

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099455.D
 Acq On : 1 May 2019 9:41
 Operator : JU/SJ
 Sample : K2587-16MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B162-042319MS

Manual Integrations
 APPROVED

Sohil
 5/2/2019 4:47:13 PM

Quant Time: May 02 07:44:30 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 29 18:36:43 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2222	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8018	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5704	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18480	0.40	ng	0.00
27) Chrysene-d12	21.37	240	26320	0.40	ng	0.00
34) Perylene-d12	23.86	264	30149	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	1901	0.31	ng	0.00
5) Phenol-d6	6.97	99	2590	0.32	ng	0.00
8) Nitrobenzene-d5	8.97	82	2136	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	3854m	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1124	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	5702	0.26	ng	-0.01
25) Fluoranthene-d10	19.22	212	65816	0.26	ng	0.00
29) Terphenyl-d14	19.81	244	13139	0.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	638	0.209	ng	# 55
3) n-Nitrosodimethylamine	3.63	42	531	0.288	ng	# 93
6) bis(2-Chloroethyl)ether	7.24	93	1843	0.261	ng	96
9) Naphthalene	10.65	128	25892	0.296	ng	99
10) Hexachlorobutadiene	10.93	225	1485	0.244	ng	99
12) 2-Methylnaphthalene	12.27	142	4480	0.295	ng	94
16) Acenaphthylene	14.17	152	8252	0.296	ng	98
17) Acenaphthene	14.52	154	4890	0.307	ng	99
18) Fluorene	15.49	166	7132	0.303	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	2733	0.254	ng	95
21) Hexachlorobenzene	16.49	284	2772	0.270	ng	99
22) Pentachlorophenol	16.84	266	1441	0.449	ng	99
23) Phenanthrene	17.23	178	22800	0.478	ng	99
24) Anthracene	17.32	178	14613	0.322	ng	99
26) Fluoranthene	19.25	202	37284	0.522	ng	100
28) Pyrene	19.61	202	36834	0.537	ng	99
30) Benzo(a)anthracene	21.34	228	35624	0.425	ng	98
31) Chrysene	21.40	228	34618	0.422	ng	98
32) Bis(2-ethylhexyl)phthalate	21.26	149	41458	0.279	ng	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	32924	0.339	ng	99
35) Benzo(b)fluoranthene	23.09	252	34502m	0.397	ng	
36) Benzo(k)fluoranthene	23.14	252	29536	0.352	ng	# 98
37) Benzo(a)pyrene	23.75	252	31020	0.377	ng	99
38) Dibenzo(a,h)anthracene	26.53	278	24626	0.293	ng	99
39) Benzo(g,h,i)perylene	27.32	276	28070	0.333	ng	98

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

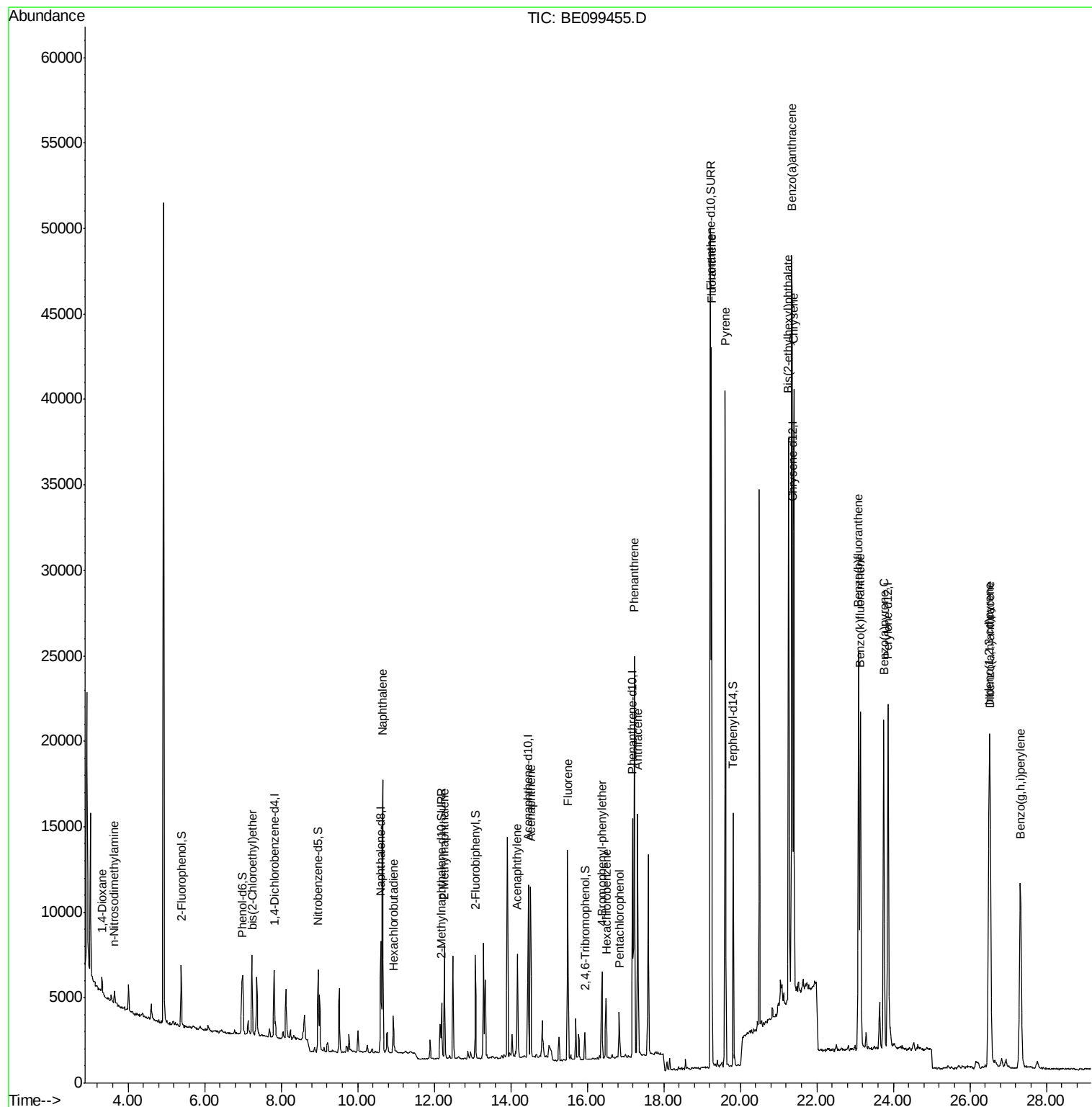
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

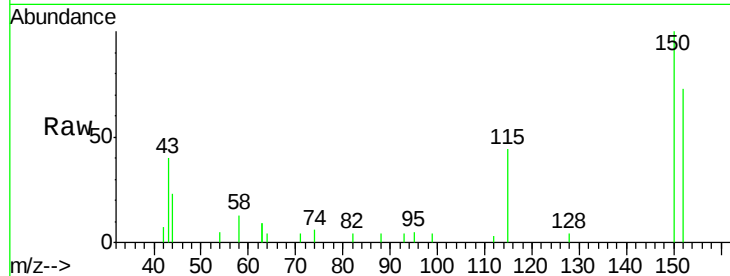




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099455.D
Acq: 1 May 2019 9:41

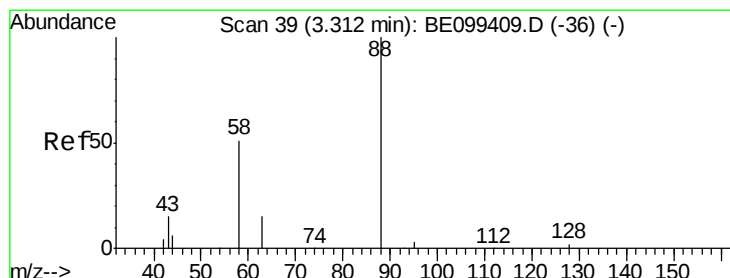
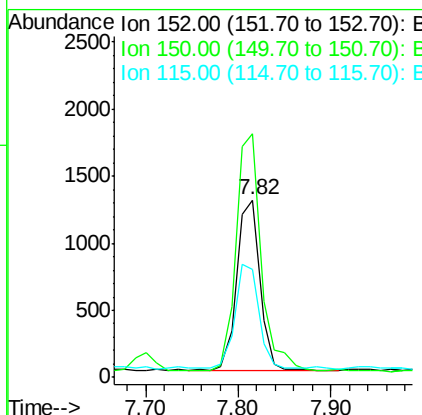
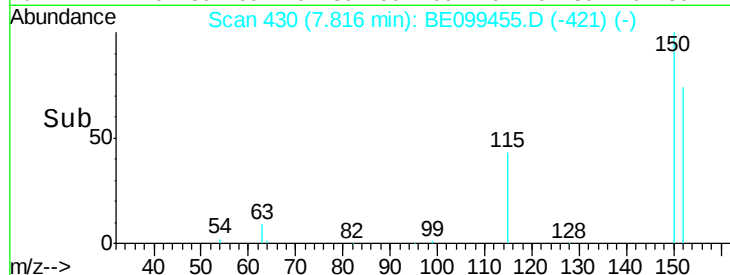
Instrument :
BNA_E
ClientSampleId :
PST-004-B162-042319MS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	137.5	104.8	157.2
115	60.9	46.6	69.8

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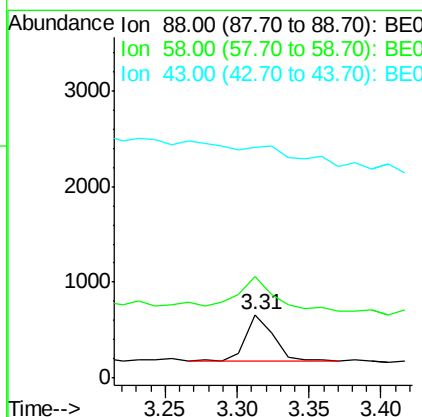
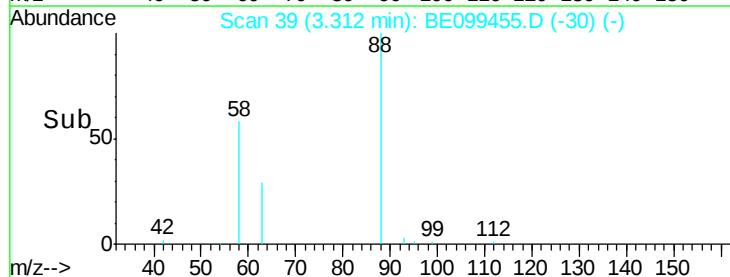
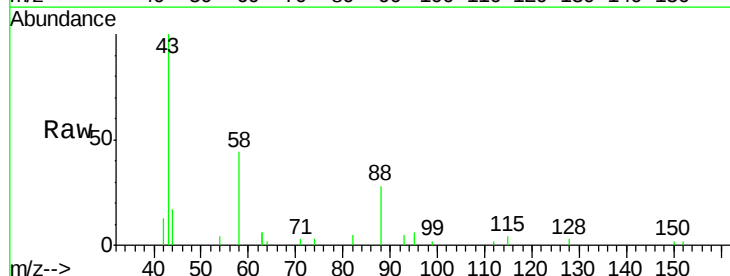
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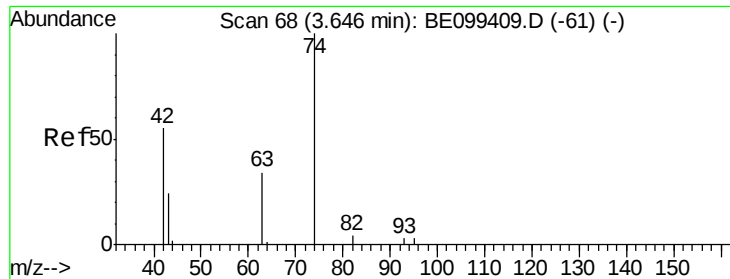


#2

1,4-Dioxane
Concen: 0.209 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099455.D
Acq: 1 May 2019 9:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.2	51.0	76.6#
43	0.0	20.6	30.8#





#3

n-Nitrosodimethylamine

Concen: 0.288 ng

RT: 3.63 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

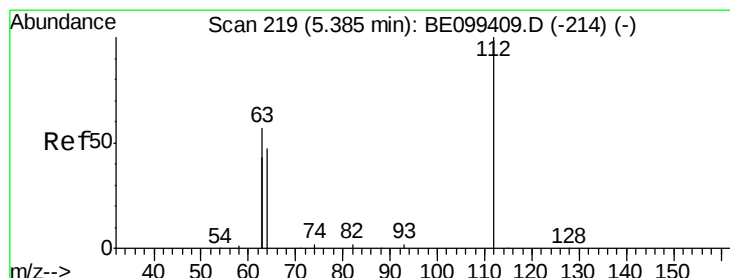
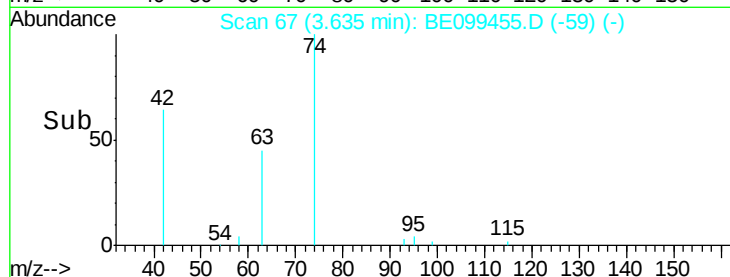
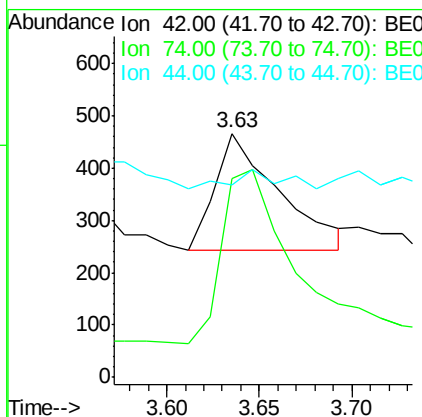
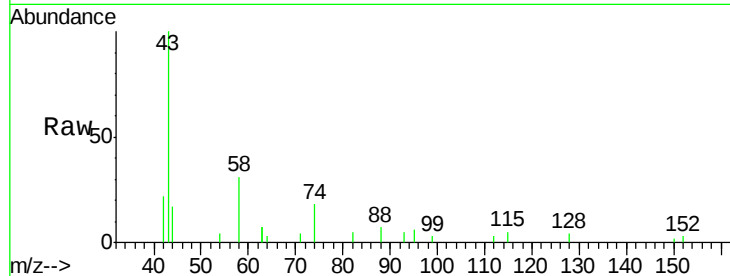
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	42	Resp:	531
Ion Ratio	Lower	Upper	
42	100		
74	166.5	141.6	212.4
44	12.4	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.309 ng

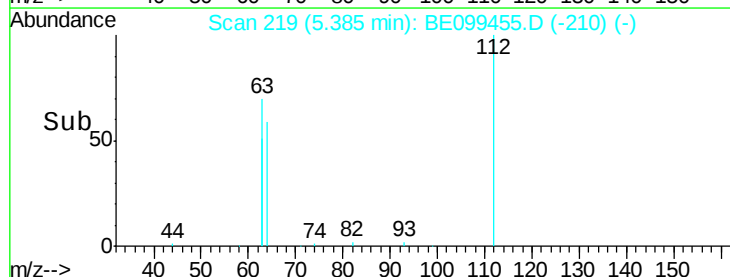
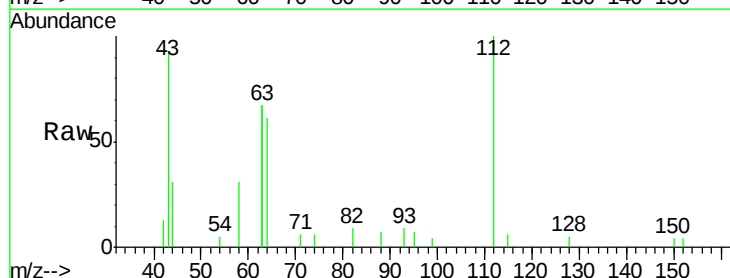
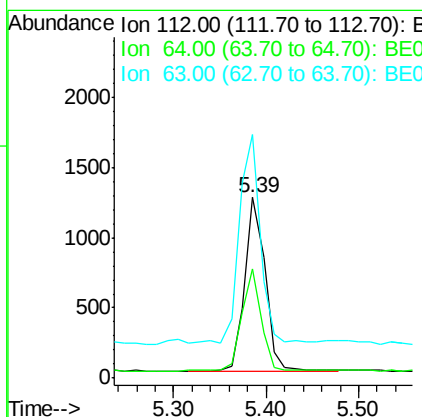
RT: 5.39 min Scan# 219

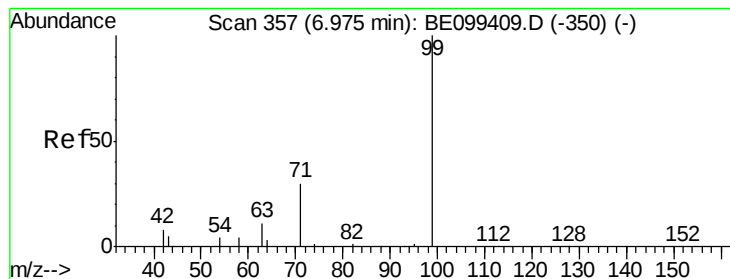
Delta R.T. 0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Tgt Ion:	112	Resp:	1901
Ion Ratio	Lower	Upper	
112	100		
64	55.5	47.4	71.0
63	120.4	104.3	156.5





#5

Phenol-d6

Concen: 0.317 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

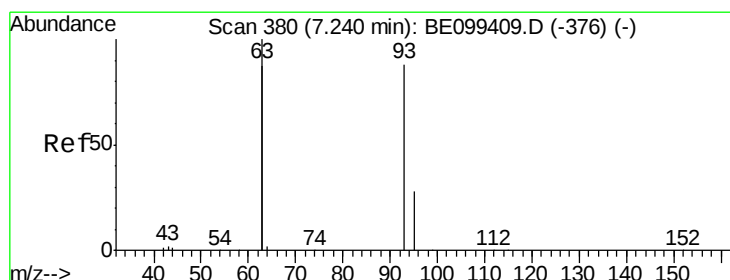
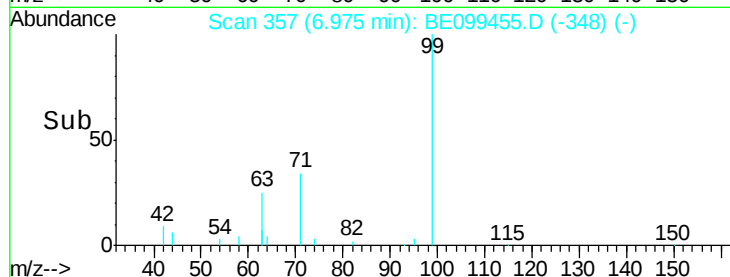
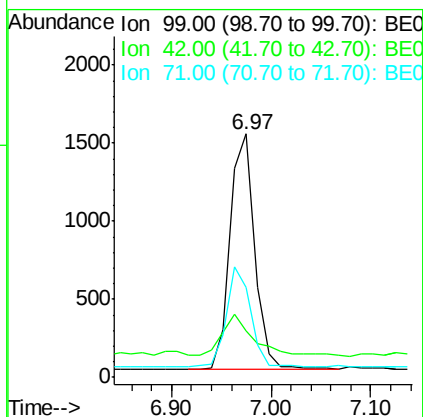
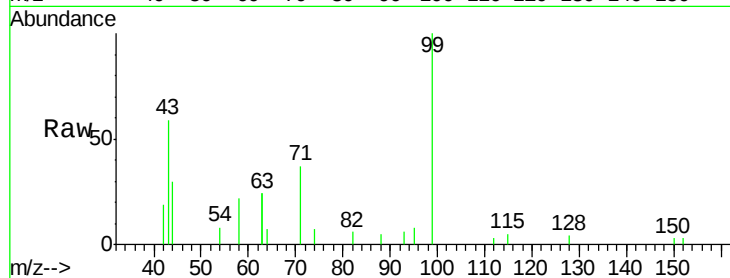
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	99	Resp:	2590
Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.9	22.3
71	42.7	33.0	49.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.261 ng

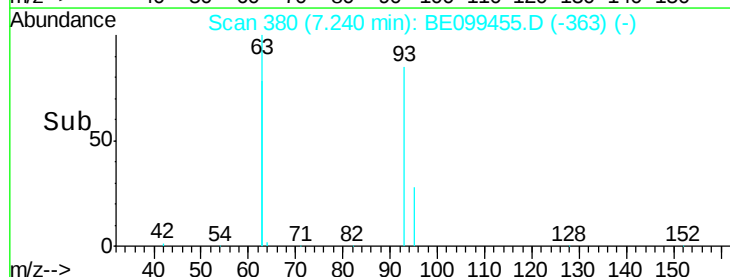
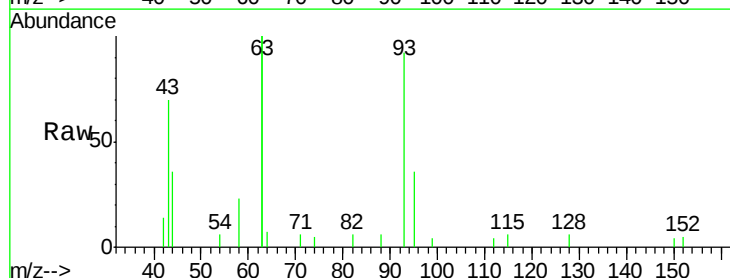
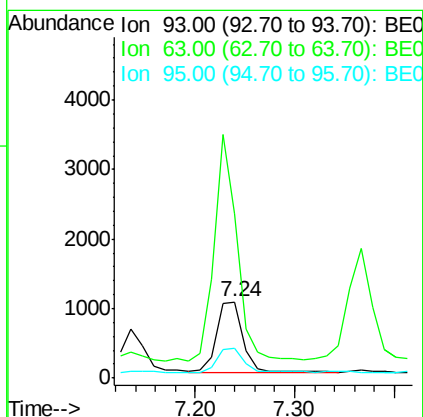
RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Tgt Ion:	93	Resp:	1843
Ion	Ratio	Lower	Upper
93	100		
63	276.2	215.6	323.4
95	36.0	26.2	39.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

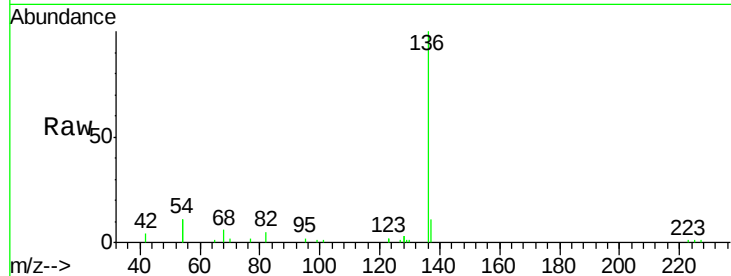
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PST-004-B162-042319MS

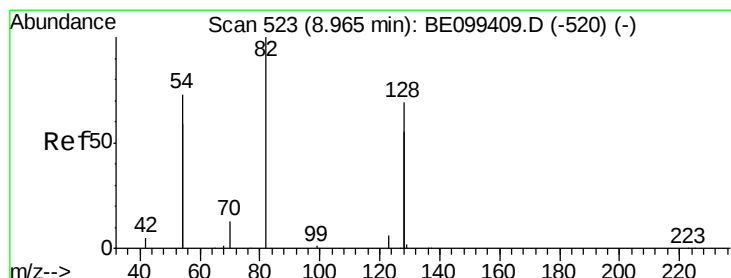
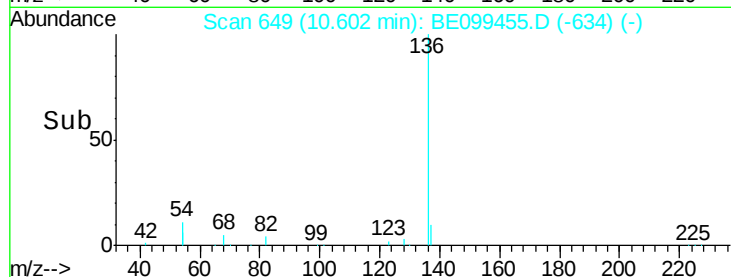
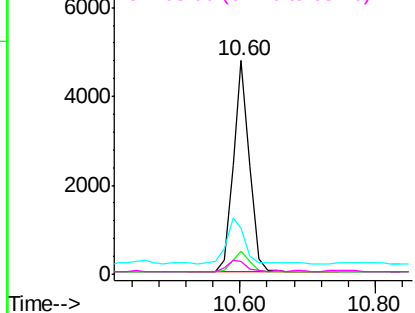
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	8018		
137	11.0	9.8	14.8	
54	21.5	18.5	27.7	
68	6.2	4.7	7.1	

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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): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.284 ng

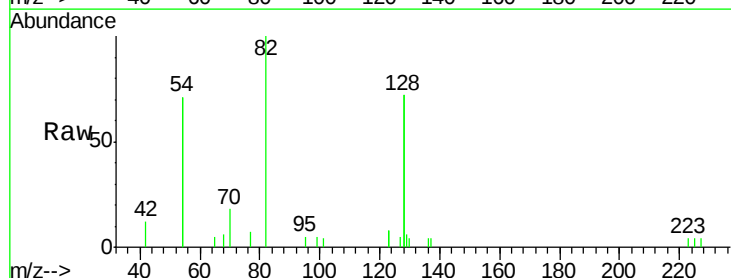
RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

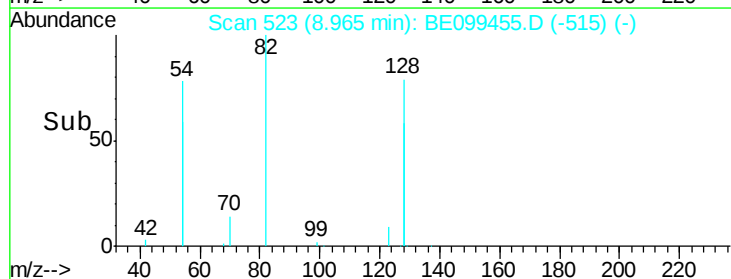
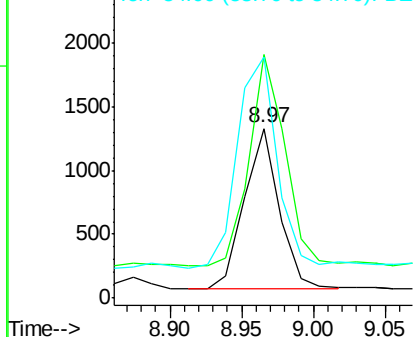
Lab File: BE099455.D

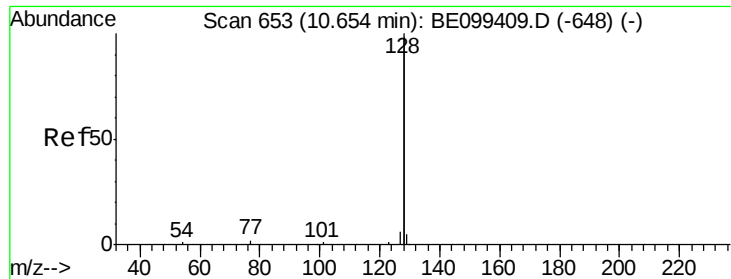
Acq: 1 May 2019 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	2136		
128	143.7	107.0	160.4	
54	142.5	113.1	169.7	



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.296 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

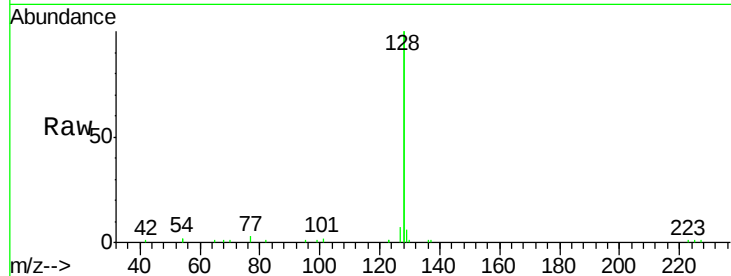
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PST-004-B162-042319MS

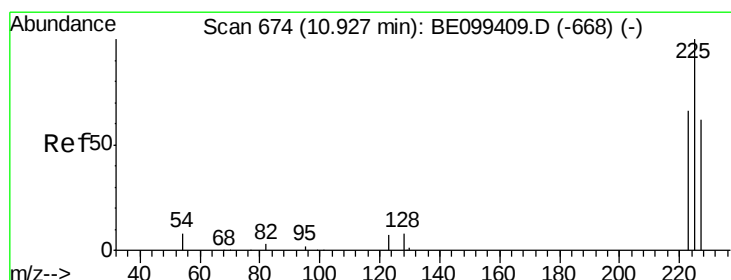
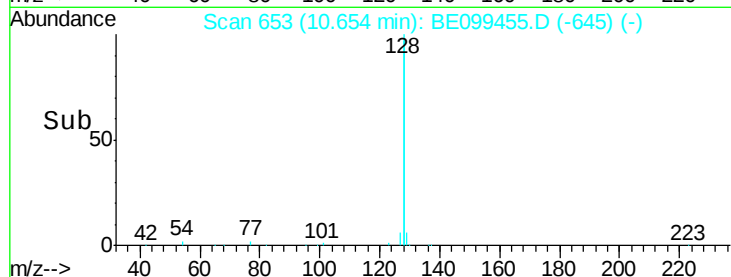
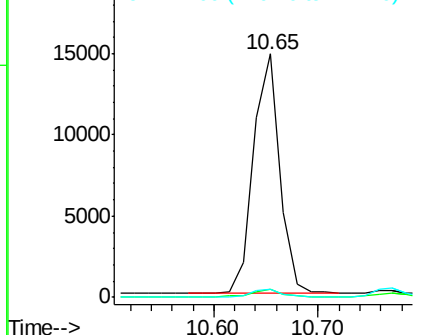
Tgt Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.4	3.6
127	3.3	2.8	4.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.244 ng

RT: 10.93 min Scan# 674

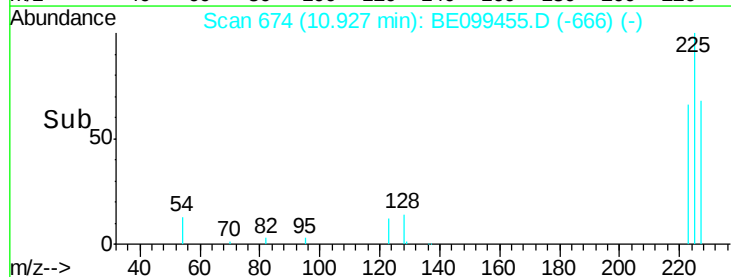
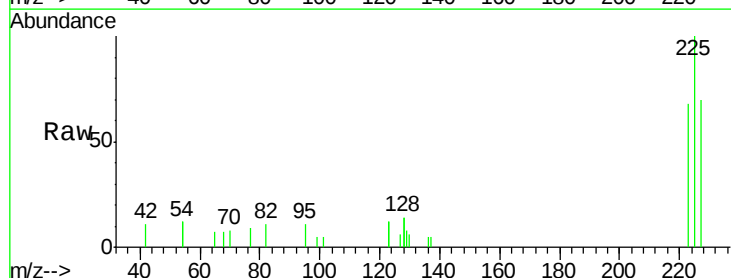
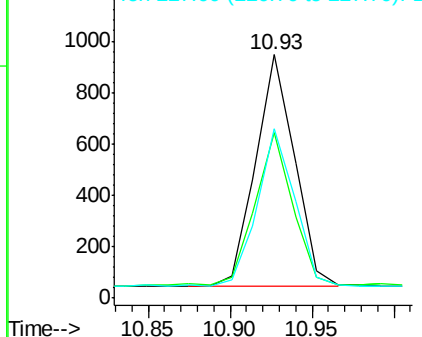
Delta R.T. 0.00 min

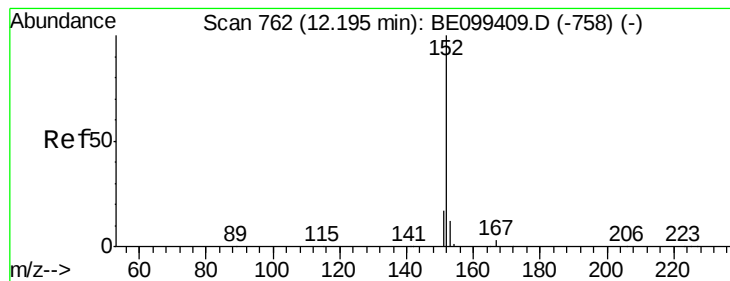
Lab File: BE099455.D

Acq: 1 May 2019 9:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	64.6	50.9	76.3

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





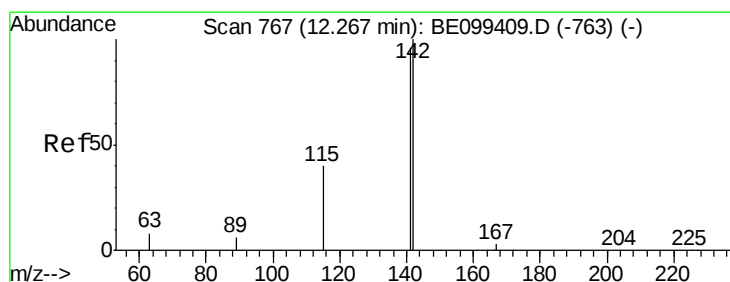
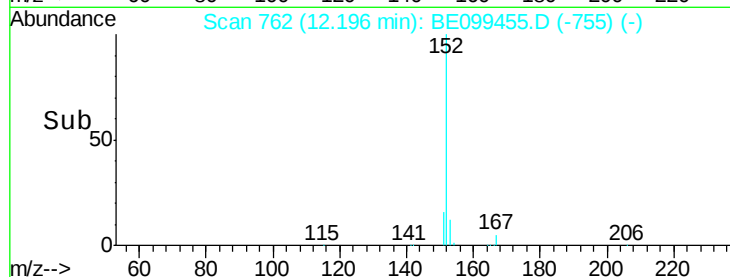
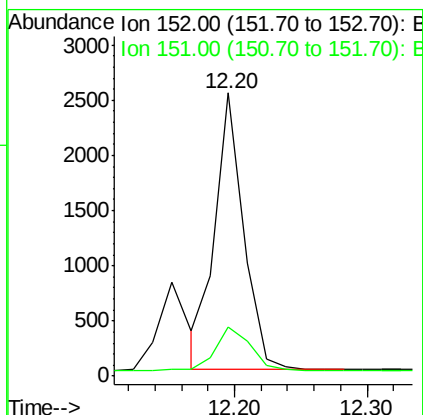
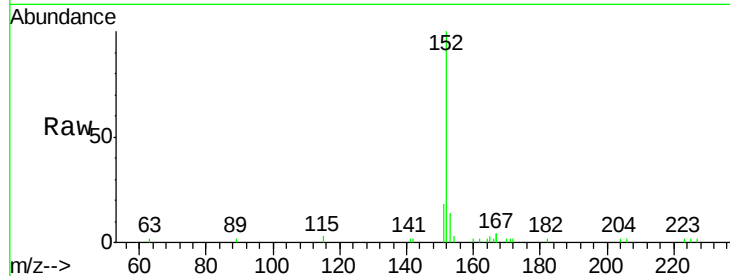
#11
 2-Methylnaphthalene-d10
 Concen: 0.267 ng m
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099455.D
 Acq: 1 May 2019 9:41

Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B162-042319MS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3

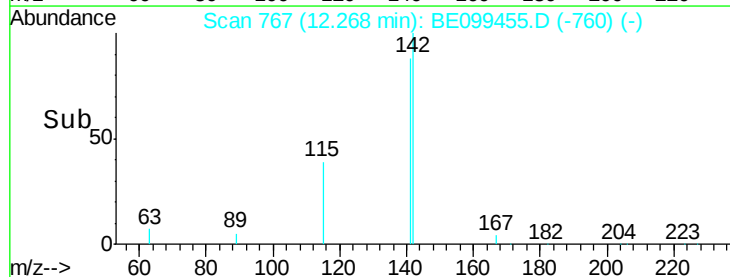
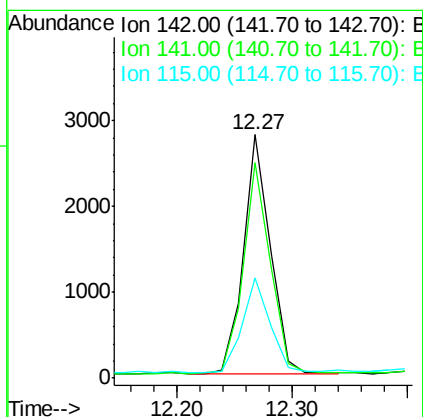
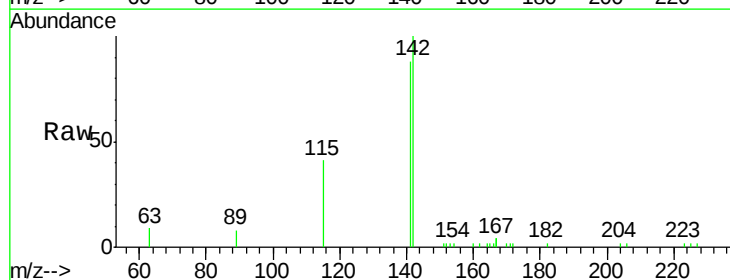
Manual Integrations
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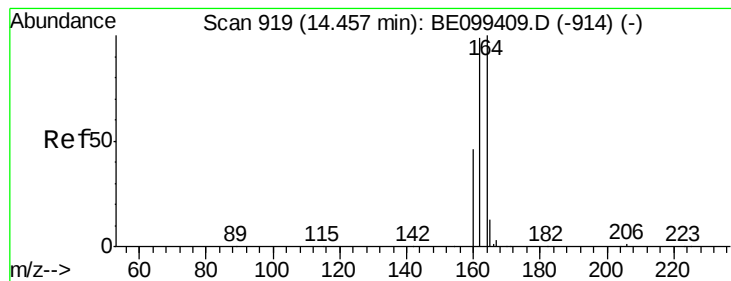
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#12
 2-Methylnaphthalene
 Concen: 0.295 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE099455.D
 Acq: 1 May 2019 9:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	77.0	115.4
115	41.0	33.4	50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

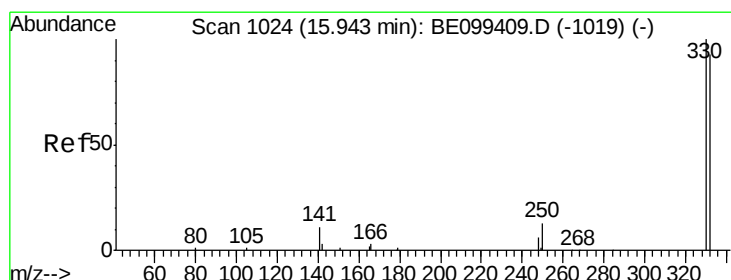
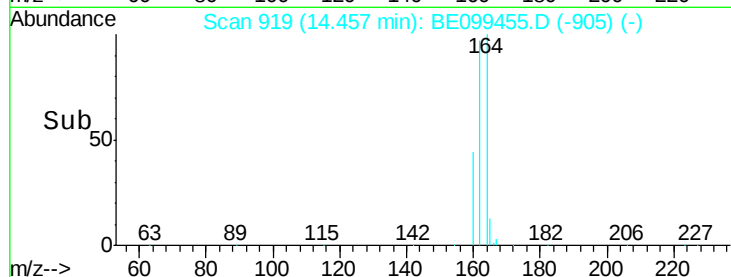
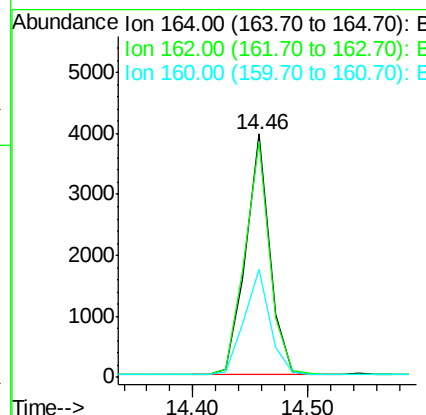
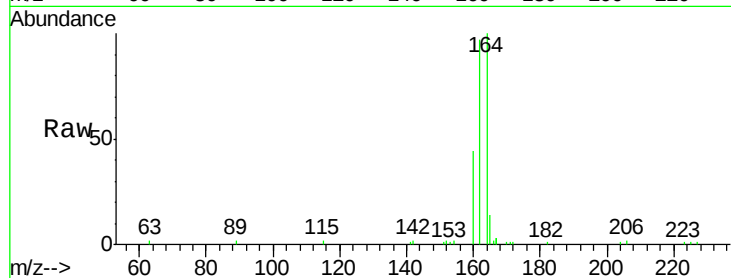
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	164	Resp:	5704
Ion Ratio	Lower	Upper	
164	100		
162	96.9	79.0	118.4
160	44.2	37.0	55.4

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#14

2,4,6-Tribromophenol

Concen: 0.313 ng

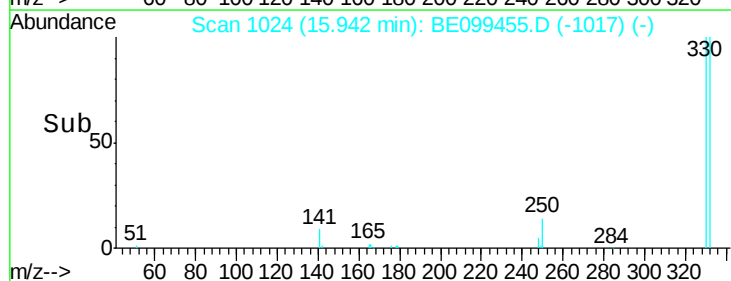
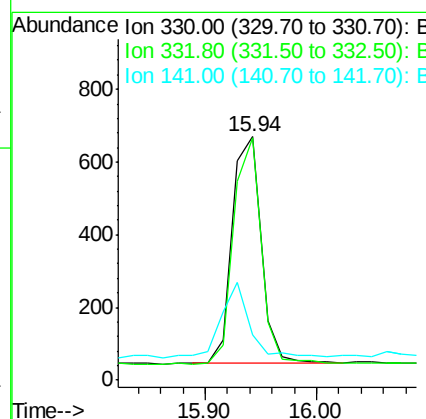
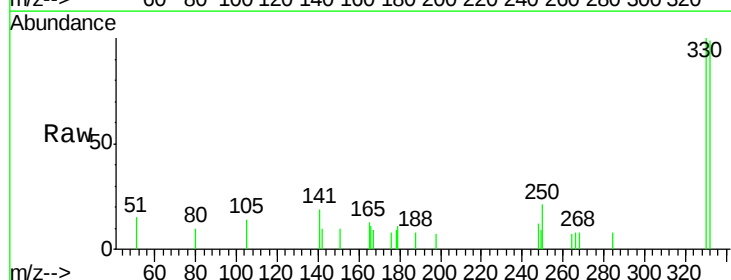
RT: 15.94 min Scan# 1024

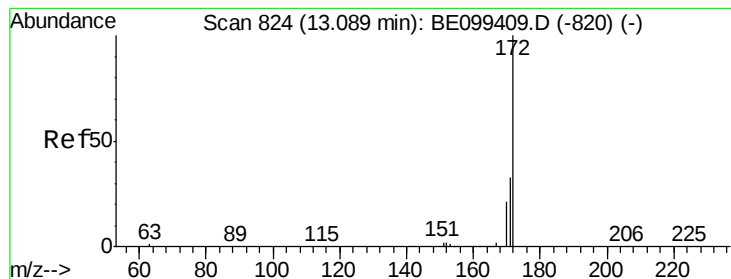
Delta R.T. -0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Tgt Ion:	330	Resp:	1124
Ion Ratio	Lower	Upper	
330	100		
332	94.8	71.5	107.3
141	31.1	24.0	36.0





#15

2-Fluorobiphenyl

Concen: 0.262 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

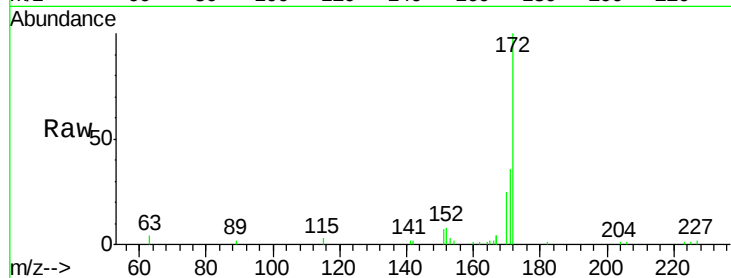
ClientSampleId :

PST-004-B162-042319MS

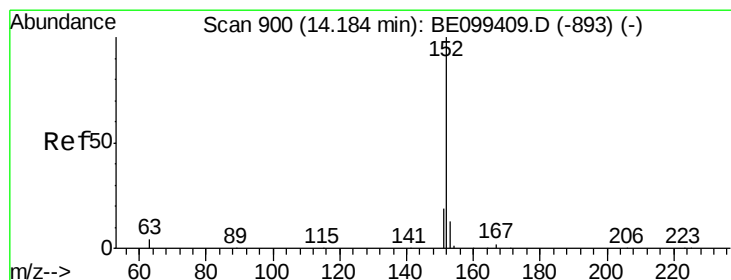
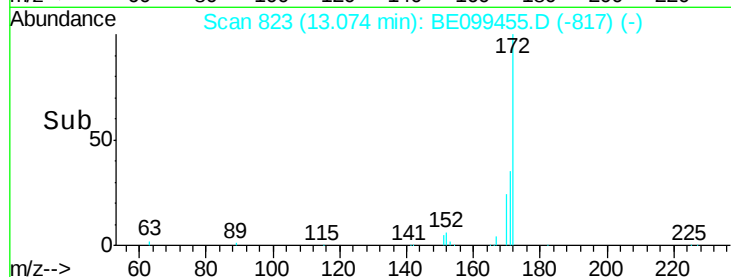
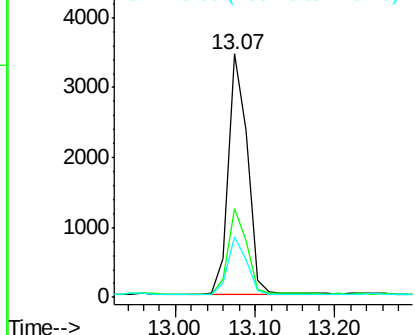
Tgt Ion:	172	Resp:	5702
Ion Ratio	Lower	Upper	
172	100		
171	36.2	26.6	39.8
170	25.1	17.0	25.6

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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: 0.296 ng

RT: 14.17 min Scan# 899

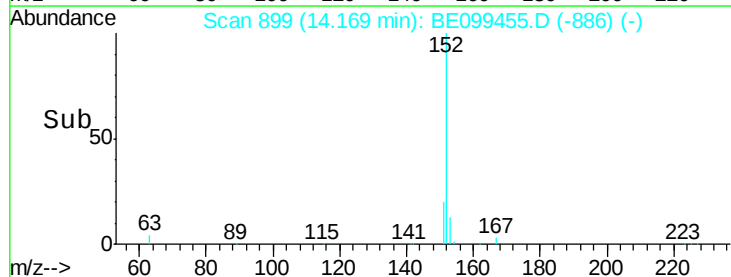
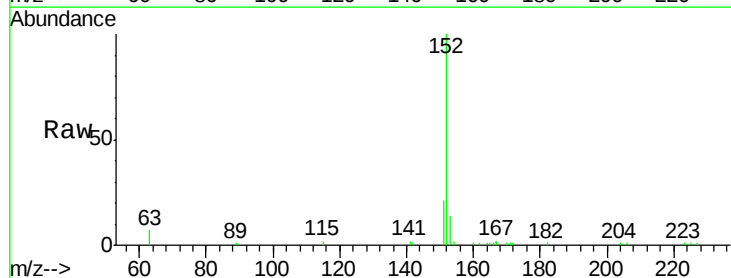
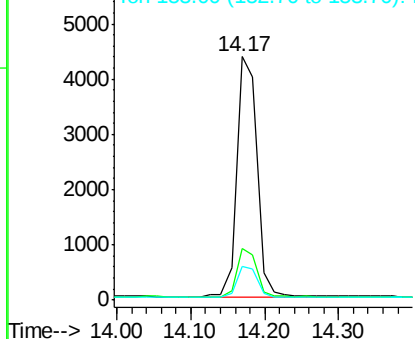
Delta R.T. -0.01 min

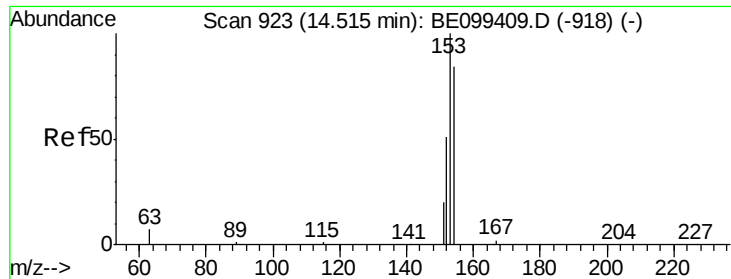
Lab File: BE099455.D

Acq: 1 May 2019 9:41

Tgt Ion:	152	Resp:	8252
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.4	23.2
153	12.9	9.8	14.6

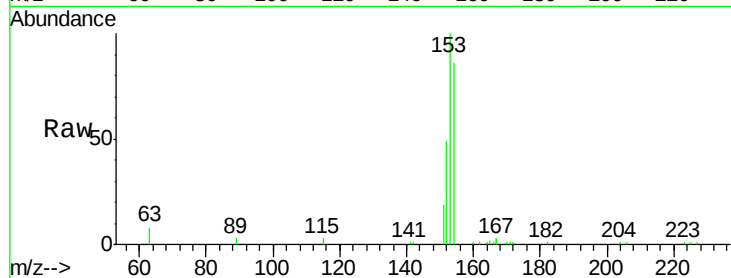
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17
Acenaphthene
Concen: 0.307 ng
RT: 14.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099455.D
Acq: 1 May 2019 9:41

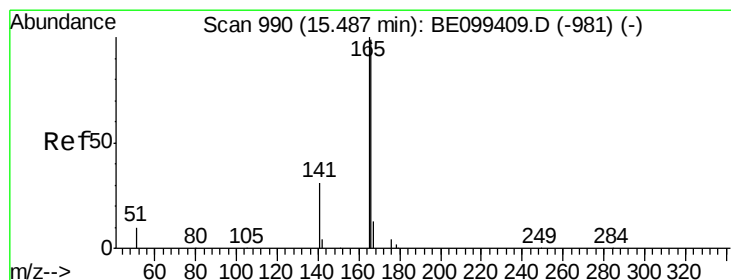
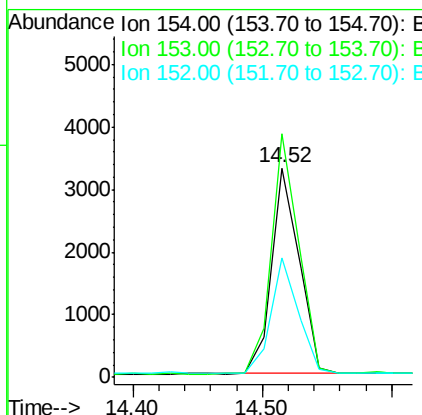
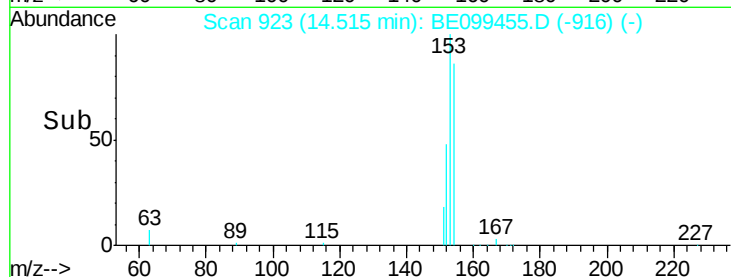
Instrument :
BNA_E
ClientSampleId :
PST-004-B162-042319MS



Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.5	92.6	138.8
152	56.4	45.8	68.8

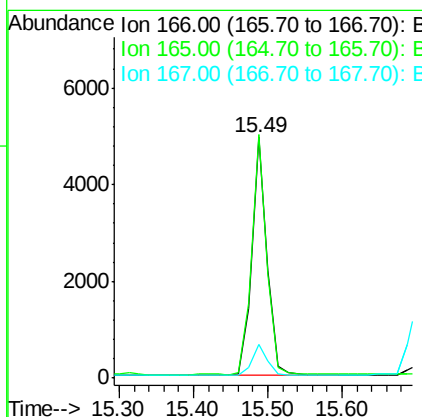
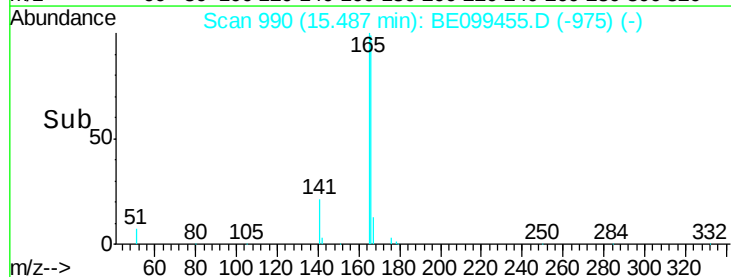
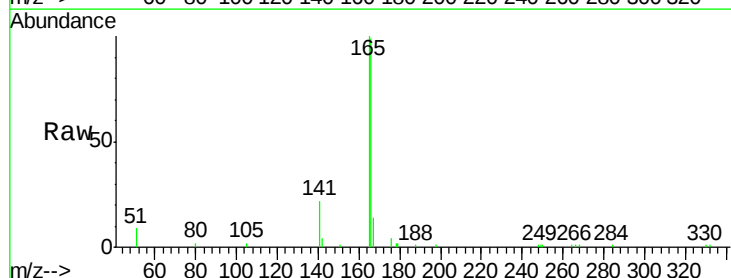
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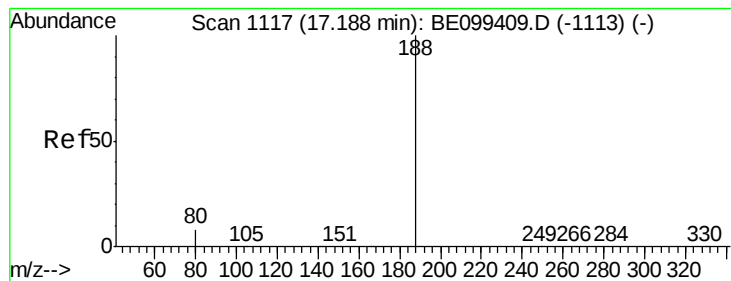
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#18
Fluorene
Concen: 0.303 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099455.D
Acq: 1 May 2019 9:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.3	120.5
167	13.3	10.7	16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

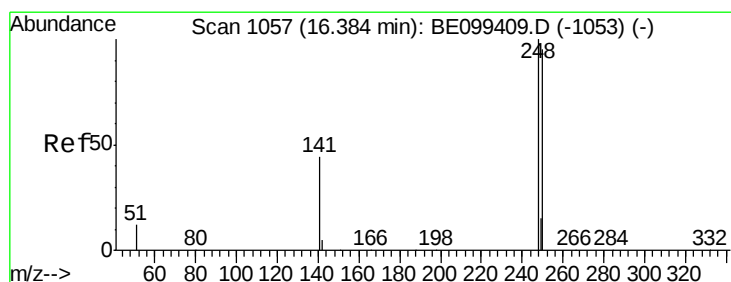
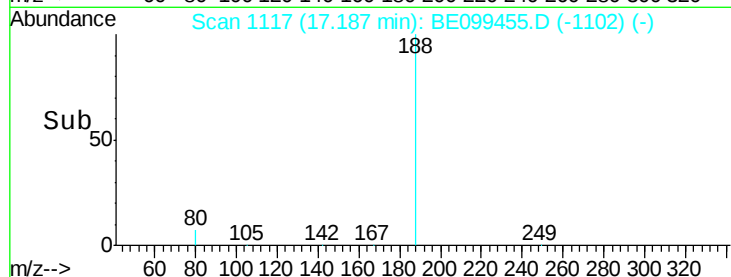
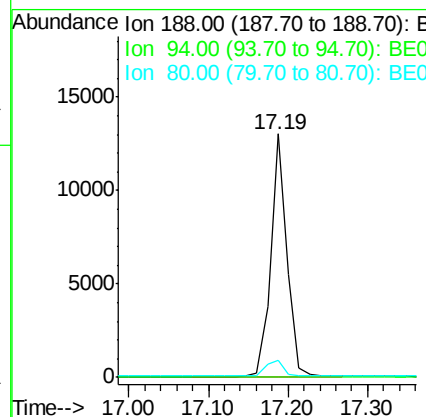
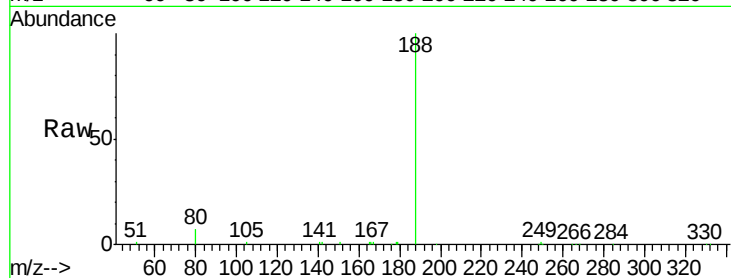
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	188	Resp:	18480
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.2	6.7	10.1

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#20

4-Bromophenyl-phenylether

Concen: 0.254 ng

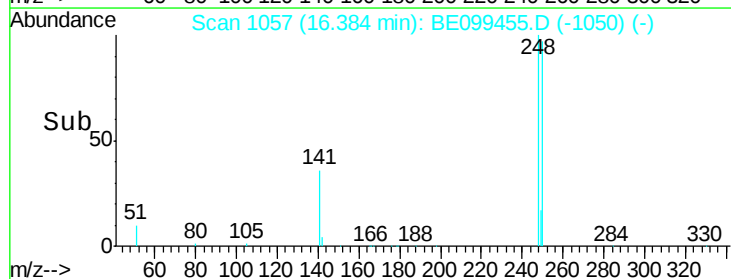
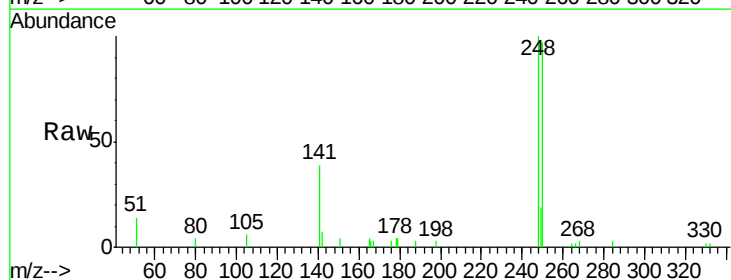
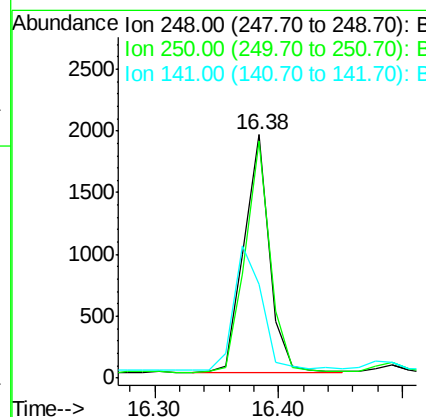
RT: 16.38 min Scan# 1057

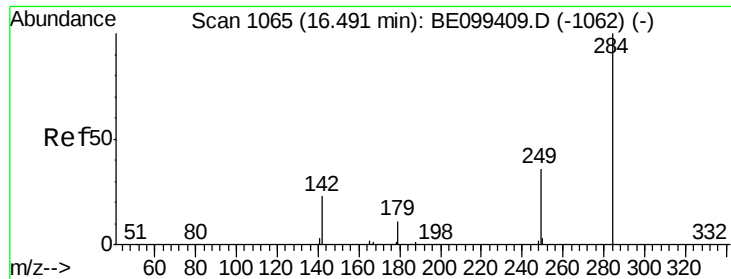
Delta R.T. -0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Tgt Ion:	248	Resp:	2733
Ion Ratio	Lower	Upper	
248	100		
250	97.4	75.8	113.8
141	38.7	35.7	53.5





#21

Hexachlorobenzene

Concen: 0.270 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

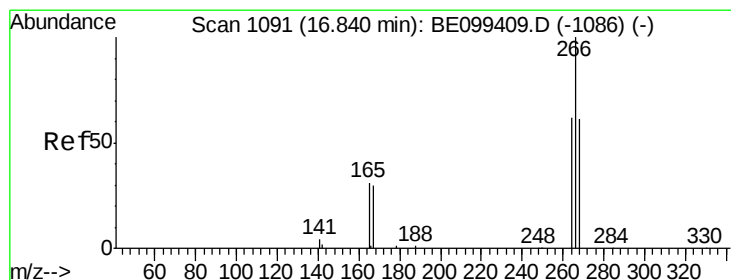
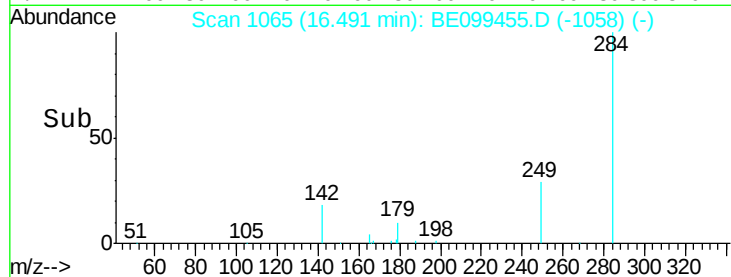
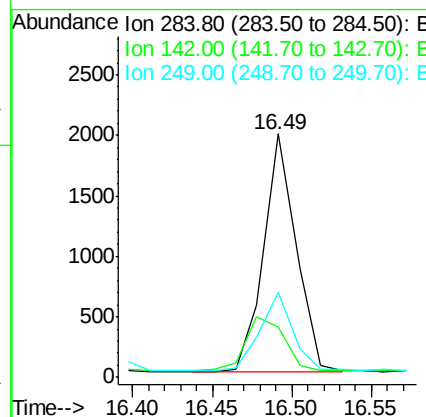
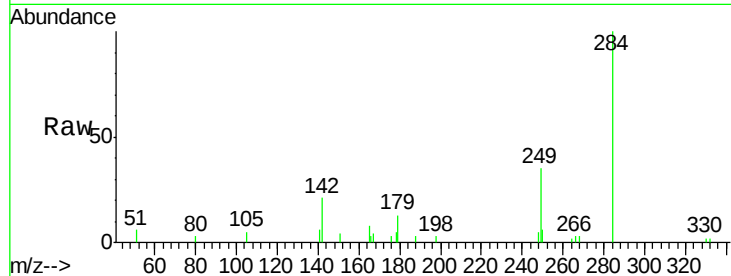
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	284	Resp:	2772
Ion Ratio	Lower	Upper	
284	100		
142	27.1	21.0	31.6
249	33.7	26.7	40.1

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#22

Pentachlorophenol

Concen: 0.449 ng

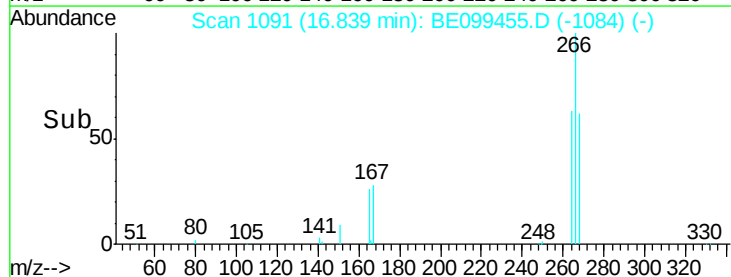
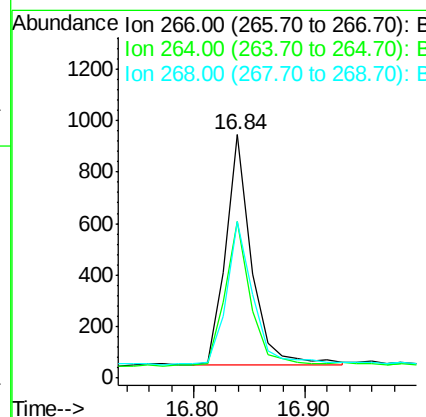
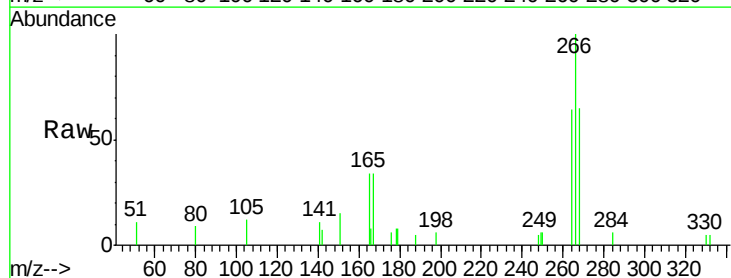
RT: 16.84 min Scan# 1091

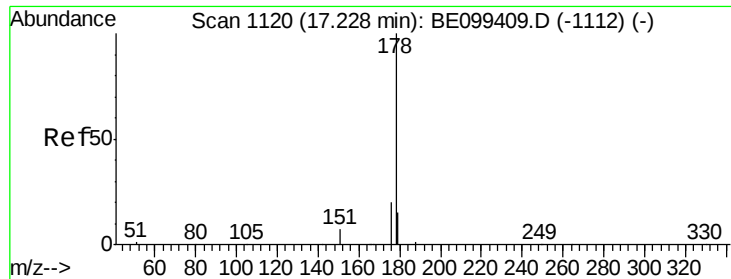
Delta R.T. 0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Tgt Ion:	266	Resp:	1441
Ion Ratio	Lower	Upper	
266	100		
264	64.3	50.8	76.2
268	64.6	50.5	75.7





#23

Phenanthrene

Concen: 0.478 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

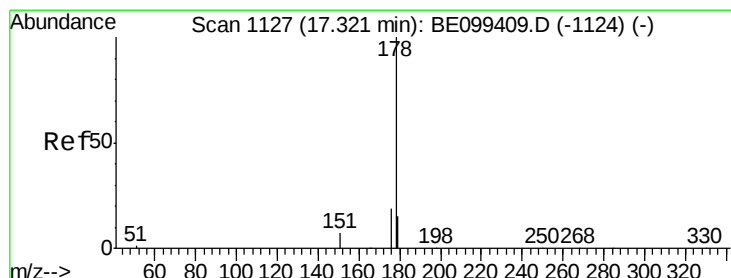
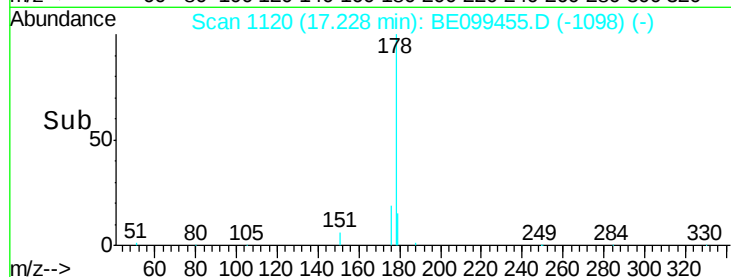
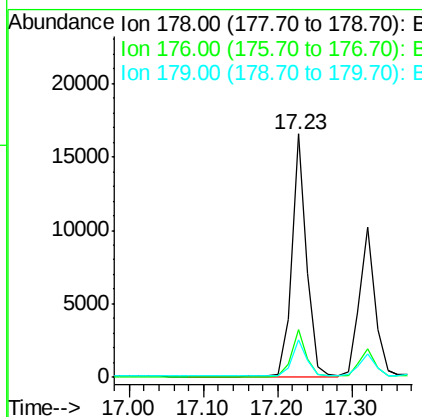
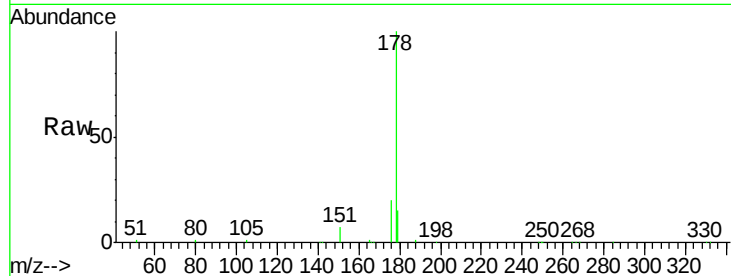
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	178	Resp:	22800
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.6	23.4
179	15.1	12.0	18.0

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#24

Anthracene

Concen: 0.322 ng

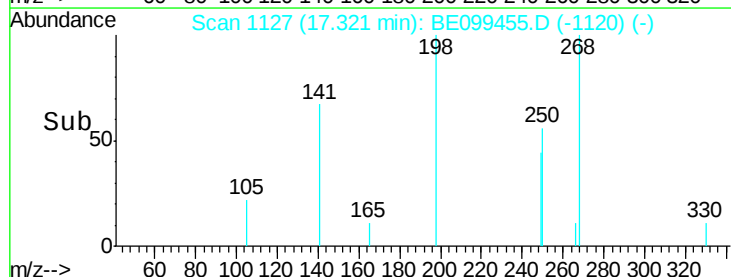
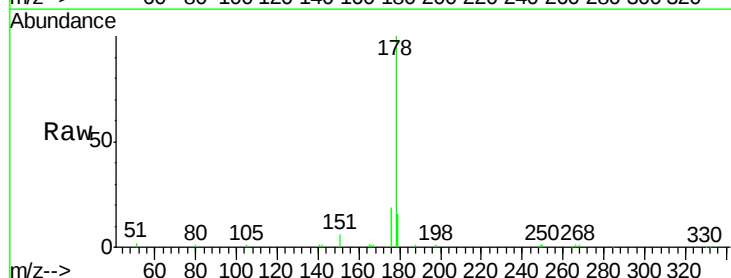
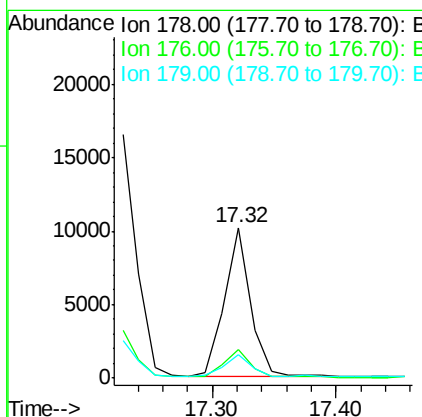
RT: 17.32 min Scan# 1127

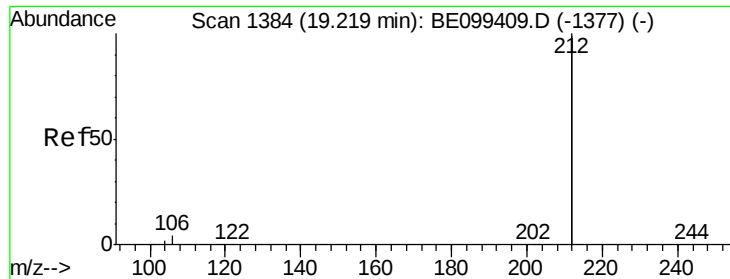
Delta R.T. -0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Tgt Ion:	178	Resp:	14613
Ion Ratio	Lower	Upper	
178	100		
176	18.9	14.9	22.3
179	15.3	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.264 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

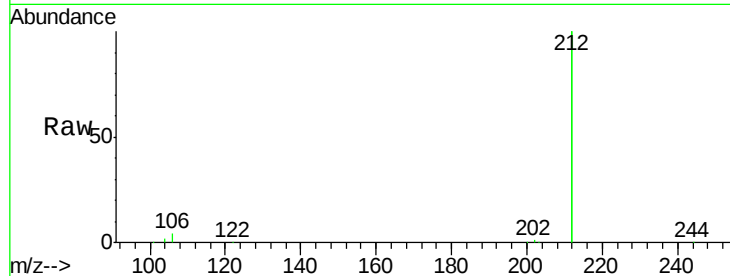
ClientSampleId :

PST-004-B162-042319MS

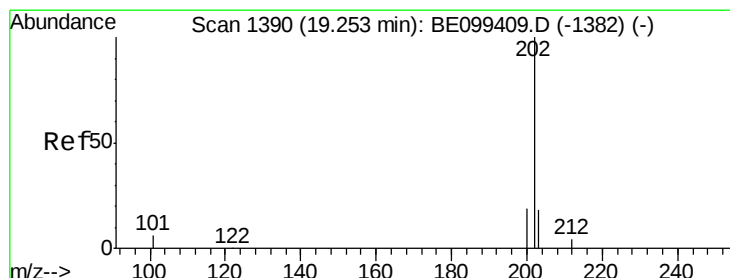
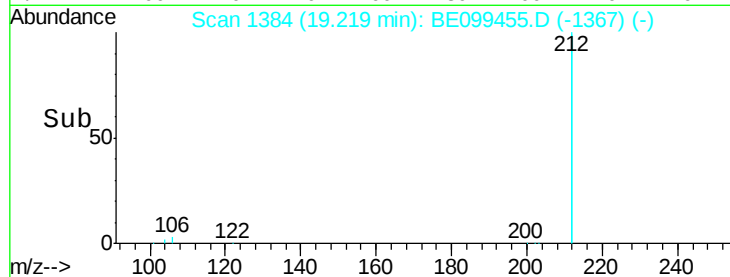
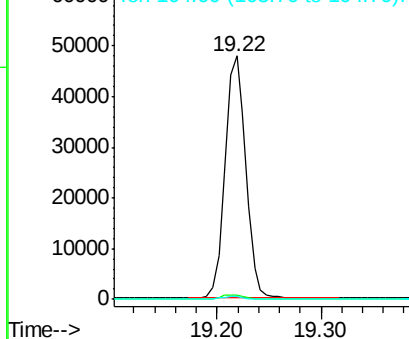
Tgt Ion:	212	Resp:	65816
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

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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: 0.522 ng

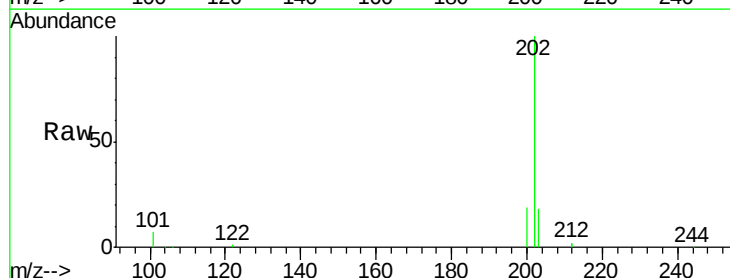
RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

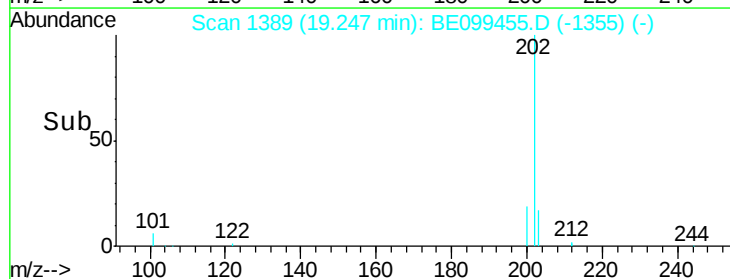
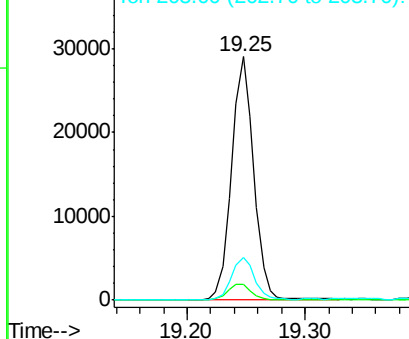
Lab File: BE099455.D

Acq: 1 May 2019 9:41

Tgt Ion:	202	Resp:	37284
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.4	8.0
203	17.4	13.9	20.9



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





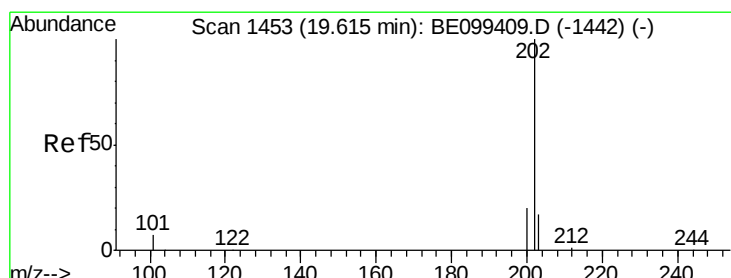
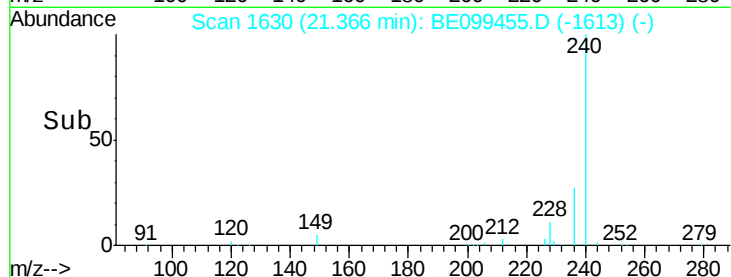
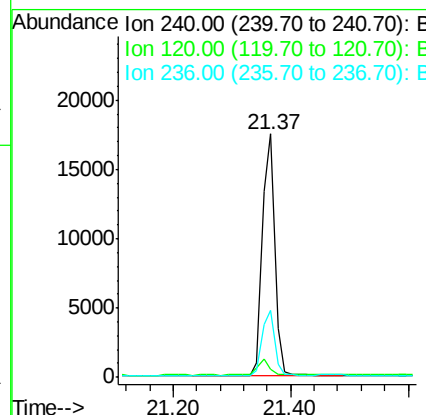
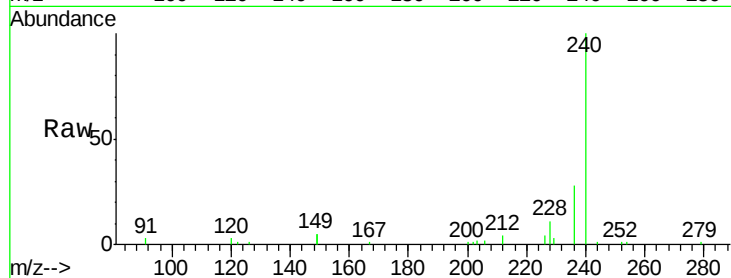
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099455.D
Acq: 1 May 2019 9:41

Instrument :
BNA_E
ClientSampleId :
PST-004-B162-042319MS

Tgt Ion: 240 Resp: 26320
Ion Ratio Lower Upper
240 100
120 3.1 4.0 6.0#
236 27.6 22.0 33.0

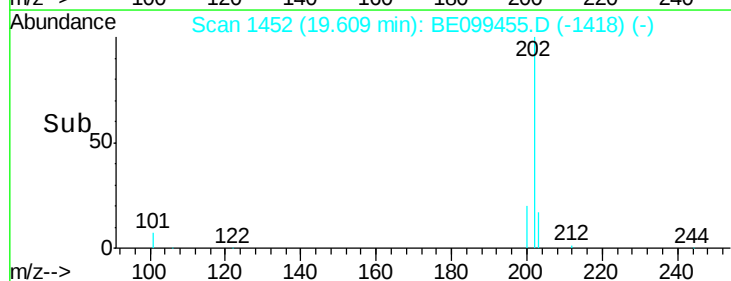
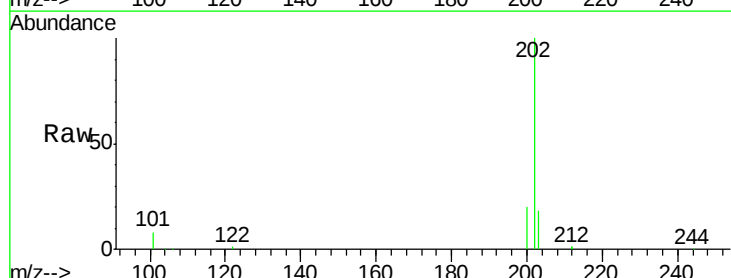
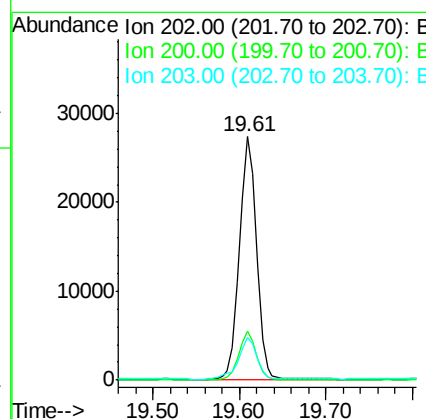
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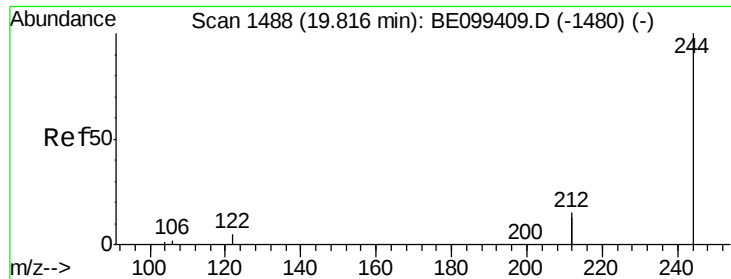
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#28
Pyrene
Concen: 0.537 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099455.D
Acq: 1 May 2019 9:41

Tgt Ion: 202 Resp: 36834
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 18.7 13.9 20.9





#29

Terphenyl-d14

Concen: 0.273 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099455.D

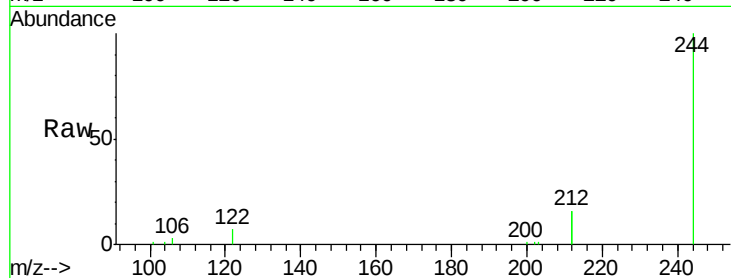
Acq: 1 May 2019 9:41

Instrument :

BNA_E

ClientSampleId :

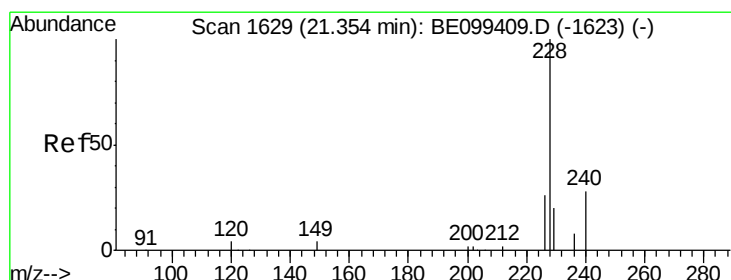
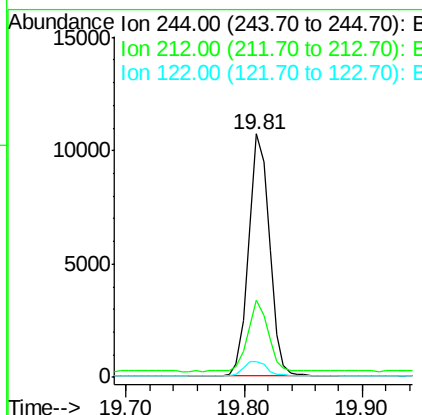
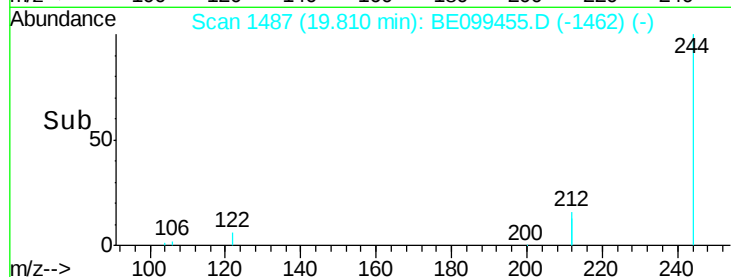
PST-004-B162-042319MS



Tgt Ion:	244	Resp:	13139
Ion Ratio	Lower	Upper	
244	100		
212	31.5	23.2	34.8
122	6.6	4.2	6.4

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#30

Benzo(a)anthracene

Concen: 0.425 ng

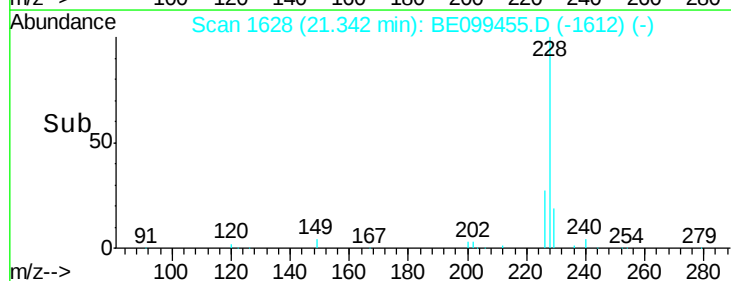
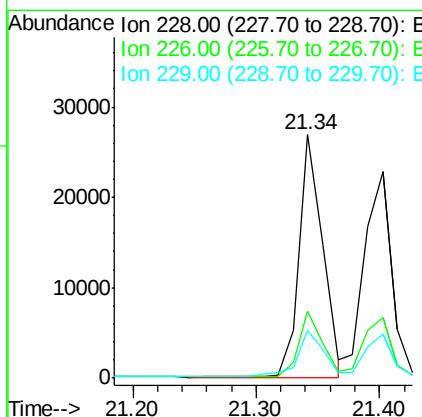
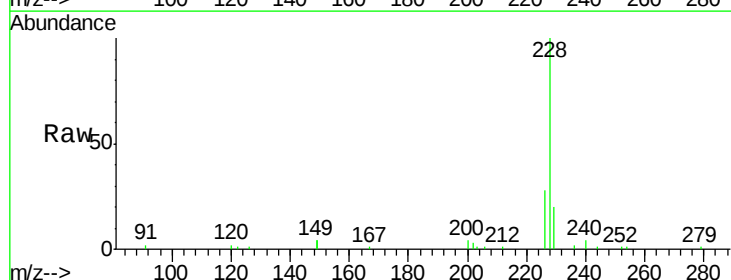
RT: 21.34 min Scan# 1628

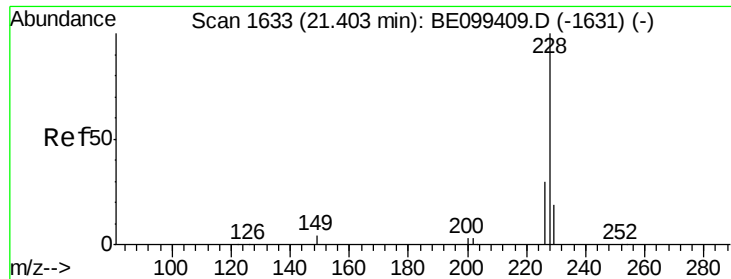
Delta R.T. -0.01 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Tgt Ion:	228	Resp:	35624
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.0	31.6
229	19.8	16.6	25.0





#31

Chrysene

Concen: 0.422 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099455.D

Acq: 1 May 2019 9:41

Instrument :

BNA_E

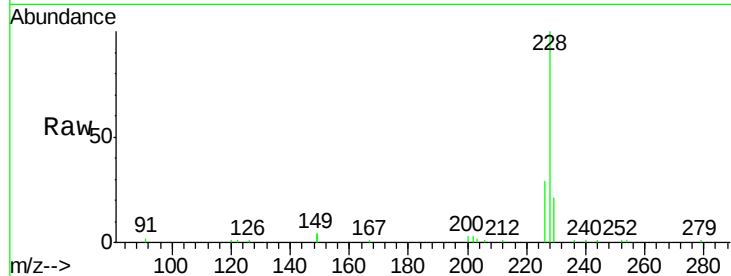
ClientSampleId :

PST-004-B162-042319MS

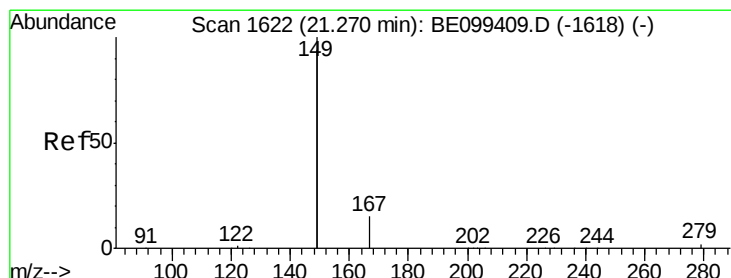
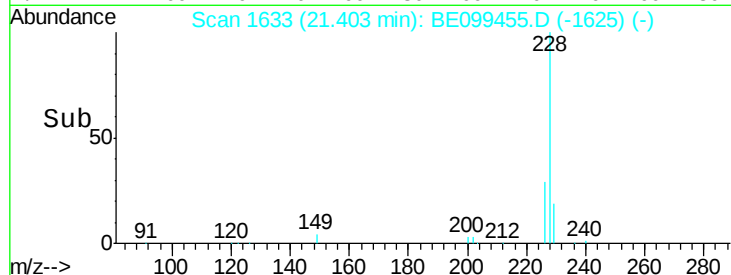
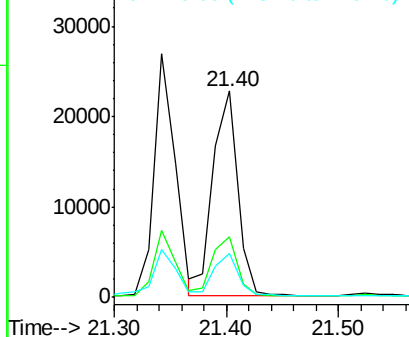
Tgt Ion:	228	Resp:	34618
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.0	36.0
229	21.2	15.8	23.8

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.279 ng

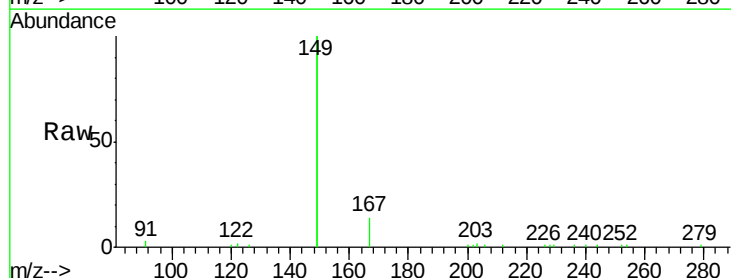
RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

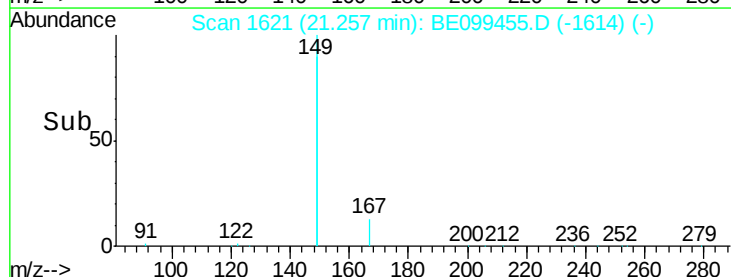
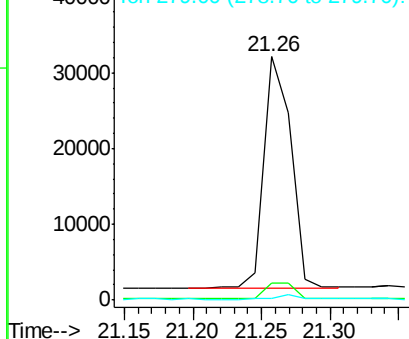
Lab File: BE099455.D

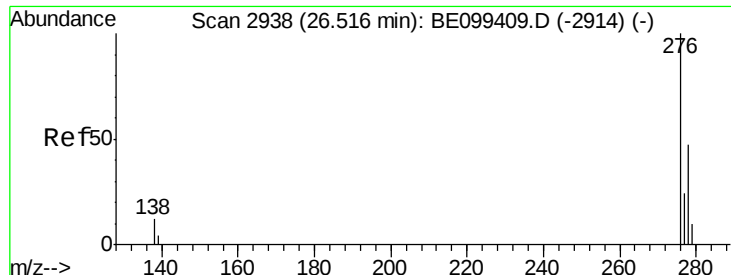
Acq: 1 May 2019 9:41

Tgt Ion:	149	Resp:	41458
Ion Ratio	Lower	Upper	
149	100		
167	7.7	5.8	8.6
279	1.5	1.0	1.6



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: 0.339 ng

RT: 26.50 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BE099455.D

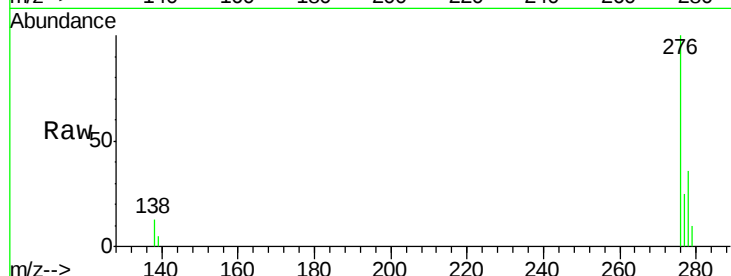
Acq: 1 May 2019 9:41

Instrument :

BNA_E

ClientSampleId :

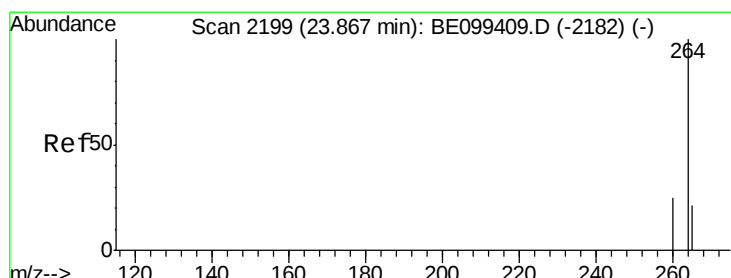
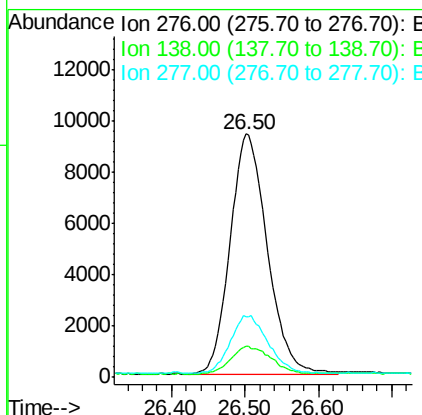
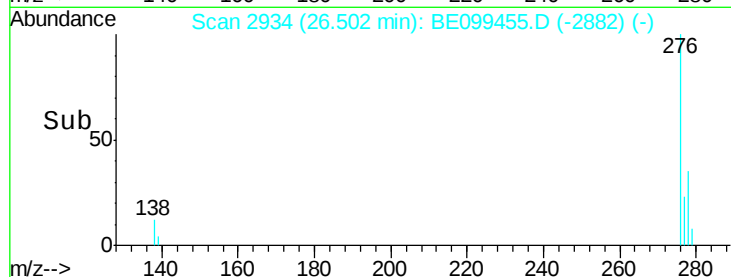
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Tgt Ion:	276	Resp:	32924
Ion Ratio	Lower	Upper	
276	100		
138	12.3	10.2	15.2
277	24.3	19.2	28.8

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#34

Perylene-d12

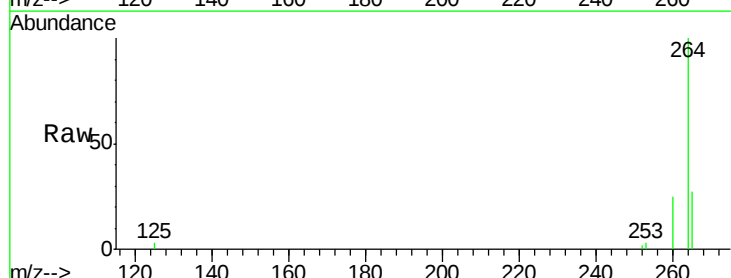
Concen: 0.400 ng

RT: 23.86 min Scan# 2198

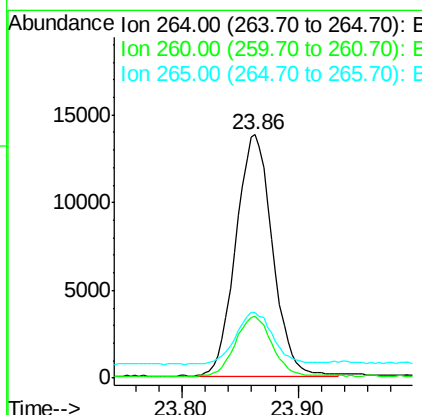
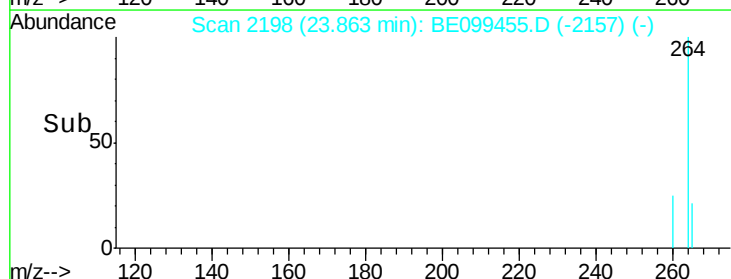
Delta R.T. -0.00 min

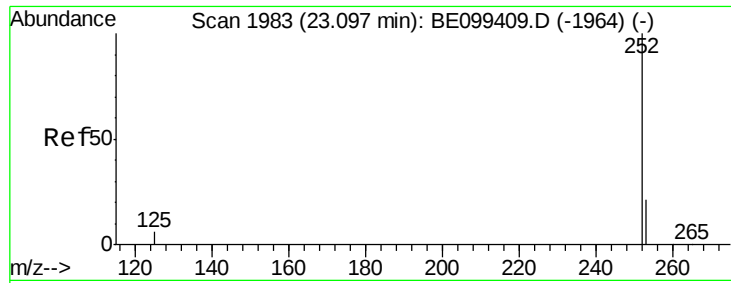
Lab File: BE099455.D

Acq: 1 May 2019 9:41



Tgt Ion:	264	Resp:	30149
Ion Ratio	Lower	Upper	
264	100		
260	25.3	20.2	30.2
265	27.0	21.3	31.9





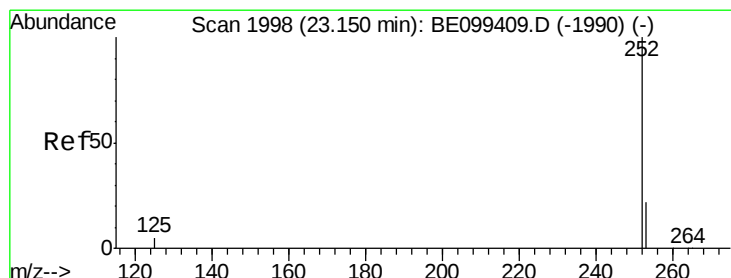
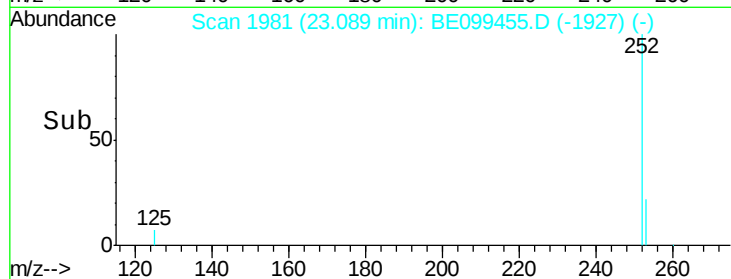
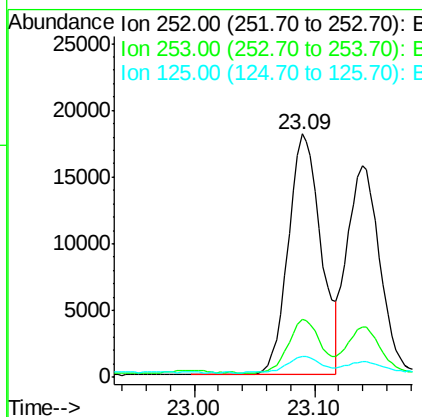
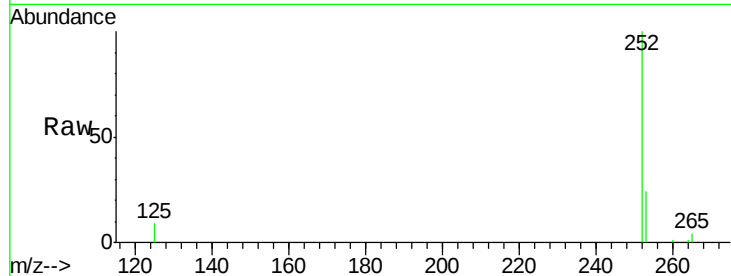
#35
Benzo(b)fluoranthene
Concen: 0.397 ng m
RT: 23.09 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BE099455.D
Acq: 1 May 2019 9:41

Instrument :
BNA_E
ClientSampleId :
PST-004-B162-042319MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	8.8	5.6	8.4#

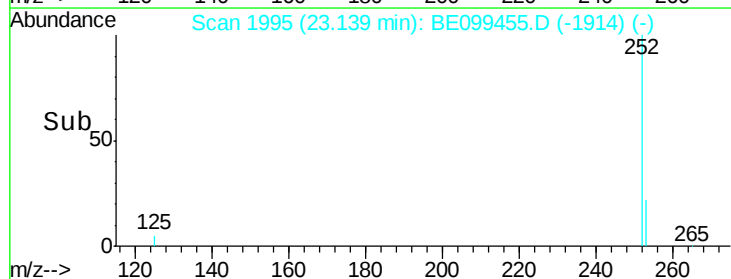
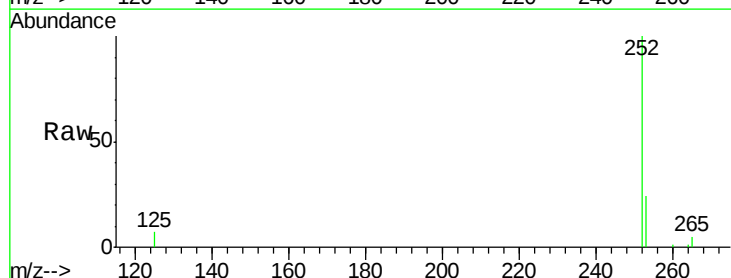
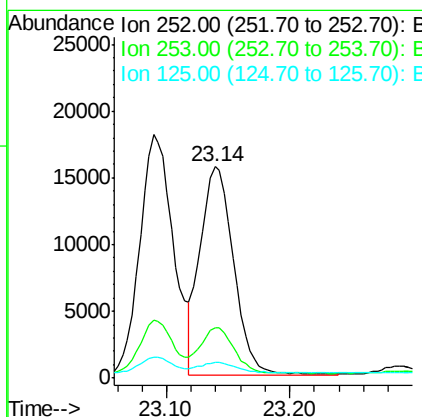
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#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BE099455.D
Acq: 1 May 2019 9:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	7.5	5.0	7.4#





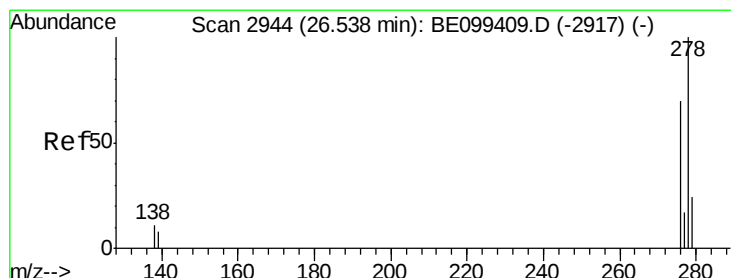
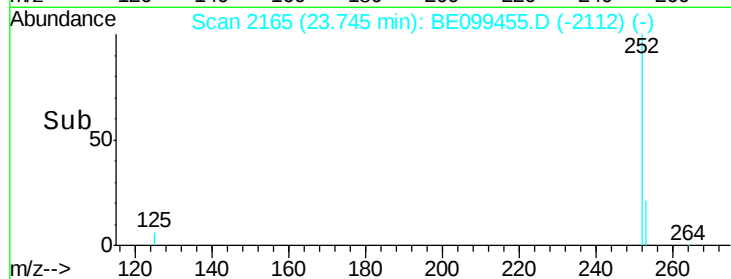
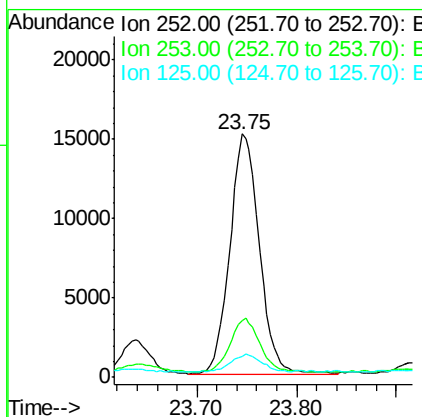
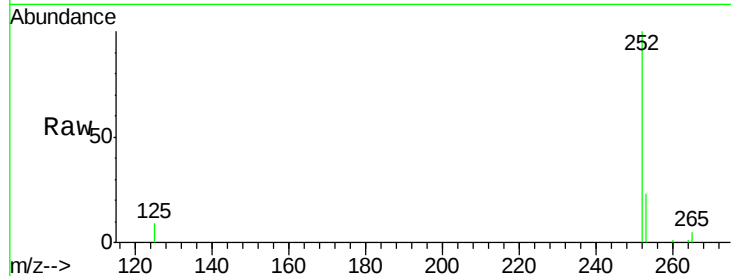
#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE099455.D
Acq: 1 May 2019 9:41

Instrument :
BNA_E
ClientSampleId :
PST-004-B162-042319MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	8.6	6.7	10.1

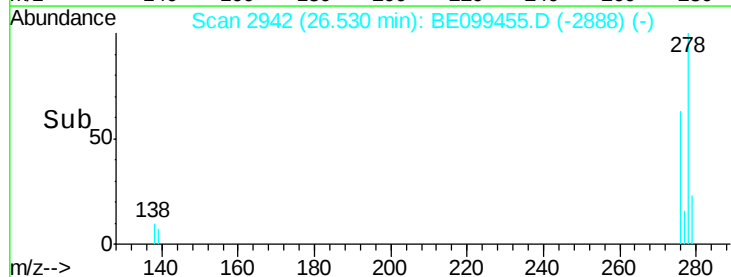
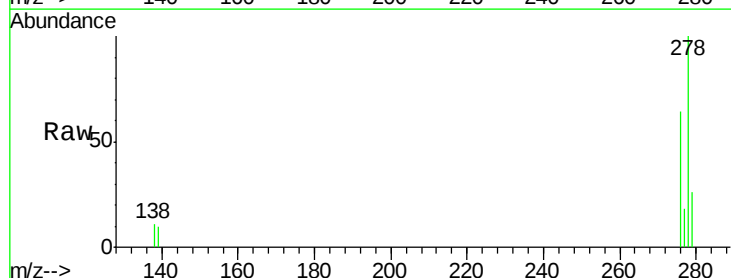
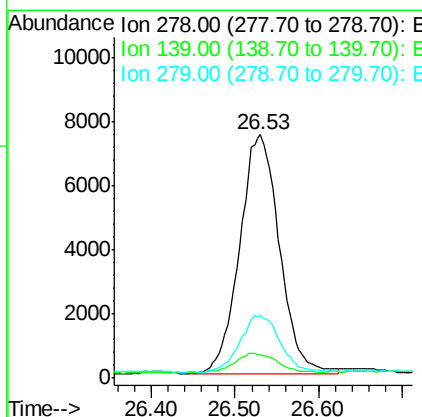
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#38
Dibenzo(a,h)anthracene
Concen: 0.293 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099455.D
Acq: 1 May 2019 9:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.7	11.5
279	25.7	20.2	30.2





#39

Benzo(g,h,i)perylene

Concen: 0.333 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE099455.D

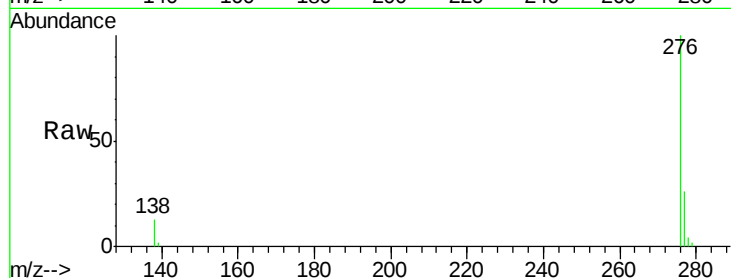
Acq: 1 May 2019 9:41

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MS



Tgt Ion:	276	Resp:	28070
Ion Ratio	Lower	Upper	
276	100		
277	25.8	19.5	29.3
138	12.6	9.6	14.4

Manual Integrations
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