

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099397.D
 Acq On : 27 Apr 2019 3:08
 Operator : JU/SJ
 Sample : K2533-13MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-SW005-042219MSD

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:32:07 PM

Quant Time: Apr 27 07:18:46 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 19 06:51:38 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2760	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	9828	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	7142	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	21370	0.40	ng	0.01
27) Chrysene-d12	21.37	240	26274	0.40	ng	0.00
34) Perylene-d12	23.88	264	29229	0.40	ng	0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	4319	0.64	ng	0.01
5) Phenol-d6	6.98	99	5730	0.60	ng	0.00
8) Nitrobenzene-d5	8.96	82	5272	0.69	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	9201m	0.53	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	2779	1.17	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	13899	0.50	ng	0.00
25) Fluoranthene-d10	19.22	212	145109	0.57	ng	0.00
29) Terphenyl-d14	19.82	244	26078	0.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	1354	0.350	ng	# 56
3) n-Nitrosodimethylamine	3.65	42	1235	0.594	ng	93
6) bis(2-Chloroethyl)ether	7.24	93	4432	0.494	ng	97
9) Naphthalene	10.65	128	60983	0.569	ng	100
10) Hexachlorobutadiene	10.94	225	3669	0.539	ng	96
12) 2-Methylnaphthalene	12.28	142	10514	0.576	ng	97
16) Acenaphthylene	14.18	152	28873	0.894	ng	100
17) Acenaphthene	14.53	154	16610	0.835	ng	97
18) Fluorene	15.50	166	28005	0.980	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	6865	0.580	ng	# 82
21) Hexachlorobenzene	16.50	284	6407	0.563	ng	97
22) Pentachlorophenol	16.84	266	7874	1.934	ng	94
23) Phenanthrene	17.24	178	527028	9.313	ng	99
24) Anthracene	17.32	178	153285	3.045	ng	# 95
26) Fluoranthene	19.25	202	1116512	14.741	ng	97
28) Pyrene	19.62	202	983874	12.710	ng	# 93
30) Benzo(a)anthracene	21.35	228	617526	7.995	ng	99
31) Chrysene	21.42	228	508977	6.192	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	104128	1.482	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	196374	2.419	ng	# 92
35) Benzo(b)fluoranthene	23.11	252	484734	5.417	ng	97
36) Benzo(k)fluoranthene	23.15	252	229610m	2.574	ng	
37) Benzo(a)pyrene	23.76	252	382323m	4.769	ng	
38) Dibenzo(a,h)anthracene	26.55	278	76041	0.928	ng	97
39) Benzo(g,h,i)perylene	27.35	276	164697	1.982	ng	97

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

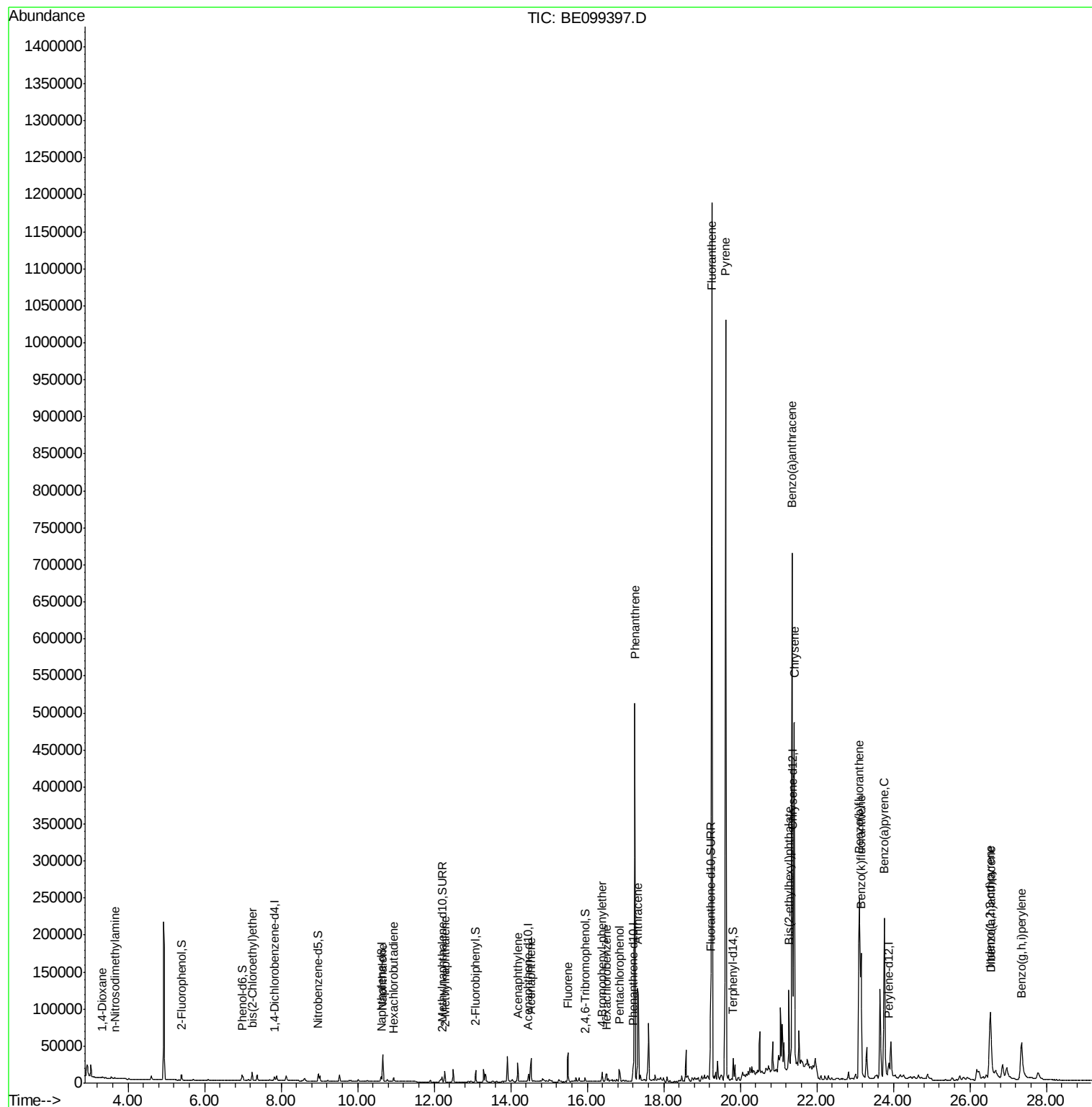
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099397.D
Acq On : 27 Apr 2019 3:08
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ALS Vial : 27 Sample Multiplier: 1

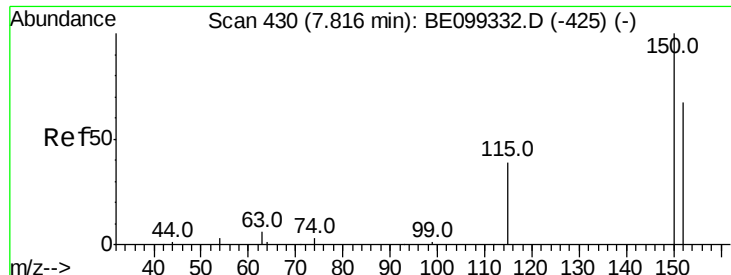
Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion:152 Resp: 2760

Ion Ratio Lower Upper

152 100

150 138.0 119.5 179.3

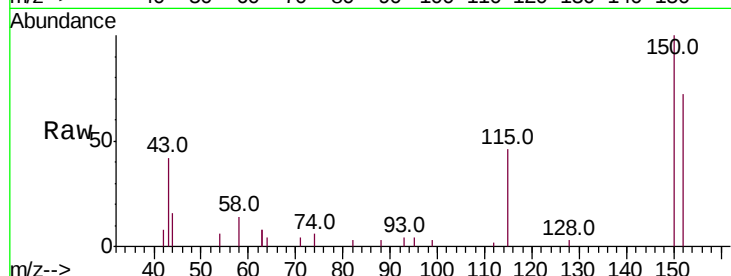
115 63.5 47.5 71.3

Manual Integrations

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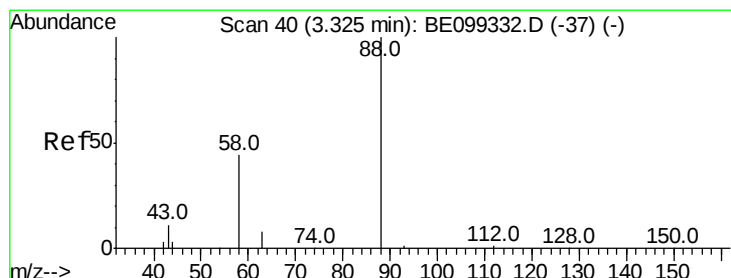
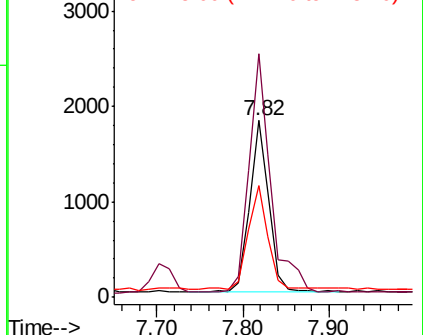
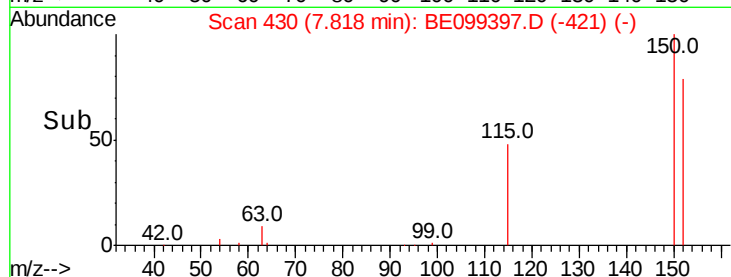
4/29/2019 1:32:07 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.350 ng

RT: 3.33 min Scan# 40

Delta R.T. 0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

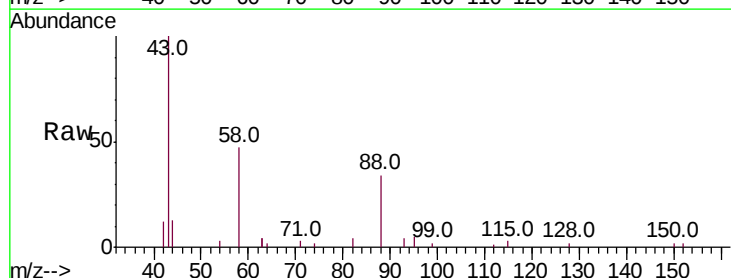
Tgt Ion: 88 Resp: 1354

Ion Ratio Lower Upper

88 100

58 64.7 49.1 73.7

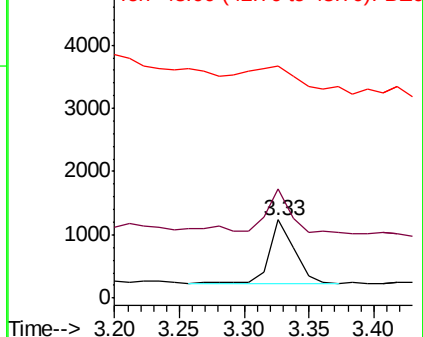
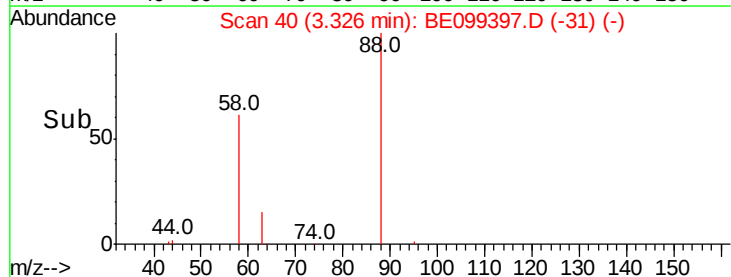
43 96.1 17.9 26.9#

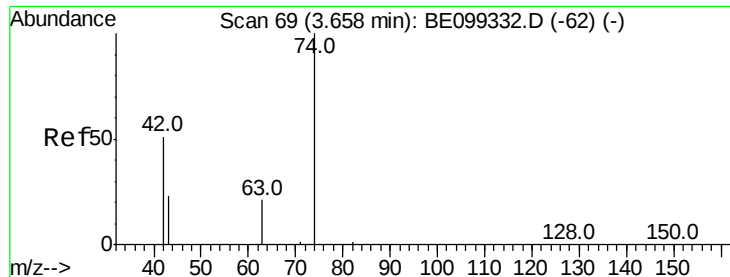


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.594 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

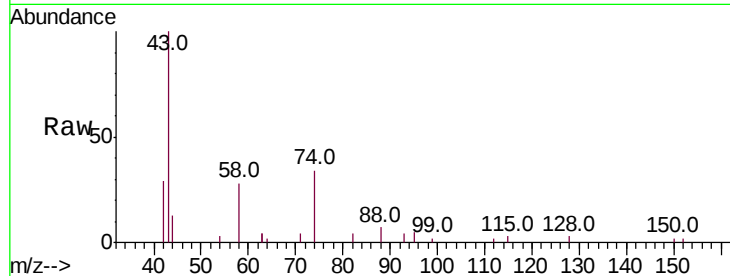
ClientSampled :

PST-028-SW005-042219MSD

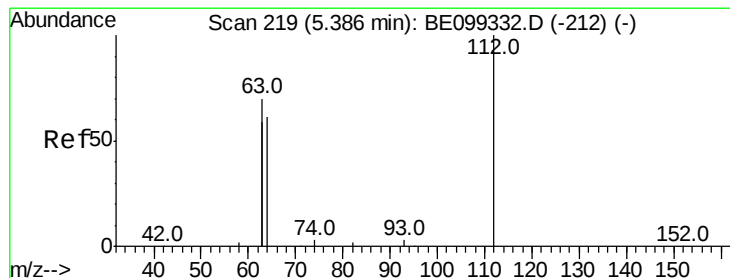
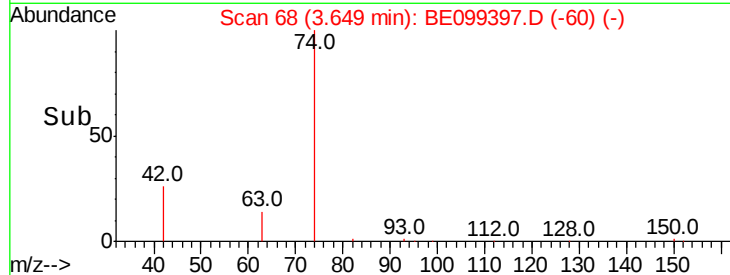
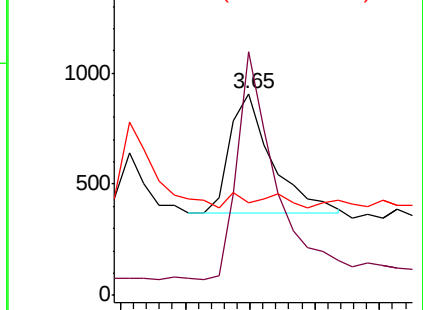
Tot Ion:	42	Resp:	1235
Ion Ratio	Lower	Upper	
42	100		
74	172.5	145.8	218.8
44	11.7	9.0	13.4

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Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.640 ng

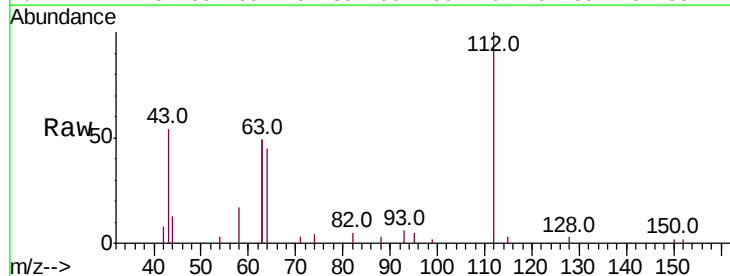
RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

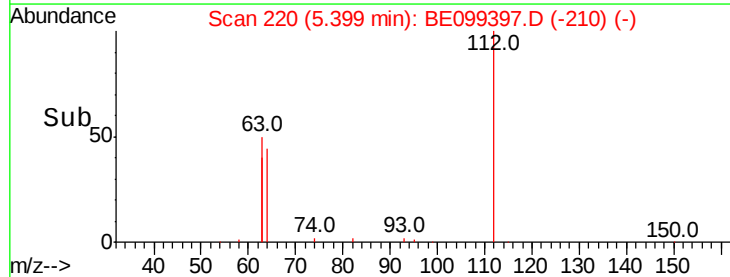
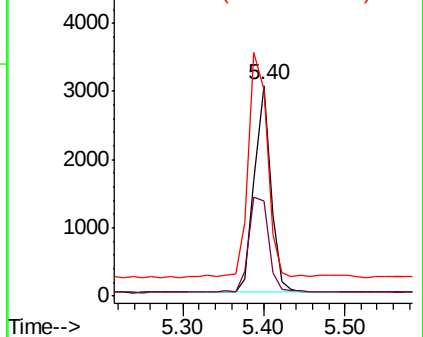
Lab File: BE099397.D

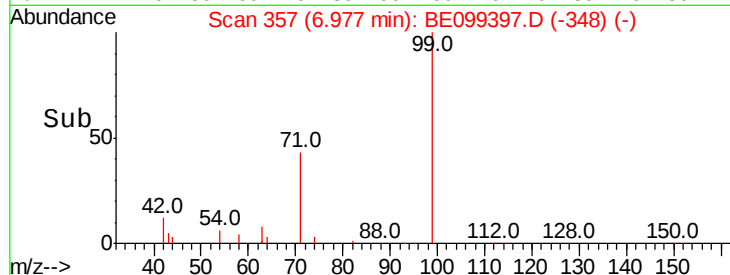
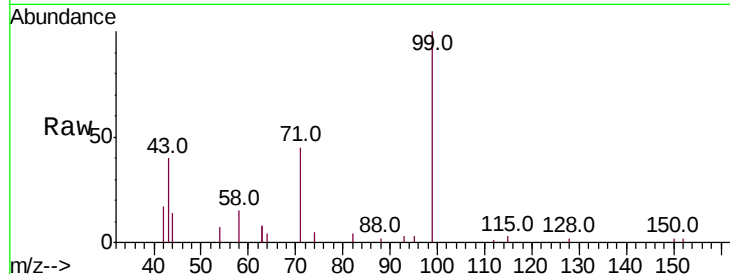
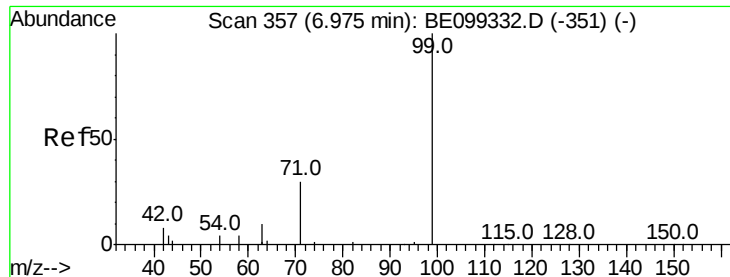
Acq: 27 Apr 2019 3:08

Tgt Ion:	112	Resp:	4319
Ion Ratio	Lower	Upper	
112	100		
64	56.4	44.9	67.3
63	122.5	97.4	146.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.595 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

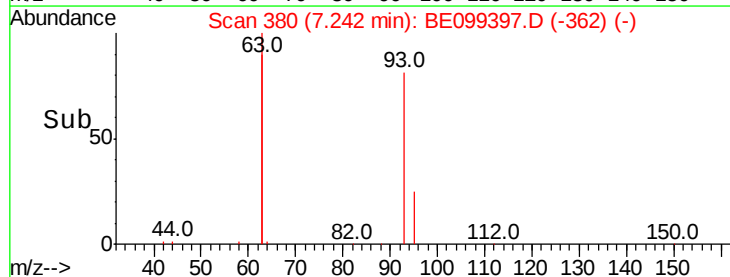
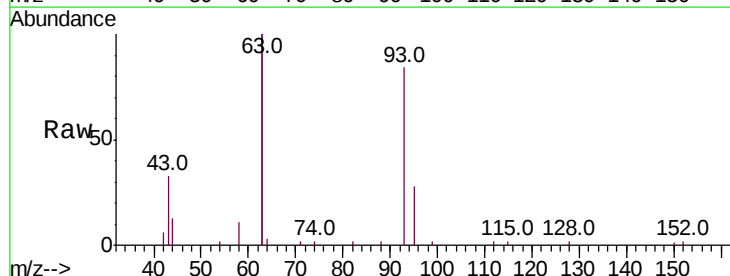
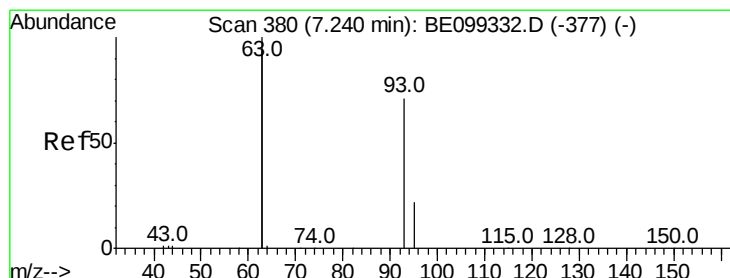
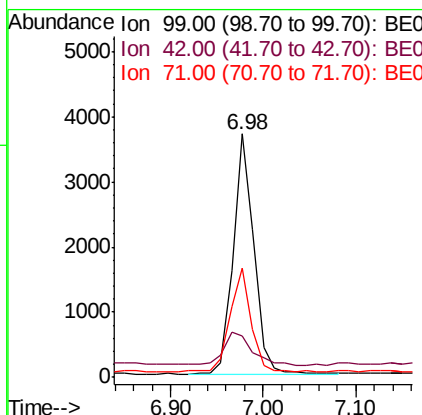
ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion:	99	Resp:	5730
Ion Ratio	Lower	Upper	
99	100		
42	17.6	11.7	17.5#
71	44.6	29.6	44.4#

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#6

bis(2-Chloroethyl)ether

Concen: 0.494 ng

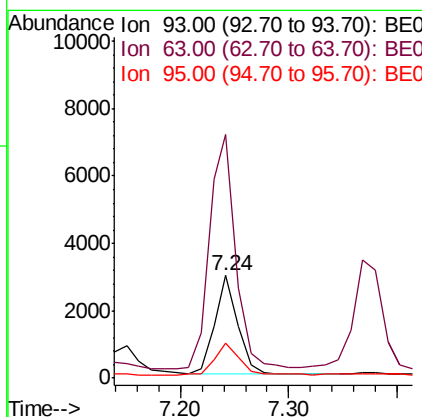
RT: 7.24 min Scan# 380

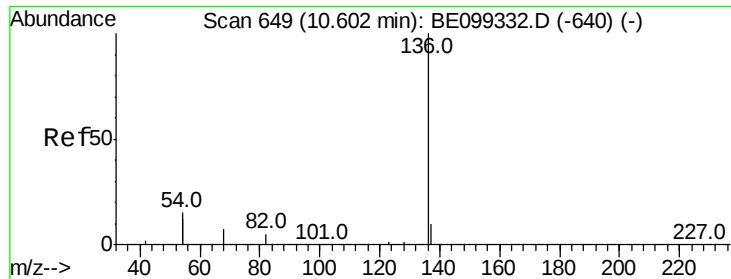
Delta R.T. 0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Tgt Ion:	93	Resp:	4432
Ion Ratio	Lower	Upper	
93	100		
63	264.4	216.6	324.8
95	33.4	25.8	38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

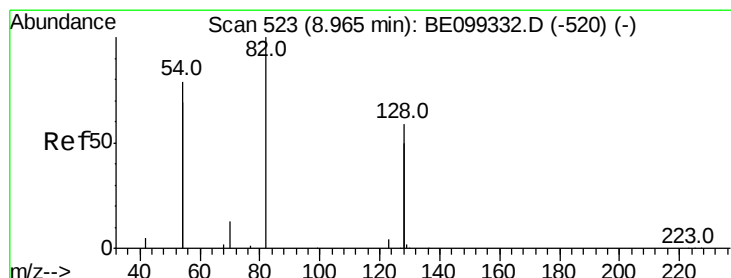
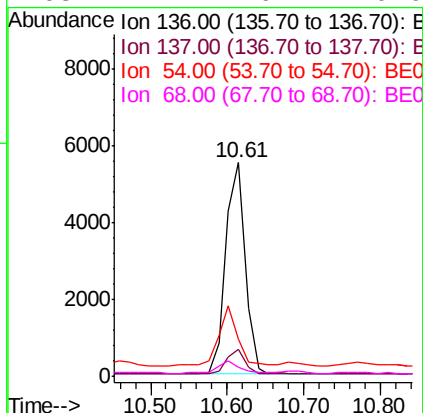
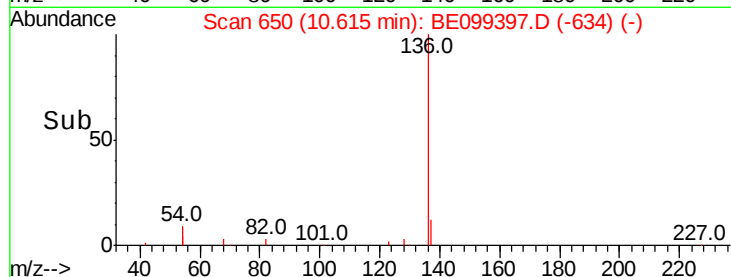
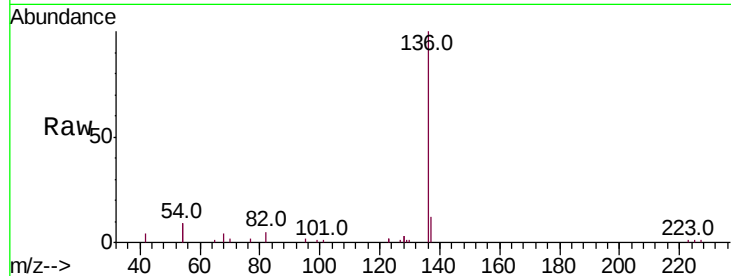
ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.5	8.7	13.1	
54	17.5	23.8	35.8	
68	4.4	6.4	9.6	

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#8

Nitrobenzene-d5

Concen: 0.691 ng

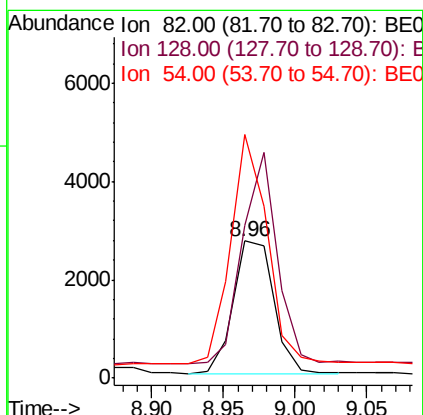
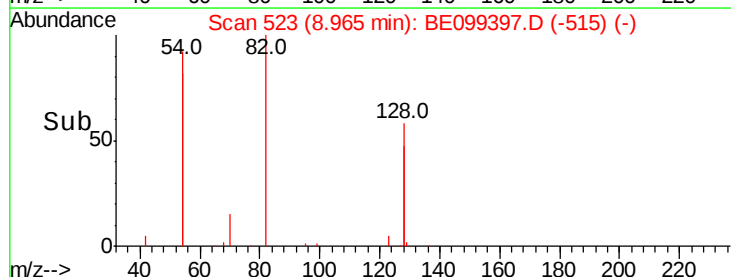
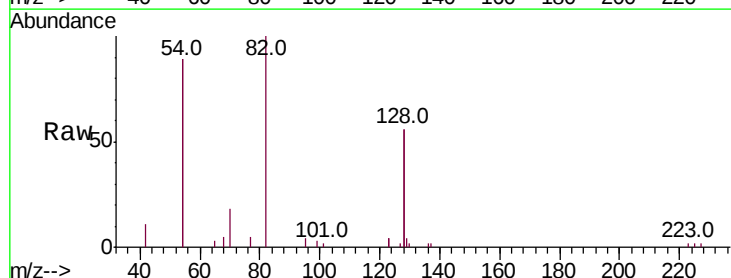
RT: 8.96 min Scan# 523

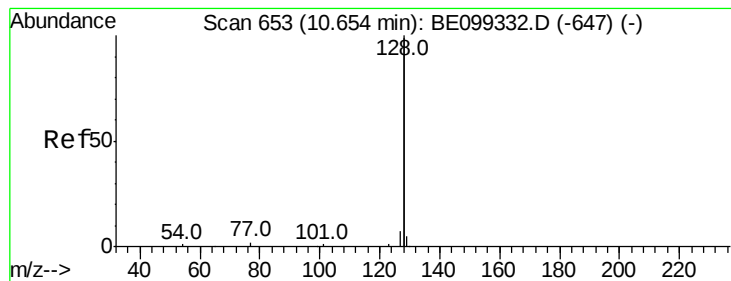
Delta R.T. 0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	111.5	91.7	137.5	
54	177.8	122.8	184.2	





#9

Naphthalene

Concen: 0.569 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

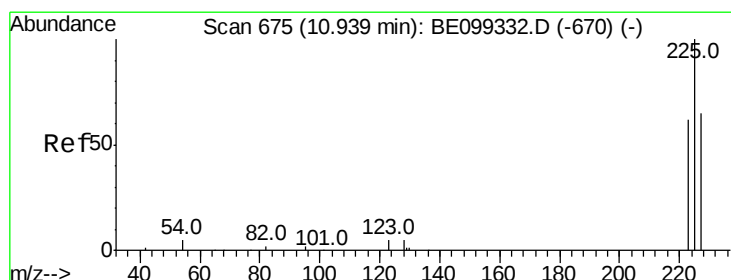
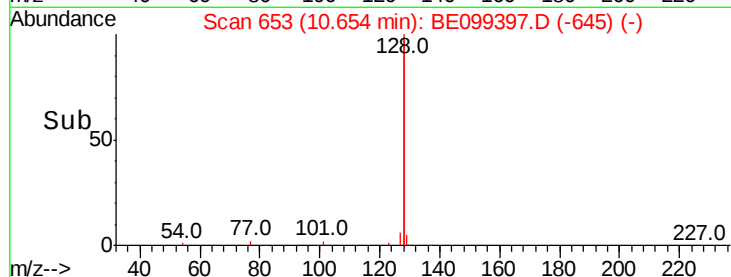
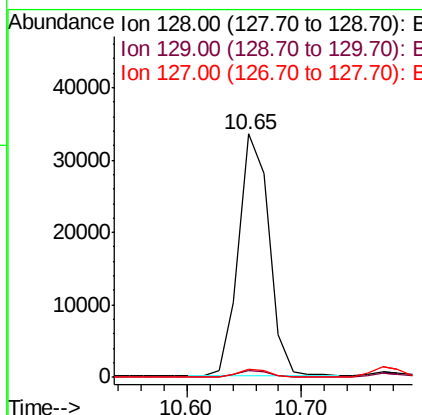
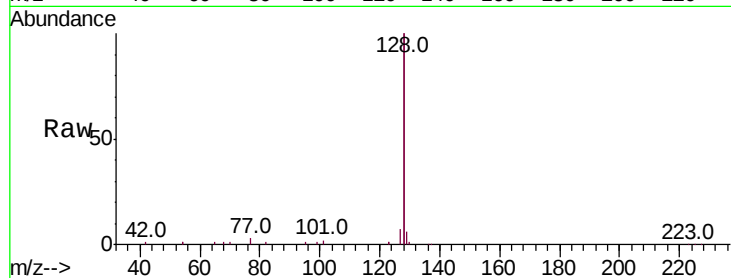
ClientSampleId :

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Tot Ion:128	Resp:	60983
Ion Ratio	Lower	Upper
128 100		
129 2.9	2.3	3.5
127 3.4	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.539 ng

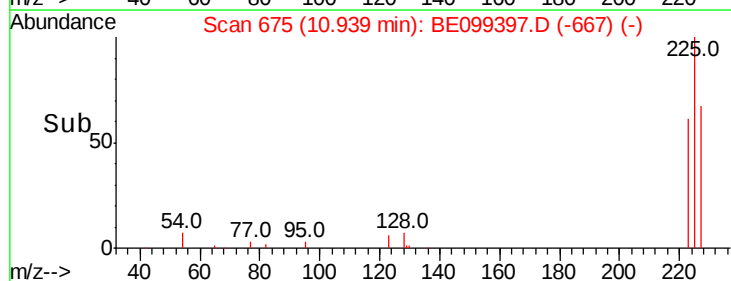
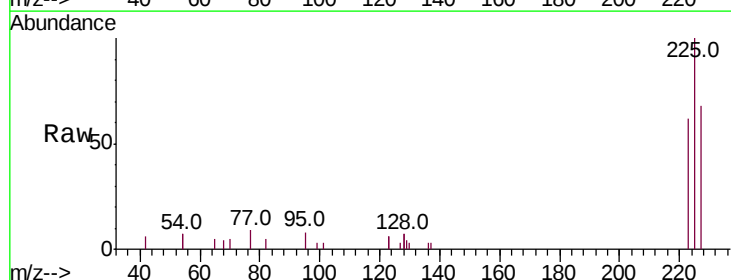
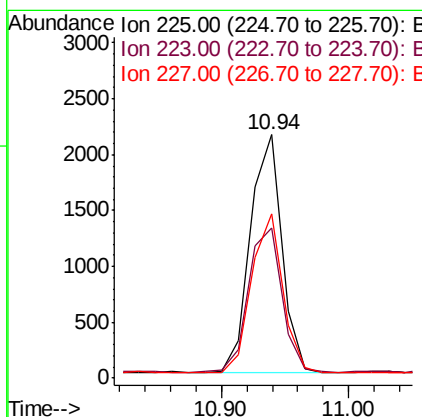
RT: 10.94 min Scan# 675

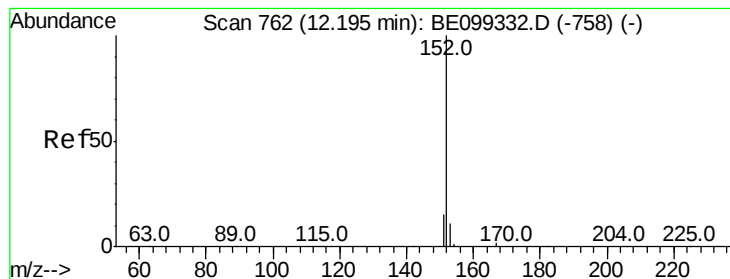
Delta R.T. 0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Tgt Ion:225	Resp:	3669
Ion Ratio	Lower	Upper
225 100		
223 64.6	50.3	75.5
227 66.0	49.4	74.0





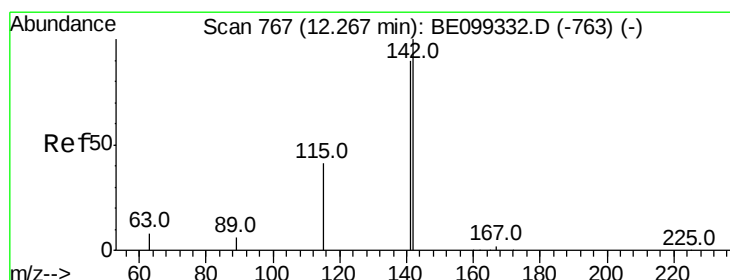
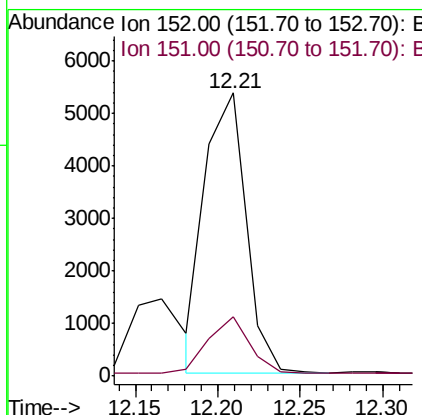
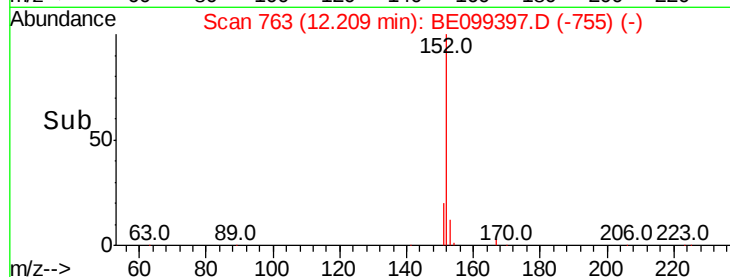
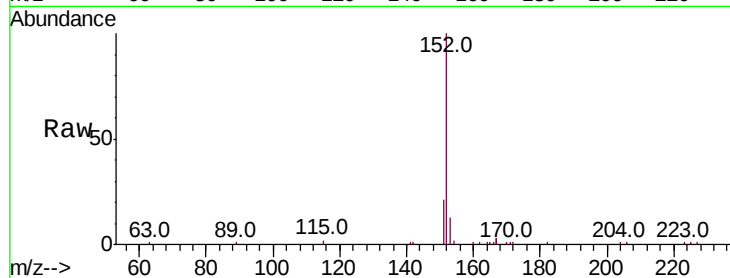
#11
 2-Methylnaphthalene-d10
 Concen: 0.531 ng/mL
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE099397.D
 Acq: 27 Apr 2019 3:08

Instrument :
 BNA_E
 ClientSampleId :
 PST-028-SW005-042219MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	14.9	22.3

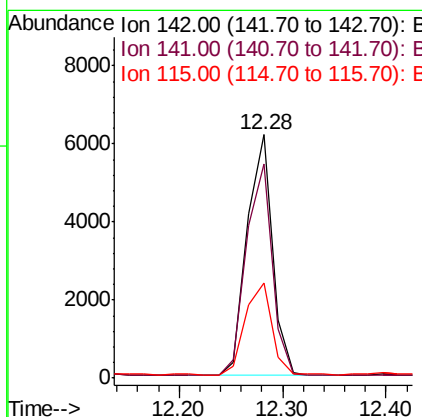
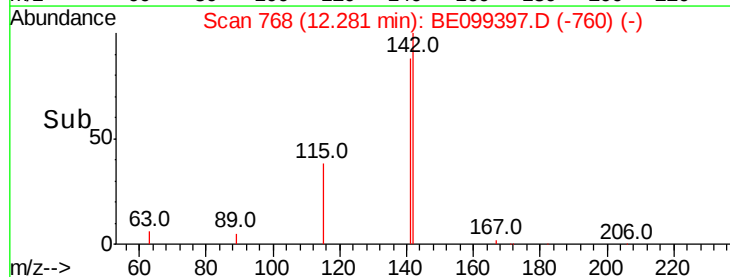
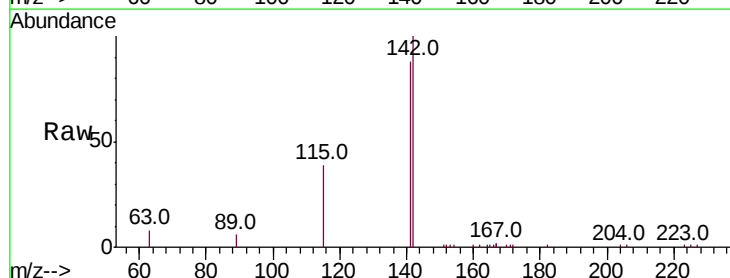
Manual Integrations
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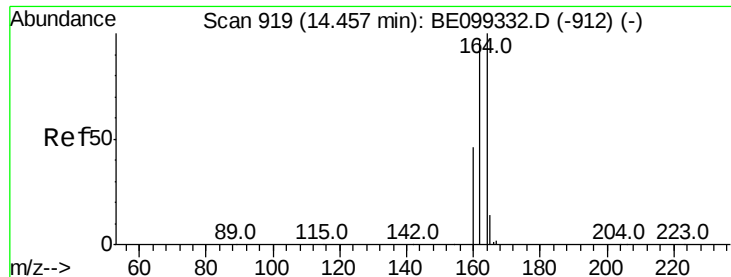
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#12
 2-Methylnaphthalene
 Concen: 0.576 ng/mL
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE099397.D
 Acq: 27 Apr 2019 3:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.0	108.0
115	39.0	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: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

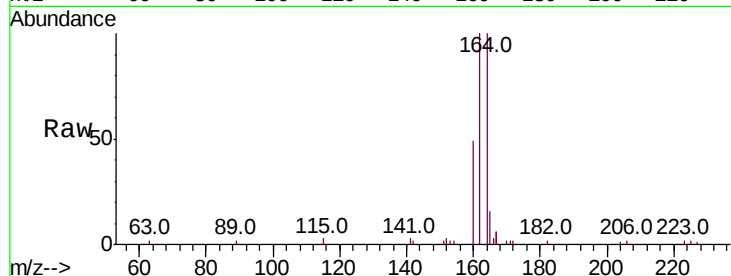
ClientSampleId :

PST-028-SW005-042219MSD

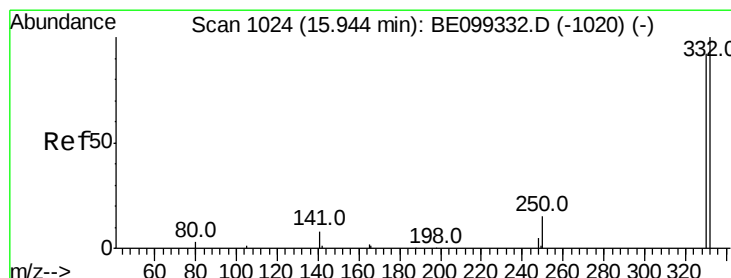
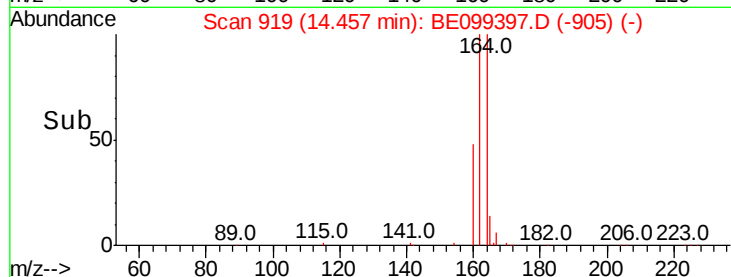
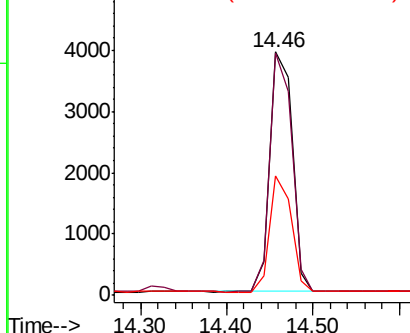
Tot Ion:	164	Resp:	7142
Ion Ratio	Lower	Upper	
164	100		
162	99.7	77.8	116.6
160	49.0	37.1	55.7

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



#14

2,4,6-Tribromophenol

Concen: 1.171 ng

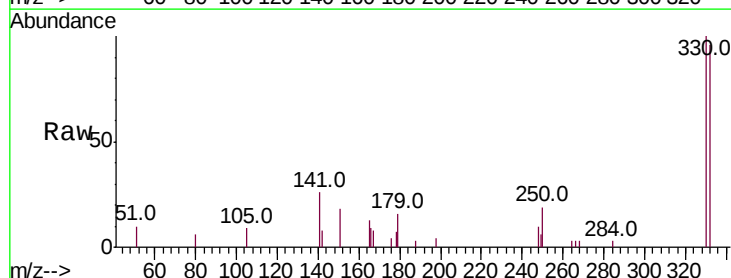
RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

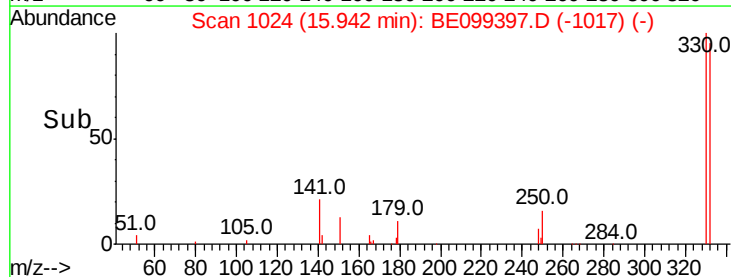
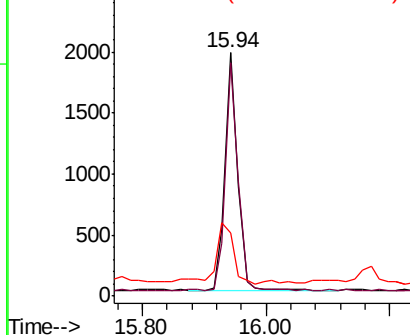
Lab File: BE099397.D

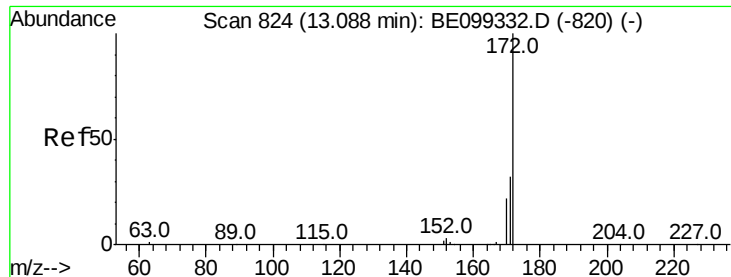
Acq: 27 Apr 2019 3:08

Tgt Ion:	330	Resp:	2779
Ion Ratio	Lower	Upper	
330	100		
332	93.7	82.5	123.7
141	33.6	24.9	37.3



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





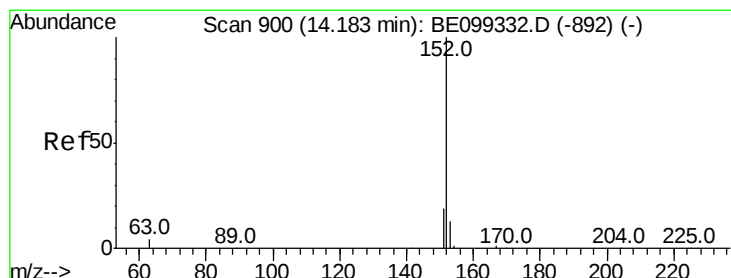
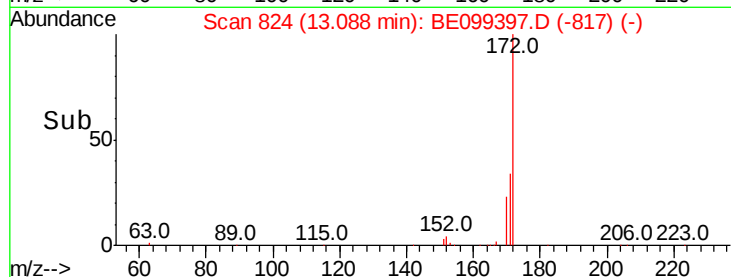
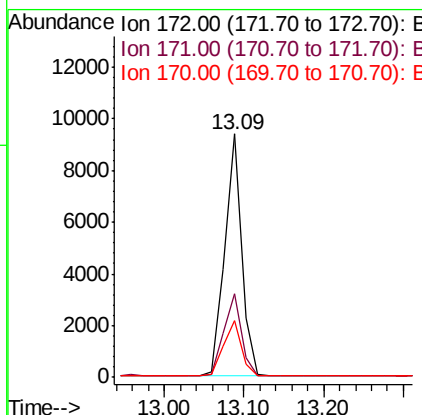
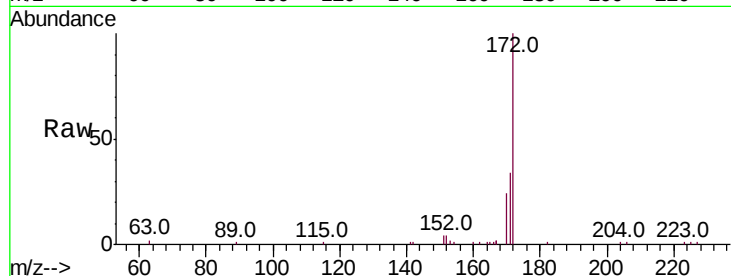
#15
2-Fluorobiphenyl
Concen: 0.495 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099397.D
Acq: 27 Apr 2019 3:08

Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	26.2	39.2
170	23.5	18.1	27.1

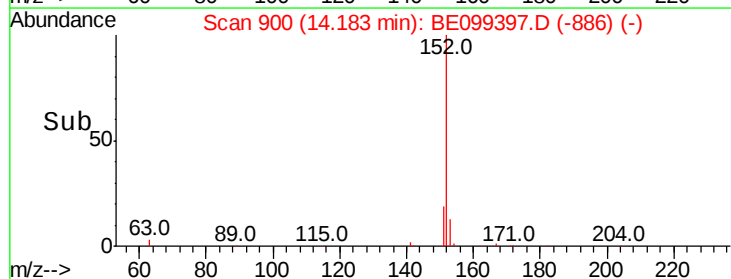
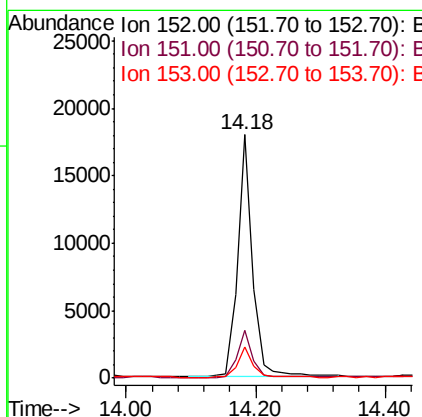
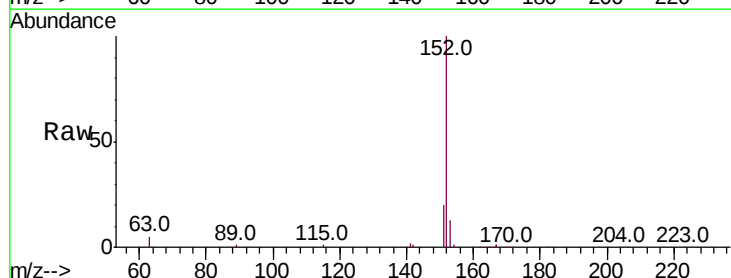
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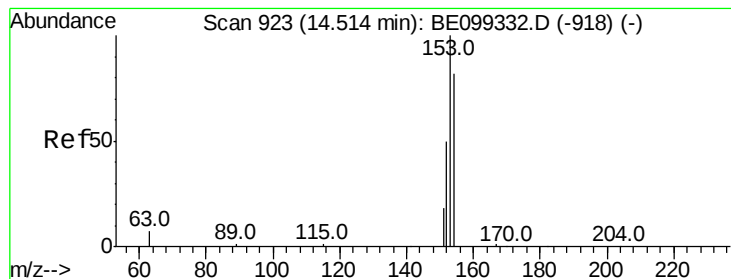
Sohil
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#16
Acenaphthylene
Concen: 0.894 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099397.D
Acq: 27 Apr 2019 3:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	12.7	10.2	15.4





#17

Acenaphthene

Concen: 0.835 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

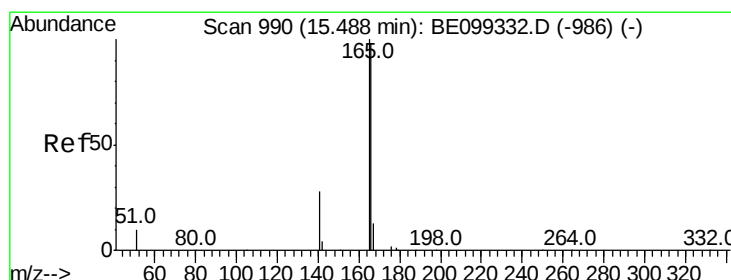
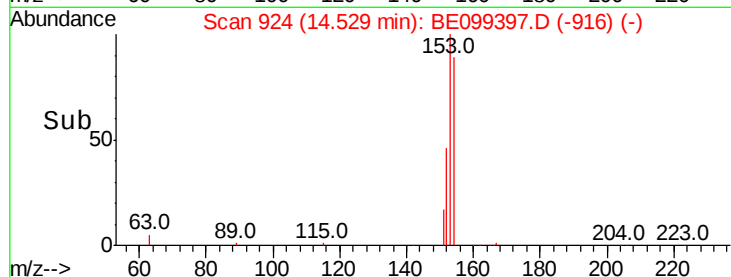
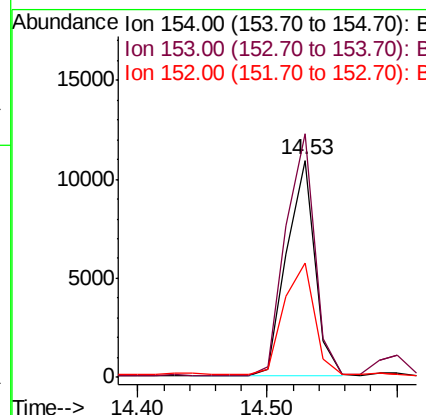
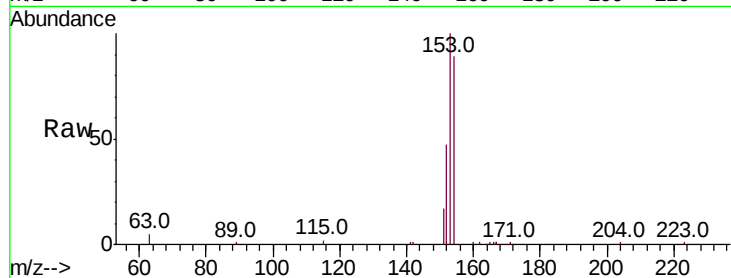
ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	94.7	142.1
152	55.7	46.4	69.6

Manual Integrations
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#18

Fluorene

Concen: 0.980 ng

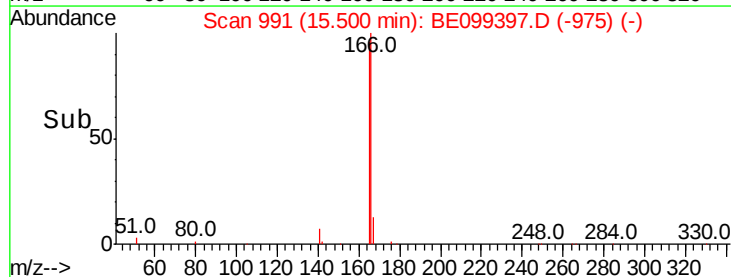
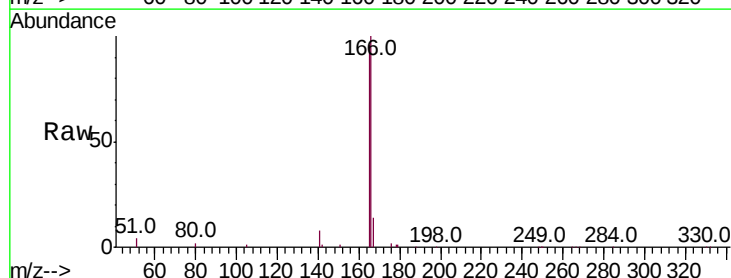
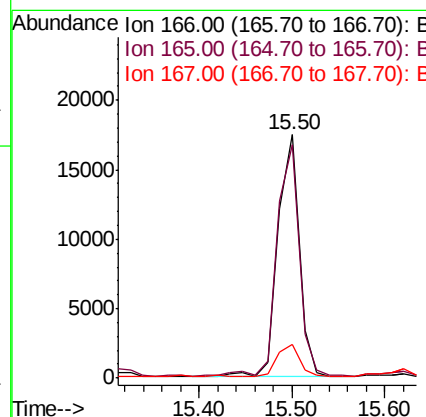
RT: 15.50 min Scan# 991

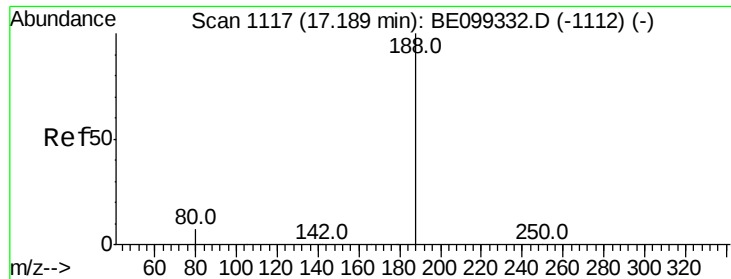
Delta R.T. 0.01 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.7	119.5
167	14.7	11.0	16.4





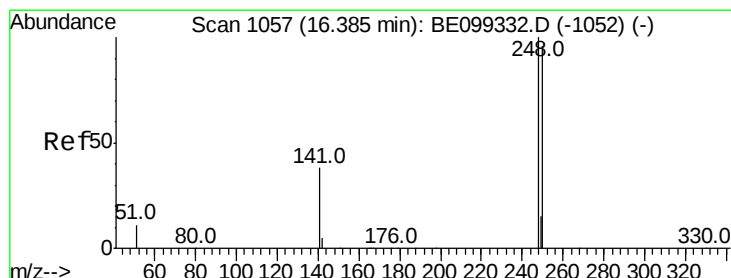
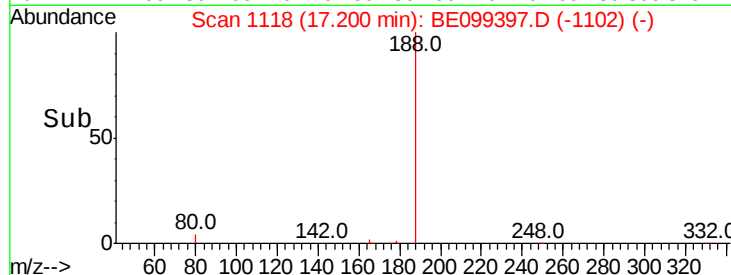
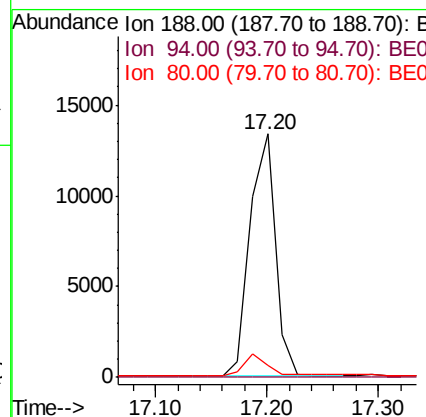
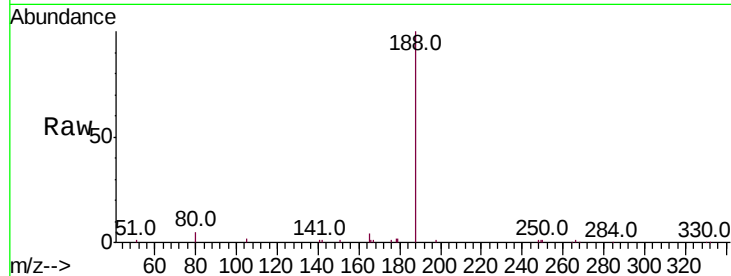
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BE099397.D
Acq: 27 Apr 2019 3:08

Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.0	6.2	9.4#

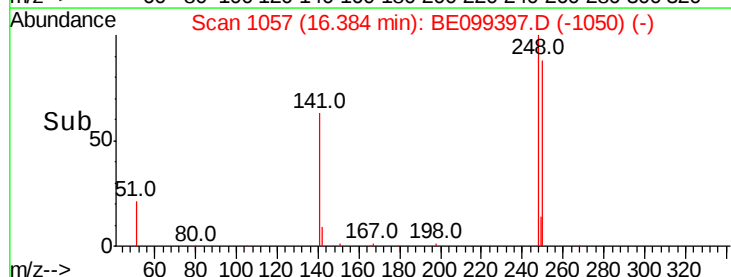
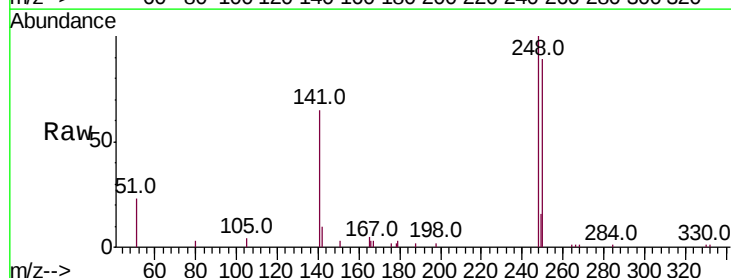
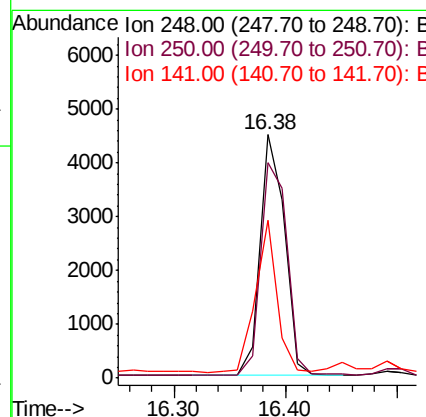
Manual Integrations
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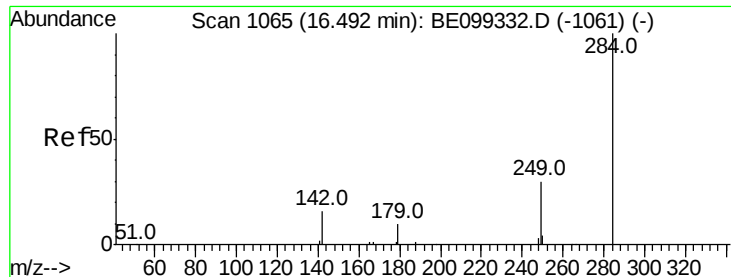
Sohil
4/29/2019 1:32:07 PM



#20
4-Bromophenyl-phenylether
Concen: 0.580 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099397.D
Acq: 27 Apr 2019 3:08

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	88.5	77.0	115.6
141	64.7	31.1	46.7#





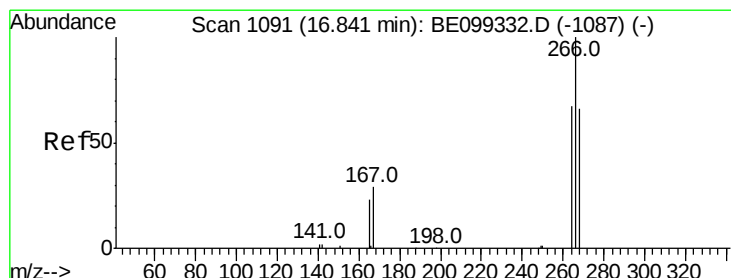
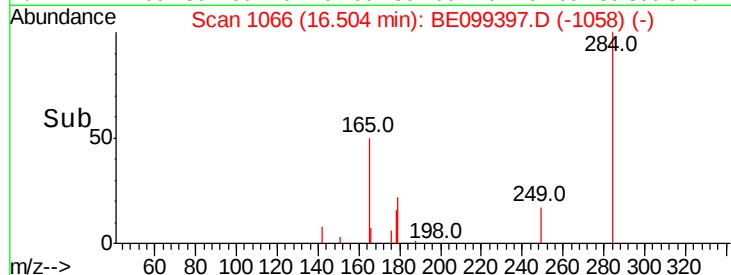
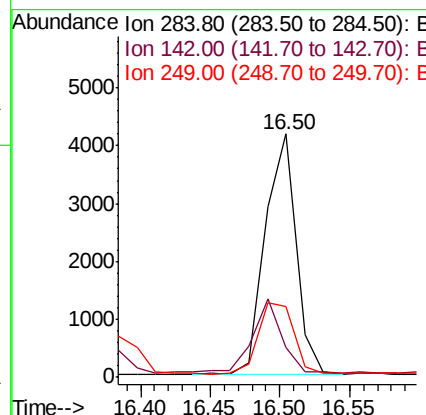
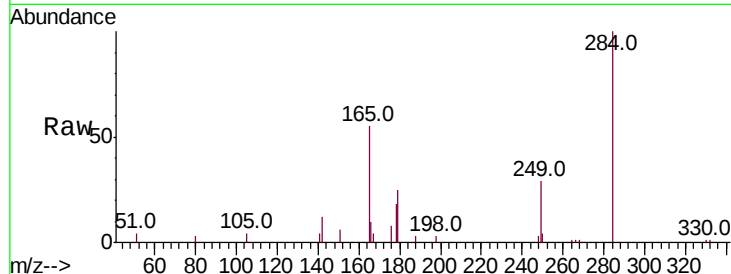
#21
Hexachlorobenzene
Concen: 0.563 ng
RT: 16.50 min Scan# 1066
Delta R.T. 0.01 min
Lab File: BE099397.D
Acq: 27 Apr 2019 3:08

Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.0	21.8	32.6
249	33.9	26.2	39.4

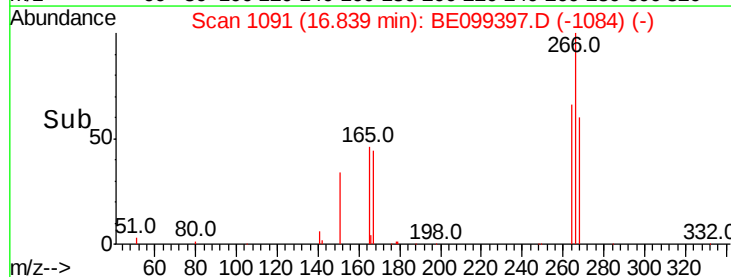
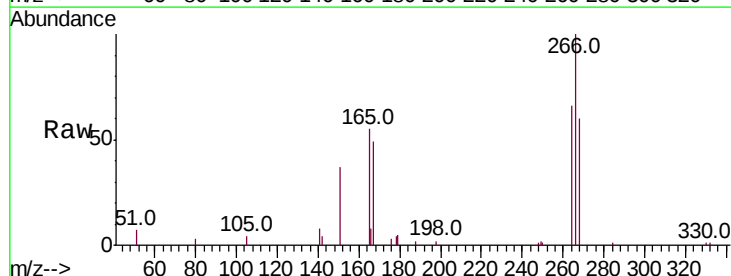
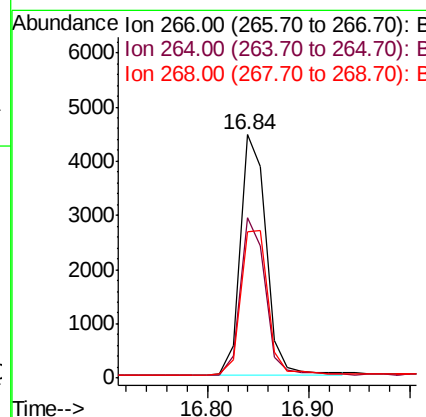
Manual Integrations
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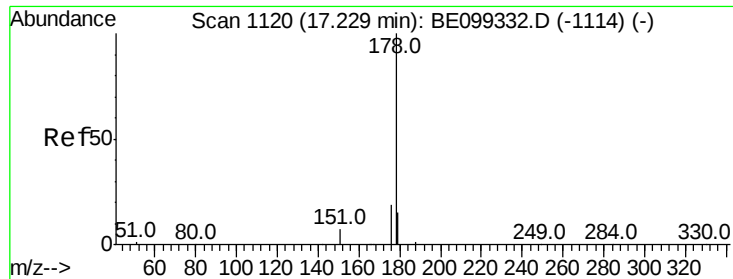
Sohil
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#22
Pentachlorophenol
Concen: 1.934 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE099397.D
Acq: 27 Apr 2019 3:08

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.1	54.5	81.7
268	60.3	54.3	81.5





#23

Phenanthrene

Concen: 9.313 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

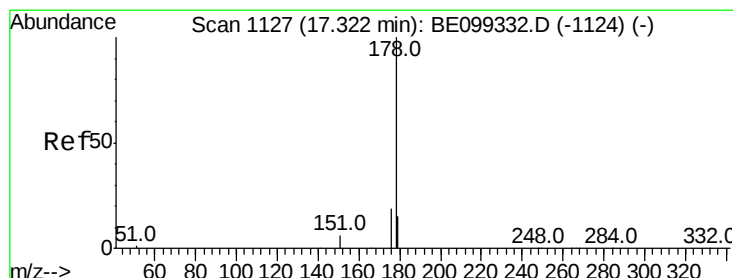
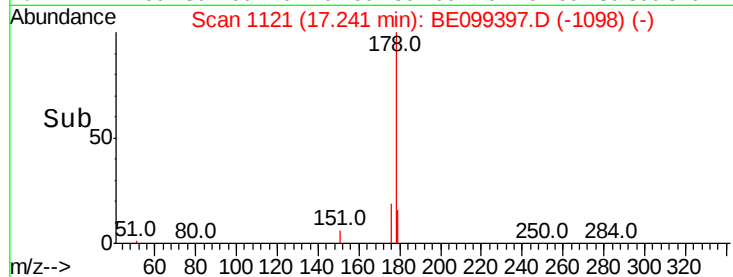
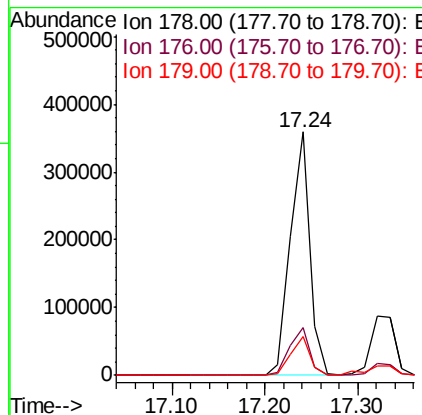
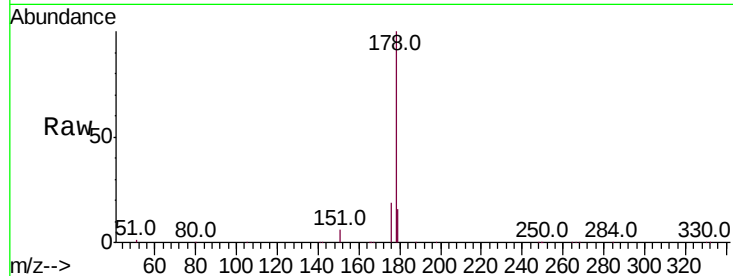
ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion:178	Resp:	527028
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.3 22.9
179	15.8	12.4 18.6

Manual Integrations
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#24

Anthracene

Concen: 3.045 ng

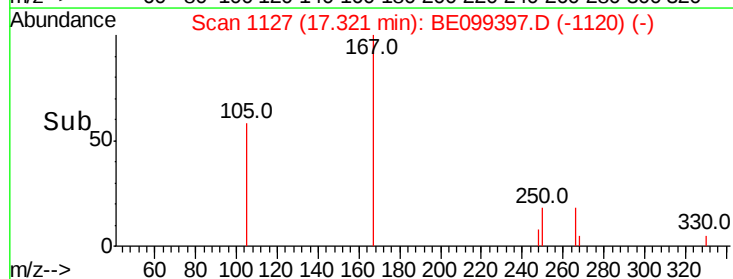
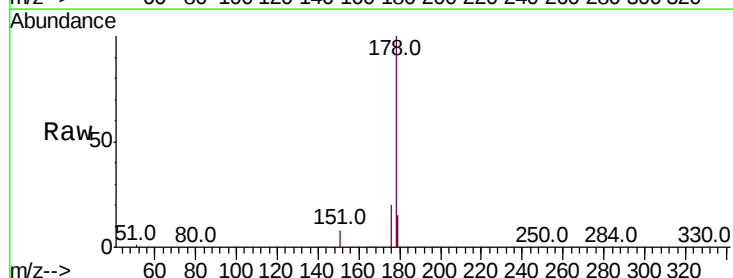
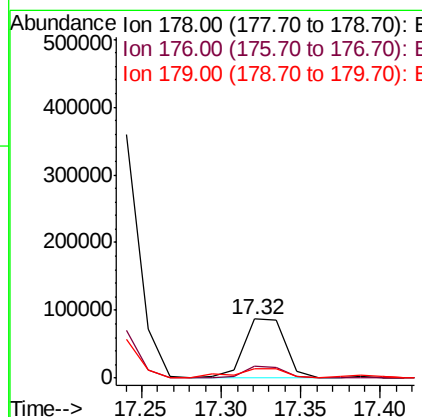
RT: 17.32 min Scan# 1127

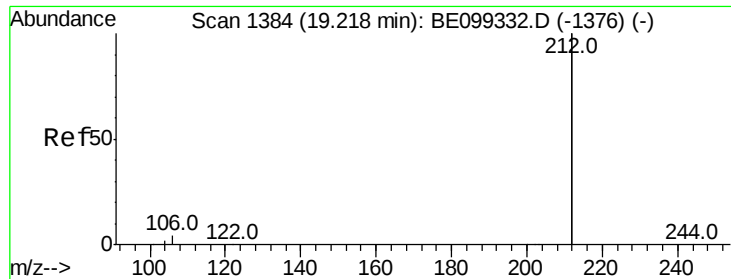
Delta R.T. -0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Tgt Ion:178	Resp:	153285
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.1 22.7
179	19.6	11.9 17.9#





#25

Fluoranthene-d10

Concen: 0.565 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

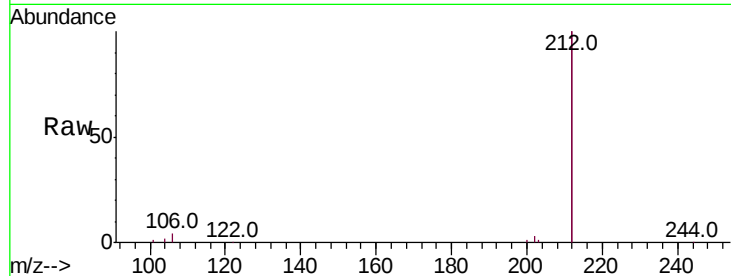
ClientSampleId :

PST-028-SW005-042219MSD

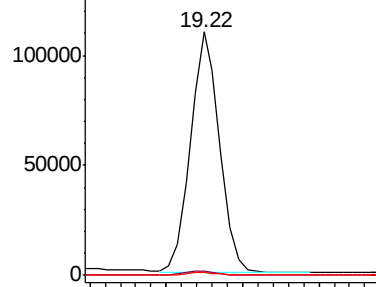
Tot Ion:	212	Resp:	145109
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.8	2.6
104	1.1	1.0	1.4

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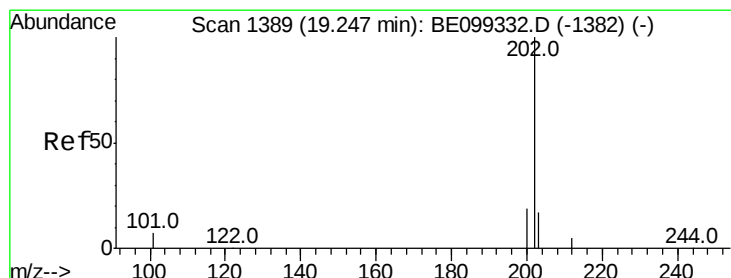
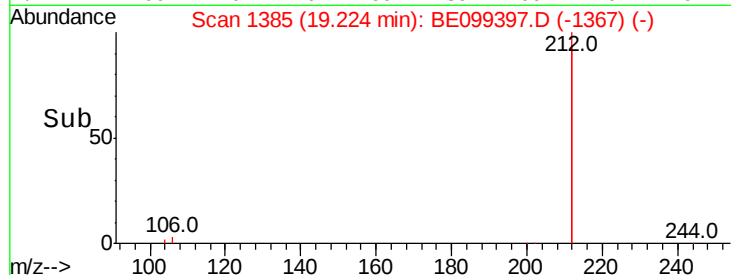
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Abundance Ion 212.00 (211.70 to 212.70): E
150000
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 19.15 19.20 19.25 19.30



#26

Fluoranthene

Concen: 14.741 ng

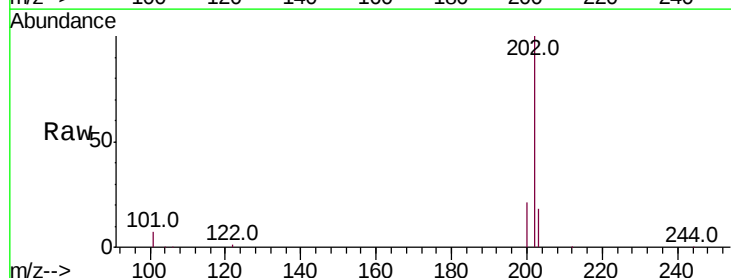
RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

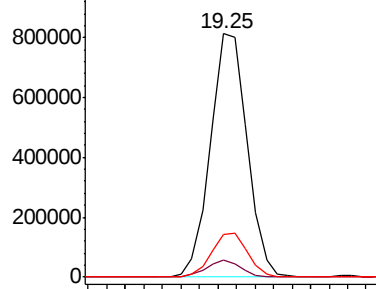
Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

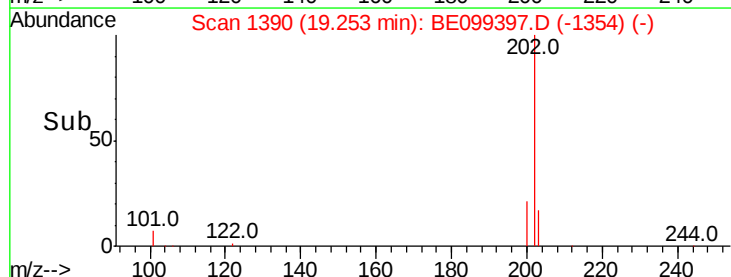
Tgt Ion:	202	Resp:	1116512
Ion Ratio	Lower	Upper	
202	100		
101	6.5	6.4	9.6
203	17.8	13.5	20.3

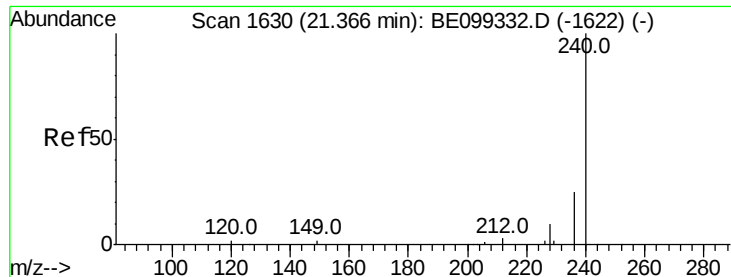


Abundance Ion 202.00 (201.70 to 202.70): E
1000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.20 19.25 19.30





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

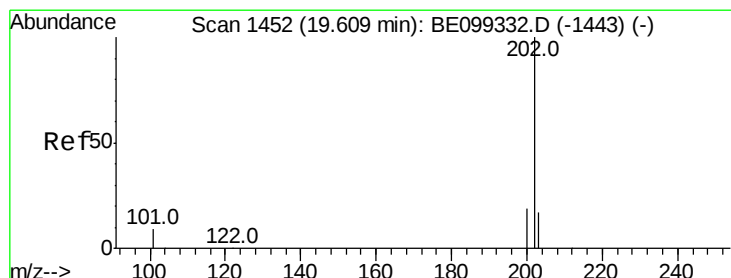
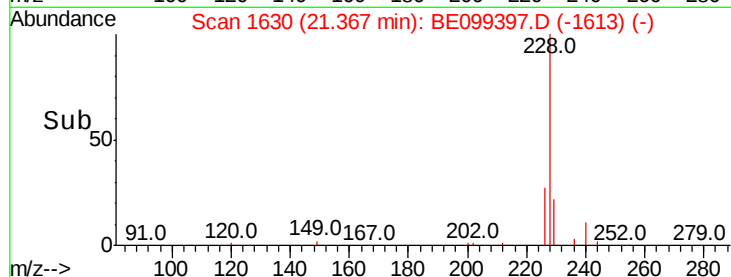
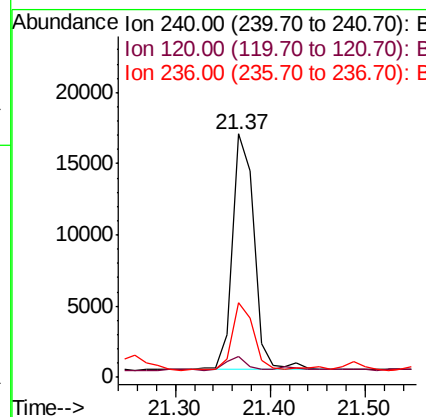
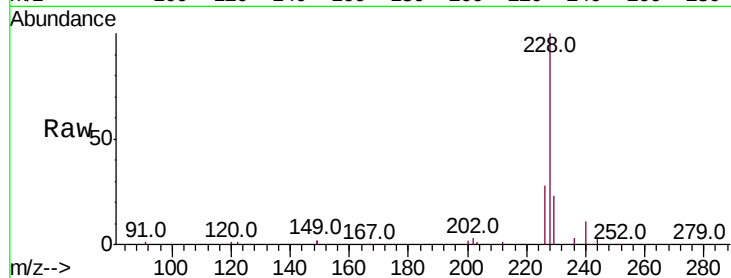
ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	2.2	3.2#
236	30.8	20.2	30.4#

Manual Integrations
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#28

Pyrene

Concen: 12.710 ng

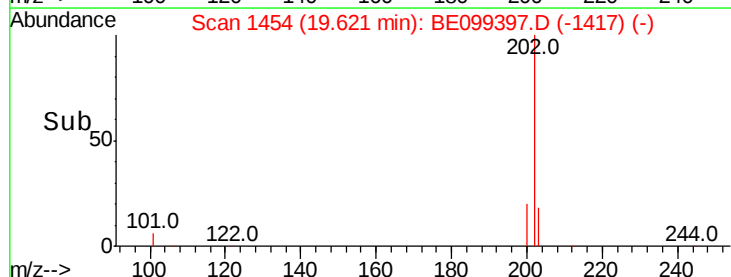
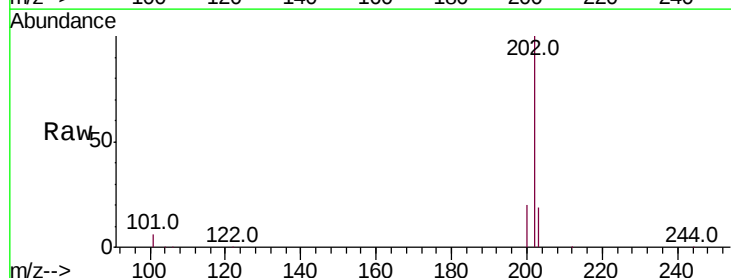
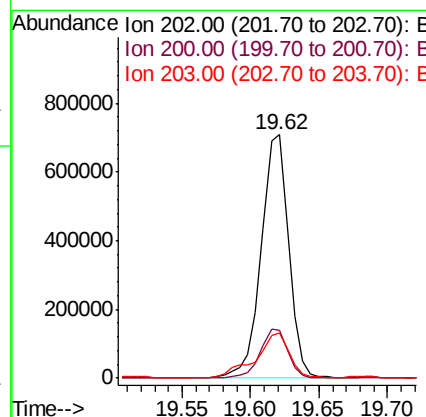
RT: 19.62 min Scan# 1454

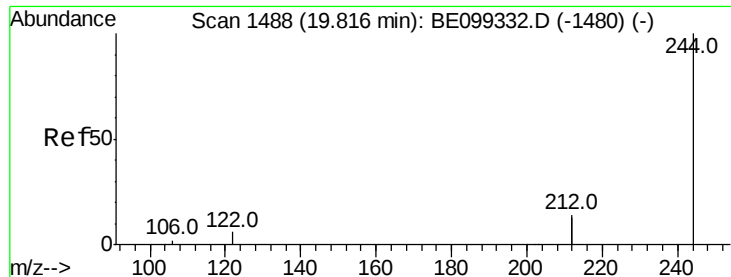
Delta R.T. 0.01 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.7	23.5
203	22.5	13.7	20.5#





#29

Terphenyl-d14

Concen: 0.504 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

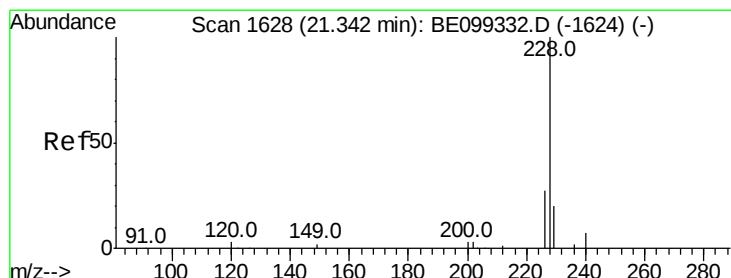
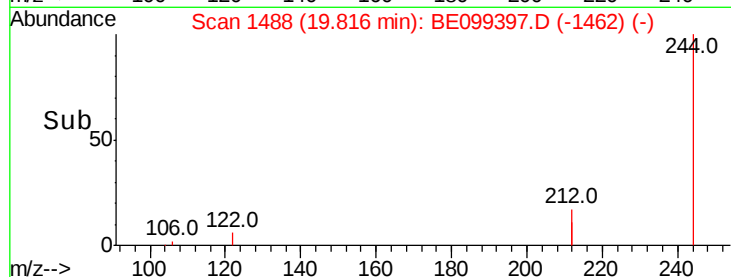
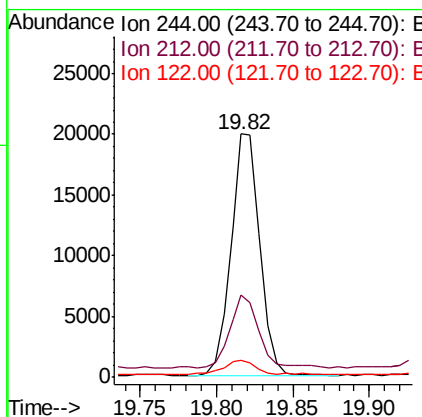
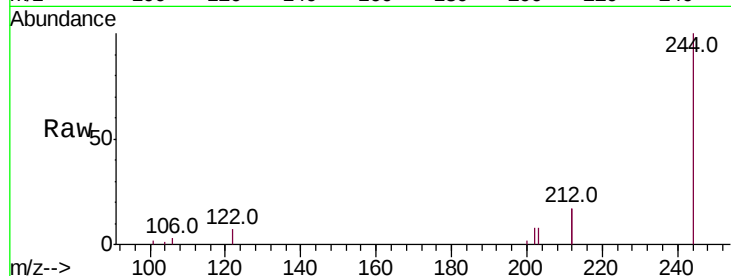
ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	34.0	22.6	33.8
122	7.2	4.6	7.0

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#30

Benzo(a)anthracene

Concen: 7.995 ng

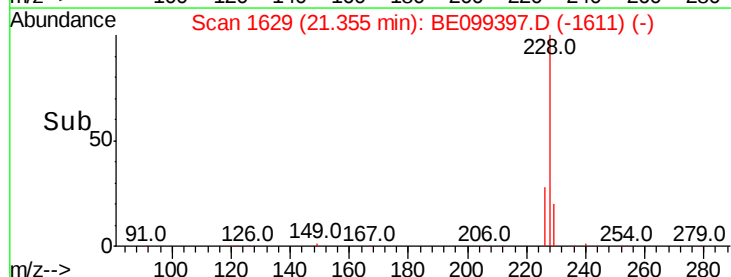
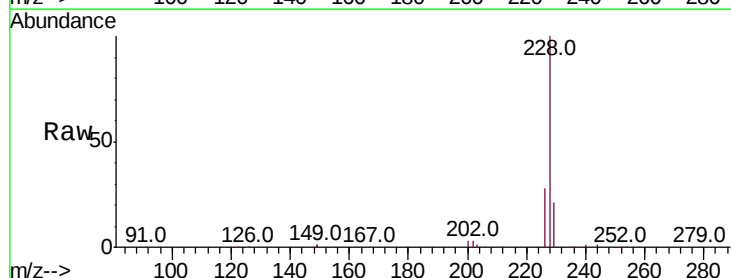
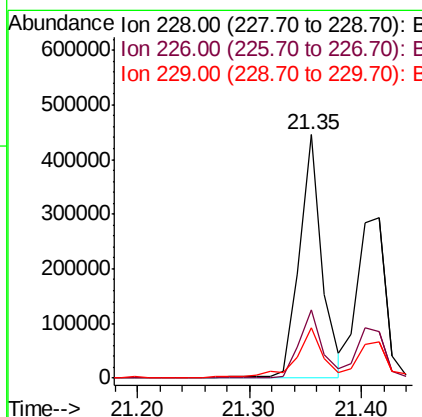
RT: 21.35 min Scan# 1629

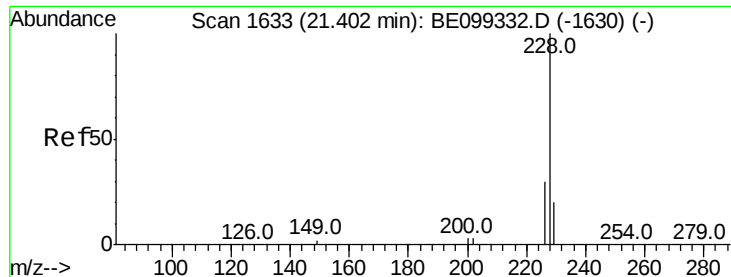
Delta R.T. 0.01 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	20.6	15.8	23.8





#31

Chrysene

Concen: 6.192 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

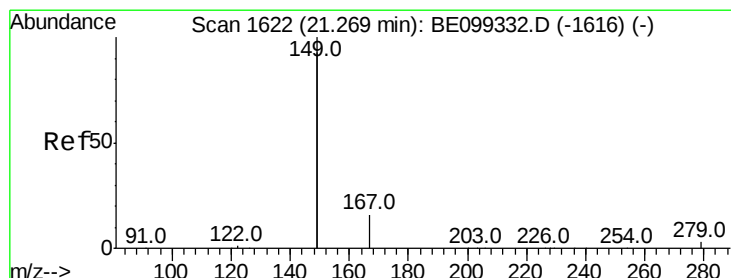
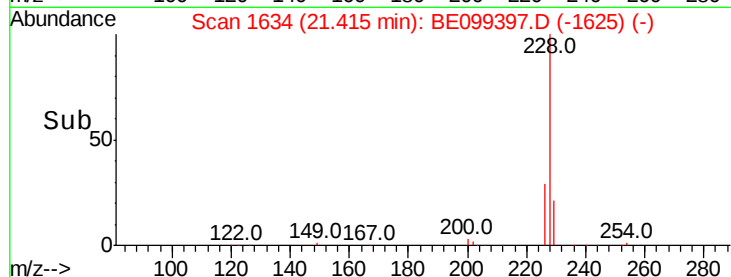
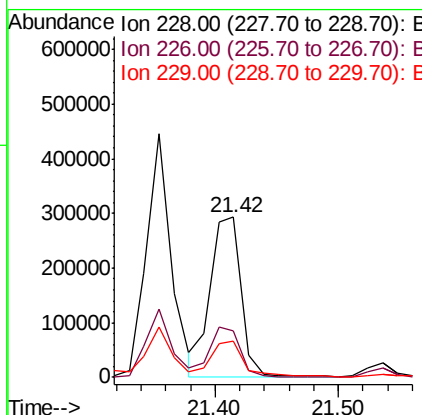
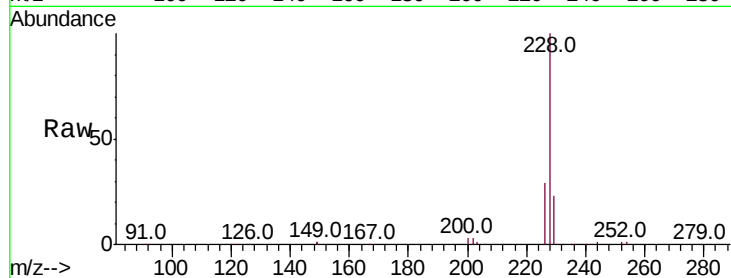
ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion:	228	Resp:	508977
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.2
229	22.8	16.2	24.2

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#32

Bis(2-ethylhexyl)phthalate

Concen: 1.482 ng

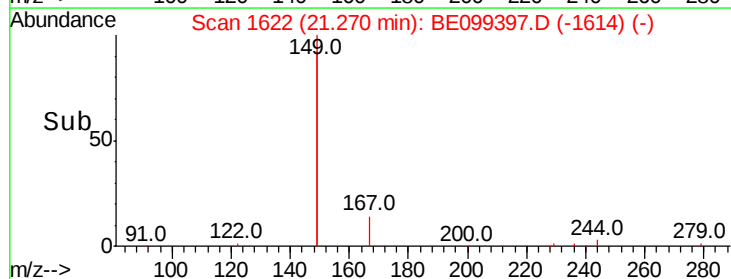
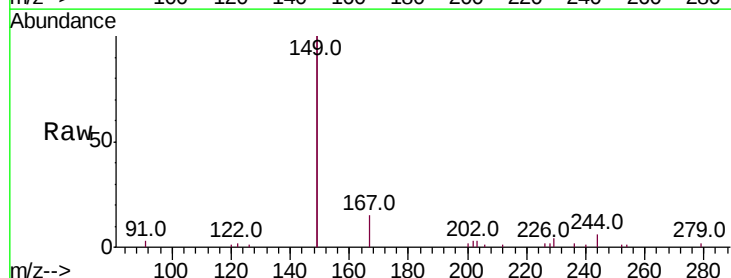
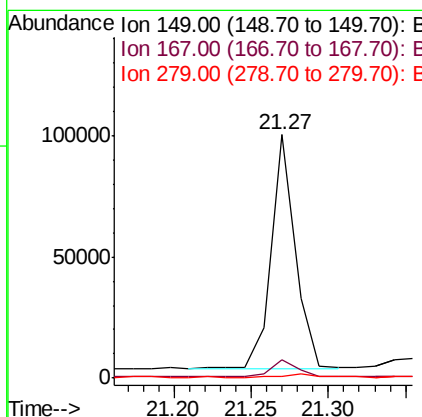
RT: 21.27 min Scan# 1622

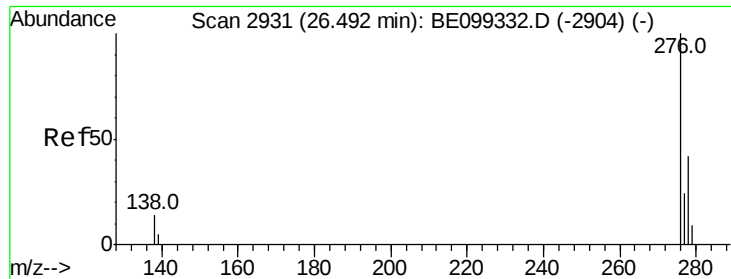
Delta R.T. 0.00 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Tgt Ion:	149	Resp:	104128
Ion Ratio	Lower	Upper	
149	100		
167	7.5	6.0	9.0
279	1.5	1.1	1.7





#33

Indeno(1,2,3-cd)pyrene

Concen: 2.419 ng

RT: 26.53 min Scan# 2942

Delta R.T. 0.04 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

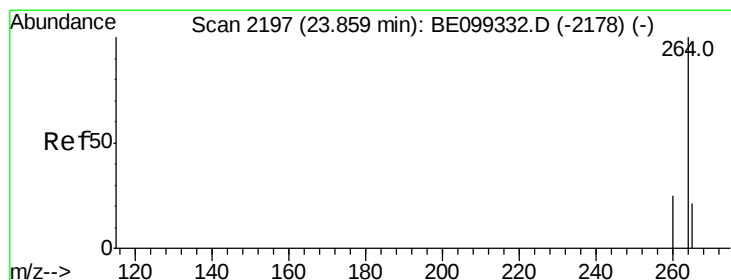
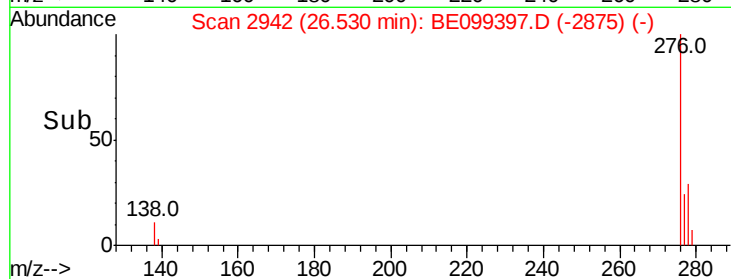
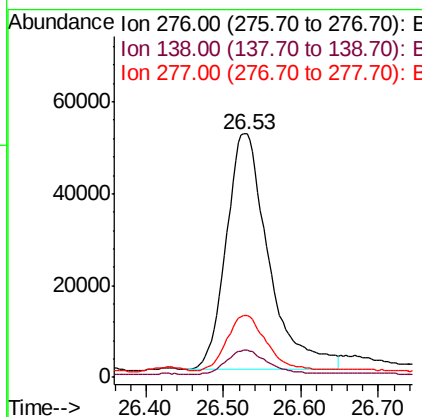
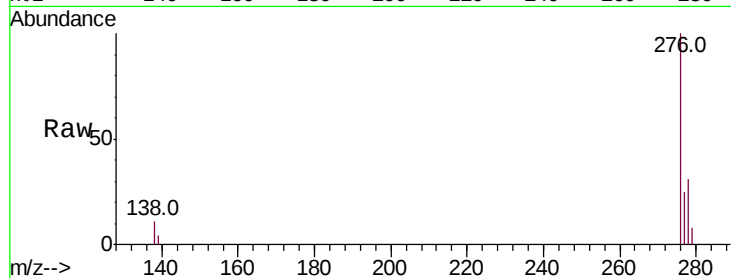
ClientSampleId :

PST-028-SW005-042219MSD

Tot Ion:	276	Resp:	196374
Ion Ratio	Lower	Upper	
276	100		
138	10.5	12.7	19.1#
277	21.8	19.6	29.4

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#34

Perylene-d12

Concen: 0.400 ng

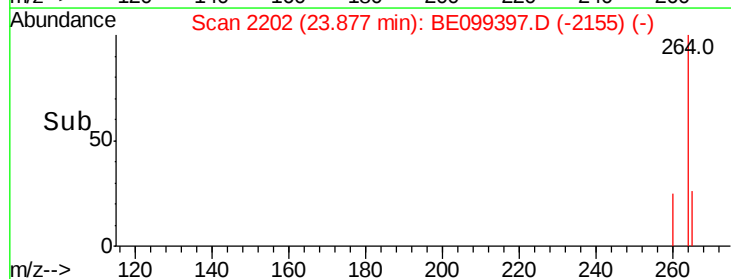
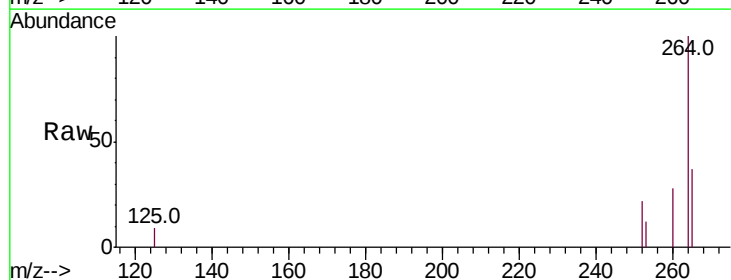
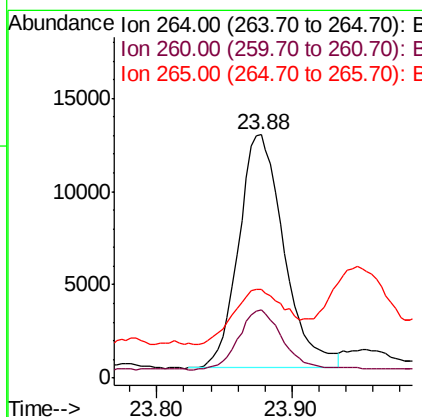
RT: 23.88 min Scan# 2202

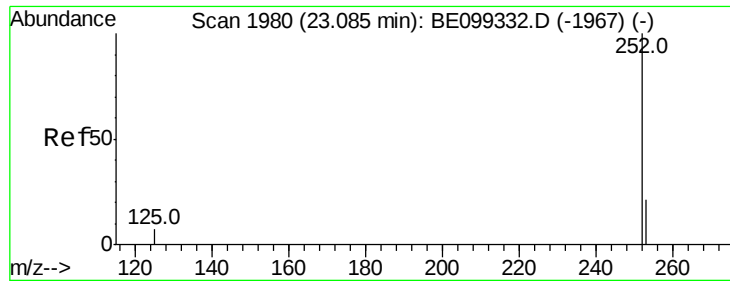
Delta R.T. 0.02 min

Lab File: BE099397.D

Acq: 27 Apr 2019 3:08

Tgt Ion:	264	Resp:	29229
Ion Ratio	Lower	Upper	
264	100		
260	27.8	20.1	30.1
265	36.6	19.9	29.9#





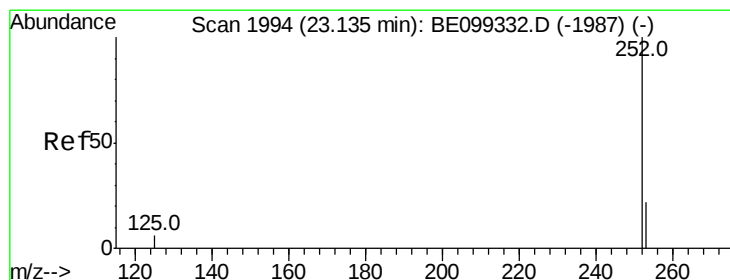
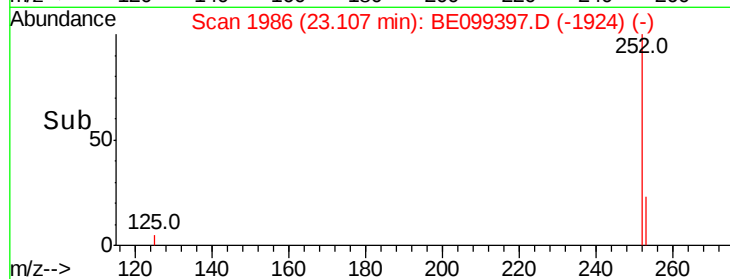
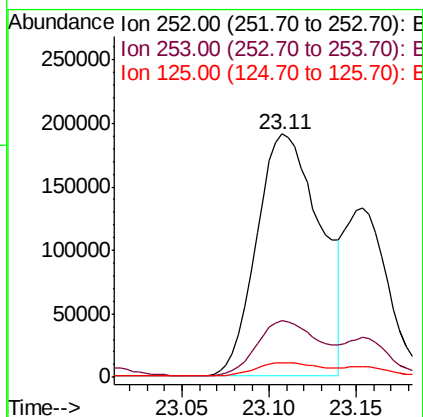
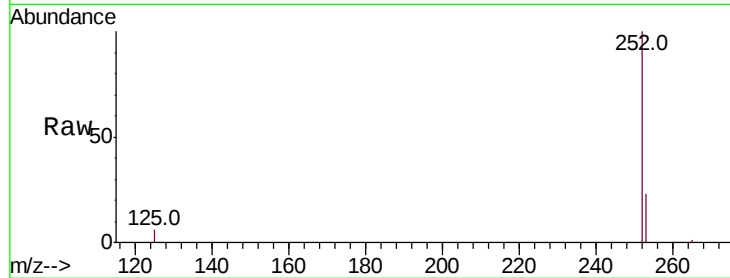
#35
Benzo(b)fluoranthene
Concen: 5.417 ng
RT: 23.11 min Scan# 1986
Delta R.T. 0.02 min
Lab File: BE099397.D
Acq: 27 Apr 2019 3:08

Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	5.9	5.8	8.6

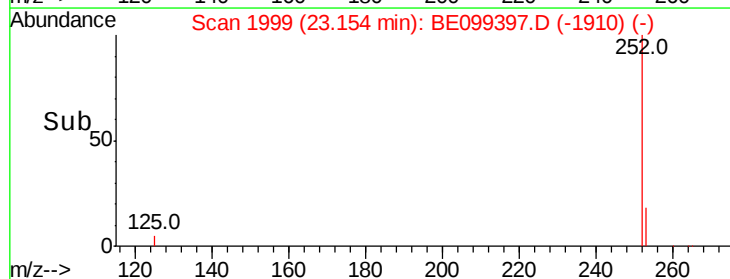
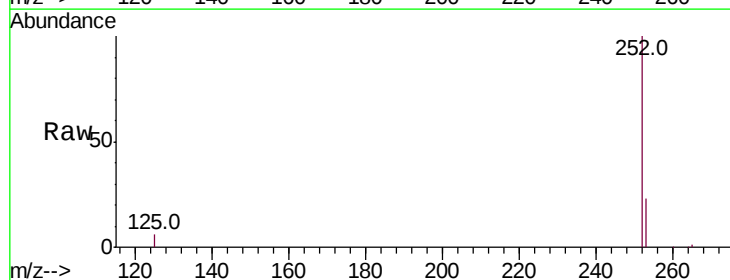
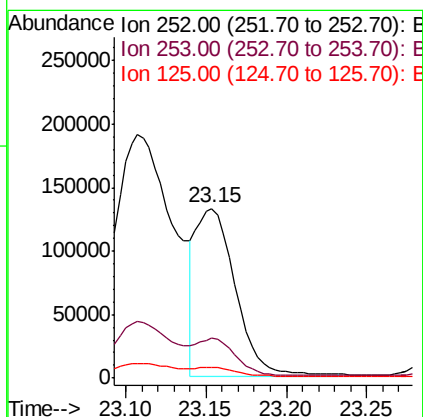
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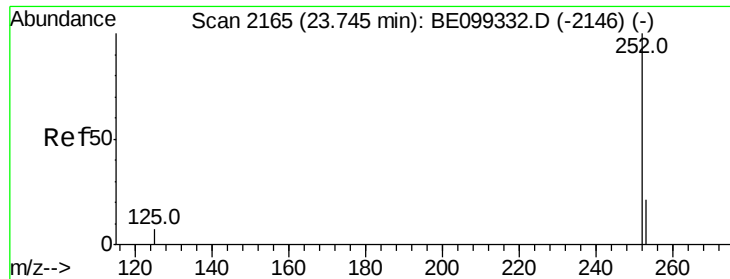
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#36
Benzo(k)fluoranthene
Concen: 2.574 ng m
RT: 23.15 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BE099397.D
Acq: 27 Apr 2019 3:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	6.3	5.4	8.0





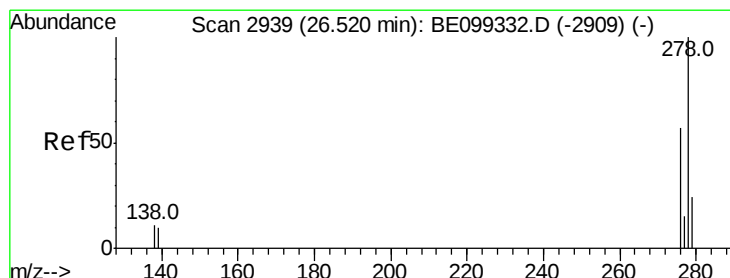
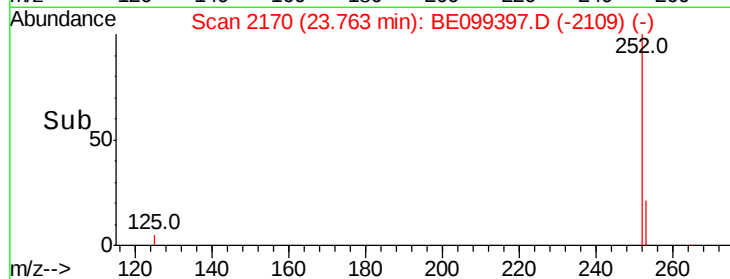
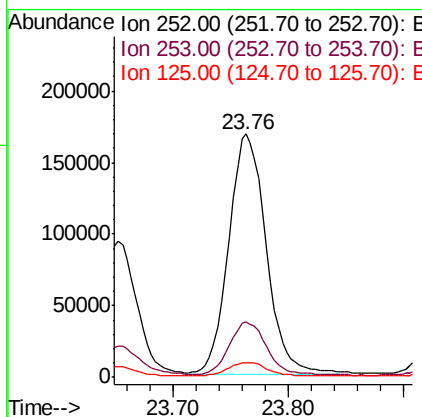
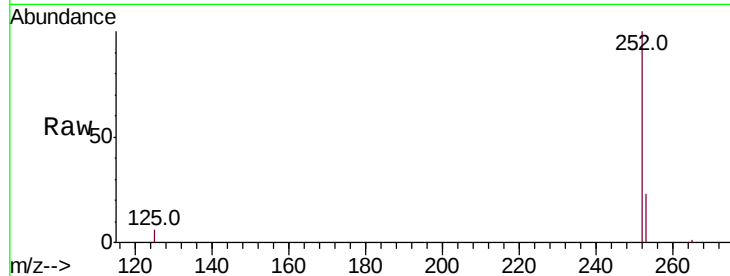
#37
Benzo(a)pyrene
Concen: 4.769 ng/mL
RT: 23.76 min Scan# 2170
Delta R.T. 0.02 min
Lab File: BE099397.D
Acq: 27 Apr 2019 3:08

Instrument :
BNA_E
ClientSampleId :
PST-028-SW005-042219MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	6.2	6.5	9.7

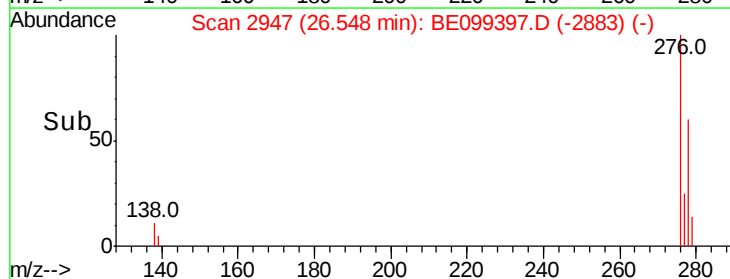
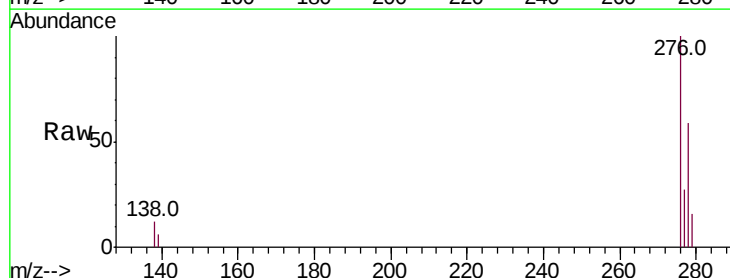
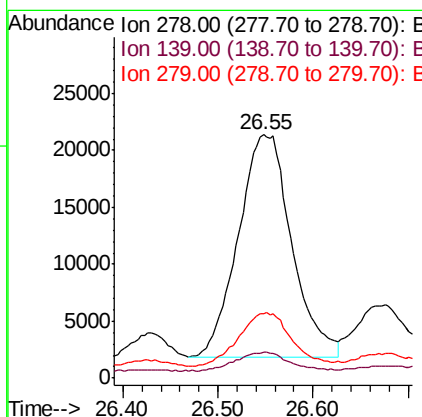
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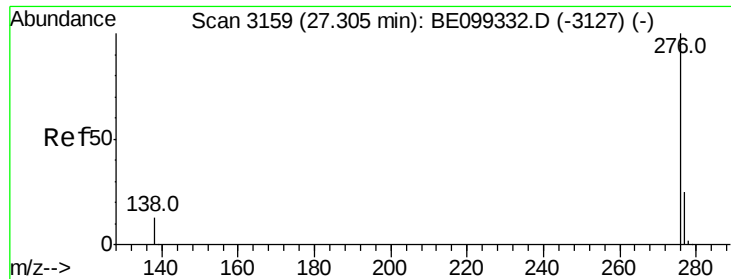
Sohil
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#38
Dibenzo(a,h)anthracene
Concen: 0.928 ng/mL
RT: 26.55 min Scan# 2947
Delta R.T. 0.03 min
Lab File: BE099397.D
Acq: 27 Apr 2019 3:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.9	8.5	12.7
279	26.5	19.8	29.8





#39

Benzo(a,h,i)perylene

Concen: 1.982 ng

RT: 27.35 min Scan# 3172

Delta R.T. 0.05 min

Lab File: BE099397.D

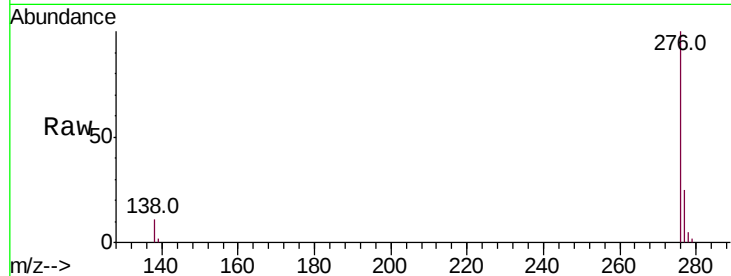
Acq: 27 Apr 2019 3:08

Instrument :

BNA_E

ClientSampleId :

PST-028-SW005-042219MSD



Tot Ion:	276	Resp:	164697
Ion Ratio	Lower	Upper	
276	100		
277	25.5	20.0	30.0
138	11.1	11.1	16.7

Manual Integrations
APPROVED

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4/29/2019 1:32:07 PM

