

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
 Data File : BE094083.D
 Acq On : 23 Sep 2017 18:15
 Operator : SJ/JU
 Sample : PB102533BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102533BL

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:24:33 PM

Quant Time: Sep 25 13:12:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 13:07:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1024	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	4650	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	2785	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	13542	0.40	ng	0.00
27) Chrysene-d12	21.40	240	18085	0.40	ng	0.00
34) Perylene-d12	23.91	264	12910	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1823	0.29	ng	0.00
5) Phenol-d6	7.09	99	1999	0.33	ng	0.00
8) Nitrobenzene-d5	9.06	82	1371	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2569	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	180m	0.09	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	3595	0.39	ng	0.02
25) Fluoranthene-d10	19.27	212	64741	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	11359	0.40	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.91	266	295	0.780	ng	83

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

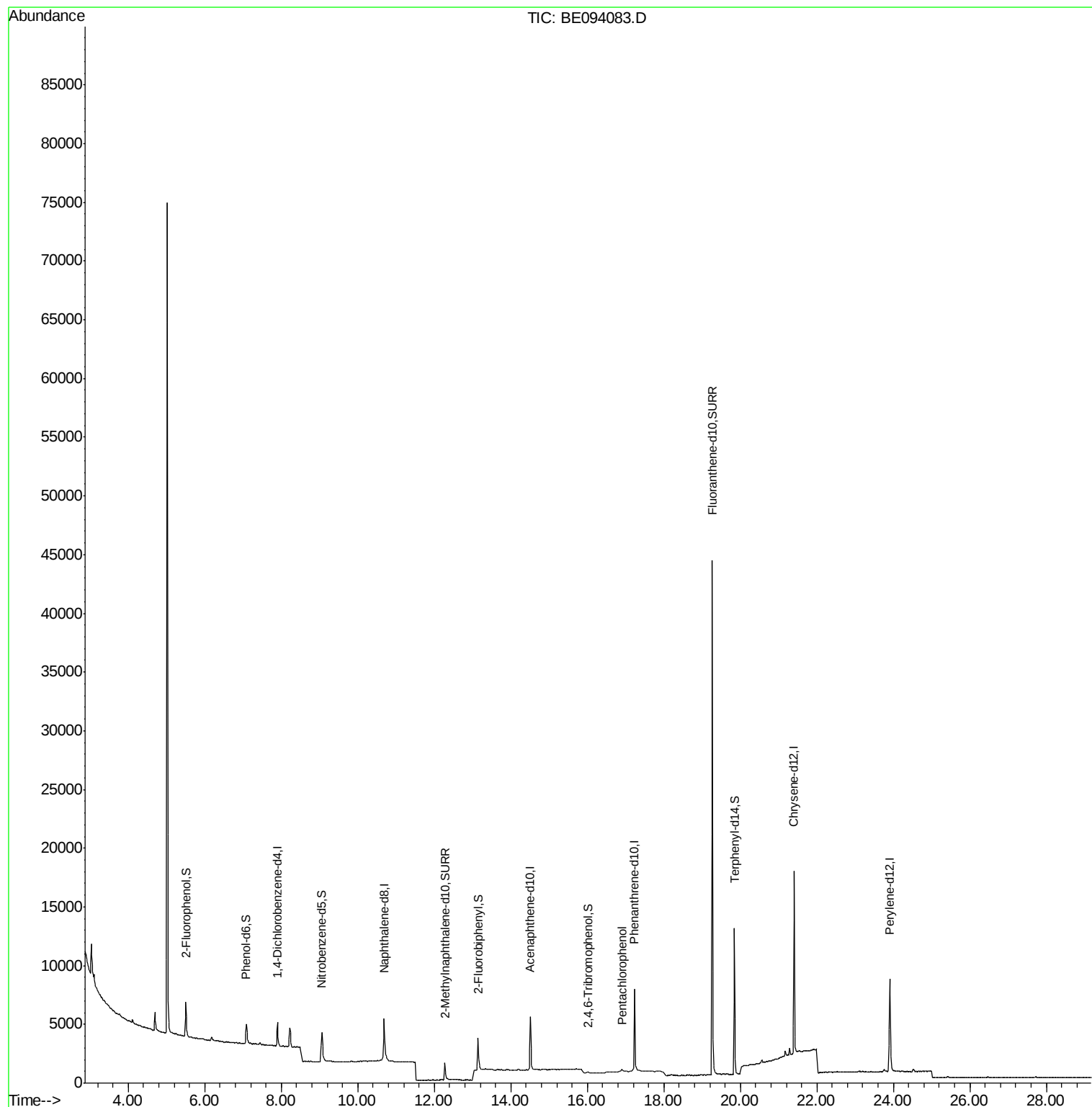
Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094083.D
Acq On : 23 Sep 2017 18:15
Operator : SJ/JU
Sample : PB102533BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

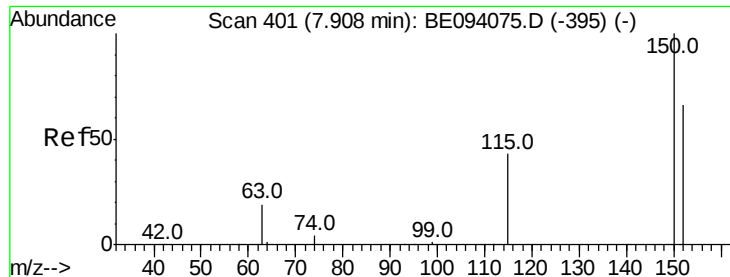
Instrument :
BNA_E
ClientSampleId :
PB102533BL

Manual Integrations
APPROVED

Sohil
9/25/2017 6:24:33 PM

Quant Time: Sep 25 13:12:14 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 13:07:29 2017
Response via : Initial Calibration





#1

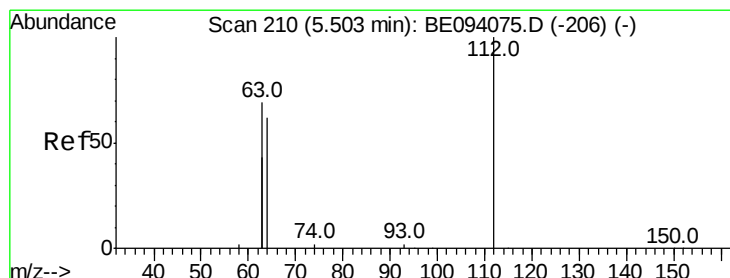
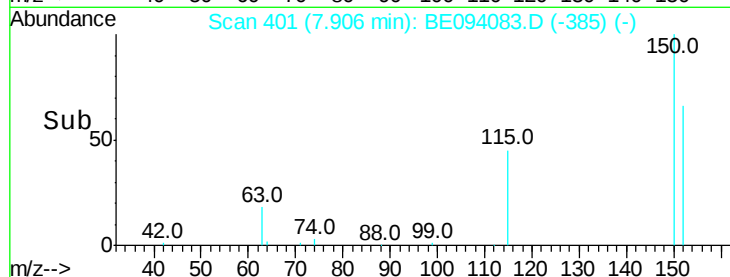
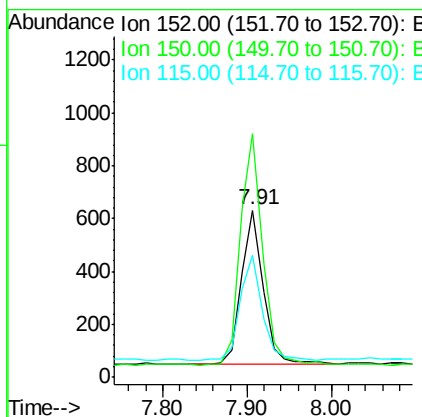
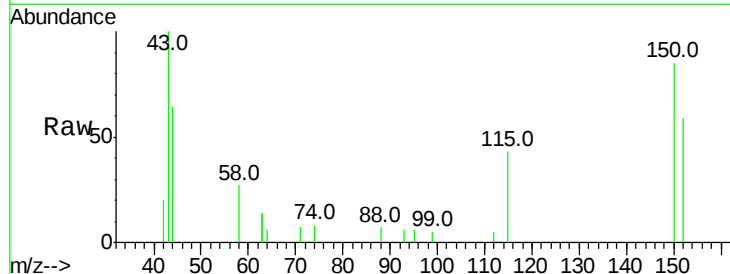
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Instrument :
BNA_E
ClientSampleId :
PB102533BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	117.2	175.8
115	73.1	57.0	85.6

Manual Integrations
APPROVED

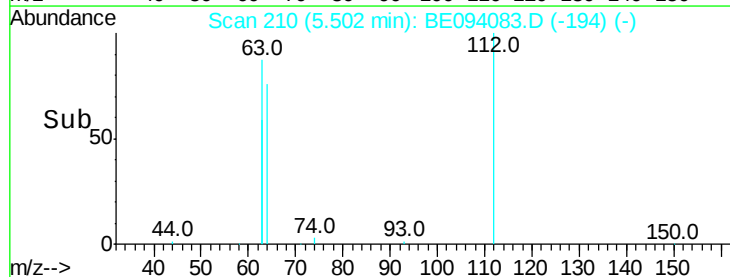
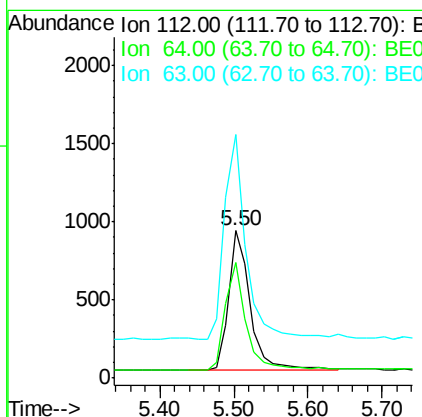
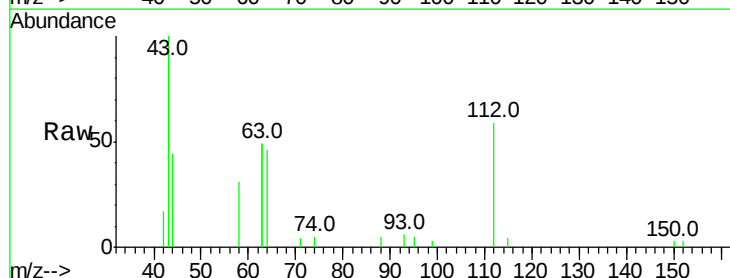
Sohil
9/25/2017 6:24:33 PM

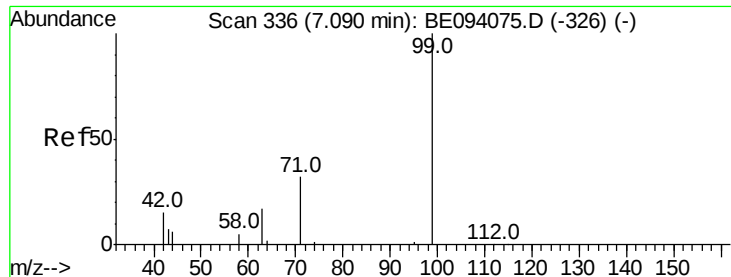


#4

2-Fluorophenol
Concen: 0.291 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.8	60.1	90.1
63	143.0	116.8	175.2





#5

Phenol-d6

Concen: 0.330 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :

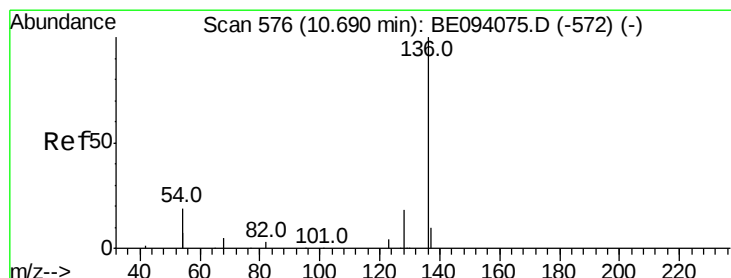
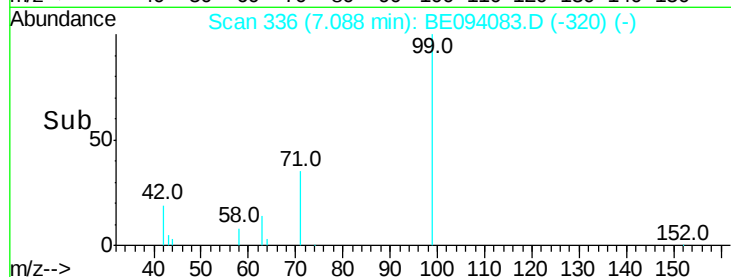
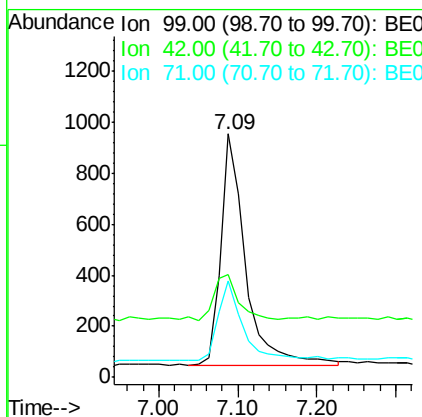
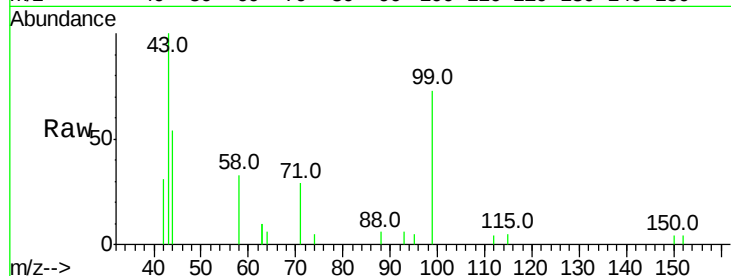
PB102533BL

Tot Ion:	99	Resp:	1999
Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.2	30.2#
71	34.6	28.4	42.6

Manual Integrations
APPROVED

Sohil

9/25/2017 6:24:33 PM



#7

Naphthalene-d8

Concen: 0.400 ng

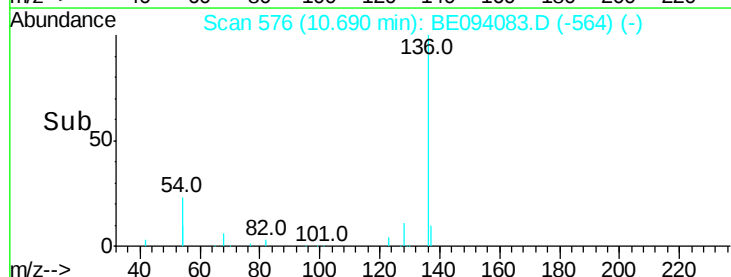
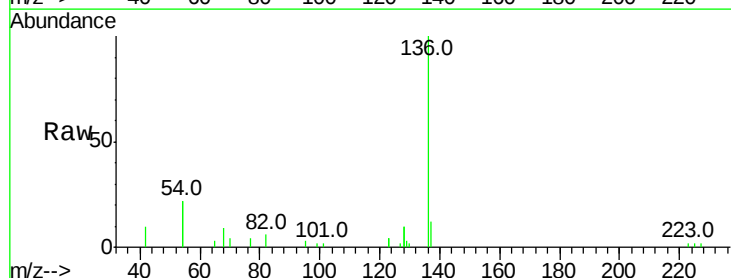
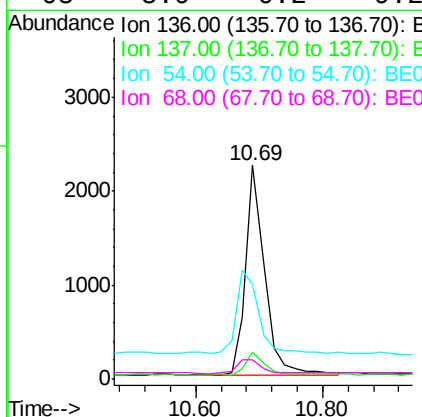
RT: 10.69 min Scan# 576

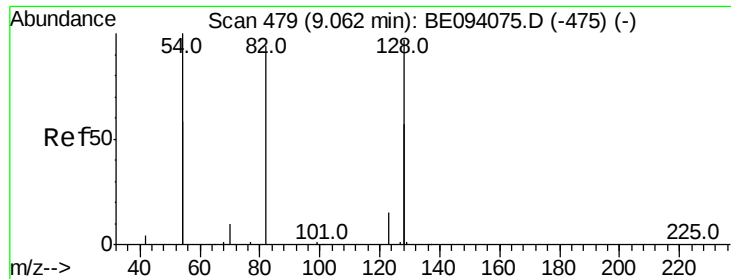
Delta R.T. -0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Tgt Ion:	136	Resp:	4650
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	44.3	29.1	43.7#
68	8.9	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.332 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :

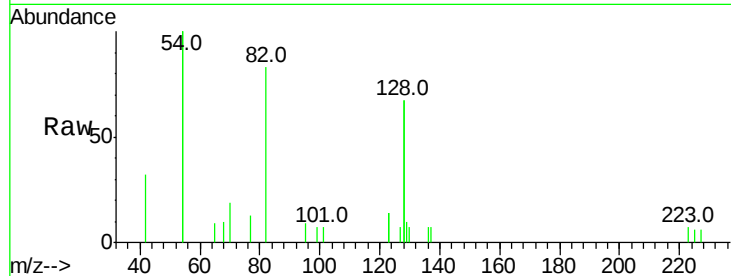
PB102533BL

Tot Ion:	82	Resp:	1371
Ion	Ratio	Lower	Upper
82	100		
128	161.4	150.0	225.0
54	242.4	154.2	231.4#

Manual Integrations
APPROVED

Sohil

9/25/2017 6:24:33 PM

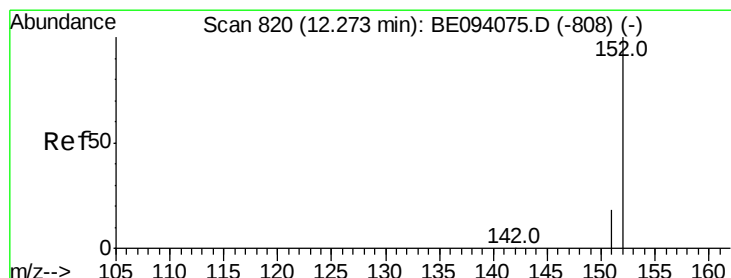
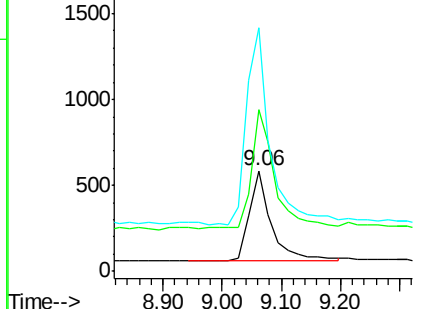
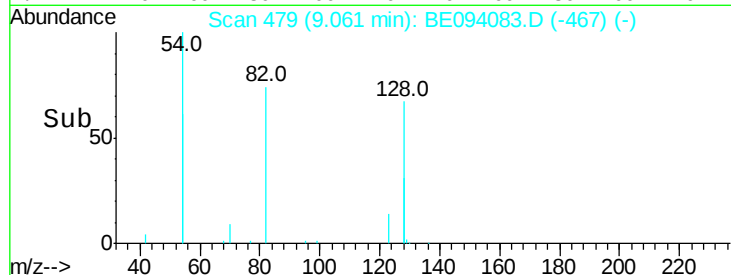


Abundance Ion 82.00 (81.70 to 82.70): BE094083.D (-467) (-)

Ion 128.00 (127.70 to 128.70): BE094083.D (-467) (-)

Ion 54.00 (53.70 to 54.70): BE094083.D (-467) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

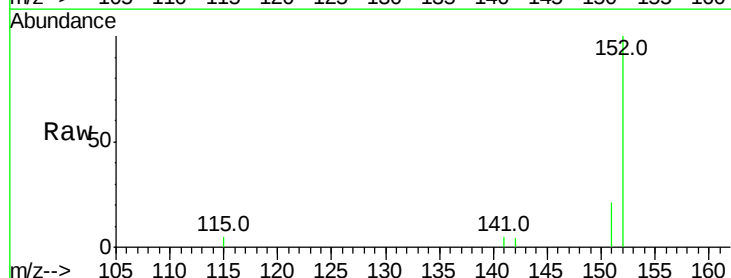
RT: 12.28 min Scan# 821

Delta R.T. 0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

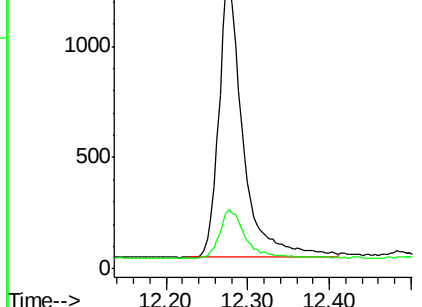
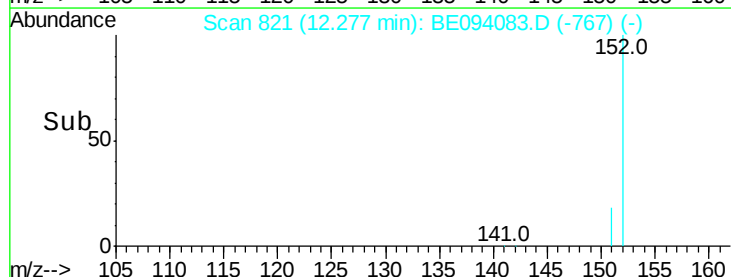
Tgt Ion:	152	Resp:	2569
Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

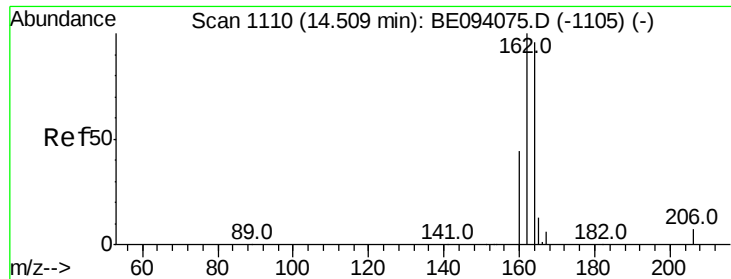


Abundance Ion 152.00 (151.70 to 152.70): BE094083.D (-767) (-)

Ion 151.00 (150.70 to 151.70): BE094083.D (-767) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :

PB102533BL

Tot Ion:164 Resp: 2785

Ion Ratio Lower Upper

164 100

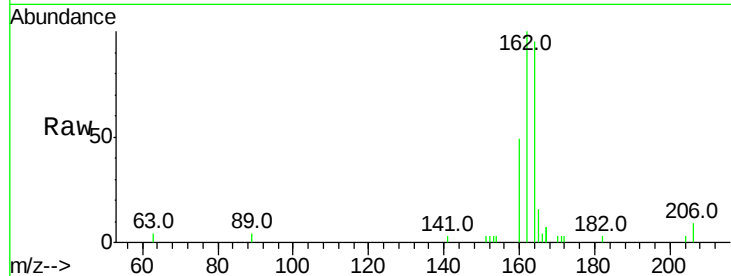
162 105.0 83.1 124.7

160 51.2 37.1 55.7

Manual Integrations
APPROVED

Sohil

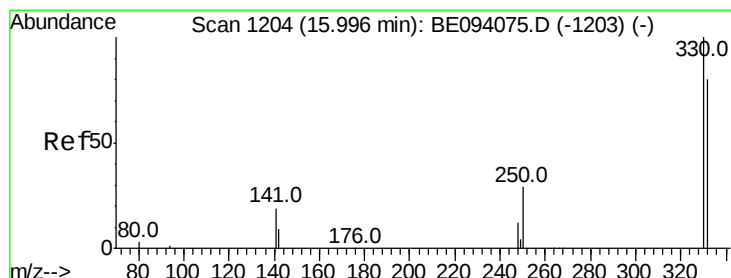
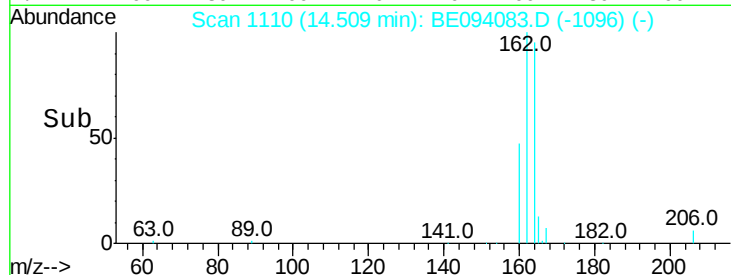
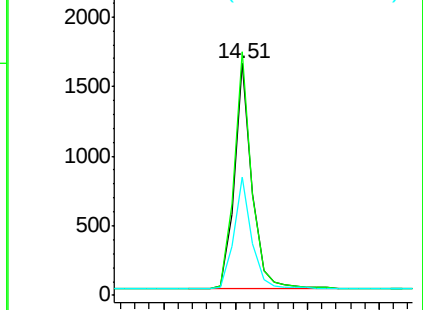
9/25/2017 6:24:33 PM



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: 0.085 ng m

RT: 16.03 min Scan# 1205

Delta R.T. 0.03 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

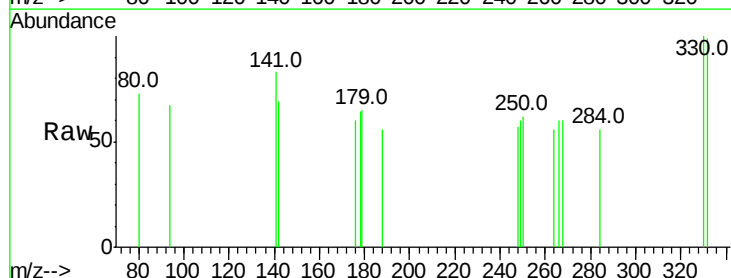
Tgt Ion:330 Resp: 180

Ion Ratio Lower Upper

330 100

332 65.0 152.7 229.1#

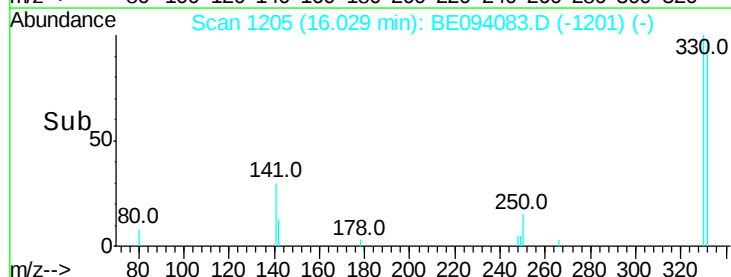
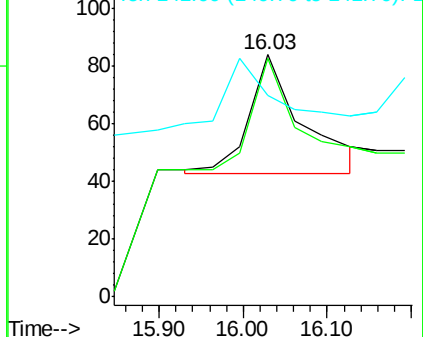
141 0.0 33.7 50.5#

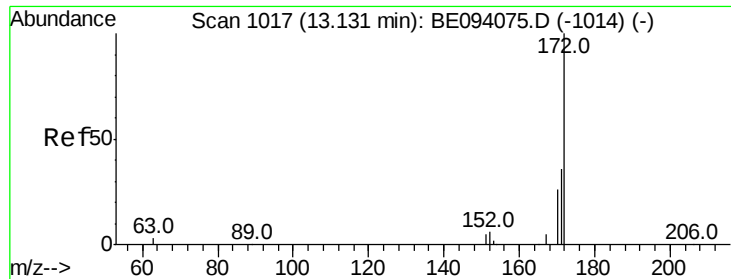


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





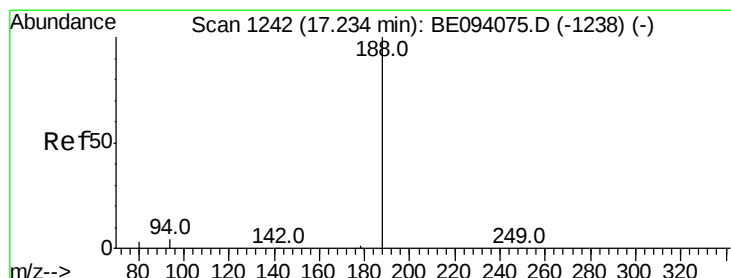
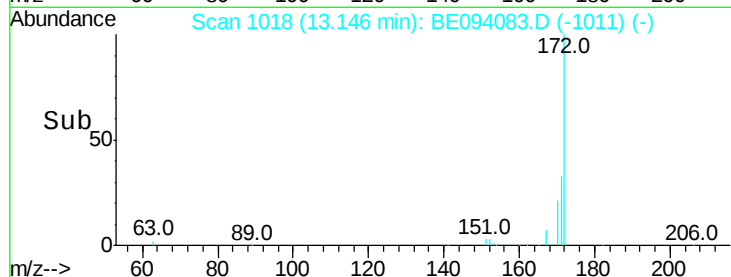
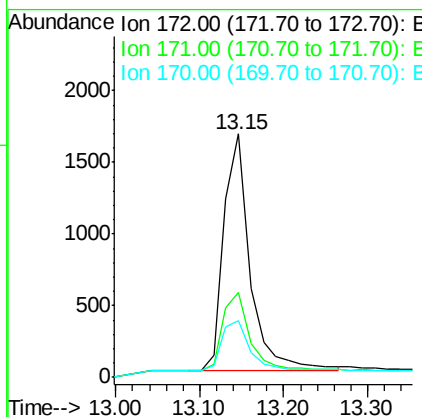
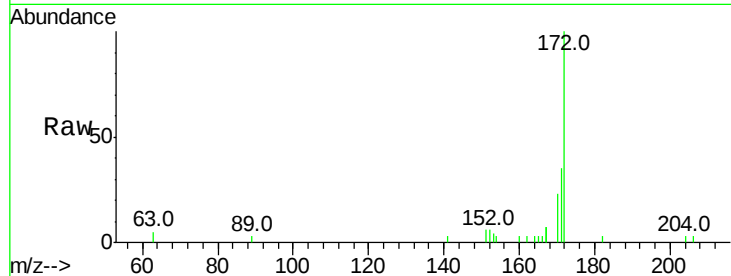
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.15 min Scan# 1018
Delta R.T. 0.02 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Instrument :
BNA_E
ClientSampleId :
PB102533BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	23.1	21.8	32.8

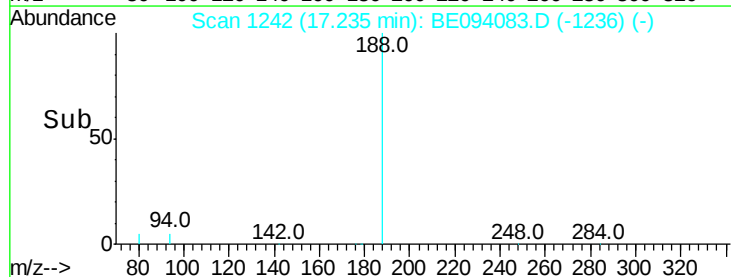
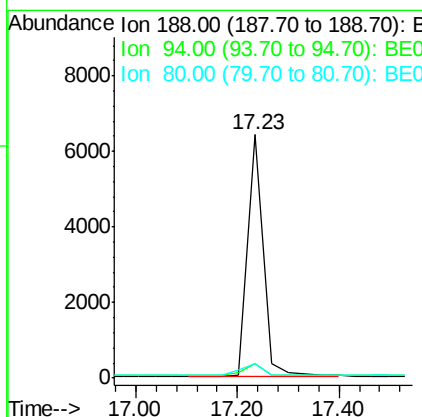
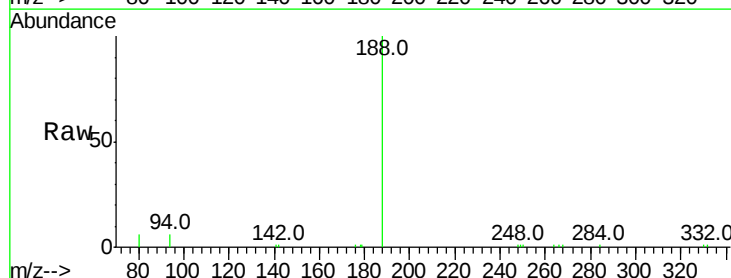
Manual Integrations
APPROVED

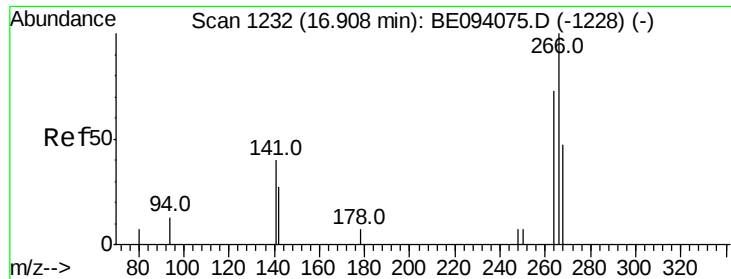
Sohil
9/25/2017 6:24:33 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	3.9	5.9#
80	6.0	3.6	5.4#





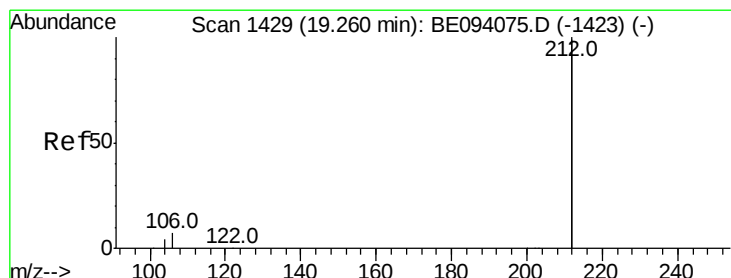
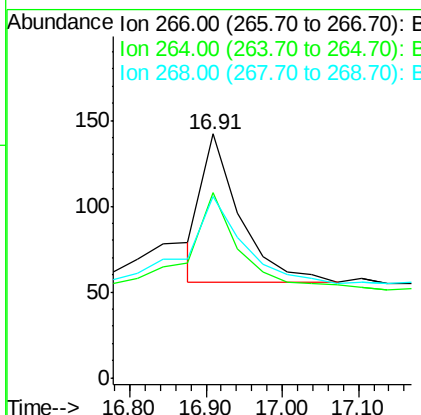
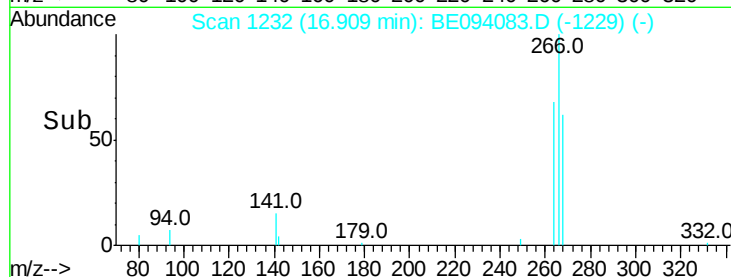
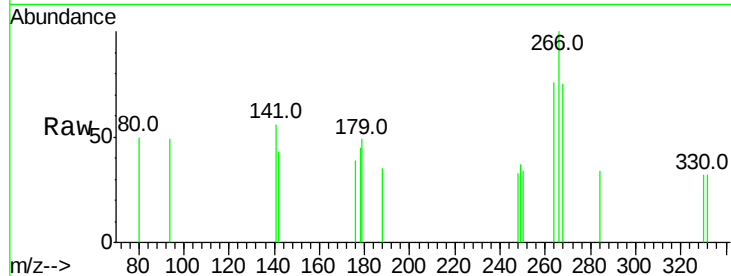
#22
 Pentachlorophenol
 Concen: 0.780 ng
 RT: 16.91 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BE094083.D
 Acq: 23 Sep 2017 18:15

Instrument :
 BNA_E
 ClientSampleId :
 PB102533BL

Tot Ion	Ratio	Lower	Upper
266	100		
264	76.1	72.5	108.7
268	74.6	73.8	110.6

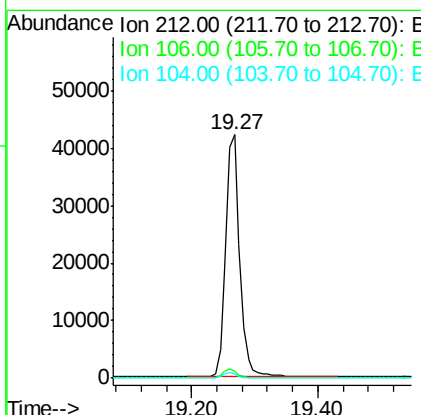
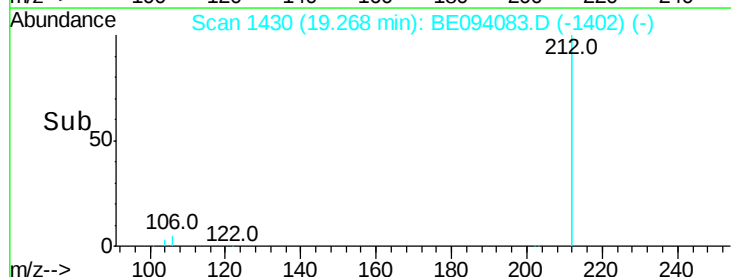
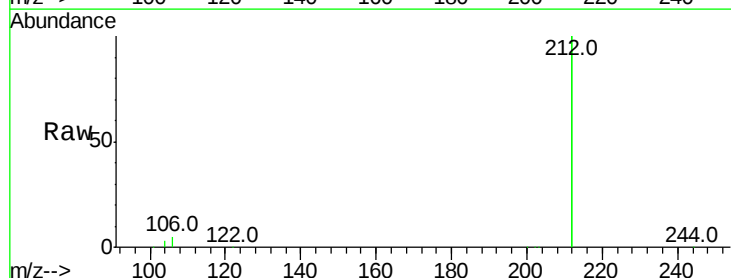
Manual Integrations
 APPROVED

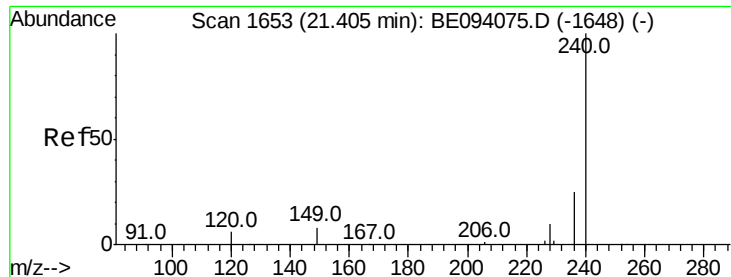
Sohil
 9/25/2017 6:24:33 PM



#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.27 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BE094083.D
 Acq: 23 Sep 2017 18:15

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.9	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

Instrument :

BNA_E

ClientSampleId :

PB102533BL

Tot Ion:240 Resp: 18085

Ion Ratio Lower Upper

240 100

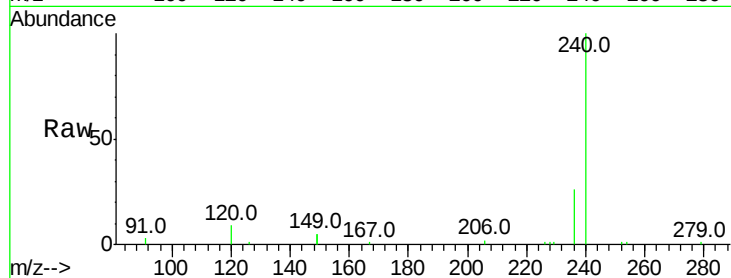
120 8.6 5.5 8.3#

236 25.9 20.7 31.1

Manual Integrations
APPROVED

Sohil

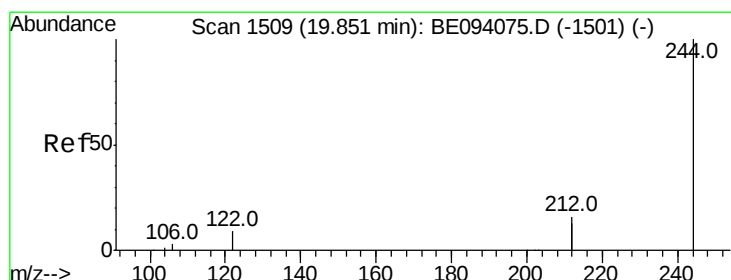
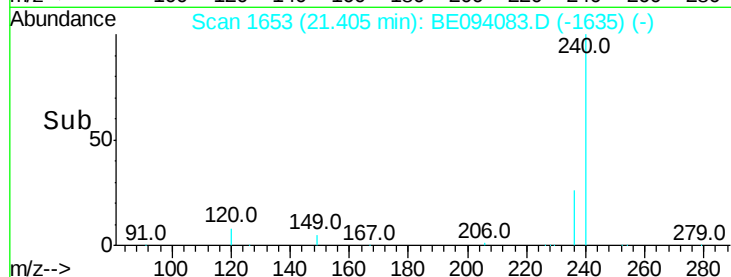
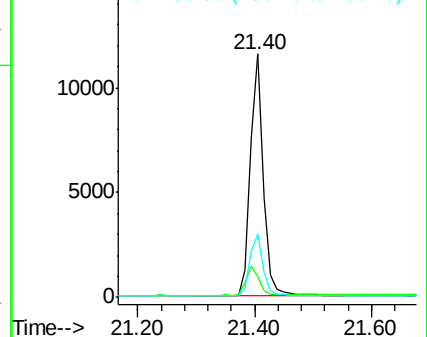
9/25/2017 6:24:33 PM



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



#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.84 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BE094083.D

Acq: 23 Sep 2017 18:15

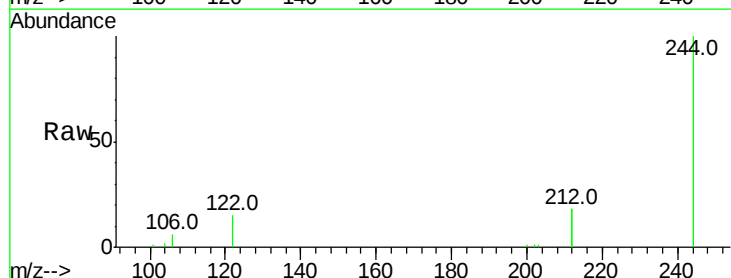
Tgt Ion:244 Resp: 11359

Ion Ratio Lower Upper

244 100

212 36.5 25.4 38.0

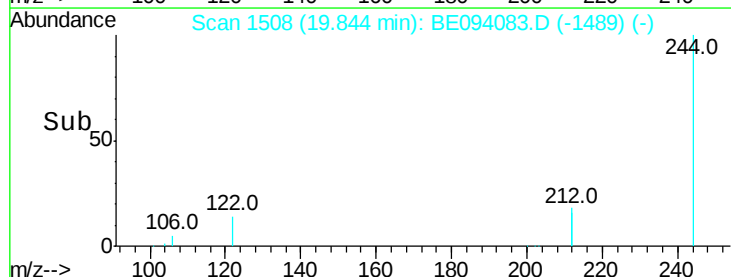
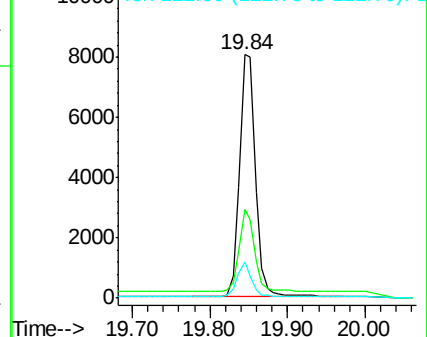
122 14.7 8.1 12.1#

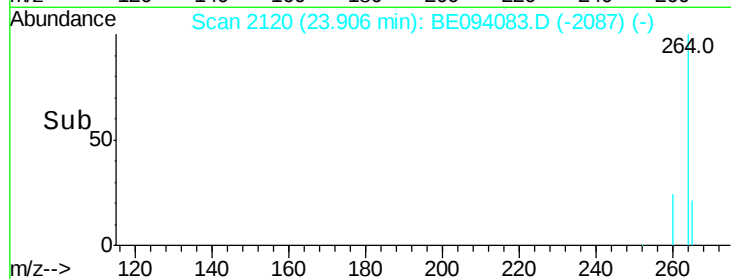
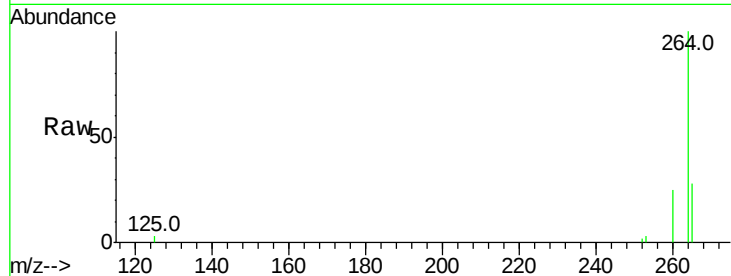
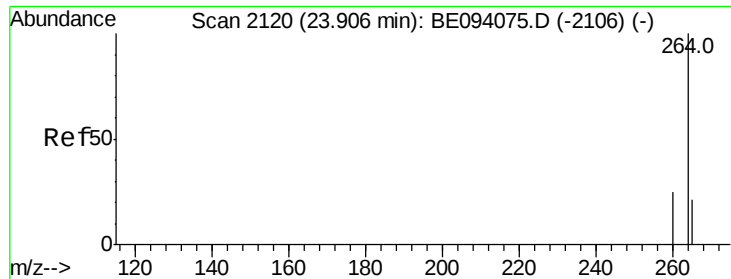


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE094083.D
Acq: 23 Sep 2017 18:15

Tot Ion:	264	Resp:	12910
Ion Ratio	Lower	Upper	
264	100		
260	25.1	20.5	30.7
265	27.6	22.8	34.2

Instrument :
BNA_E
ClientSampleId :
PB102533BL

Manual Integrations
APPROVED

Sohil
9/25/2017 6:24:33 PM

