

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
 Data File : BE099431.D
 Acq On : 30 Apr 2019 18:00
 Operator : JU/SJ
 Sample : K2587-16MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:02:35 PM

Quant Time: May 01 01:35:11 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	2621	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	9104	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5959	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	16999	0.40	ng	0.00
27) Chrysene-d12	21.36	240	25125	0.40	ng	0.00
34) Perylene-d12	23.86	264	33626	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2169	0.30	ng	0.00
5) Phenol-d6	6.96	99	2978	0.31	ng	-0.01
8) Nitrobenzene-d5	8.96	82	2444	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	4201m	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1057	0.28	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	6044	0.27	ng	-0.02
25) Fluoranthene-d10	19.21	212	55943	0.24	ng	0.00
29) Terphenyl-d14	19.81	244	11170	0.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	799	0.222	ng	# 31
3) n-Nitrosodimethylamine	3.64	42	568	0.261	ng	# 1
6) bis(2-Chloroethyl)ether	7.23	93	2313	0.278	ng	97
9) Naphthalene	10.65	128	29359	0.296	ng	100
10) Hexachlorobutadiene	10.93	225	1782	0.258	ng	98
12) 2-Methylnaphthalene	12.27	142	4791	0.278	ng	95
16) Acenaphthylene	14.17	152	8469	0.290	ng	99
17) Acenaphthene	14.51	154	4926	0.296	ng	99
18) Fluorene	15.49	166	7214	0.294	ng	98
20) 4-Bromophenyl-phenylether	16.39	248	2753	0.278	ng	# 87
21) Hexachlorobenzene	16.49	284	2636	0.279	ng	97
22) Pentachlorophenol	16.84	266	1511	0.482	ng	97
23) Phenanthrene	17.23	178	20907	0.477	ng	99
24) Anthracene	17.32	178	13564	0.324	ng	99
26) Fluoranthene	19.25	202	31711	0.483	ng	99
28) Pyrene	19.61	202	30736	0.469	ng	97
30) Benzo(a)anthracene	21.34	228	33081	0.413	ng	98
31) Chrysene	21.40	228	32823	0.419	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	37122	0.257	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.50	276	37208	0.402	ng	100
35) Benzo(b)fluoranthene	23.09	252	35586	0.367	ng	97
36) Benzo(k)fluoranthene	23.14	252	32155	0.344	ng	99
37) Benzo(a)pyrene	23.75	252	34131	0.372	ng	99
38) Dibenzo(a,h)anthracene	26.52	278	28227	0.301	ng	99
39) Benzo(g,h,i)perylene	27.32	276	32268	0.343	ng	98

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

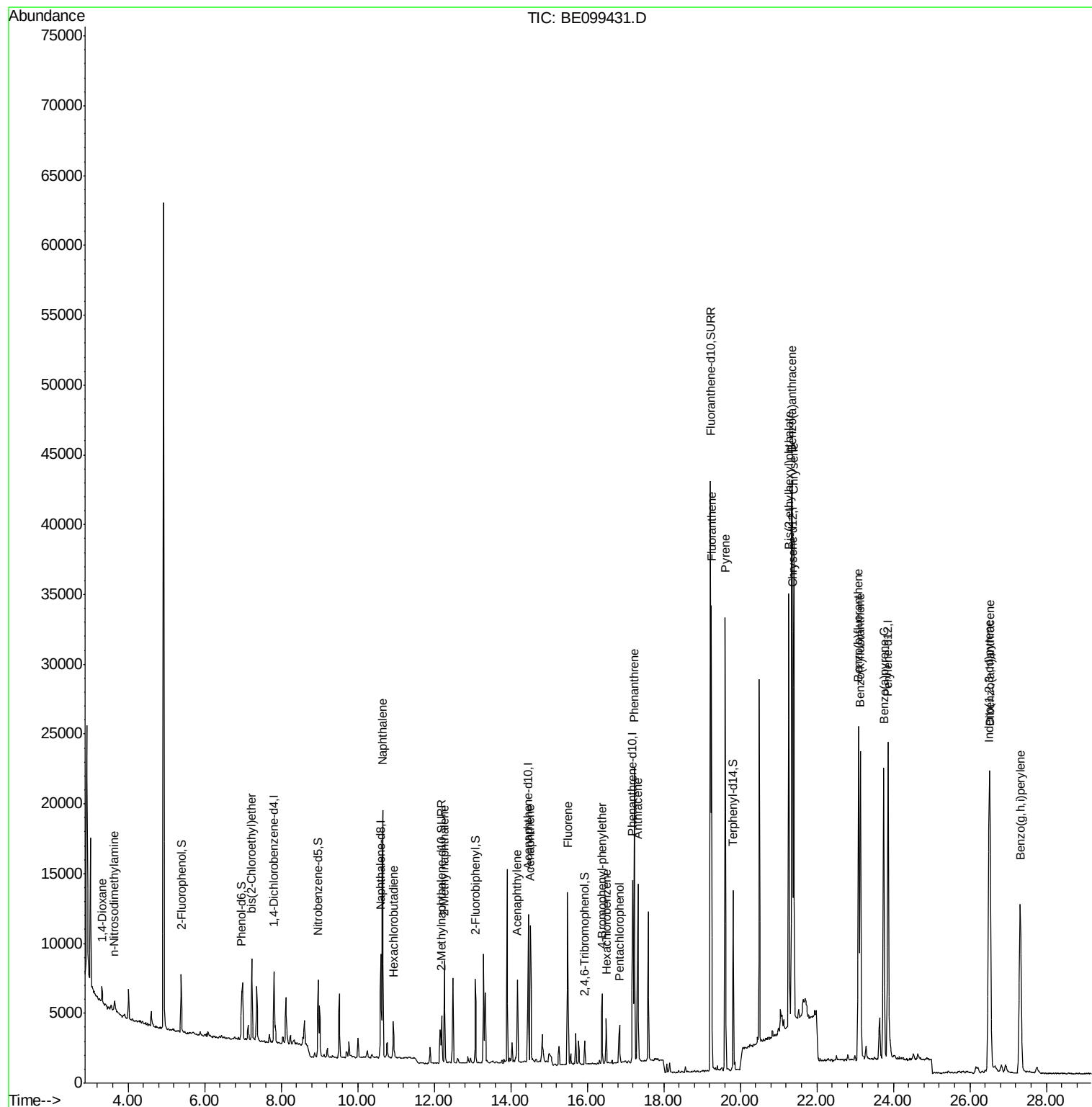
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
Data File : BE099431.D
Acq On : 30 Apr 2019 18:00
Operator : JU/SJ
Sample : K2587-16MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

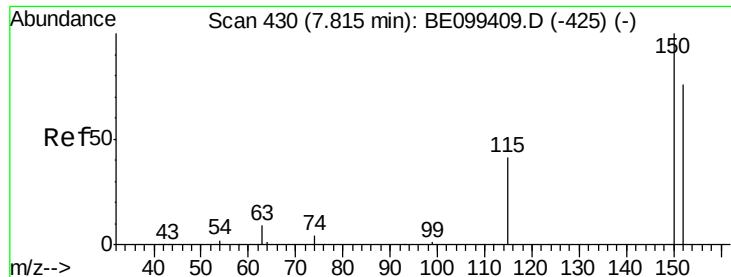
Instrument :
BNA_E
ClientSampleId :
PST-004-B162-042319MS

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM

Quant Time: May 01 01:35:11 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

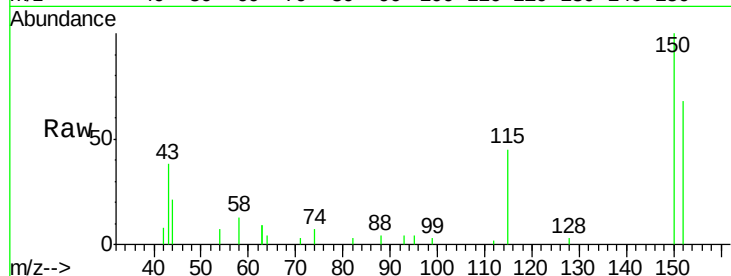
ClientSampleId :

PST-004-B162-042319MS

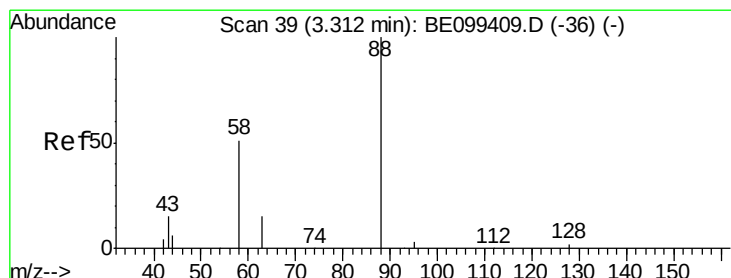
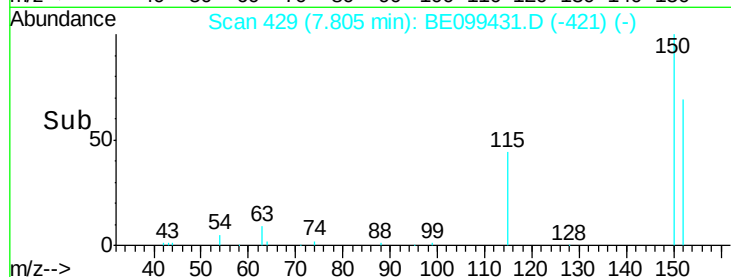
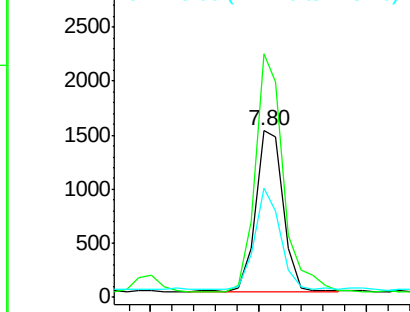
Tgt Ion:	152	Resp:	2621
Ion Ratio	Lower	Upper	
152	100		
150	146.0	104.8	157.2
115	65.5	46.6	69.8

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 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: 0.222 ng

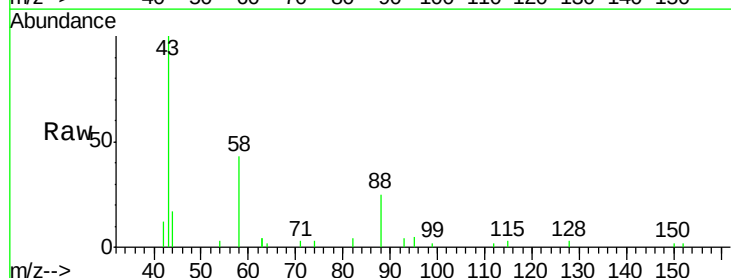
RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

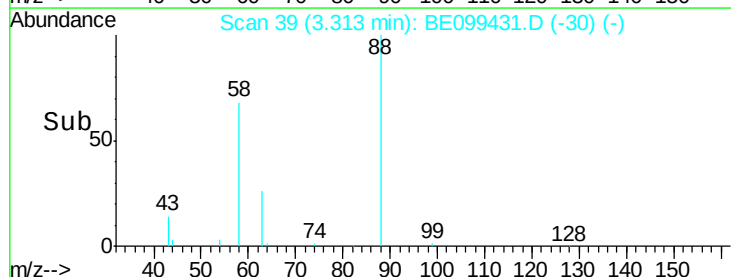
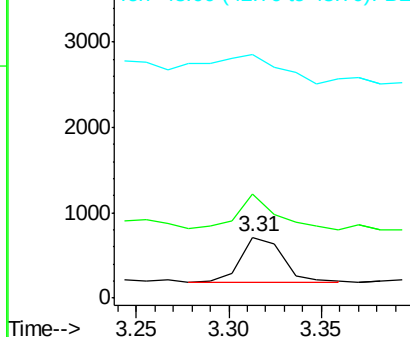
Lab File: BE099431.D

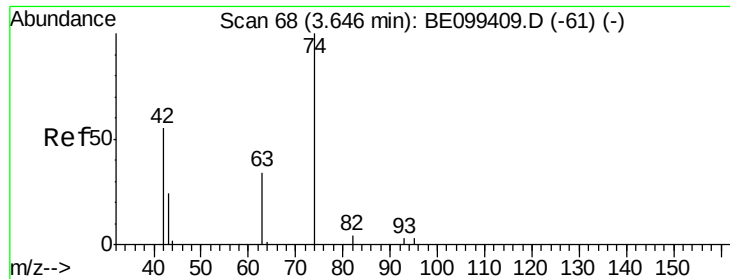
Acq: 30 Apr 2019 18:00

Tgt Ion:	88	Resp:	799
Ion Ratio	Lower	Upper	
88	100		
58	77.1	51.0	76.6#
43	126.3	20.6	30.8#



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: 0.261 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

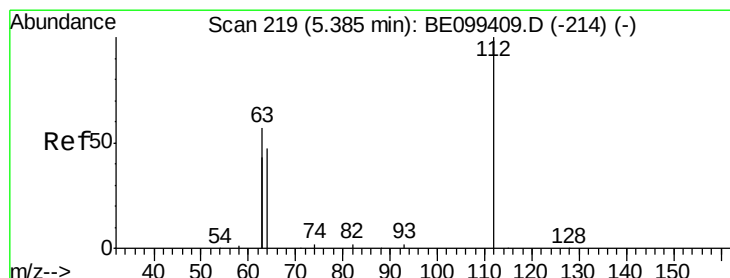
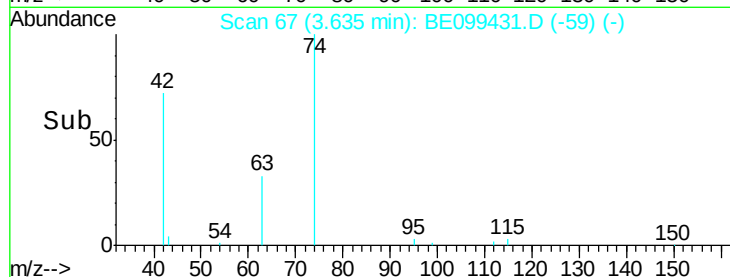
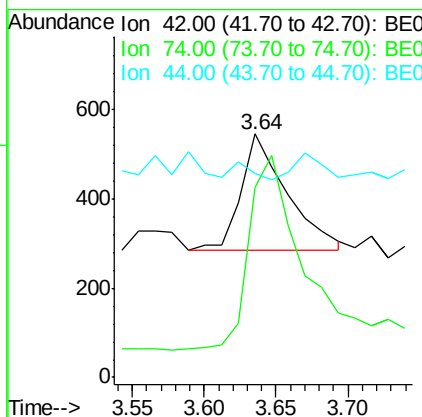
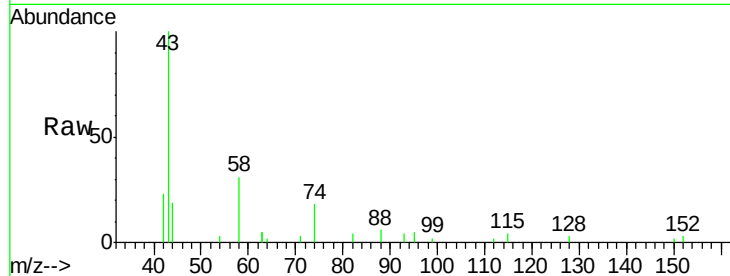
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	42	Resp:	568
Ion Ratio	Lower	Upper	
42	100		
74	0.0	141.6	212.4#
44	6.2	0.0	0.0#

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



#4

2-Fluorophenol

Concen: 0.299 ng

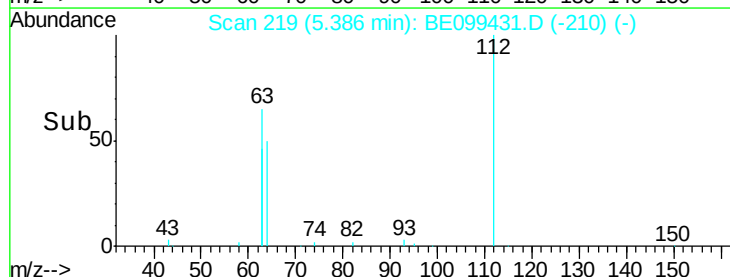
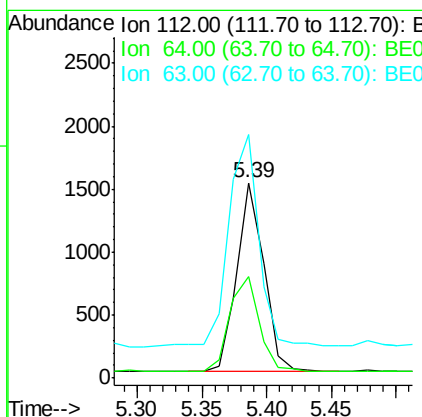
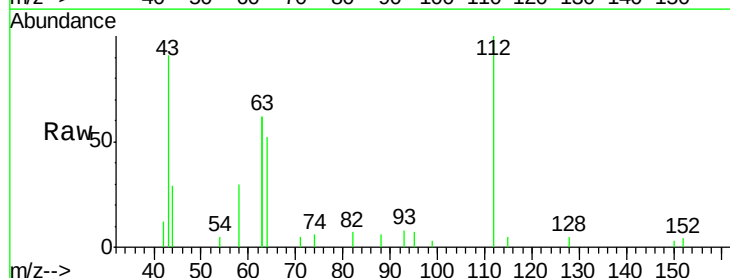
RT: 5.39 min Scan# 219

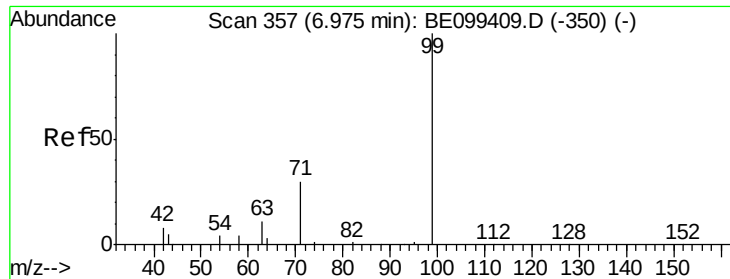
Delta R.T. 0.00 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Tgt Ion:	112	Resp:	2169
Ion Ratio	Lower	Upper	
112	100		
64	55.9	47.4	71.0
63	126.8	104.3	156.5





#5

Phenol-d6

Concen: 0.309 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

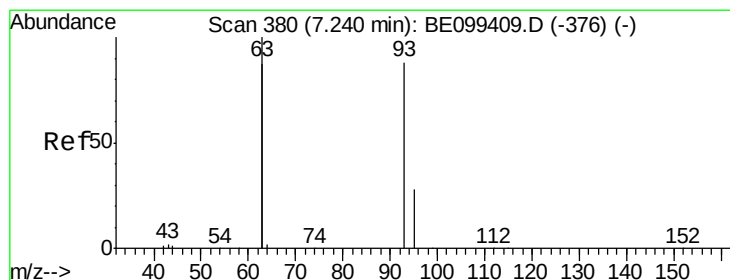
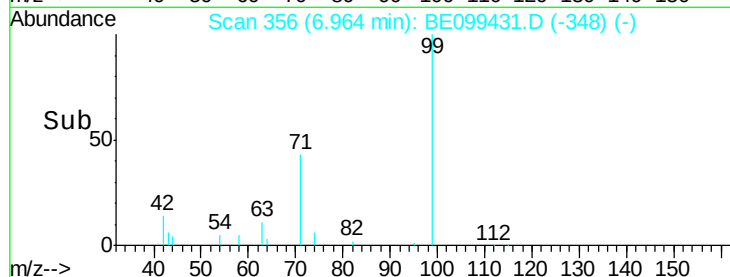
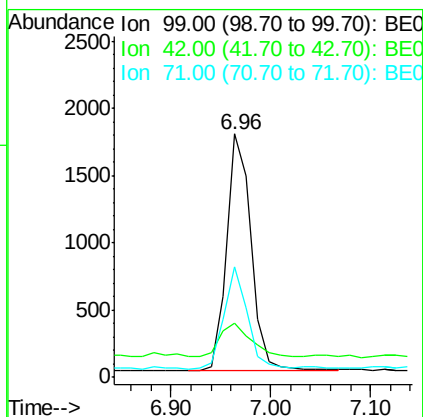
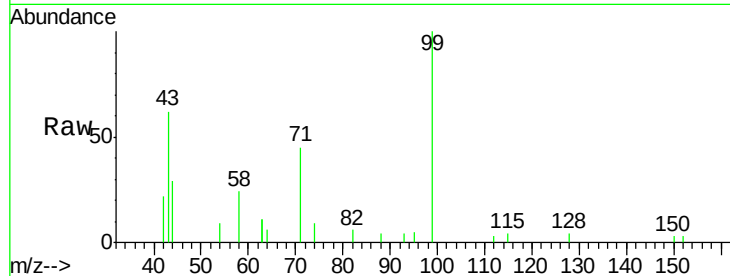
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	99	Resp:	2978
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.9	22.3
71	41.4	33.0	49.6

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.278 ng

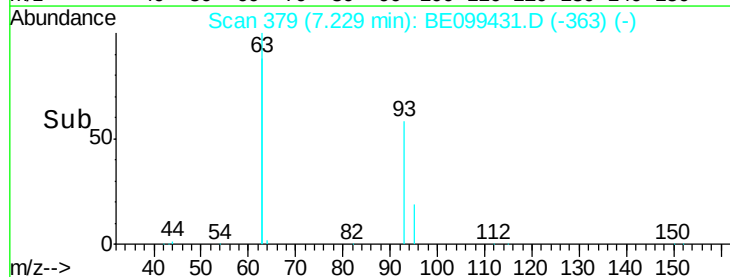
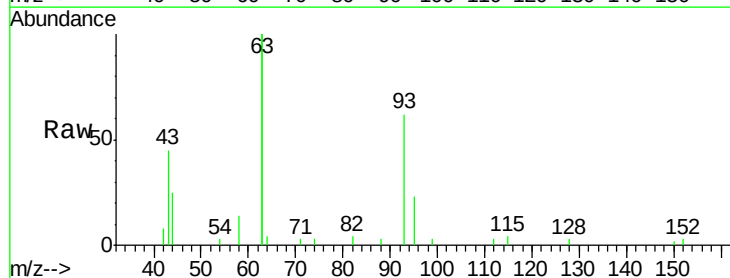
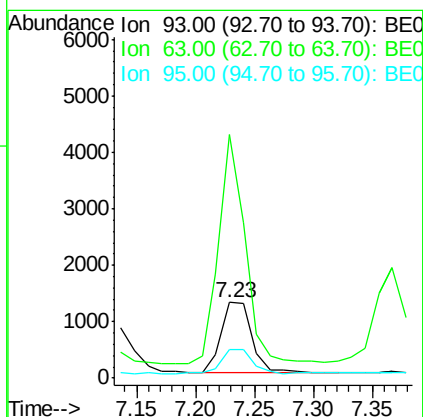
RT: 7.23 min Scan# 379

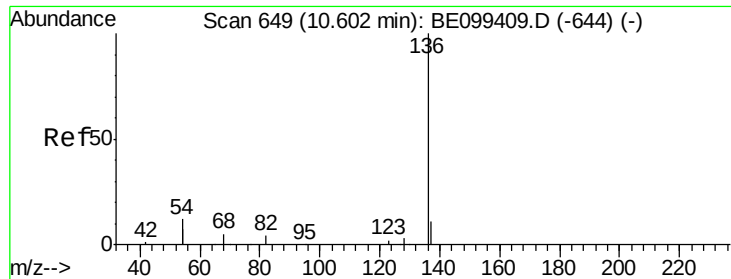
Delta R.T. -0.01 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Tgt Ion:	93	Resp:	2313
Ion	Ratio	Lower	Upper
93	100		
63	274.9	215.6	323.4
95	33.8	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: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

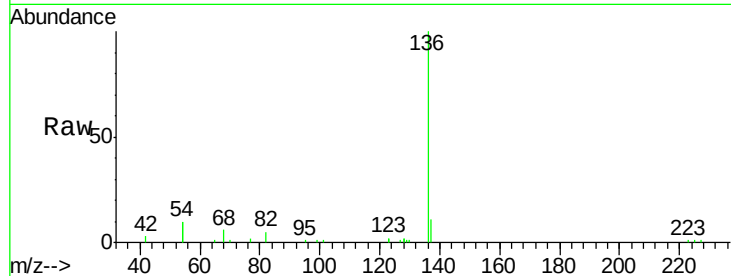
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	136	Resp:	9104
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.8
54	20.1	18.5	27.7
68	5.8	4.7	7.1

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM

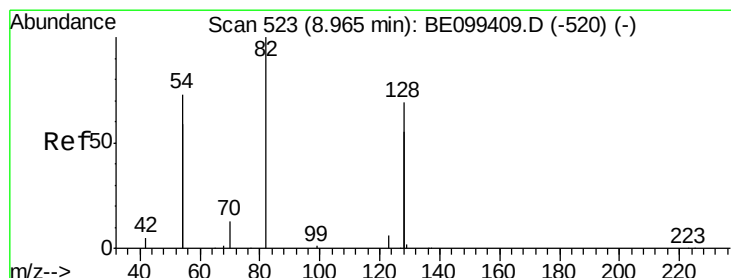
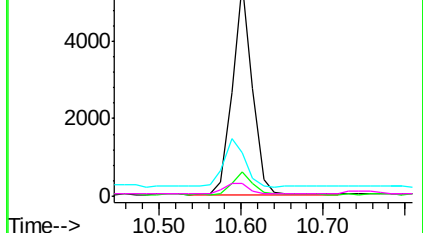
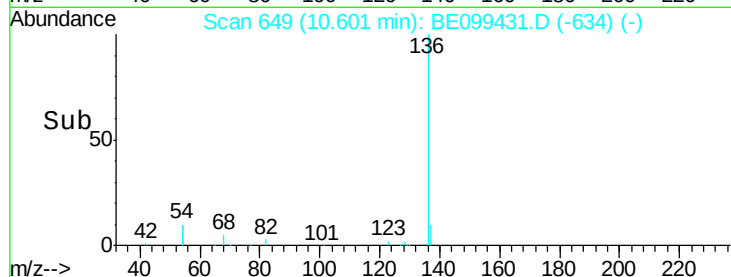


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.286 ng

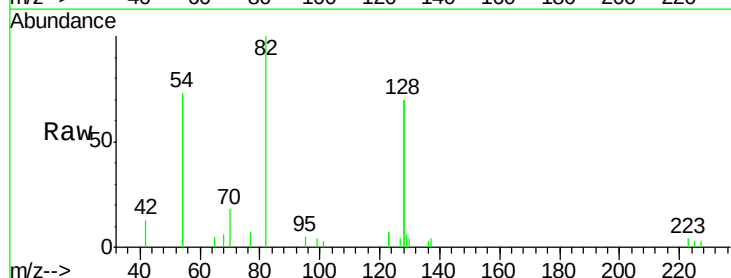
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

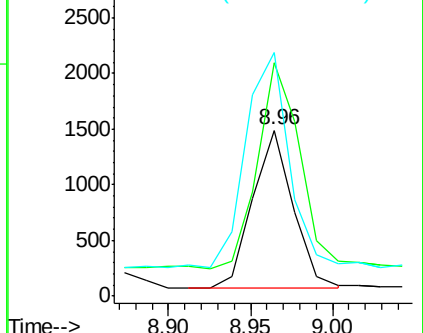
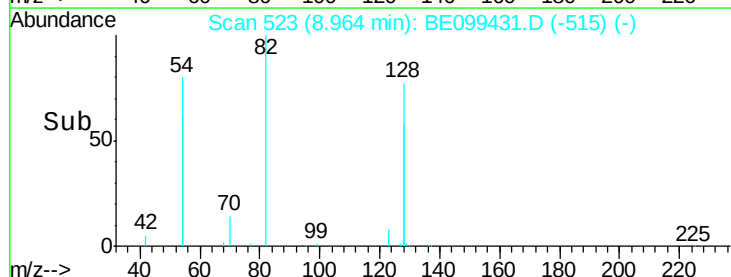
Tgt Ion:	82	Resp:	2444
Ion Ratio	Lower	Upper	
82	100		
128	140.4	107.0	160.4
54	146.7	113.1	169.7

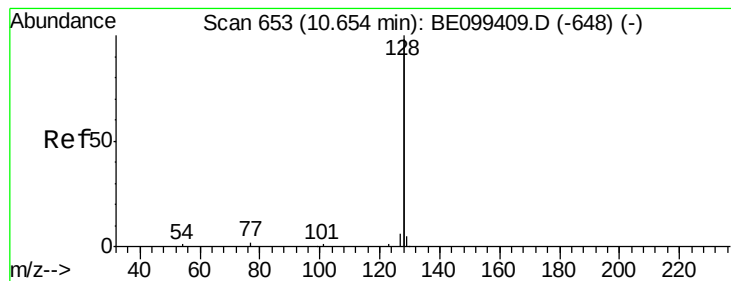


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.296 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

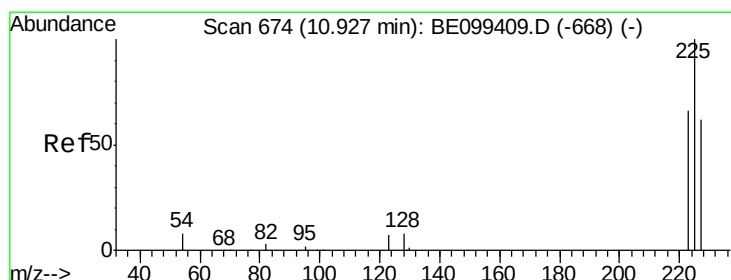
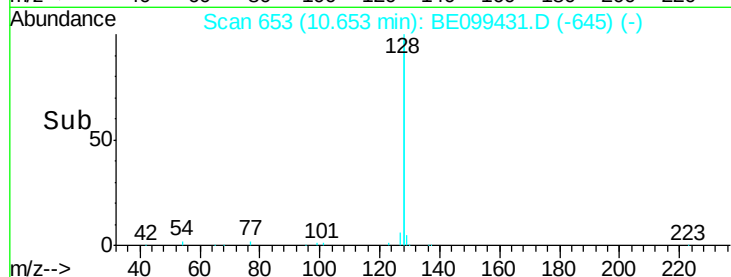
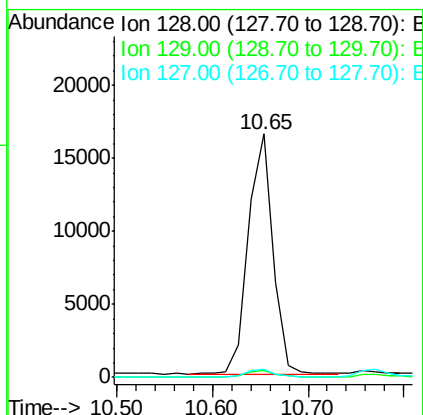
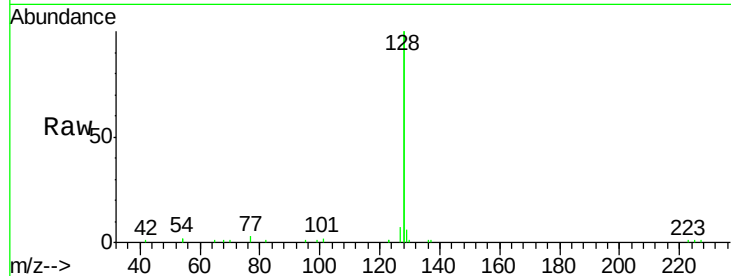
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	128	Resp:	29359
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.4	3.6
127	3.5	2.8	4.2

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



#10

Hexachlorobutadiene

Concen: 0.258 ng

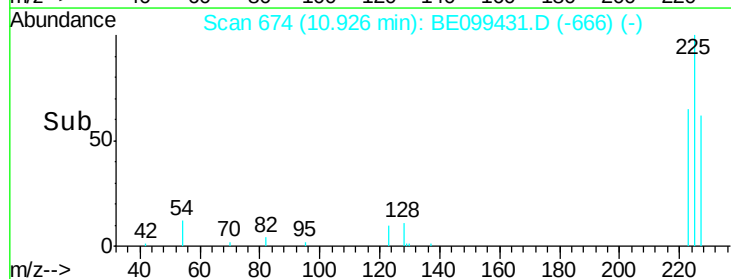
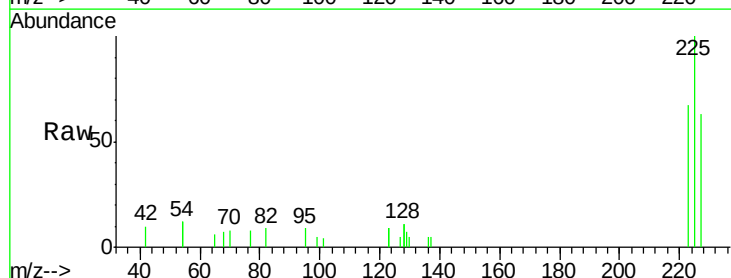
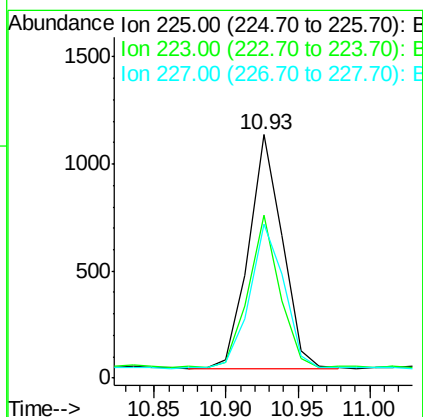
RT: 10.93 min Scan# 674

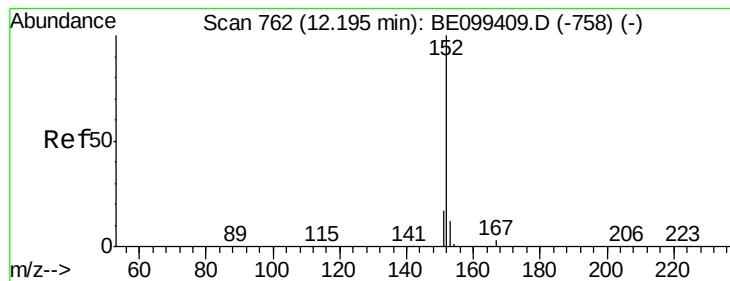
Delta R.T. -0.00 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Tgt Ion:	225	Resp:	1782
Ion Ratio	Lower	Upper	
225	100		
223	60.5	51.0	76.6
227	63.0	50.9	76.3





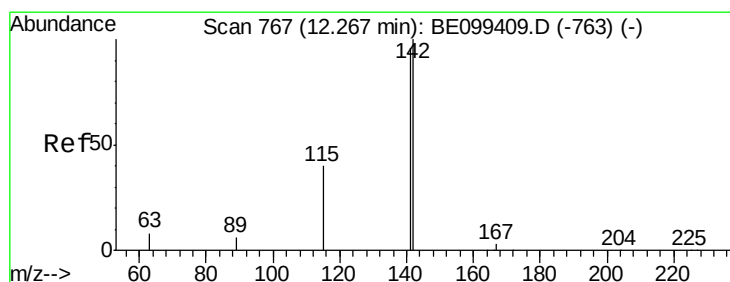
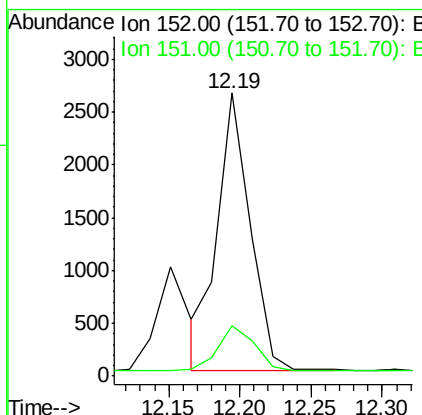
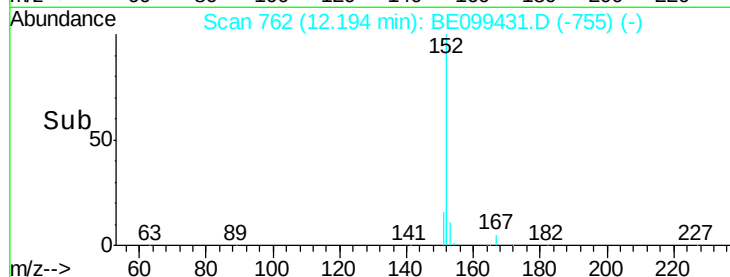
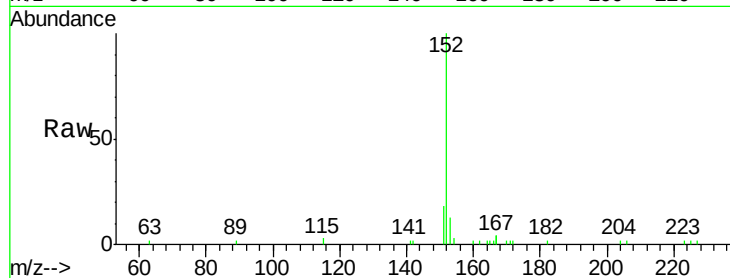
#11
2-Methylnaphthalene-d10
Concen: 0.256 ng m
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099431.D
Acq: 30 Apr 2019 18:00

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

Tgt Ion:152 Resp: 4201
Ion Ratio Lower Upper
152 100
151 18.8 15.5 23.3

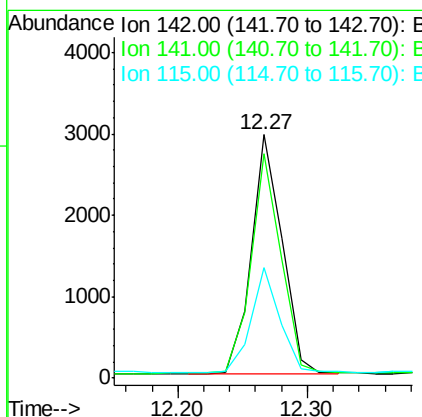
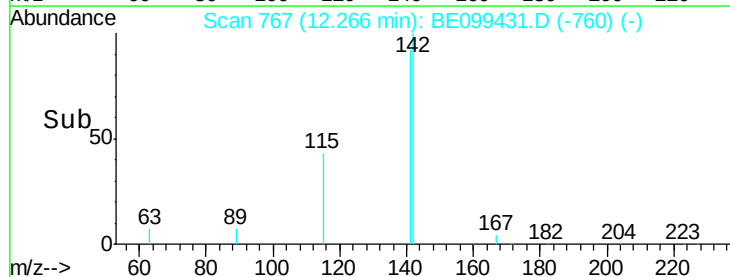
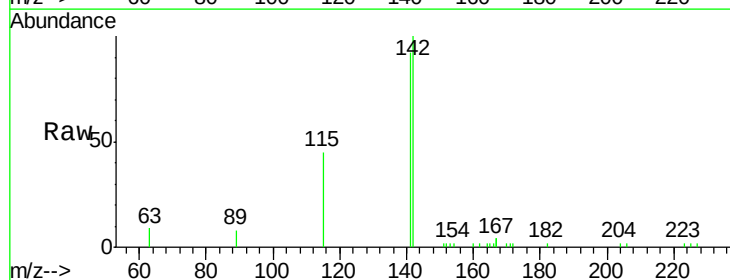
Manual Integrations
APPROVED

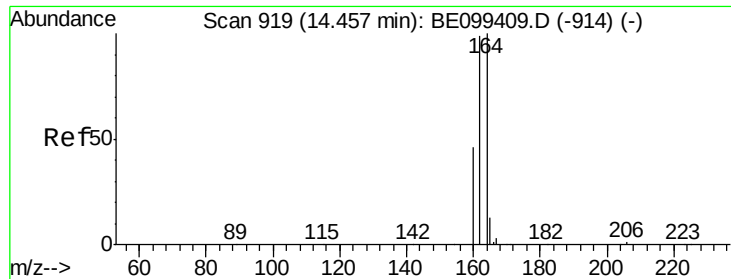
Sohil
5/1/2019 12:02:35 PM



#12
2-Methylnaphthalene
Concen: 0.278 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099431.D
Acq: 30 Apr 2019 18:00

Tgt Ion:142 Resp: 4791
Ion Ratio Lower Upper
142 100
141 92.0 77.0 115.4
115 45.3 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: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

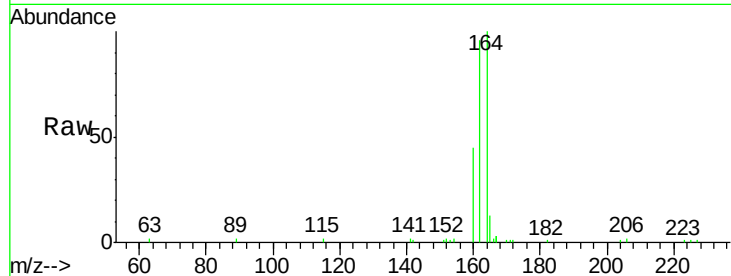
ClientSampleId :

PST-004-B162-042319MS

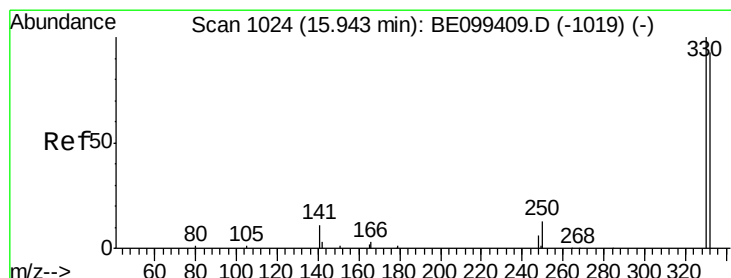
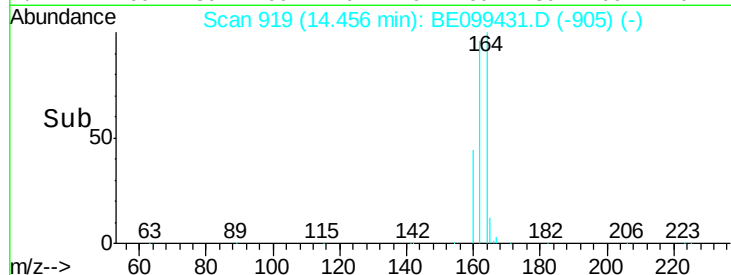
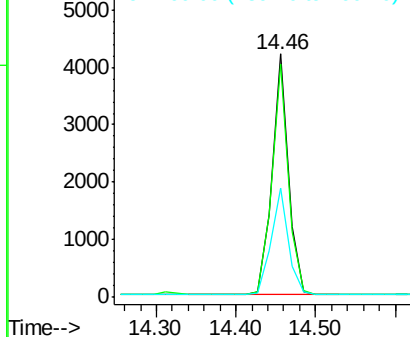
Tgt Ion:	164	Resp:	5959
Ion Ratio	Lower	Upper	
164	100		
162	95.7	79.0	118.4
160	44.7	37.0	55.4

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



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: 0.282 ng

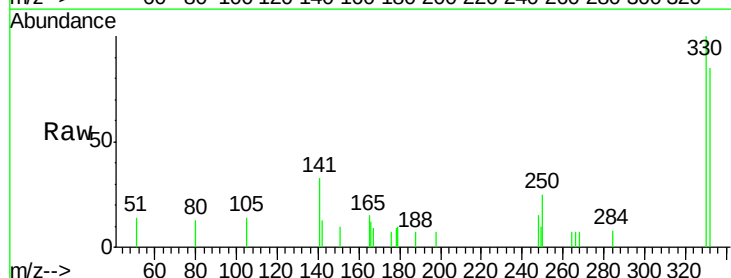
RT: 15.93 min Scan# 1023

Delta R.T. -0.01 min

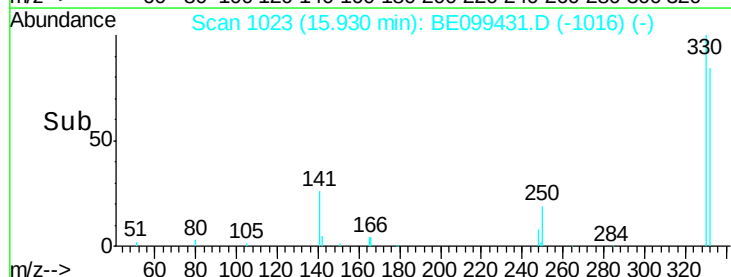
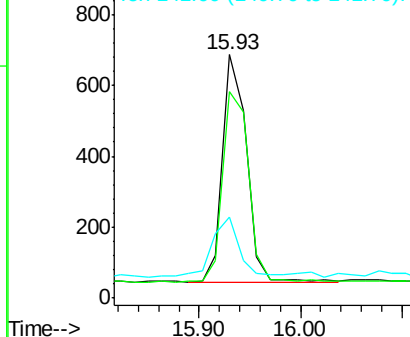
Lab File: BE099431.D

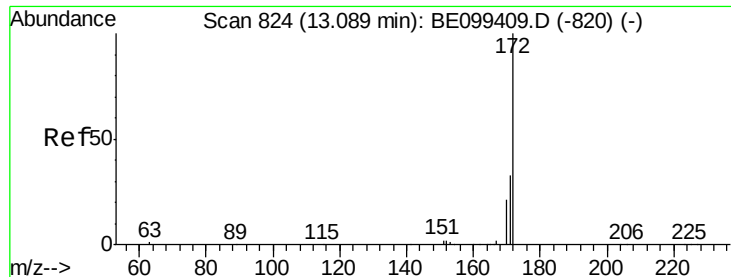
Acq: 30 Apr 2019 18:00

Tgt Ion:	330	Resp:	1057
Ion Ratio	Lower	Upper	
330	100		
332	89.1	71.5	107.3
141	28.2	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





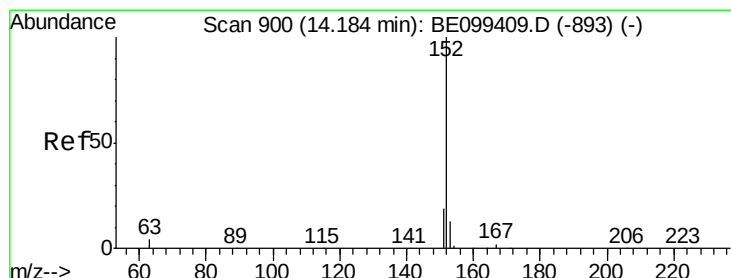
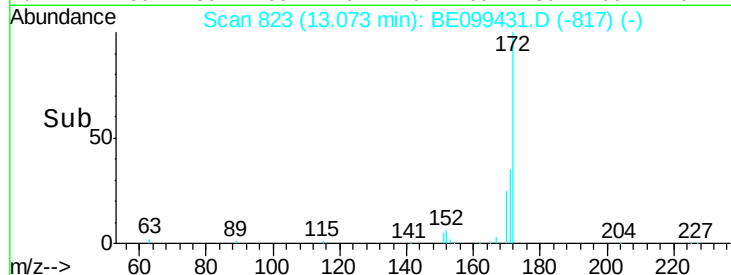
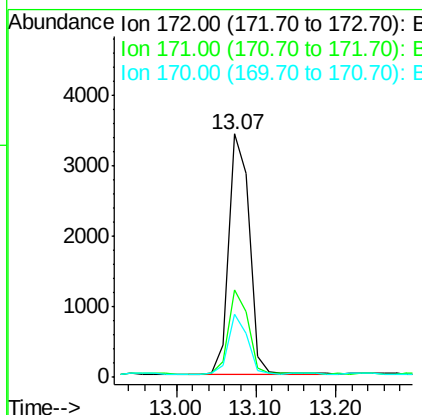
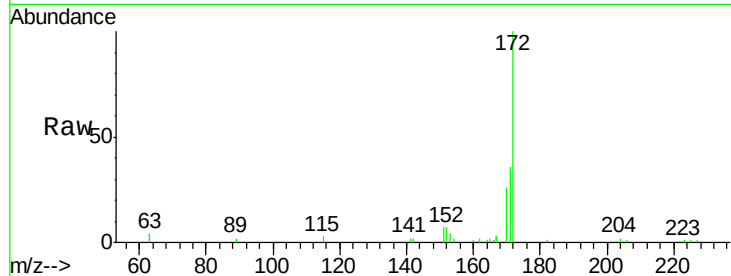
#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099431.D
Acq: 30 Apr 2019 18:00

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.6	39.8
170	25.7	17.0	25.6

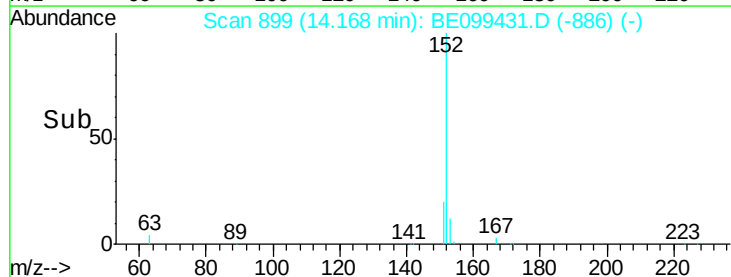
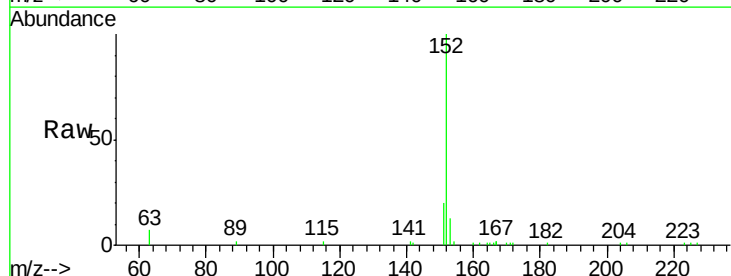
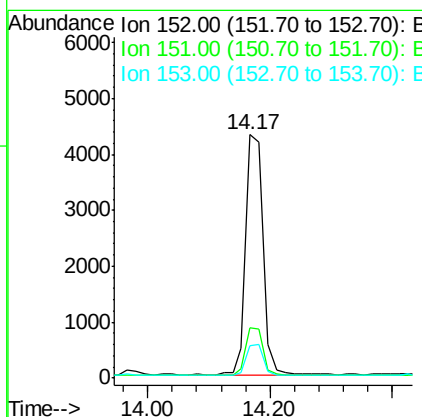
Manual Integrations
APPROVED

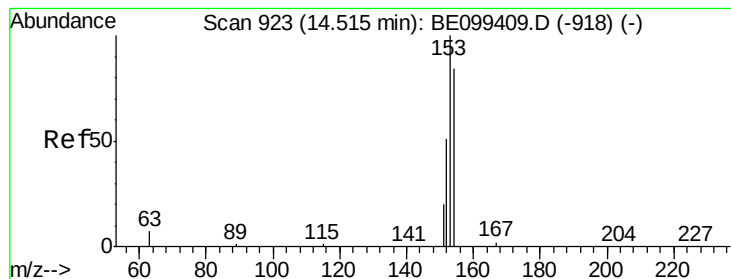
Sohil
5/1/2019 12:02:35 PM



#16
Acenaphthylene
Concen: 0.290 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.02 min
Lab File: BE099431.D
Acq: 30 Apr 2019 18:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.8	9.8	14.6





#17

Acenaphthene

Concen: 0.296 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099431.D

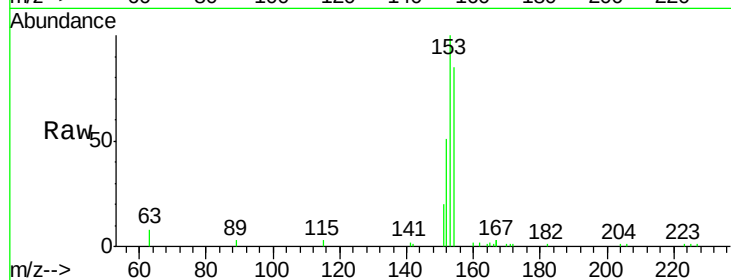
Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MS



Tgt Ion:154 Resp: 4926

Ion Ratio Lower Upper

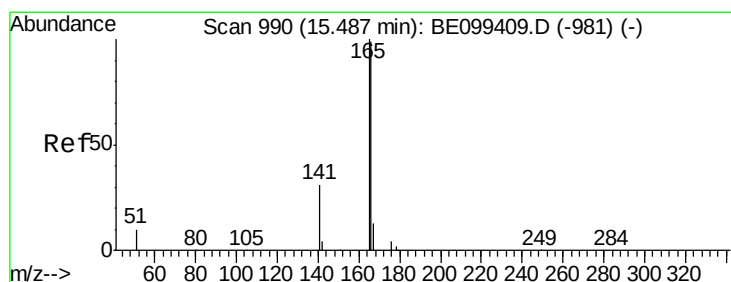
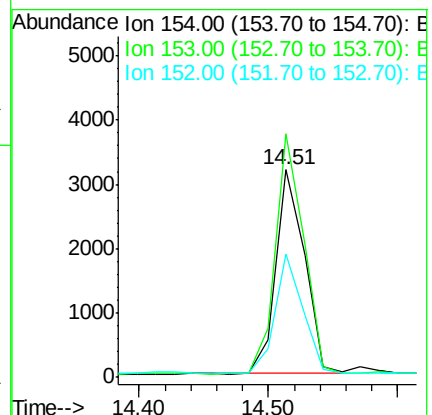
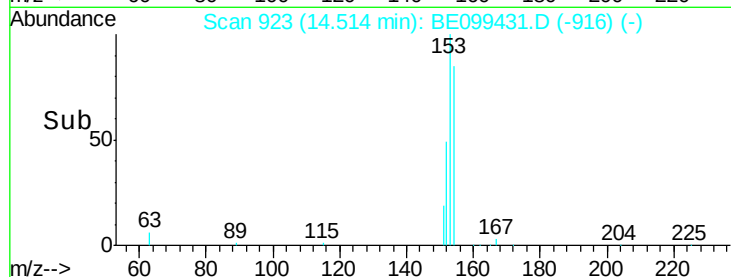
154 100

153 116.0 92.6 138.8

152 56.4 45.8 68.8

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



#18

Fluorene

Concen: 0.294 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

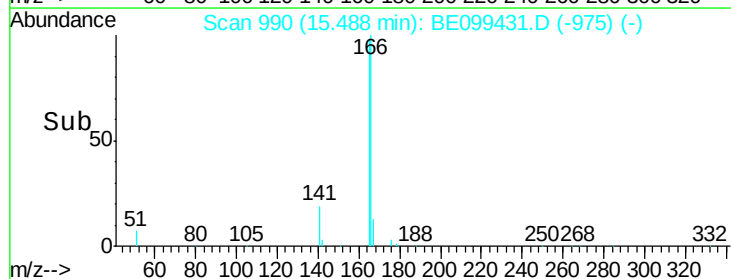
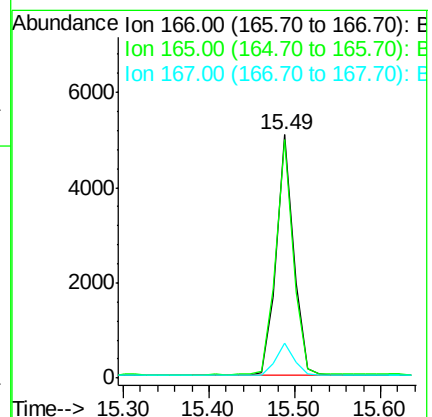
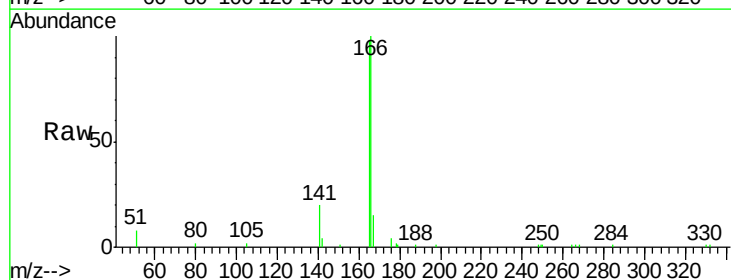
Tgt Ion:166 Resp: 7214

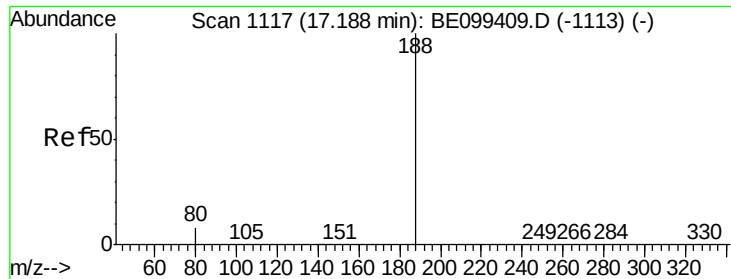
Ion Ratio Lower Upper

166 100

165 98.0 80.3 120.5

167 14.1 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: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

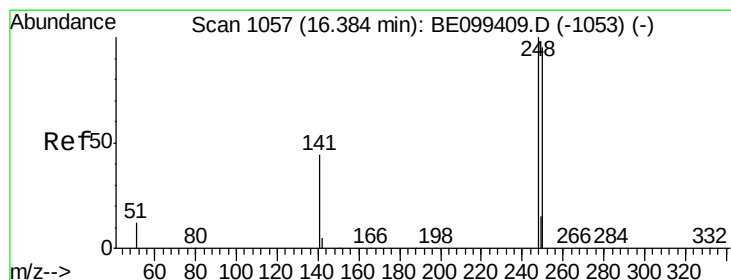
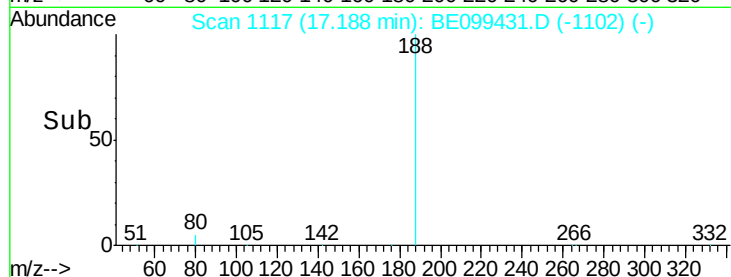
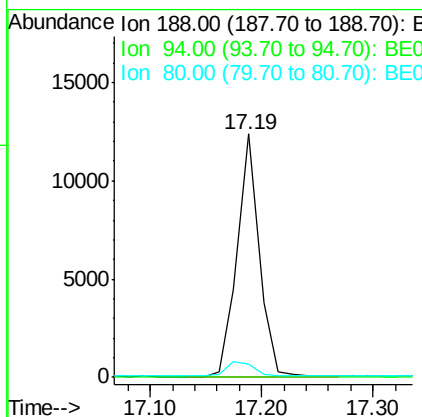
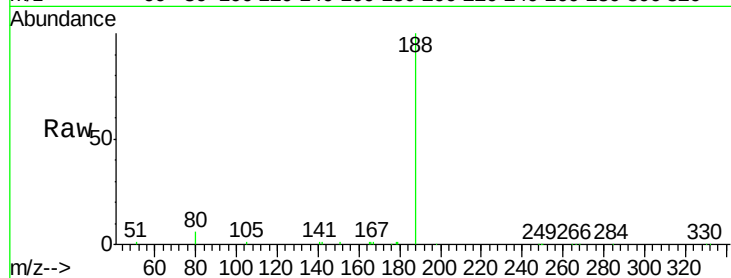
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	188	Resp:	16999
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.7	6.7	10.1#

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



#20

4-Bromophenyl-phenylether

Concen: 0.278 ng

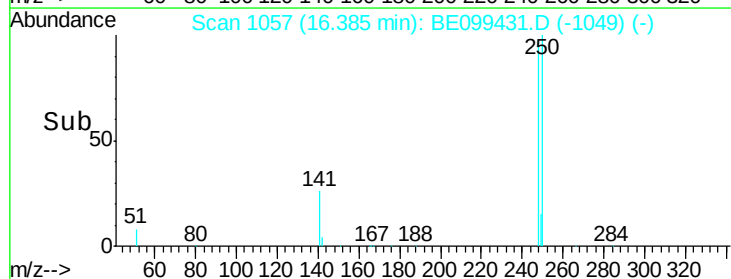
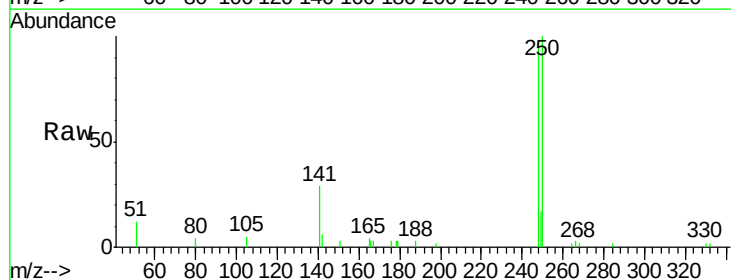
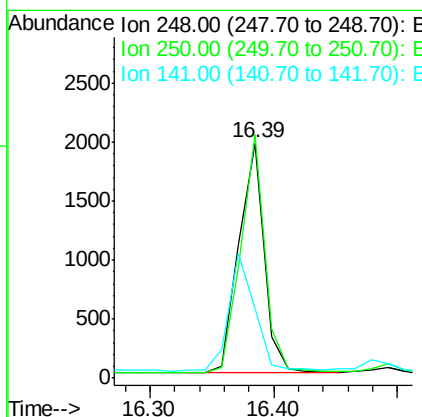
RT: 16.39 min Scan# 1057

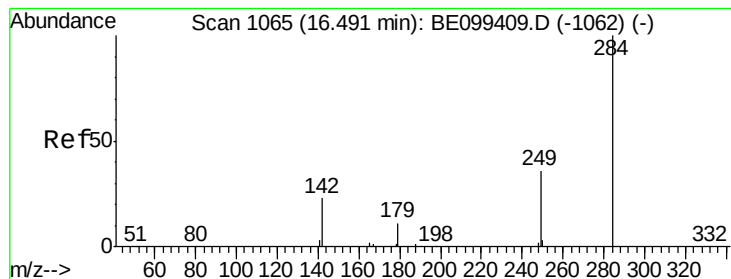
Delta R.T. 0.00 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Tgt Ion:	248	Resp:	2753
Ion Ratio	Lower	Upper	
248	100		
250	103.5	75.8	113.8
141	29.7	35.7	53.5#





#21

Hexachlorobenzene

Concen: 0.279 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

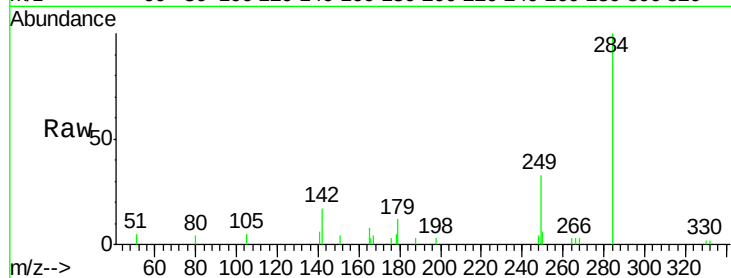
ClientSampleId :

PST-004-B162-042319MS

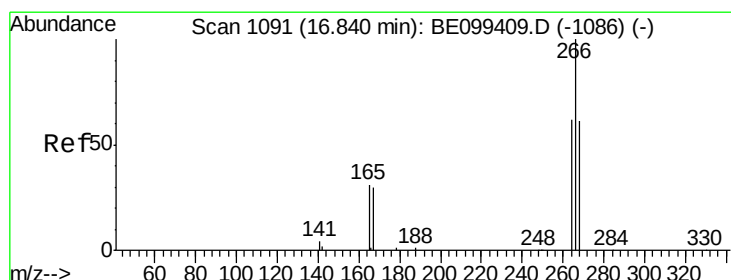
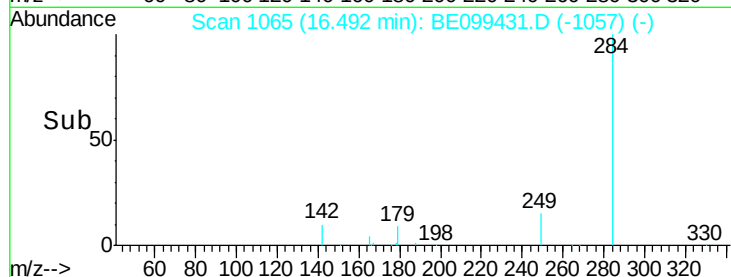
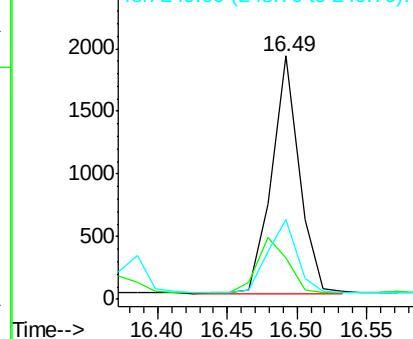
Tgt Ion:	284	Resp:	2636
Ion Ratio	Lower	Upper	
284	100		
142	25.0	21.0	31.6
249	31.9	26.7	40.1

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.482 ng

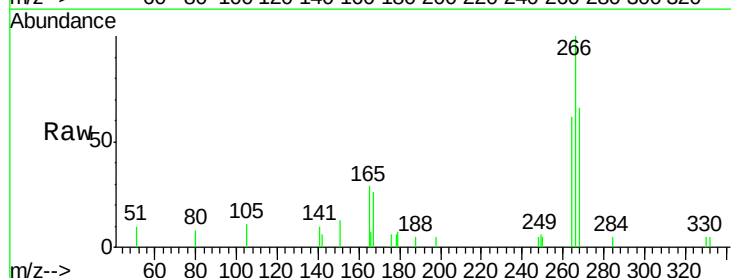
RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

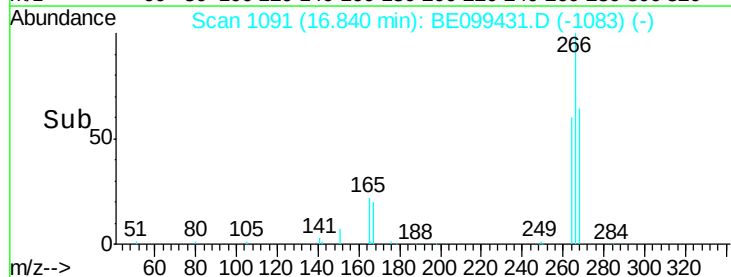
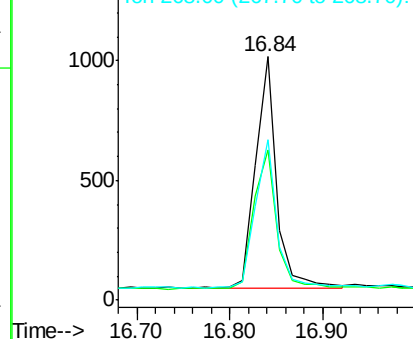
Lab File: BE099431.D

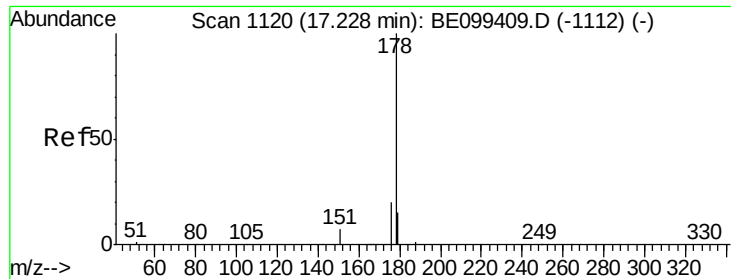
Acq: 30 Apr 2019 18:00

Tgt Ion:	266	Resp:	1511
Ion Ratio	Lower	Upper	
266	100		
264	61.8	50.8	76.2
268	66.0	50.5	75.7



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





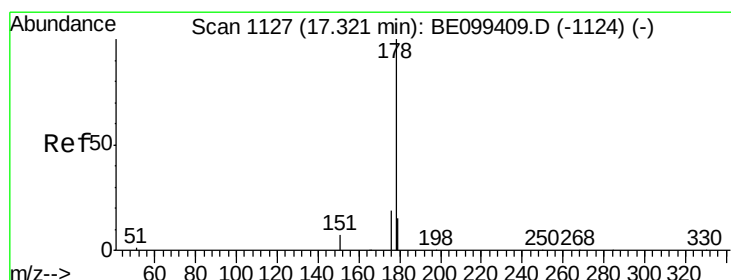
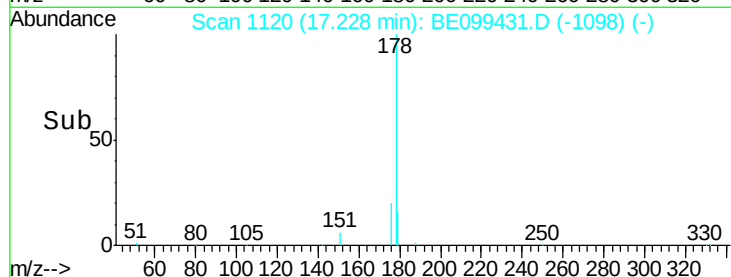
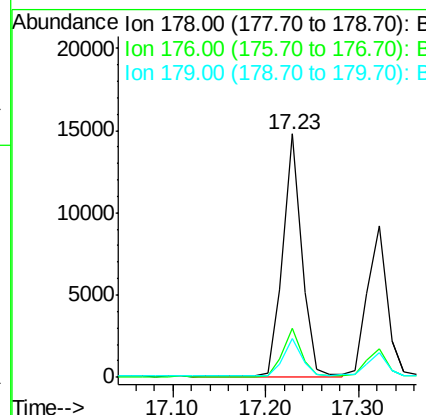
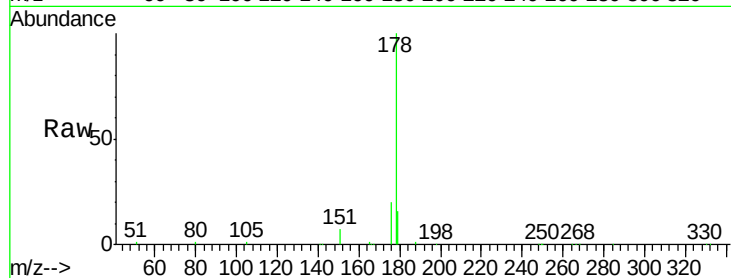
#23
 Phenanthrene
 Concen: 0.477 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099431.D
 Acq: 30 Apr 2019 18:00

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.6	12.0	18.0

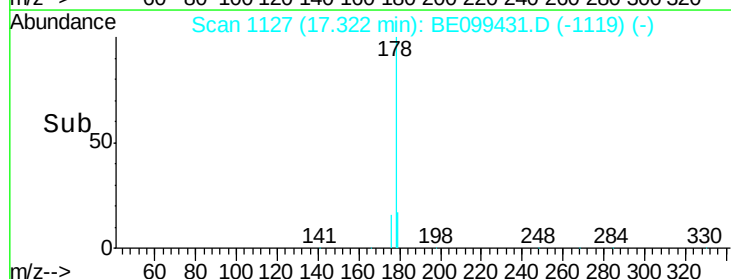
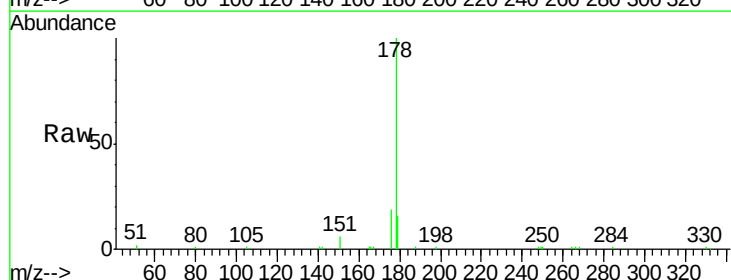
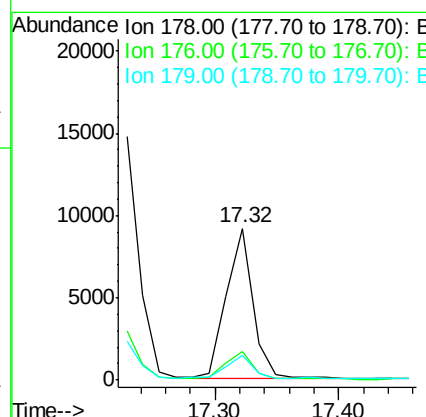
Manual Integrations
 APPROVED

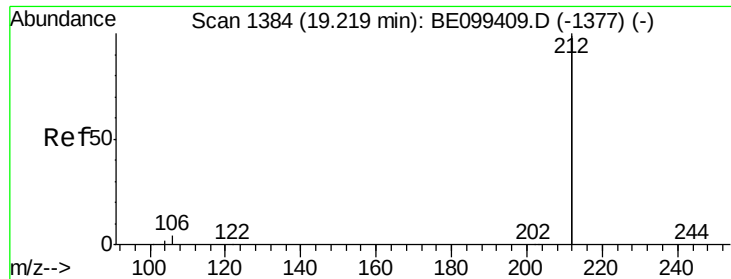
Sohil
 5/1/2019 12:02:35 PM



#24
 Anthracene
 Concen: 0.324 ng
 RT: 17.32 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BE099431.D
 Acq: 30 Apr 2019 18:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.244 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

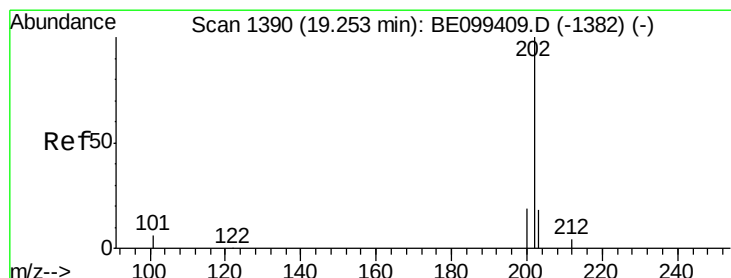
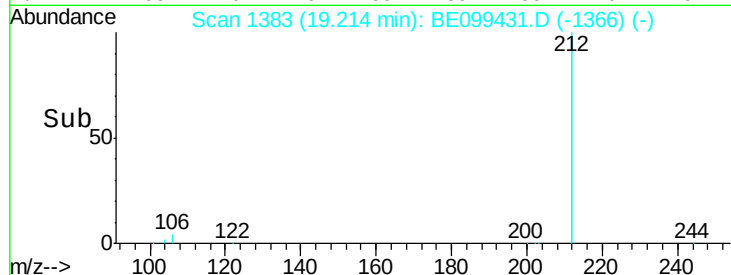
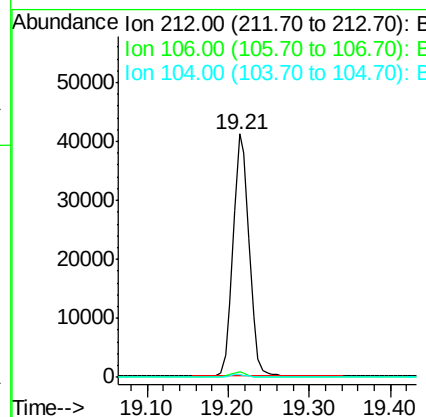
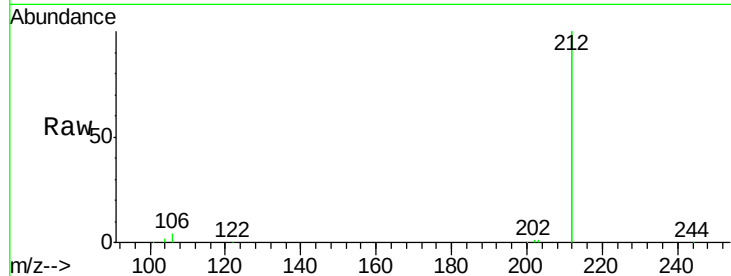
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	212	Resp:	55943
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



#26

Fluoranthene

Concen: 0.483 ng

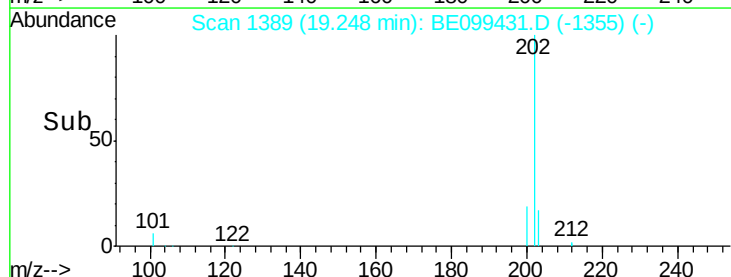
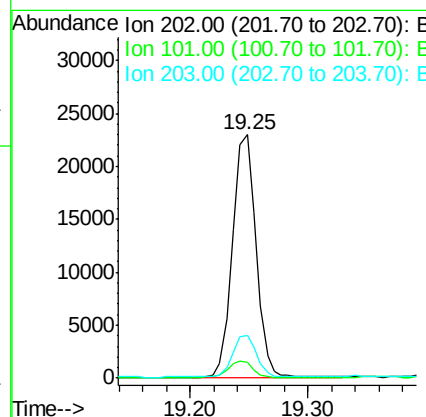
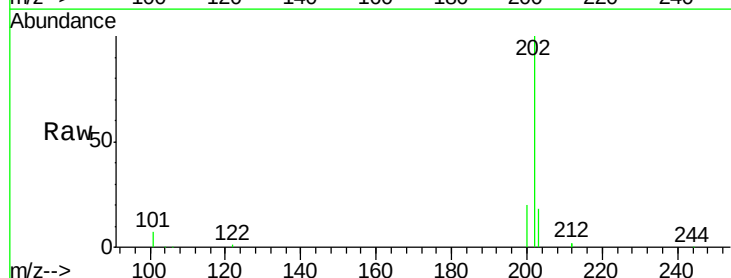
RT: 19.25 min Scan# 1389

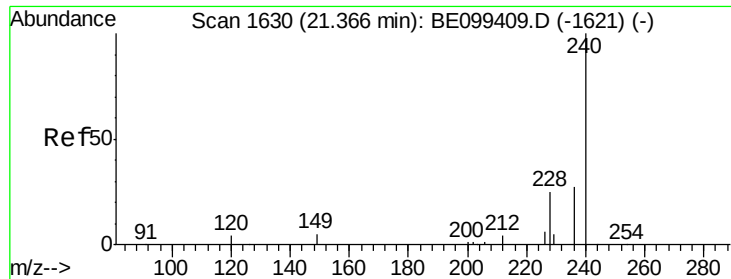
Delta R.T. -0.01 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Tgt Ion:	202	Resp:	31711
Ion Ratio	Lower	Upper	
202	100		
101	7.0	5.4	8.0
203	17.1	13.9	20.9





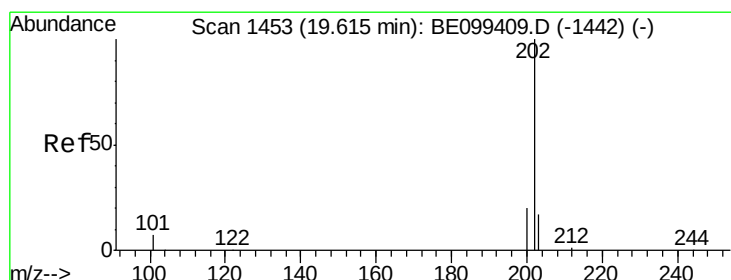
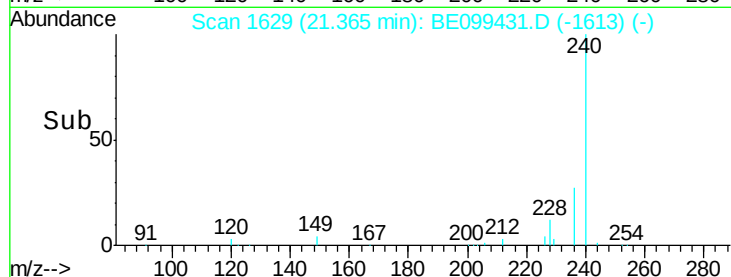
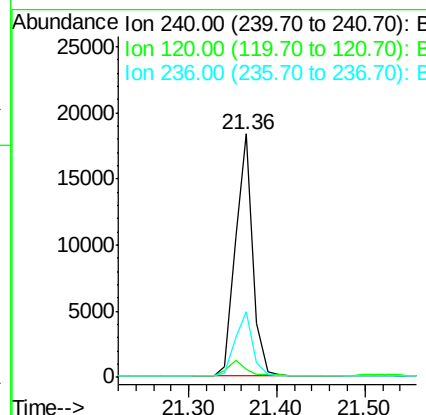
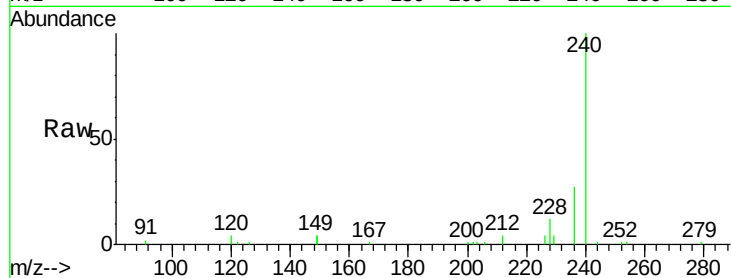
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.36 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099431.D
Acq: 30 Apr 2019 18:00

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

Tgt Ion: 240 Resp: 25125
Ion Ratio Lower Upper
240 100
120 3.5 4.0 6.0#
236 27.2 22.0 33.0

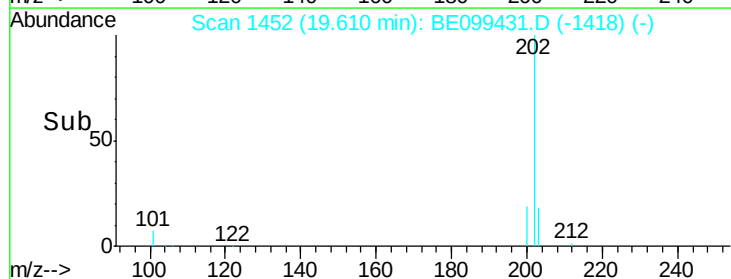
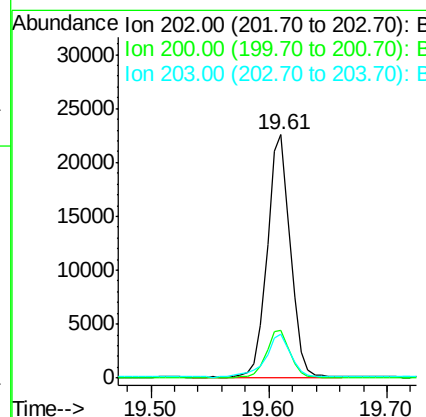
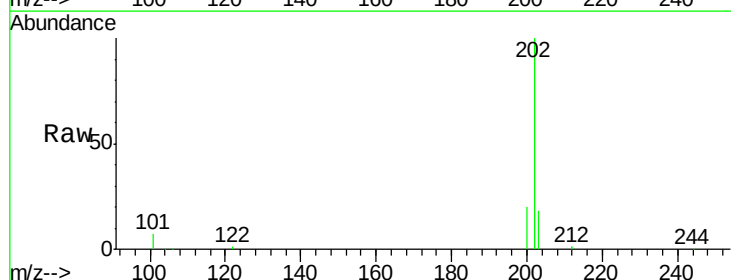
Manual Integrations
APPROVED

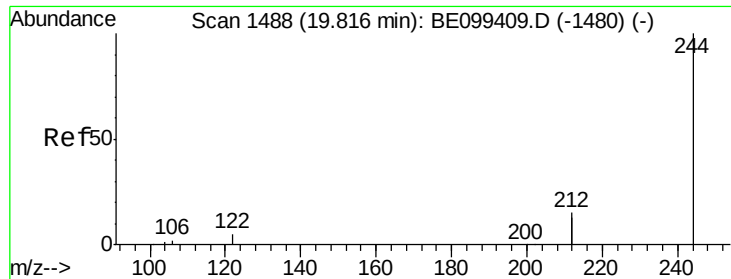
Sohil
5/1/2019 12:02:35 PM



#28
Pyrene
Concen: 0.469 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099431.D
Acq: 30 Apr 2019 18:00

Tgt Ion: 202 Resp: 30736
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 19.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.243 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

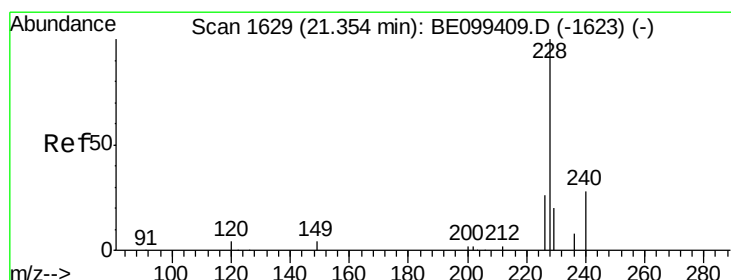
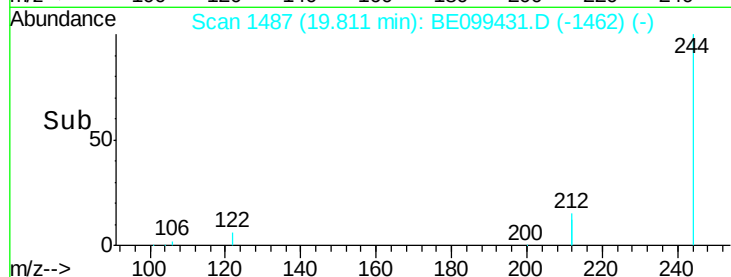
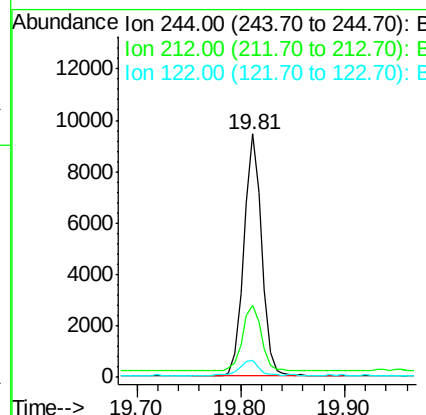
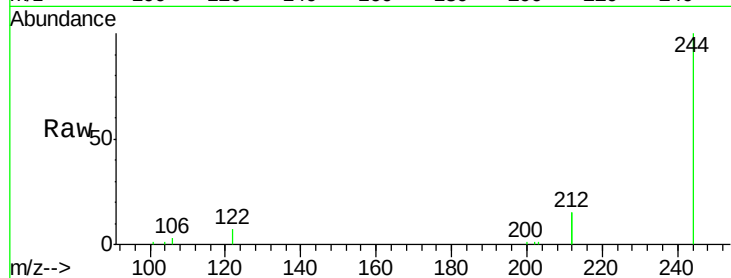
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	29.8	23.2	34.8
122	7.3	4.2	6.4

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



#30

Benzo(a)anthracene

Concen: 0.413 ng

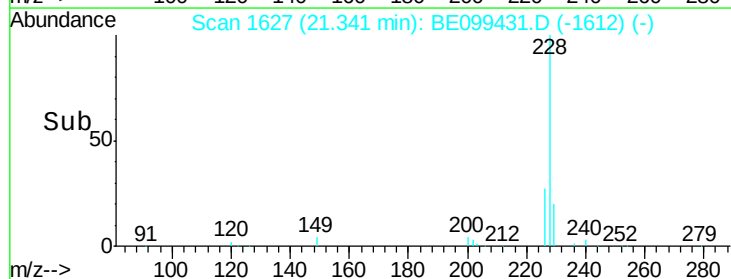
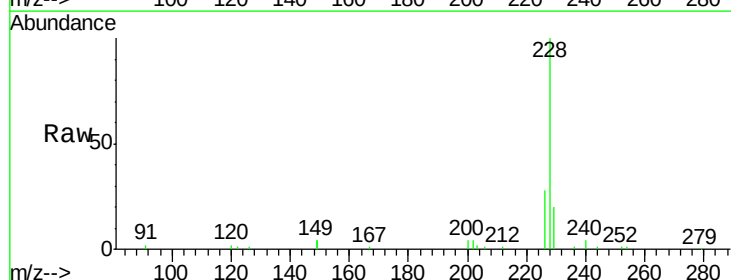
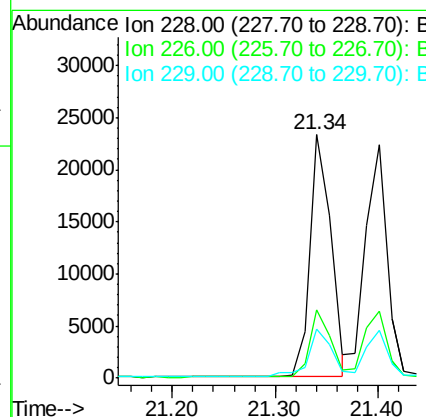
RT: 21.34 min Scan# 1627

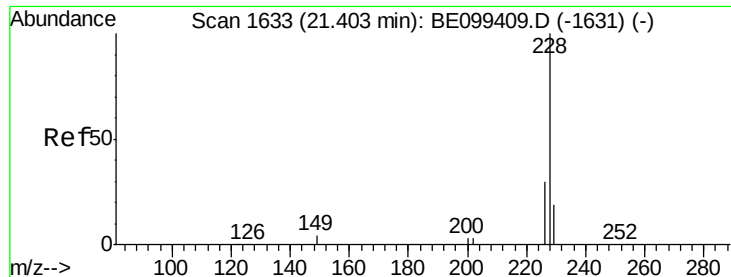
Delta R.T. -0.01 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.0	31.6
229	20.1	16.6	25.0





#31

Chrysene

Concen: 0.419 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

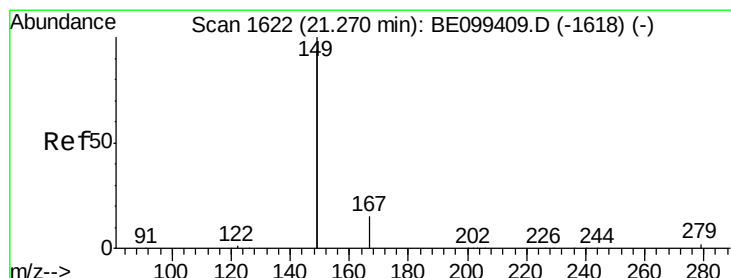
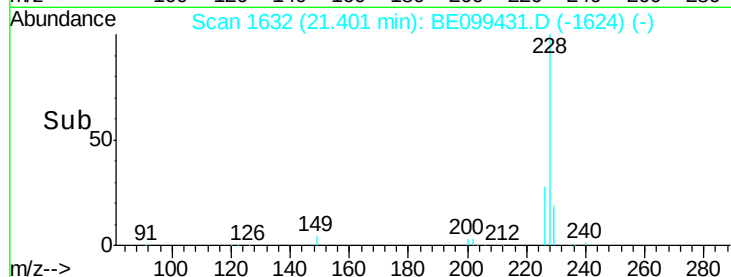
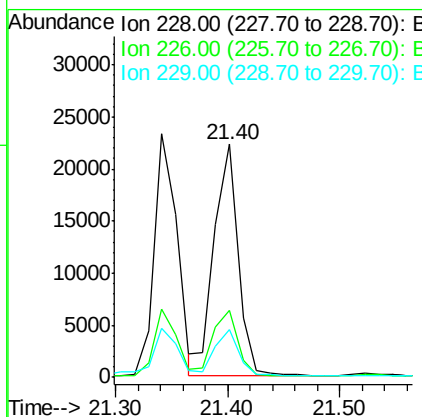
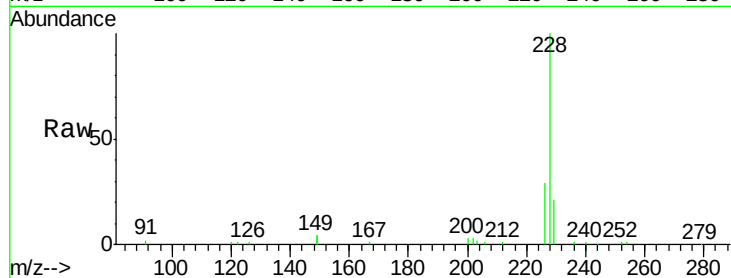
ClientSampleId :

PST-004-B162-042319MS

Tgt Ion:	228	Resp:	32823
Ion Ratio	Lower	Upper	
228	100		
226	28.7	24.0	36.0
229	20.6	15.8	23.8

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.257 ng

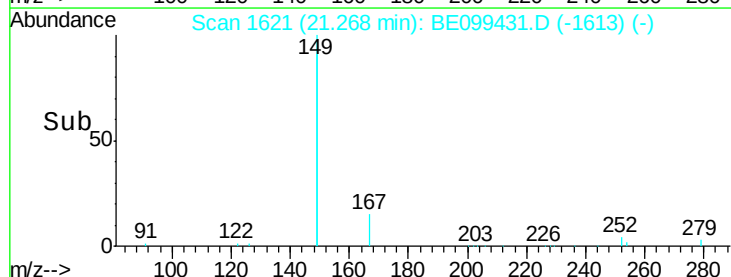
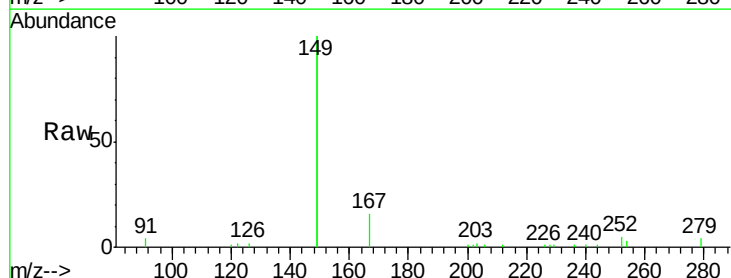
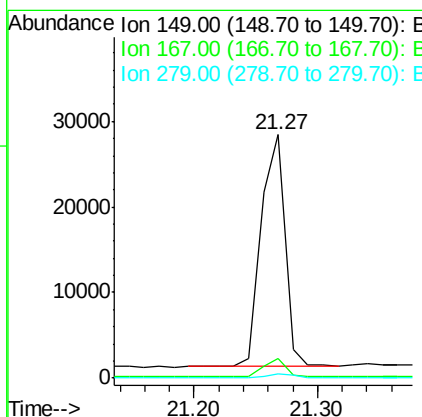
RT: 21.27 min Scan# 1621

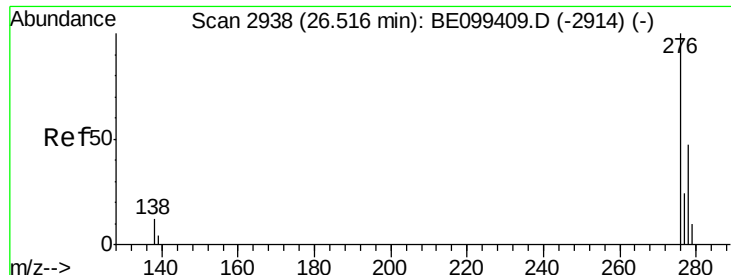
Delta R.T. -0.00 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

Tgt Ion:	149	Resp:	37122
Ion Ratio	Lower	Upper	
149	100		
167	7.7	5.8	8.6
279	1.6	1.0	1.6#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.402 ng

RT: 26.50 min Scan# 2932

Delta R.T. -0.02 min

Lab File: BE099431.D

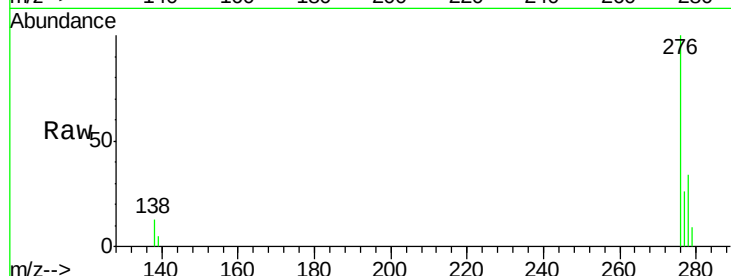
Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MS



Tgt Ion: 276 Resp: 37208

Ion Ratio Lower Upper

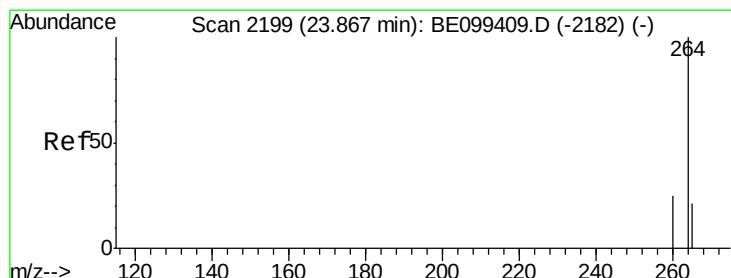
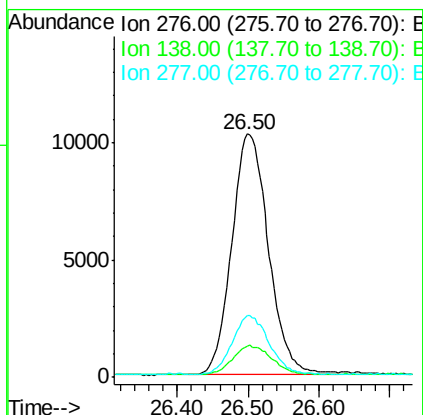
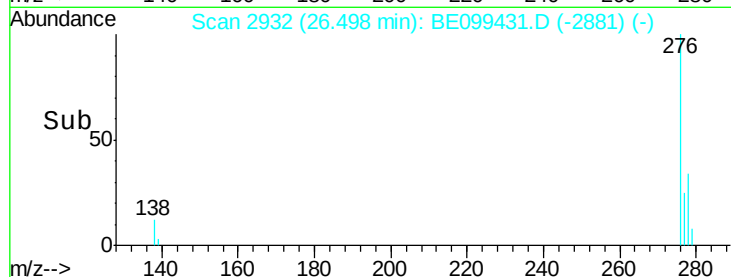
276 100

138 12.7 10.2 15.2

277 24.3 19.2 28.8

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BE099431.D

Acq: 30 Apr 2019 18:00

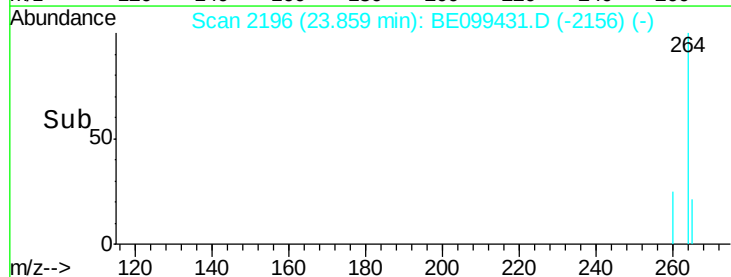
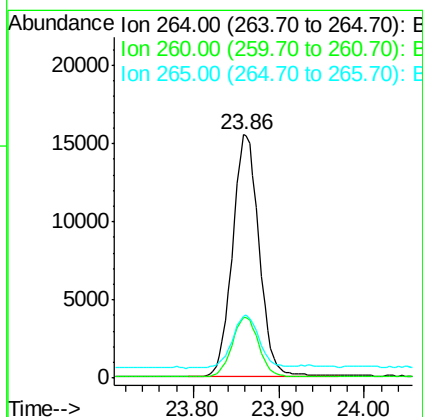
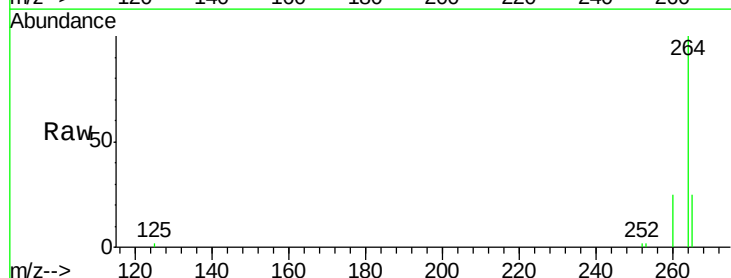
Tgt Ion: 264 Resp: 33626

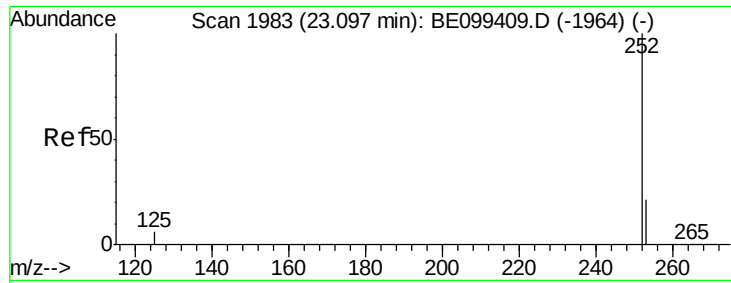
Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 25.4 21.3 31.9





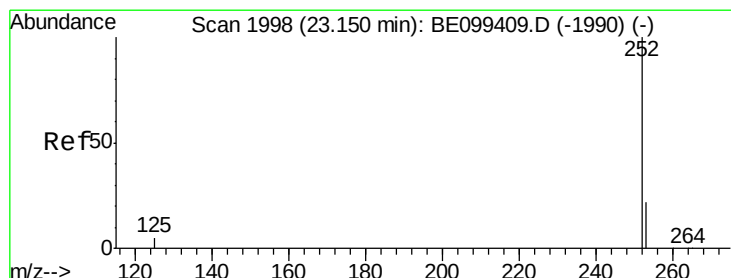
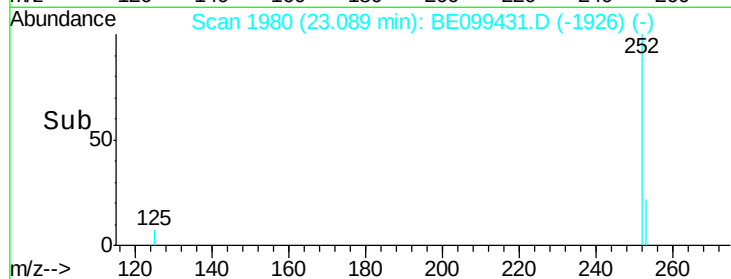
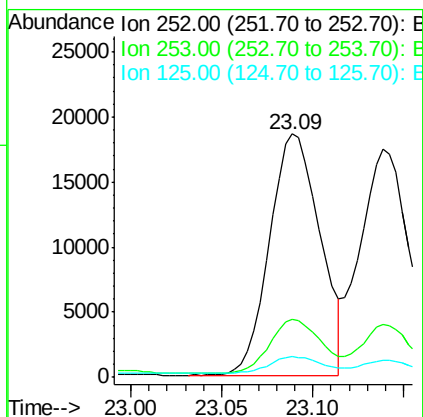
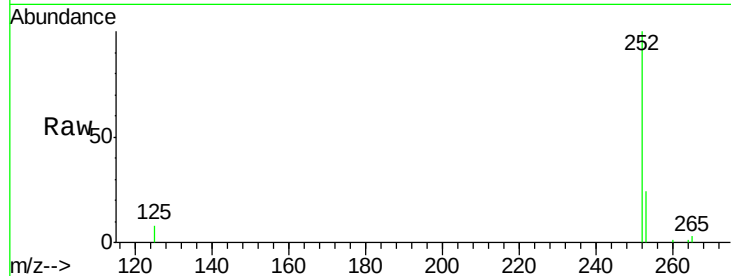
#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BE099431.D
Acq: 30 Apr 2019 18:00

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	8.4	5.6	8.4

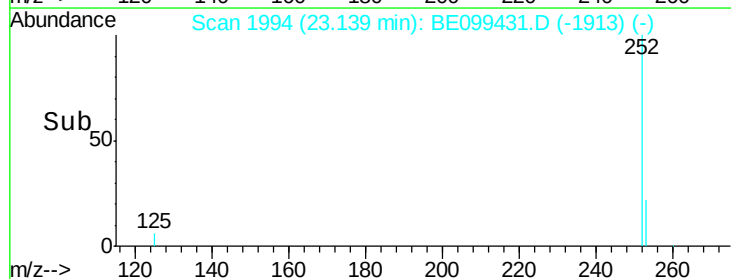
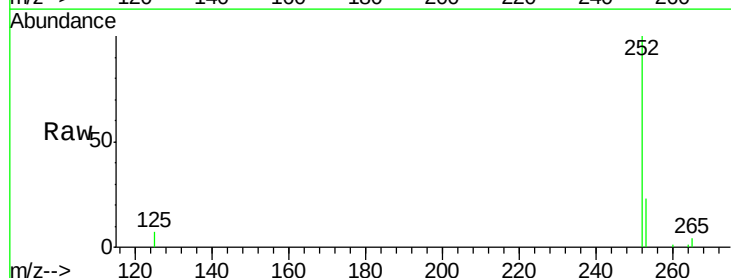
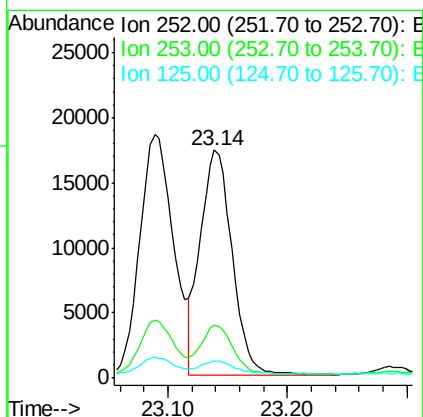
Manual Integrations
APPROVED

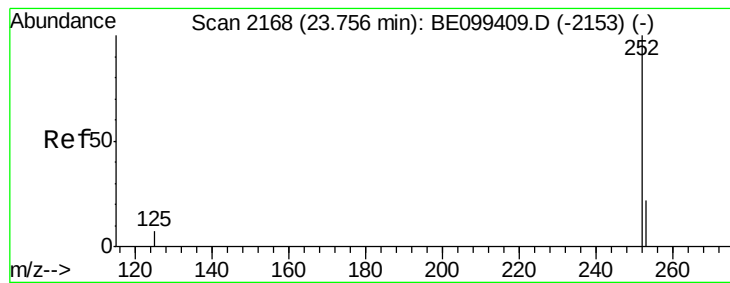
Sohil
5/1/2019 12:02:35 PM



#36
Benzo(k)fluoranthene
Concen: 0.344 ng
RT: 23.14 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BE099431.D
Acq: 30 Apr 2019 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	7.3	5.0	7.4





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.75 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE099431.D

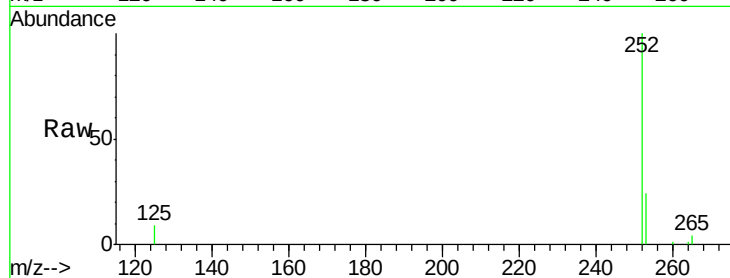
Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

ClientSampleId :

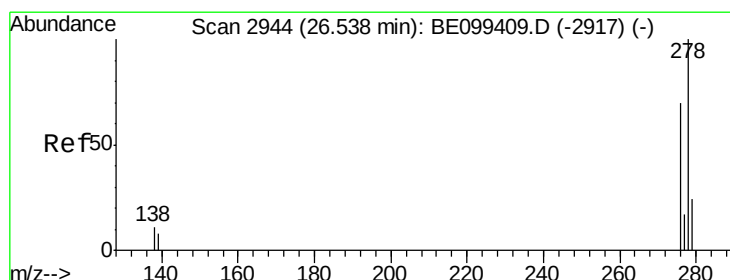
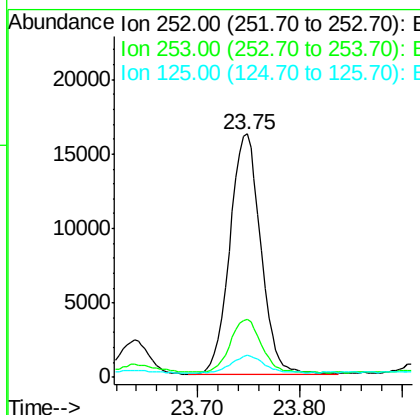
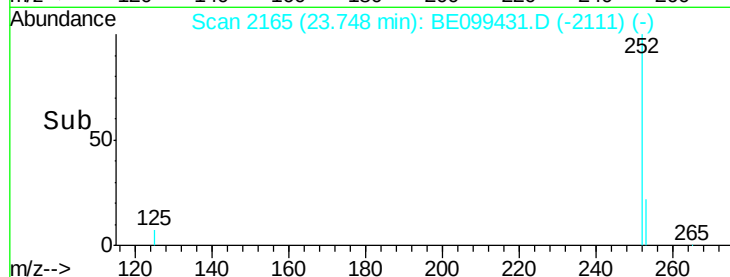
PST-004-B162-042319MS



Tgt Ion:	252	Resp:	34131
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.9	28.3
125	9.1	6.7	10.1

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM



#38

Dibenzo(a,h)anthracene

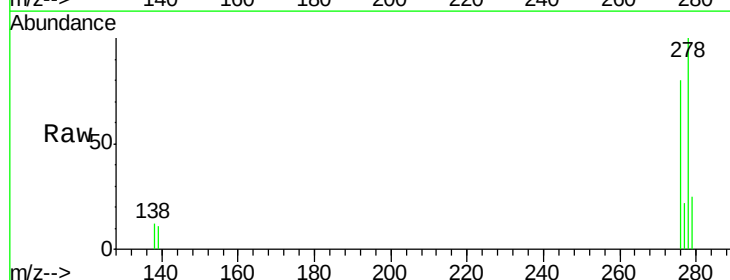
Concen: 0.301 ng

RT: 26.52 min Scan# 2939

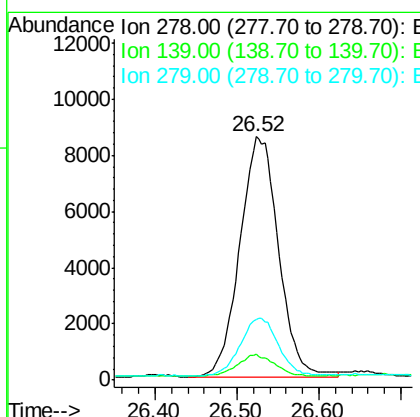
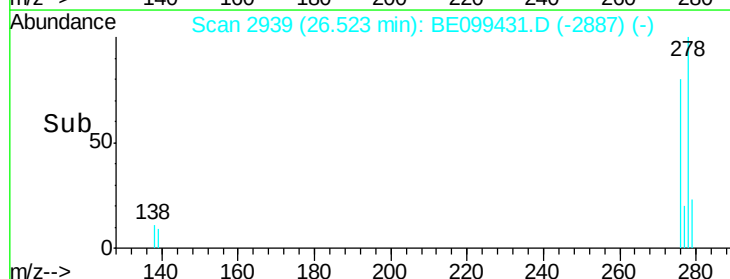
Delta R.T. -0.01 min

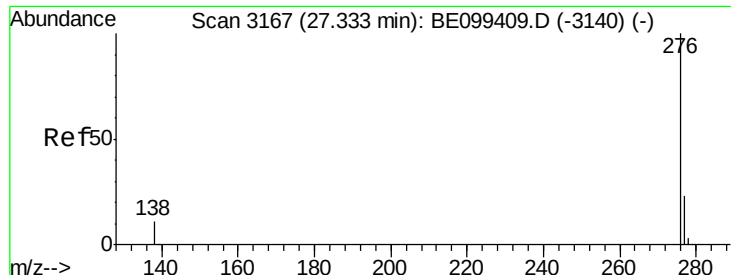
Lab File: BE099431.D

Acq: 30 Apr 2019 18:00



Tgt Ion:	278	Resp:	28227
Ion Ratio	Lower	Upper	
278	100		
139	10.5	7.7	11.5
279	24.7	20.2	30.2





#39

Benzo(g,h,i)perylene

Concen: 0.343 ng

RT: 27.32 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BE099431.D

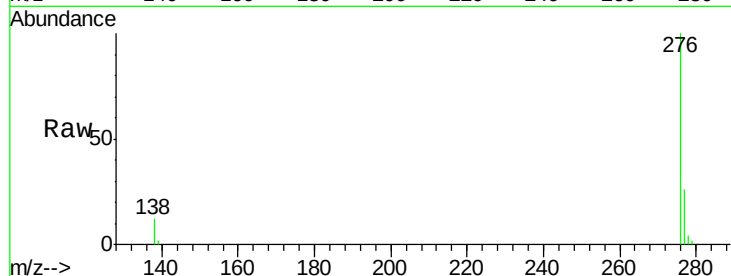
Acq: 30 Apr 2019 18:00

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MS



Tgt Ion:	276	Resp:	32268
Ion Ratio	Lower	Upper	
276	100		
277	25.7	19.5	29.3
138	11.7	9.6	14.4

Manual Integrations
APPROVED

Sohil
5/1/2019 12:02:35 PM

