

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
 Data File : BE099502.D
 Acq On : 2 May 2019 20:32
 Operator : JU/SJ
 Sample : K2589-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B196-042519MS

Manual Integrations
 APPROVED

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 5/3/2019 4:23:28 PM

Quant Time: May 03 05:10:21 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	7.80	152	2254	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	7629	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5536	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	17237	0.40	ng	0.00
27) Chrysene-d12	21.37	240	25361	0.40	ng	0.00
34) Perylene-d12	23.87	264	29188	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	1706	0.27	ng	0.00
5) Phenol-d6	6.96	99	2635	0.32	ng	-0.01
8) Nitrobenzene-d5	8.96	82	2052	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	3366m	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1052	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	5059	0.24	ng	-0.02
25) Fluoranthene-d10	19.22	212	57515	0.25	ng	0.00
29) Terphenyl-d14	19.82	244	12959	0.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	708	0.228	ng	# 63
3) n-Nitrosodimethylamine	3.62	42	699	0.374	ng	# 83
6) bis(2-Chloroethyl)ether	7.23	93	1789	0.250	ng	90
9) Naphthalene	10.65	128	50359	0.606	ng	100
10) Hexachlorobutadiene	10.93	225	1488	0.257	ng	98
12) 2-Methylnaphthalene	12.27	142	28626	1.980	ng	97
16) Acenaphthylene	14.18	152	16197	0.598	ng	98
17) Acenaphthene	14.51	154	4774	0.309	ng	97
18) Fluorene	15.49	166	10284	0.451	ng	99
20) 4-Bromophenyl-phenylether	16.39	248	2521	0.251	ng	96
21) Hexachlorobenzene	16.49	284	2296	0.240	ng	95
22) Pentachlorophenol	16.84	266	3267	0.784	ng	96
23) Phenanthrene	17.23	178	41831	0.940	ng	100
24) Anthracene	17.32	178	15695	0.370	ng	98
26) Fluoranthene	19.25	202	69103	1.037	ng	100
28) Pyrene	19.61	202	69466	1.051	ng	97
30) Benzo(a)anthracene	21.35	228	56927	0.705	ng	96
31) Chrysene	21.40	228	53502	0.677	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	51360	0.379	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	49460	0.529	ng	98
35) Benzo(b)fluoranthene	23.10	252	62315	0.740	ng	# 96
36) Benzo(k)fluoranthene	23.15	252	40075	0.494	ng	# 97
37) Benzo(a)pyrene	23.76	252	52019	0.654	ng	99
38) Dibenzo(a,h)anthracene	26.54	278	27951	0.343	ng	98
39) Benzo(g,h,i)perylene	27.33	276	45660	0.560	ng	99

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

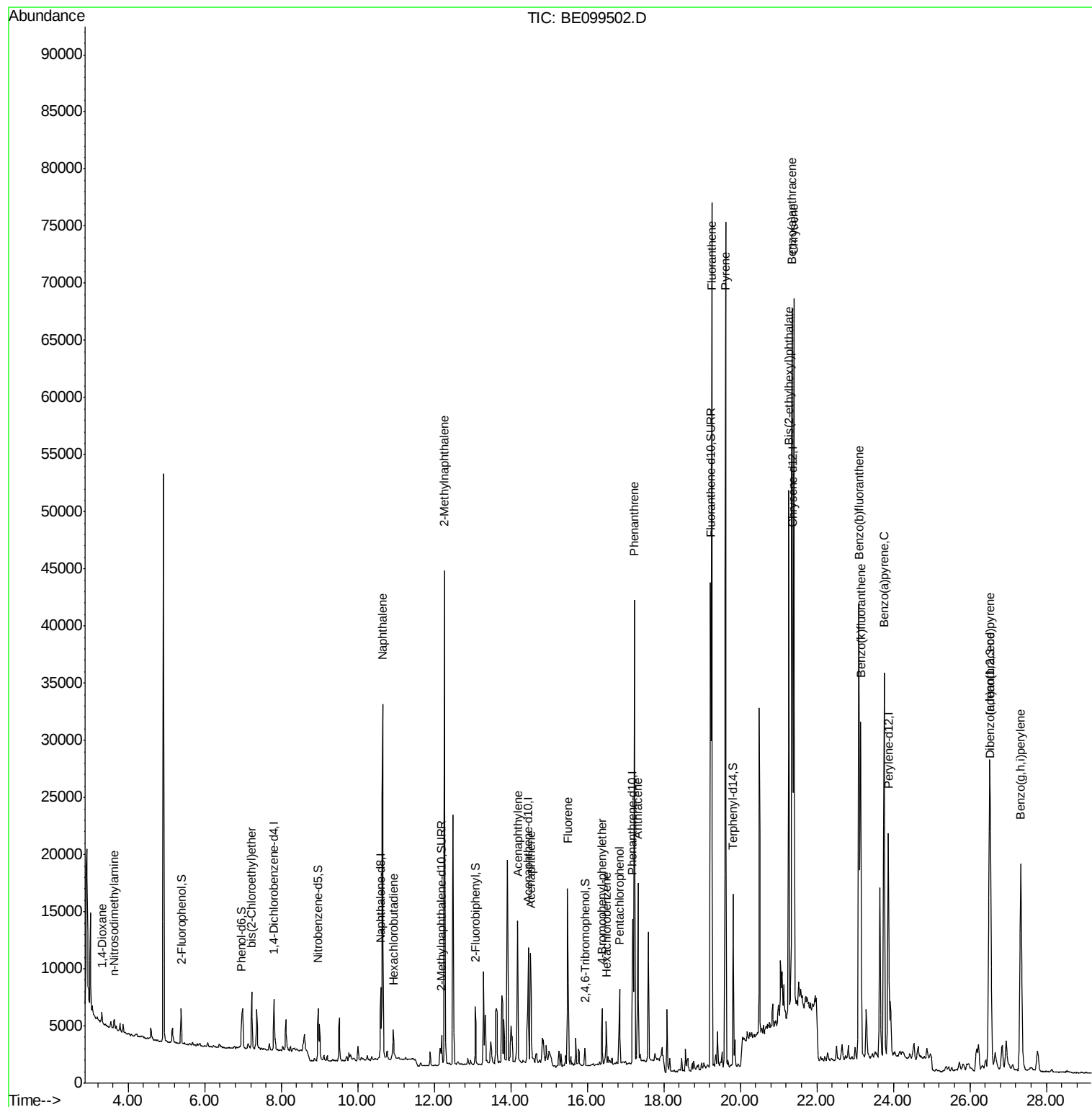
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
Data File : BE099502.D
Acq On : 2 May 2019 20:32
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Misc :
ALS Vial : 12 Sample Multiplier: 1

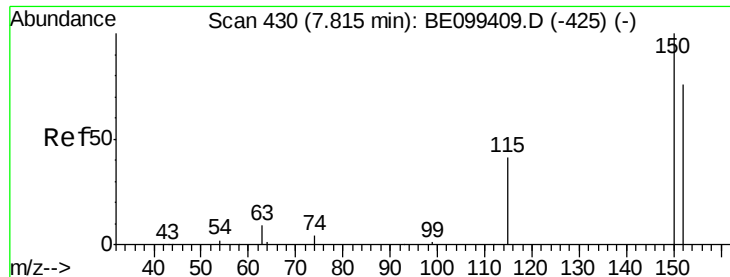
Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099502.D

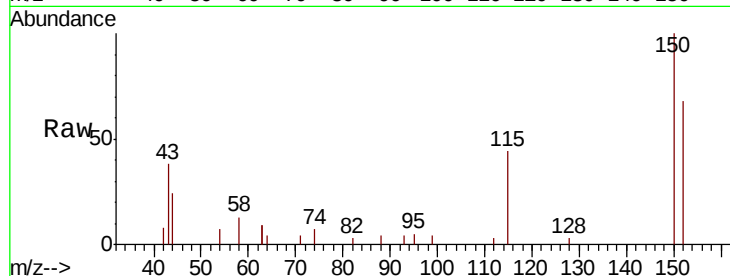
Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

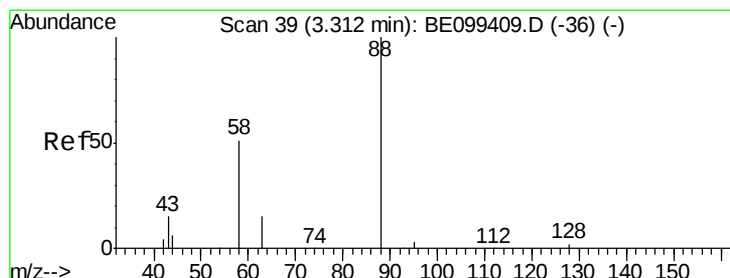
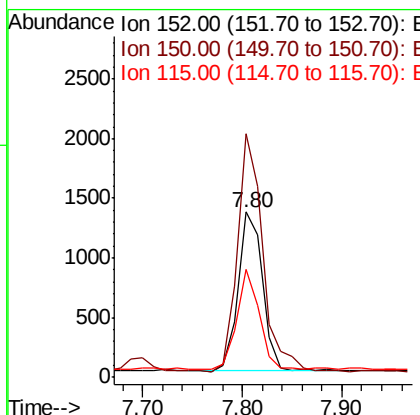
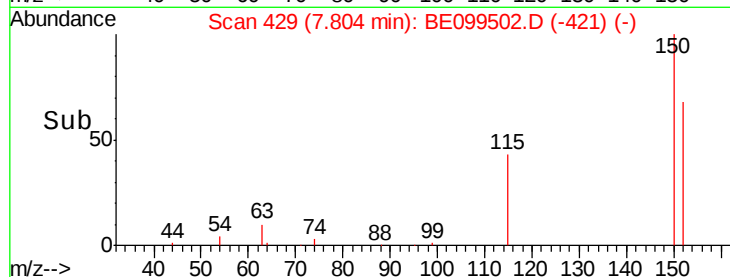
PST-001-B196-042519MS



Tgt Ion:	152	Resp:	2254
Ion	Ratio	Lower	Upper
152	100		
150	147.4	104.8	157.2
115	65.5	46.6	69.8

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#2

1,4-Dioxane

Concen: 0.228 ng

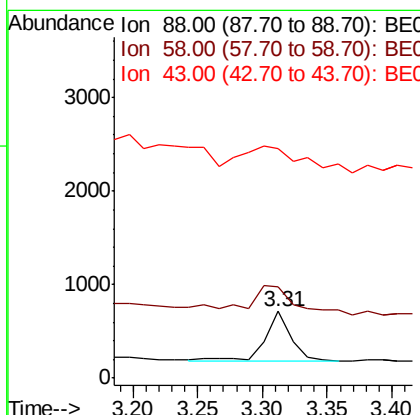
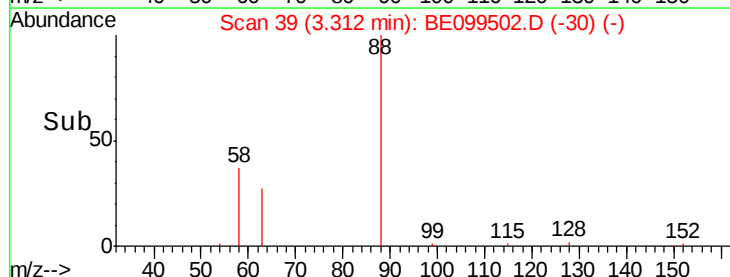
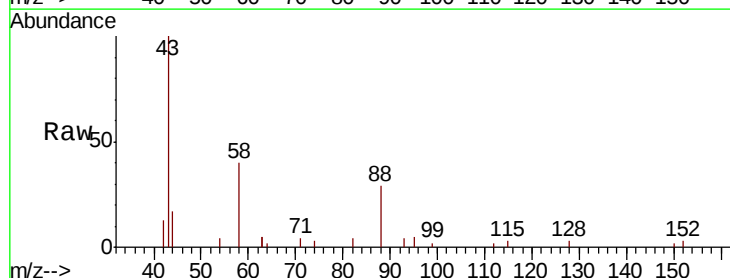
RT: 3.31 min Scan# 39

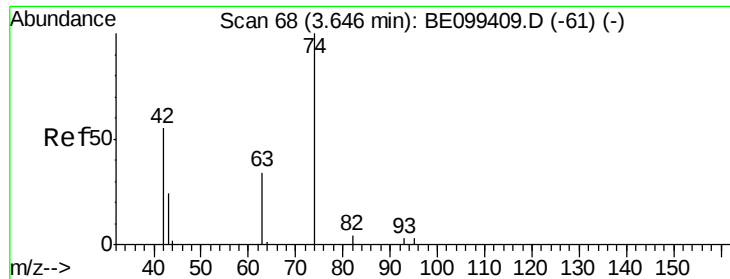
Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Tgt Ion:	88	Resp:	708
Ion	Ratio	Lower	Upper
88	100		
58	64.0	51.0	76.6
43	90.0	20.6	30.8#





#3

n-Nitrosodimethylamine

Concen: 0.374 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

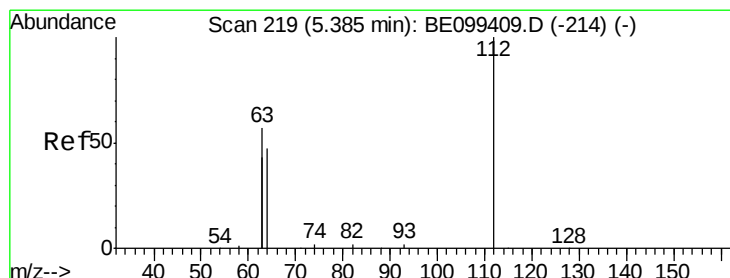
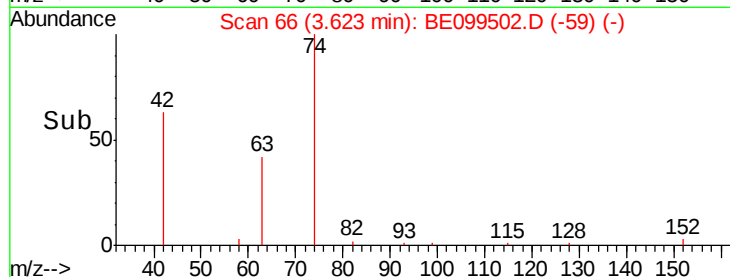
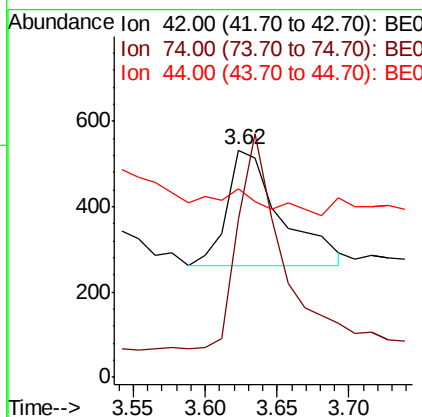
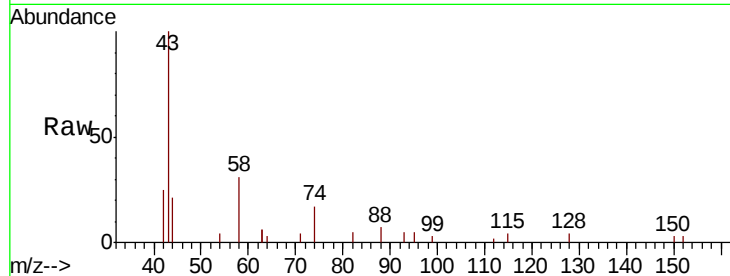
ClientSampleId :

PST-001-B196-042519MS

Tgt Ion:	42	Resp:	699
Ion	Ratio	Lower	Upper
42	100		
74	152.6	141.6	212.4
44	14.7	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.274 ng

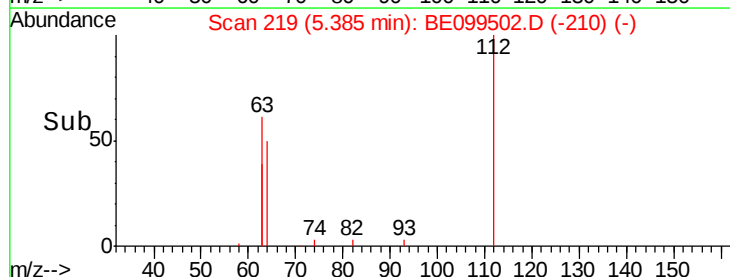
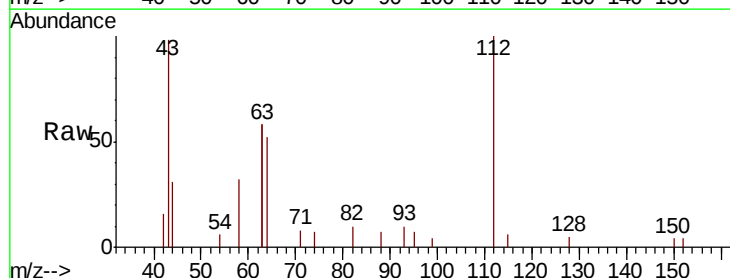
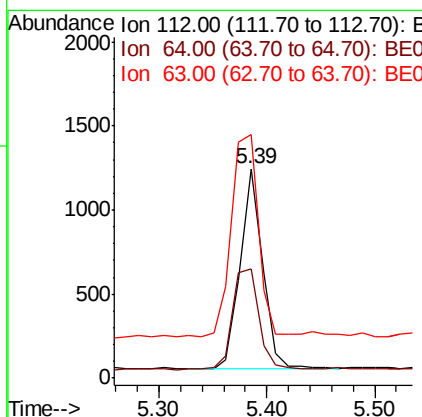
RT: 5.39 min Scan# 219

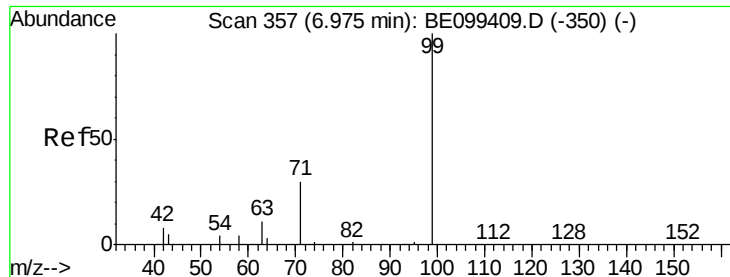
Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Tgt Ion:	112	Resp:	1706
Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.4	71.0
63	120.3	104.3	156.5





#5

Phenol-d6

Concen: 0.318 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

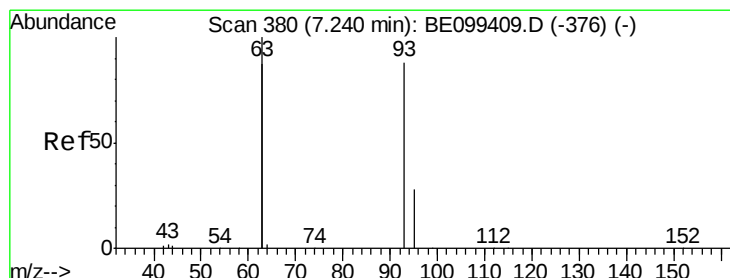
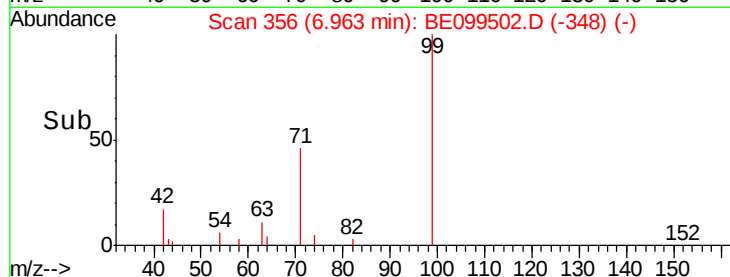
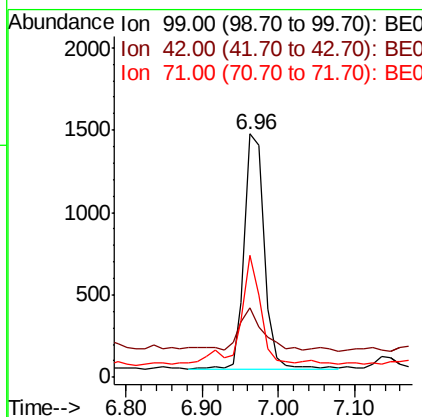
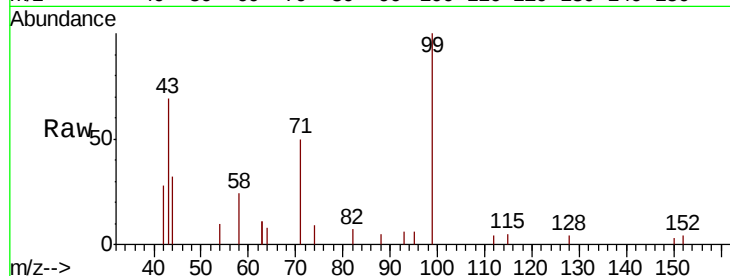
ClientSampleId :

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Tgt Ion:	99	Resp:	2635
Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.9	22.3
71	42.4	33.0	49.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.250 ng

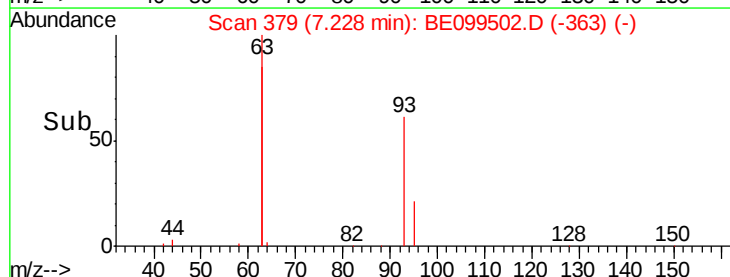
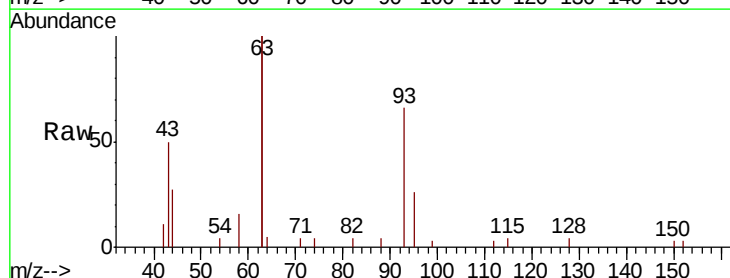
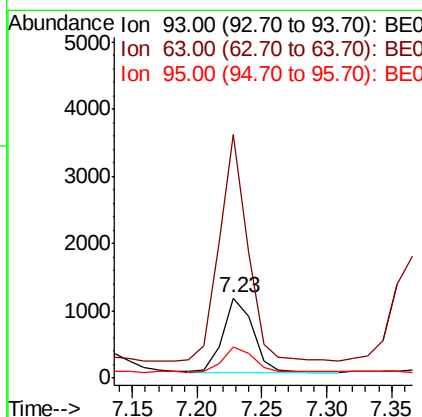
RT: 7.23 min Scan# 379

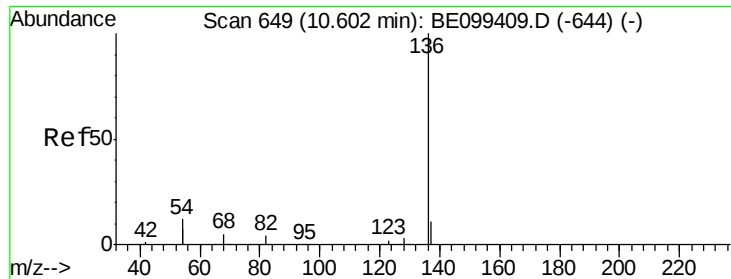
Delta R.T. -0.01 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Tgt Ion:	93	Resp:	1789
Ion	Ratio	Lower	Upper
93	100		
63	288.7	215.6	323.4
95	37.1	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: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

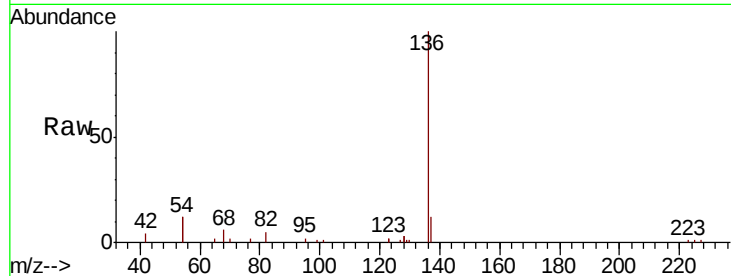
ClientSampleId :

PST-001-B196-042519MS

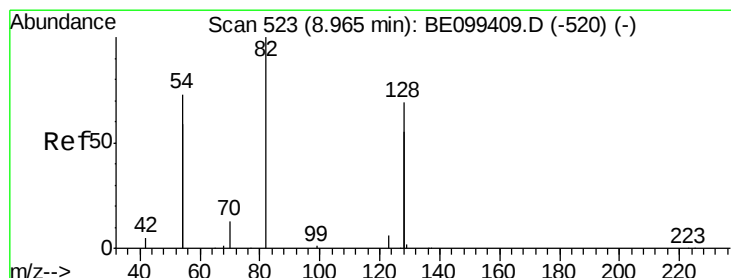
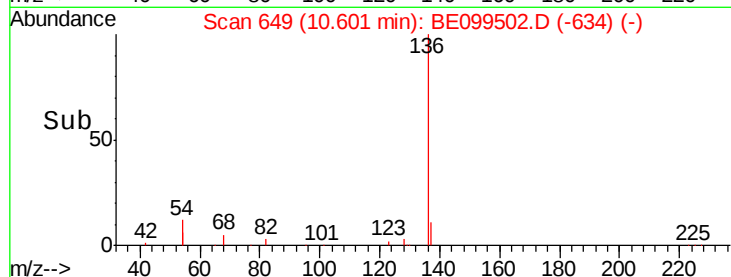
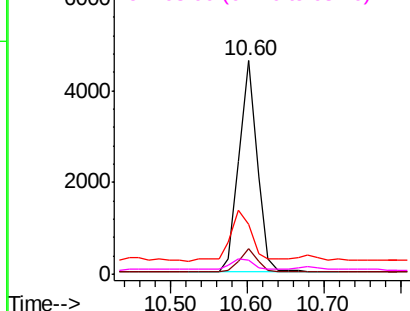
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	23.5	18.5	27.7
68	6.5	4.7	7.1

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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: 0.287 ng

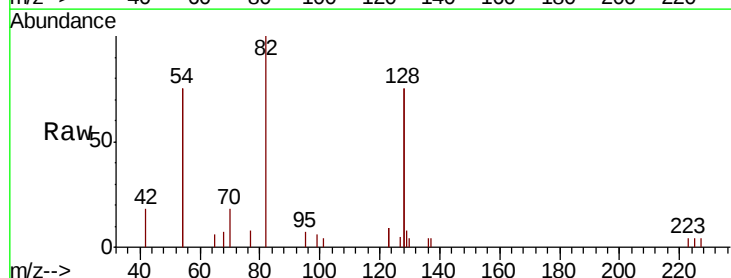
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

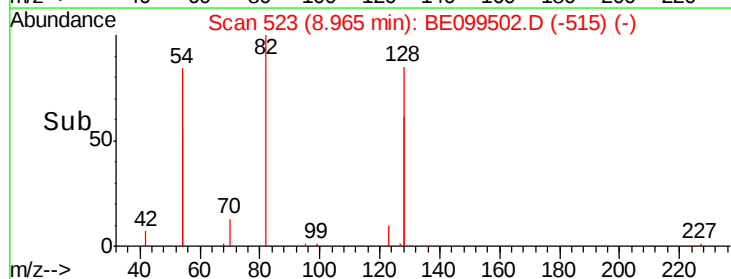
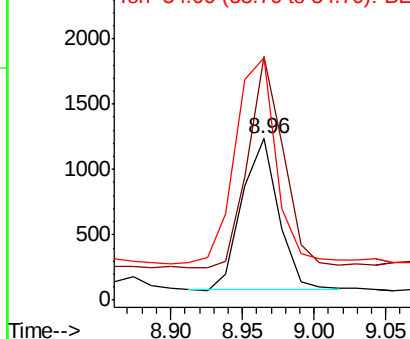
Lab File: BE099502.D

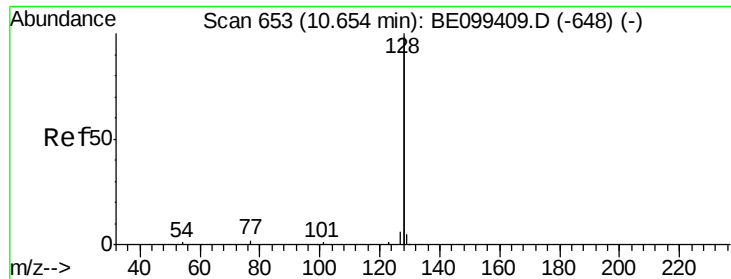
Acq: 2 May 2019 20:32

Tgt Ion	Ratio	Lower	Upper
82	100		
128	150.7	107.0	160.4
54	149.7	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: 0.606 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

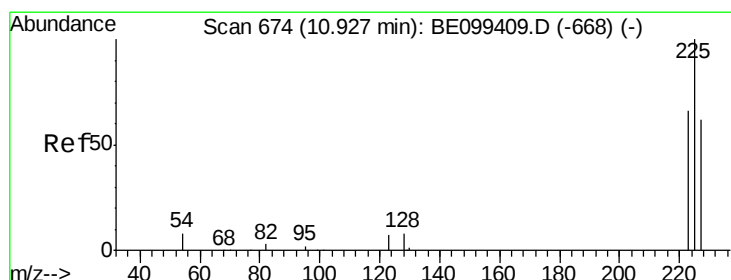
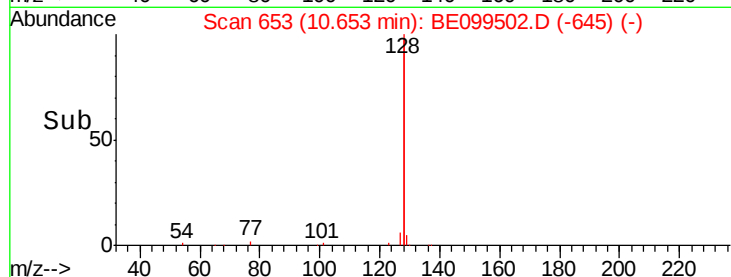
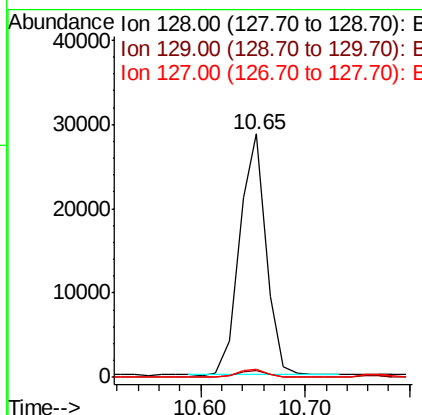
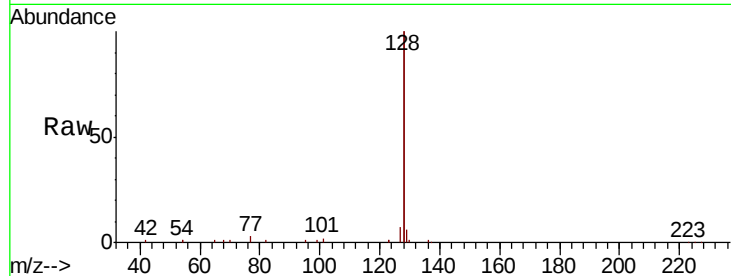
ClientSampleId :

PST-001-B196-042519MS

Tgt Ion:	128	Resp:	50359
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.4	3.6
127	3.4	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.257 ng

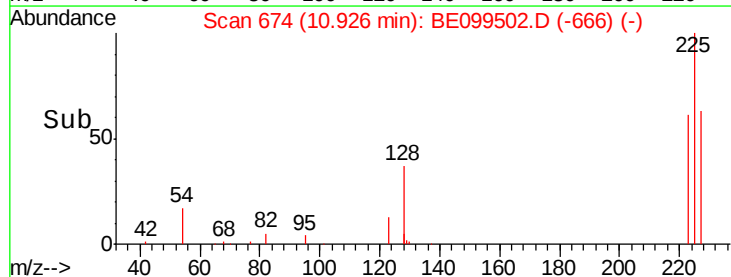
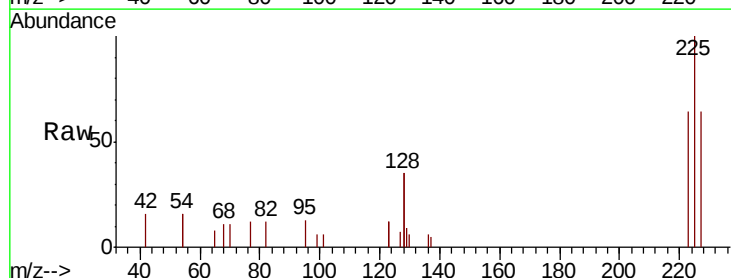
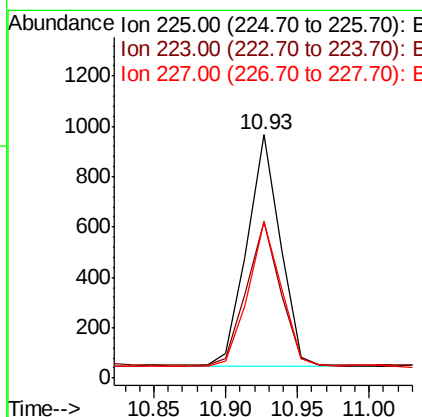
RT: 10.93 min Scan# 674

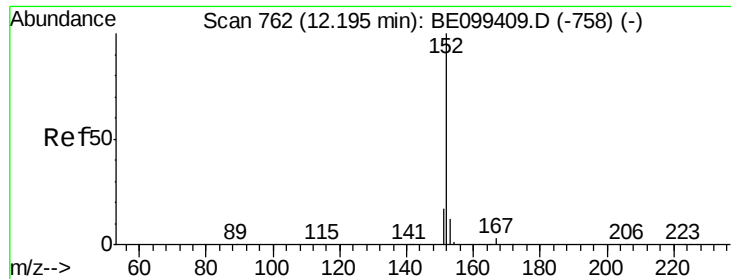
Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Tgt Ion:	225	Resp:	1488
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.0	76.6
227	61.9	50.9	76.3





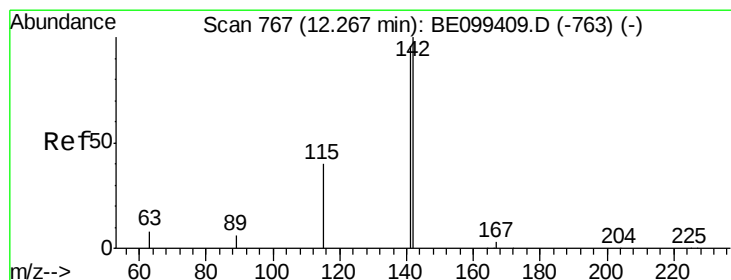
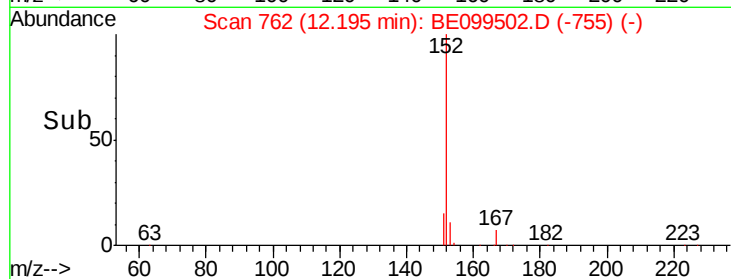
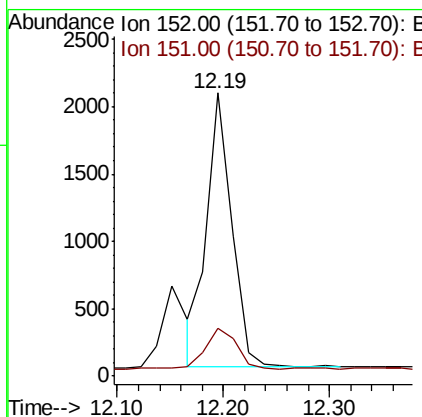
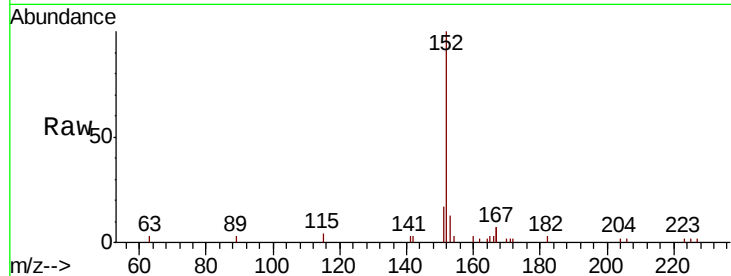
#11
 2-Methylnaphthalene-d10
 Concen: 0.245 ng m
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099502.D
 Acq: 2 May 2019 20:32

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B196-042519MS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.5	23.3

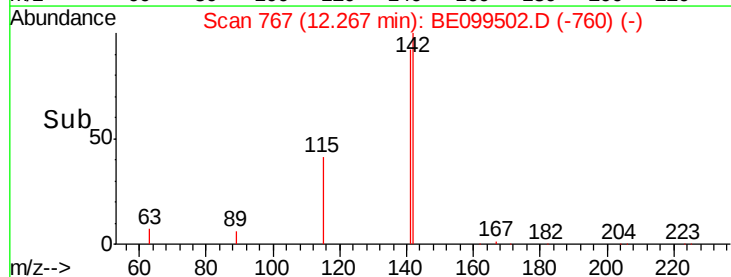
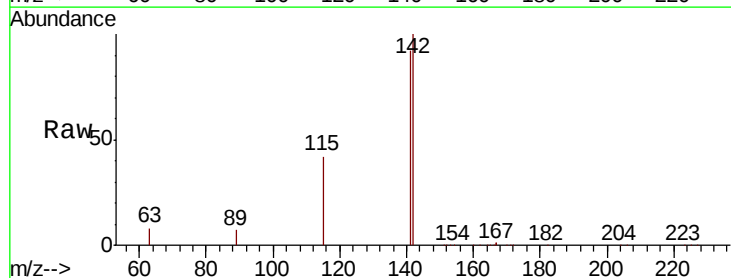
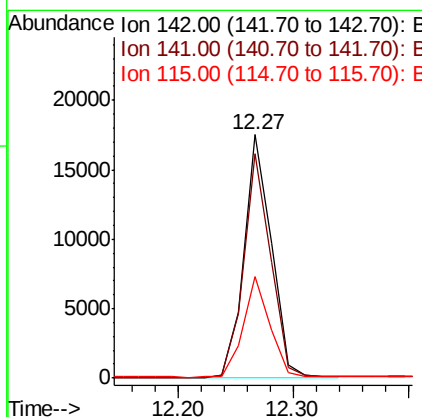
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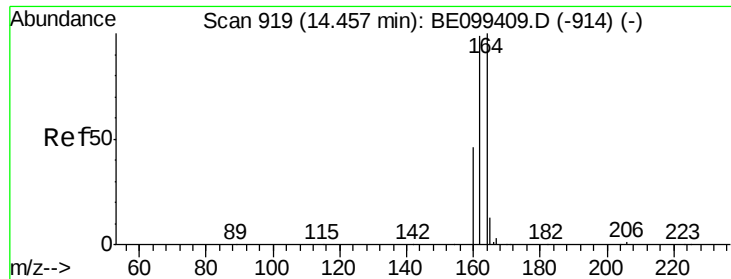
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#12
 2-Methylnaphthalene
 Concen: 1.980 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099502.D
 Acq: 2 May 2019 20:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	77.0	115.4
115	41.9	33.4	50.0





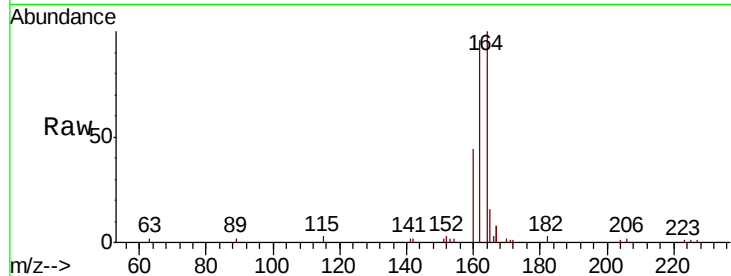
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

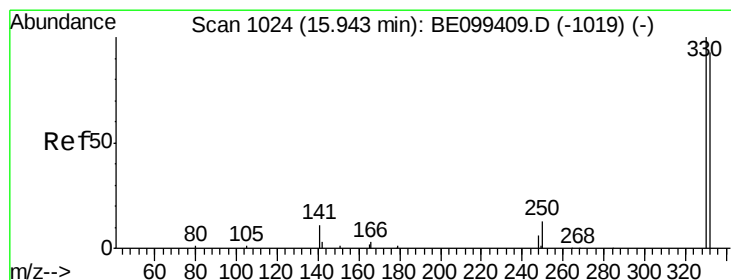
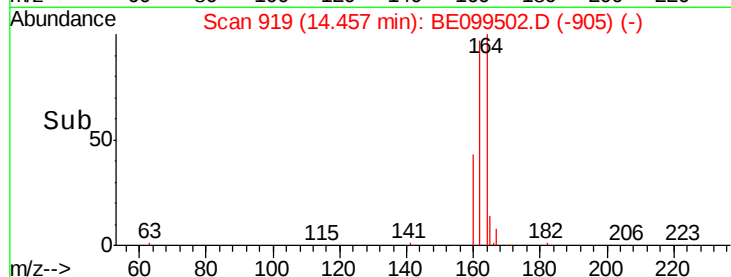
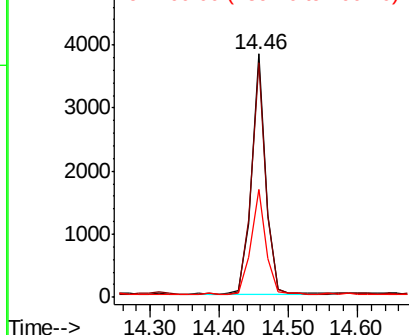
Tgt Ion:164 Resp: 5536
Ion Ratio Lower Upper
164 100
162 96.5 79.0 118.4
160 44.1 37.0 55.4

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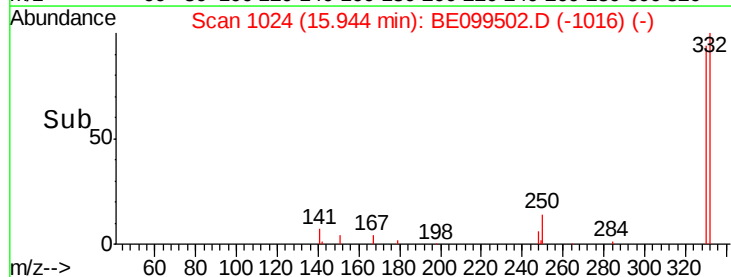
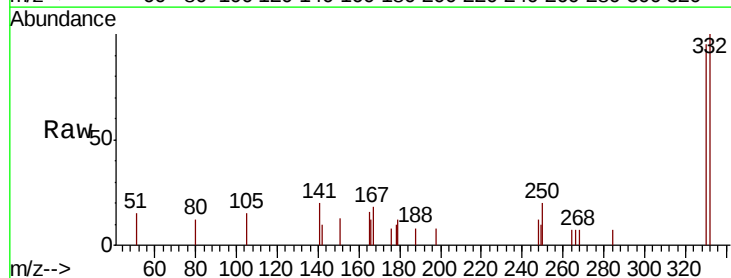
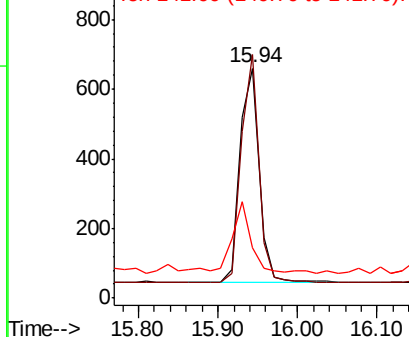
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

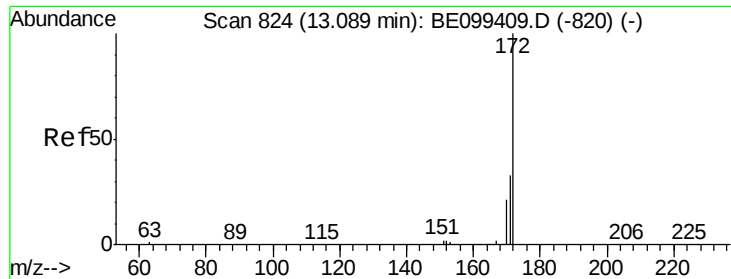


#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:330 Resp: 1052
Ion Ratio Lower Upper
330 100
332 97.7 71.5 107.3
141 28.8 24.0 36.0

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





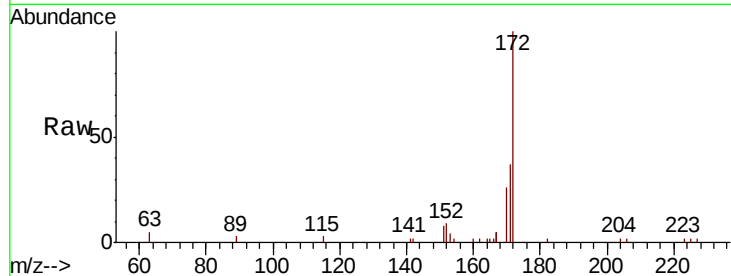
#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.6	39.8
170	26.1	17.0	25.6

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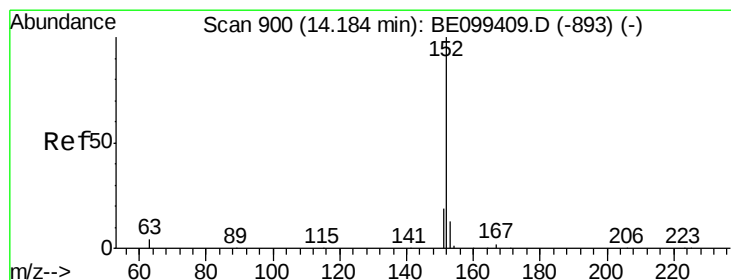
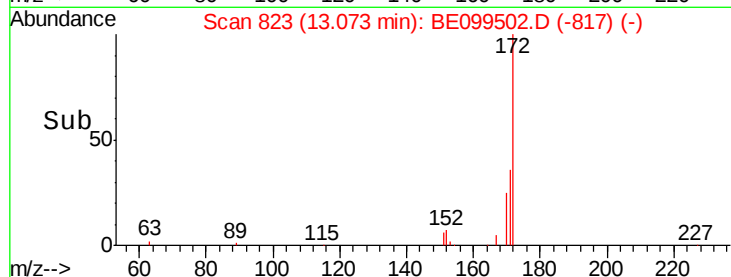
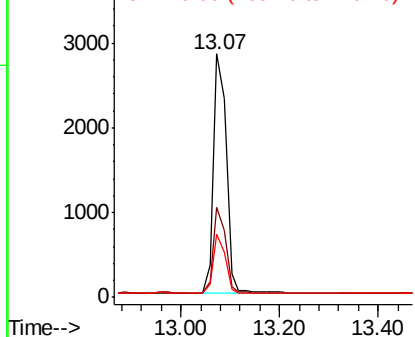


Abundance

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: 0.598 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

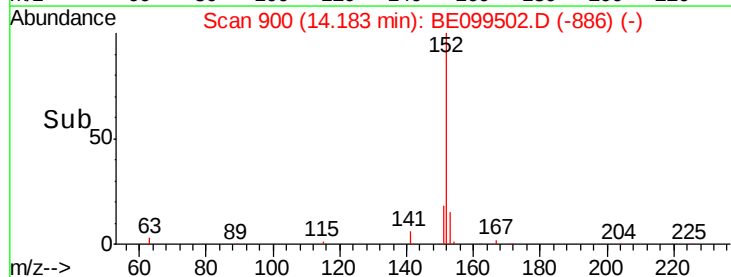
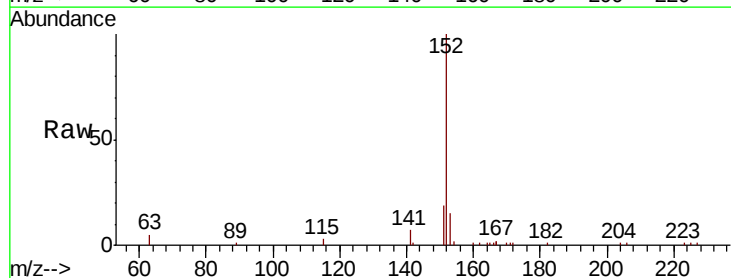
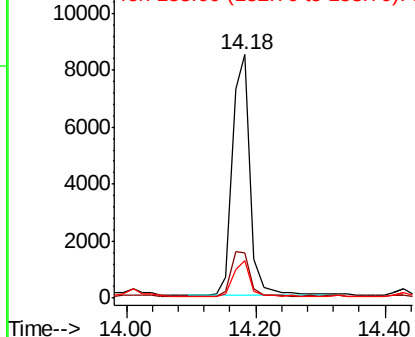
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.8	9.8	14.6

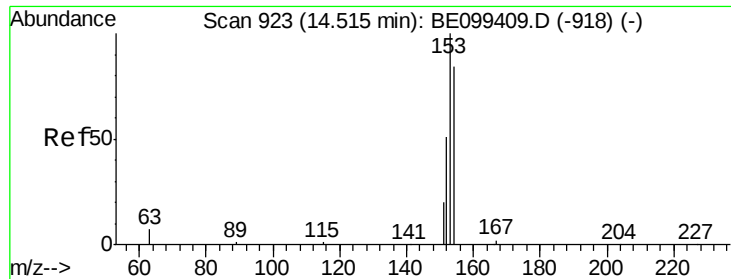
Abundance

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





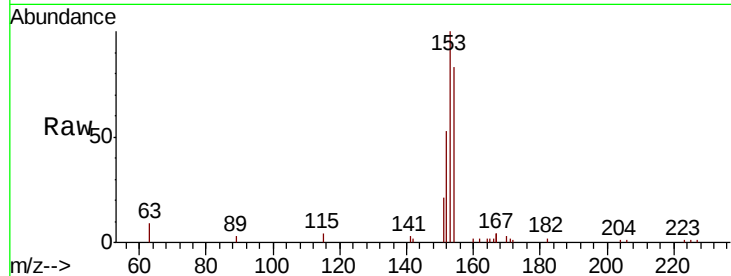
#17
Acenaphthene
Concen: 0.309 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.9	92.6	138.8
152	60.4	45.8	68.8

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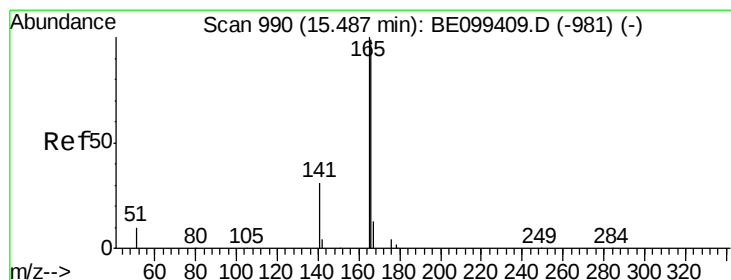
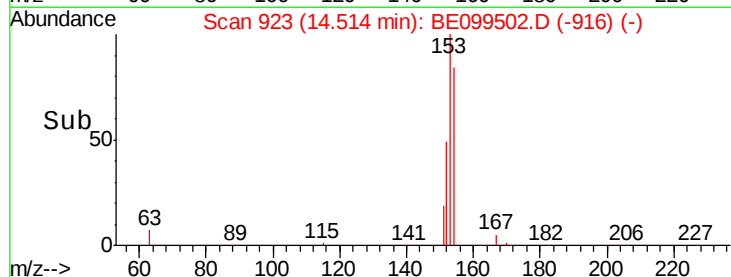
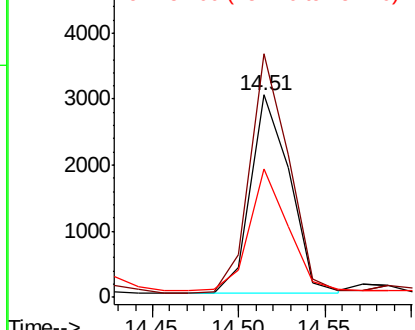


Abundance

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: 0.451 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

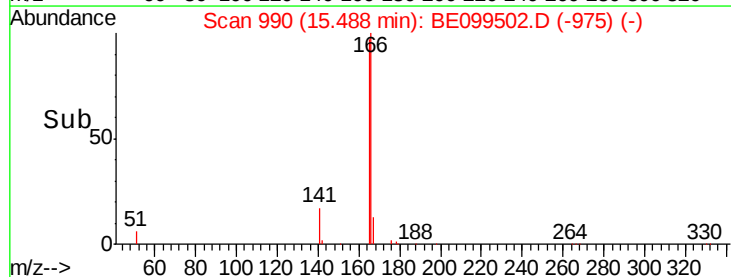
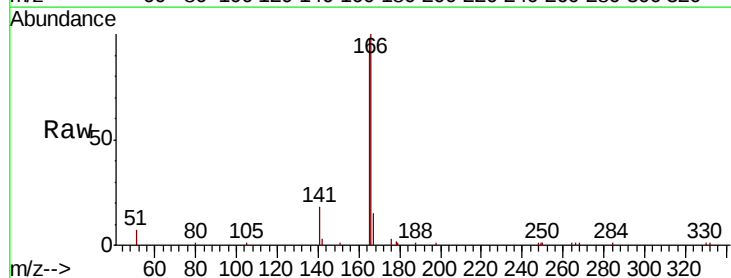
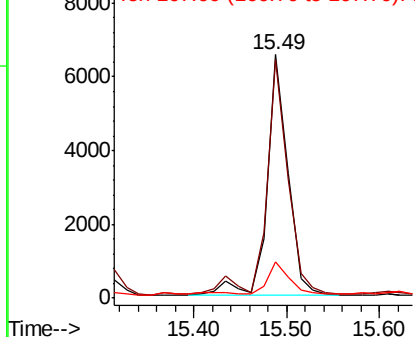
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	80.3	120.5
167	14.1	10.7	16.1

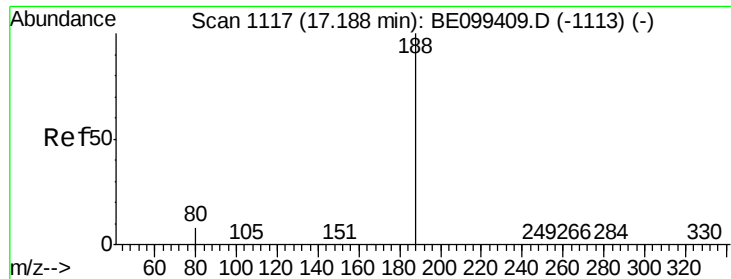
Abundance

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: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	17237		
94	0.0	0.0	0.0	0.0
80	7.8	6.7	10.1	

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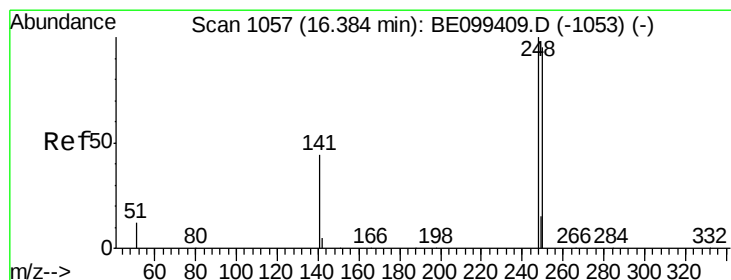
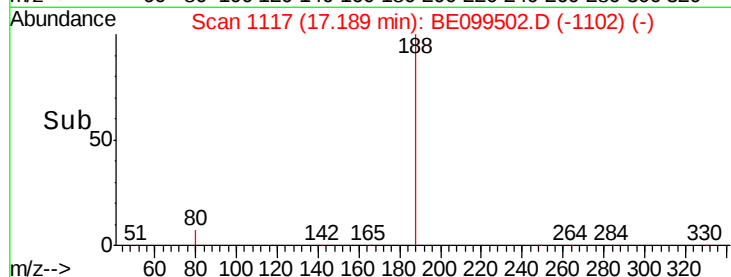
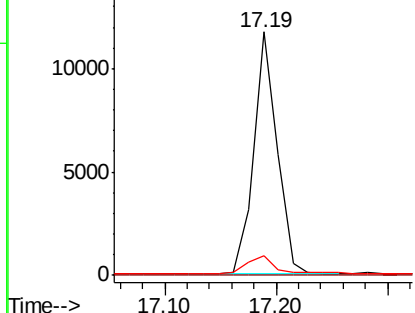


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20
4-Bromophenyl-phenylether
Concen: 0.251 ng
RT: 16.39 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

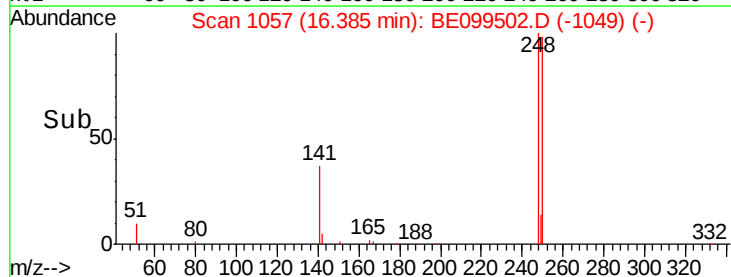
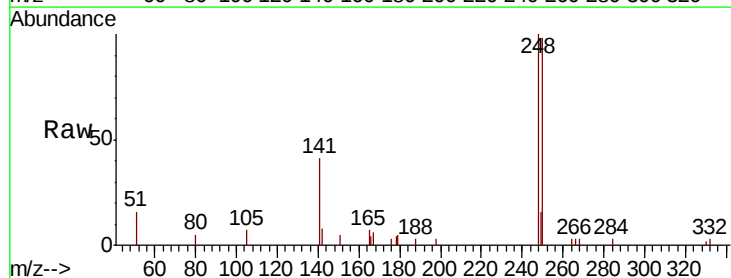
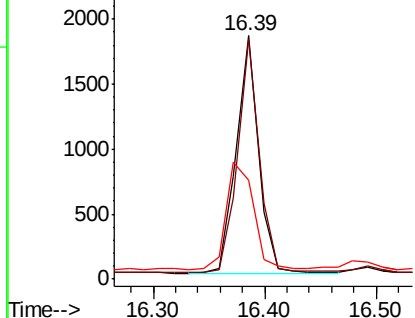
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	2521		
250	98.3	75.8	113.8	
141	40.5	35.7	53.5	

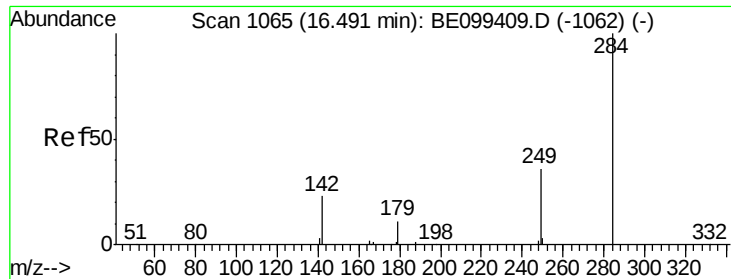
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





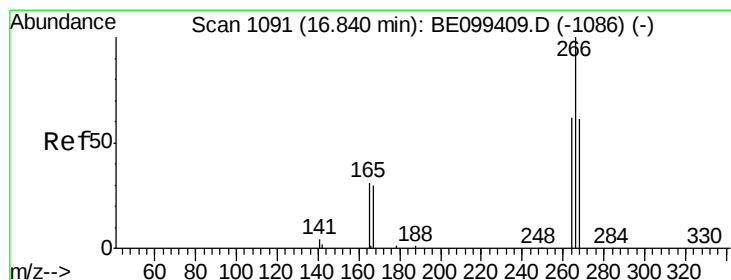
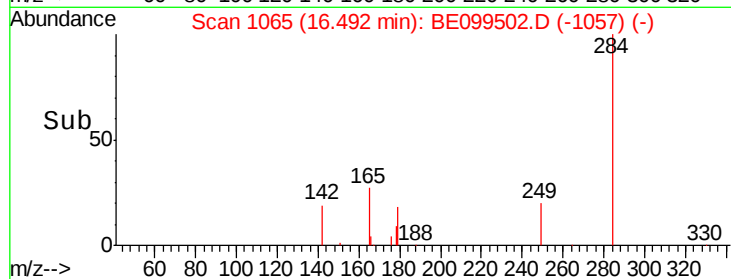
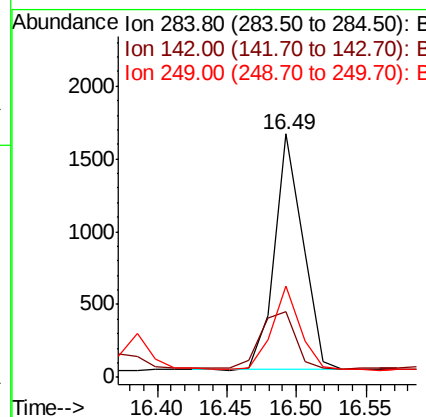
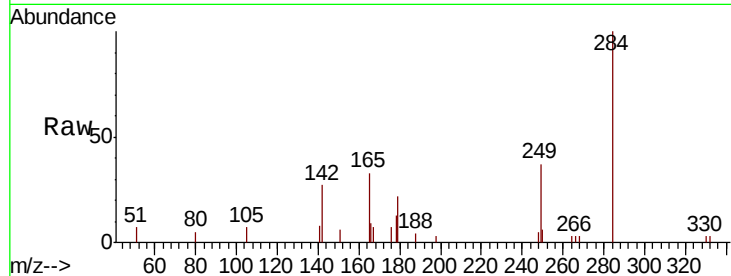
#21
Hexachlorobenzene
Concen: 0.240 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	21.0	31.6
249	34.8	26.7	40.1

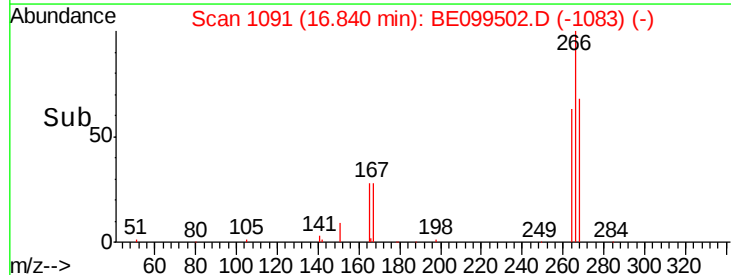
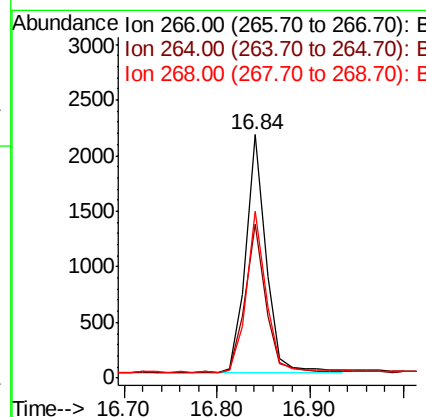
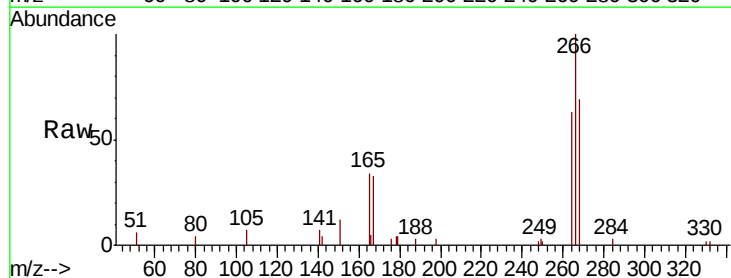
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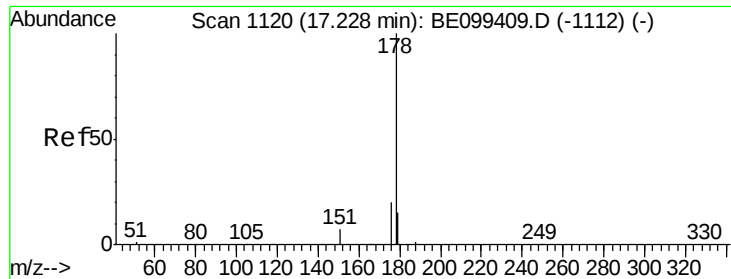
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#22
Pentachlorophenol
Concen: 0.784 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.8	76.2
268	68.5	50.5	75.7





#23

Phenanthrene

Concen: 0.940 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

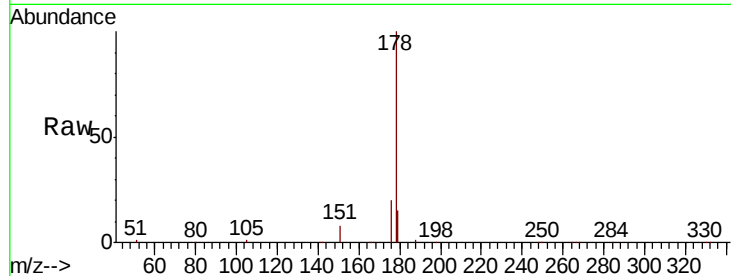
ClientSampleId :

PST-001-B196-042519MS

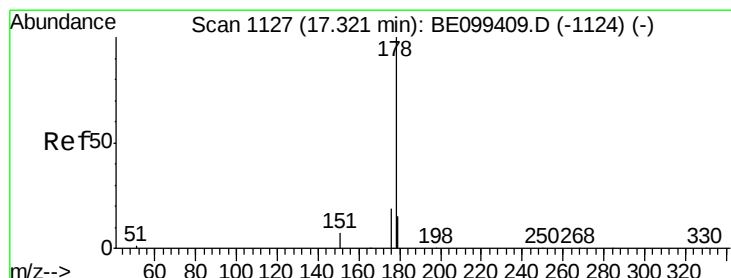
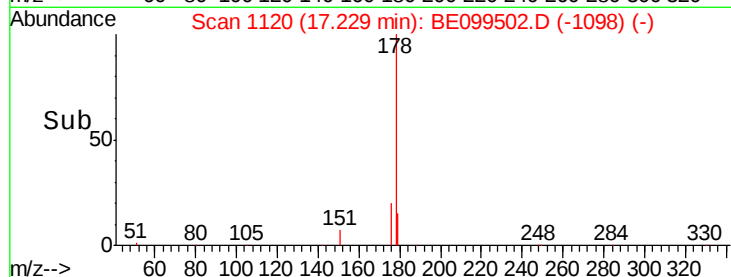
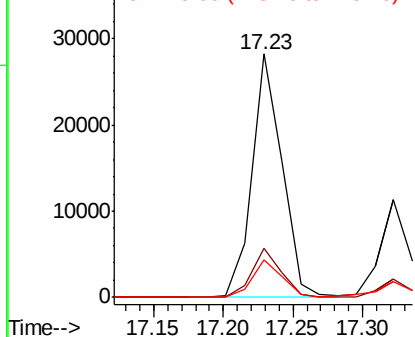
Tgt Ion:	178	Resp:	41831
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.6	23.4
179	15.2	12.0	18.0

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



#24

Anthracene

Concen: 0.370 ng

RT: 17.32 min Scan# 1127

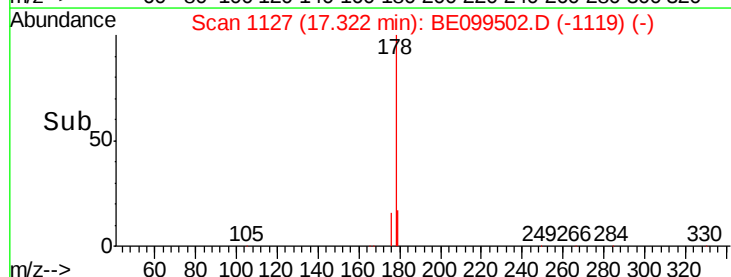
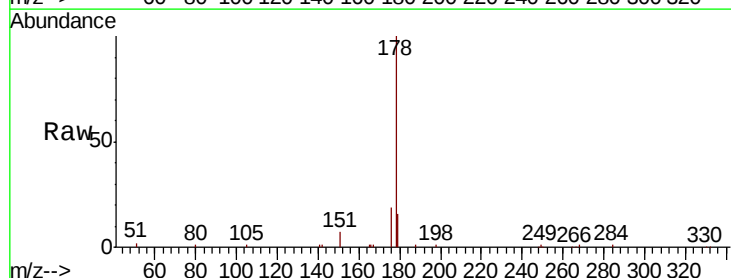
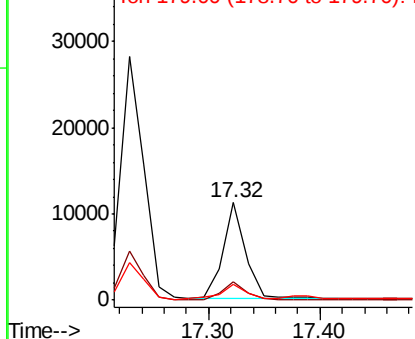
Delta R.T. 0.00 min

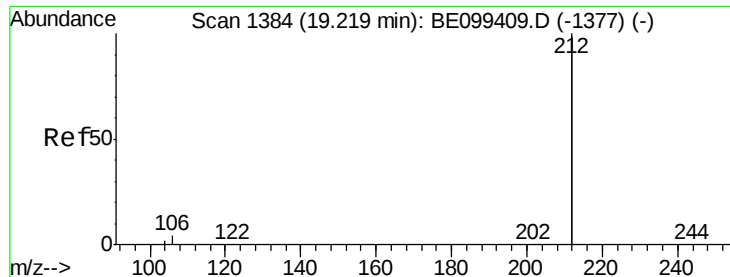
Lab File: BE099502.D

Acq: 2 May 2019 20:32

Tgt Ion:	178	Resp:	15695
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.9	22.3
179	16.9	11.9	17.9

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





#25

Fluoranthene-d10

Concen: 0.248 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

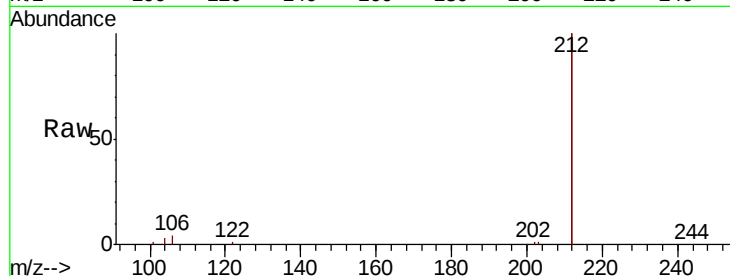
ClientSampleId :

PST-001-B196-042519MS

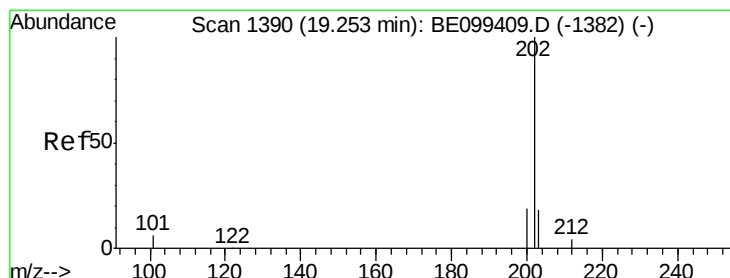
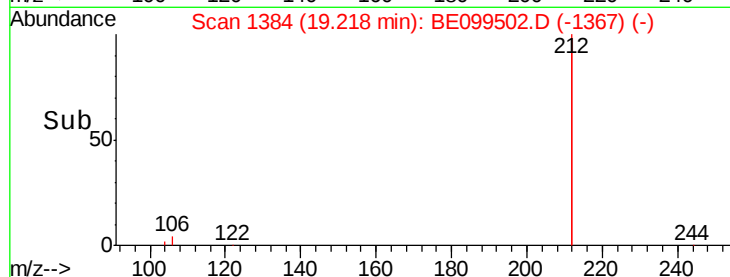
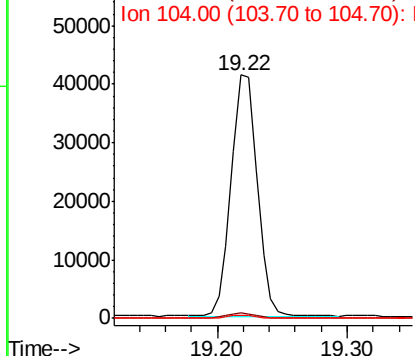
Tgt Ion:	212	Resp:	57515
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

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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: 1.037 ng

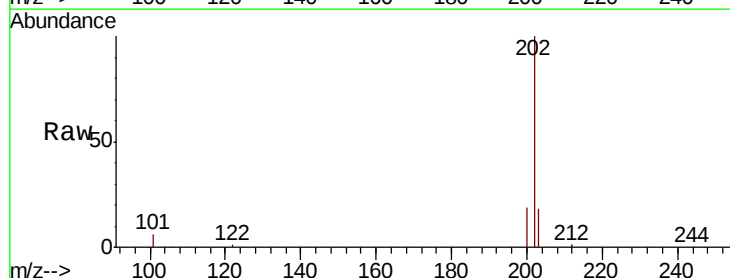
RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

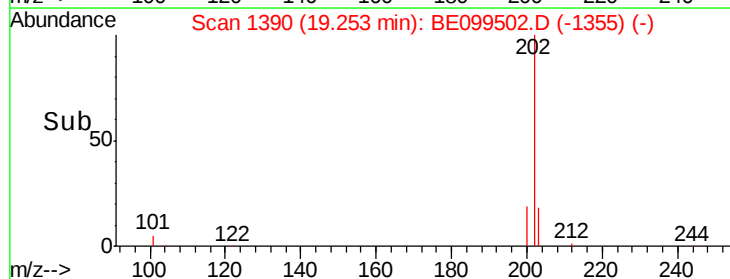
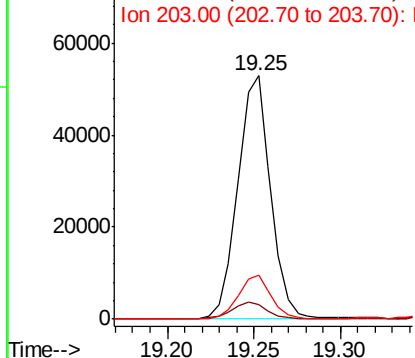
Lab File: BE099502.D

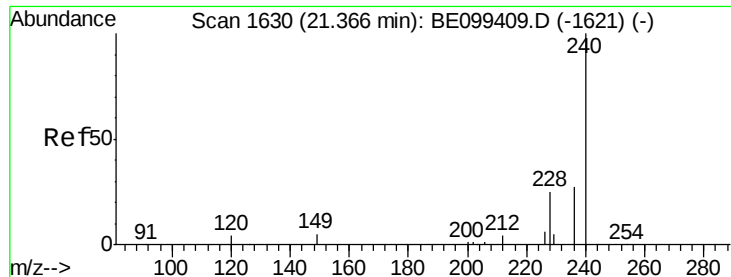
Acq: 2 May 2019 20:32

Tgt Ion:	202	Resp:	69103
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.4	8.0
203	17.3	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





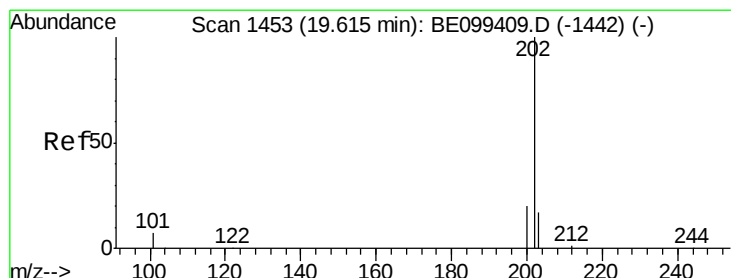
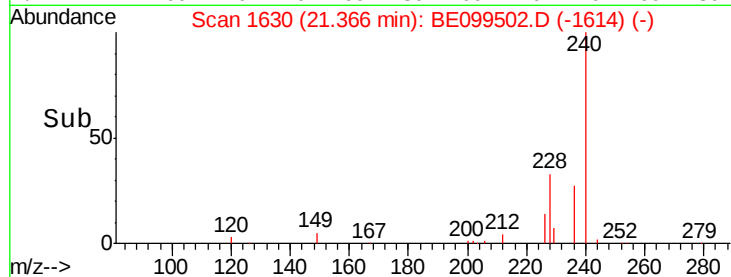
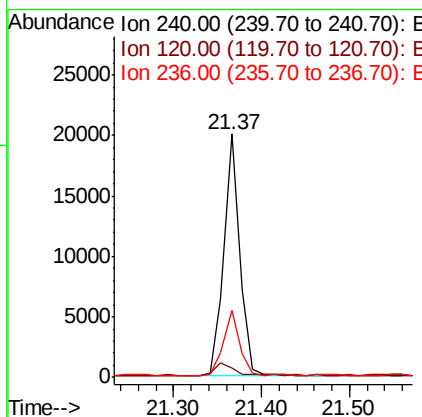
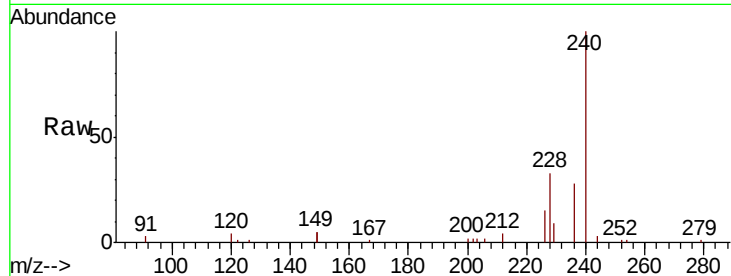
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.0	6.0#
236	27.6	22.0	33.0

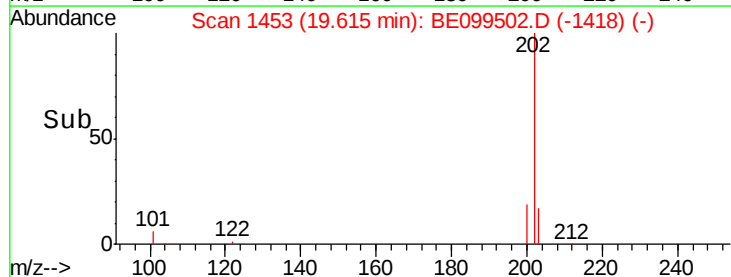
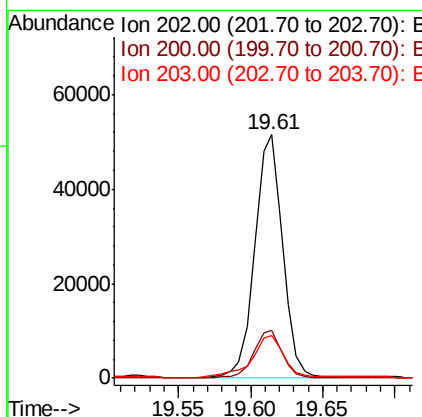
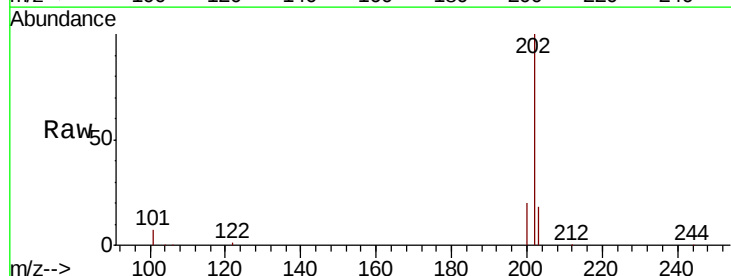
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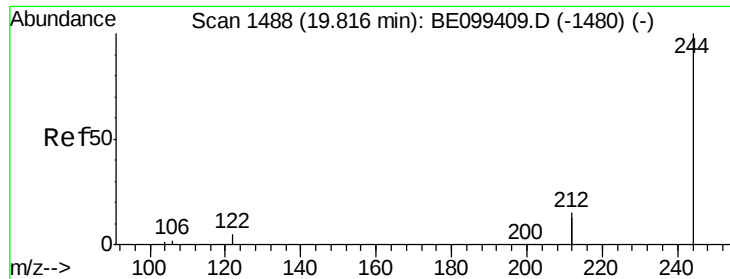
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#28
Pyrene
Concen: 1.051 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	19.8	13.9	20.9





#29

Terphenyl-d14

Concen: 0.279 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099502.D

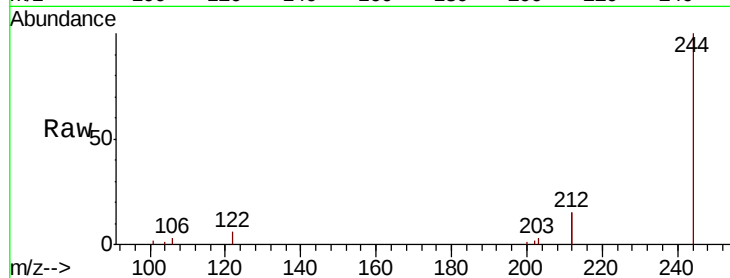
Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

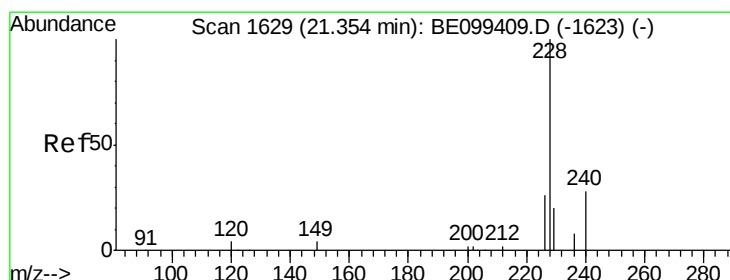
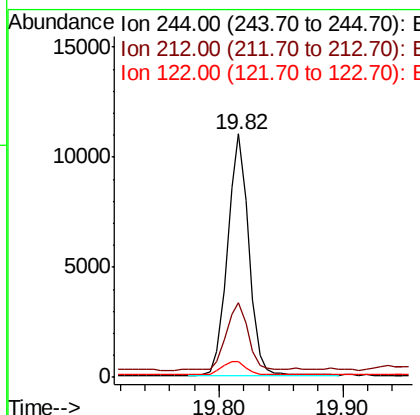
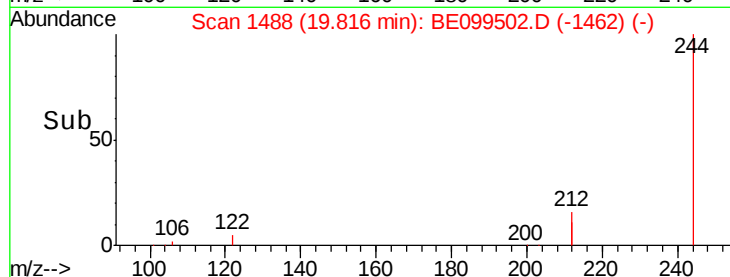
PST-001-B196-042519MS



Tgt Ion:	244	Resp:	12959
Ion Ratio	Lower	Upper	
244	100		
212	30.7	23.2	34.8
122	6.5	4.2	6.4

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#30

Benzo(a)anthracene

Concen: 0.705 ng

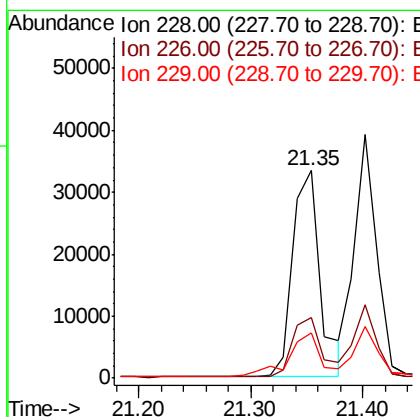
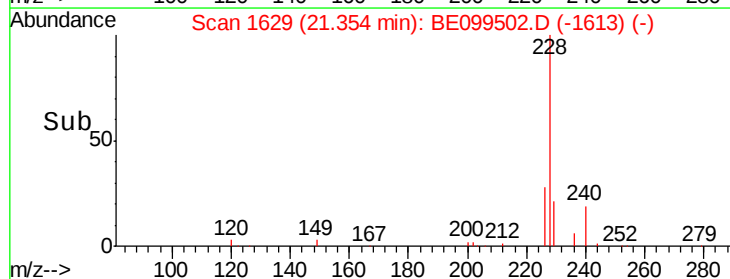
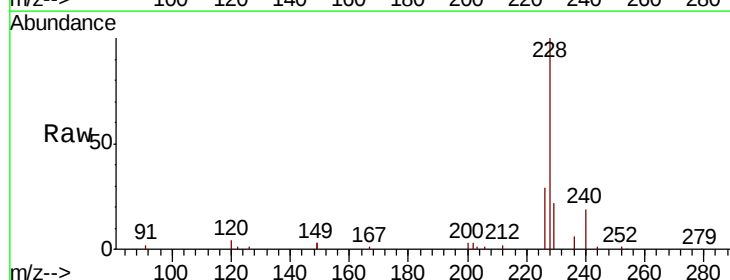
RT: 21.35 min Scan# 1629

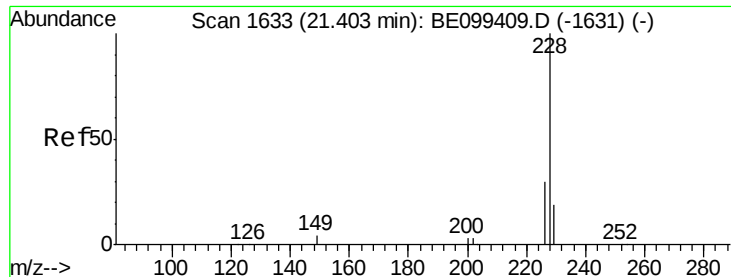
Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Tgt Ion:	228	Resp:	56927
Ion Ratio	Lower	Upper	
228	100		
226	29.0	21.0	31.6
229	21.9	16.6	25.0





#31

Chrysene

Concen: 0.677 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Instrument :

BNA_E

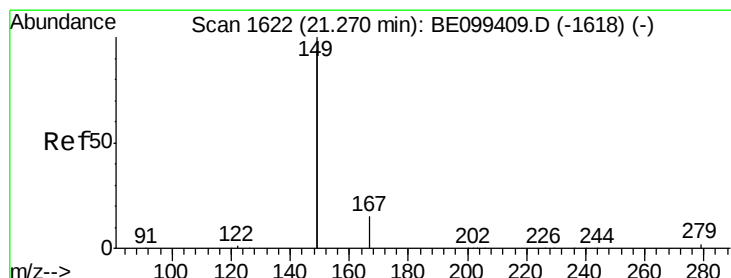
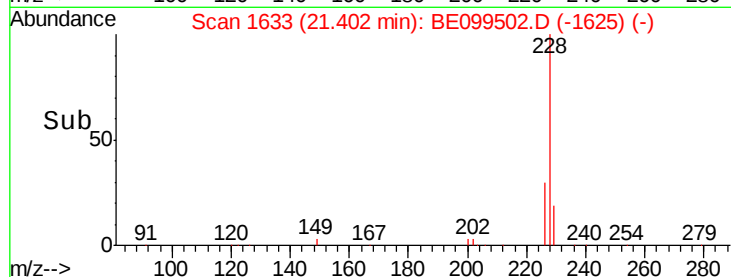
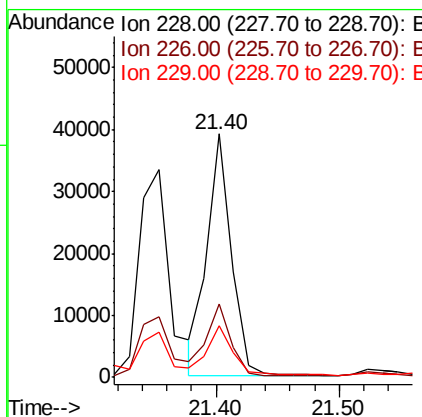
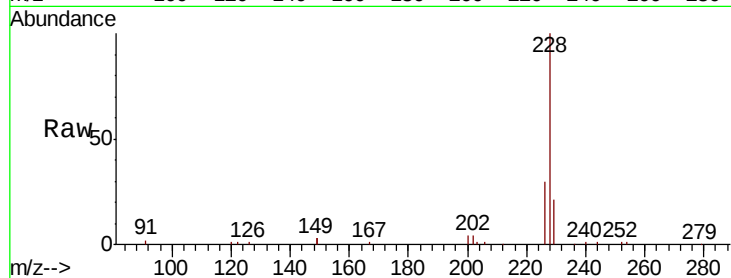
ClientSampleId :

PST-001-B196-042519MS

Tgt Ion:	228	Resp:	53502
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.0	36.0
229	21.4	15.8	23.8

Manual Integrations
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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.379 ng

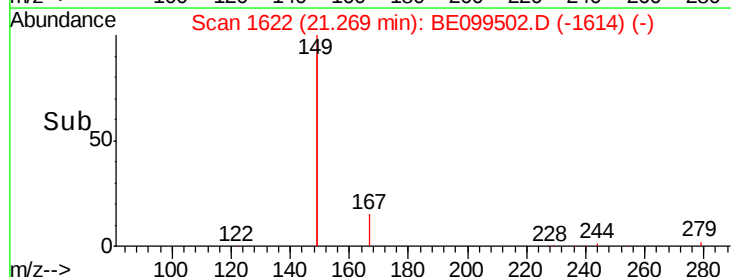
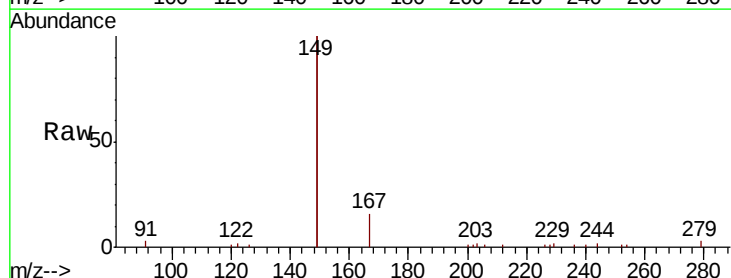
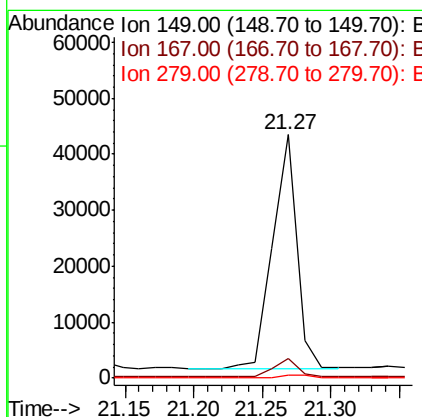
RT: 21.27 min Scan# 1622

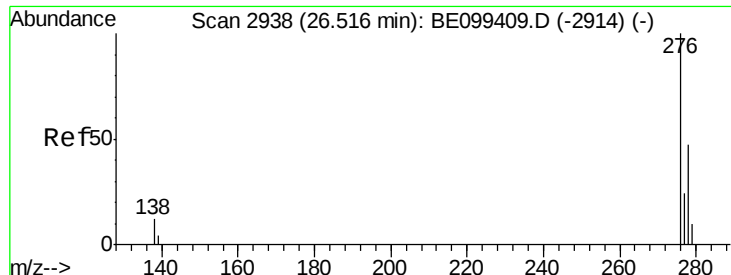
Delta R.T. -0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Tgt Ion:	149	Resp:	51360
Ion Ratio	Lower	Upper	
149	100		
167	7.5	5.8	8.6
279	1.4	1.0	1.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.529 ng

RT: 26.52 min Scan# 2938

Delta R.T. -0.00 min

Lab File: BE099502.D

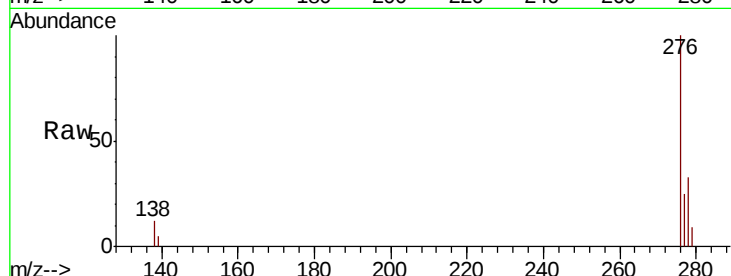
Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

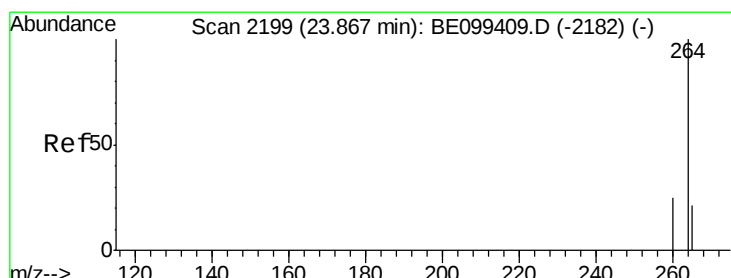
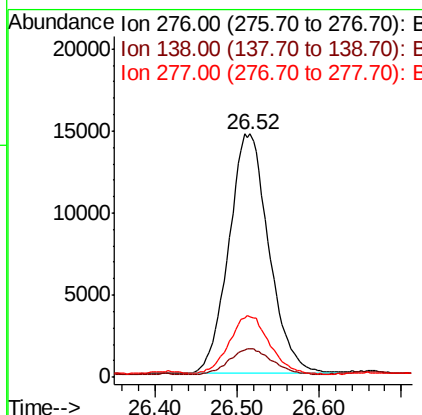
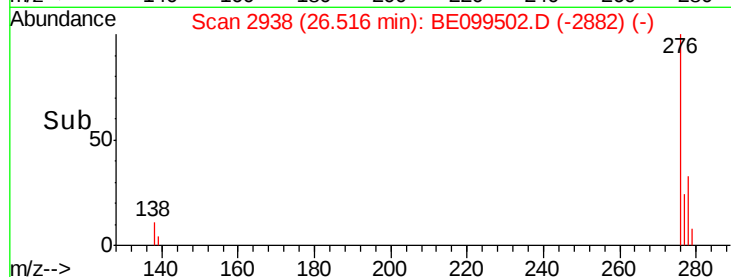
PST-001-B196-042519MS



Tgt Ion:	276	Resp:	49460
Ion Ratio	Lower	Upper	
276	100		
138	11.5	10.2	15.2
277	24.4	19.2	28.8

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#34

Perylene-d12

Concen: 0.400 ng

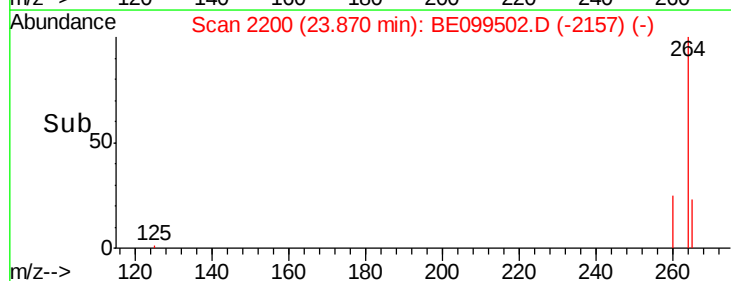
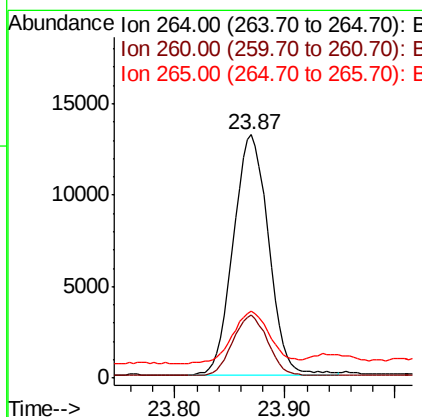
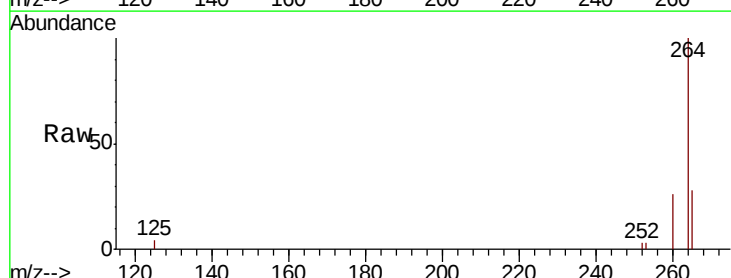
RT: 23.87 min Scan# 2200

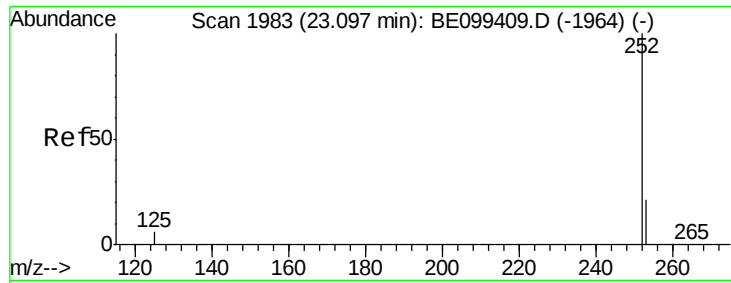
Delta R.T. 0.00 min

Lab File: BE099502.D

Acq: 2 May 2019 20:32

Tgt Ion:	264	Resp:	29188
Ion Ratio	Lower	Upper	
264	100		
260	25.7	20.2	30.2
265	27.7	21.3	31.9





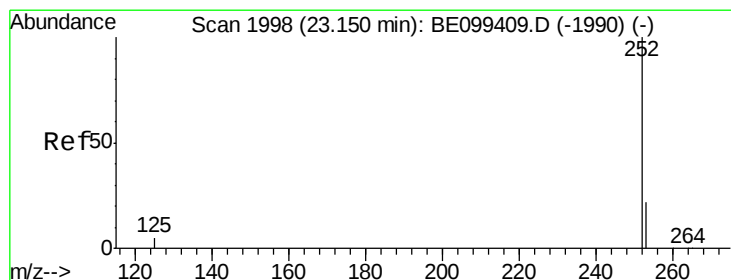
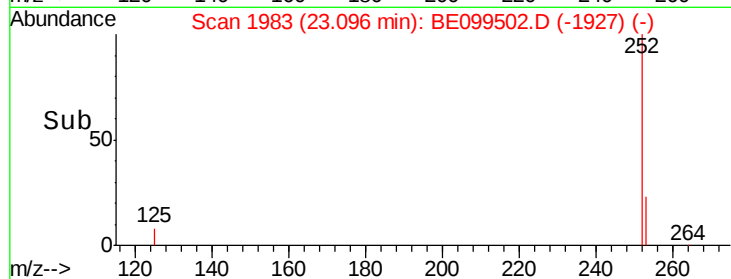
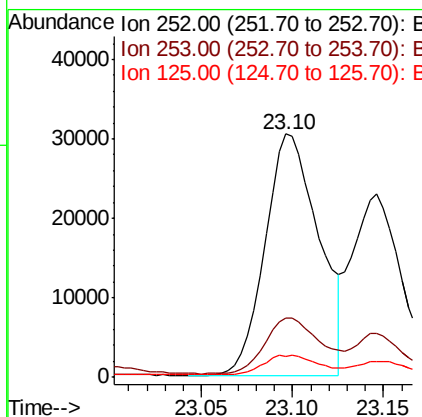
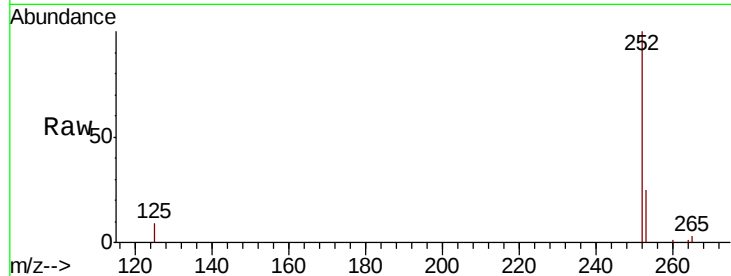
#35
Benzo(b)fluoranthene
Concen: 0.740 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	8.8	5.6	8.4#

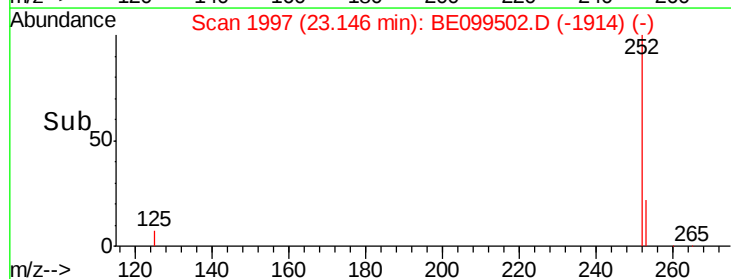
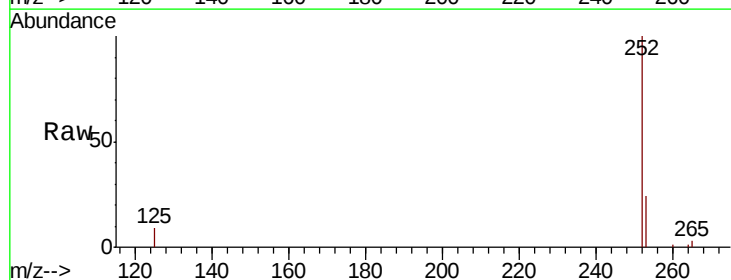
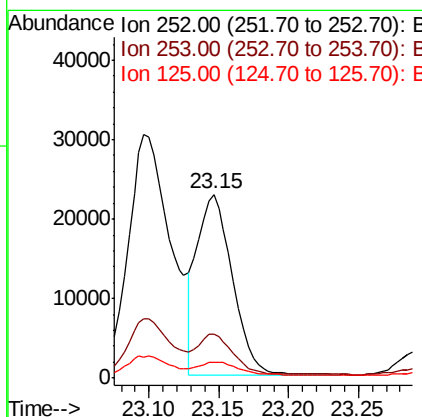
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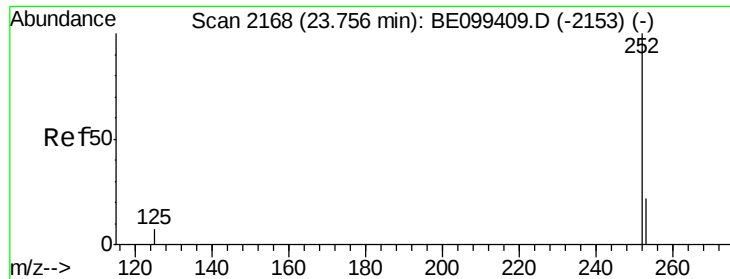
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#36
Benzo(k)fluoranthene
Concen: 0.494 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	8.6	5.0	7.4#





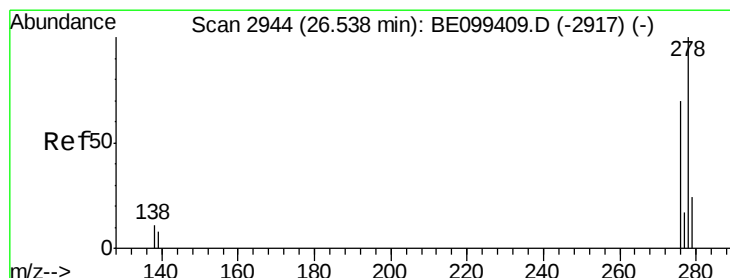
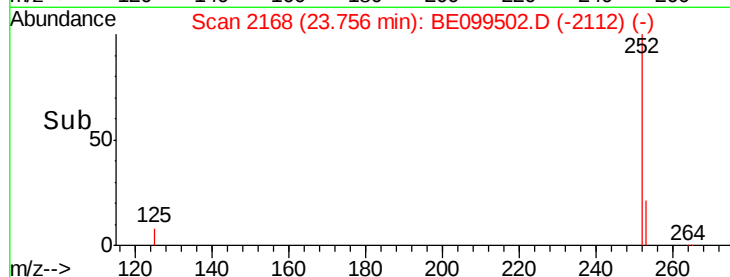
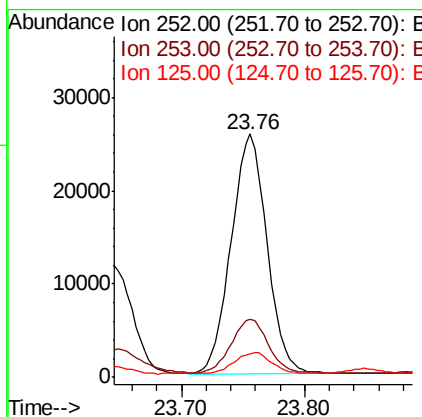
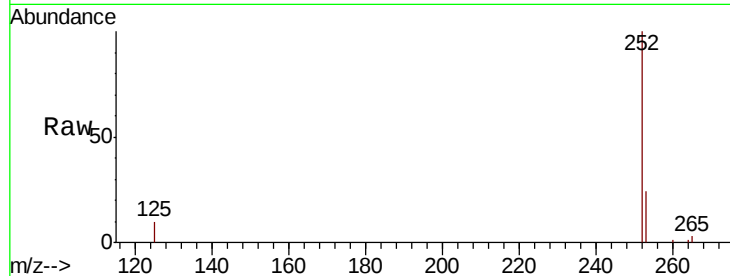
#37
Benzo(a)pyrene
Concen: 0.654 ng
RT: 23.76 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:	252	Resp:	52019
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.9	28.3
125	9.8	6.7	10.1

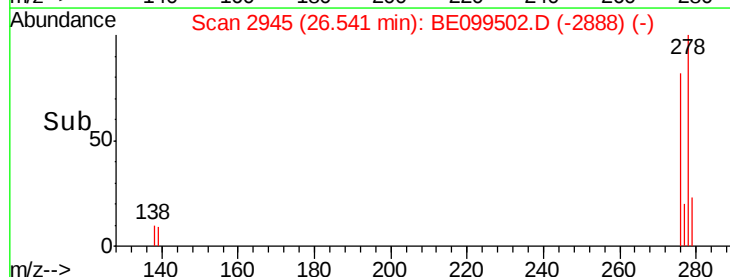
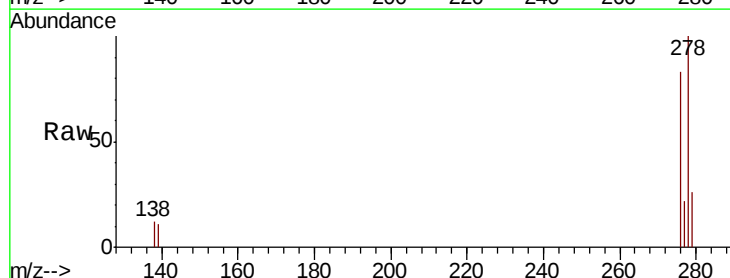
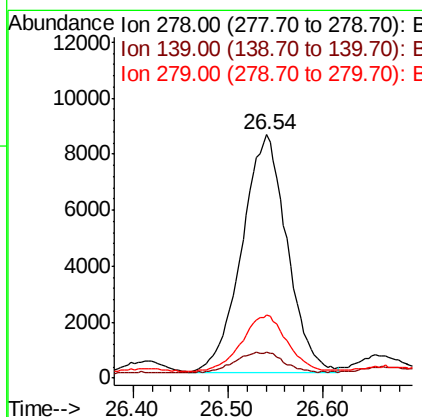
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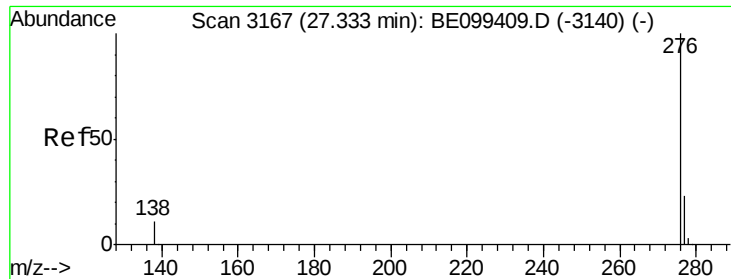
Sohil
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#38
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 26.54 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:	278	Resp:	27951
Ion Ratio	Lower	Upper	
278	100		
139	10.6	7.7	11.5
279	25.9	20.2	30.2





#39

Benzo(g,h,i)perylene

Concen: 0.560 ng

RT: 27.33 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BE099502.D

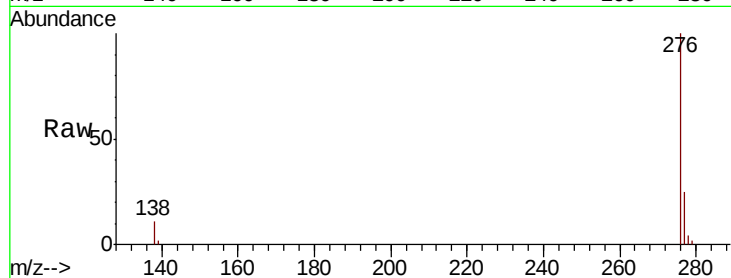
Acq: 2 May 2019 20:32

Instrument :

BNA_E

ClientSampleId :

PST-001-B196-042519MS



Tgt Ion:	276	Resp:	45660
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.5	29.3
138	11.3	9.6	14.4

Manual Integrations
APPROVED

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