

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098422.D
 Acq On : 14 Dec 2018 6:39
 Operator : SJ/JU
 Sample : J6335-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20181208

Manual Integrations
 APPROVED

Sohil
 12/14/2018 11:28:07 AM

Quant Time: Dec 14 08:10:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	904	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	4163	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	3104	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	7592	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8406	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8200	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	491	0.23	ng	0.00
5) Phenol-d6	7.03	99	392	0.13	ng	-0.01
8) Nitrobenzene-d5	9.02	82	1410m	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2854	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	950	0.83	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	4786	0.37	ng	-0.01
25) Fluoranthene-d10	19.30	212	44257	0.45	ng	-0.01
29) Terphenyl-d14	19.89	244	8064	0.39	ng	-0.01
Target Compounds						
9) Naphthalene	10.71	128	1863	0.044	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.35	149	5155	0.106	ng	# 95

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

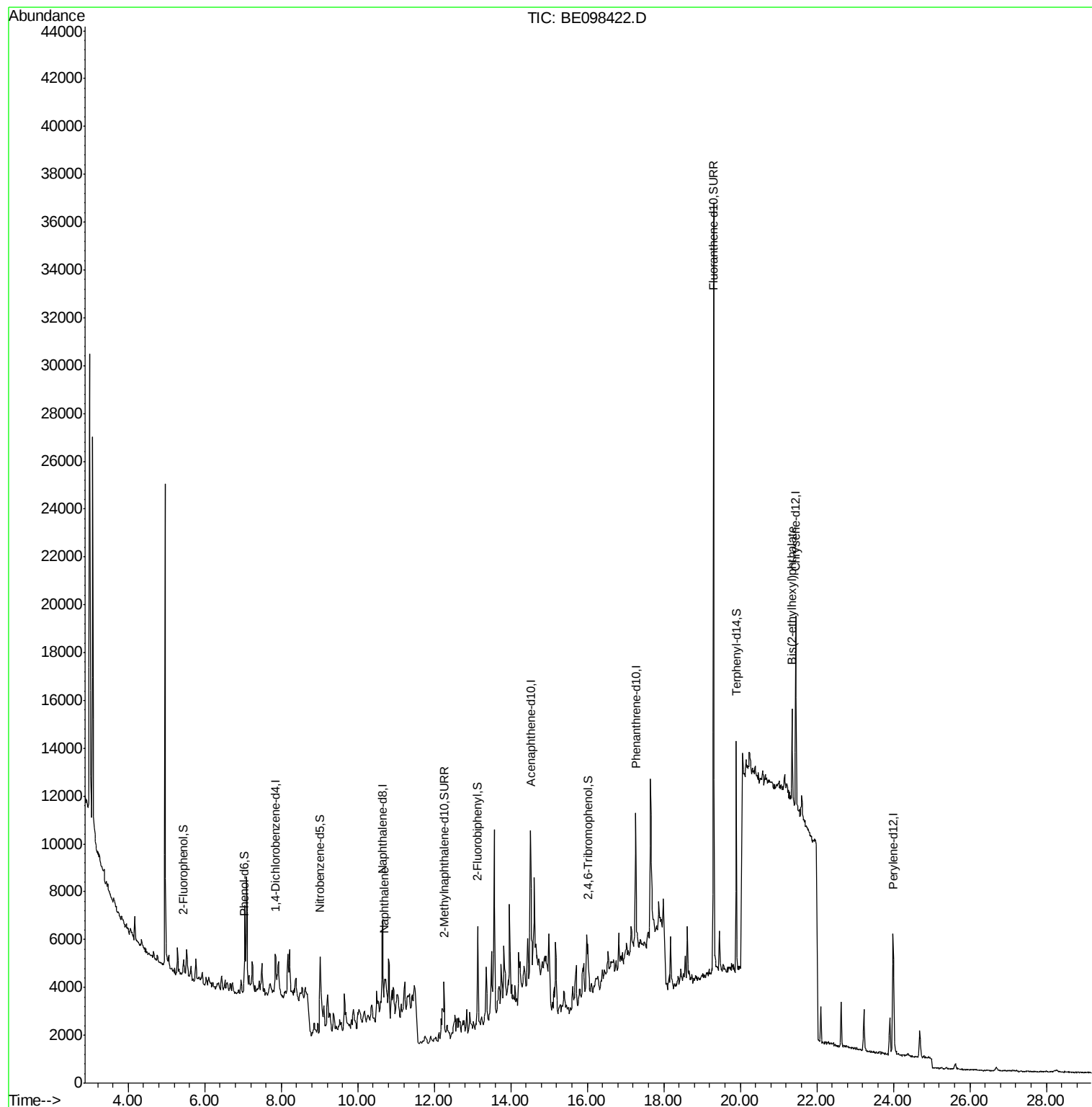
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
Data File : BE098422.D
Acq On : 14 Dec 2018 6:39
Operator : SJ/JU
Sample : J6335-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

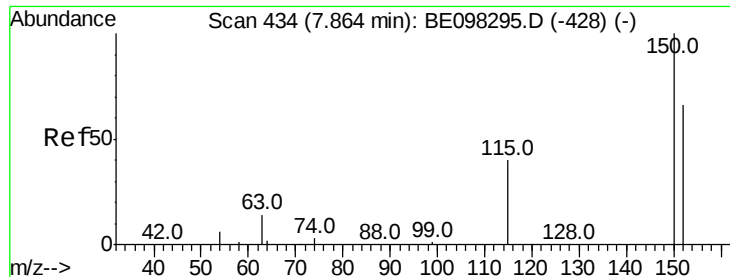
Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20181208

Manual Integrations
APPROVED

Sohil
12/14/2018 11:28:07 AM

Quant Time: Dec 14 08:10:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098422.D

Acq: 14 Dec 2018 6:39

Instrument :

BNA_E

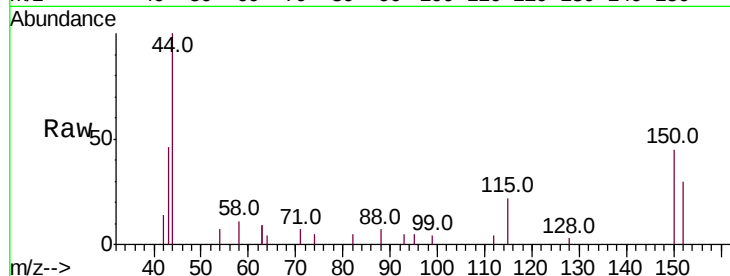
ClientSampleId :

BP-TT-AOC22-MW10-20181208

Tot Ion:	152	Resp:	904
Ion	Ratio	Lower	Upper
152	100		
150	147.2	124.2	186.4
115	72.1	53.9	80.9

Manual Integrations
APPROVED

Sohil
12/14/2018 11:28:07 AM

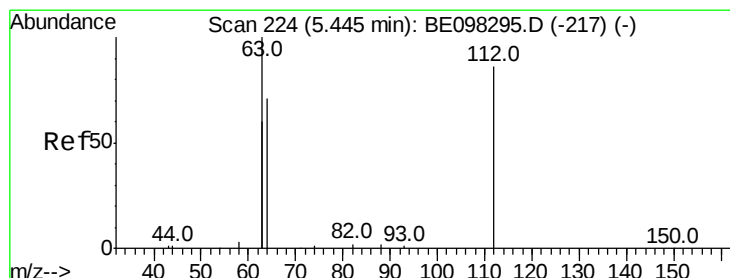
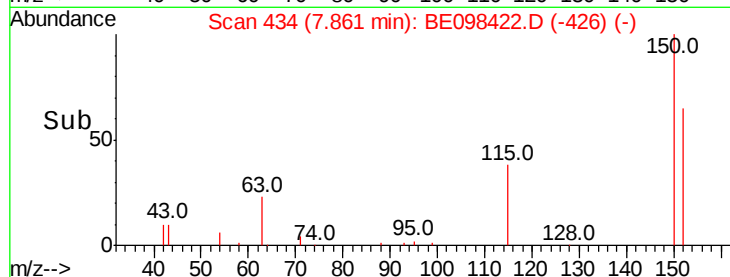
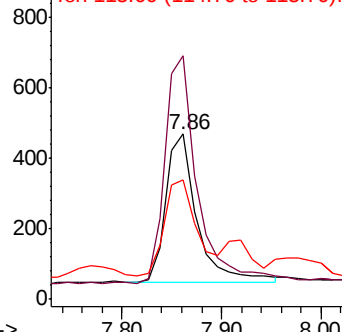


Abundance

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



#4

2-Fluorophenol

Concen: 0.232 ng

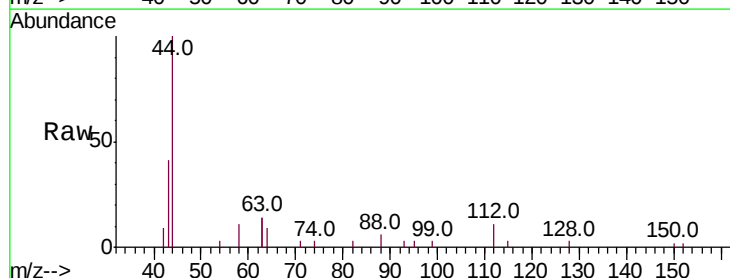
RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE098422.D

Acq: 14 Dec 2018 6:39

Tgt Ion:	112	Resp:	491
Ion	Ratio	Lower	Upper
112	100		
64	73.5	59.8	89.8
63	191.0	133.7	200.5

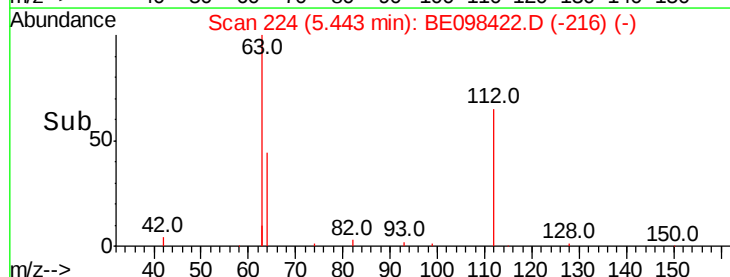
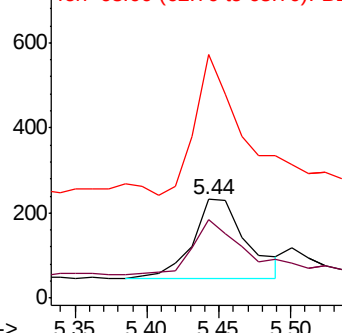


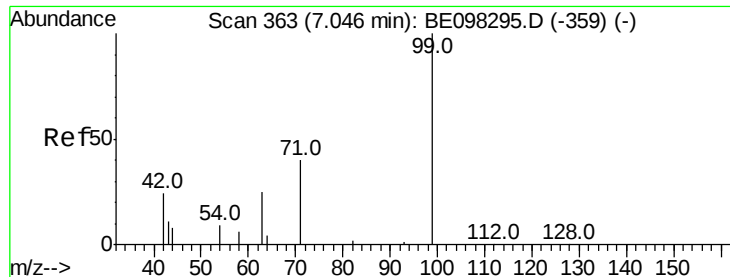
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.131 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098422.D

Acq: 14 Dec 2018 6:39

Instrument :

BNA_E

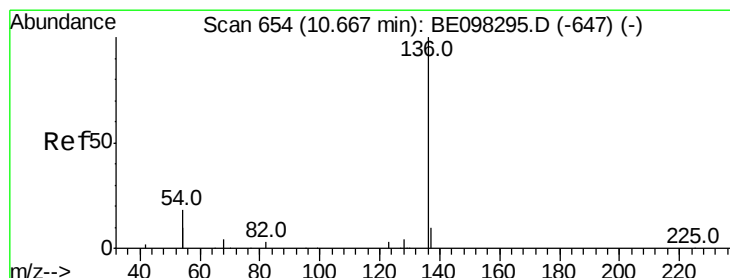
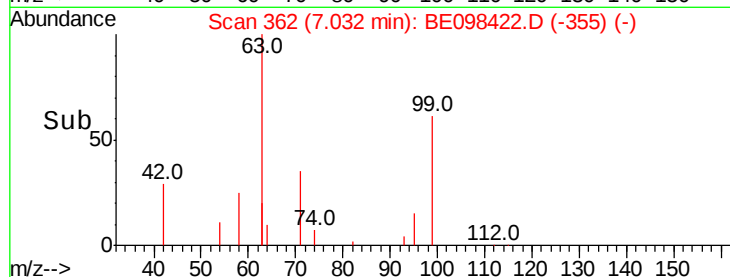
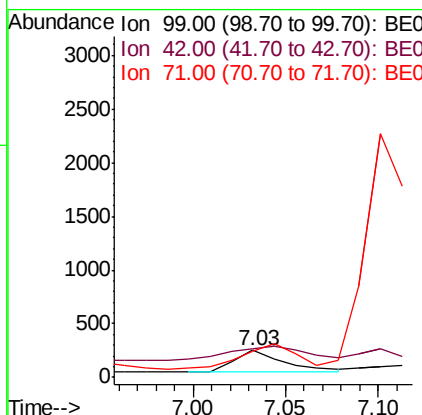
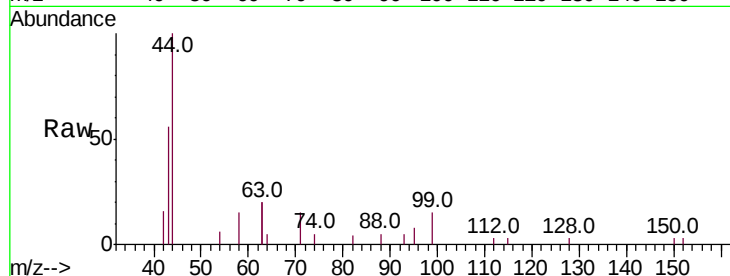
ClientSampleId :

BP-TT-AOC22-MW10-20181208

Tot Ion	Ratio	Lower	Upper
99	100		
42	92.1	26.3	39.5#
71	125.3	33.6	50.4#

Manual Integrations
APPROVED

Sohil
12/14/2018 11:28:07 AM



#7

Naphthalene-d8

Concen: 0.400 ng

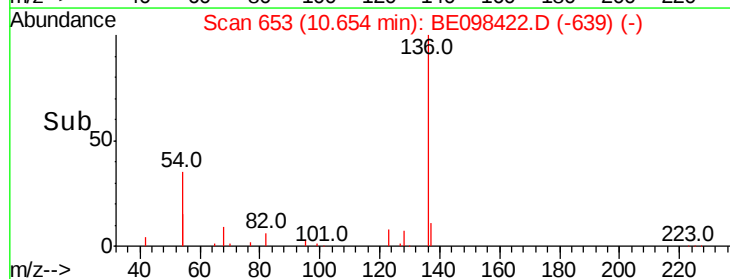
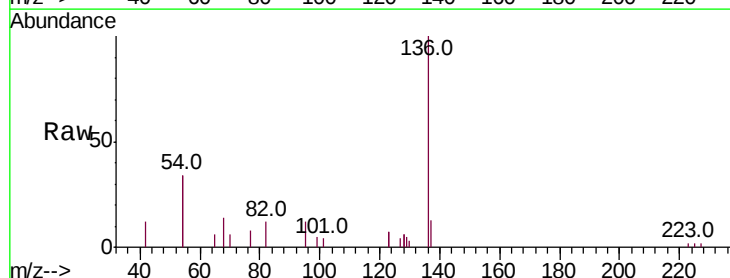
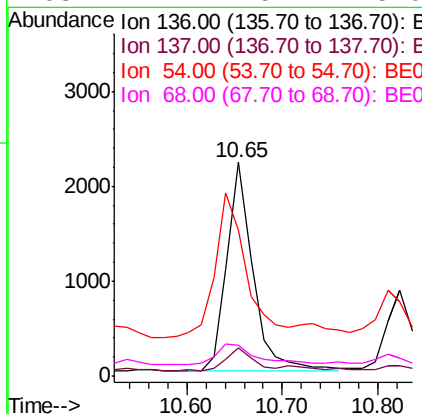
RT: 10.65 min Scan# 653

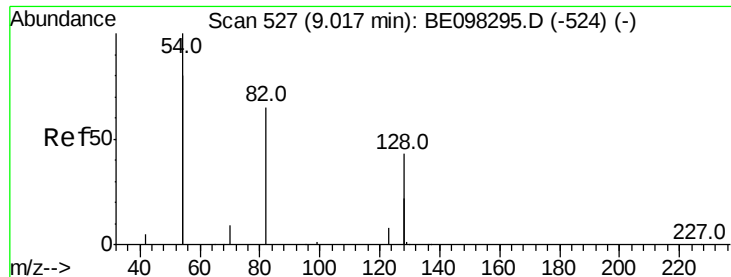
Delta R.T. -0.01 min

Lab File: BE098422.D

Acq: 14 Dec 2018 6:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.2	13.8
54	68.5	28.4	42.6#
68	14.2	5.4	8.0#





#8

Nitrobenzene-d5

Concen: 0.372 ng/ml

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098422.D

Acq: 14 Dec 2018 6:39

Instrument :

BNA_E

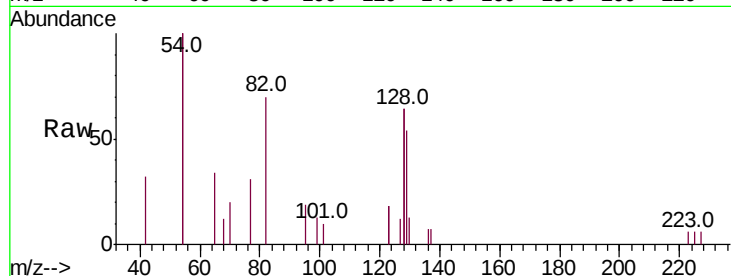
ClientSampleId :

BP-TT-AOC22-MW10-20181208

Tot Ion:	82	Resp:	1410
Ion Ratio	Lower	Upper	
82	100		
128	91.3	102.4	153.6#
54	142.2	221.8	332.8#

Manual Integrations
APPROVED

Sohil
12/14/2018 11:28:07 AM

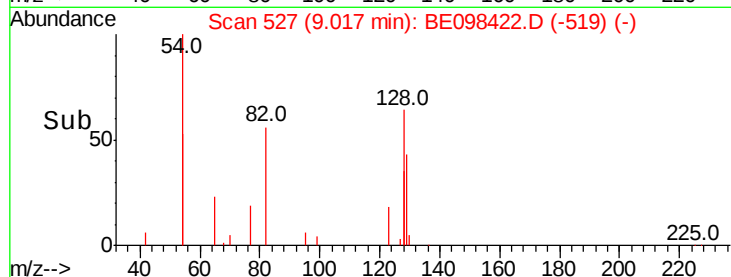


Abundance Ion 82.00 (81.70 to 82.70): BE098422.D (-524) (-)

Ion 128.00 (127.70 to 128.70): BE098422.D (-524) (-)

Ion 54.00 (53.70 to 54.70): BE098422.D (-524) (-)

Time-->



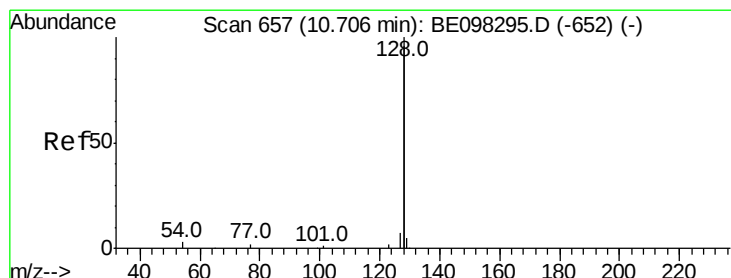
Abundance

Ion 82.00 (81.70 to 82.70): BE098422.D (-519) (-)

Ion 128.00 (127.70 to 128.70): BE098422.D (-519) (-)

Ion 54.00 (53.70 to 54.70): BE098422.D (-519) (-)

Time-->



#9

Naphthalene

Concen: 0.044 ng/ml

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098422.D

Acq: 14 Dec 2018 6:39

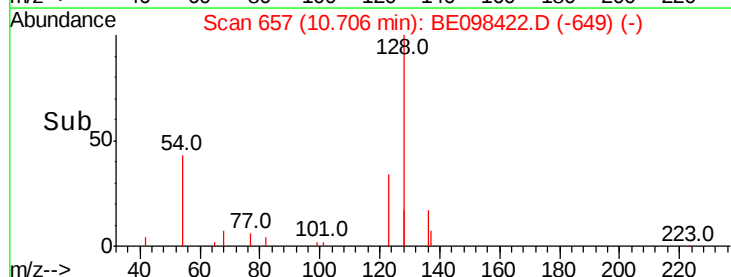
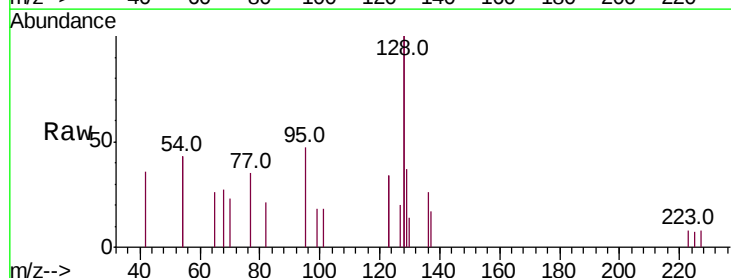
Tgt Ion:	128	Resp:	1863
Ion Ratio	Lower	Upper	
128	100		
129	18.3	2.5	3.7#
127	10.0	2.7	4.1#

Abundance Ion 128.00 (127.70 to 128.70): BE098422.D (-652) (-)

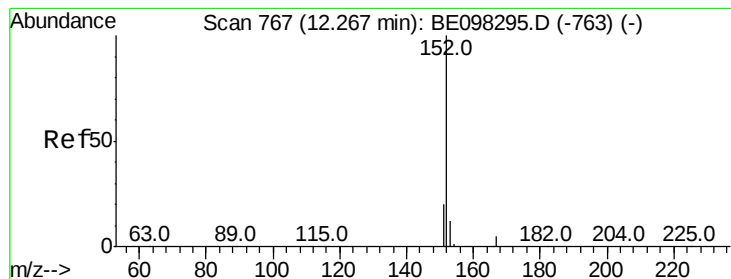
Ion 129.00 (128.70 to 129.70): BE098422.D (-652) (-)

Ion 127.00 (126.70 to 127.70): BE098422.D (-652) (-)

Time-->



Time-->



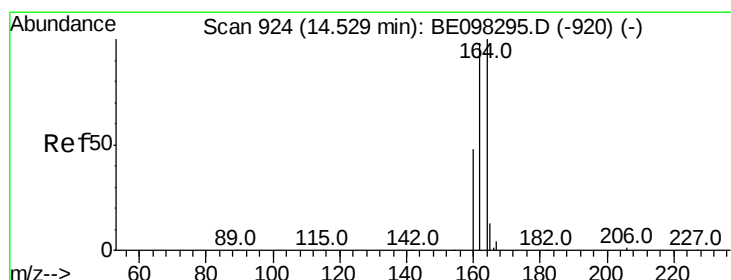
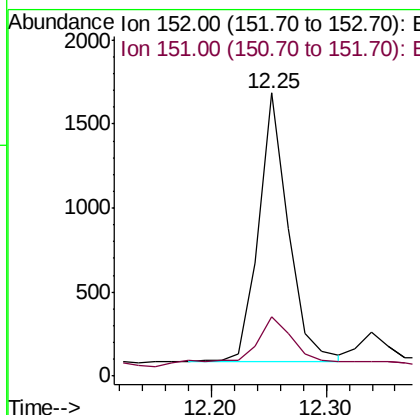
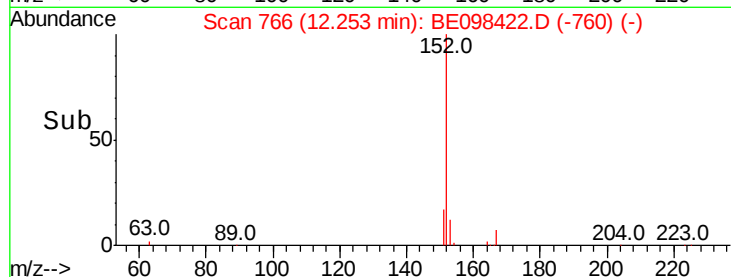
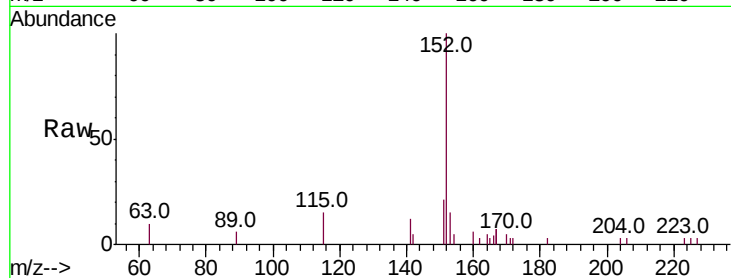
#11
 2-Methylnaphthalene-d10
 Concen: 0.422 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098422.D
 Acq: 14 Dec 2018 6:39

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20181208

Tot Ion	Ratio	Lower	Upper
152	100		
151	25.1	16.2	24.4#

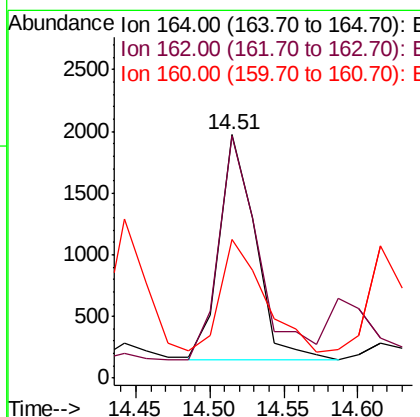
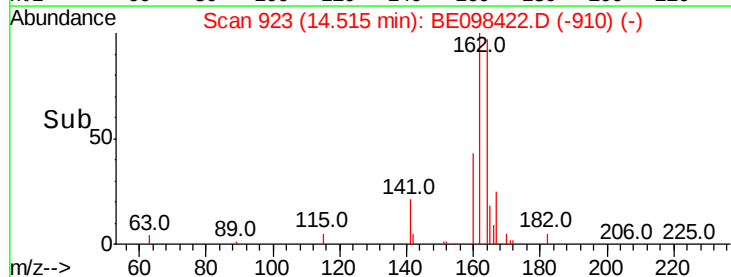
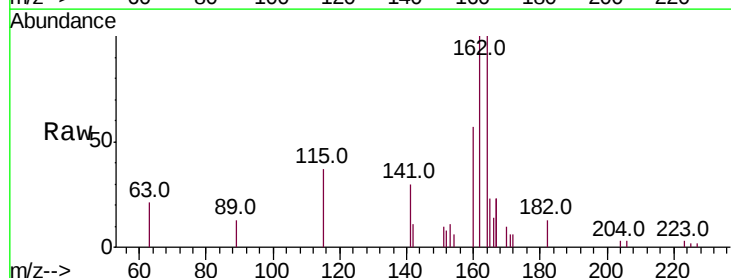
Manual Integrations
 APPROVED

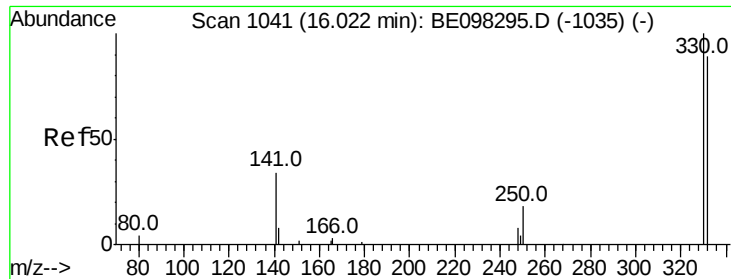
Sohil
 12/14/2018 11:28:07 AM



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098422.D
 Acq: 14 Dec 2018 6:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.6	116.4
160	56.8	36.0	54.0#





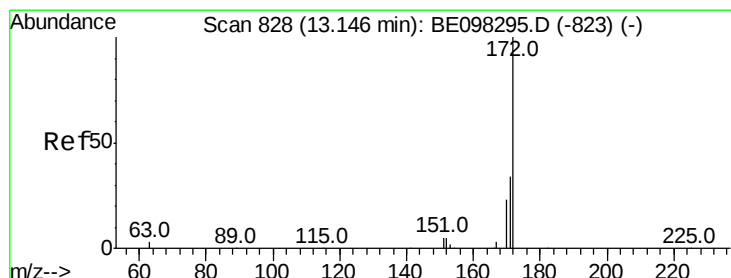
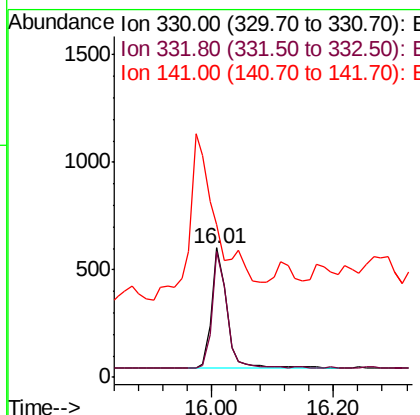
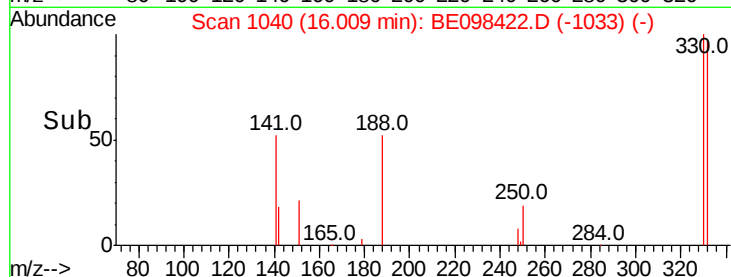
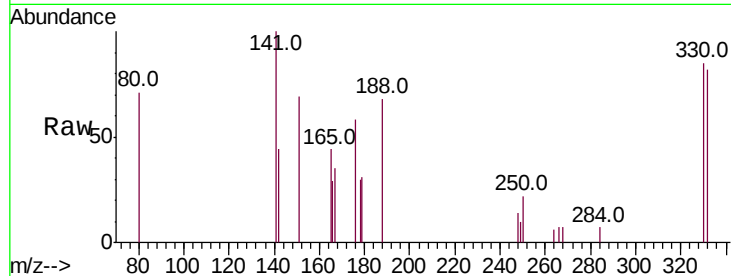
#14
 2,4,6-Tribromophenol
 Concen: 0.834 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098422.D
 Acq: 14 Dec 2018 6:39

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20181208

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.2	114.4
141	0.0	39.0	58.4#

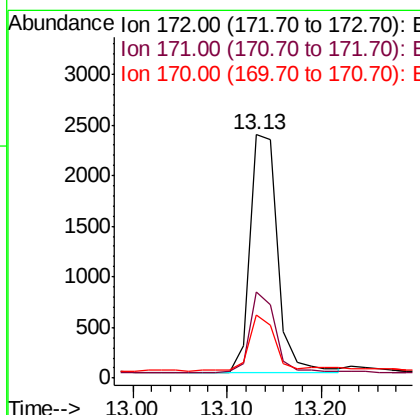
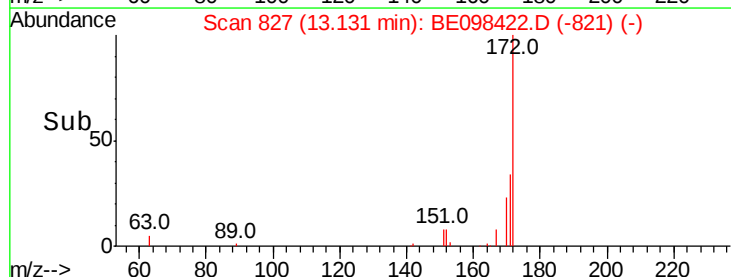
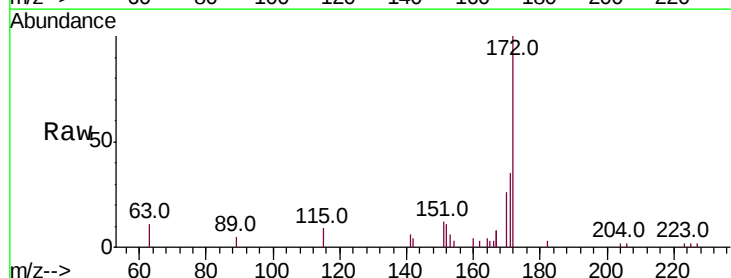
Manual Integrations
 APPROVED

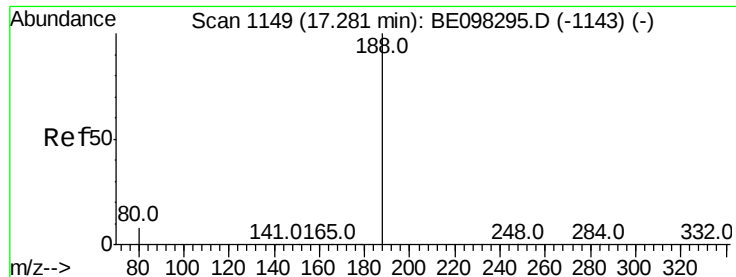
Sohil
 12/14/2018 11:28:07 AM



#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 13.13 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BE098422.D
 Acq: 14 Dec 2018 6:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.5	41.3
170	26.0	19.6	29.4





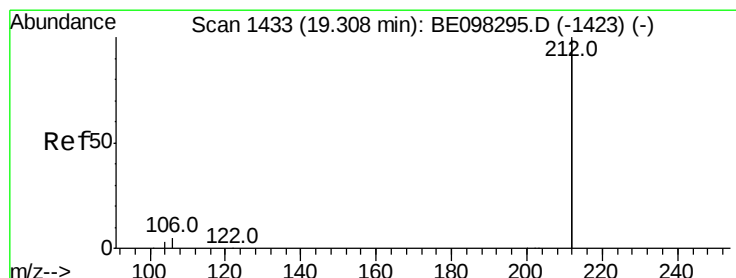
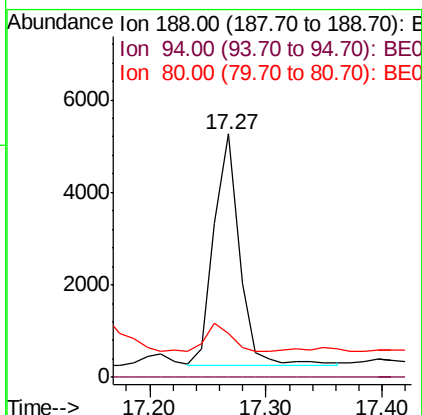
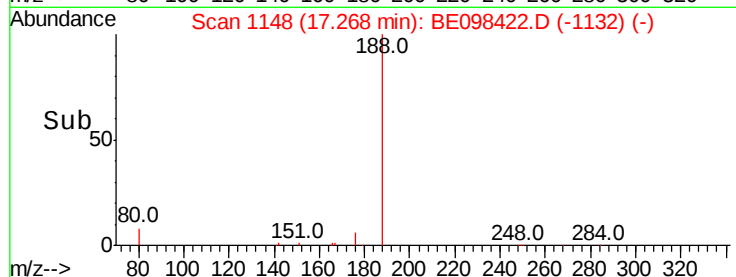
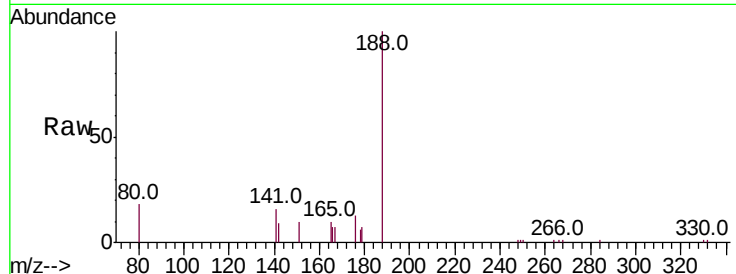
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098422.D
Acq: 14 Dec 2018 6:39

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20181208

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.0	7.2	10.8

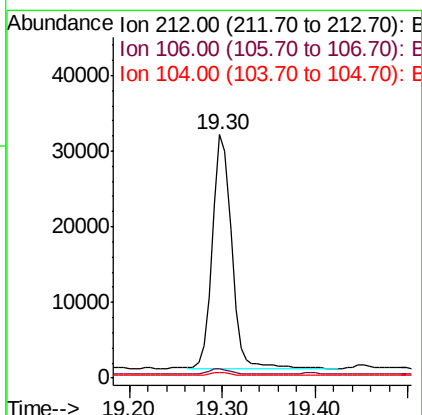
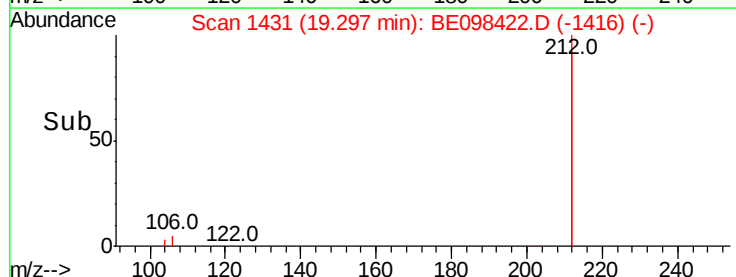
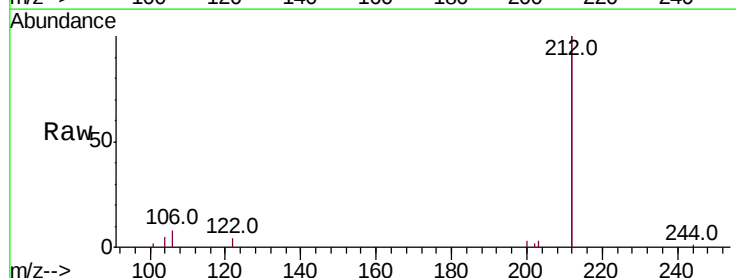
Manual Integrations
APPROVED

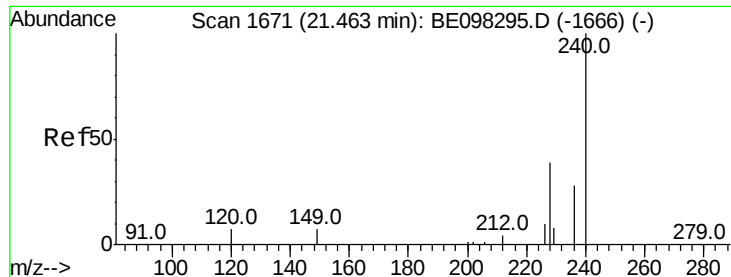
Sohil
12/14/2018 11:28:07 AM



#25
Fluoranthene-d10
Concen: 0.454 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098422.D
Acq: 14 Dec 2018 6:39

Tgt Ion	Ratio	Resp Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.7	1.3	1.9





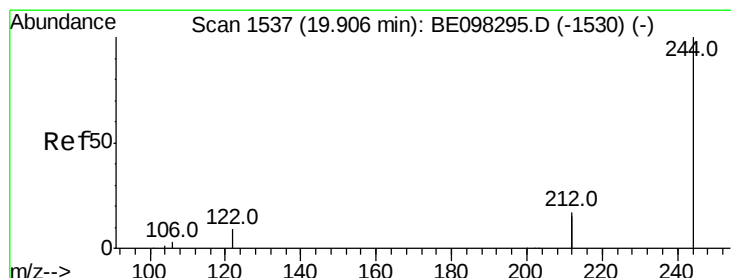
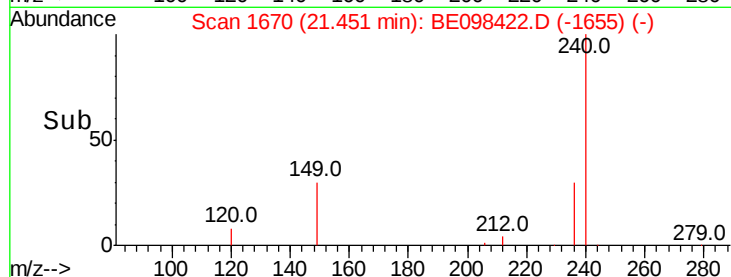
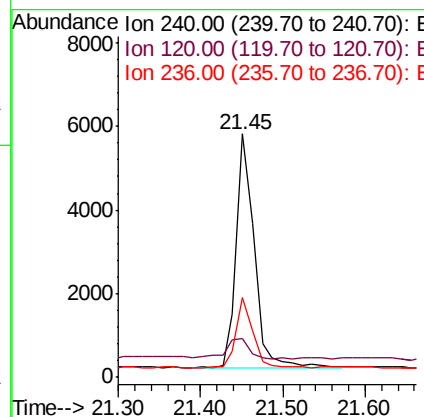
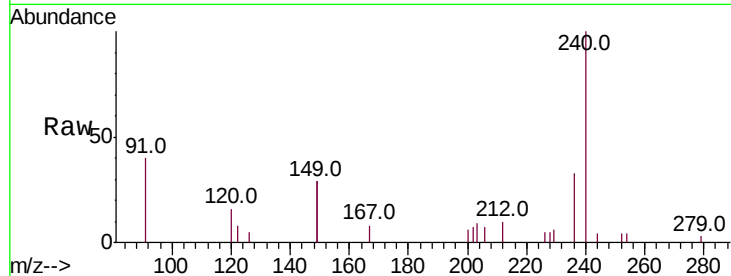
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098422.D
 Acq: 14 Dec 2018 6:39

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20181208

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	32.6	22.7	34.1

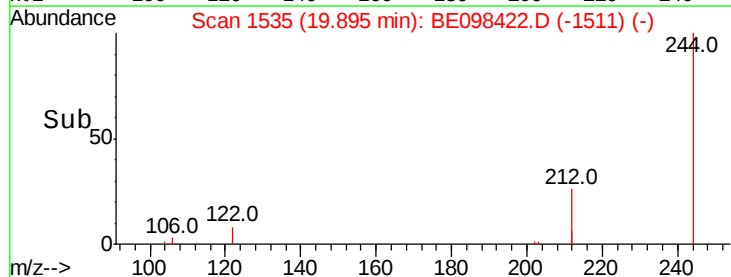
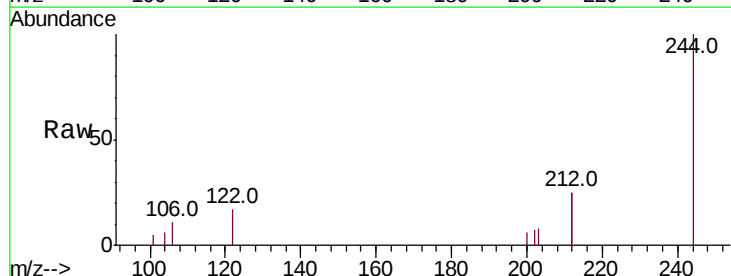
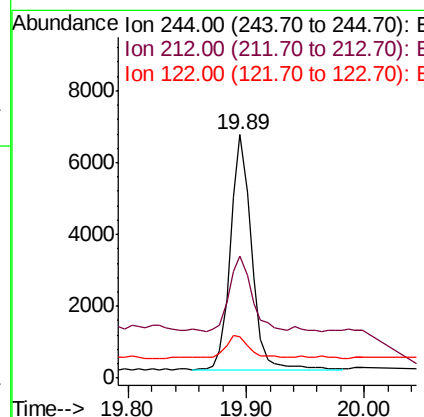
Manual Integrations
 APPROVED

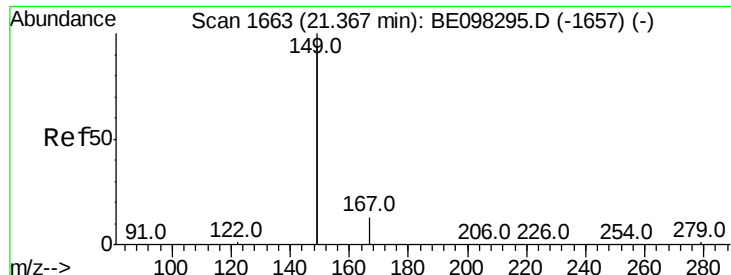
Sohil
 12/14/2018 11:28:07 AM



#29
 Terphenyl-d14
 Concen: 0.395 ng
 RT: 19.89 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BE098422.D
 Acq: 14 Dec 2018 6:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	50.4	27.4	41.0#
122	17.0	8.3	12.5#





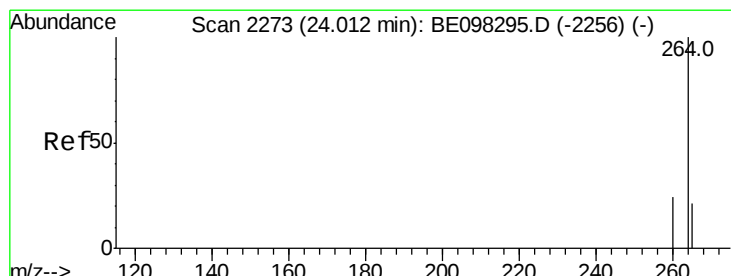
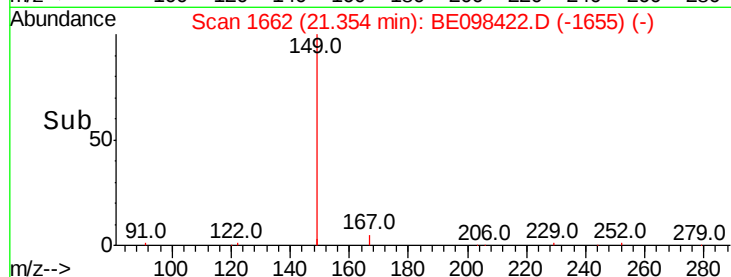
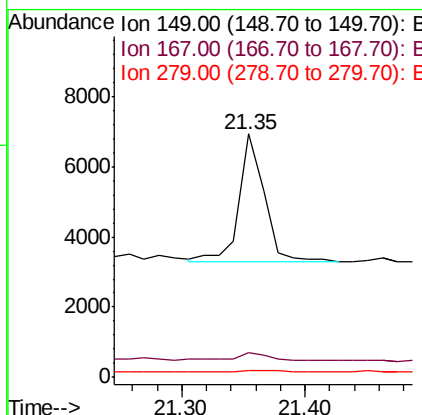
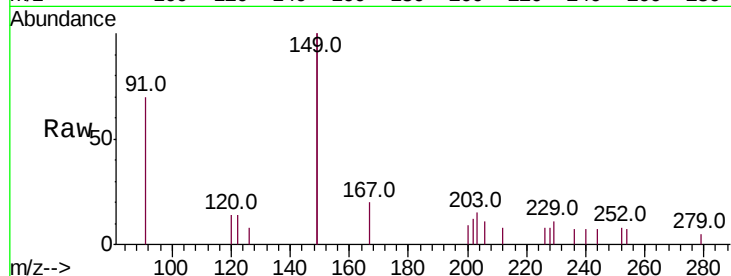
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098422.D
 Acq: 14 Dec 2018 6:39

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20181208

Tot Ion	Ratio	Lower	Upper
149	100		
167	8.9	5.7	8.5#
279	1.8	1.0	1.4#

Manual Integrations
 APPROVED

Sohil
 12/14/2018 11:28:07 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BE098422.D
 Acq: 14 Dec 2018 6:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	31.0	25.2	37.8

