

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099463.D
 Acq On : 1 May 2019 14:43
 Operator : JU/SJ
 Sample : K2589-15MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B186-042419MS

Manual Integrations
 APPROVED

Sohil
 5/2/2019 4:47:28 PM

Quant Time: May 02 08:12:36 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	7.81	152	1763	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	6440	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	4947	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	16812	0.40	ng	0.00
27) Chrysene-d12	21.37	240	22357	0.40	ng	0.00
34) Perylene-d12	23.86	264	25995	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	1298	0.27	ng	0.00
5) Phenol-d6	6.97	99	1780	0.27	ng	0.00
8) Nitrobenzene-d5	8.97	82	1488	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2781m	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	939	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	4229	0.22	ng	-0.01
25) Fluoranthene-d10	19.22	212	56128	0.25	ng	0.00
29) Terphenyl-d14	19.81	244	11783	0.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	466	0.192	ng	# 56
3) n-Nitrosodimethylamine	3.64	42	356	0.244	ng	# 86
6) bis(2-Chloroethyl)ether	7.23	93	1321	0.236	ng	94
9) Naphthalene	10.65	128	18916	0.270	ng	100
10) Hexachlorobutadiene	10.93	225	1217	0.249	ng	99
12) 2-Methylnaphthalene	12.27	142	3351	0.275	ng	93
16) Acenaphthylene	14.17	152	6390	0.264	ng	97
17) Acenaphthene	14.51	154	3711	0.268	ng	98
18) Fluorene	15.49	166	5984	0.293	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	2334	0.238	ng	# 92
21) Hexachlorobenzene	16.49	284	2443	0.262	ng	98
22) Pentachlorophenol	16.84	266	2181	0.604	ng	97
23) Phenanthrene	17.23	178	13973	0.322	ng	98
24) Anthracene	17.32	178	11719	0.283	ng	99
26) Fluoranthene	19.25	202	20379	0.314	ng	99
28) Pyrene	19.61	202	21360	0.367	ng	99
30) Benzo(a)anthracene	21.34	228	23350	0.328	ng	98
31) Chrysene	21.40	228	22865	0.328	ng	98
32) Bis(2-ethylhexyl)phthalate	21.26	149	42732	0.354	ng	100
33) Indeno(1,2,3-cd)pyrene	26.51	276	25285	0.307	ng	99
35) Benzo(b)fluoranthene	23.09	252	22039	0.294	ng	# 94
36) Benzo(k)fluoranthene	23.14	252	21392	0.296	ng	# 95
37) Benzo(a)pyrene	23.75	252	21048	0.297	ng	# 96
38) Dibenzo(a,h)anthracene	26.53	278	21027	0.290	ng	99
39) Benzo(g,h,i)perylene	27.32	276	21619	0.298	ng	99

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

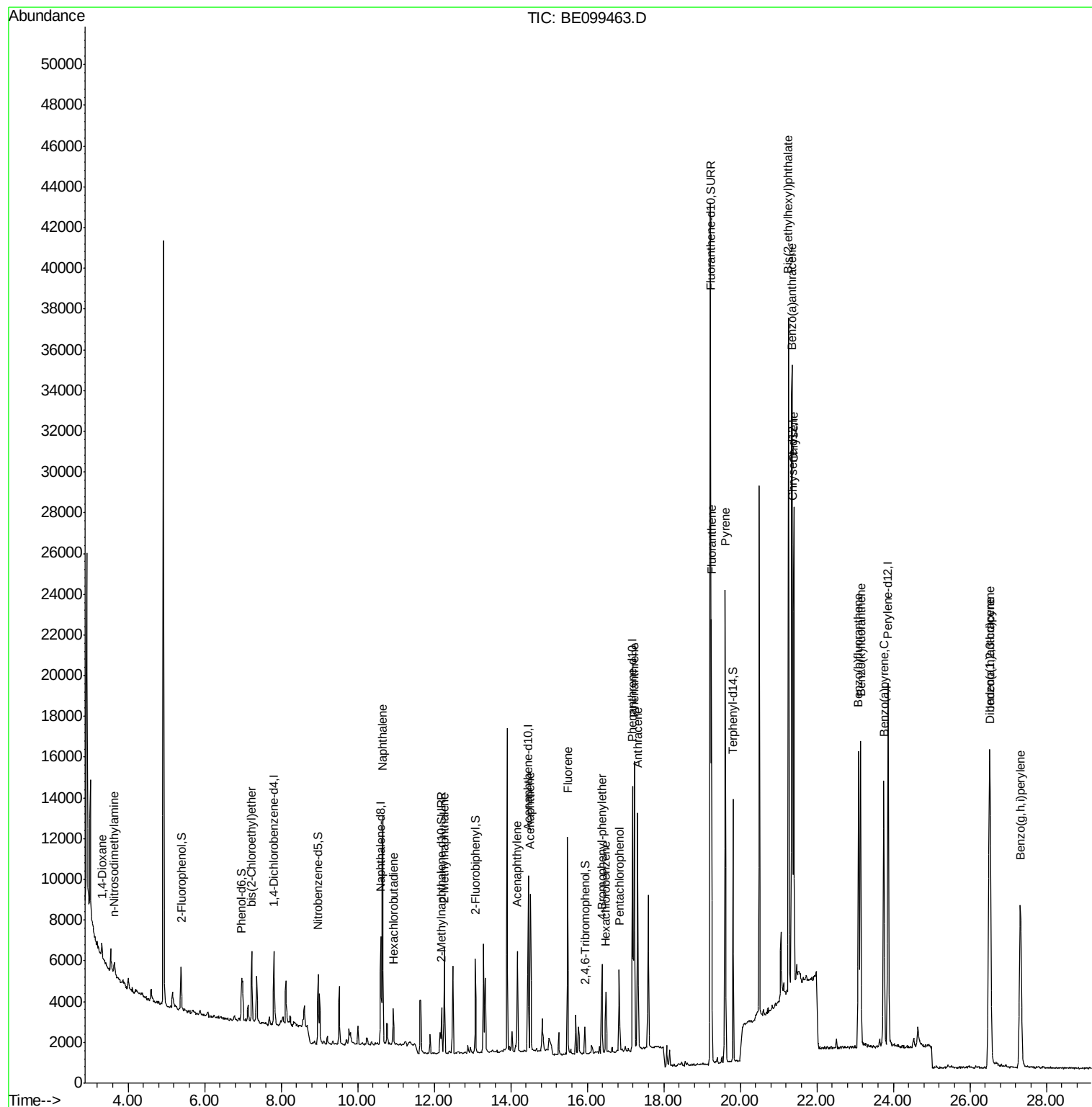
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
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ALS Vial : 11 Sample Multiplier: 1

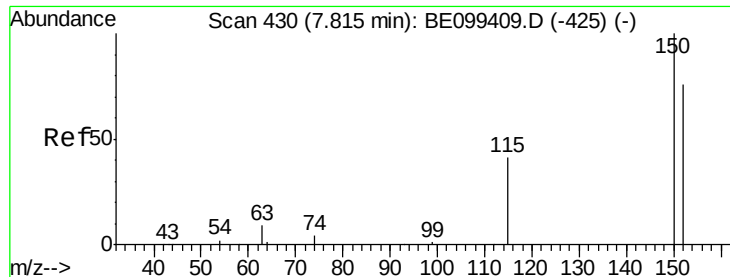
Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419MS

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5/2/2019 4:47:28 PM

Quant Time: May 02 08:12:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
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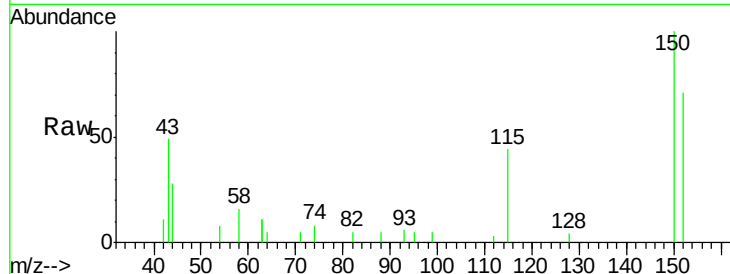




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099463.D
Acq: 1 May 2019 14:43

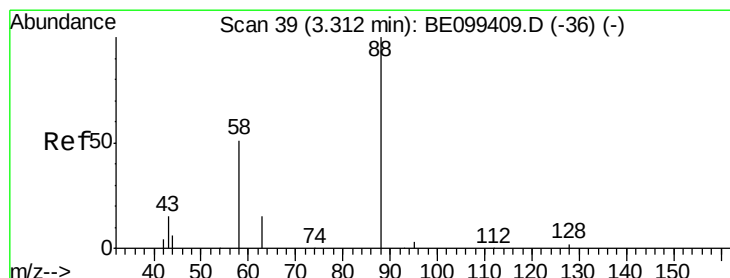
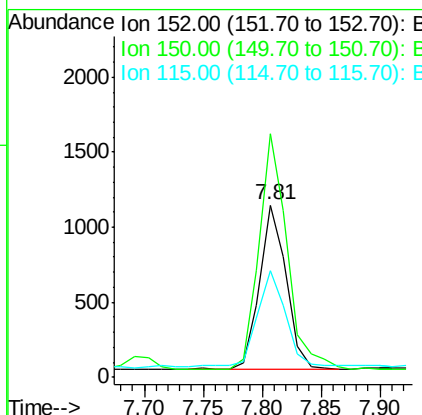
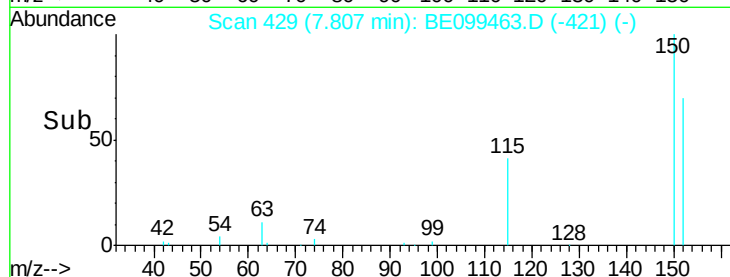
Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419MS



Tgt Ion: 152 Resp: 1763
Ion Ratio Lower Upper
152 100
150 141.4 104.8 157.2
115 62.2 46.6 69.8

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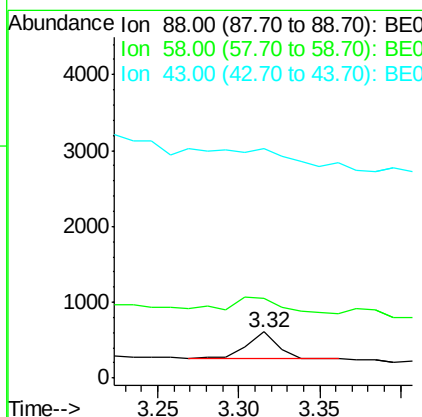
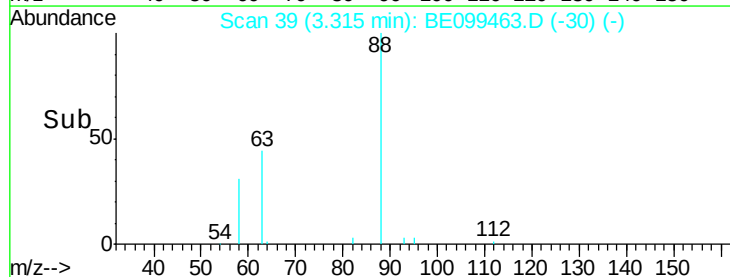
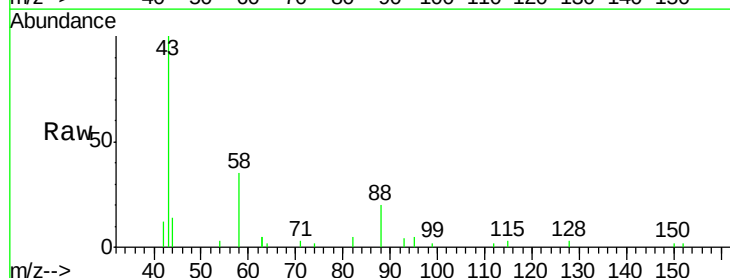
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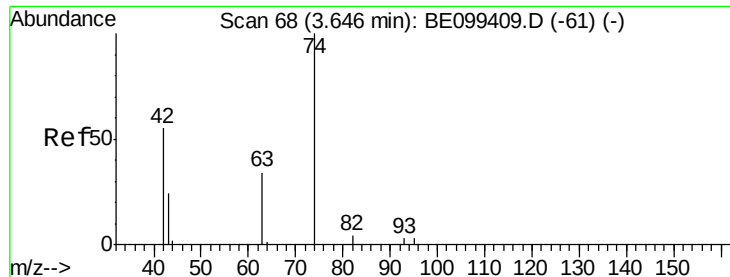


#2

1,4-Dioxane
Concen: 0.192 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099463.D
Acq: 1 May 2019 14:43

Tgt Ion: 88 Resp: 466
Ion Ratio Lower Upper
88 100
58 96.6 51.0 76.6#
43 0.0 20.6 30.8#





#3

n-Nitrosodimethylamine

Concen: 0.244 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

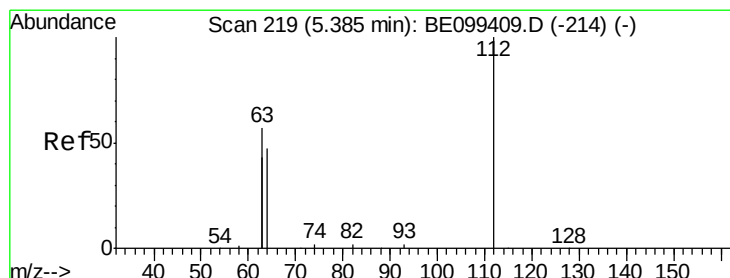
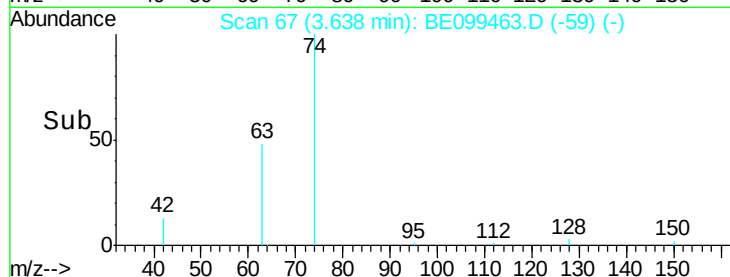
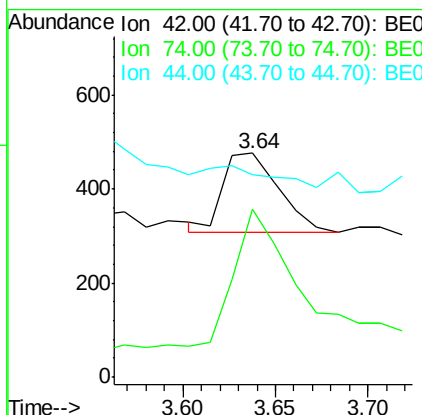
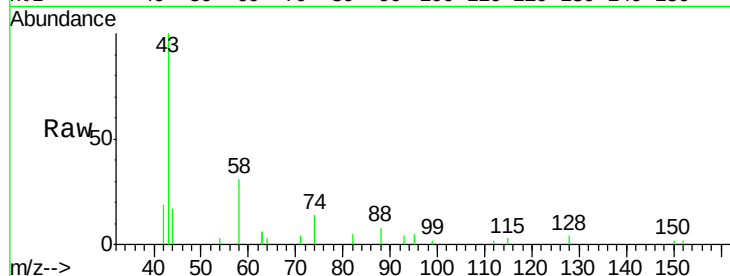
ClientSampleId :

PST-001-B186-042419MS

Tgt Ion:	42	Resp:	356
Ion	Ratio	Lower	Upper
42	100		
74	196.9	141.6	212.4
44	0.0	0.0	0.0

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#4

2-Fluorophenol

Concen: 0.266 ng

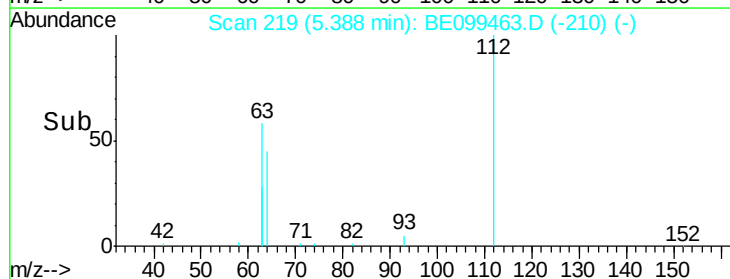
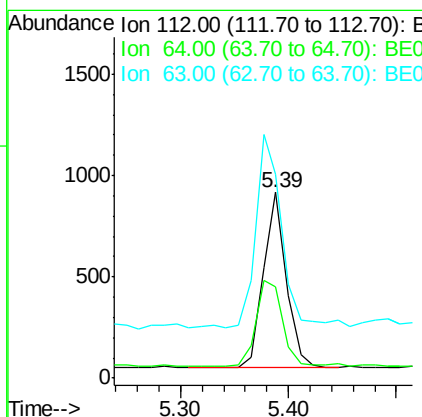
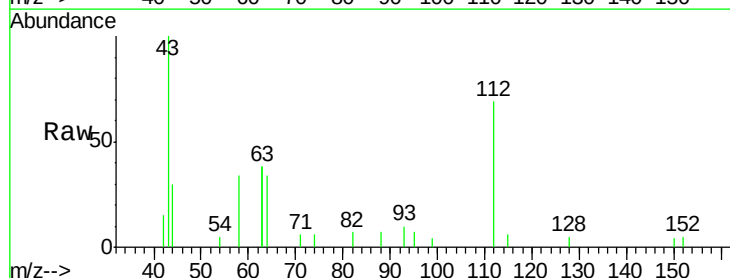
RT: 5.39 min Scan# 219

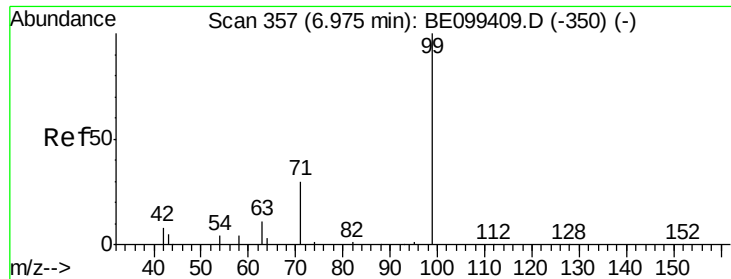
Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Tgt Ion:	112	Resp:	1298
Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.4	71.0
63	120.5	104.3	156.5





#5

Phenol-d6

Concen: 0.275 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

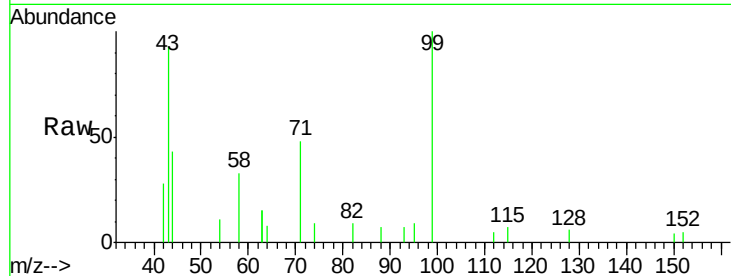
ClientSampleId :

PST-001-B186-042419MS

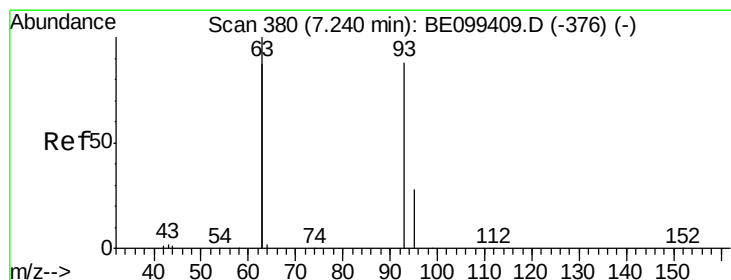
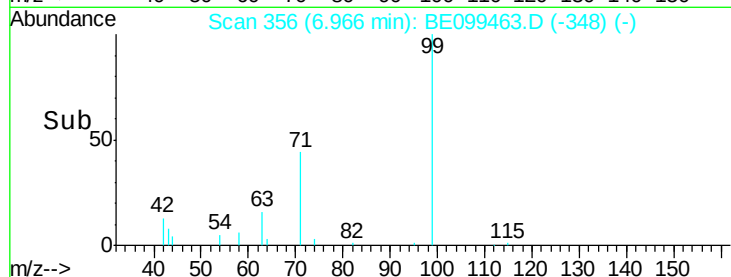
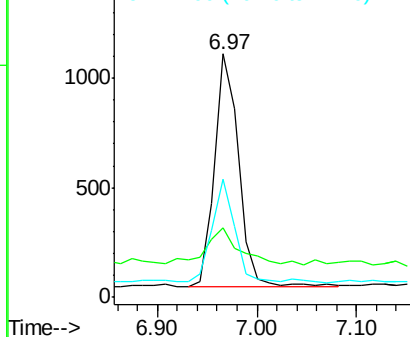
Tgt Ion:	99	Resp:	1780
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.9	22.3
71	40.4	33.0	49.6

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.236 ng

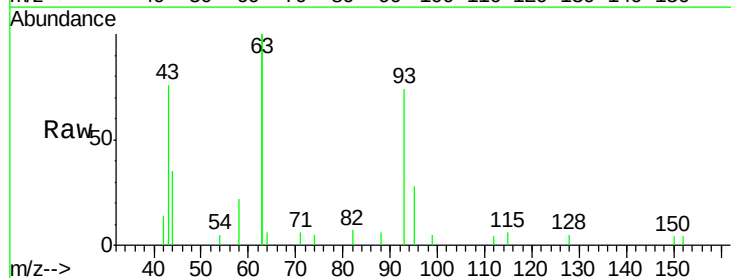
RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

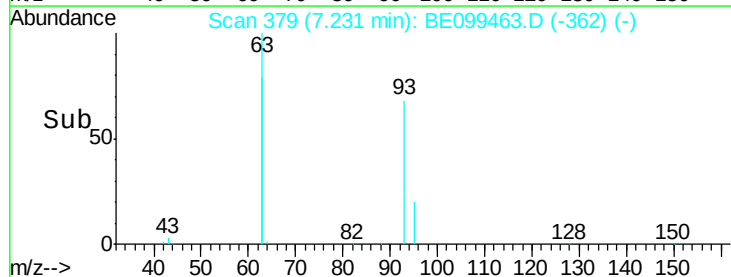
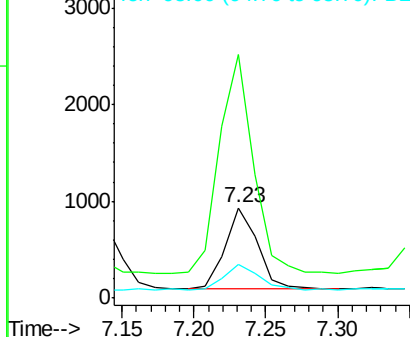
Lab File: BE099463.D

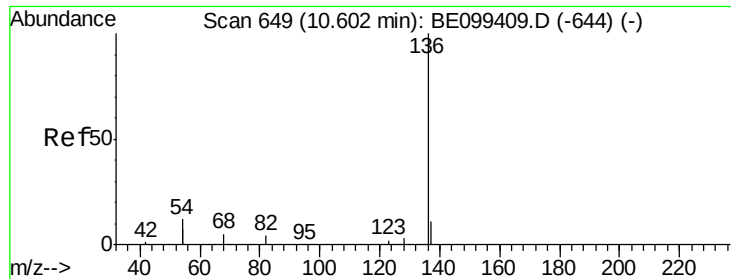
Acq: 1 May 2019 14:43

Tgt Ion:	93	Resp:	1321
Ion	Ratio	Lower	Upper
93	100		
63	281.6	215.6	323.4
95	34.8	26.2	39.2



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

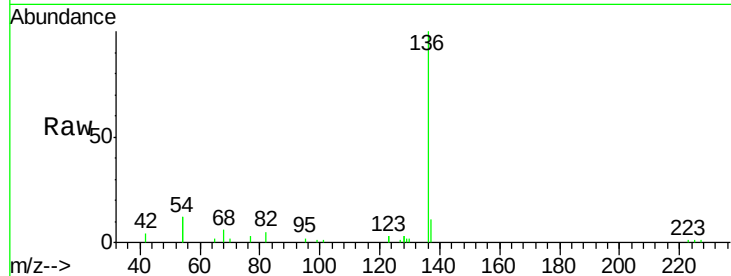
ClientSampleId :

PST-001-B186-042419MS

Tgt Ion:	136	Resp:	6440
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.8	14.8
54	23.9	18.5	27.7
68	6.0	4.7	7.1

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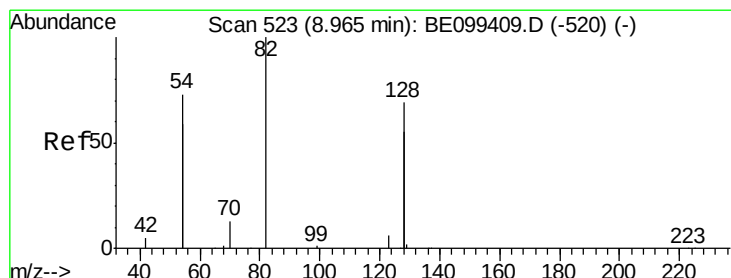
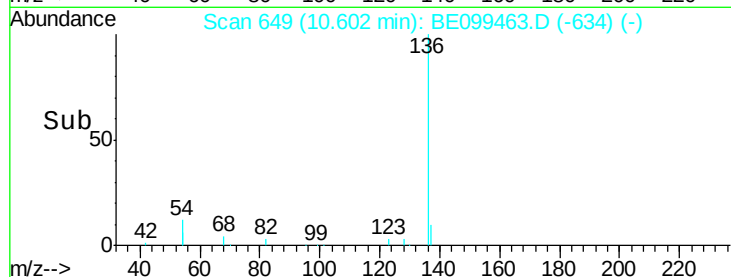
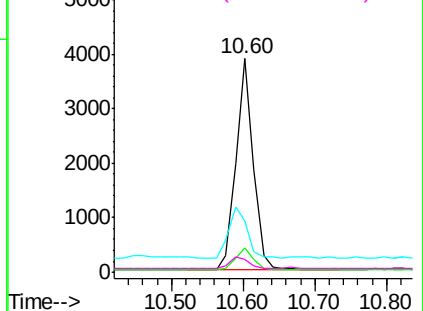


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.247 ng

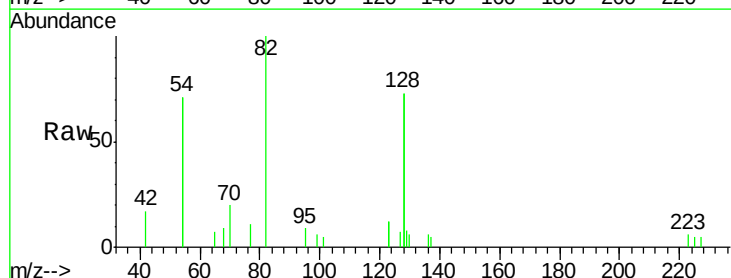
RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

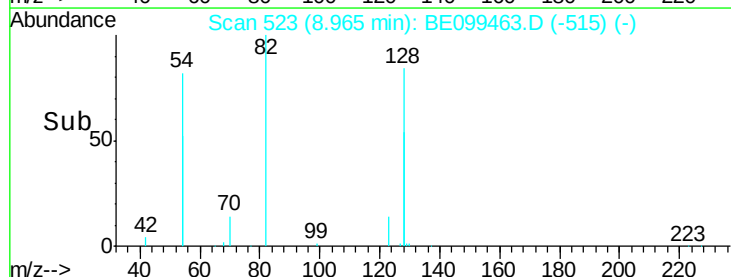
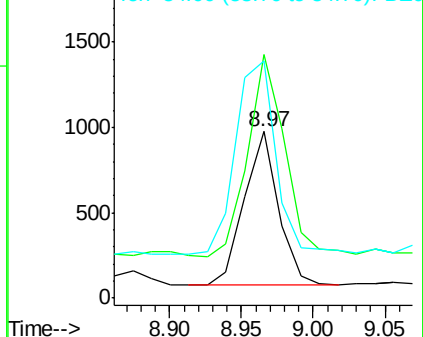
Tgt Ion:	82	Resp:	1488
Ion Ratio	Lower	Upper	
82	100		
128	146.4	107.0	160.4
54	142.7	113.1	169.7

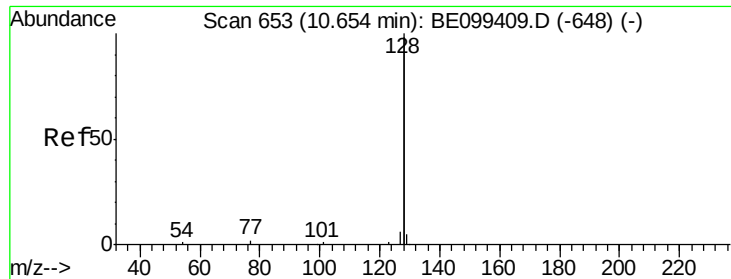


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.270 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

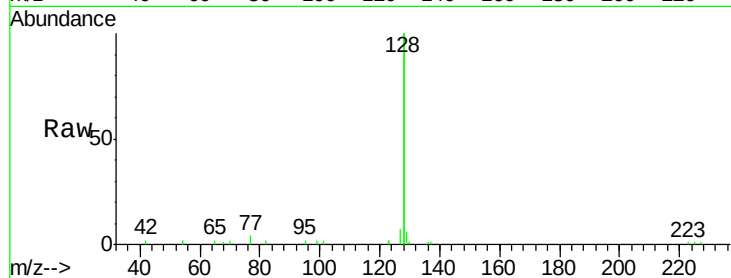
ClientSampleId :

PST-001-B186-042419MS

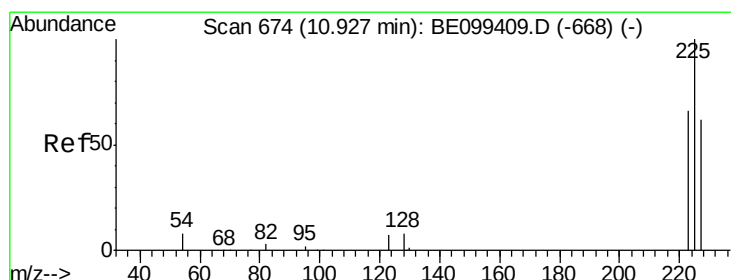
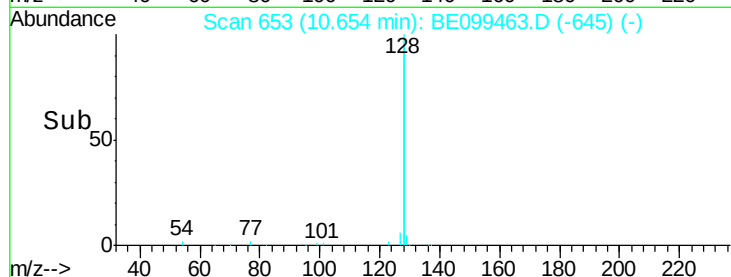
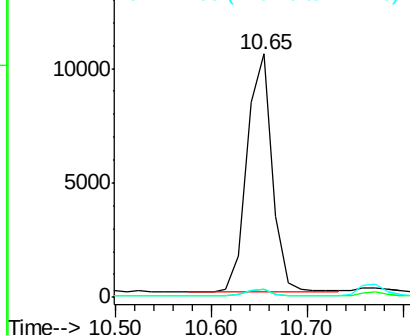
Tgt Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.4	3.6
127	3.4	2.8	4.2

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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: 0.249 ng

RT: 10.93 min Scan# 674

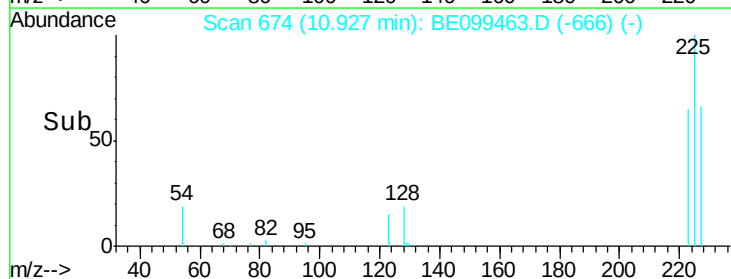
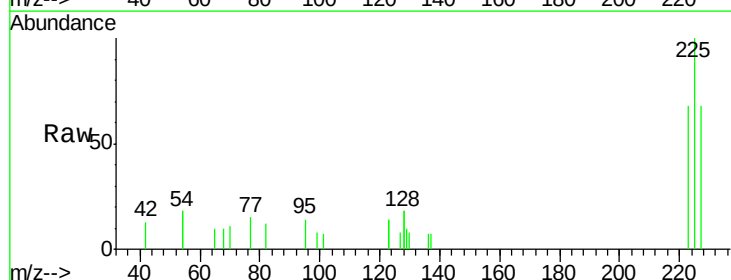
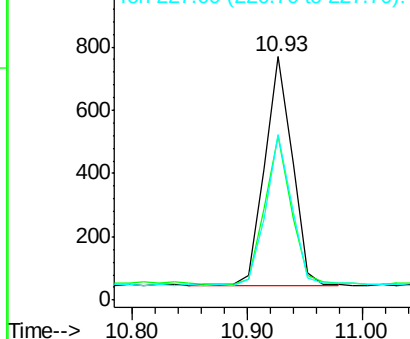
Delta R.T. 0.00 min

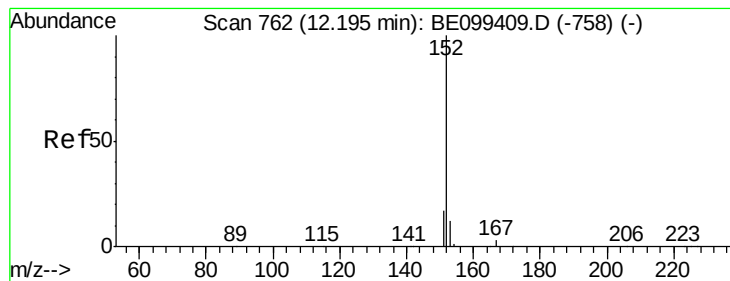
Lab File: BE099463.D

Acq: 1 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	63.4	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





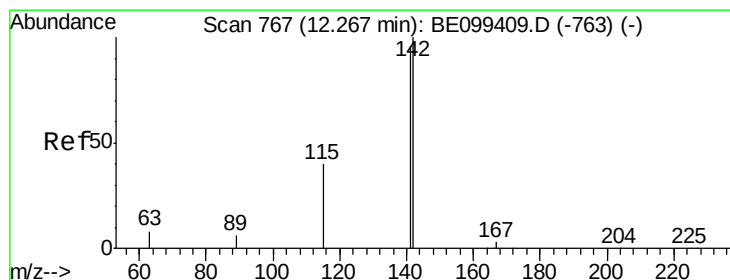
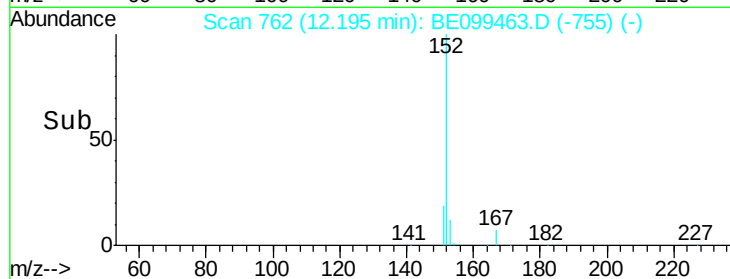
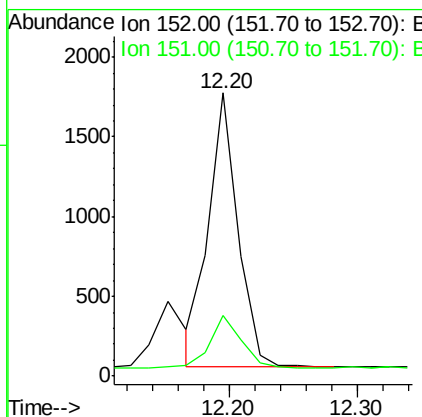
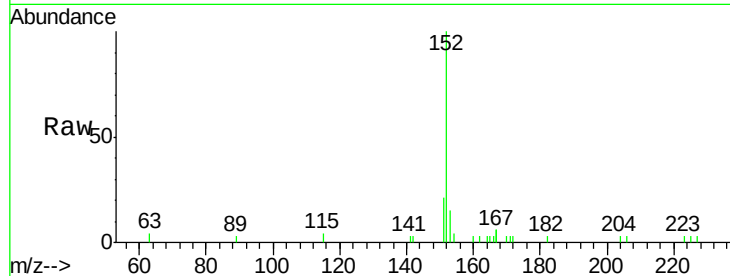
#11
 2-Methylnaphthalene-d10
 Concen: 0.240 ng m
 RT: 12.20 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099463.D
 Acq: 1 May 2019 14:43

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B186-042419MS

Tgt Ion:152 Resp: 2781
 Ion Ratio Lower Upper
 152 100
 151 20.4 15.5 23.3

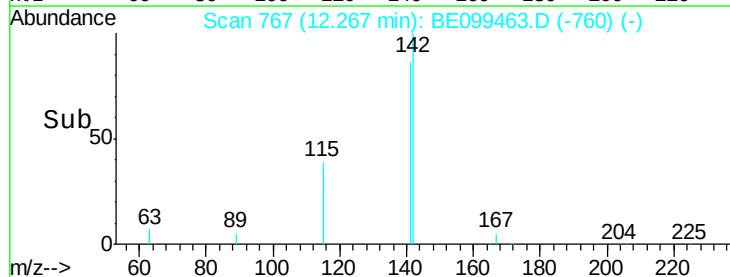
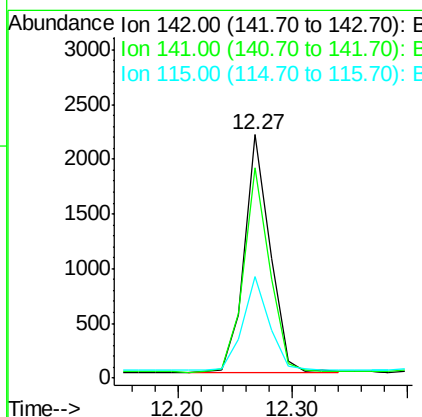
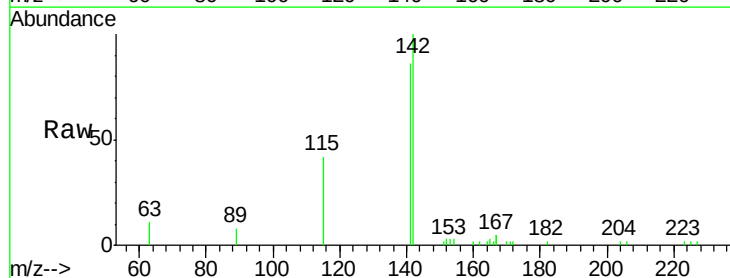
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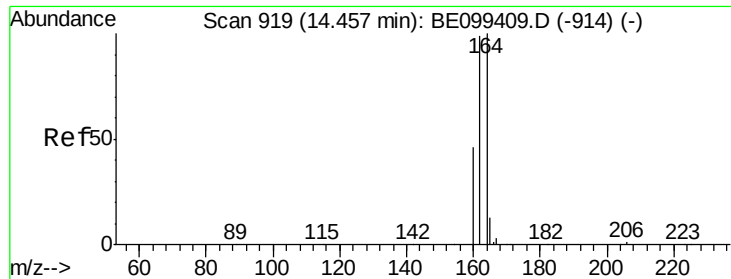
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#12
 2-Methylnaphthalene
 Concen: 0.275 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099463.D
 Acq: 1 May 2019 14:43

Tgt Ion:142 Resp: 3351
 Ion Ratio Lower Upper
 142 100
 141 86.2 77.0 115.4
 115 41.7 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: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

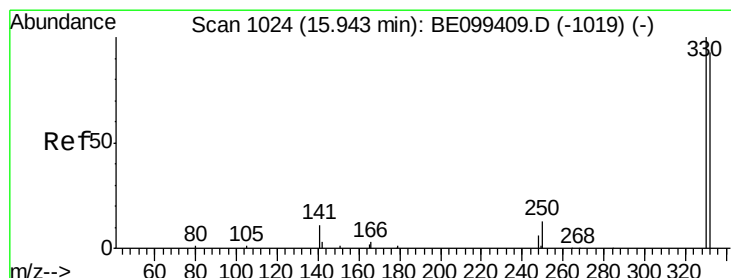
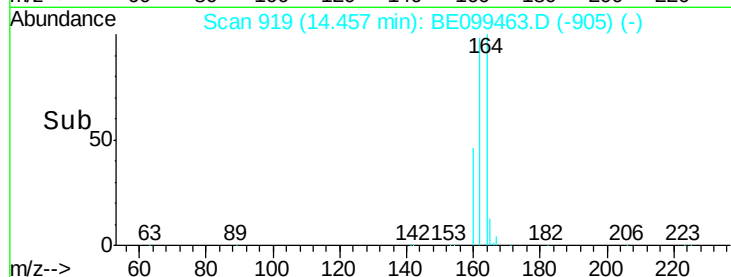
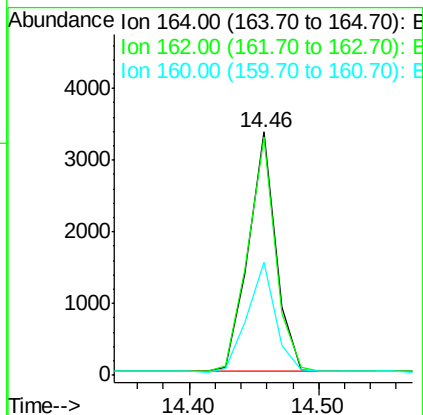
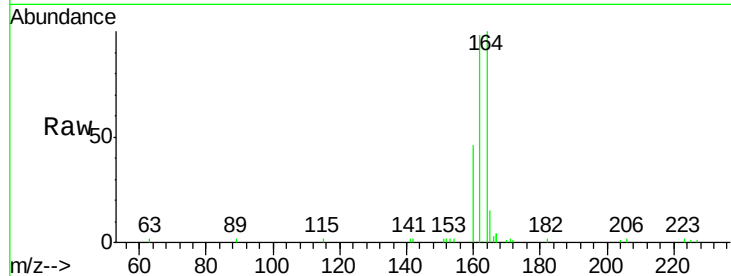
ClientSampleId :

PST-001-B186-042419MS

Tgt Ion:	164	Resp:	4947
Ion Ratio	Lower	Upper	
164	100		
162	97.8	79.0	118.4
160	46.4	37.0	55.4

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#14

2,4,6-Tribromophenol

Concen: 0.301 ng

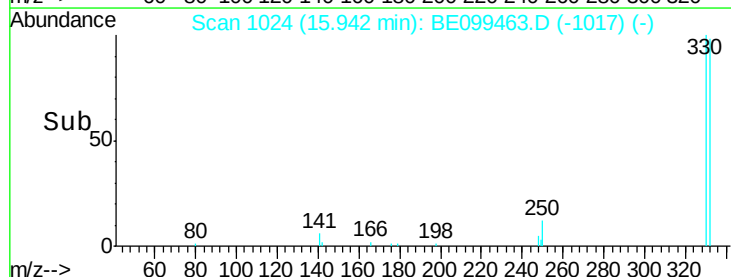
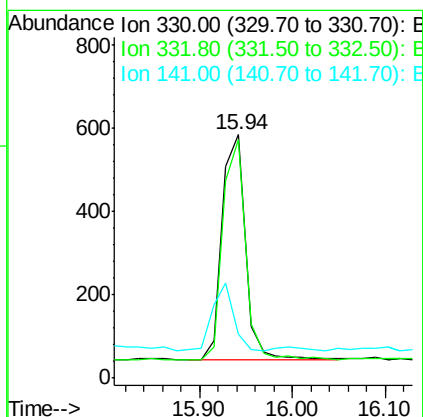
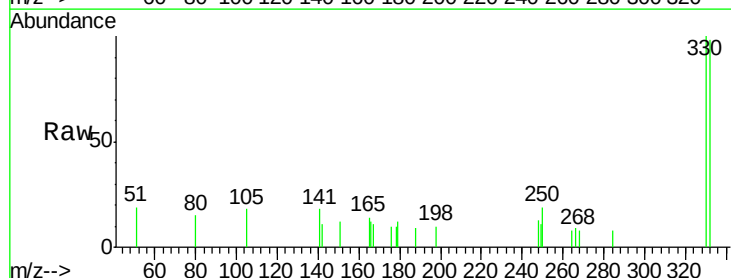
RT: 15.94 min Scan# 1024

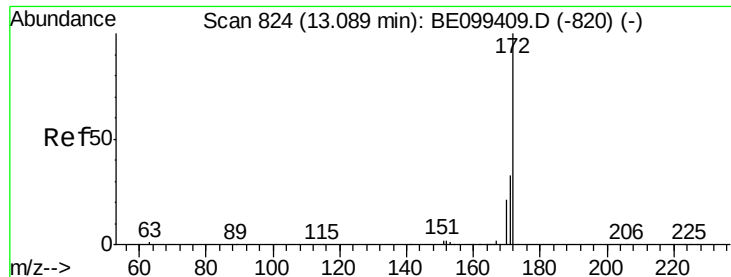
Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Tgt Ion:	330	Resp:	939
Ion Ratio	Lower	Upper	
330	100		
332	94.4	71.5	107.3
141	28.0	24.0	36.0





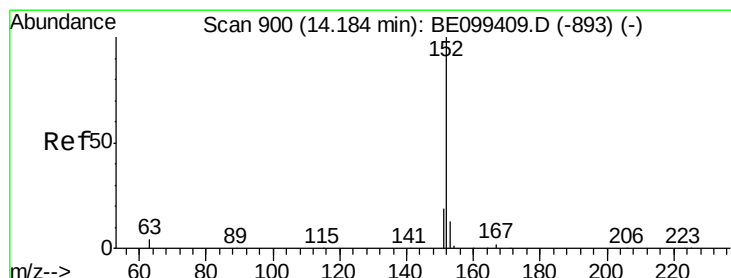
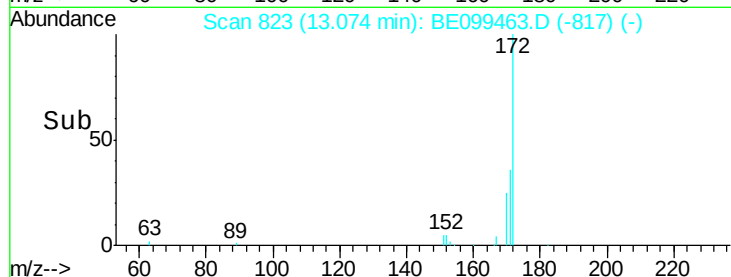
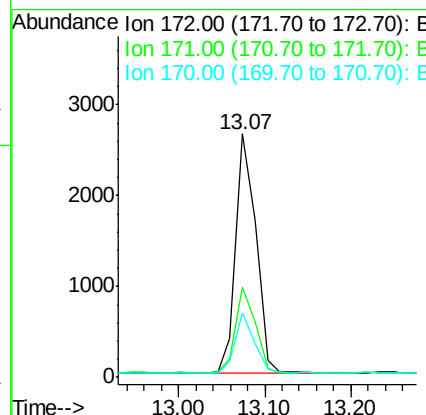
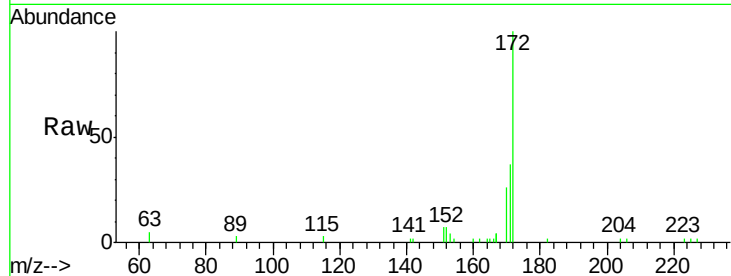
#15
2-Fluorobiphenyl
Concen: 0.224 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099463.D
Acq: 1 May 2019 14:43

Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.6	39.8
170	26.4	17.0	25.6

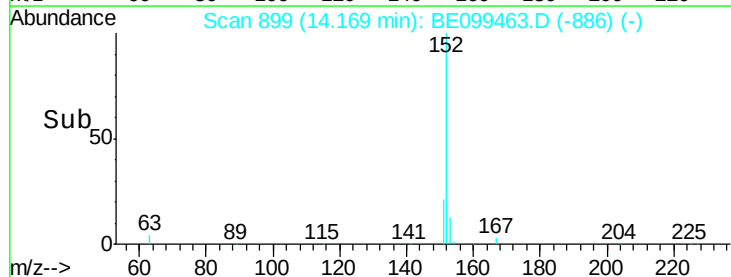
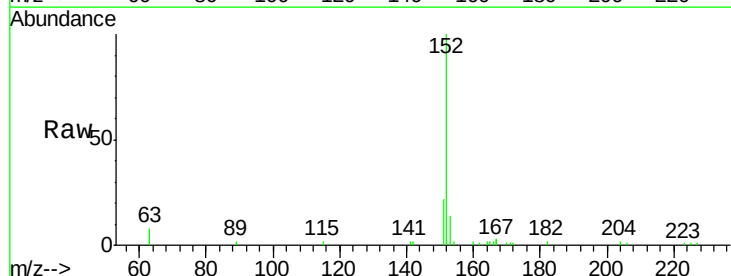
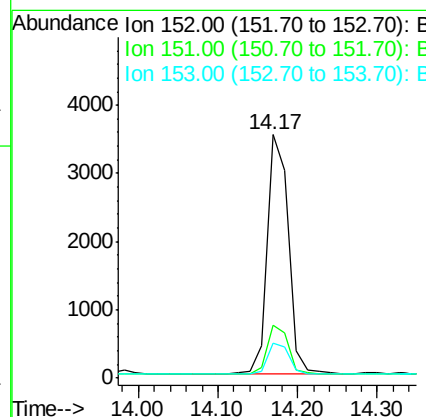
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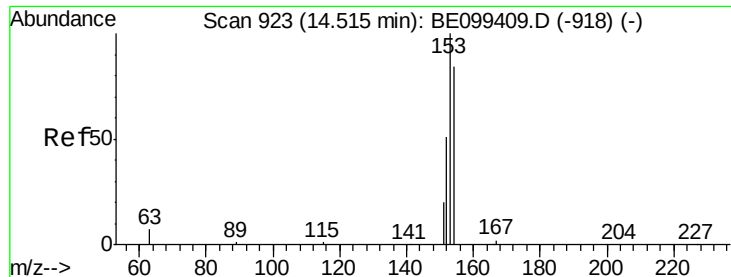
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#16
Acenaphthylene
Concen: 0.264 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099463.D
Acq: 1 May 2019 14:43

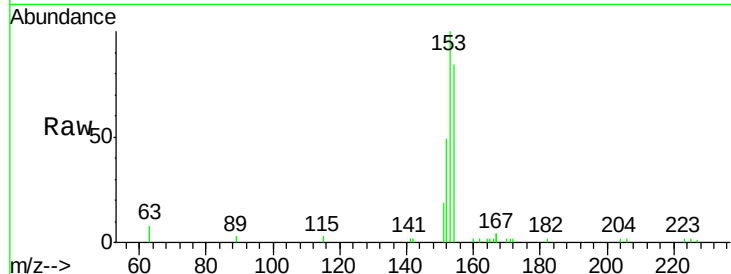
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.4	23.2
153	13.7	9.8	14.6





#17
Acenaphthene
Concen: 0.268 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099463.D
Acq: 1 May 2019 14:43

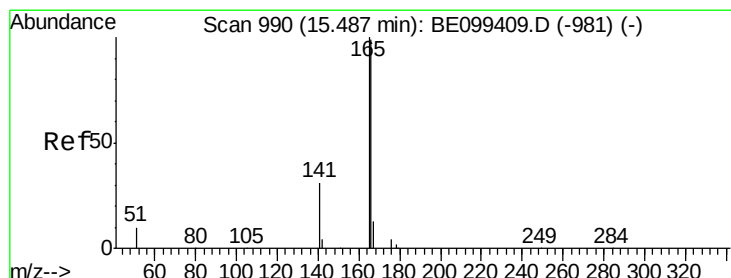
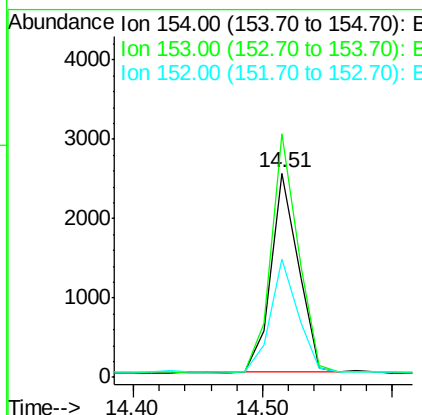
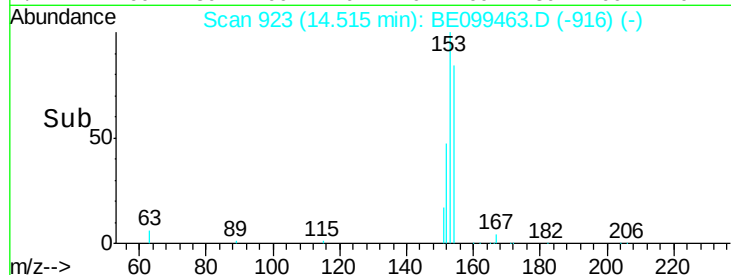
Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419MS



Tgt Ion:154 Resp: 3711
Ion Ratio Lower Upper
154 100
153 118.2 92.6 138.8
152 57.9 45.8 68.8

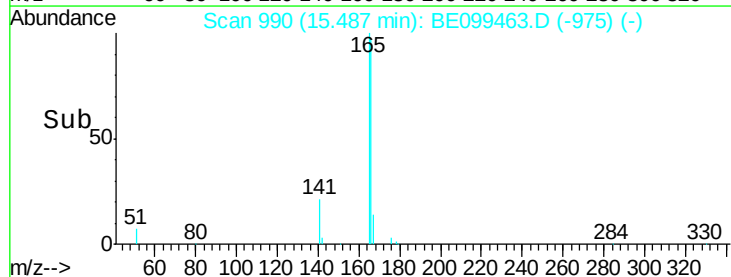
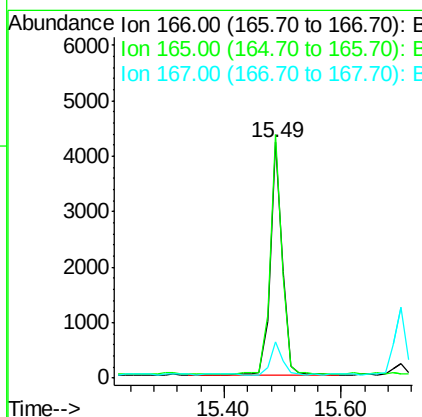
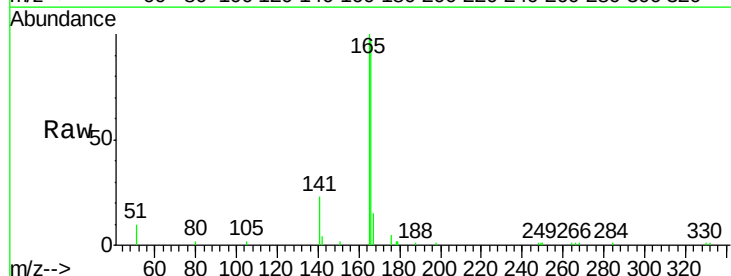
Manual Integrations
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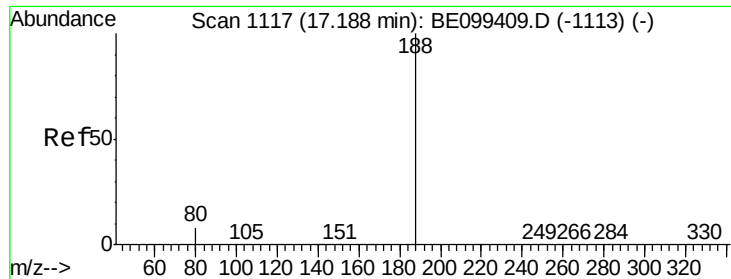
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#18
Fluorene
Concen: 0.293 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099463.D
Acq: 1 May 2019 14:43

Tgt Ion:166 Resp: 5984
Ion Ratio Lower Upper
166 100
165 99.7 80.3 120.5
167 13.8 10.7 16.1





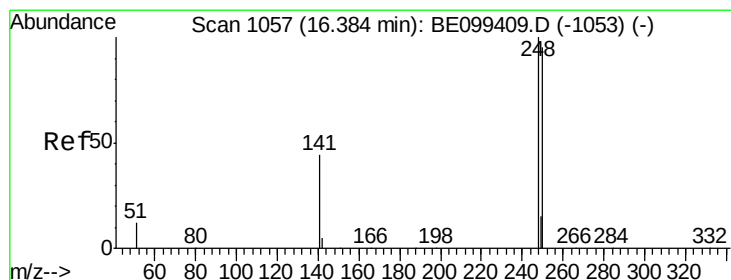
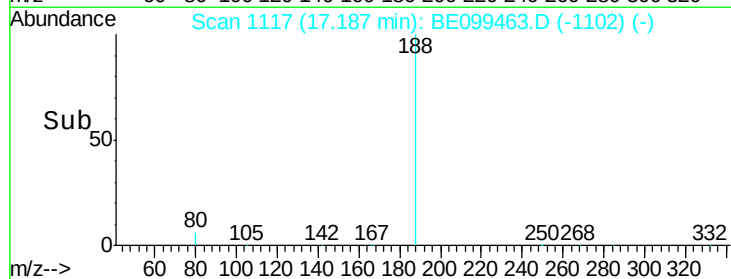
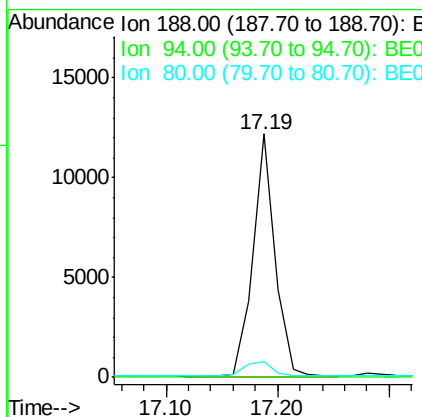
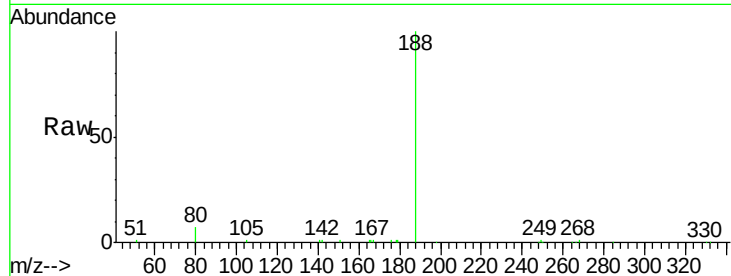
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099463.D
Acq: 1 May 2019 14:43

Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.7	10.1#

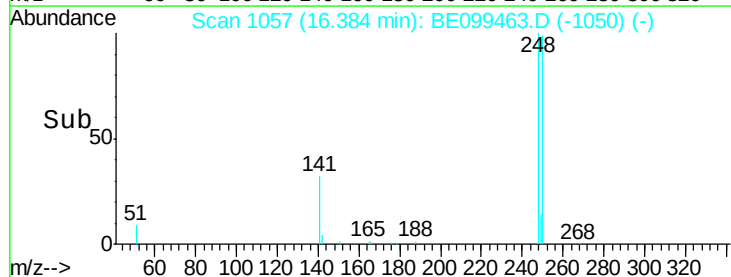
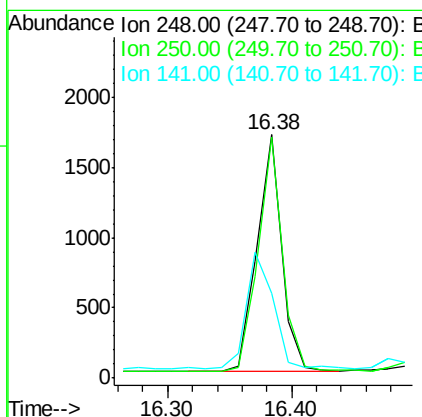
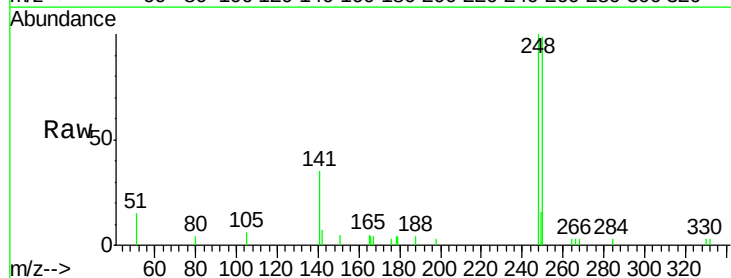
Manual Integrations
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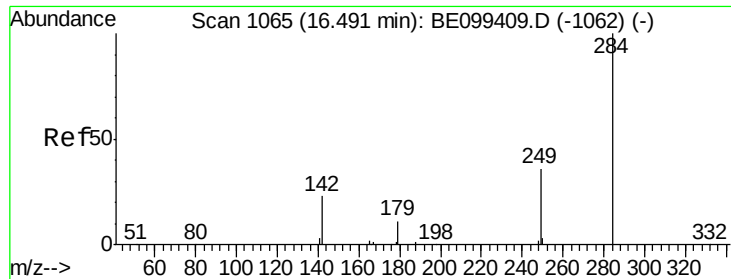
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#20
4-Bromophenyl-phenylether
Concen: 0.238 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099463.D
Acq: 1 May 2019 14:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.8	75.8	113.8
141	34.7	35.7	53.5#





#21

Hexachlorobenzene

Concen: 0.262 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

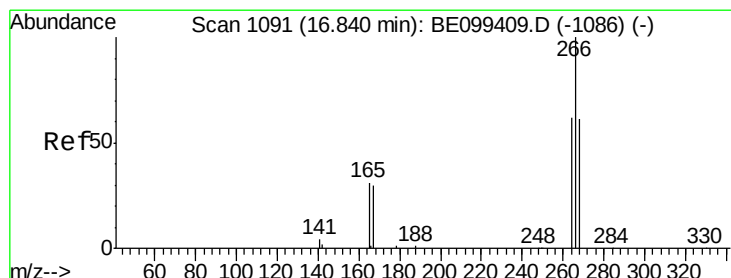
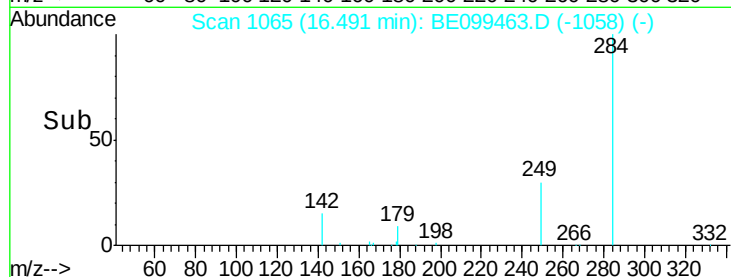
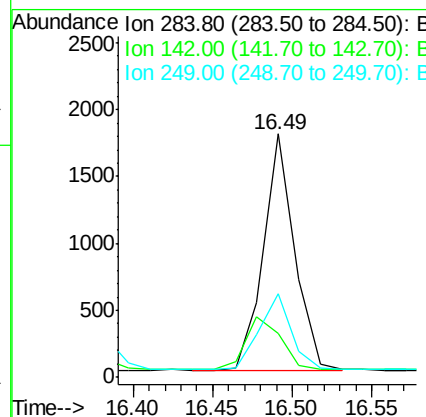
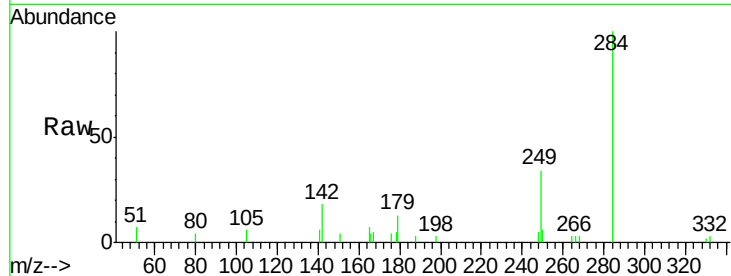
ClientSampleId :

PST-001-B186-042419MS

Tgt Ion:	284	Resp:	2443
Ion Ratio	Lower	Upper	
284	100		
142	24.6	21.0	31.6
249	32.5	26.7	40.1

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#22

Pentachlorophenol

Concen: 0.604 ng

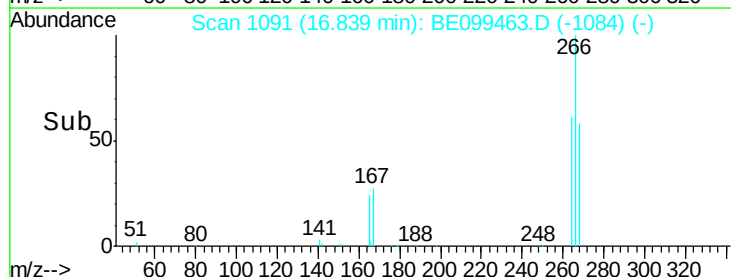
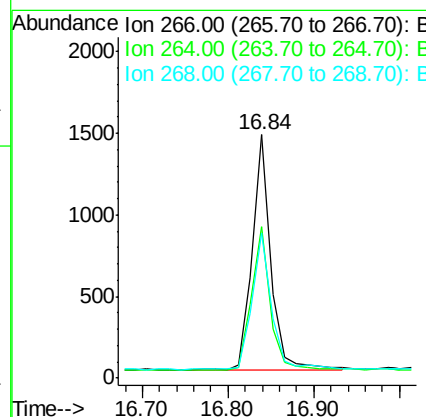
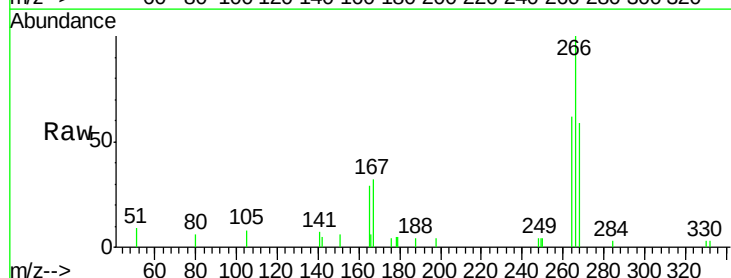
RT: 16.84 min Scan# 1091

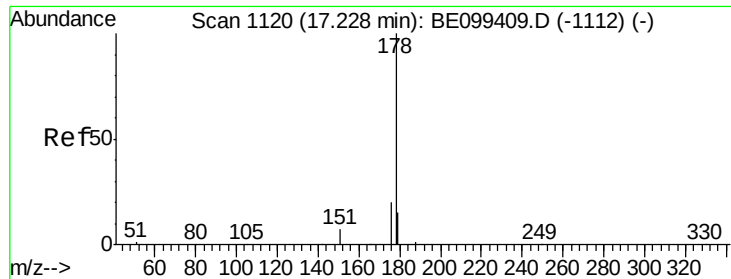
Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Tgt Ion:	266	Resp:	2181
Ion Ratio	Lower	Upper	
266	100		
264	62.1	50.8	76.2
268	59.5	50.5	75.7





#23

Phenanthrene

Concen: 0.322 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

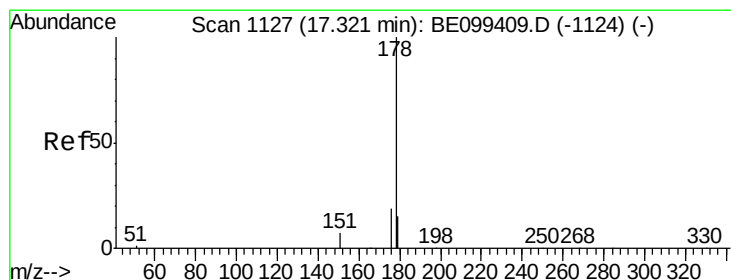
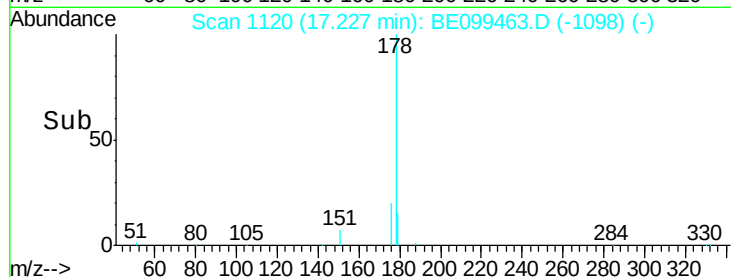
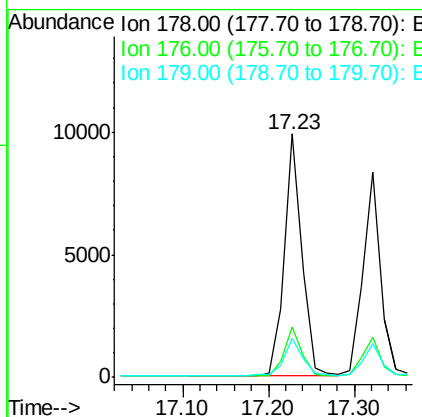
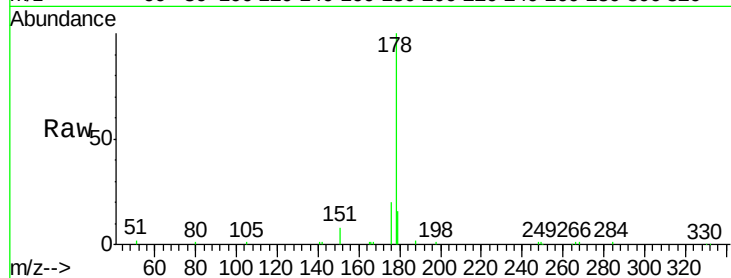
ClientSampleId :

PST-001-B186-042419MS

Tgt Ion:	178	Resp:	13973
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.6	23.4
179	16.0	12.0	18.0

Manual Integrations
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#24

Anthracene

Concen: 0.283 ng

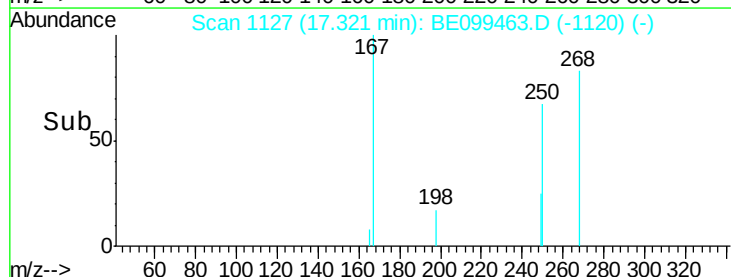
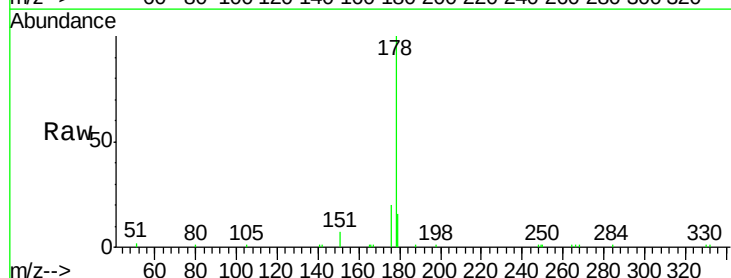
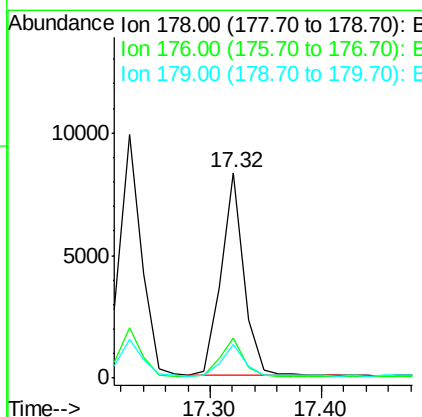
RT: 17.32 min Scan# 1127

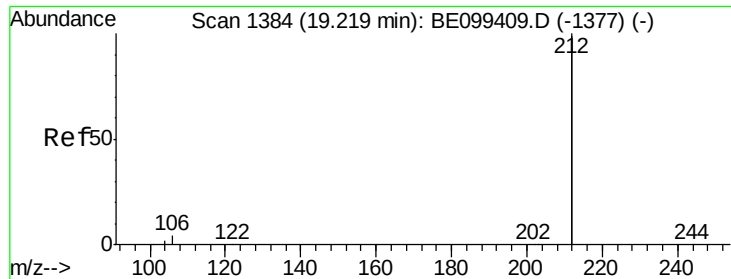
Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Tgt Ion:	178	Resp:	11719
Ion Ratio	Lower	Upper	
178	100		
176	18.9	14.9	22.3
179	15.1	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.248 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

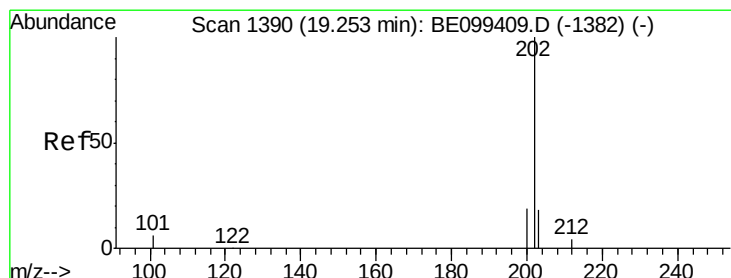
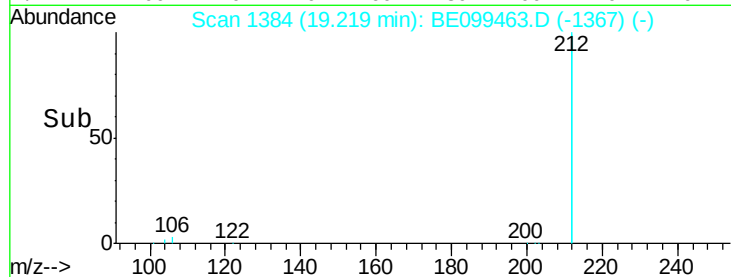
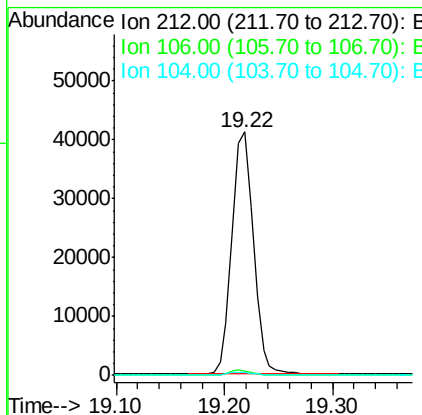
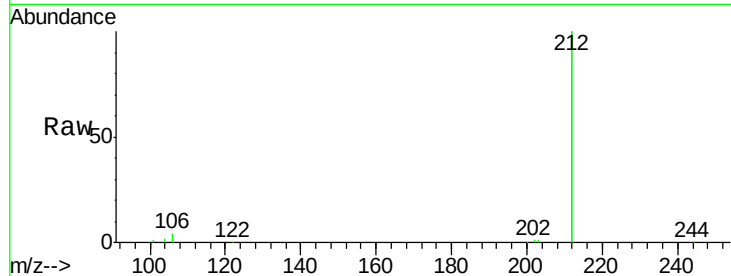
ClientSampleId :

PST-001-B186-042419MS

Tgt Ion:	212	Resp:	56128
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.5	2.3
104	1.2	0.9	1.3

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#26

Fluoranthene

Concen: 0.314 ng

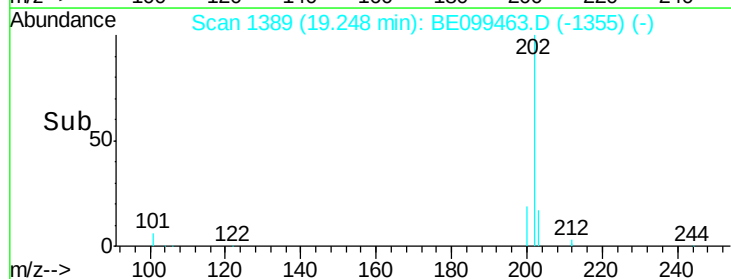
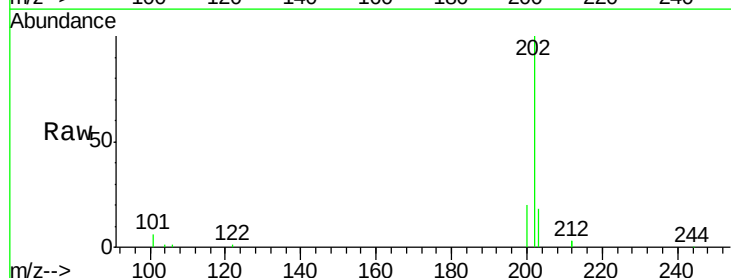
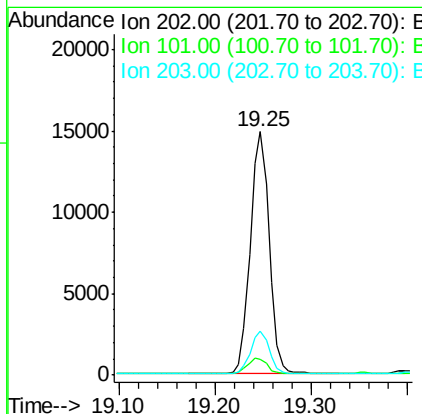
RT: 19.25 min Scan# 1389

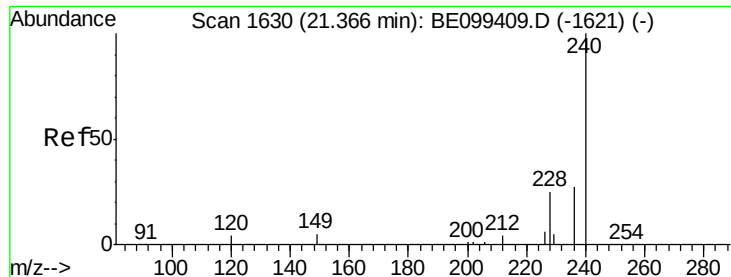
Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Tgt Ion:	202	Resp:	20379
Ion Ratio	Lower	Upper	
202	100		
101	6.9	5.4	8.0
203	17.0	13.9	20.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

PST-001-B186-042419MS

Tgt Ion:240 Resp: 22357
Ion Ratio Lower Upper

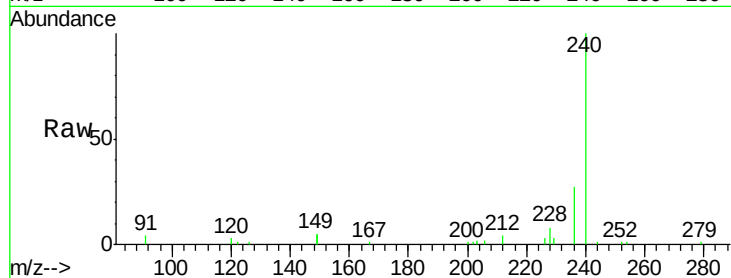
240 100

120 3.2 4.0 6.0#

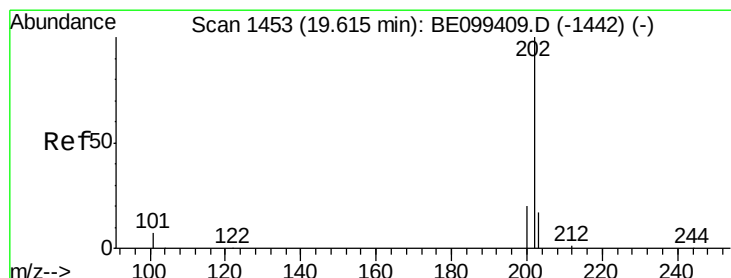
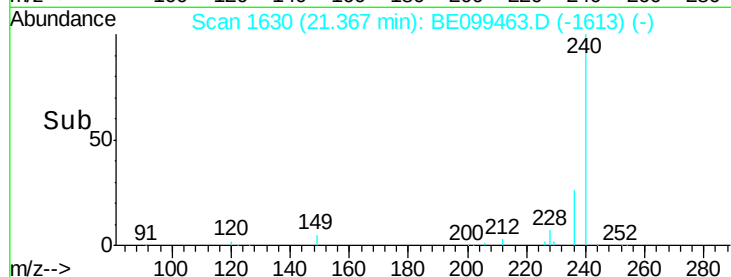
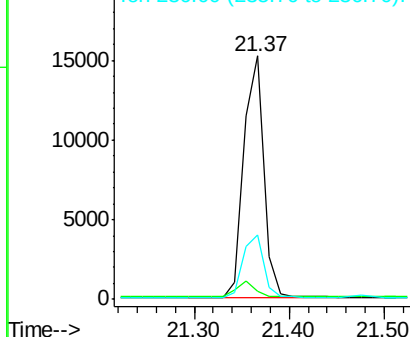
236 26.6 22.0 33.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.367 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099463.D

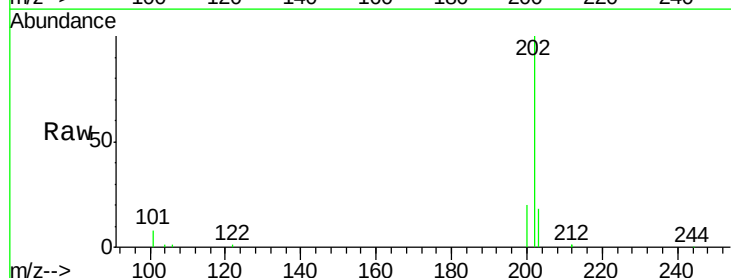
Acq: 1 May 2019 14:43

Tgt Ion:202 Resp: 21360
Ion Ratio Lower Upper

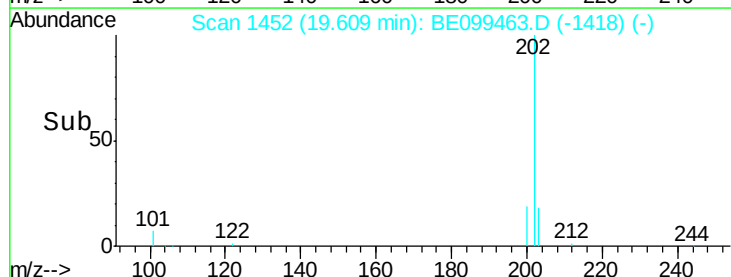
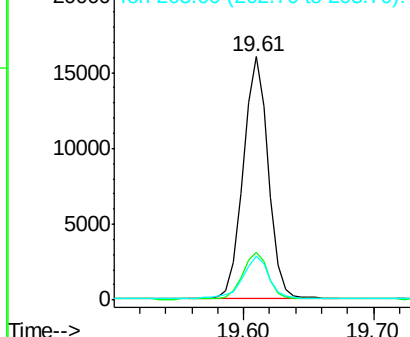
202 100

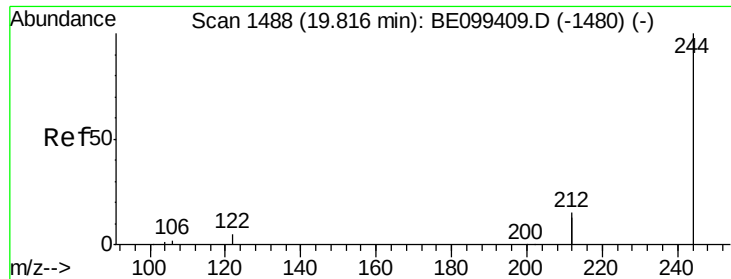
200 19.6 15.7 23.5

203 18.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.288 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

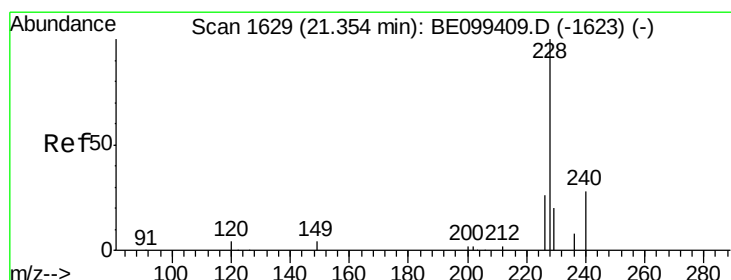
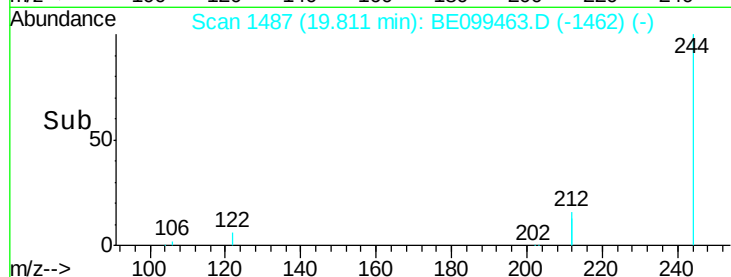
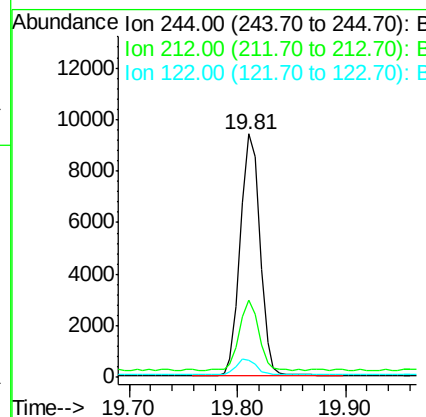
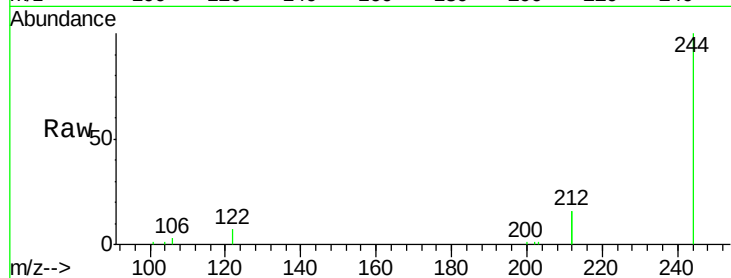
ClientSampleId :

PST-001-B186-042419MS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.8	23.2	34.8
122	7.0	4.2	6.4

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#30

Benzo(a)anthracene

Concen: 0.328 ng

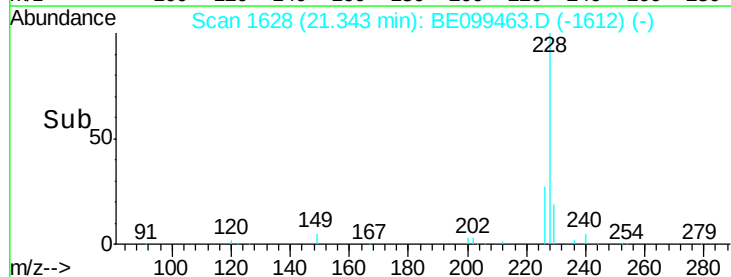
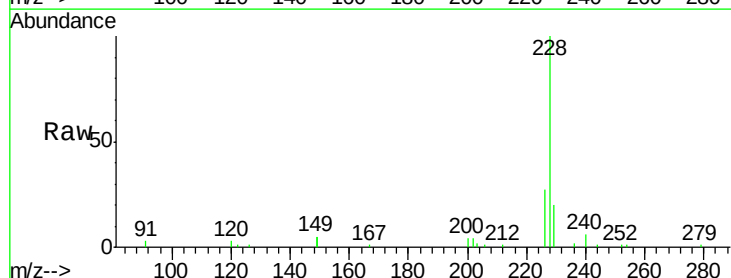
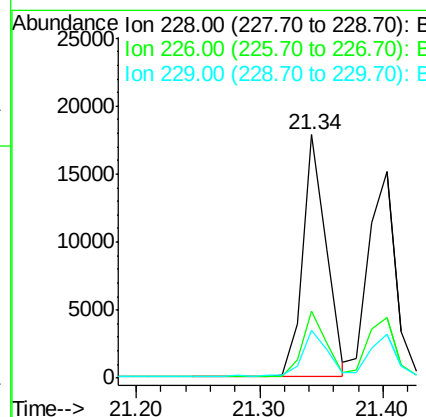
RT: 21.34 min Scan# 1628

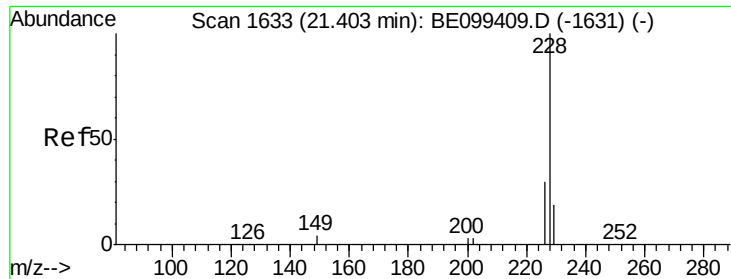
Delta R.T. -0.01 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.0	31.6
229	19.6	16.6	25.0





#31

Chrysene

Concen: 0.328 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

Instrument :

BNA_E

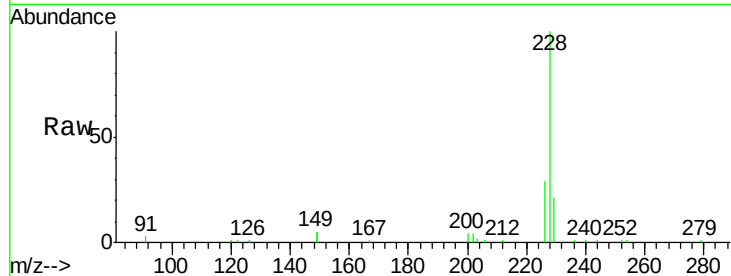
ClientSampleId :

PST-001-B186-042419MS

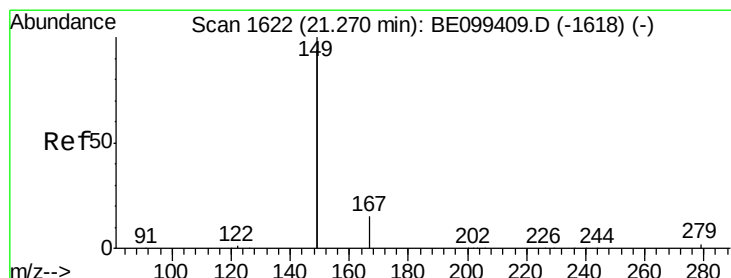
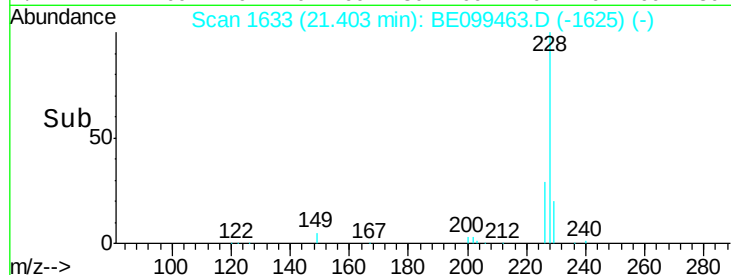
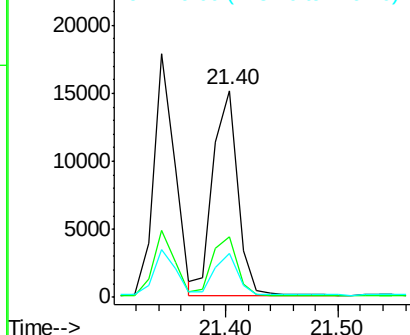
Tgt Ion:	228	Resp:	22865
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.0	36.0
229	21.1	15.8	23.8

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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: 0.354 ng

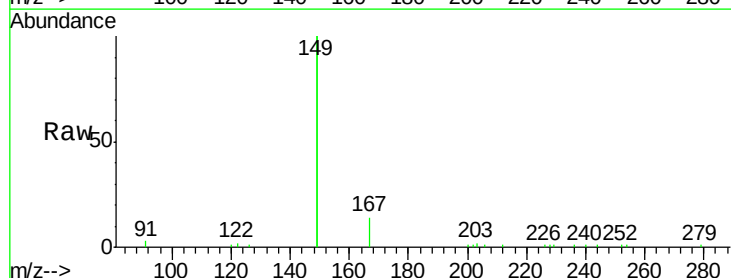
RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

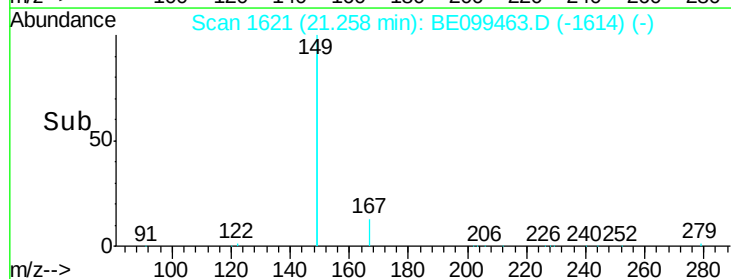
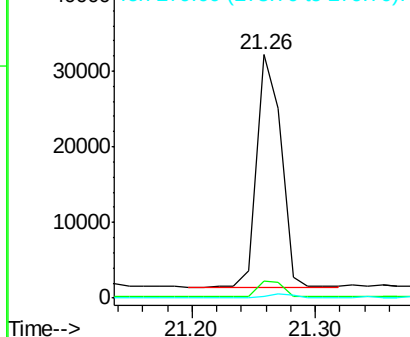
Lab File: BE099463.D

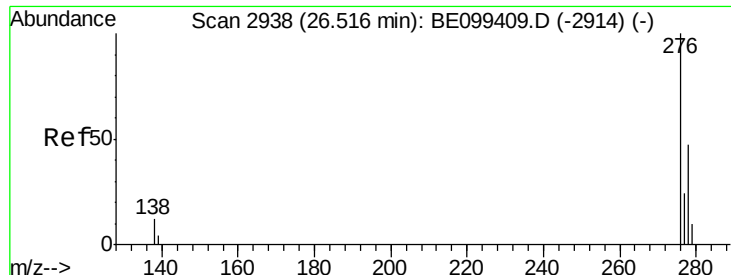
Acq: 1 May 2019 14:43

Tgt Ion:	149	Resp:	42732
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.8	8.6
279	1.5	1.0	1.6



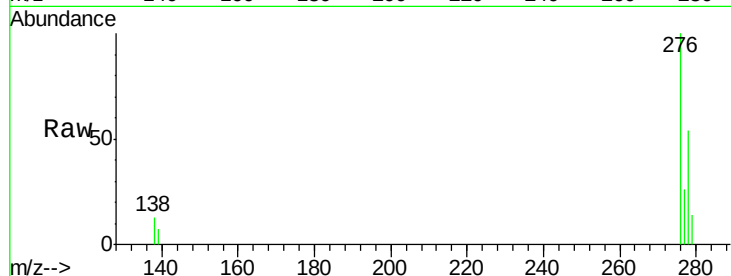
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.307 ng
 RT: 26.51 min Scan# 2936
 Delta R.T. -0.01 min
 Lab File: BE099463.D
 Acq: 1 May 2019 14:43

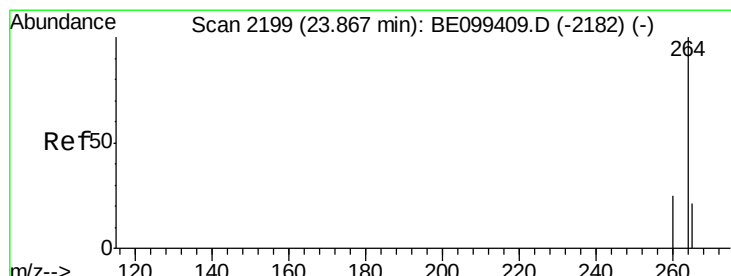
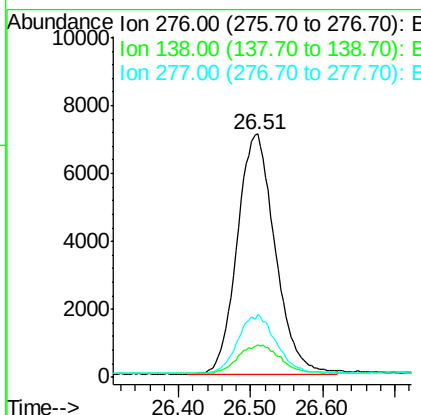
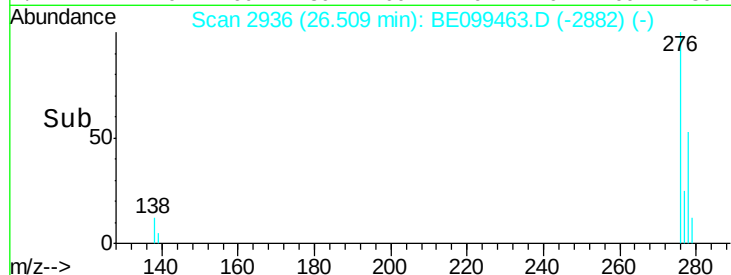
Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B186-042419MS



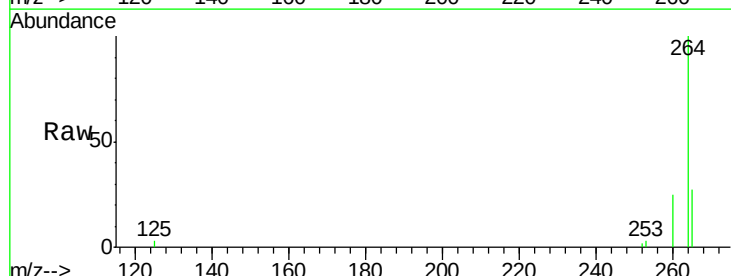
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.8	10.2	15.2
277	24.6	19.2	28.8

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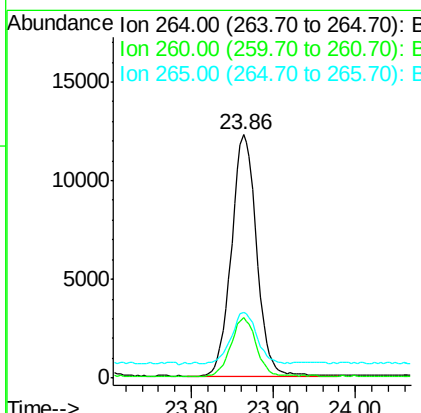
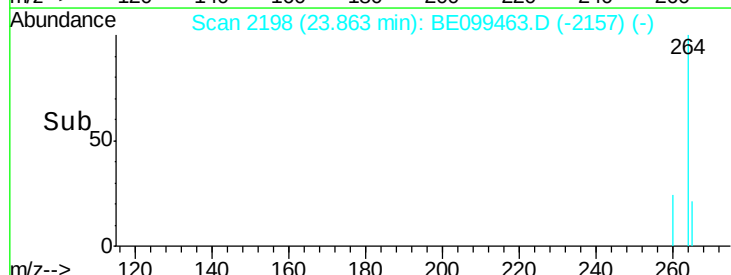
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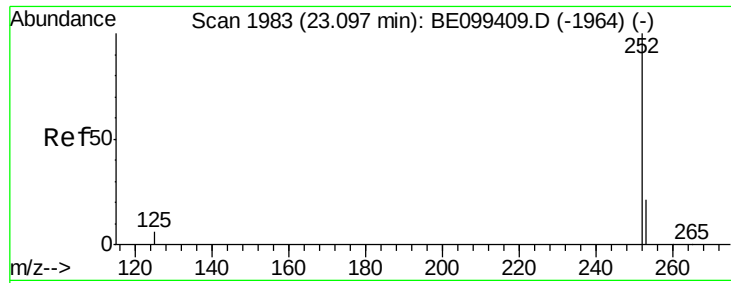


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099463.D
 Acq: 1 May 2019 14:43



Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.9	20.2	30.2
265	27.1	21.3	31.9





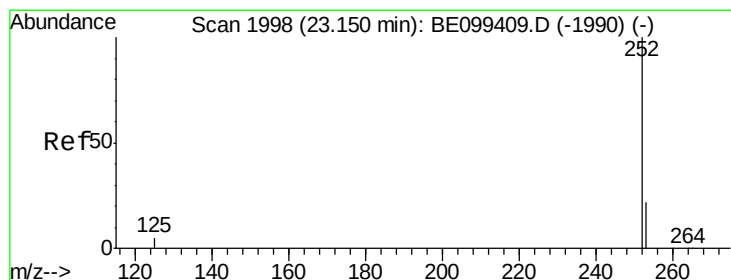
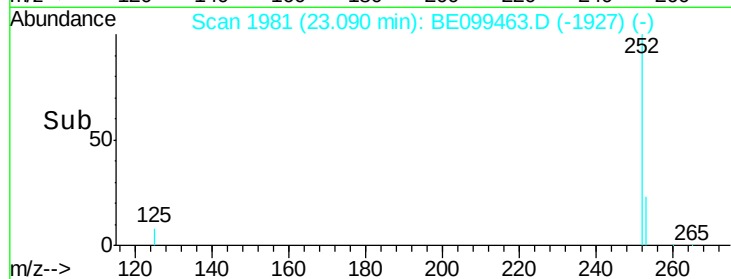
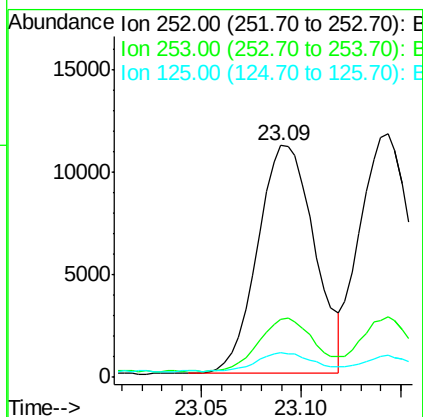
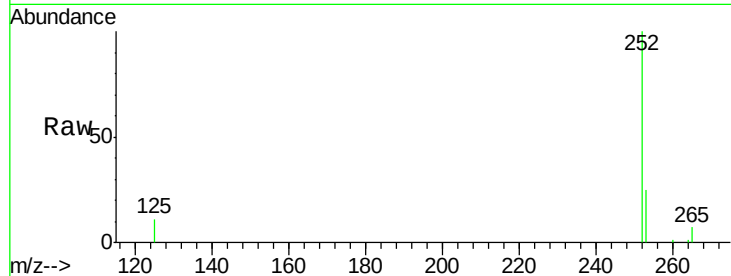
#35
Benzo(b)fluoranthene
Concen: 0.294 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BE099463.D
Acq: 1 May 2019 14:43

Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	10.6	5.6	8.4#

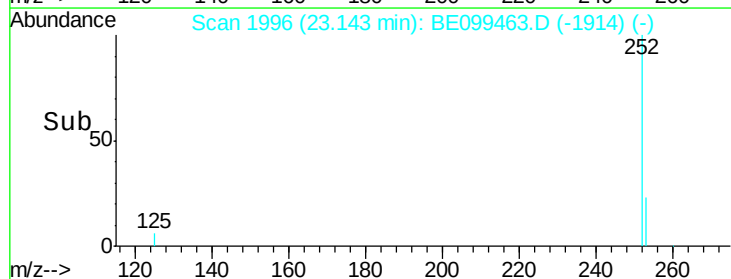
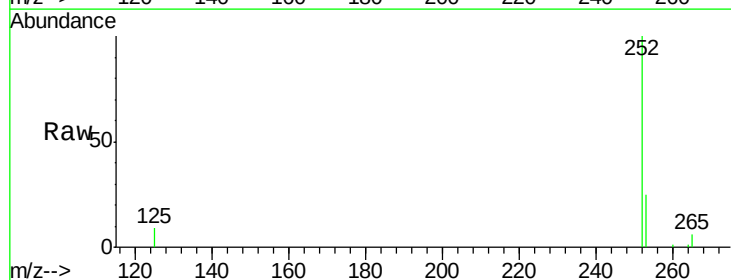
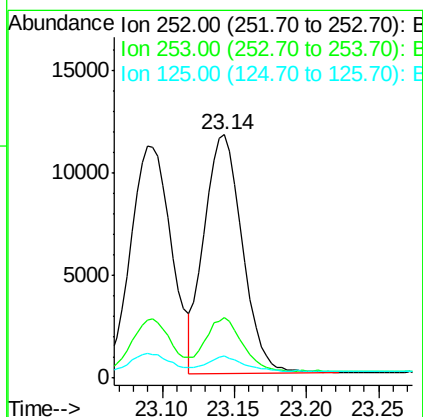
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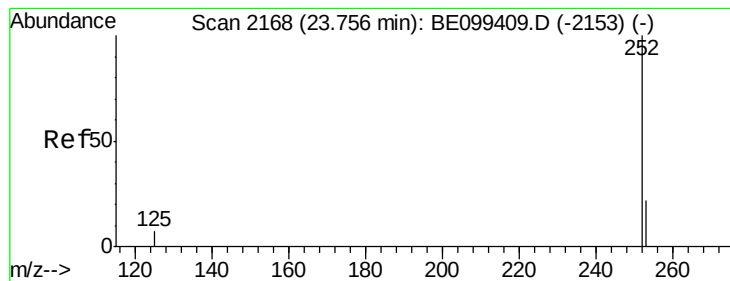
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#36
Benzo(k)fluoranthene
Concen: 0.296 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099463.D
Acq: 1 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.4	27.6
125	8.9	5.0	7.4#





#37

Benzo(a)pyrene

Concen: 0.297 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE099463.D

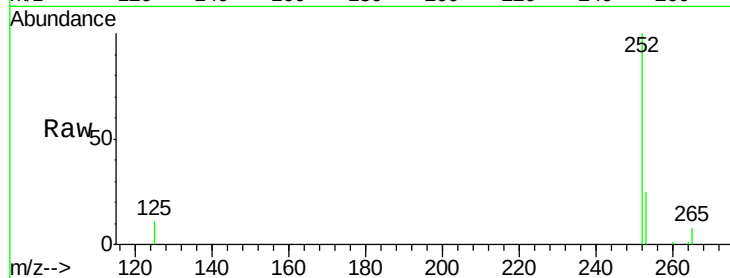
Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:252 Resp: 21048

Ion Ratio Lower Upper

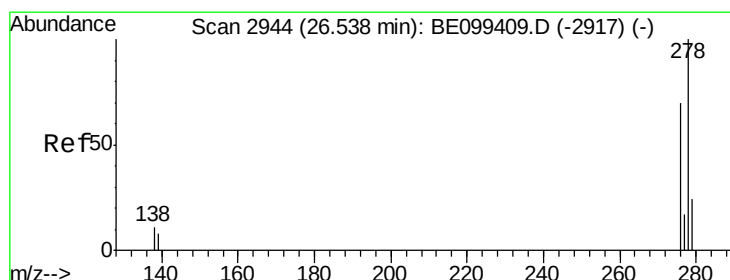
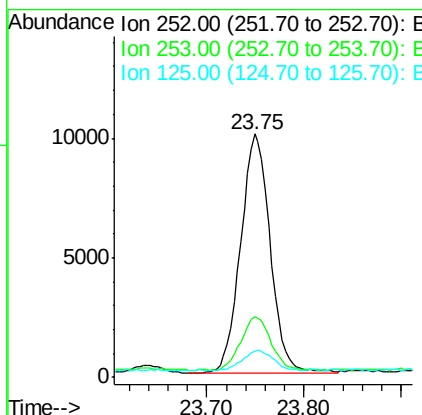
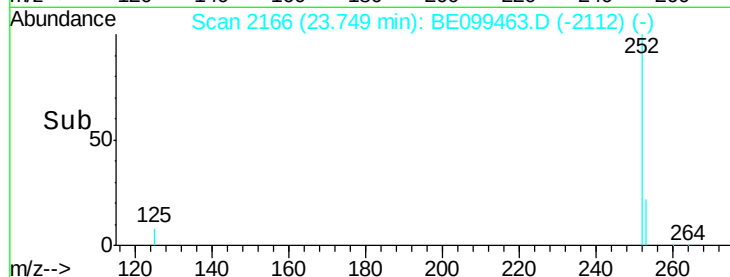
252 100

253 24.9 18.9 28.3

125 11.0 6.7 10.1#

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#38

Dibenzo(a,h)anthracene

Concen: 0.290 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BE099463.D

Acq: 1 May 2019 14:43

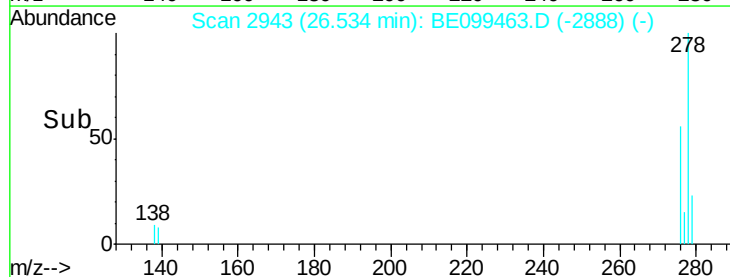
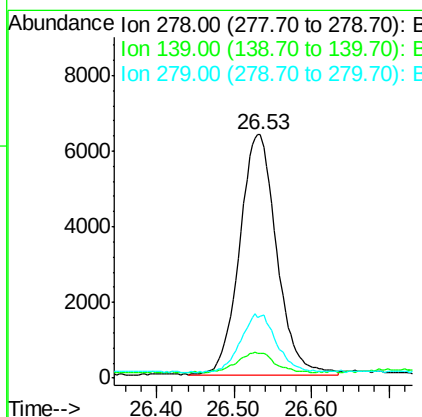
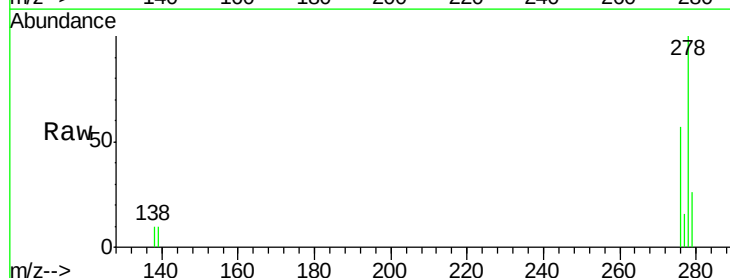
Tgt Ion:278 Resp: 21027

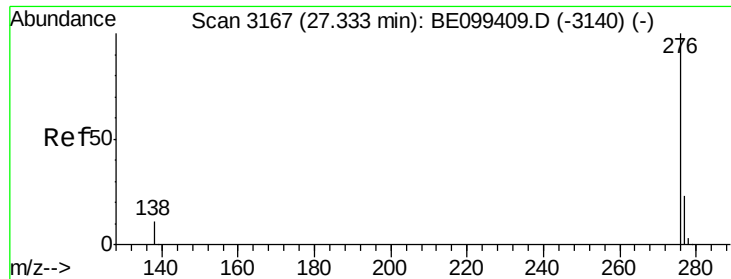
Ion Ratio Lower Upper

278 100

139 10.0 7.7 11.5

279 25.5 20.2 30.2





#39

Benzo(g,h,i)perylene

Concen: 0.298 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE099463.D

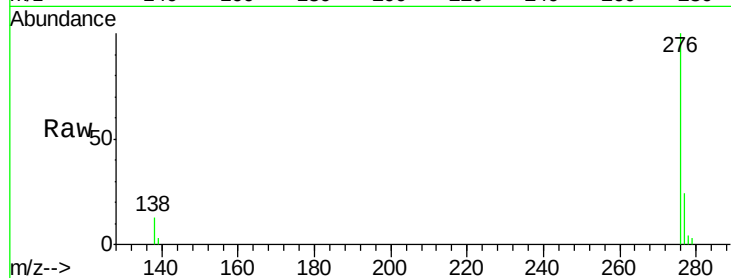
Acq: 1 May 2019 14:43

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:	276	Resp:	21619
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.5	29.3
138	13.4	9.6	14.4

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