

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
 Data File : BE094193.D
 Acq On : 6 Oct 2017 23:43
 Operator : SJ/JU
 Sample : I5571-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-D

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:49:03 PM

Quant Time: Oct 07 02:05:25 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1508	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7394	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4355	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11254	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10545	0.40	ng	0.00
34) Perylene-d12	23.90	264	9943	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	283054	56.33	ng	0.00
5) Phenol-d6	7.07	99	296242	40.66	ng	-0.01
8) Nitrobenzene-d5	9.04	82	578751	94.01	ng	-0.02
11) 2-Methylnaphthalene-d10	12.29	152	6	0.00	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	232539	122.83	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	1149382	77.04	ng	0.00
25) Fluoranthene-d10	19.26	212	62	0.00	ng	0.00
29) Terphenyl-d14	19.85	244	1557730	78.23	ng	0.00
Target Compounds						
23) Phenanthrene	17.27	178	1279m	0.033	ng	Qvalue
26) Fluoranthene	19.29	202	1295	0.038	ng	# 86
28) Pyrene	19.65	202	2368	0.065	ng	# 94
30) Benzo(a)anthracene	21.38	228	959	0.028	ng	# 69
31) Chrysene	21.44	228	1138	0.033	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.28	149	44219	0.554	ng	100

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

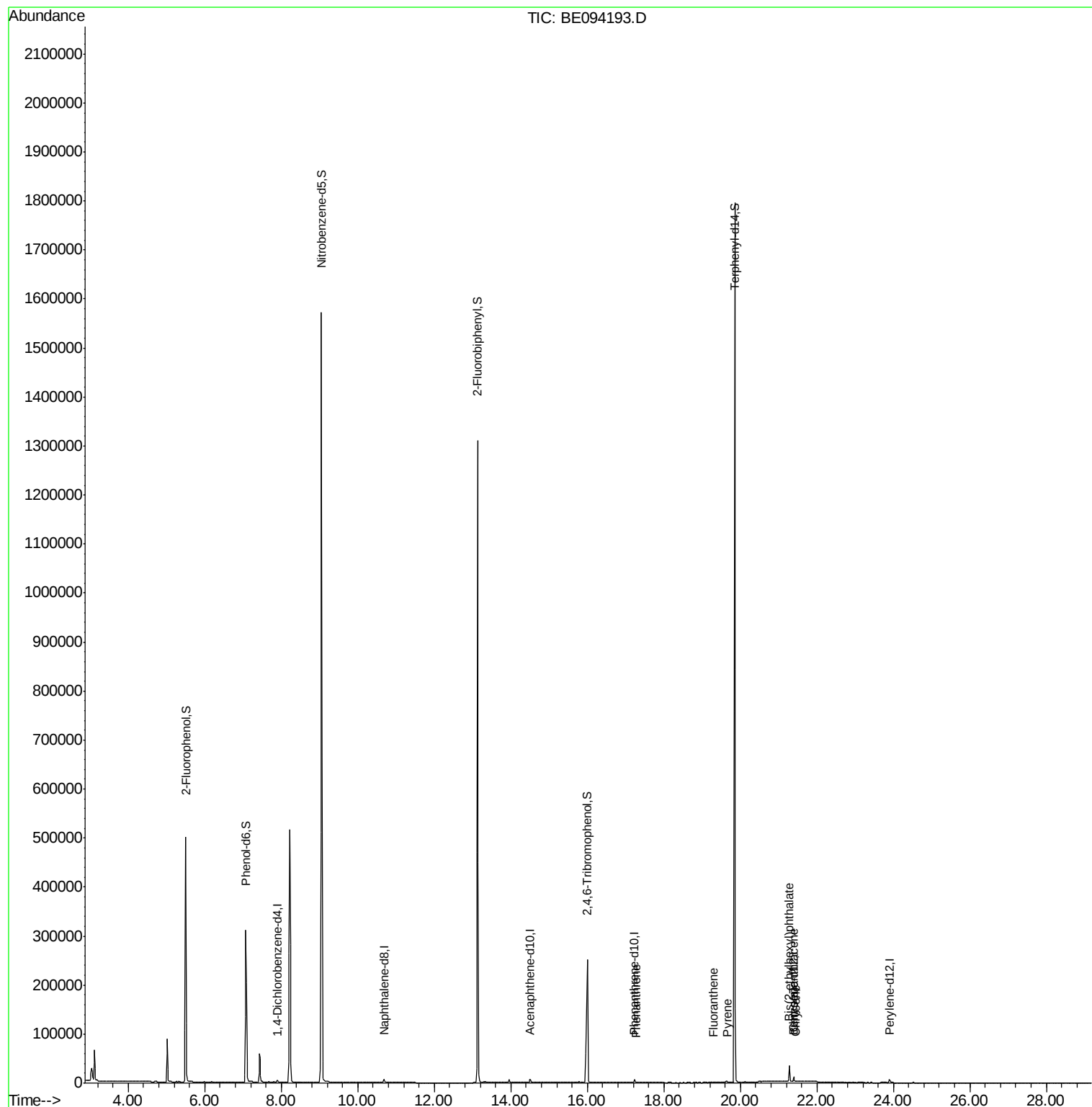
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094193.D
Acq On : 6 Oct 2017 23:43
Operator : SJ/JU
Sample : I5571-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Manual Integrations
APPROVED

Sohil
10/9/2017 6:49:03 PM

Quant Time: Oct 07 02:05:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration





#1

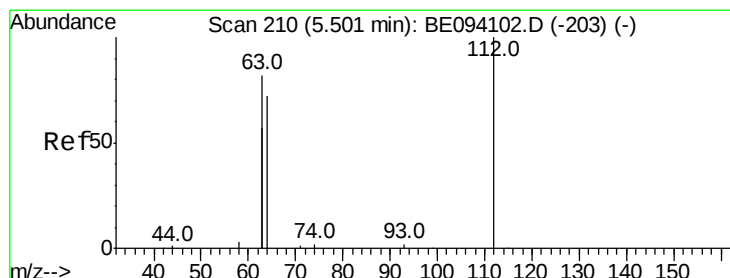
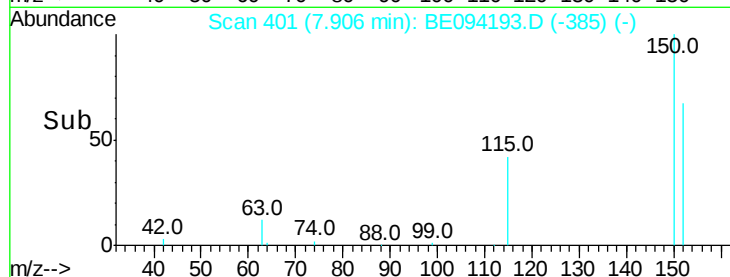
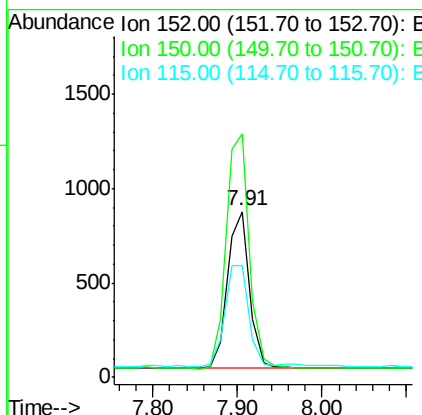
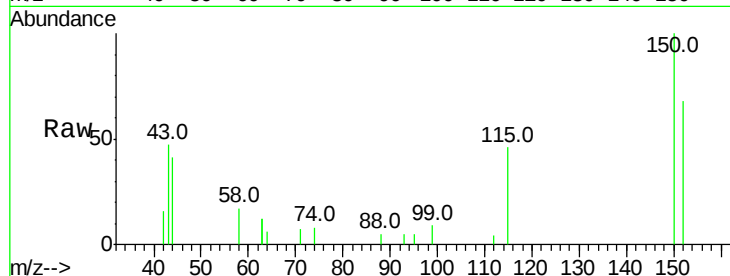
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	117.2	175.8
115	67.1	57.0	85.6

Manual Integrations
APPROVED

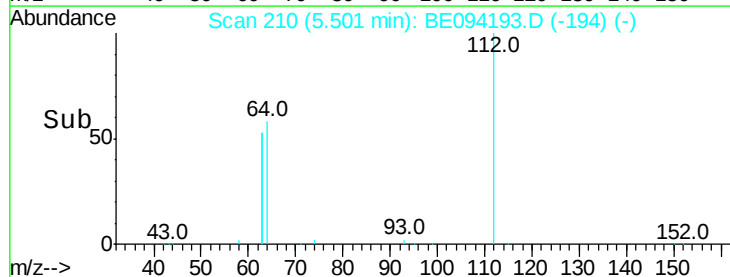
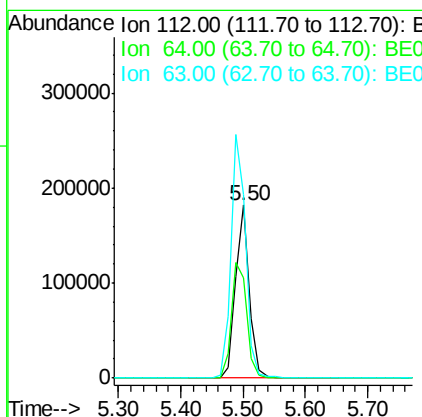
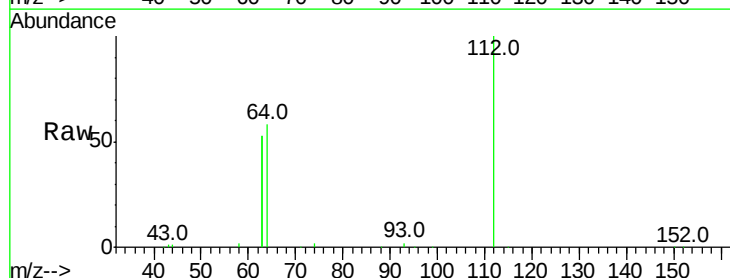
Sohil
10/9/2017 6:49:03 PM

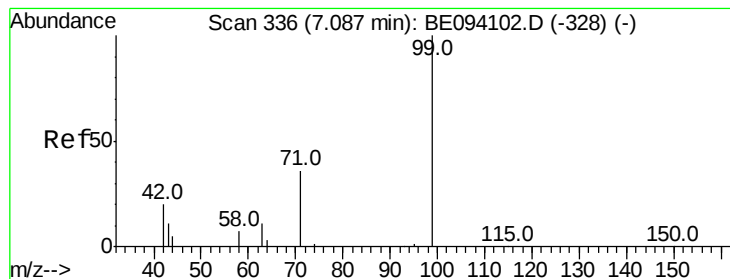


#4

2-Fluorophenol
Concen: 56.326 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.3	60.1	90.1
63	149.6	116.8	175.2





#5

Phenol-d6

Concen: 40.663 ng

RT: 7.07 min Scan# 335

Delta R.T. -0.01 min

Lab File: BE094193.D

Acq: 6 Oct 2017 23:43

Instrument :

BNA_E

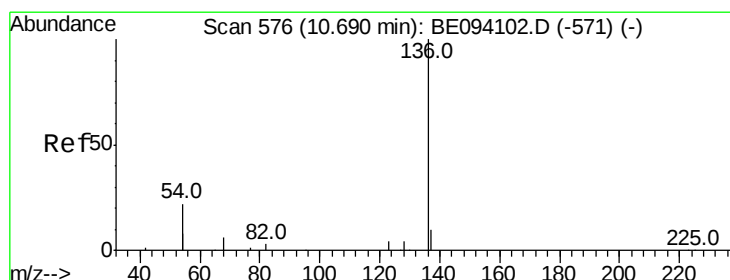
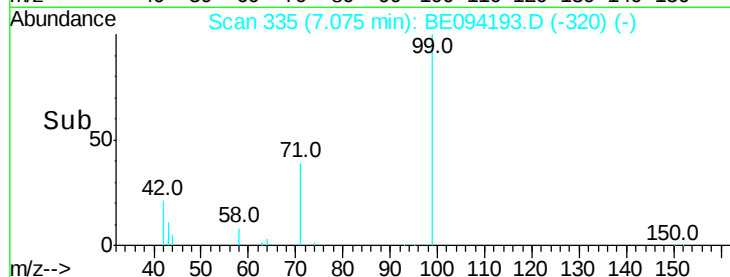
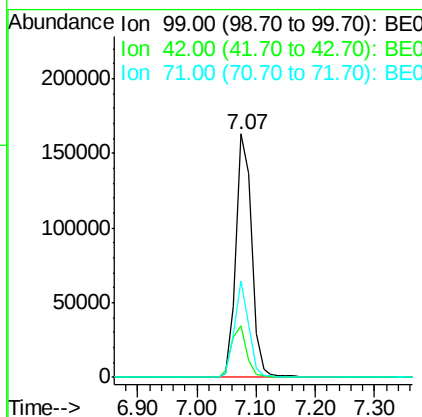
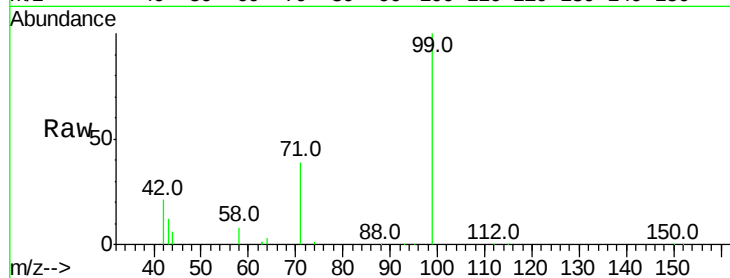
ClientSampleId :

PAMT-COMP-D

Tot Ion:	99	Resp:	296242
Ion Ratio	Lower	Upper	
99	100		
42	20.6	20.2	30.2
71	35.5	28.4	42.6

Manual Integrations
APPROVED

Sohil
10/9/2017 6:49:03 PM



#7

Naphthalene-d8

Concen: 0.400 ng

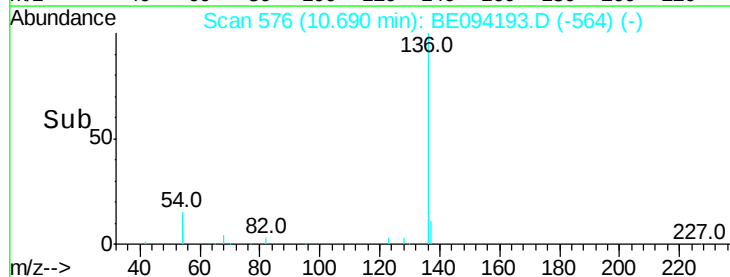
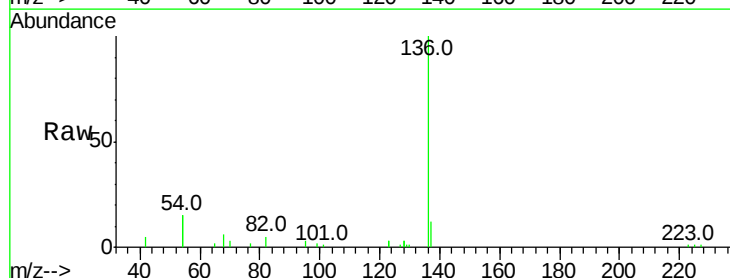
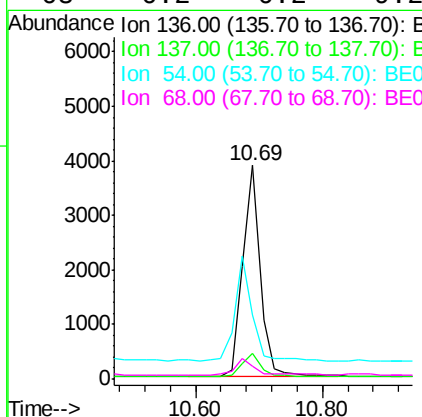
RT: 10.69 min Scan# 576

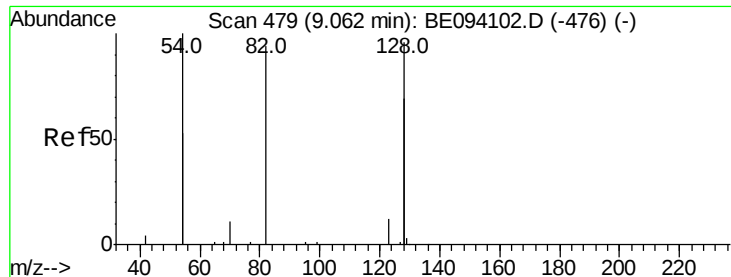
Delta R.T. -0.00 min

Lab File: BE094193.D

Acq: 6 Oct 2017 23:43

Tgt Ion:	136	Resp:	7394
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.5	14.3
54	30.2	29.1	43.7
68	6.2	6.2	9.2





#8

Nitrobenzene-d5

Concen: 94.012 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094193.D

Acq: 6 Oct 2017 23:43

Instrument :

BNA_E

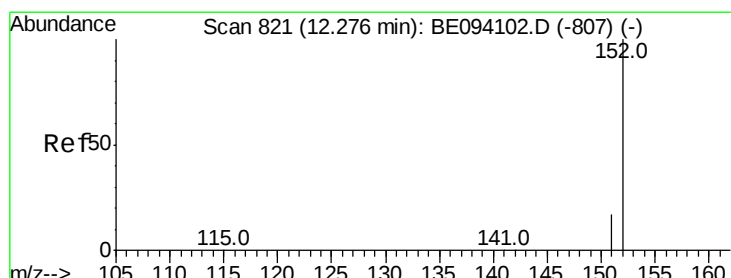
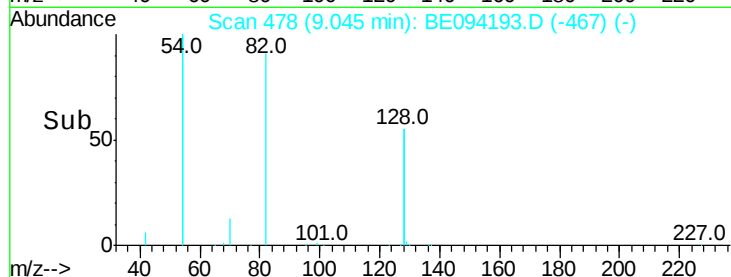
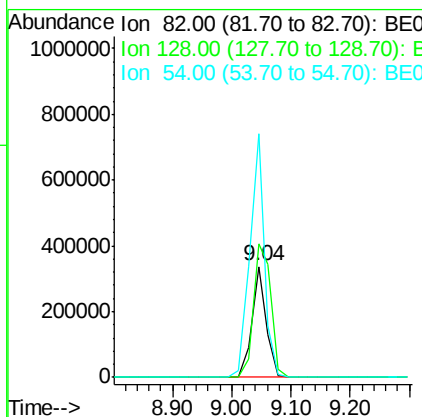
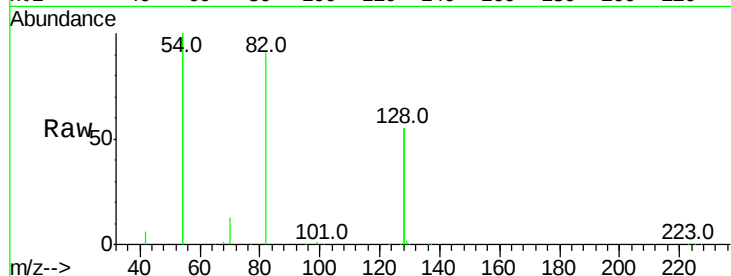
ClientSampleId :

PAMT-COMP-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	120.7	150.0	225.0#
54	219.2	154.2	231.4

Manual Integrations
APPROVED

Sohil
10/9/2017 6:49:03 PM



#11

2-Methylnaphthalene-d10

Concen: 0.001 ng

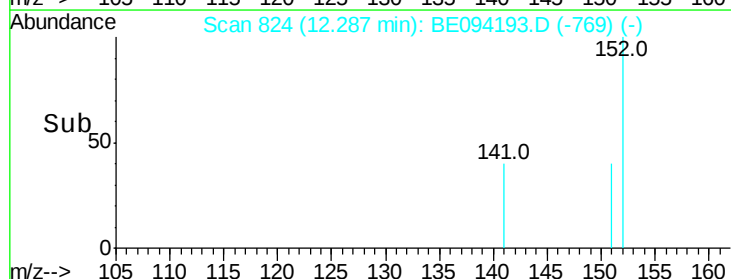
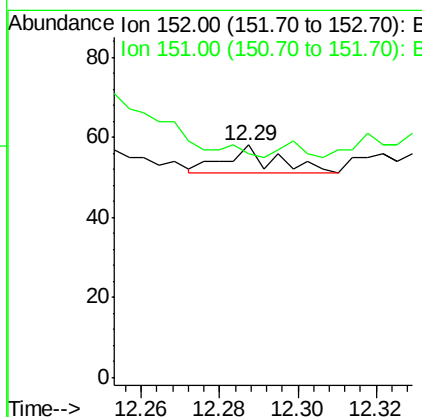
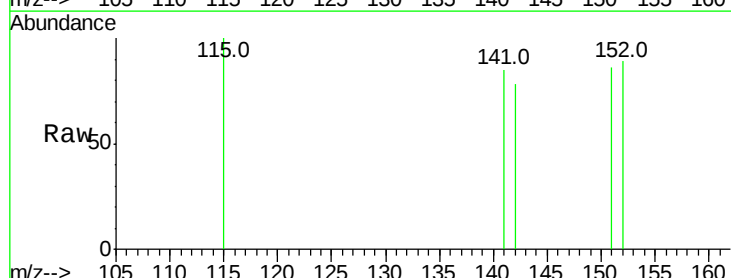
RT: 12.29 min Scan# 824

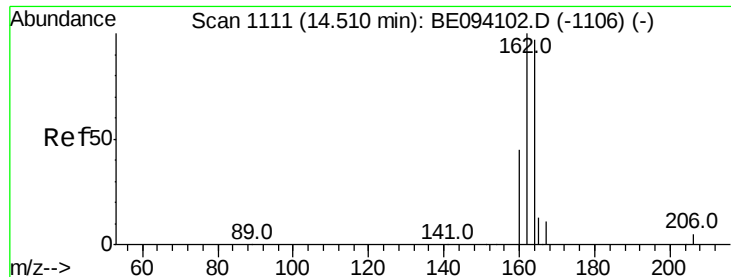
Delta R.T. 0.01 min

Lab File: BE094193.D

Acq: 6 Oct 2017 23:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	33.3	15.4	23.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094193.D

Acq: 6 Oct 2017 23:43

Instrument :

BNA_E

ClientSampleId :

PAMT-COMP-D

Tot Ion:164 Resp: 4355

Ion Ratio Lower Upper

164 100

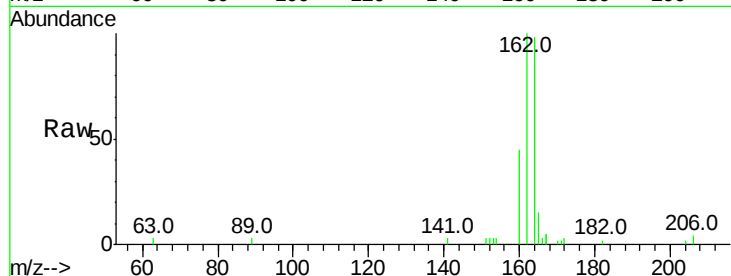
162 101.9 83.1 124.7

160 46.4 37.1 55.7

Manual Integrations
APPROVED

Sohil

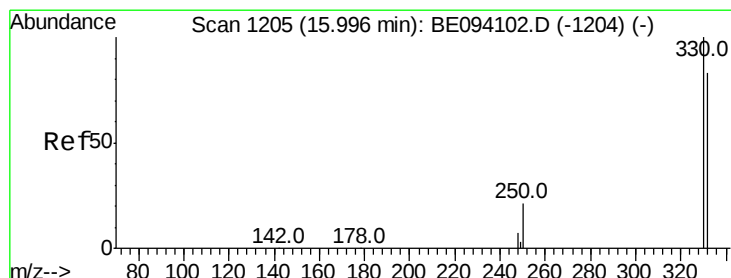
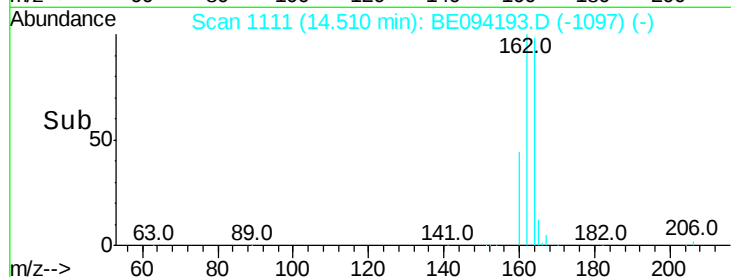
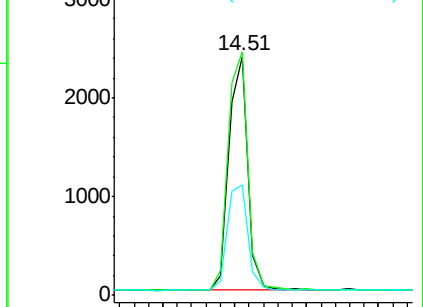
10/9/2017 6:49:03 PM



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: 122.826 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094193.D

Acq: 6 Oct 2017 23:43

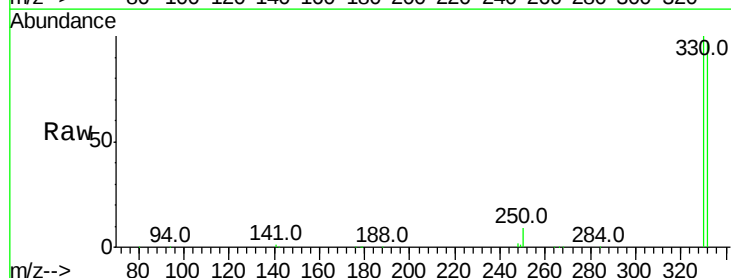
Tgt Ion:330 Resp: 232539

Ion Ratio Lower Upper

330 100

332 97.6 152.7 229.1#

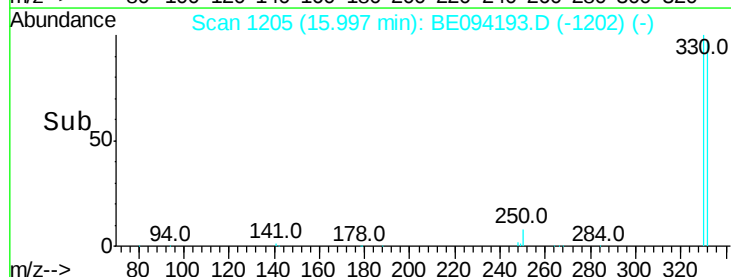
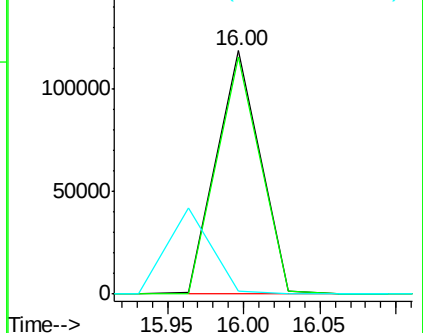
141 0.0 33.7 50.5#

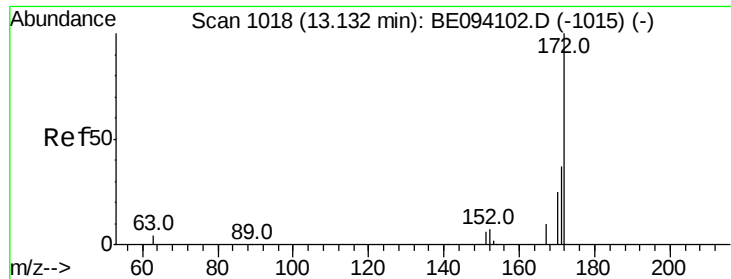


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





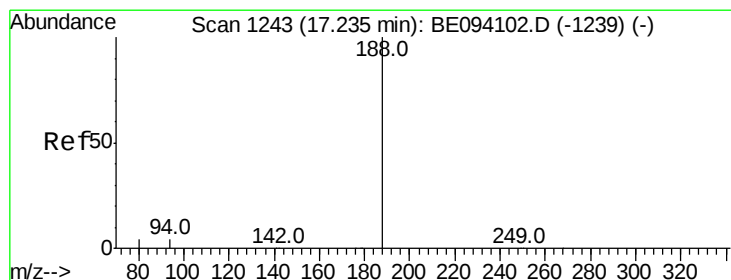
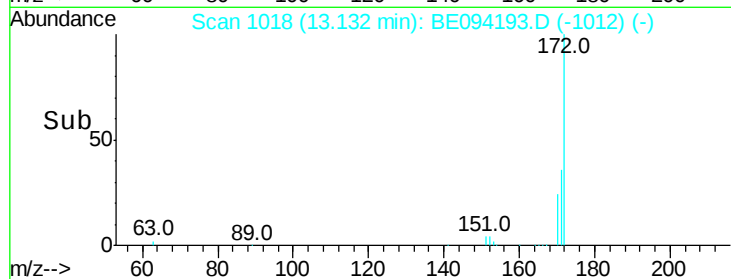
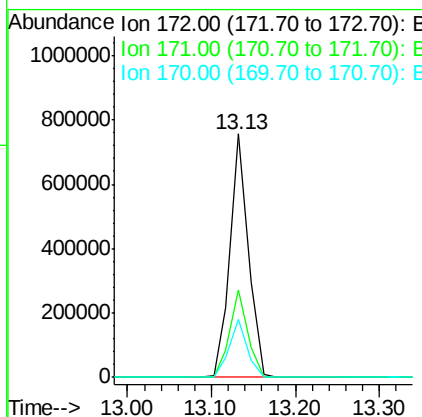
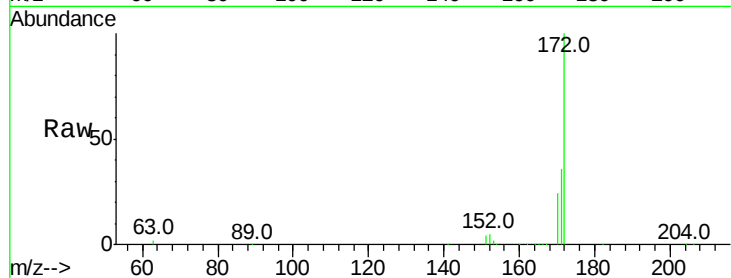
#15
2-Fluorobiphenyl
Concen: 77.042 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tot Ion:172 Resp: 1149382
Ion Ratio Lower Upper
172 100
171 35.8 29.9 44.9
170 23.9 21.8 32.8

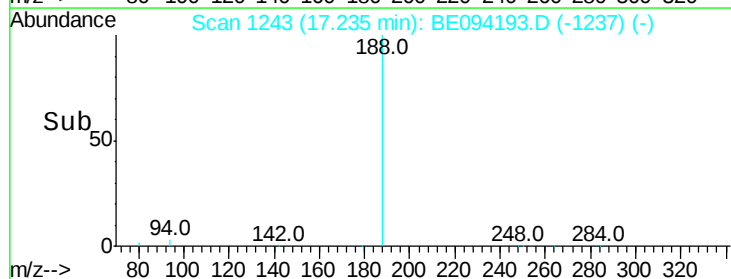
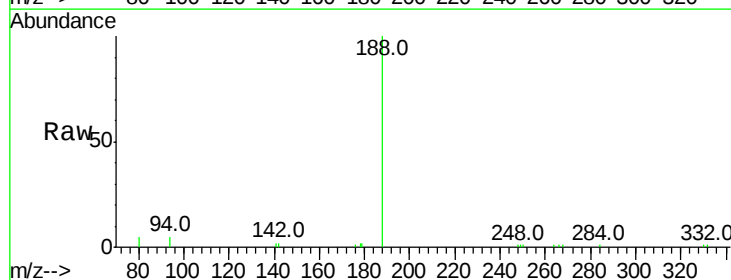
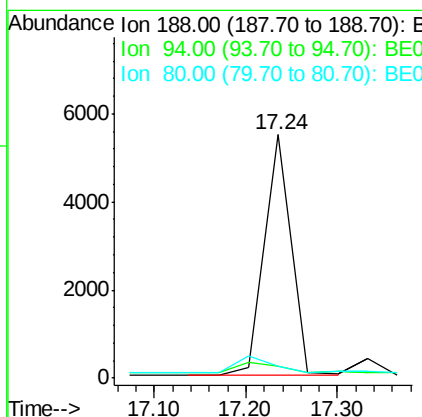
Manual Integrations
APPROVED

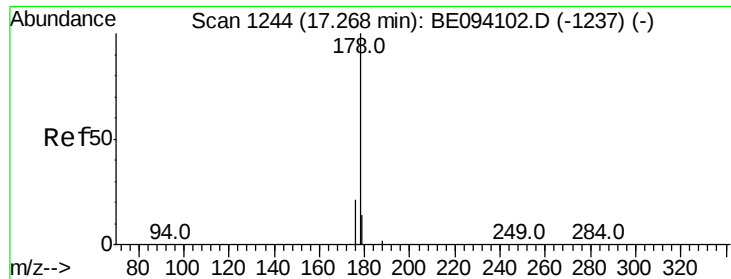
Sohil
10/9/2017 6:49:03 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:188 Resp: 11254
Ion Ratio Lower Upper
188 100
94 4.9 3.9 5.9
80 4.8 3.6 5.4





#23

Phenanthrene

Concen: 0.033 ng/mL

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094193.D

Acq: 6 Oct 2017 23:43

Instrument :

BNA_E

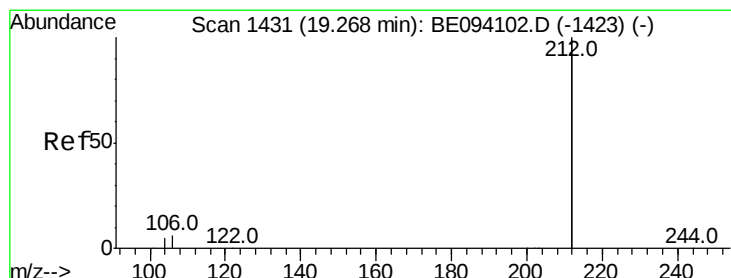
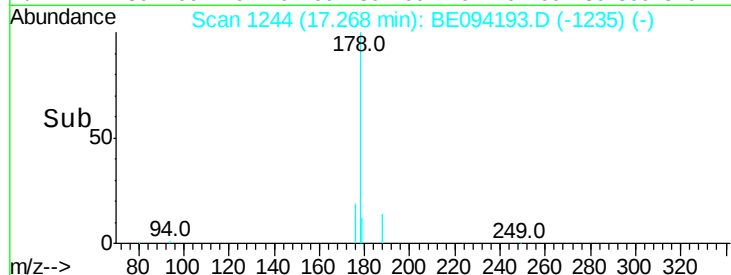
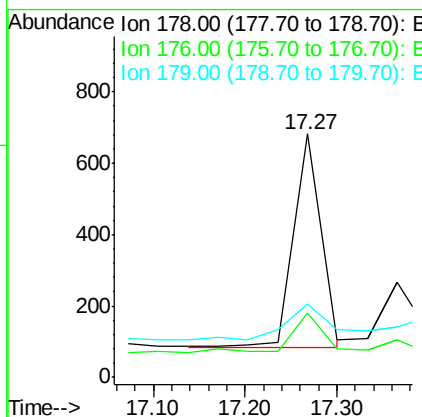
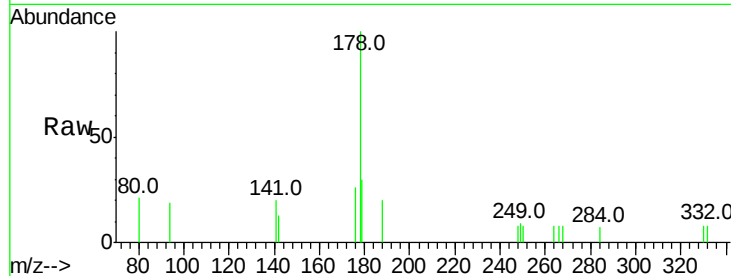
ClientSampleId :

PAMT-COMP-D

Tot Ion:	178	Resp:	1279
Ion Ratio	Lower	Upper	
178	100		
176	21.3	15.1	22.7
179	29.8	11.8	17.6#

Manual Integrations
APPROVED

Sohil
10/9/2017 6:49:03 PM



#25

Fluoranthene-d10

Concen: 0.001 ng/mL

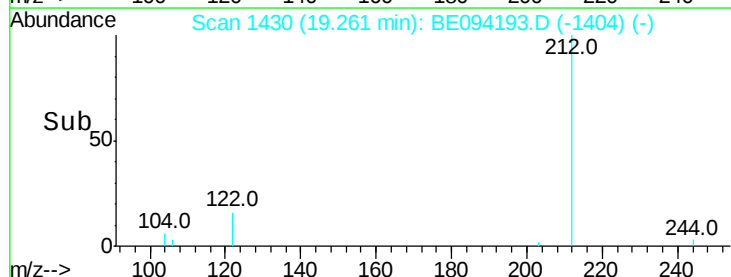
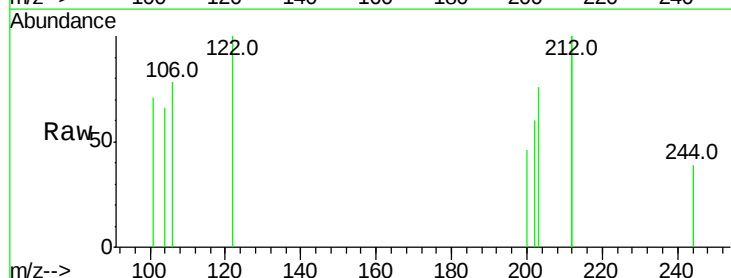
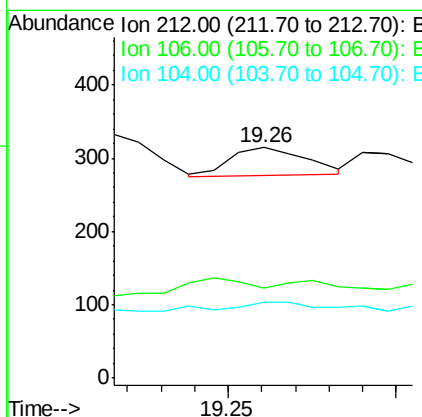
RT: 19.26 min Scan# 1430

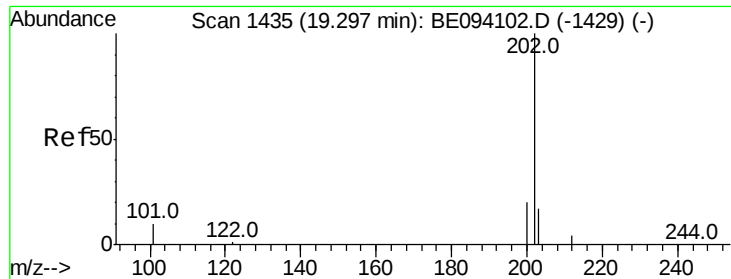
Delta R.T. -0.01 min

Lab File: BE094193.D

Acq: 6 Oct 2017 23:43

Tgt Ion:	212	Resp:	62
Ion Ratio	Lower	Upper	
212	100		
106	54.8	2.8	4.2#
104	45.2	1.6	2.4#





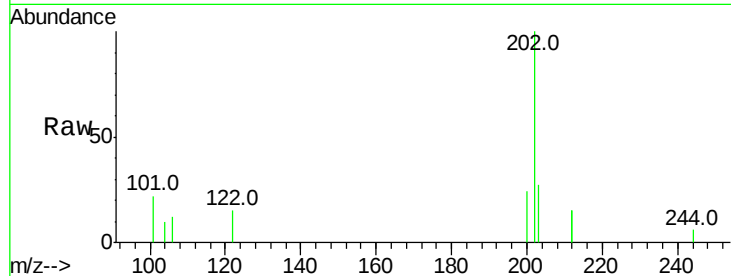
#26
 Fluoranthene
 Concen: 0.038 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BE094193.D
 Acq: 6 Oct 2017 23:43

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-D

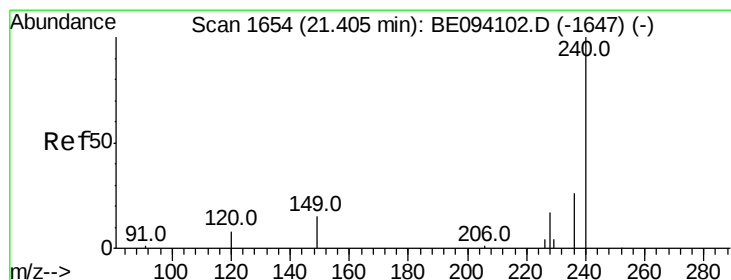
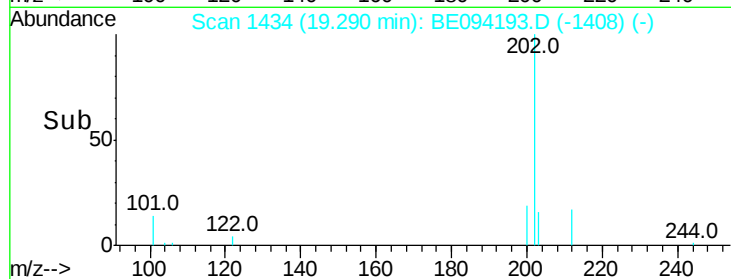
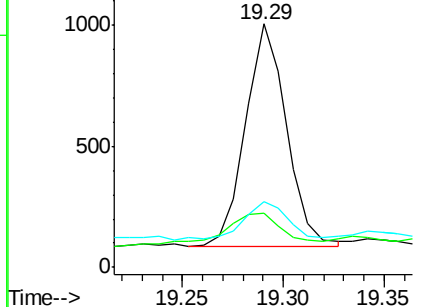
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	23.5	9.8	14.8#
203	18.8	13.7	20.5

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:49:03 PM



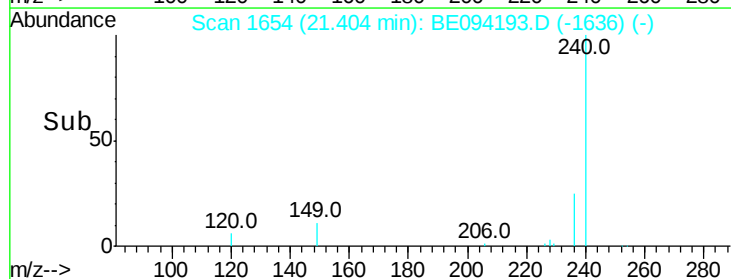
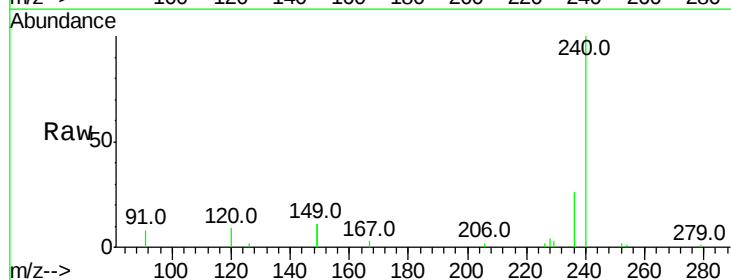
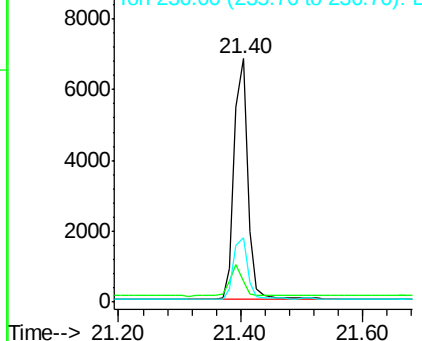
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

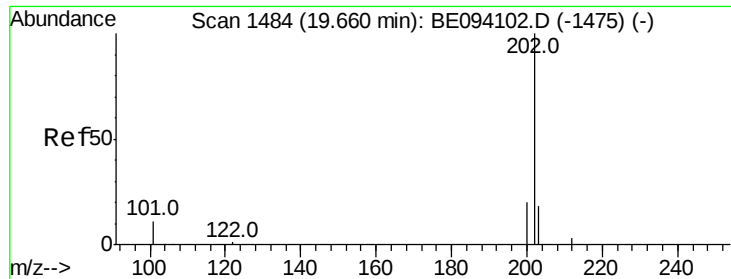


#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE094193.D
 Acq: 6 Oct 2017 23:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	5.5	8.3#
236	26.4	20.7	31.1

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





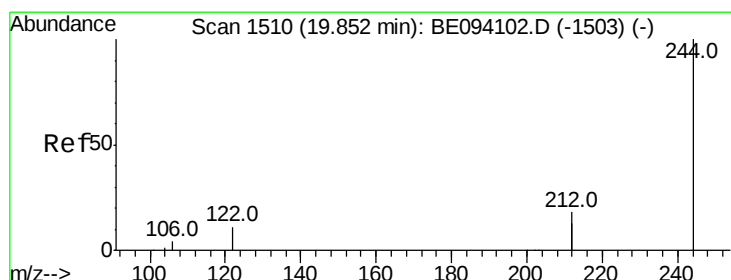
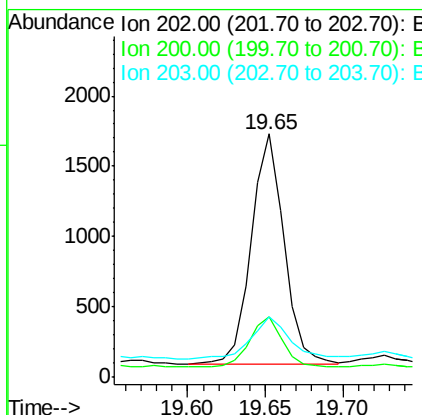
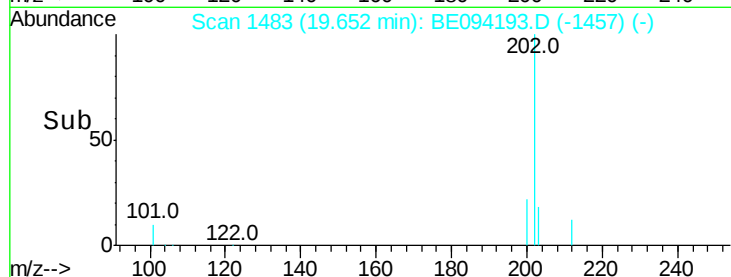
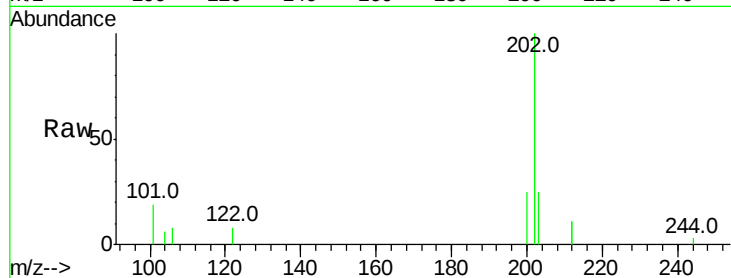
#28
Pvrene
Concen: 0.065 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.6	25.0
203	21.9	13.8	20.8

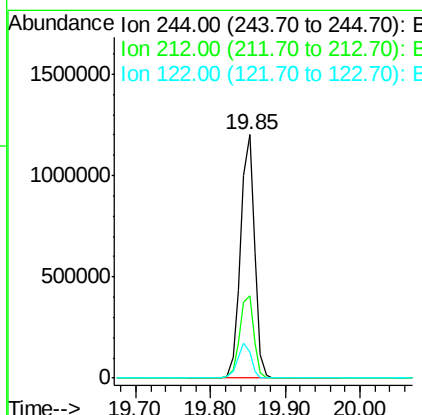
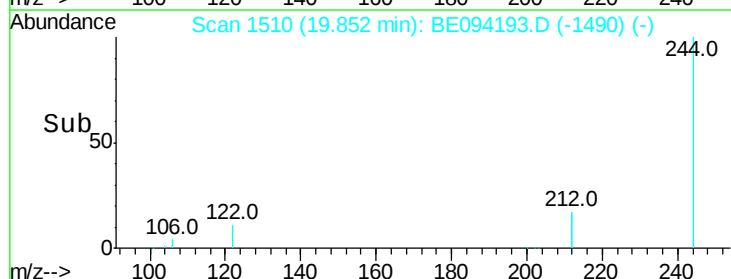
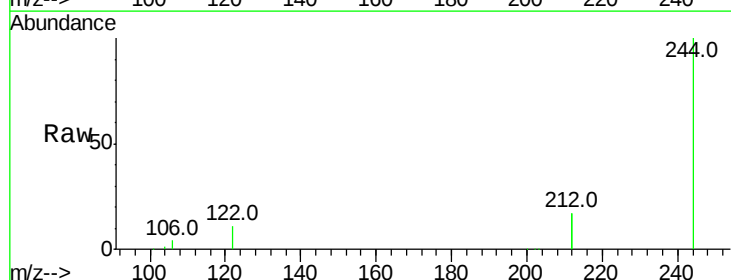
Manual Integrations
APPROVED

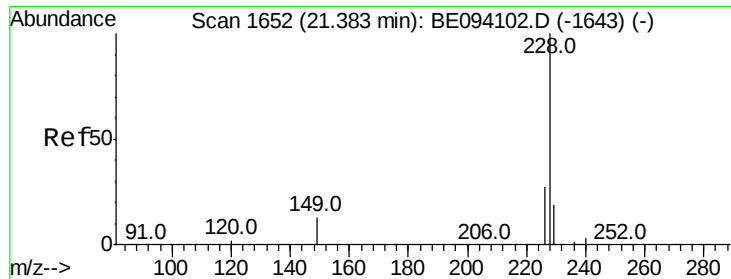
Sohil
10/9/2017 6:49:03 PM



#29
Terphenyl-d14
Concen: 78.226 ng
RT: 19.85 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	33.6	25.4	38.0
122	10.6	8.1	12.1





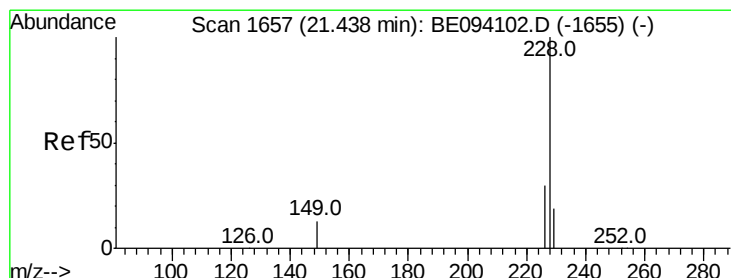
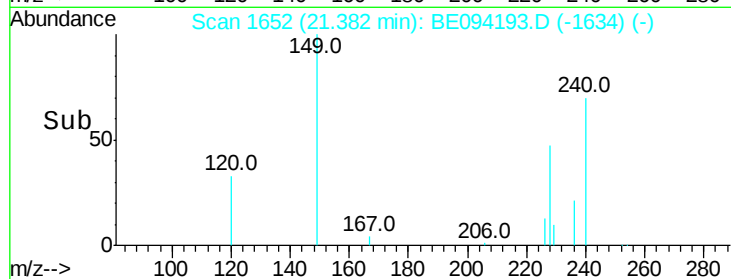
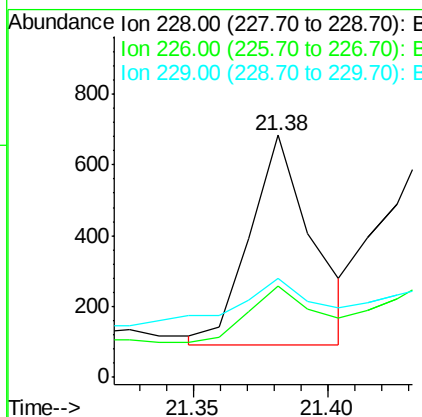
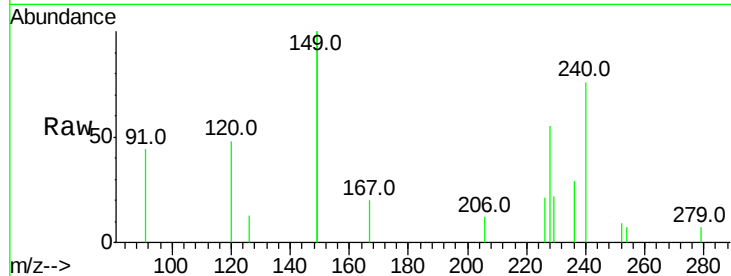
#30
Benzo(a)anthracene
Concen: 0.028 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.9	21.4	32.0#
229	40.8	16.4	24.6#

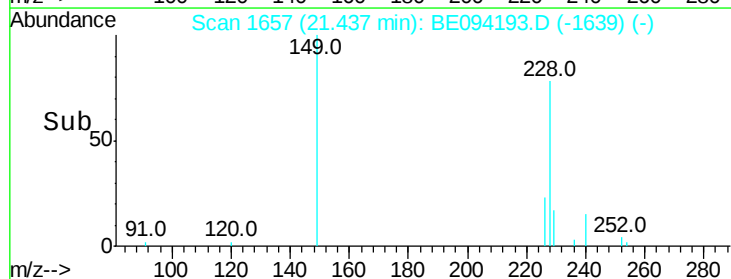
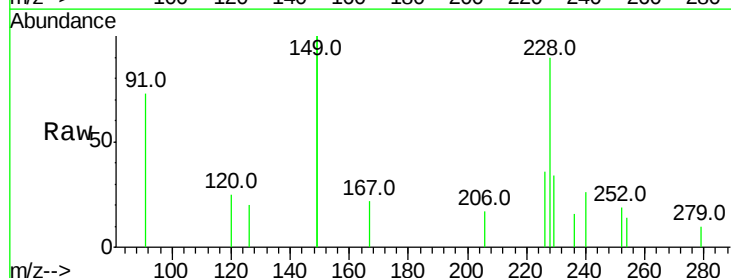
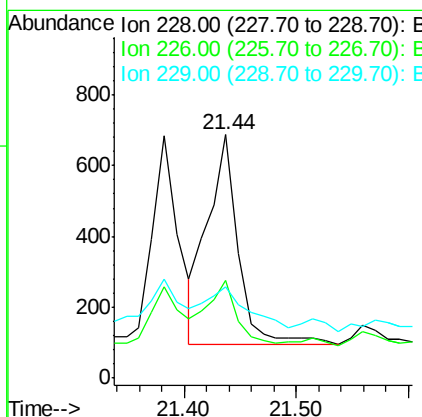
Manual Integrations
APPROVED

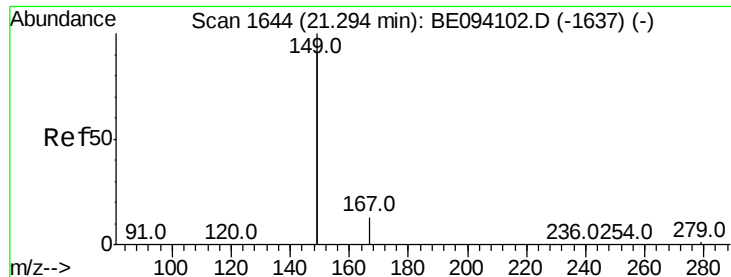
Sohil
10/9/2017 6:49:03 PM



#31
Chrysene
Concen: 0.033 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.8	23.6	35.4#
229	37.5	16.4	24.6#





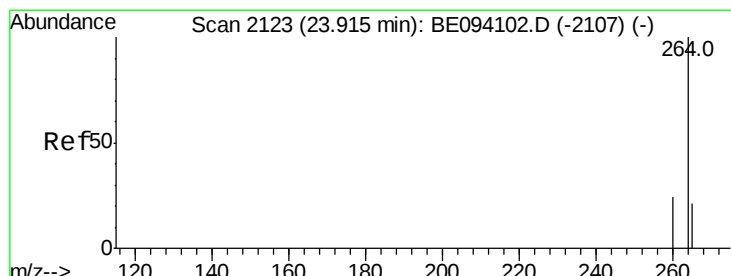
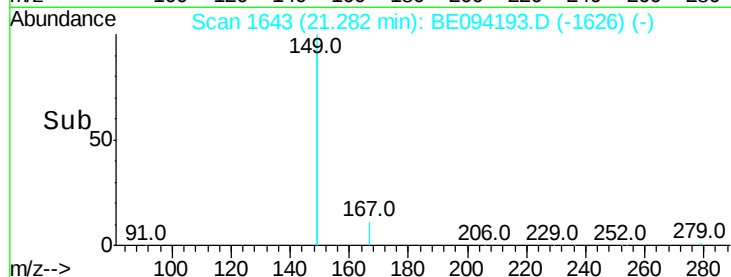
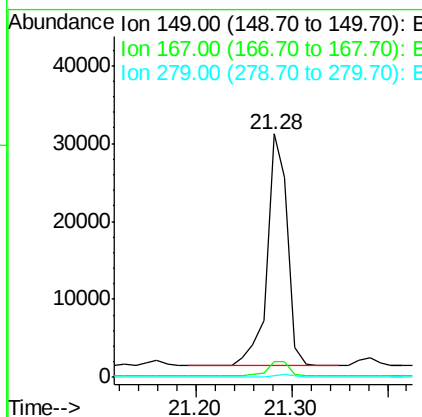
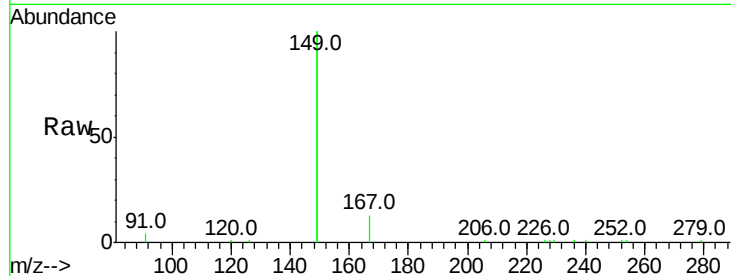
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.554 ng
 RT: 21.28 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BE094193.D
 Acq: 6 Oct 2017 23:43

Instrument :
 BNA_E
 ClientSampleId :
 PAMT-COMP-D

Tot Ion:	149	Resp:	44219
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:49:03 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BE094193.D
 Acq: 6 Oct 2017 23:43

Tgt Ion:	264	Resp:	9943
Ion Ratio	Lower	Upper	
264	100		
260	24.6	20.5	30.7
265	27.3	22.8	34.2

