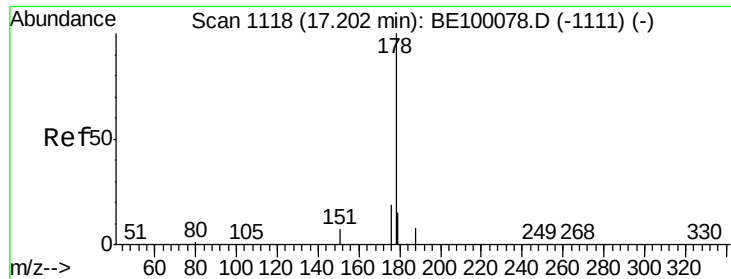
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#22
Pentachlorophenol
Concen: 0.782 ng
RT: 16.81 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.2	67.8	101.6#
268	70.0	70.0	105.0#





#23

Phenanthrene

Concen: 0.619 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

Instrument :

BNA_E

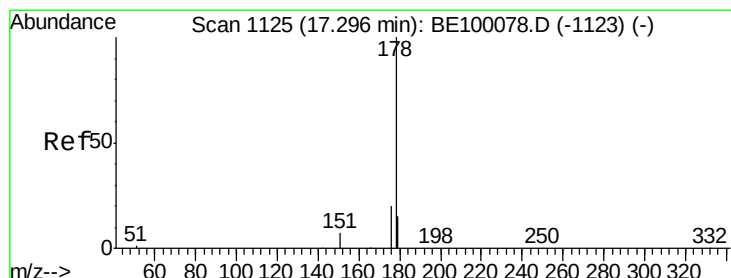
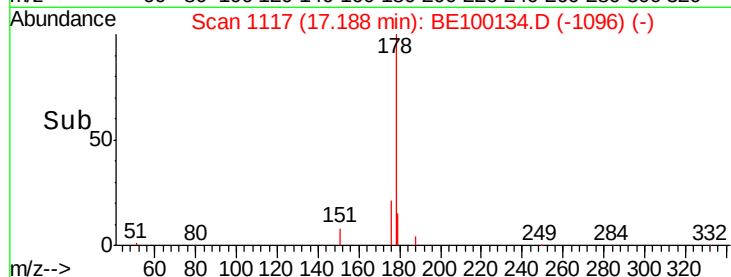
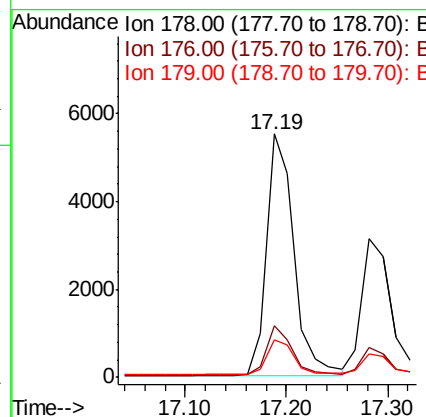
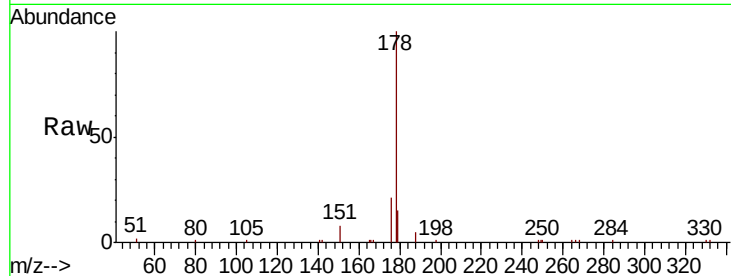
ClientSampleId :

PST-084-B045-061319MSD

Tot Ion:178	Resp:	10262
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.9 23.9
179	15.1	13.1 19.7

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#24

Anthracene

Concen: 0.421 ng

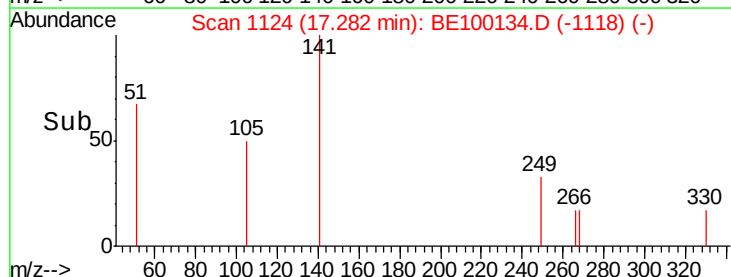
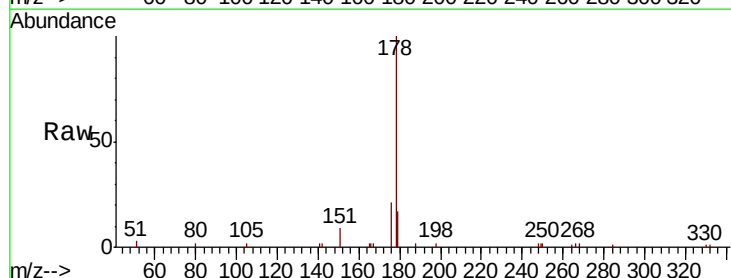
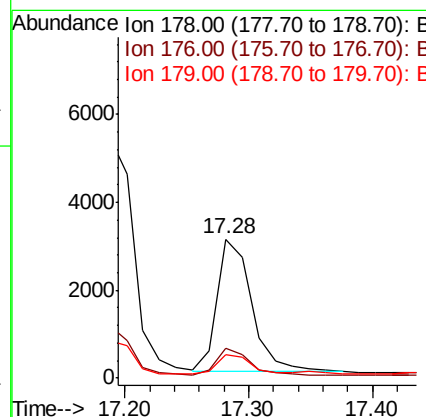
RT: 17.28 min Scan# 1124

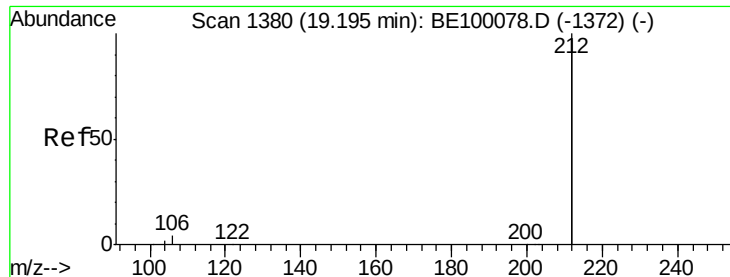
Delta R.T. -0.01 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

Tgt Ion:178	Resp:	5884
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.8 23.6
179	14.1	12.0 18.0





#25

Fluoranthene-d10

Concen: 0.032 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

Instrument :

BNA_E

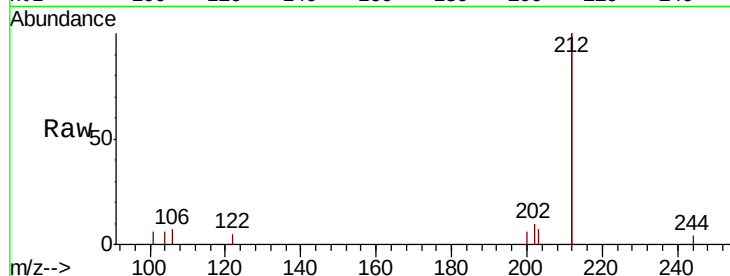
ClientSampleId :

PST-084-B045-061319MSD

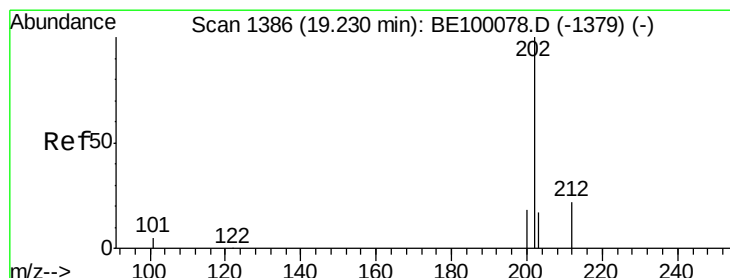
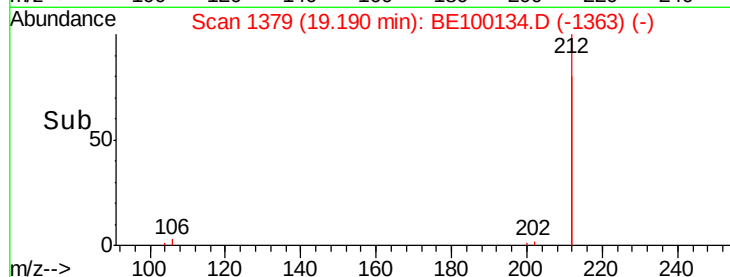
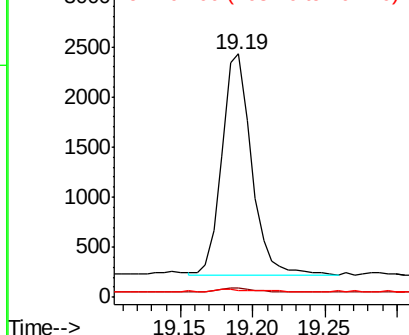
Tot Ion:	212	Resp:	3155
Ion Ratio	Lower	Upper	
212	100		
106	2.2	1.4	2.0#
104	1.1	0.8	1.2

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.689 ng

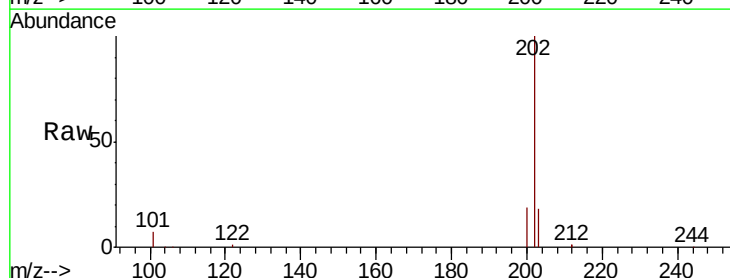
RT: 19.22 min Scan# 1384

Delta R.T. -0.01 min

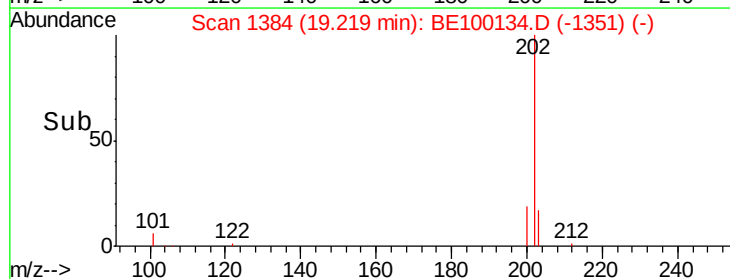
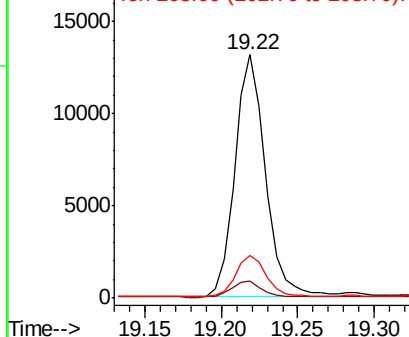
Lab File: BE100134.D

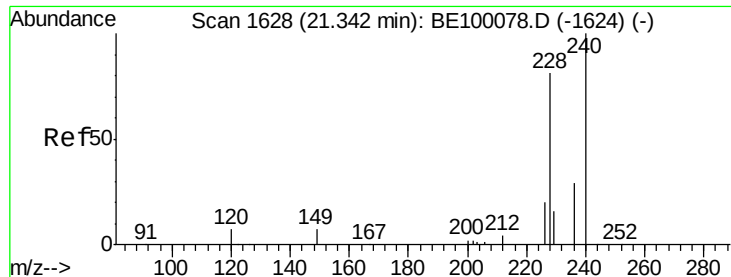
Acq: 21 Jun 2019 13:52

Tgt Ion:	202	Resp:	18336
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.0	7.4
203	17.2	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





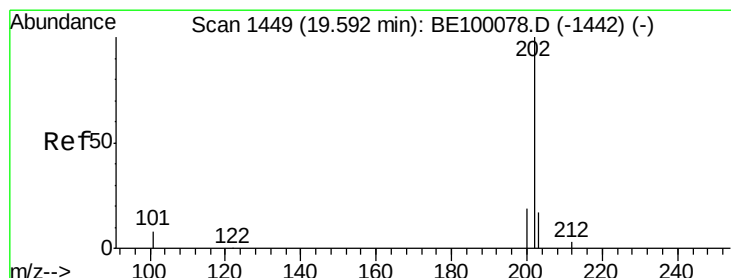
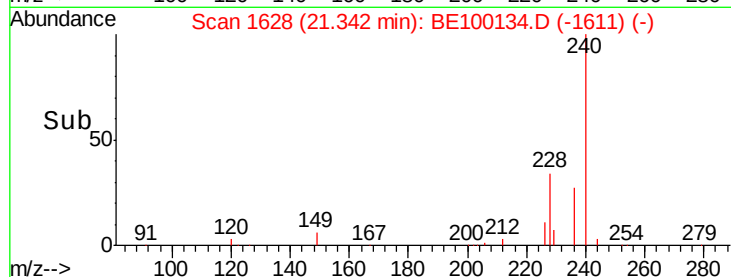
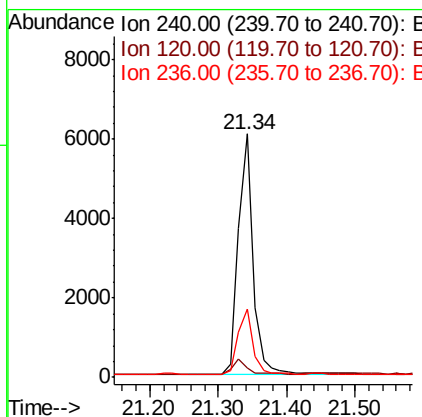
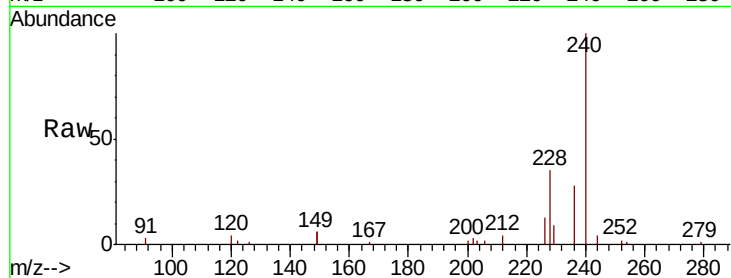
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.9	6.6	10.0#
236	28.2	23.8	35.6

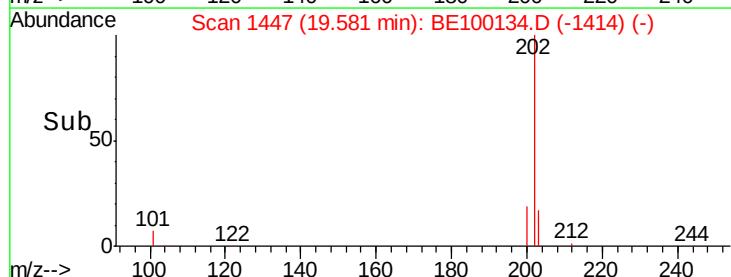
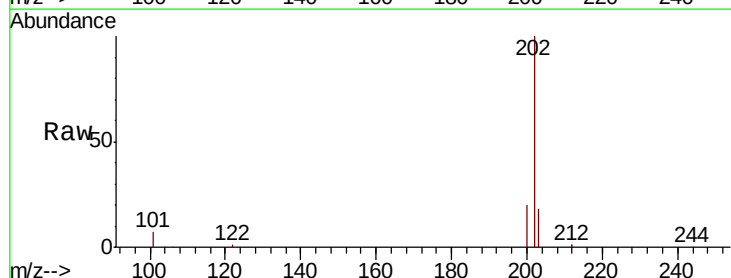
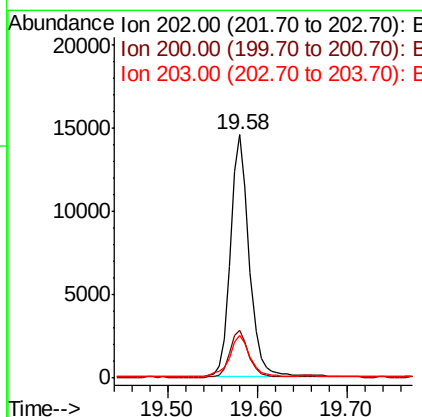
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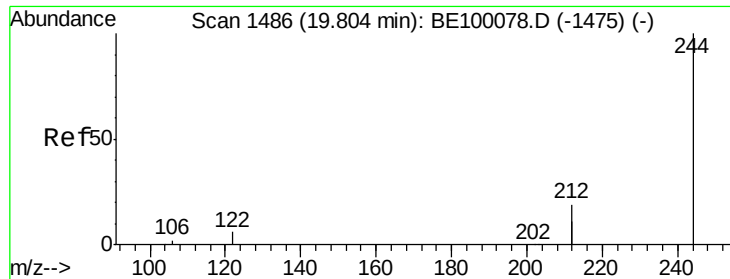
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#28
Pyrene
Concen: 0.875 ng
RT: 19.58 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	18.5	13.9	20.9





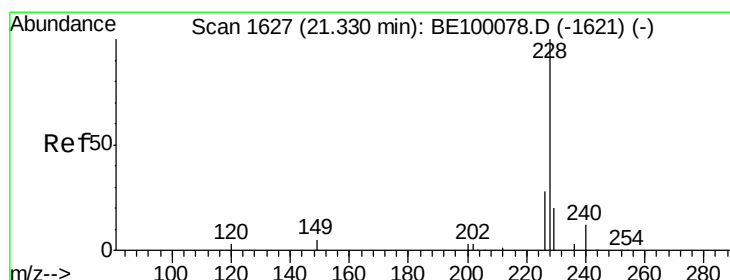
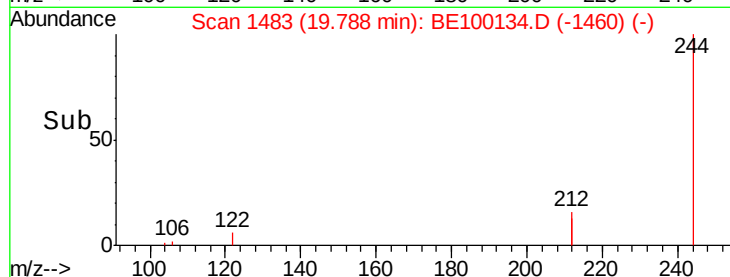
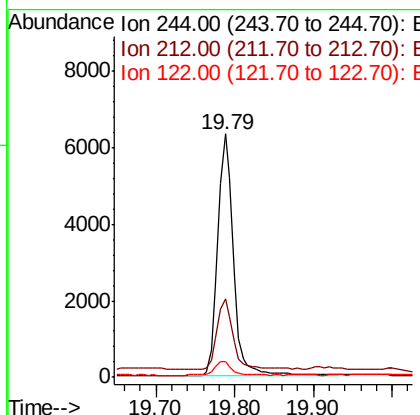
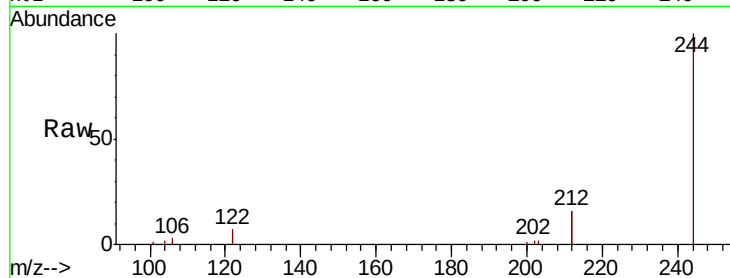
#29
 Terphenyl-d14
 Concen: 0.465 ng
 RT: 19.79 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BE100134.D
 Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	32.3	29.8	44.8
122	6.6	6.1	9.1

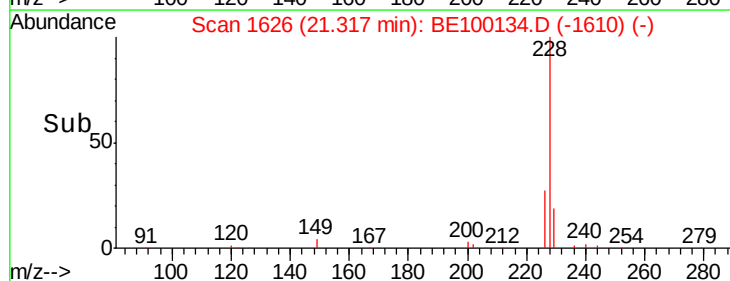
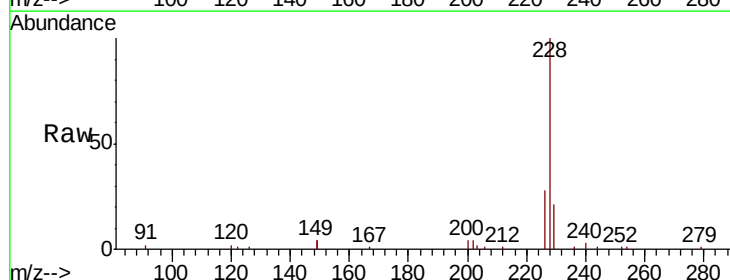
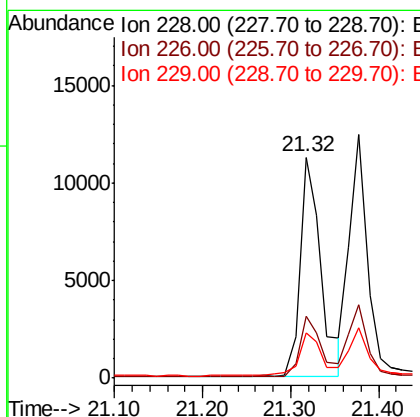
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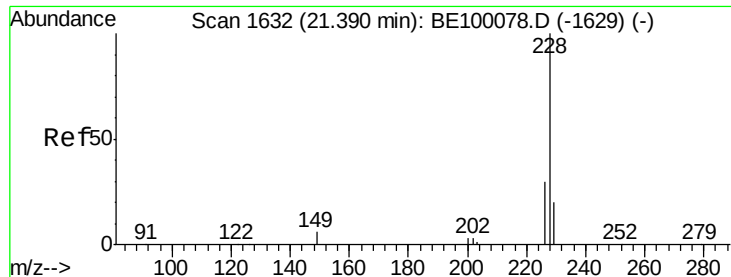
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.677 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BE100134.D
 Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.4
229	20.6	16.4	24.6





#31

Chrysene

Concen: 0.551 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

Instrument :

BNA_E

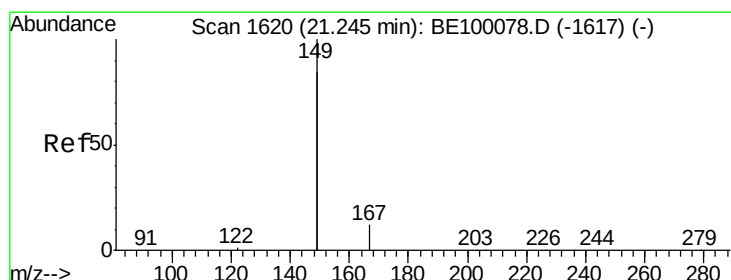
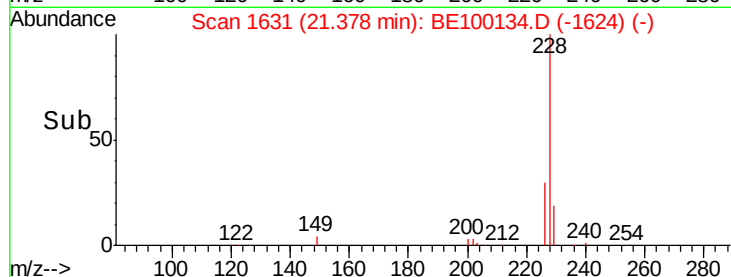
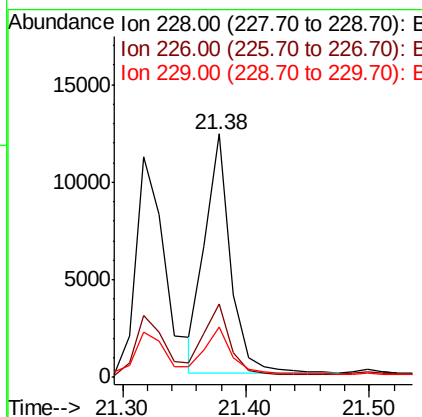
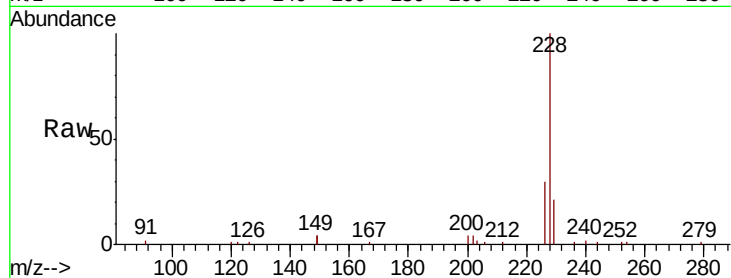
ClientSampleId :

PST-084-B045-061319MSD

Tot Ion:	228	Resp:	17669
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	20.9	16.3	24.5

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.807 ng

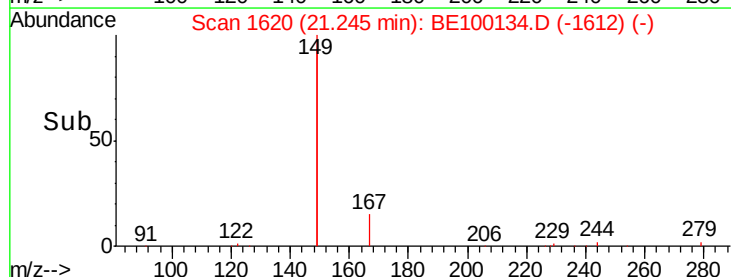
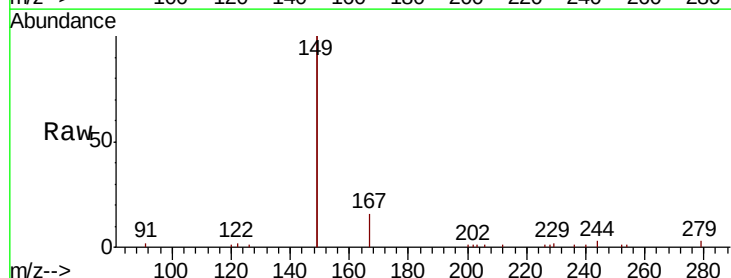
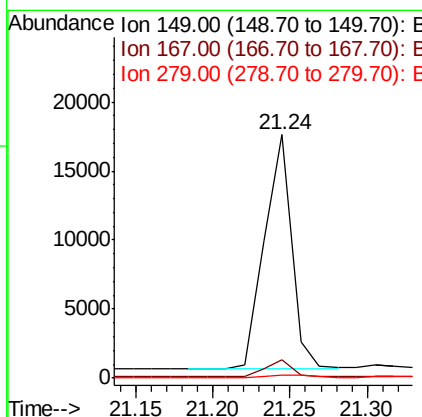
RT: 21.24 min Scan# 1620

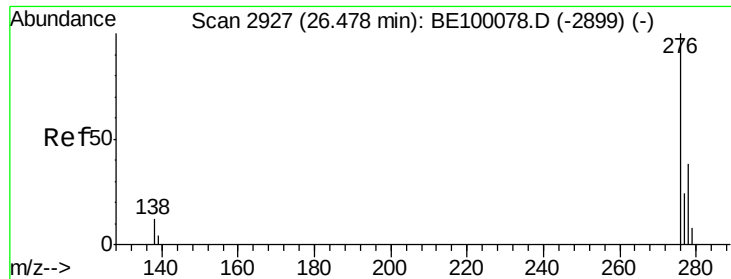
Delta R.T. -0.00 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

Tgt Ion:	149	Resp:	21022
Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.6
279	1.2	1.1	1.7





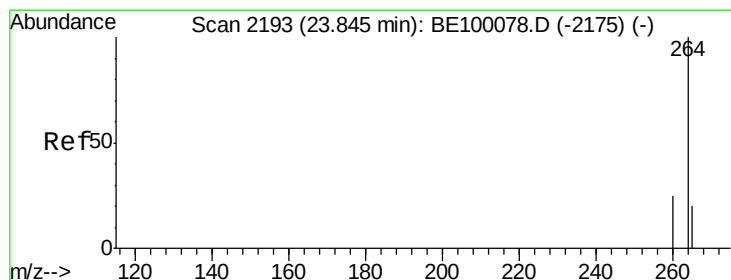
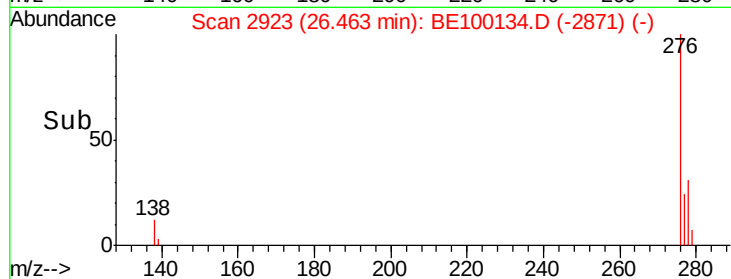
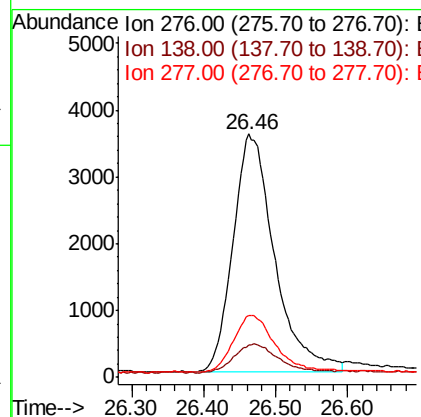
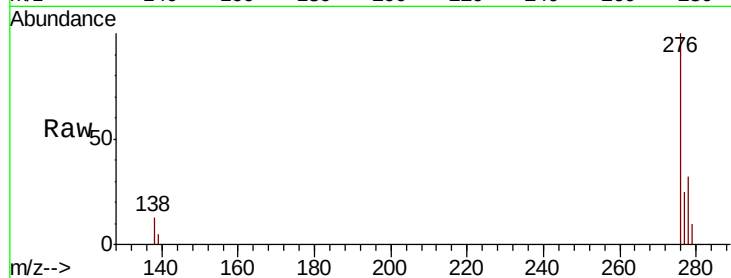
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.388 ng
 RT: 26.46 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BE100134.D
 Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.5	4.3	6.5#
277	23.8	19.4	29.0

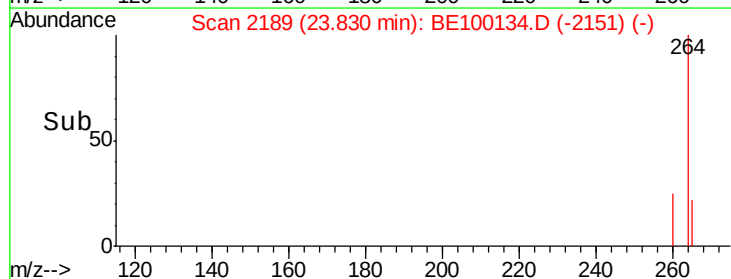
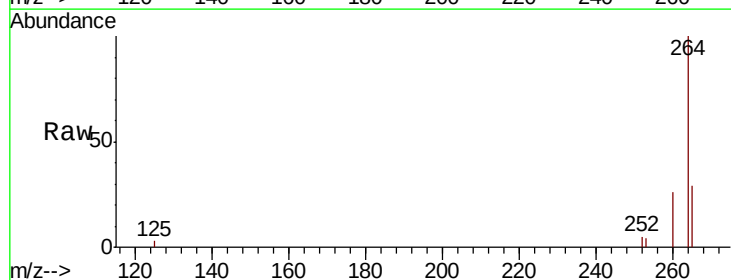
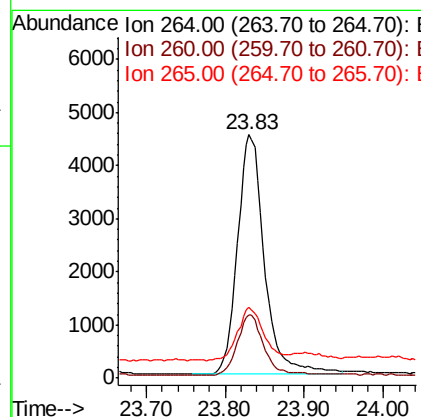
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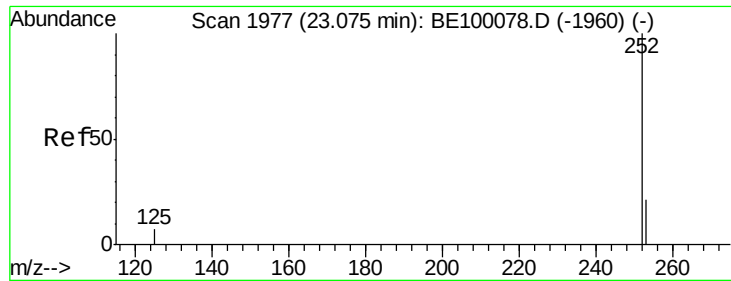
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BE100134.D
 Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.8	31.2
265	28.9	23.2	34.8





#35

Benzo(b)fluoranthene

Concen: 0.563 ng m

RT: 23.06 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

Instrument :

BNA_E

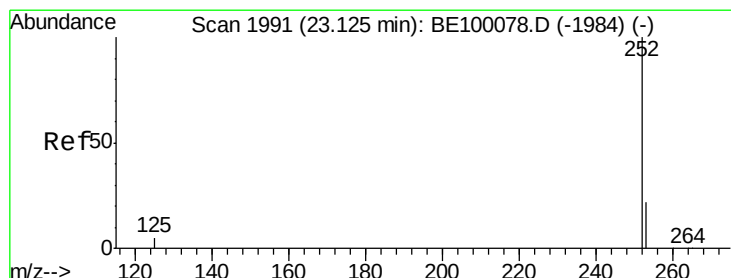
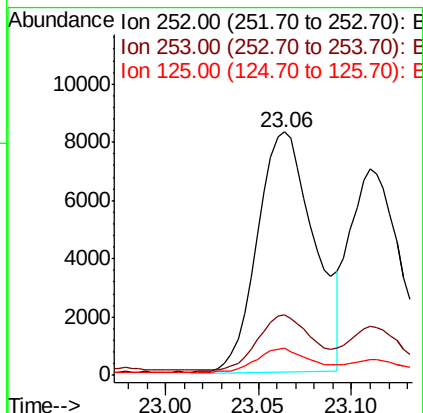
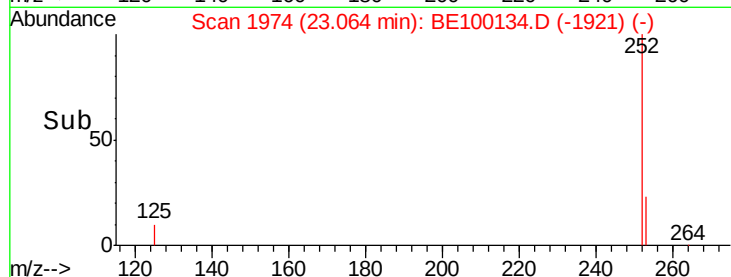
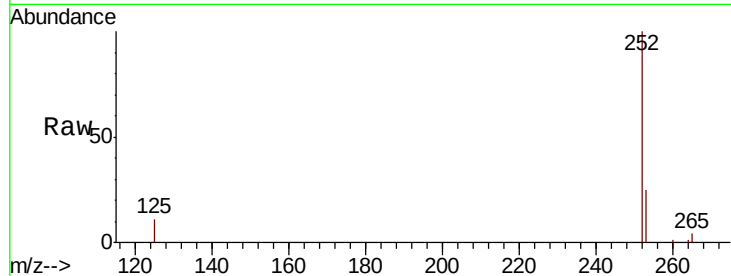
ClientSampleId :

PST-084-B045-061319MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.4	27.6
125	11.3	6.4	9.6

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#36

Benzo(k)fluoranthene

Concen: 0.396 ng

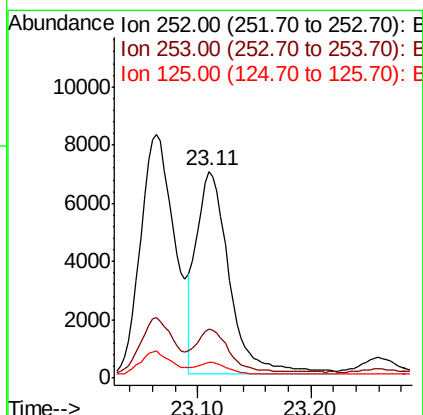
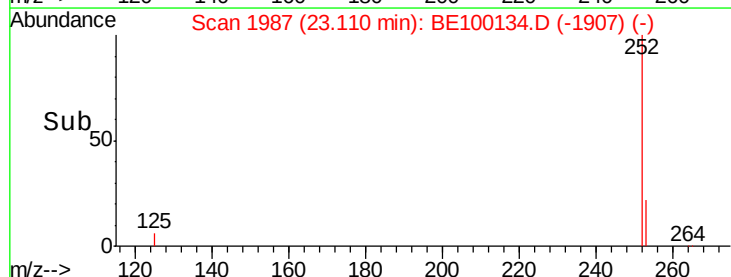
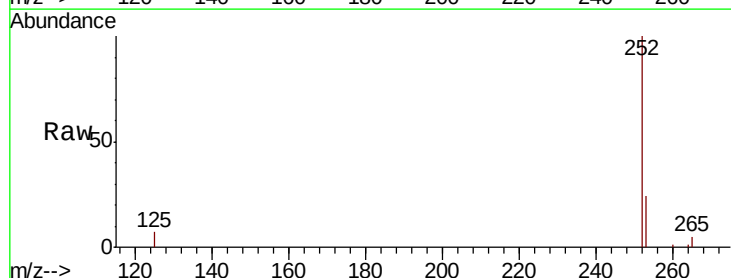
RT: 23.11 min Scan# 1987

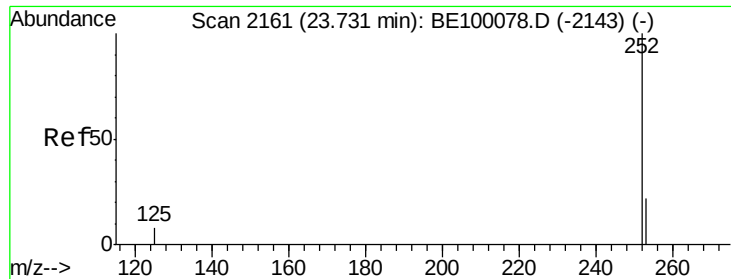
Delta R.T. -0.01 min

Lab File: BE100134.D

Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	7.3	5.3	7.9





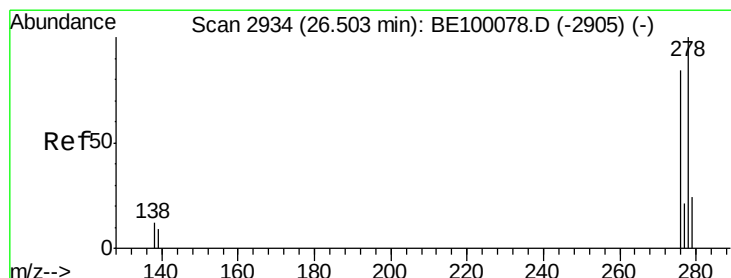
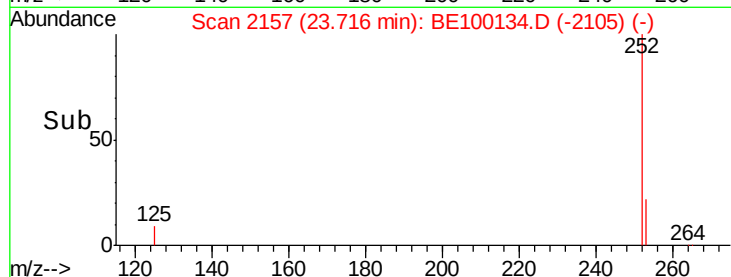
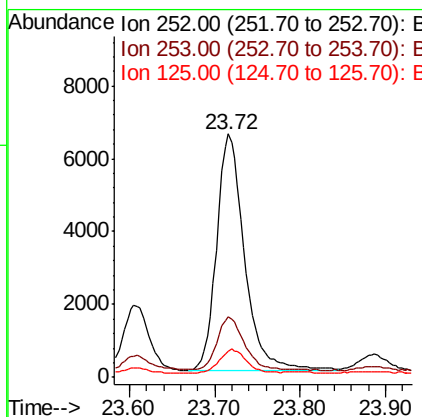
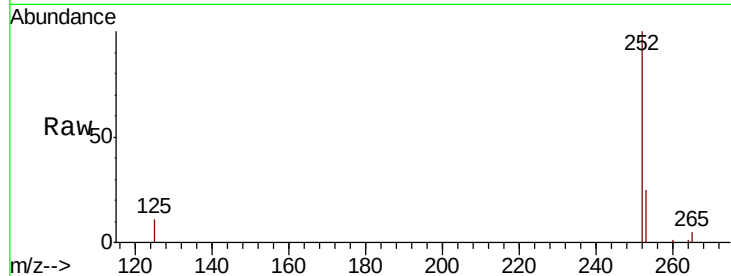
#37
Benzo(a)pyrene
Concen: 0.486 ng
RT: 23.72 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.2
125	10.8	8.0	12.0

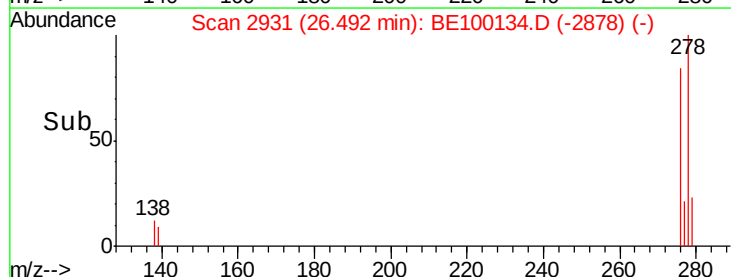
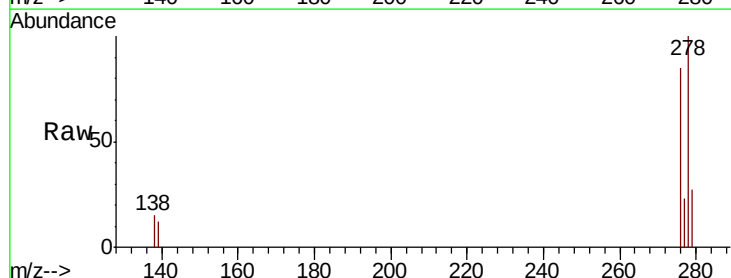
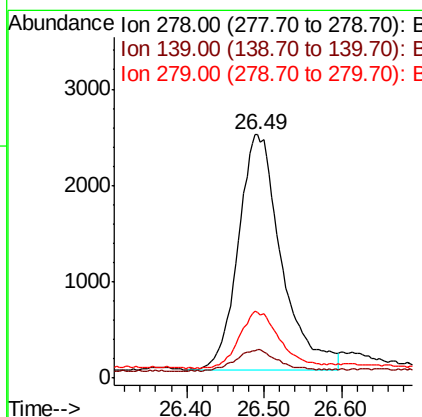
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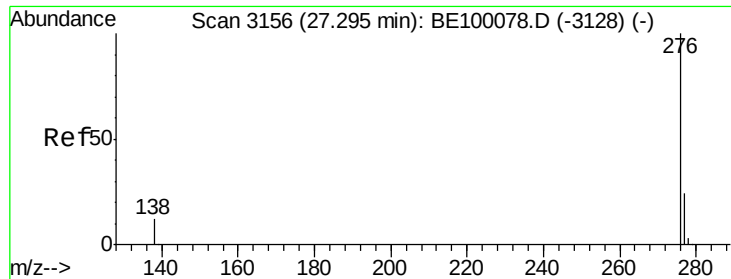
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#38
Dibenzo(a,h)anthracene
Concen: 0.304 ng
RT: 26.49 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BE100134.D
Acq: 21 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.0	13.6
279	27.1	21.4	32.0





#39

Benzo(a,h,i)perylene

Concen: 0.410 ng

RT: 27.28 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BE100134.D

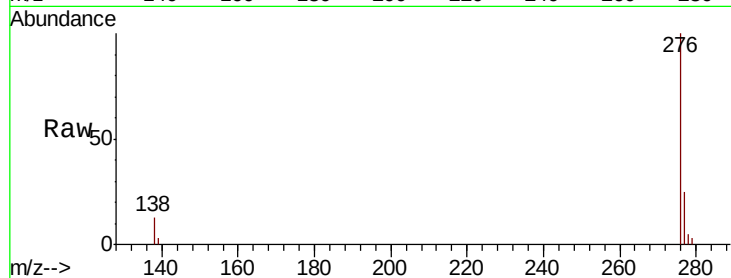
Acq: 21 Jun 2019 13:52

Instrument :

BNA_E

ClientSampleId :

PST-084-B045-061319MSD



Tot Ion:	276	Resp:	13262
Ion Ratio	Lower	Upper	
276	100		
277	25.2	20.3	30.5
138	13.0	11.3	16.9

Manual Integrations
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