

Data Path : U:\HPCHEM1\BNA E\DATA\BE012518\
 Data File : BE095114.D
 Acq On : 25 Jan 2018 13:39
 Operator : SJ/JU
 Sample : J1235-01DL 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-3DL

Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:21:57 AM

Quant Time: Jan 25 20:19:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 15:47:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5111	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	13055m	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	7450	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	17484	0.40	ng	0.00
27) Chrysene-d12	21.84	240	16703	0.40	ng	0.00
34) Perylene-d12	24.48	264	15526	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	53	0.01	ng	0.00
5) Phenol-d6	7.58	99	53	0.00	ng	0.00
8) Nitrobenzene-d5	9.63	82	278	0.02	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	99	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	30	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	1150	0.04	ng	0.00
25) Fluoranthene-d10	19.71	212	928	0.00	ng	0.00
29) Terphenyl-d14	20.28	244	7241	0.21	ng	0.00
Target Compounds						
9) Naphthalene	11.34	128	348563	2.333	ng	99
12) 2-Methylnaphthalene	12.91	142	4861	0.190	ng	98
22) Pentachlorophenol	17.39	266	690	0.349	ng	# 71

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

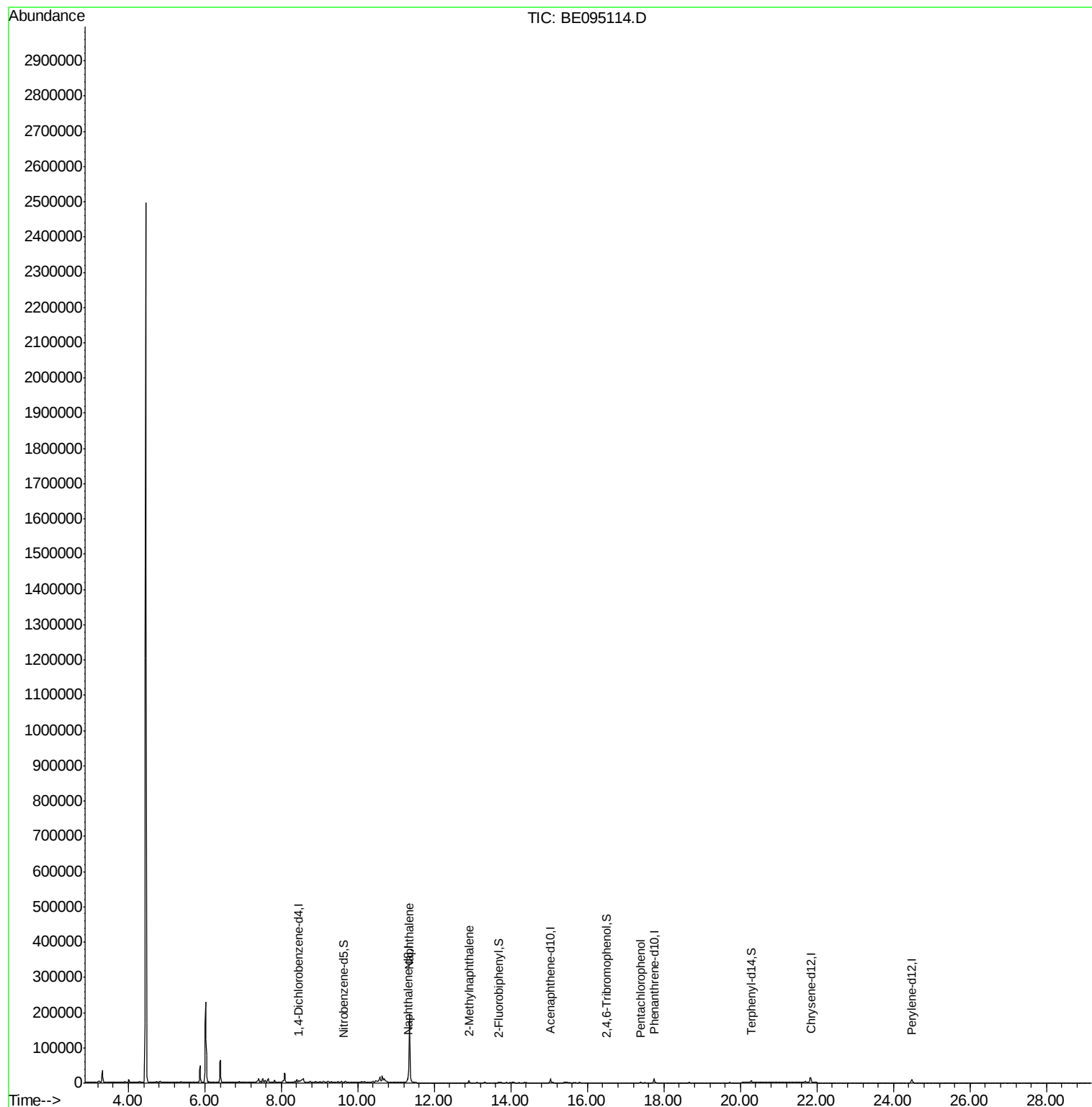
Data Path : U:\HPCHEM1\BNA E\DATA\BE012518\
Data File : BE095114.D
Acq On : 25 Jan 2018 13:39
Operator : SJ/JU
Sample : J1235-01DL 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

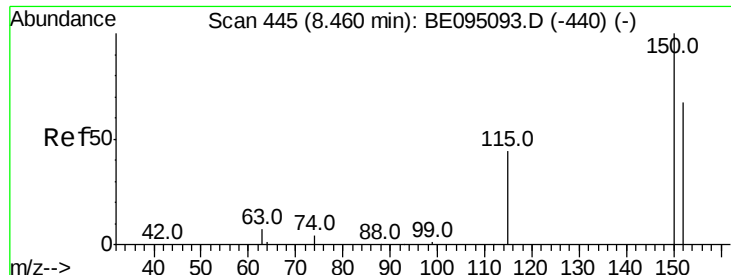
Instrument :
BNA_E
ClientSampleId :
TW-3DL

Manual Integrations
APPROVED

Sohil
1/26/2018 11:21:57 AM

Quant Time: Jan 25 20:19:37 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 15:47:25 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Instrument :

BNA_E

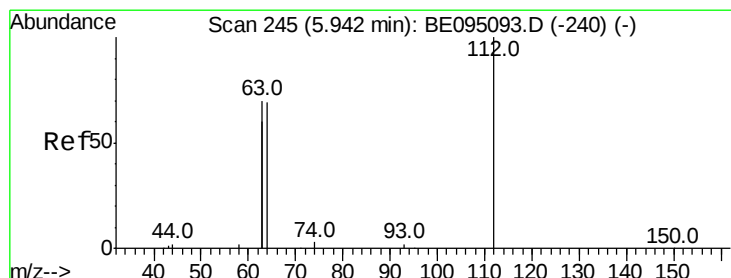
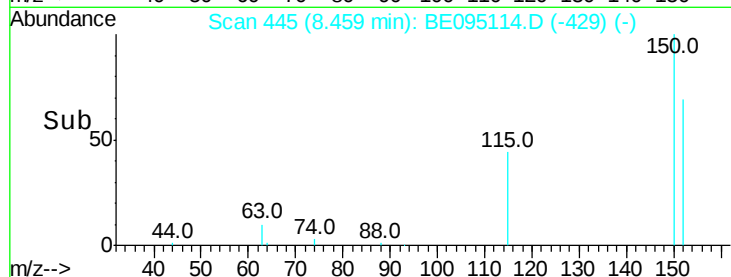
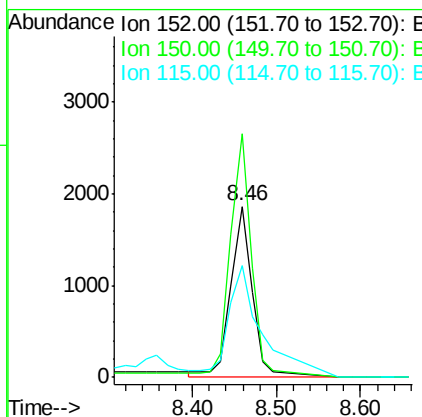
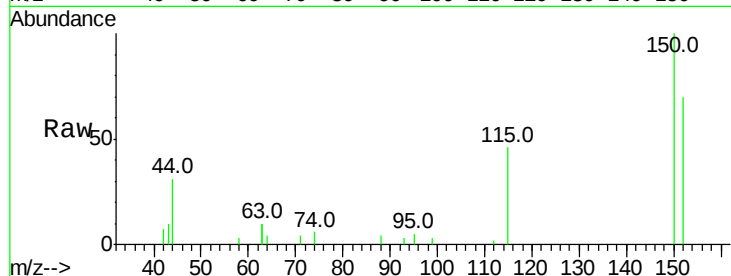
ClientSampleId :

TW-3DL

Tot Ion:	152	Resp:	5111
Ion Ratio	Lower	Upper	
152	100		
150	142.4	117.2	175.8
115	65.3	57.0	85.6

Manual Integrations
APPROVED

Sohil
1/26/2018 11:21:57 AM



#4

2-Fluorophenol

Concen: 0.006 ng

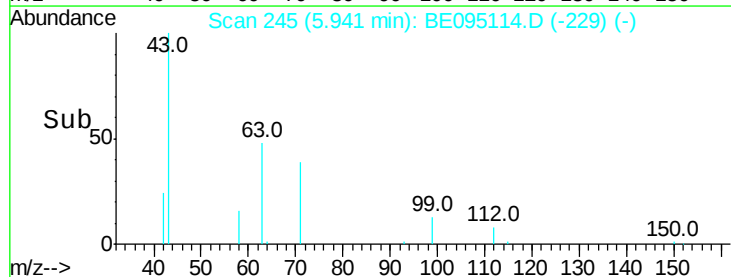
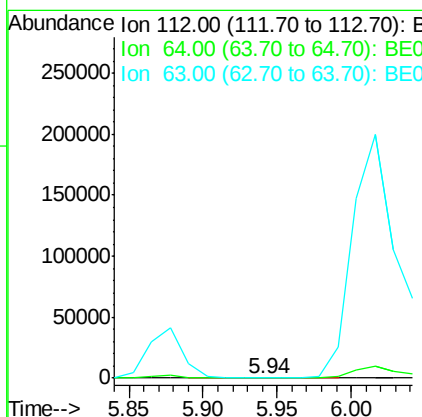
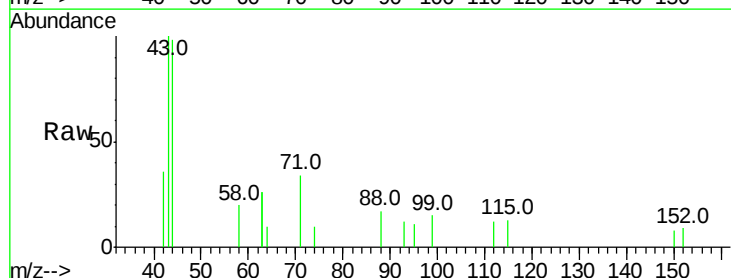
RT: 5.94 min Scan# 245

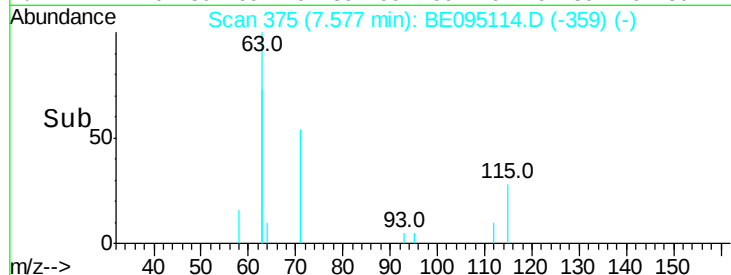
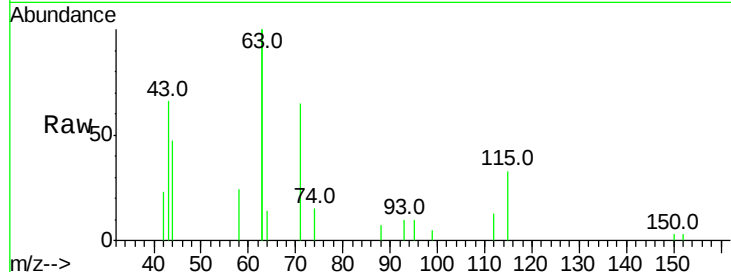
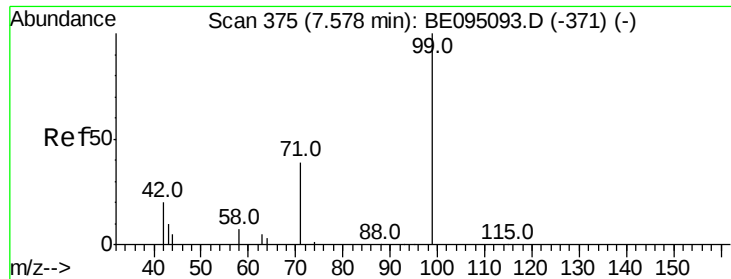
Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Tgt Ion:	112	Resp:	53
Ion Ratio	Lower	Upper	
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#





#5

Phenol-d6

Concen: 0.004 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Tot Ion	Ratio	Lower	Upper
99	100		
42	903.8	20.2	30.2#
71	3426.4	28.4	42.6#

Instrument :

BNA_E

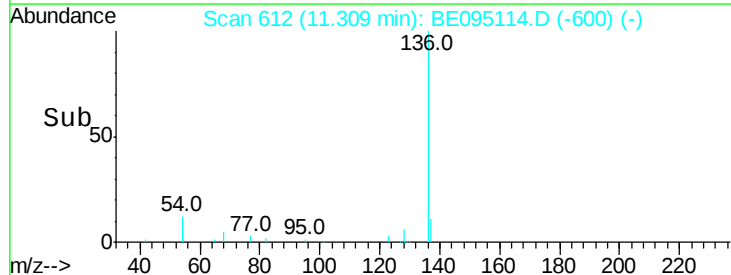
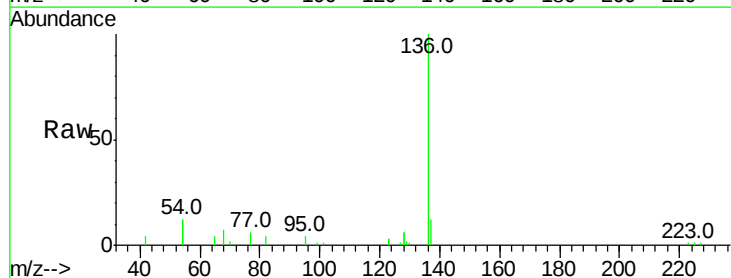
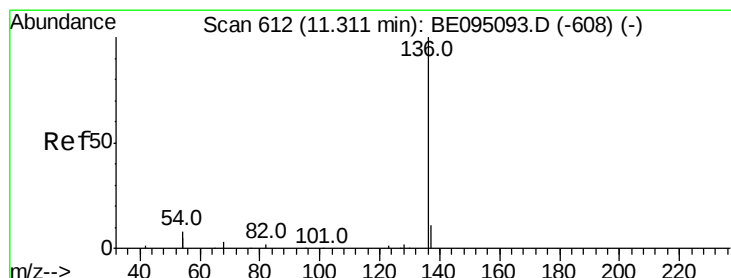
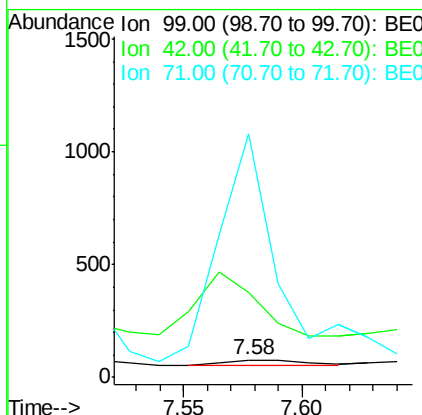
ClientSampled :

TW-3DL

Manual Integrations
APPROVED

Sohil

1/26/2018 11:21:57 AM



#7

Naphthalene-d8

Concen: 0.400 ng m

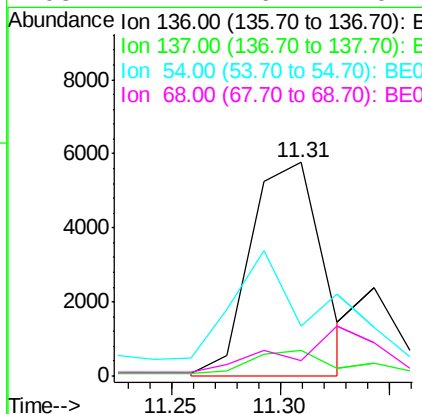
RT: 11.31 min Scan# 612

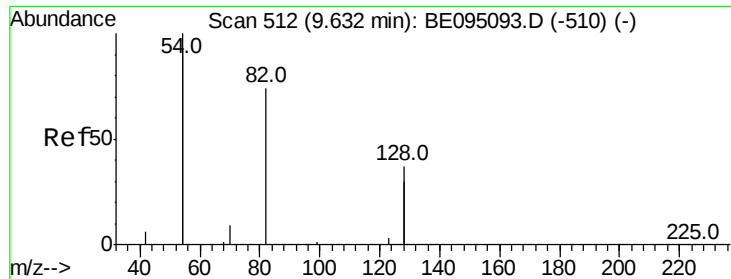
Delta R.T. -0.00 min

Lab File: BE095114.D

Acq: 25 Jan 2018 13:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	11.7	29.1	43.7#
68	7.4	6.2	9.2





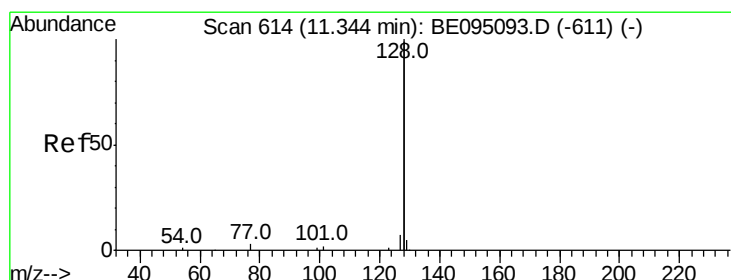
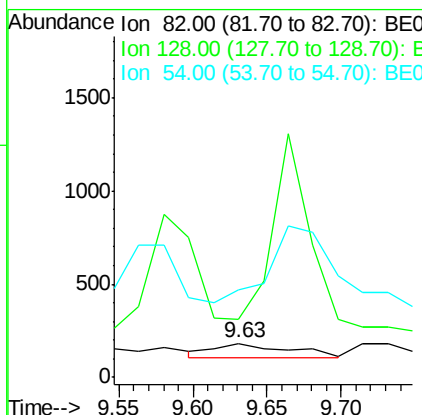
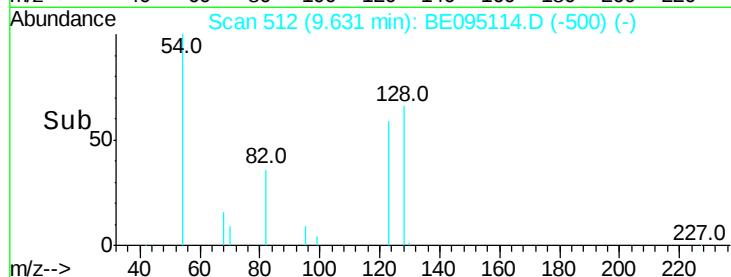
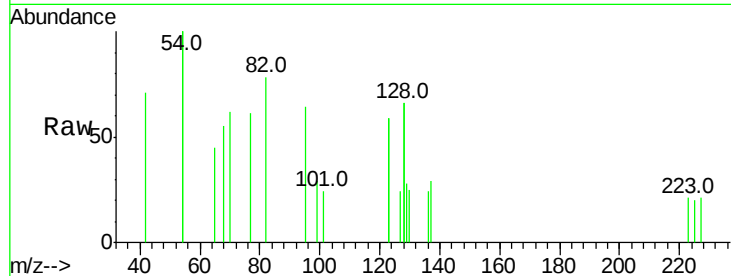
#8
 Nitrobenzene-d5
 Concen: 0.023 ng
 RT: 9.63 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BE095114.D
 Acq: 25 Jan 2018 13:39

Instrument :
 BNA_E
 ClientSampled :
 TW-3DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	170.3	150.0	225.0
54	257.1	154.2	231.4

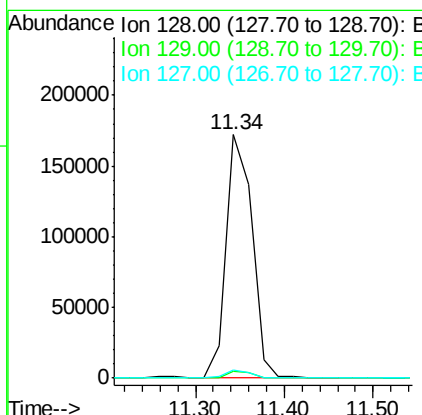
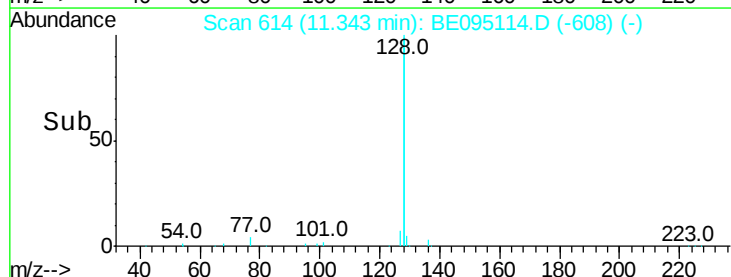
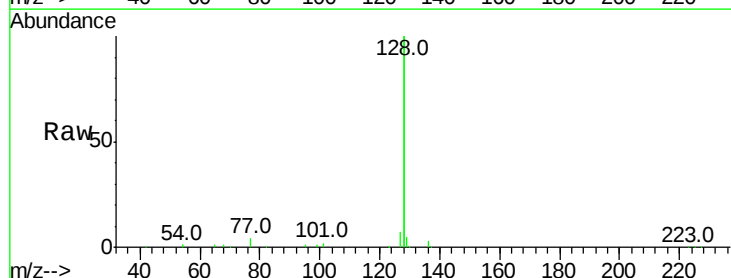
Manual Integrations
 APPROVED

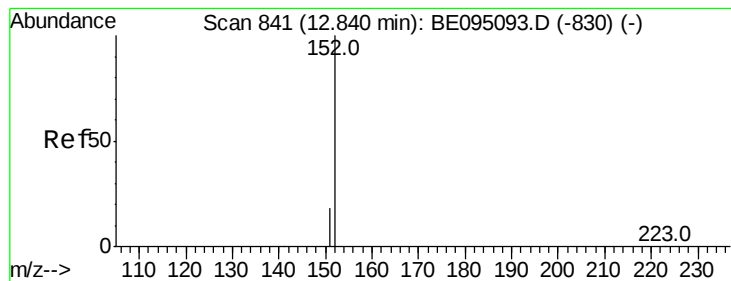
Sohil
 1/26/2018 11:21:57 AM



#9
 Naphthalene
 Concen: 2.333 ng
 RT: 11.34 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BE095114.D
 Acq: 25 Jan 2018 13:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.5	2.8	4.2





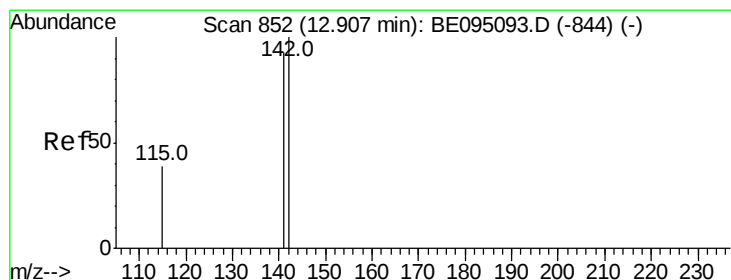
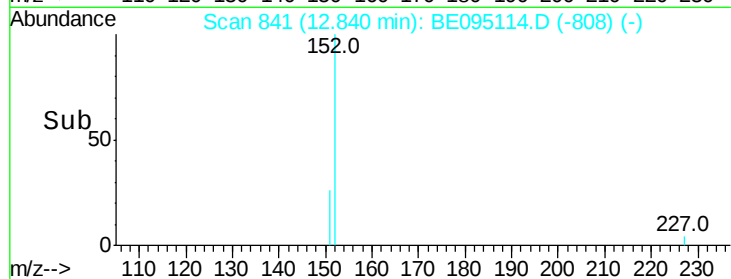
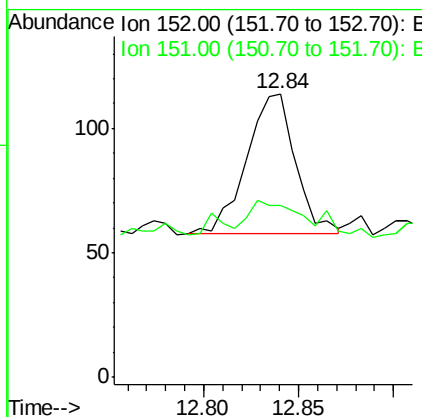
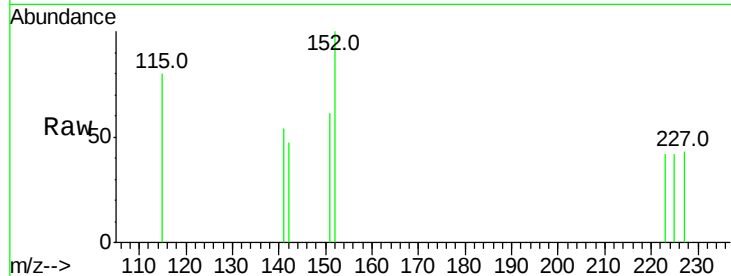
#11
2-Methylnaphthalene-d10
Concen: 0.005 ng
RT: 12.84 min Scan# 841
Delta R.T. 0.00 min
Lab File: BE095114.D
Acq: 25 Jan 2018 13:39

Instrument :
BNA_E
ClientSampleId :
TW-3DL

Tot Ion:152 Resp: 99
Ion Ratio Lower Upper
152 100
151 38.4 15.4 23.0#

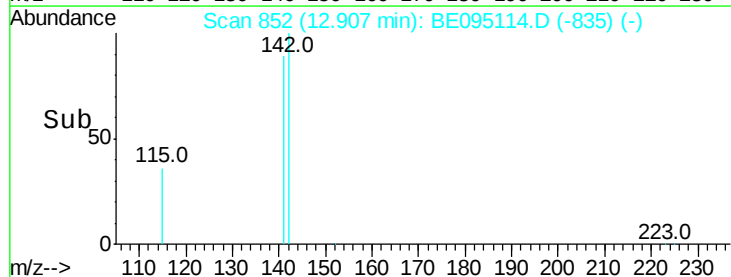
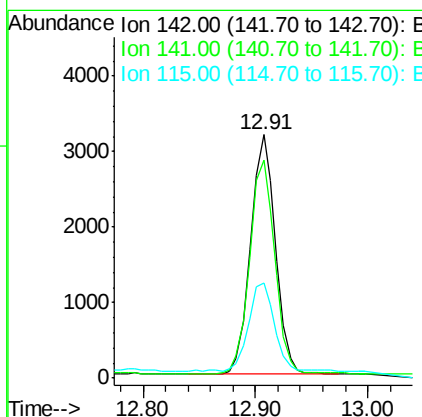
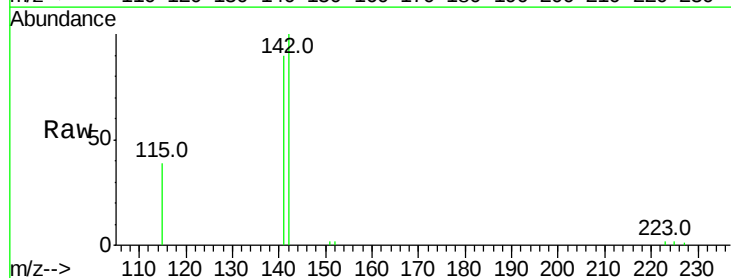
Manual Integrations
APPROVED

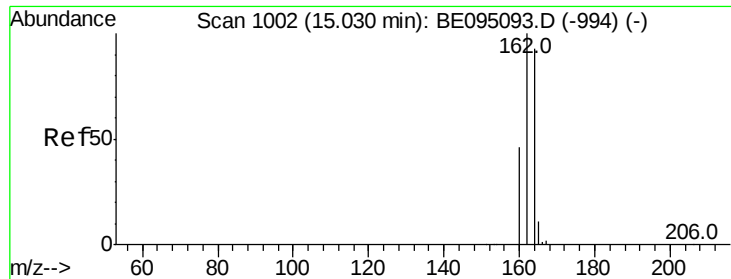
Sohil
1/26/2018 11:21:57 AM



#12
2-Methylnaphthalene
Concen: 0.190 ng
RT: 12.91 min Scan# 852
Delta R.T. 0.00 min
Lab File: BE095114.D
Acq: 25 Jan 2018 13:39

Tgt Ion:142 Resp: 4861
Ion Ratio Lower Upper
142 100
141 89.6 70.4 105.6
115 38.9 31.7 47.5





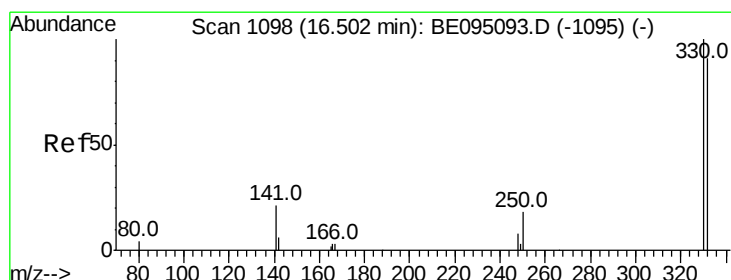
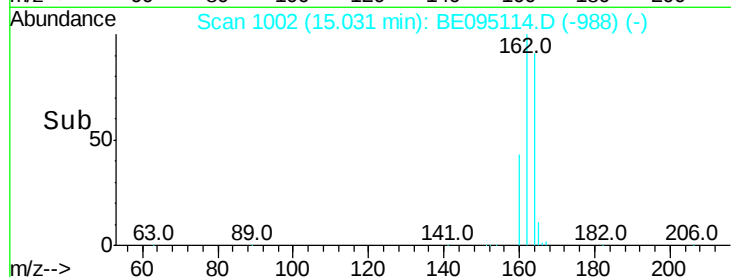
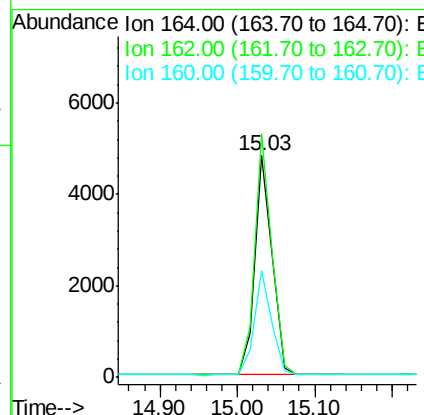
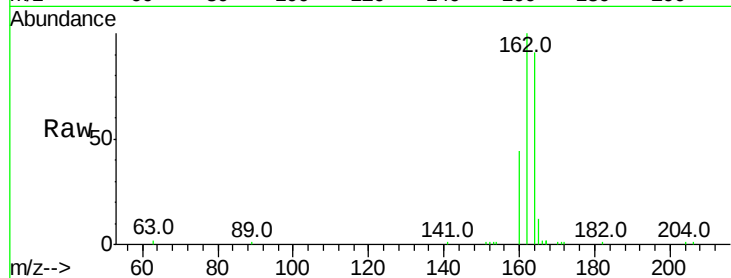
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE095114.D
Acq: 25 Jan 2018 13:39

Instrument :
BNA_E
ClientSampleId :
TW-3DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	110.0	83.1	124.7
160	48.3	37.1	55.7

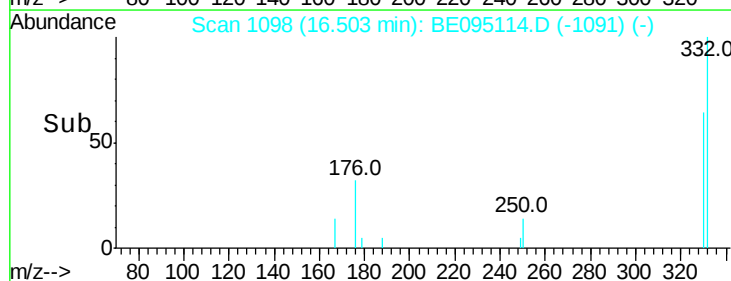
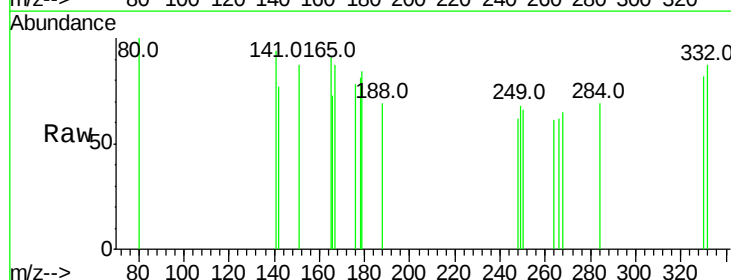
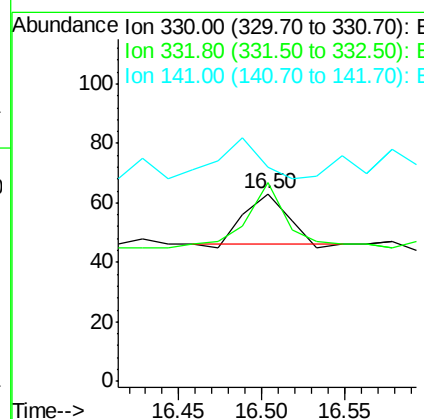
Manual Integrations
APPROVED

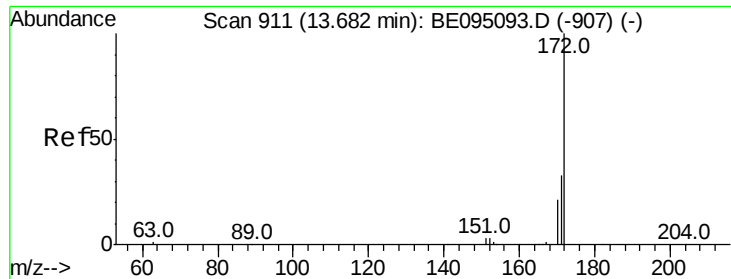
Sohil
1/26/2018 11:21:57 AM



#14
2,4,6-Tribromophenol
Concen: 0.109 ng
RT: 16.50 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BE095114.D
Acq: 25 Jan 2018 13:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	130.0	152.7	229.1#
141	80.0	33.7	50.5#





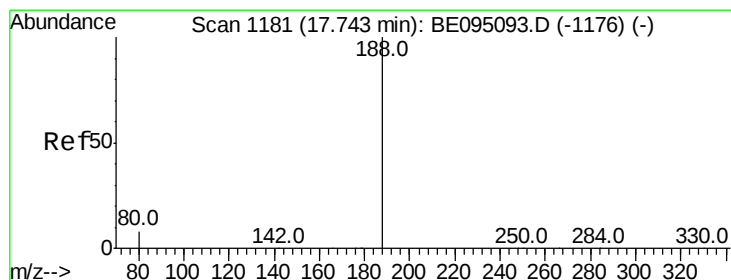
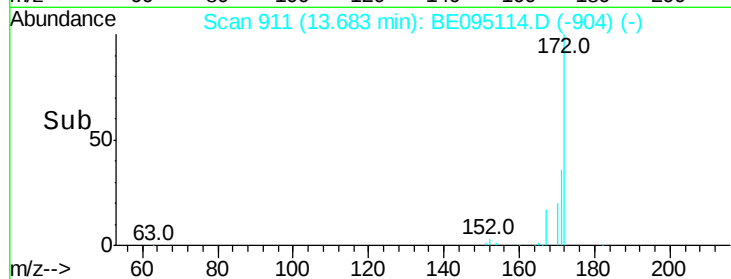
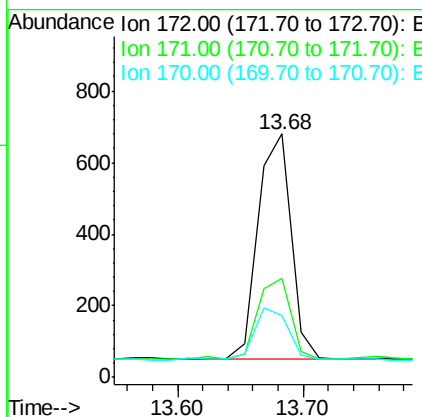
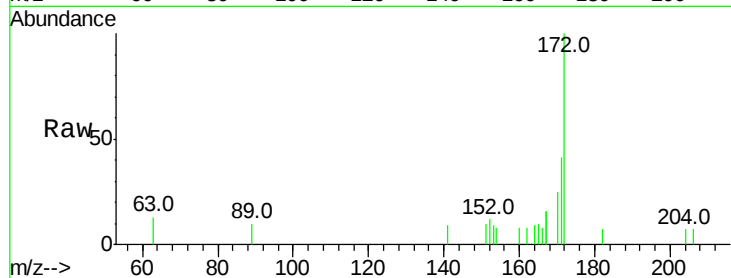
#15
2-Fluorobiphenyl
Concen: 0.035 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095114.D
Acq: 25 Jan 2018 13:39

Instrument :
BNA_E
ClientSampleId :
TW-3DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.6	29.9	44.9
170	25.3	21.8	32.8

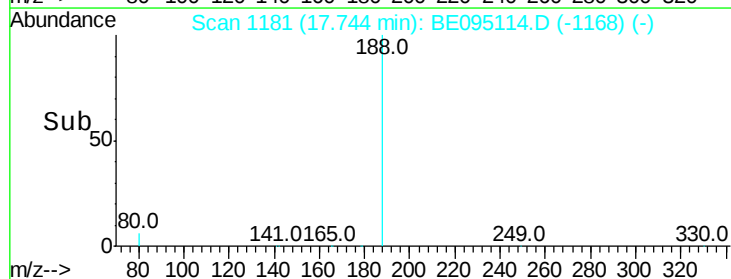
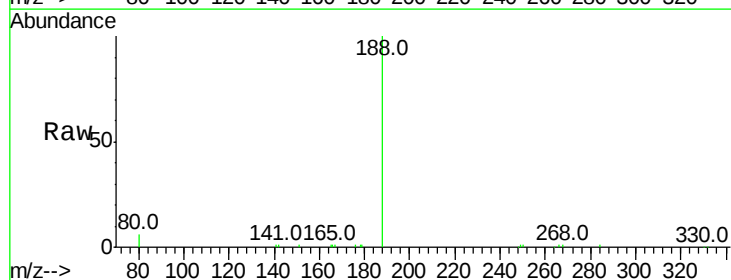
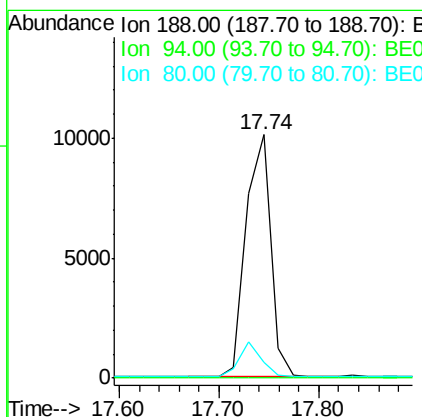
Manual Integrations
APPROVED

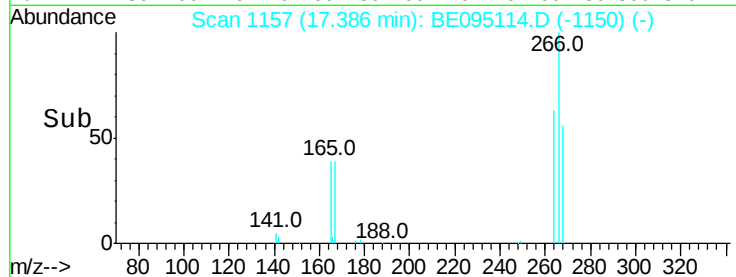
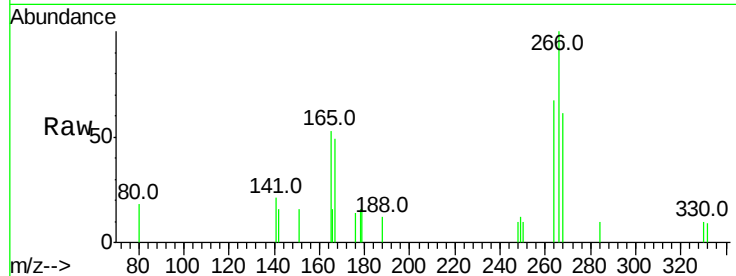
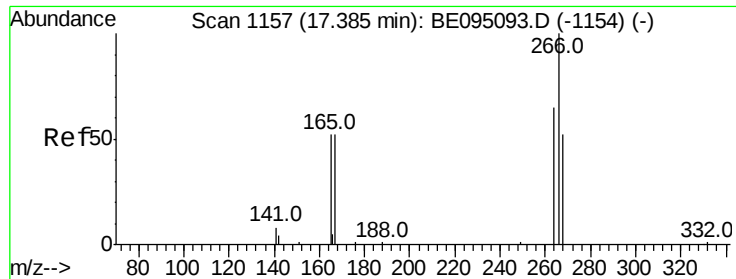
Sohil
1/26/2018 11:21:57 AM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE095114.D
Acq: 25 Jan 2018 13:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	6.5	3.6	5.4#





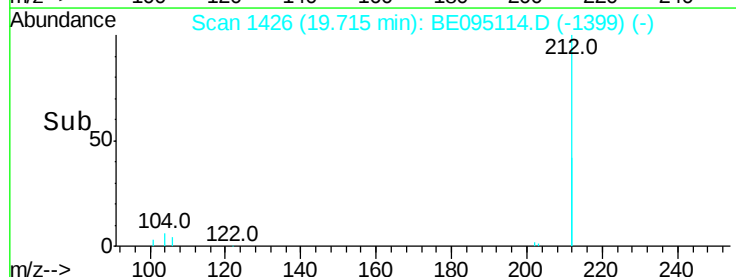
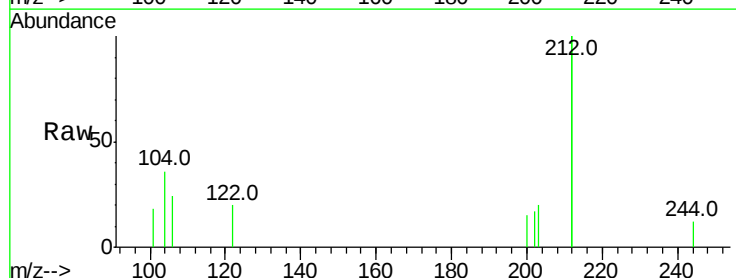
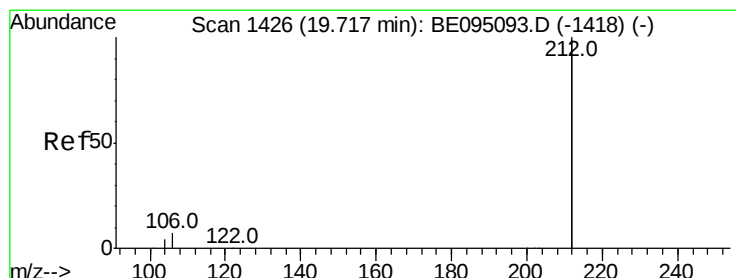
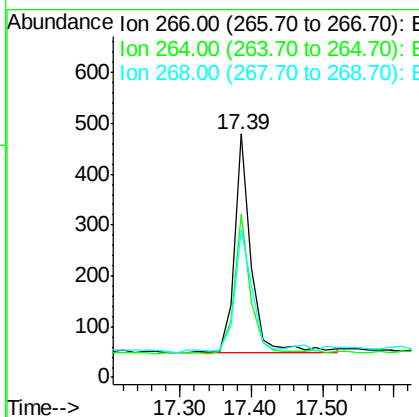
#22
 Pentachlorophenol
 Concen: 0.349 ng
 RT: 17.39 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BE095114.D
 Acq: 25 Jan 2018 13:39

Instrument :
 BNA_E
 ClientSampleId :
 TW-3DL

Tot Ion	Ratio	Lower	Upper
266	100		
264	66.8	72.5	108.7#
268	60.5	73.8	110.6#

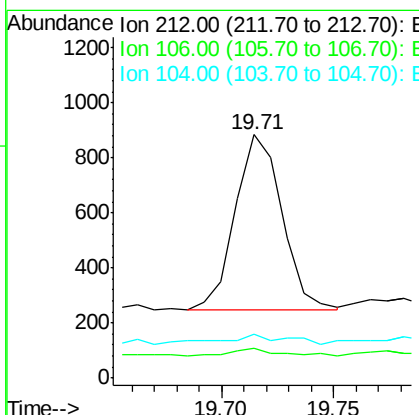
Manual Integrations
 APPROVED

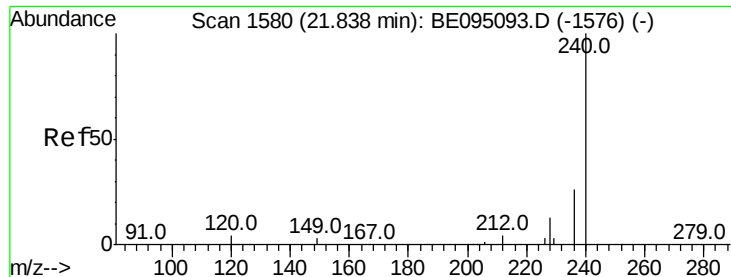
Sohil
 1/26/2018 11:21:57 AM



#25
 Fluoranthene-d10
 Concen: 0.004 ng
 RT: 19.71 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BE095114.D
 Acq: 25 Jan 2018 13:39

Tgt Ion	Ratio	Lower	Upper
212	100		
106	4.7	2.8	4.2#
104	8.6	1.6	2.4#





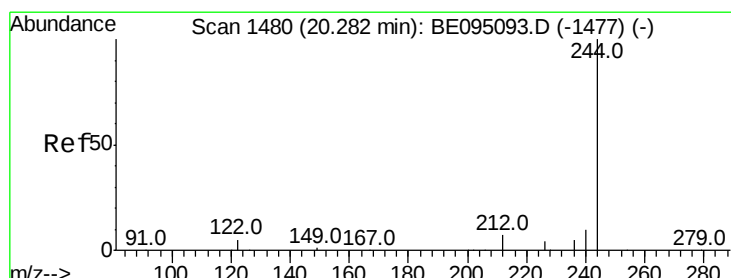
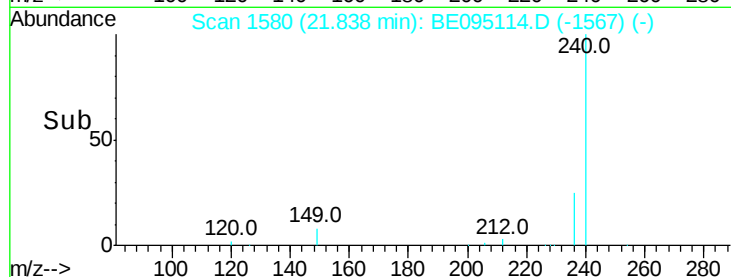
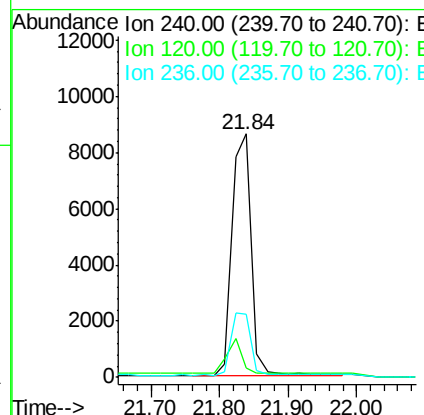
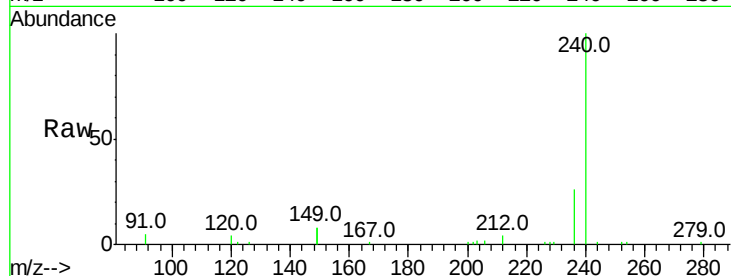
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095114.D
Acq: 25 Jan 2018 13:39

Instrument :
BNA_E
ClientSampled :
TW-3DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.8	5.5	8.3#
236	25.9	20.7	31.1

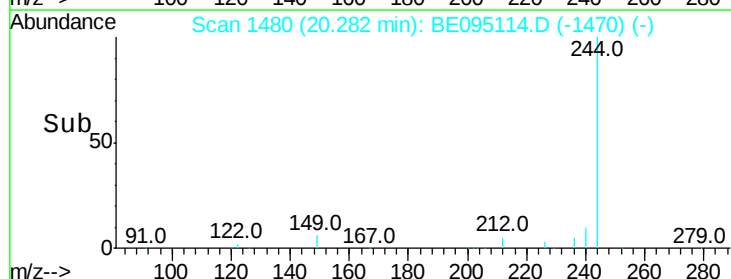
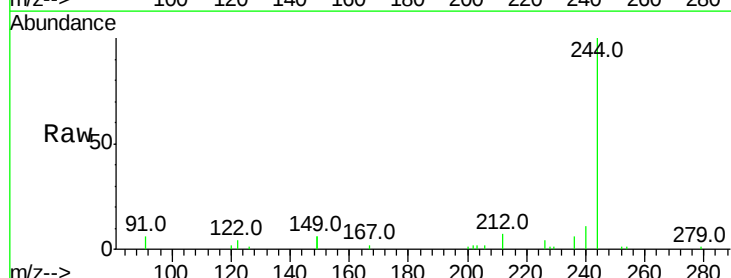
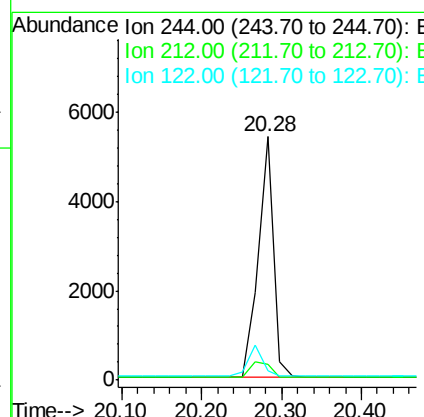
Manual Integrations
APPROVED

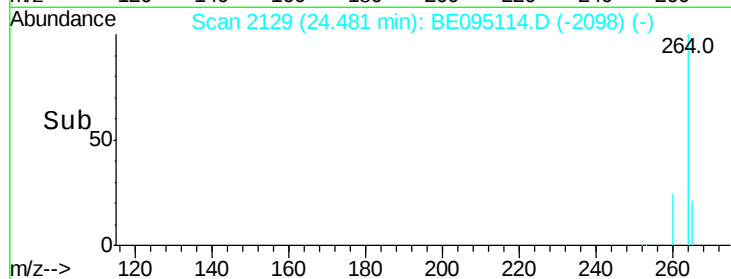
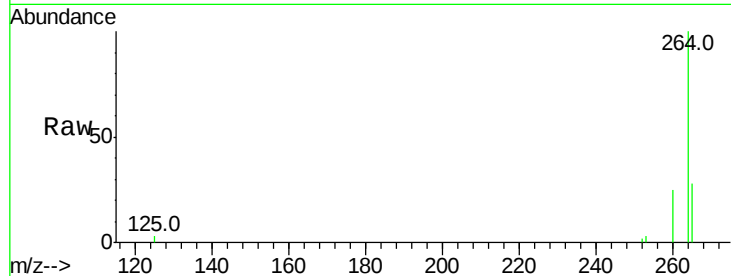
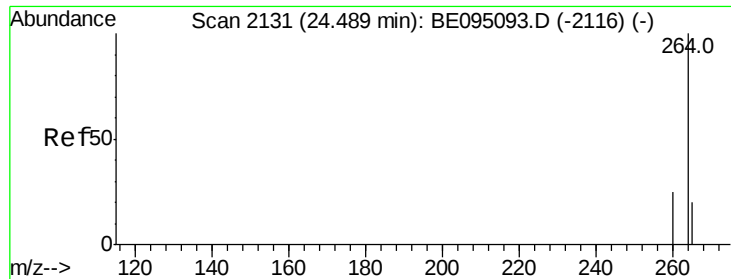
Sohil
1/26/2018 11:21:57 AM



#29
Terphenyl-d14
Concen: 0.212 ng
RT: 20.28 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE095114.D
Acq: 25 Jan 2018 13:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	25.4	38.0#
122	3.9	8.1	12.1#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.48 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BE095114.D
 Acq: 25 Jan 2018 13:39

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	27.9	22.8	34.2

Instrument :
 BNA_E
 ClientSampleId :
 TW-3DL

Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:21:57 AM

