

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099025.D
 Acq On : 19 Mar 2019 6:40
 Operator : JU/SJ
 Sample : K1945-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-UV(PRE)

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:26:17 PM

Quant Time: Mar 19 09:09:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	782	0.40	ng	0.02
7) Naphthalene-d8	10.60	136	3648	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2591	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6095	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7543	0.40	ng	0.00
34) Perylene-d12	23.90	264	6901	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	329	0.14	ng	0.03
5) Phenol-d6	7.06	99	236m	0.07	ng	0.07
8) Nitrobenzene-d5	9.03	82	1128	0.29	ng	0.06
11) 2-Methylnaphthalene-d10	12.21	152	2652	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	445	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	6801	0.63	ng	0.00
25) Fluoranthene-d10	19.24	212	39240	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9062	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	9157	7.502	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	8826	0.176	ng	100

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

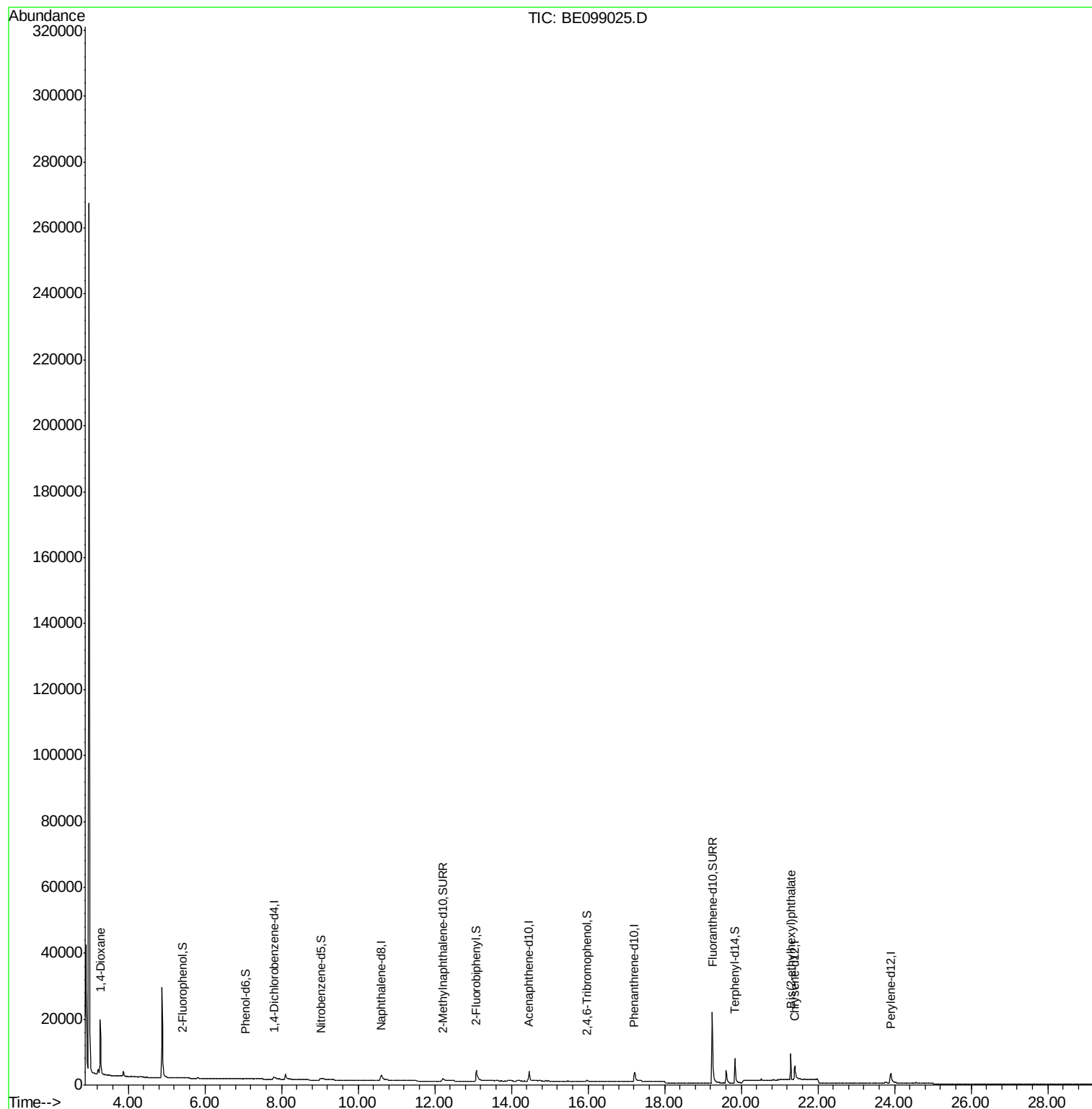
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
Data File : BE099025.D
Acq On : 19 Mar 2019 6:40
Operator : JU/SJ
Sample : K1945-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

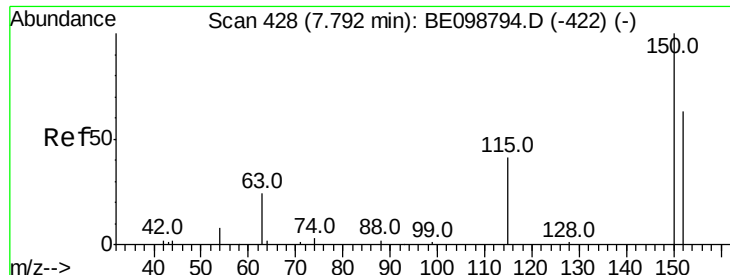
Instrument :
BNA_E
ClientSampleId :
M4-T1-UV(PRE)

Manual Integrations
APPROVED

Sohil
3/19/2019 5:26:17 PM

Quant Time: Mar 19 09:09:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration





#1

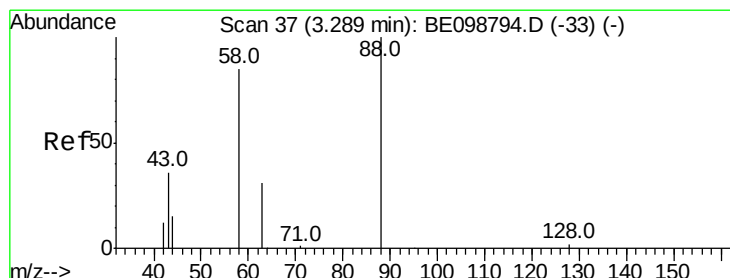
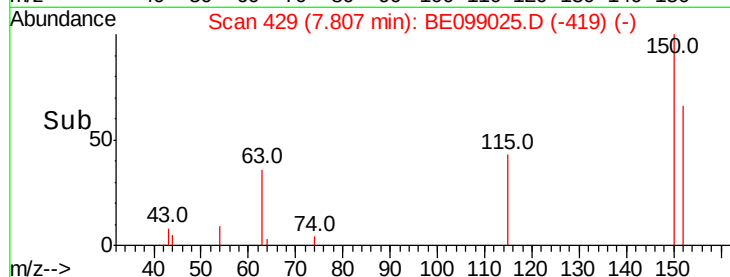
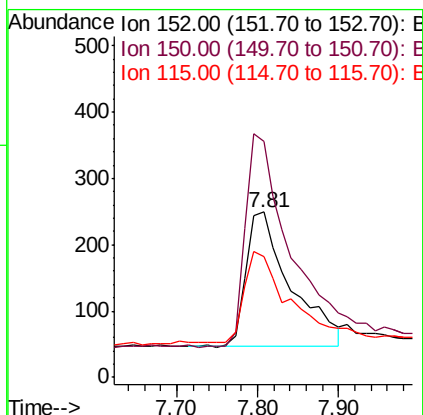
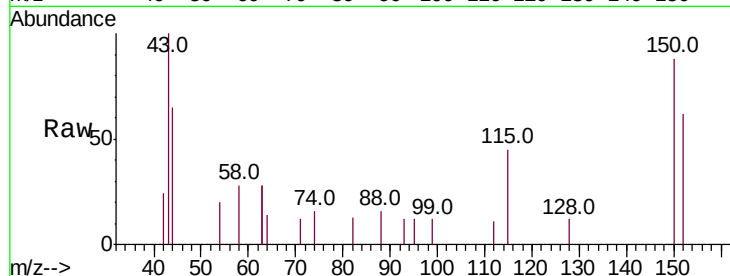
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE099025.D
Acq: 19 Mar 2019 6:40

Instrument :
BNA_E
ClientSampleId :
M4-T1-UV(PRE)

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	122.5	183.7
115	73.5	57.4	86.2

Manual Integrations
APPROVED

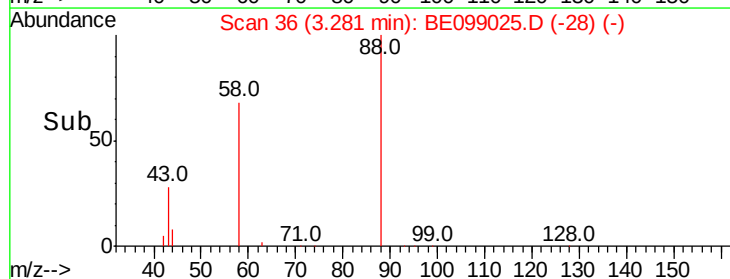
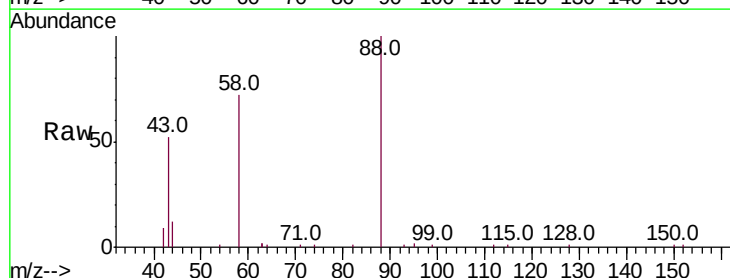
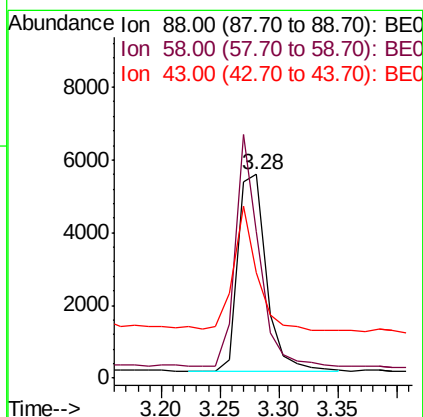
Sohil
3/19/2019 5:26:17 PM

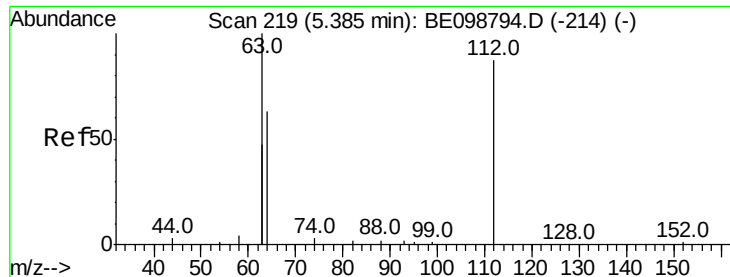


#2

1,4-Dioxane
Concen: 7.502 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099025.D
Acq: 19 Mar 2019 6:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.9	75.8	113.6
43	51.3	41.8	62.8





#4

2-Fluorophenol

Concen: 0.141 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE099025.D

Acq: 19 Mar 2019 6:40

Instrument :

BNA_E

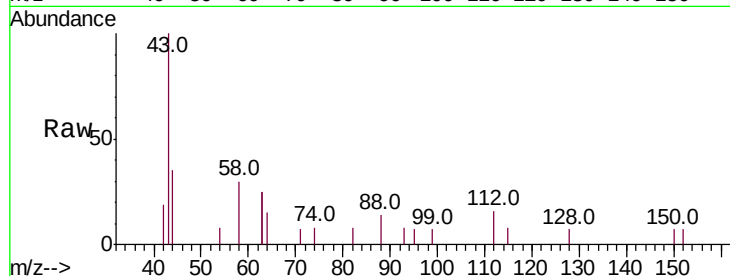
ClientSampleId :

M4-T1-UV(PRE)

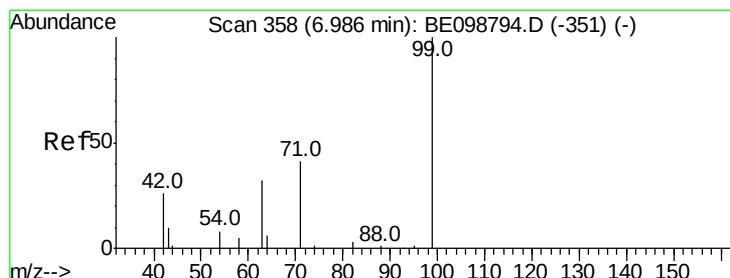
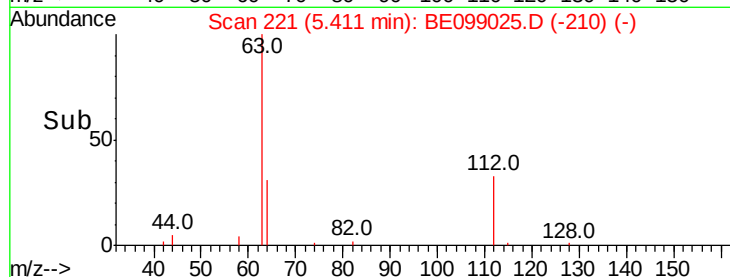
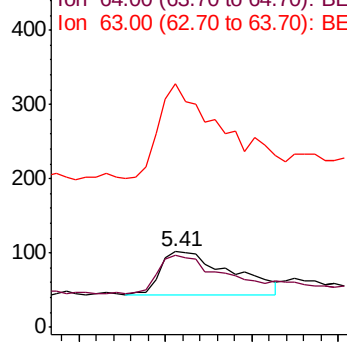
Tot Ion:	112	Resp:	329
Ion Ratio	Lower	Upper	
112	100		
64	78.4	57.9	86.9
63	207.9	158.3	237.5

Manual Integrations
APPROVED

Sohil
3/19/2019 5:26:17 PM



Abundance Ion 112.00 (111.70 to 112.70): BE099025.D (-210) (-)



#5

Phenol-d6

Concen: 0.071 ng m

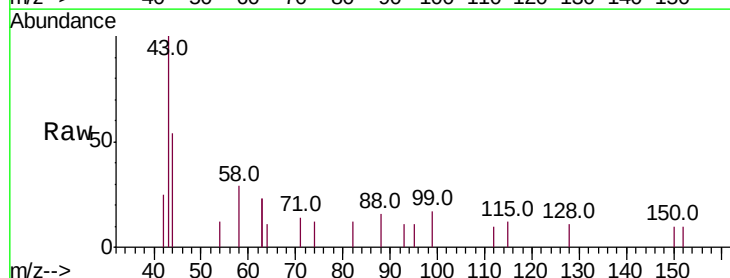
RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

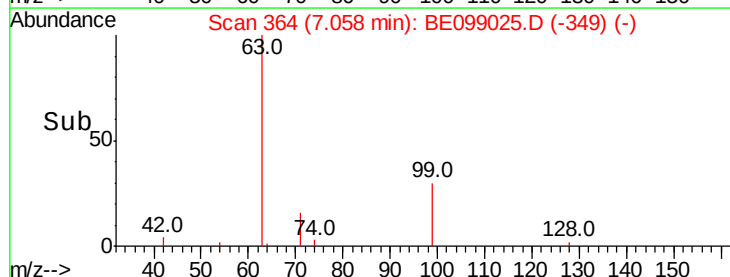
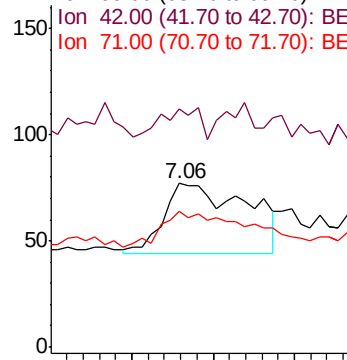
Lab File: BE099025.D

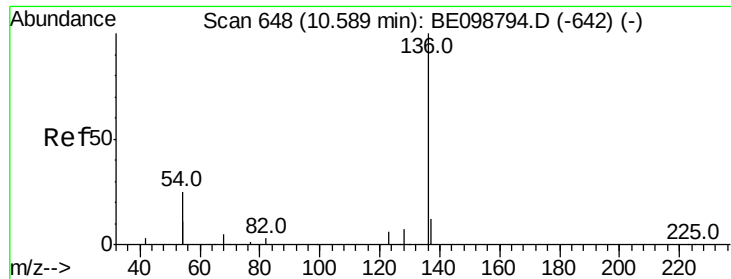
Acq: 19 Mar 2019 6:40

Tgt Ion:	99	Resp:	236
Ion Ratio	Lower	Upper	
99	100		
42	0.0	24.2	36.2#
71	54.7	35.7	53.5#



Abundance Ion 99.00 (98.70 to 99.70): BE099025.D (-349) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099025.D

Acq: 19 Mar 2019 6:40

Instrument :

BNA_E

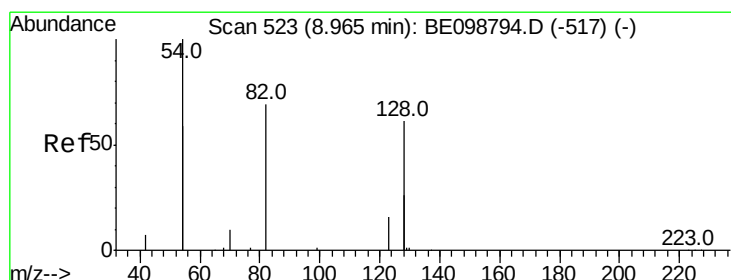
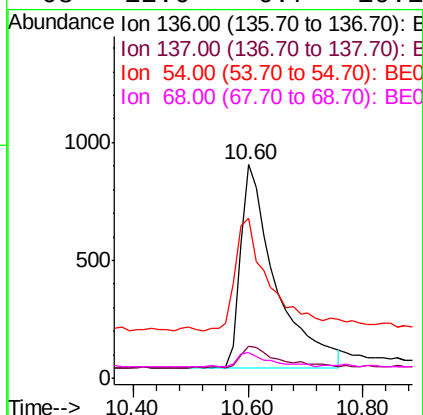
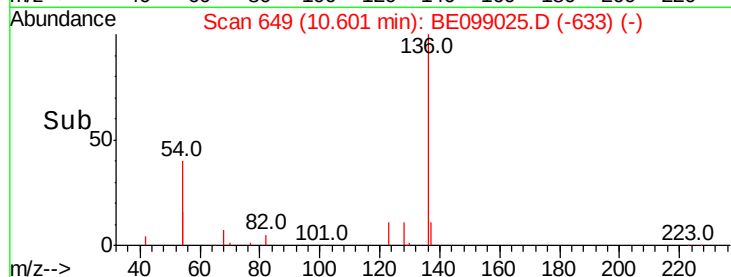
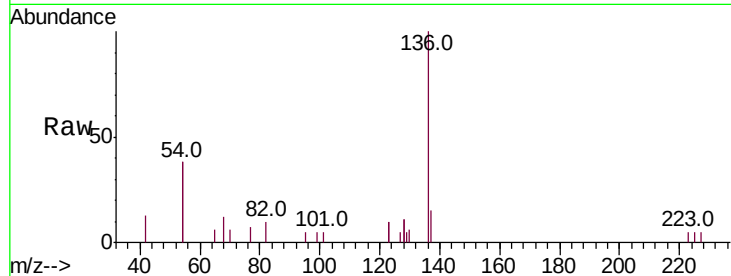
ClientSampleId :

M4-T1-UV(PRE)

Tot Ion	Ratio	Lower	Upper
136	100		
137	15.1	11.4	17.0
54	75.1	39.3	58.9#
68	12.0	6.7	10.1#

Manual Integrations
APPROVED

Sohil
3/19/2019 5:26:17 PM



#8

Nitrobenzene-d5

Concen: 0.295 ng

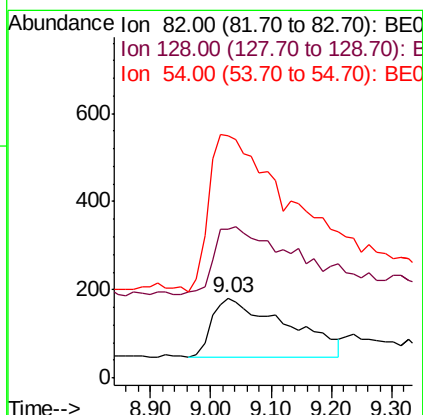
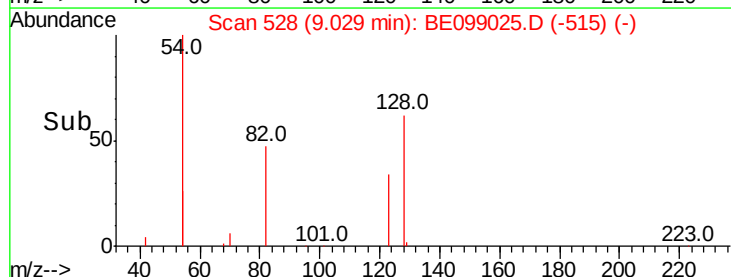
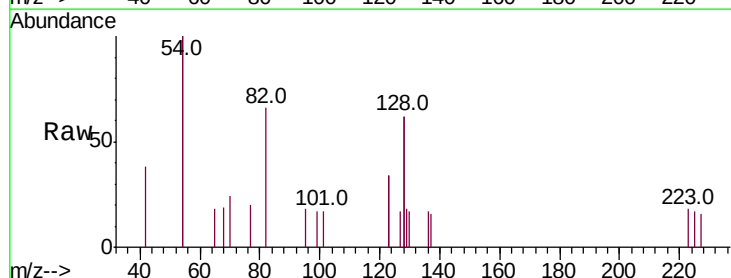
RT: 9.03 min Scan# 528

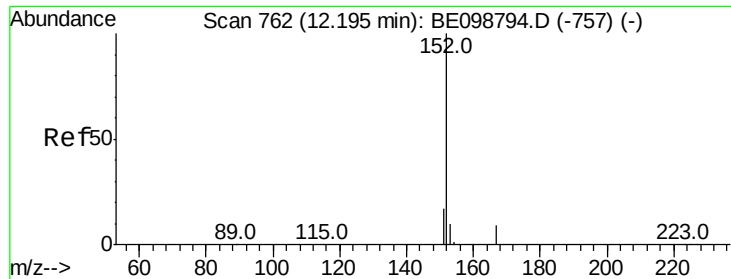
Delta R.T. 0.06 min

Lab File: BE099025.D

Acq: 19 Mar 2019 6:40

Tgt Ion	Ratio	Lower	Upper
82	100		
128	186.7	123.8	185.8#
54	302.8	203.4	305.2





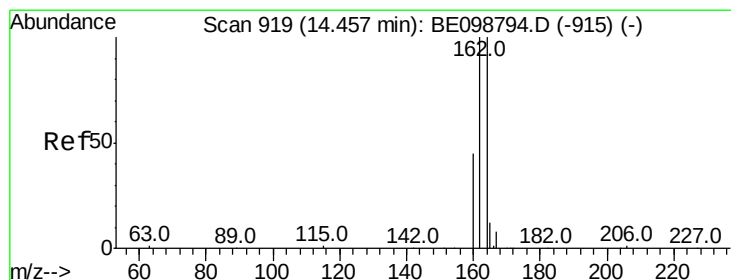
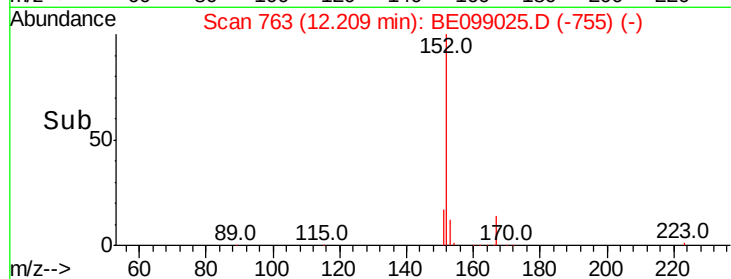
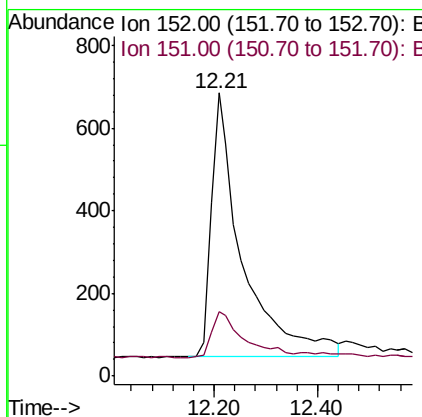
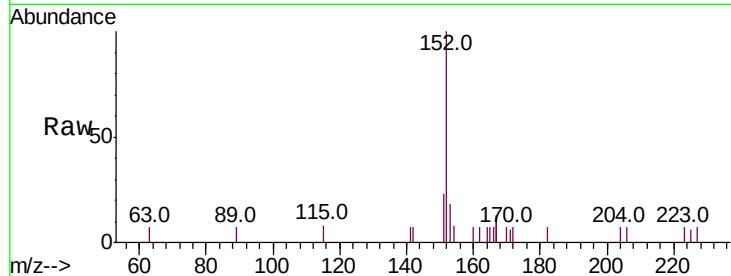
#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE099025.D
 Acq: 19 Mar 2019 6:40

Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-UV(PRE)

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.5	24.7

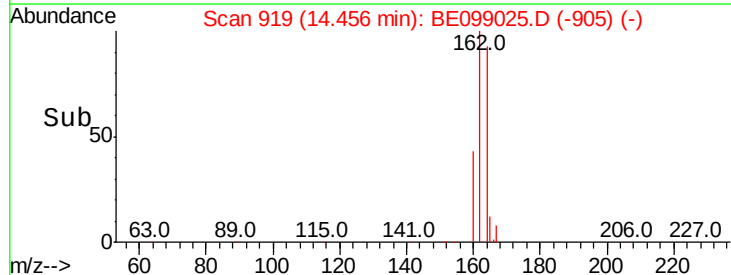
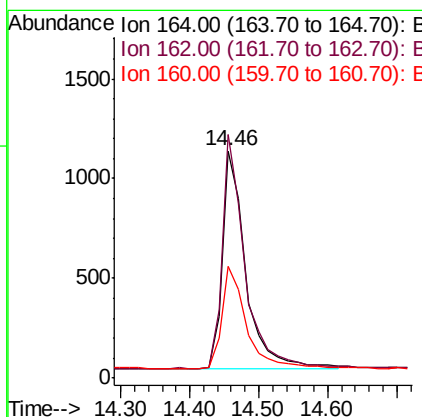
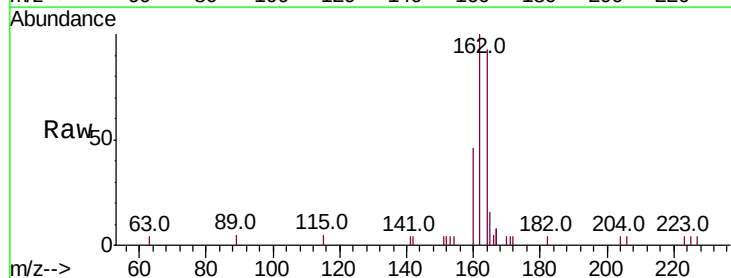
Manual Integrations
 APPROVED

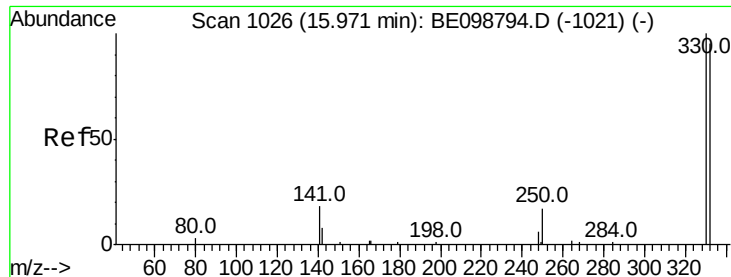
Sohil
 3/19/2019 5:26:17 PM



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099025.D
 Acq: 19 Mar 2019 6:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	80.2	120.2
160	49.4	37.8	56.8





#14

2,4,6-Tribromophenol

Concen: 0.340 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099025.D

Acq: 19 Mar 2019 6:40

Instrument :

BNA_E

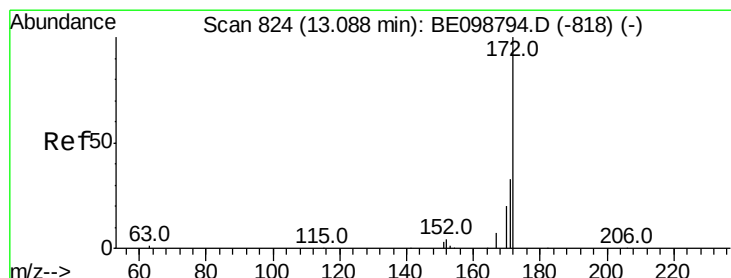
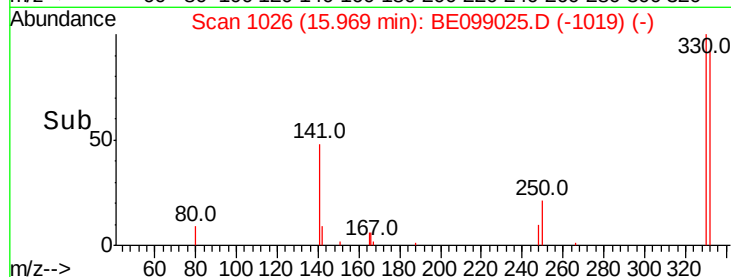
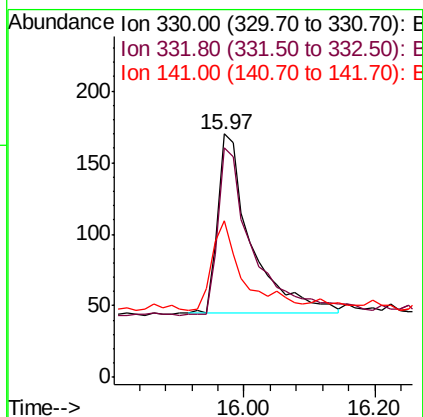
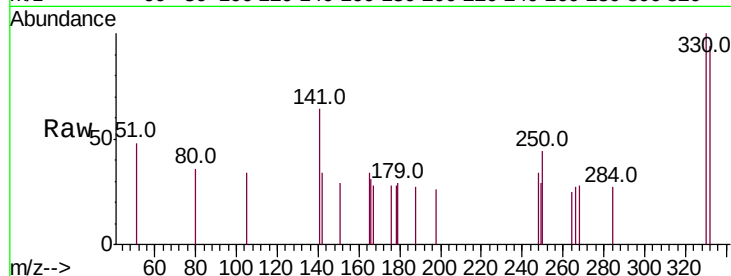
ClientSampleId :

M4-T1-UV(PRE)

Tot Ion:	330	Resp:	445
Ion Ratio	Lower	Upper	
330	100		
332	104.9	77.6	116.4
141	46.1	31.0	46.4

Manual Integrations
APPROVED

Sohil
3/19/2019 5:26:17 PM



#15

2-Fluorobiphenyl

Concen: 0.634 ng

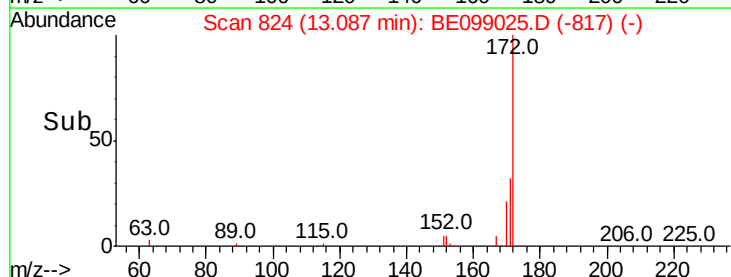
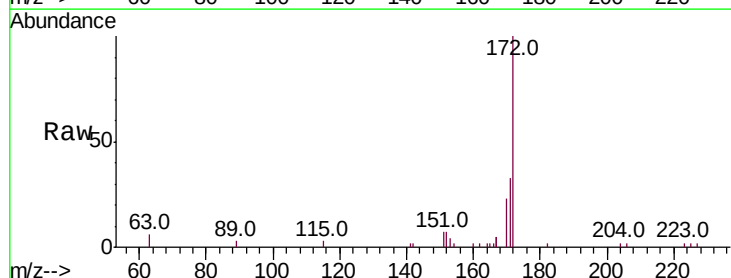
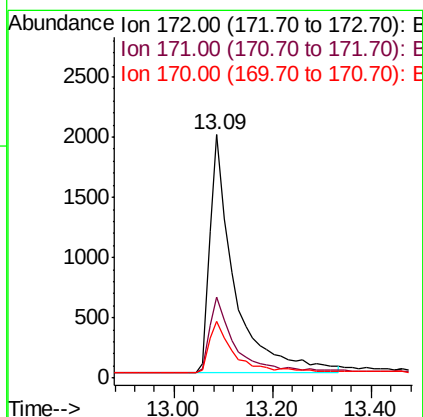
RT: 13.09 min Scan# 824

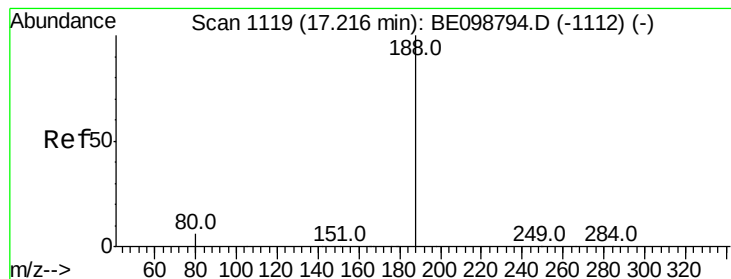
Delta R.T. -0.00 min

Lab File: BE099025.D

Acq: 19 Mar 2019 6:40

Tgt Ion:	172	Resp:	6801
Ion Ratio	Lower	Upper	
172	100		
171	33.4	28.0	42.0
170	23.1	17.7	26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099025.D

Acq: 19 Mar 2019 6:40

Instrument :

BNA_E

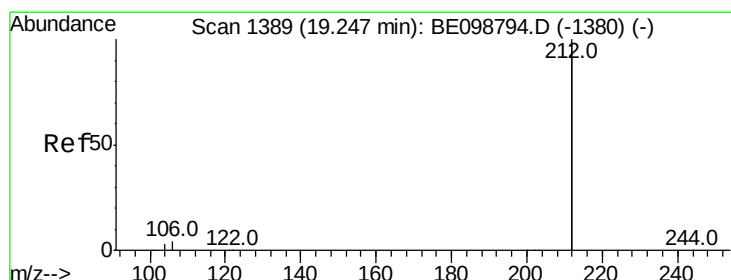
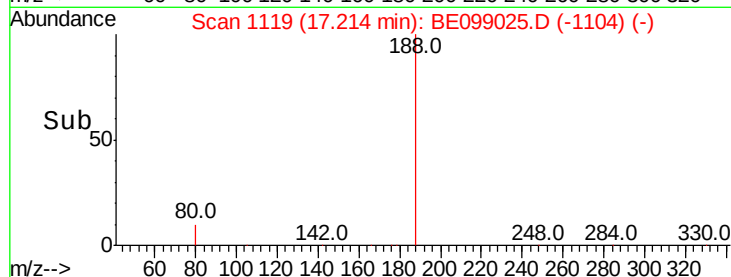
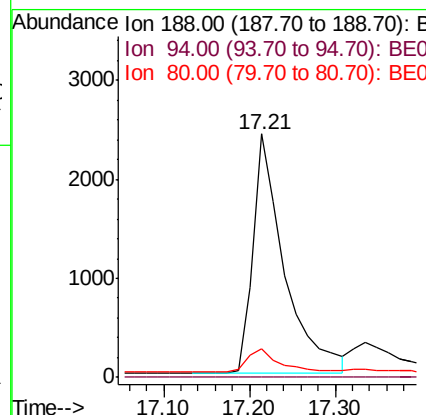
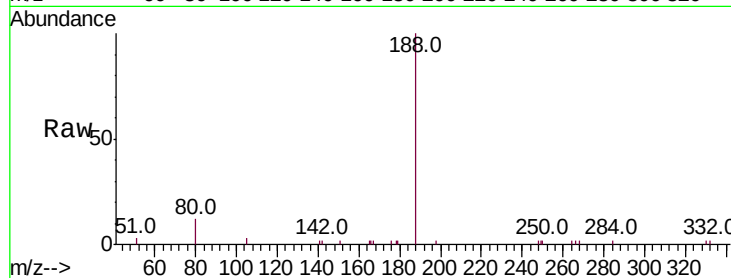
ClientSampleId :

M4-T1-UV(PRE)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	6095		
94	0.0	0.0	0.0	
80	11.5	6.3	9.5#	

Manual Integrations
APPROVED

Sohil
3/19/2019 5:26:17 PM



#25

Fluoranthene-d10

Concen: 0.403 ng

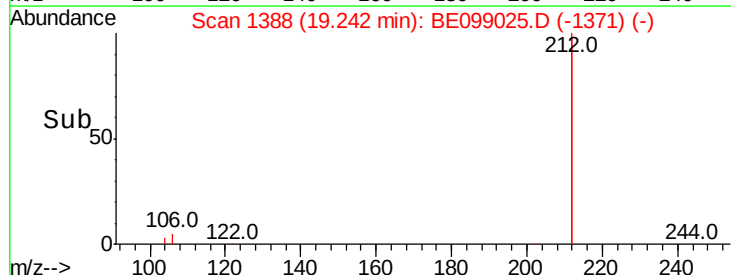
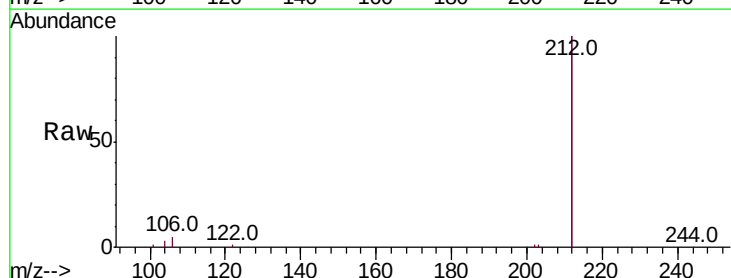
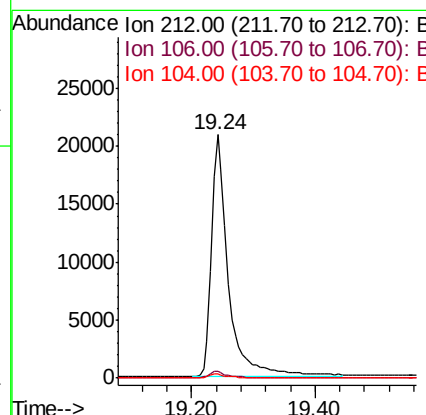
RT: 19.24 min Scan# 1388

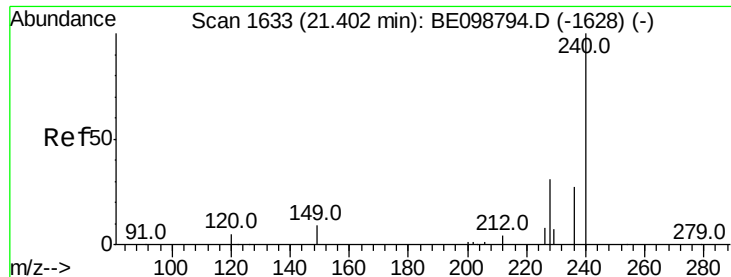
Delta R.T. -0.00 min

Lab File: BE099025.D

Acq: 19 Mar 2019 6:40

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	39240		
106	2.5	1.8	2.8	
104	1.4	1.0	1.6	





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099025.D

Acq: 19 Mar 2019 6:40

Instrument :

BNA_E

ClientSampleId :

M4-T1-UV(PRE)

Tot Ion:240 Resp: 7543

Ion Ratio Lower Upper

240 100

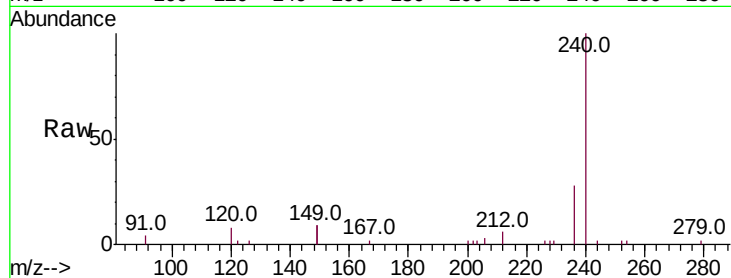
120 8.2 5.0 7.4#

236 27.7 22.7 34.1

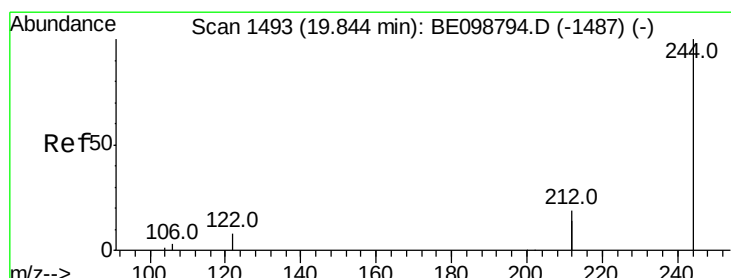
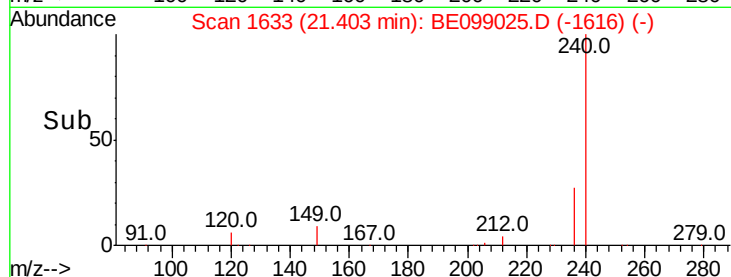
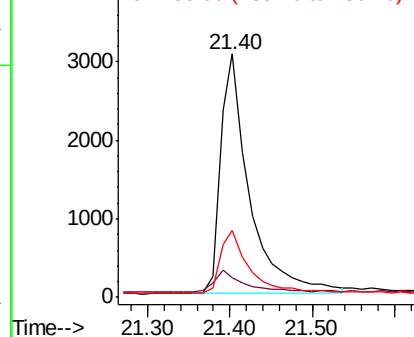
Manual Integrations
APPROVED

Sohil

3/19/2019 5:26:17 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: 0.494 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE099025.D

Acq: 19 Mar 2019 6:40

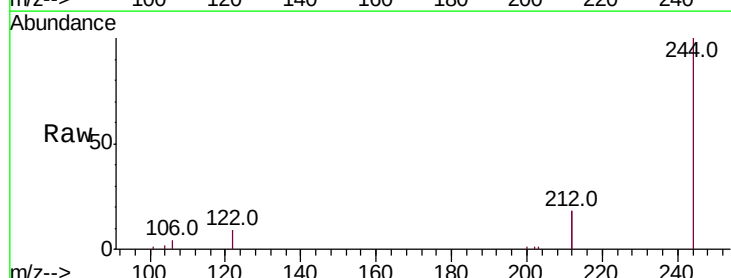
Tgt Ion:244 Resp: 9062

Ion Ratio Lower Upper

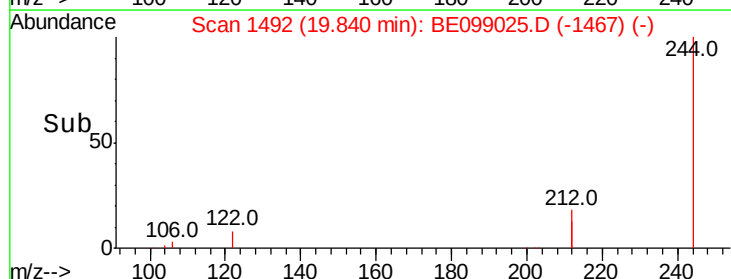
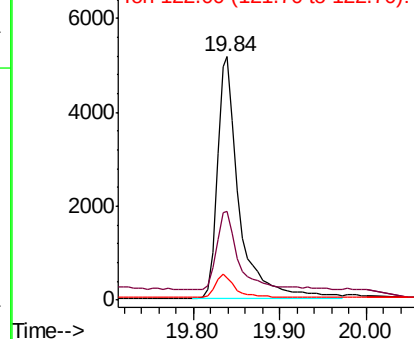
244 100

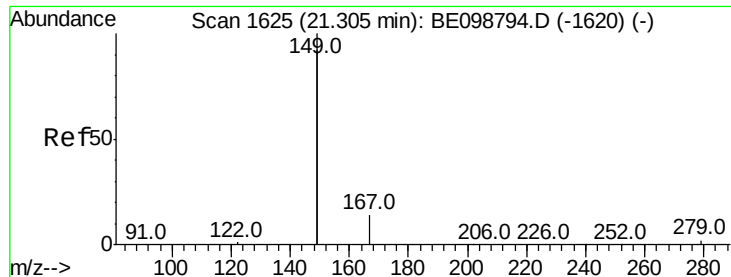
212 36.3 29.4 44.2

122 8.9 7.1 10.7



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





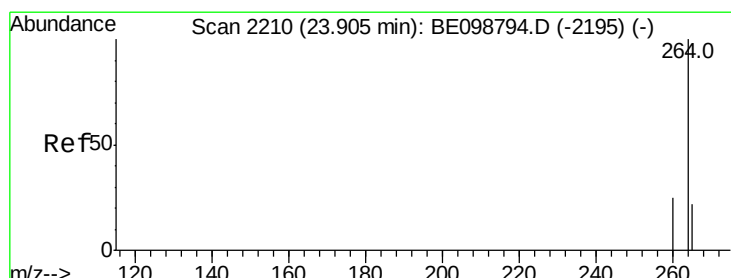
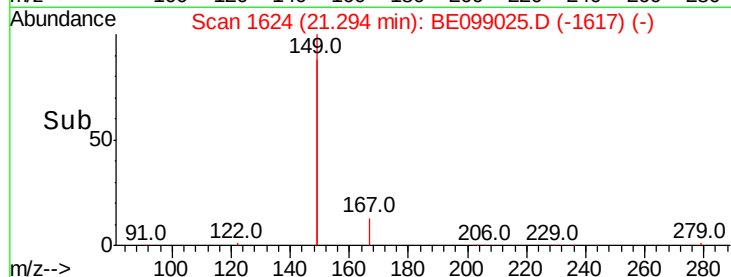
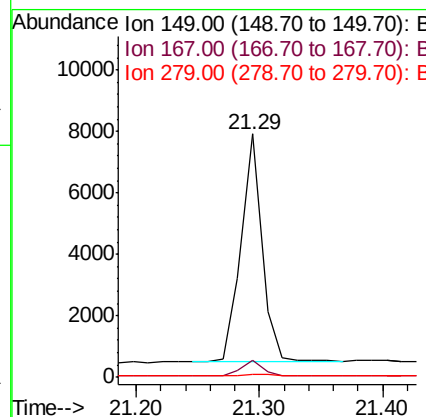
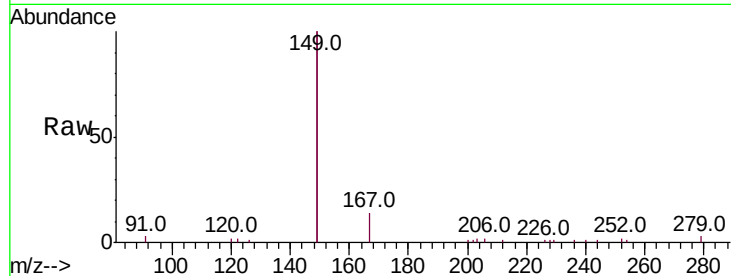
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.176 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099025.D
 Acq: 19 Mar 2019 6:40

Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-UV(PRE)

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.1	1.0	1.4

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:26:17 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE099025.D
 Acq: 19 Mar 2019 6:40

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	25.8	21.2	31.8
265	29.3	24.6	36.8

