

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097584.D
 Acq On : 20 Sep 2018 21:29
 Operator : SJ/JU
 Sample : J4913-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW07-20180913

Manual Integrations
 APPROVED

Sohil
 9/21/2018 4:09:16 PM

Quant Time: Sep 21 06:48:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	708	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3161	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1973	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6140	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8993	0.40	ng	0.00
34) Perylene-d12	23.20	264	8895	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	392	0.18	ng	0.00
5) Phenol-d6	6.62	99	281m	0.10	ng	0.01
8) Nitrobenzene-d5	8.56	82	914	0.37	ng	0.02
11) 2-Methylnaphthalene-d10	11.74	152	1885	0.43	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	415	0.52	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3524	0.51	ng	0.01
25) Fluoranthene-d10	18.80	212	35941	0.46	ng	0.00
29) Terphenyl-d14	19.41	244	8108	0.49	ng	0.00
Target Compounds						
26) Fluoranthene	18.83	202	735	0.036	ng	Qvalue # 95
28) Pyrene	19.20	202	652	0.032	ng	# 92
32) Bis(2-ethylhexyl)phthalate	20.89	149	6854	0.191	ng	# 100
35) Benzo(b)fluoranthene	22.54	252	675	0.030	ng	# 46

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

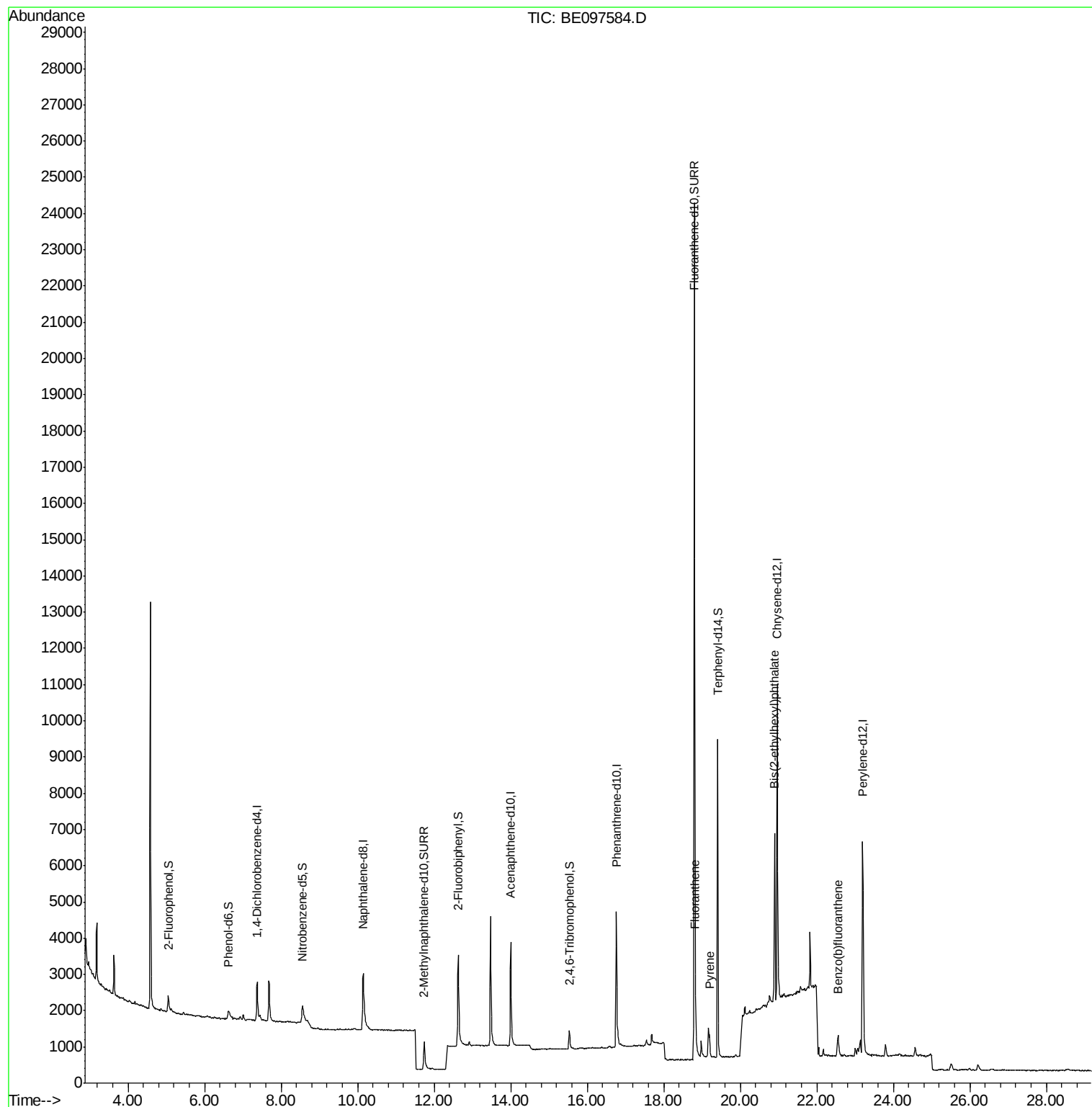
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097584.D
Acq On : 20 Sep 2018 21:29
Operator : SJ/JU
Sample : J4913-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20180913

Manual Integrations
APPROVED

Sohil
9/21/2018 4:09:16 PM

Quant Time: Sep 21 06:48:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration





#1

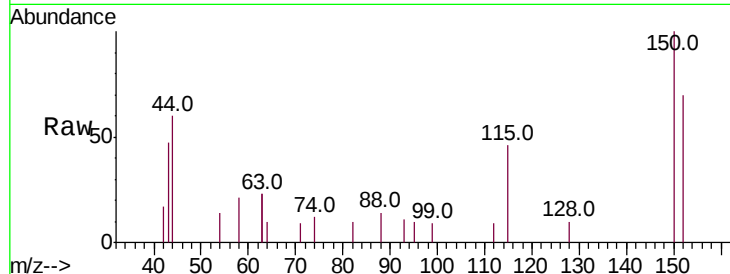
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20180913

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	117.2	175.8
115	66.6	57.0	85.6

Manual Integrations
APPROVED

Sohil
9/21/2018 4:09:16 PM

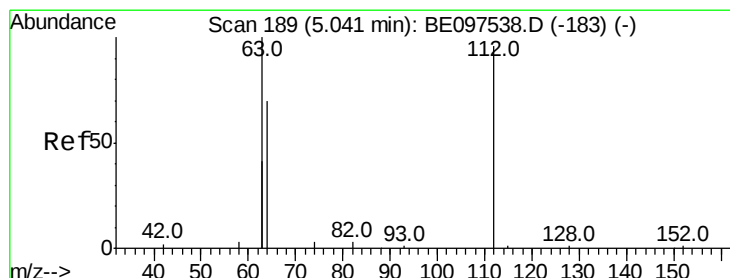
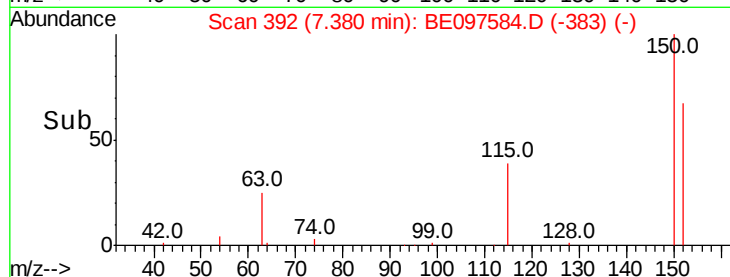
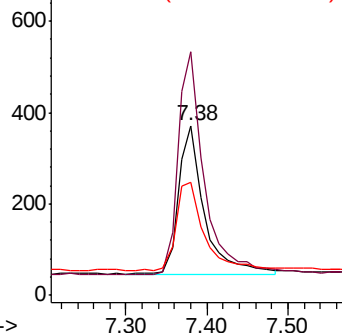


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

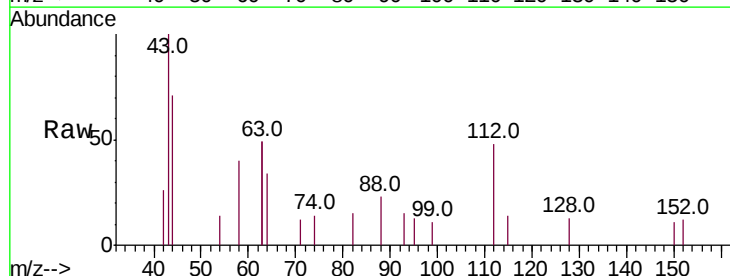
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.185 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	60.1	90.1
63	149.2	116.8	175.2

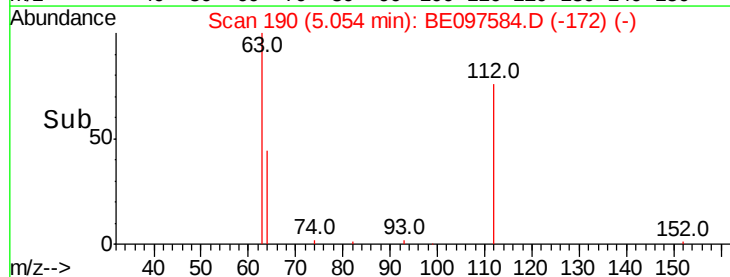
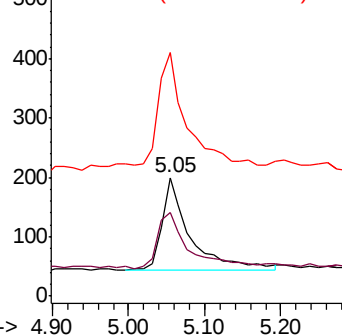


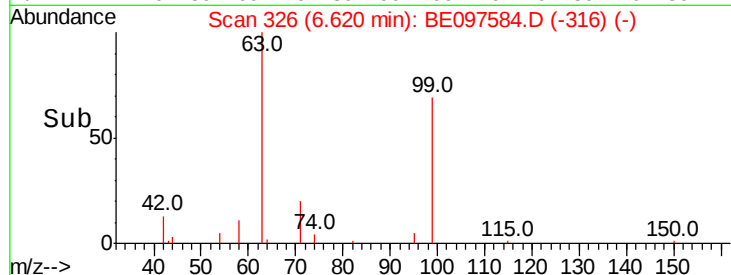
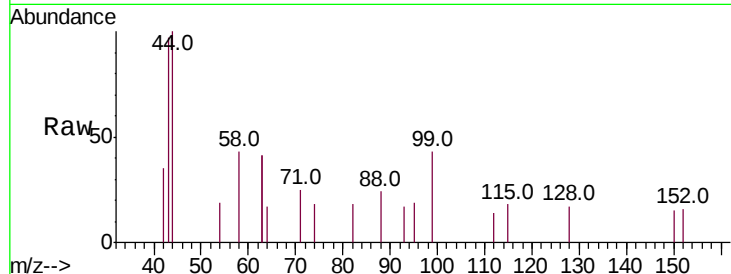
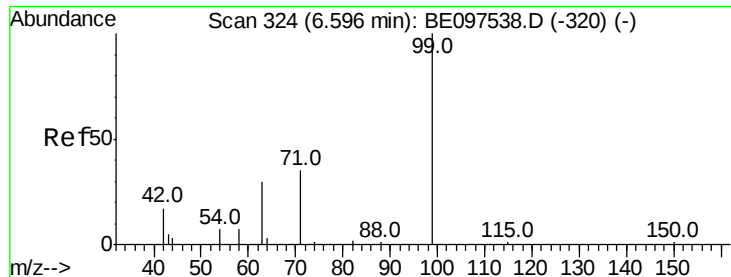
Abundance

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: 0.104 ng/ml

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

Tot Ion	Ratio	Lower	Upper
99	100		
42	19.6	20.2	30.2#
71	27.8	28.4	42.6#

Instrument :

BNA_E

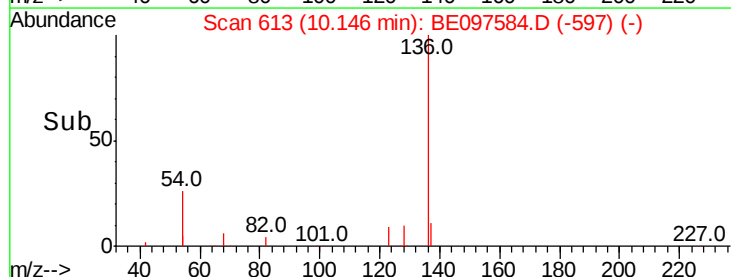
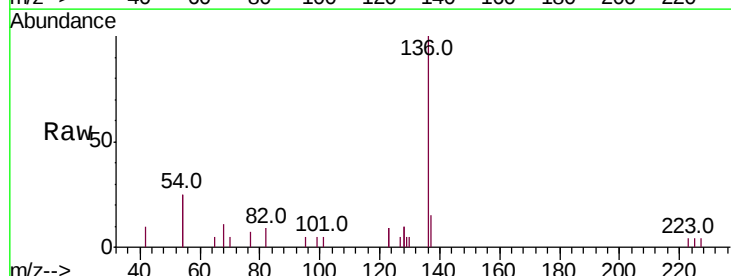
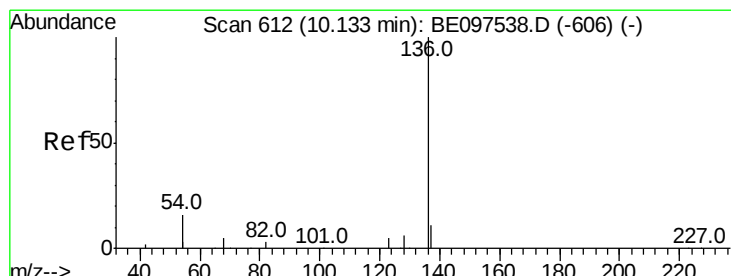
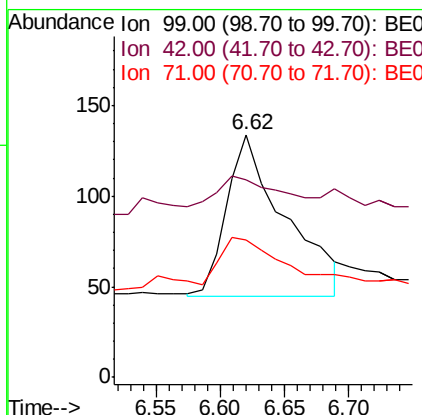
ClientSampleId :

BP-TT-AOC22-MW07-20180913

Manual Integrations
APPROVED

Sohil

9/21/2018 4:09:16 PM



#7

Naphthalene-d8

Concen: 0.400 ng/ml

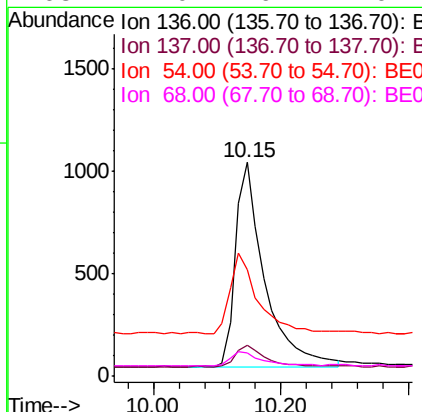
RT: 10.15 min Scan# 613

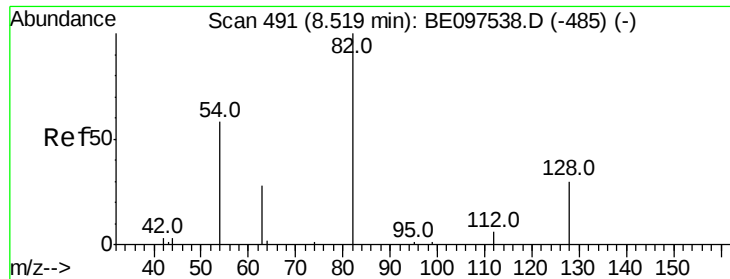
Delta R.T. 0.01 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	14.6	9.5	14.3#
54	50.0	29.1	43.7#
68	11.0	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.374 ng

RT: 8.56 min Scan# 494

Delta R.T. 0.02 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_E

ClientSampleId :

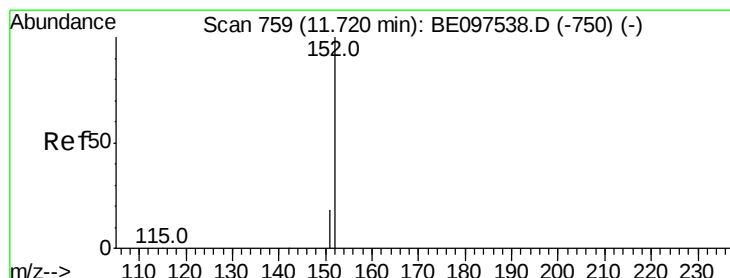
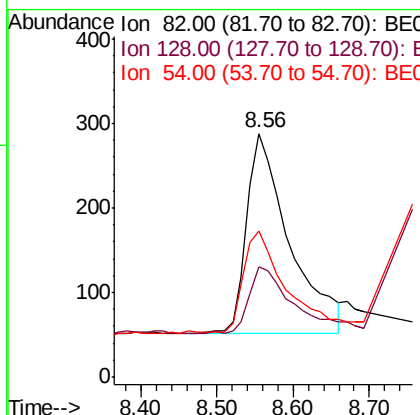
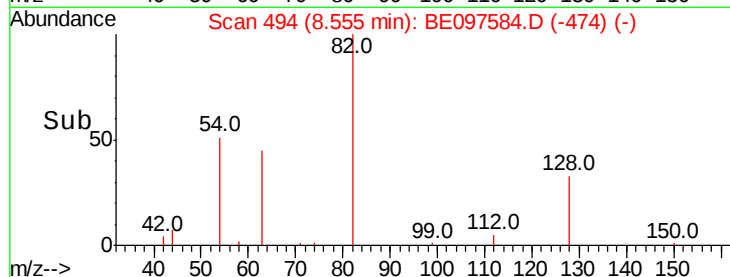
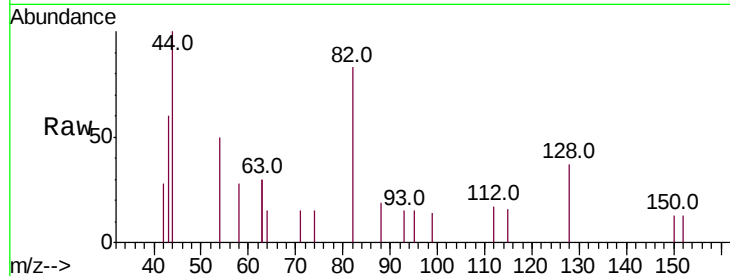
BP-TT-AOC22-MW07-20180913

Tot Ion:	82	Resp:	914
Ion	Ratio	Lower	Upper
82	100		
128	45.1	24.0	36.0#
54	60.1	40.0	60.0#

Manual Integrations
APPROVED

Sohil

9/21/2018 4:09:16 PM



#11

2-Methylnaphthalene-d10

Concen: 0.433 ng

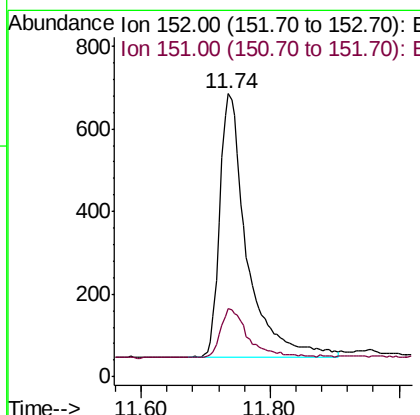
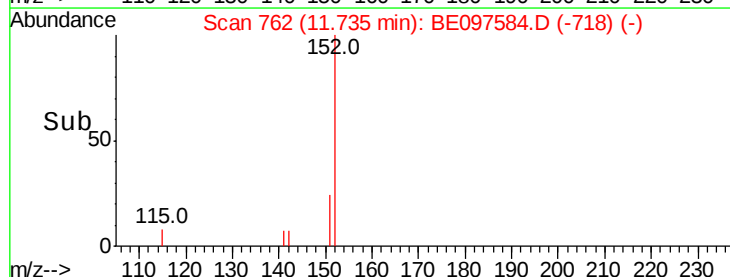
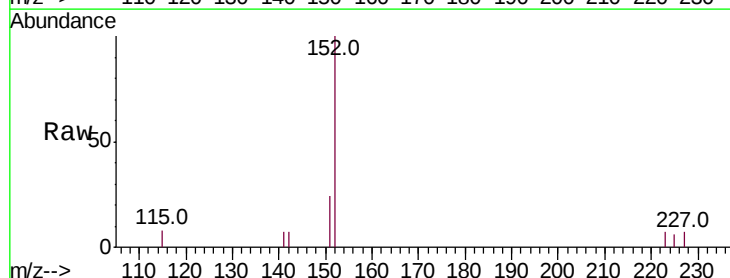
RT: 11.74 min Scan# 762

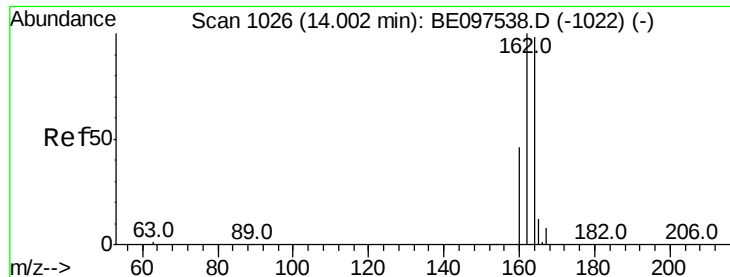
Delta R.T. 0.02 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

Tgt Ion:	152	Resp:	1885
Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0





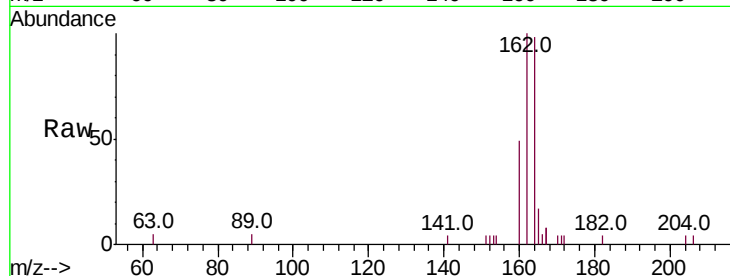
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20180913

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.1	124.7
160	49.9	37.1	55.7

Manual Integrations
APPROVED

Sohil
9/21/2018 4:09:16 PM

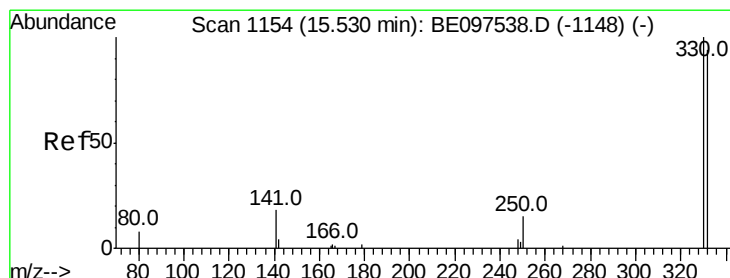
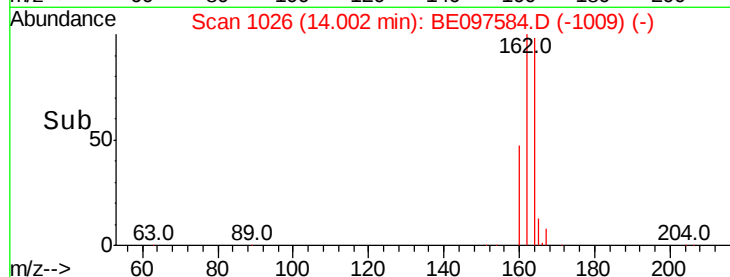
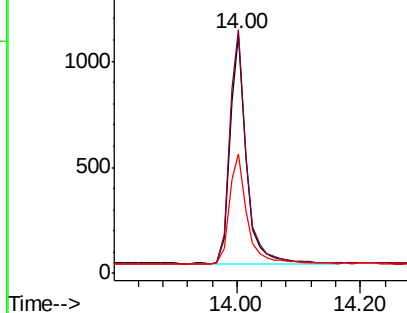


Abundance

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: 0.521 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

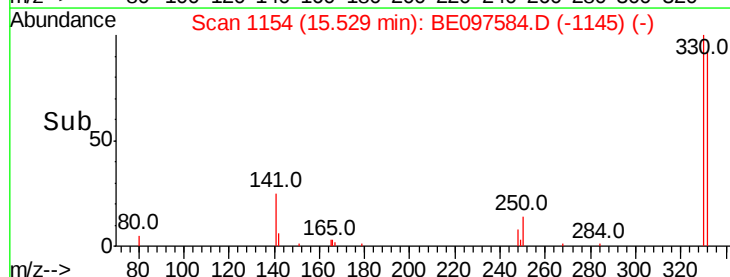
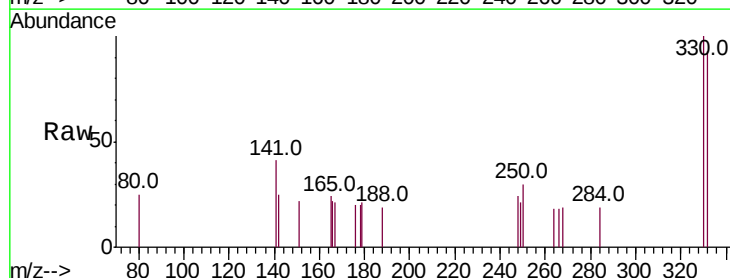
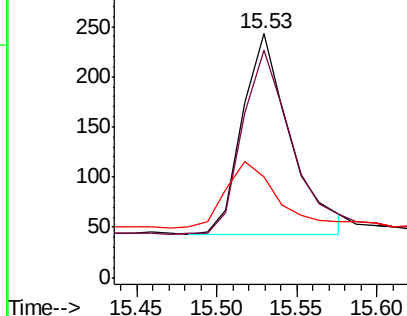
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	152.7	229.1#
141	36.1	33.7	50.5

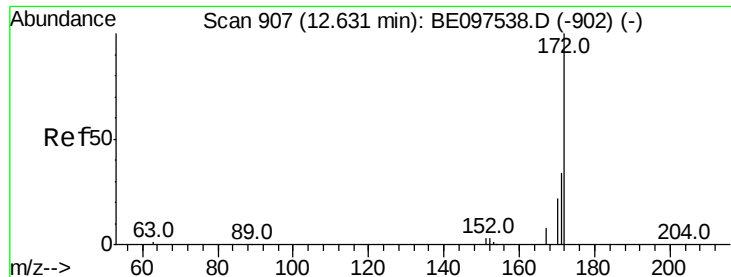
Abundance

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





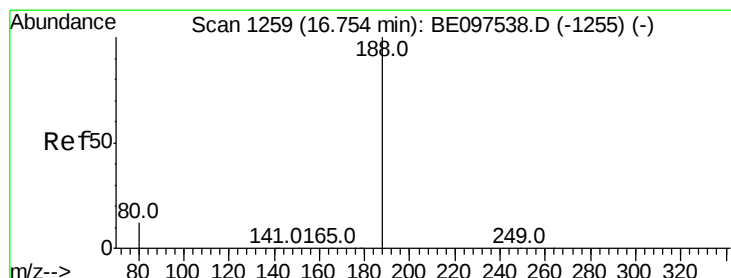
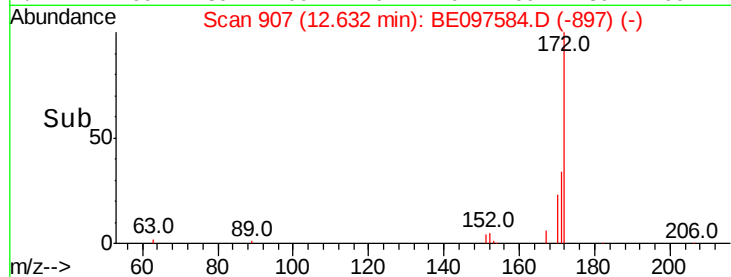
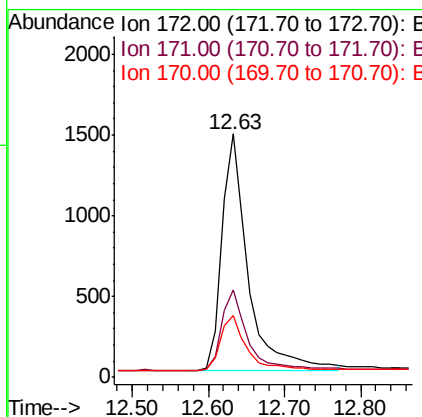
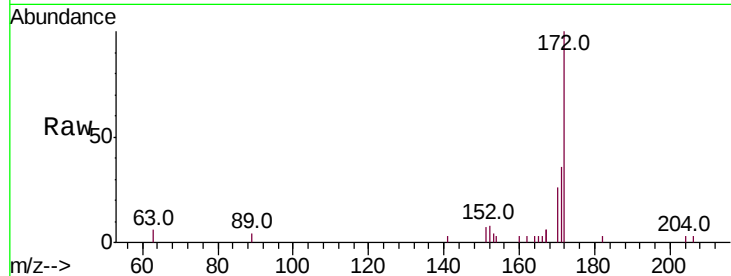
#15
2-Fluorobiphenyl
Concen: 0.505 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20180913

Tot Ion:	172	Resp:	3524
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	25.5	21.8	32.8

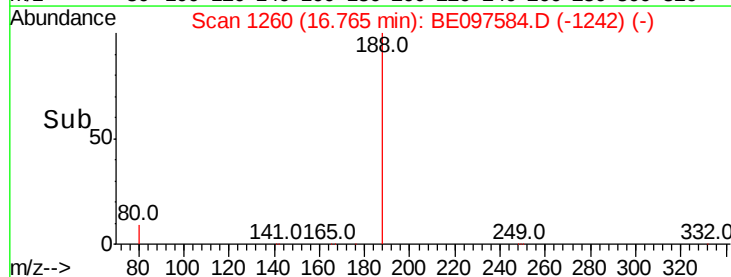
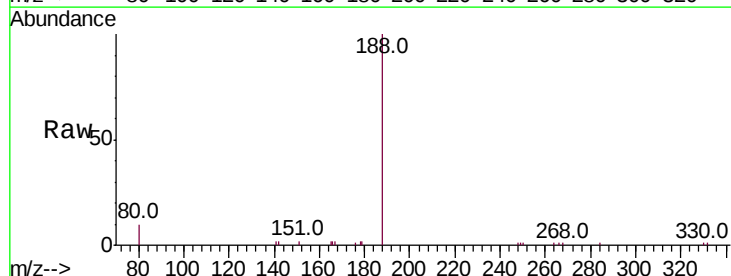
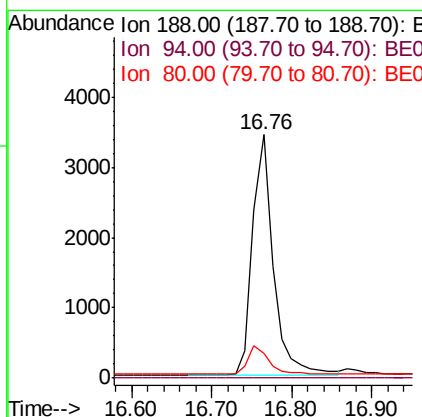
Manual Integrations
APPROVED

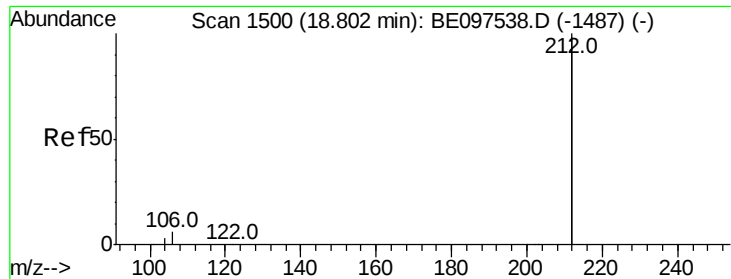
Sohil
9/21/2018 4:09:16 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Tgt Ion:	188	Resp:	6140
Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.4	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.457 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_E

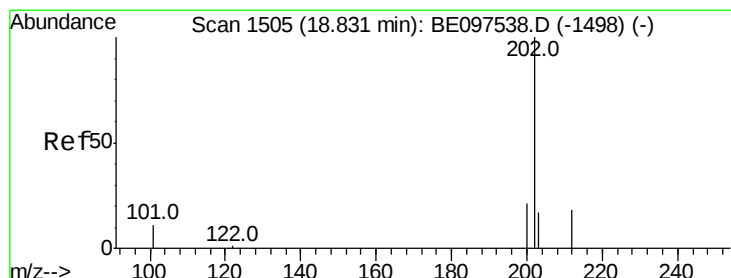
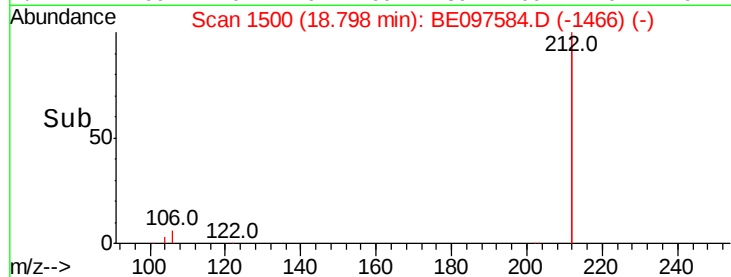
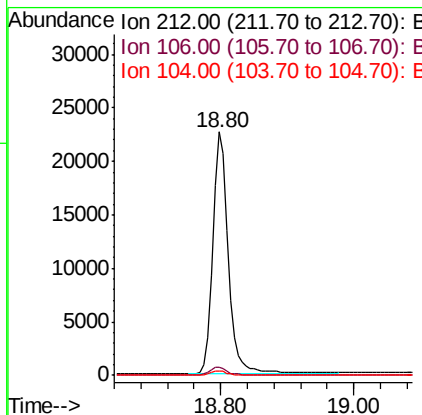
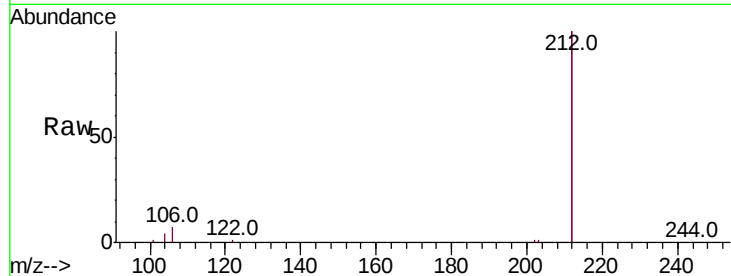
ClientSampleId :

BP-TT-AOC22-MW07-20180913

Tot Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

Manual Integrations
APPROVED

Sohil
9/21/2018 4:09:16 PM



#26

Fluoranthene

Concen: 0.036 ng

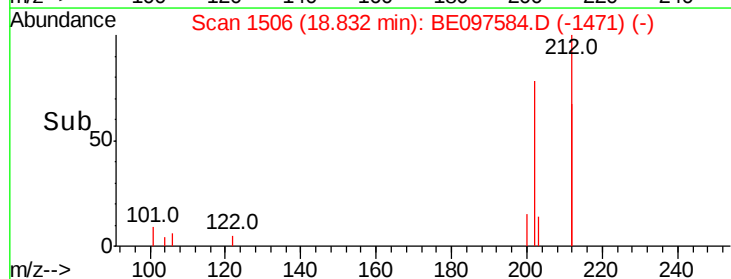
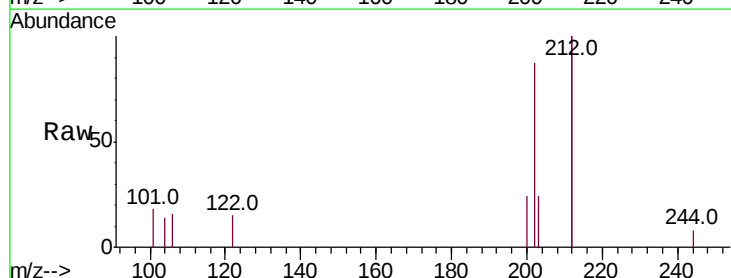
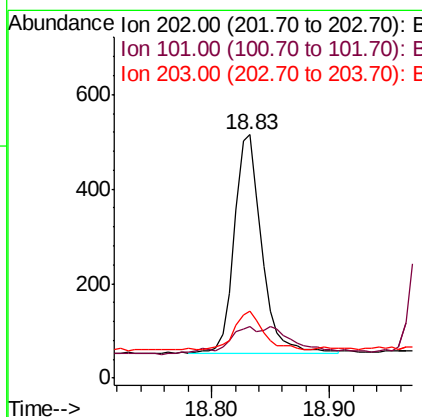
RT: 18.83 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BE097584.D

Acq: 20 Sep 2018 21:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	18.9	13.7	20.5





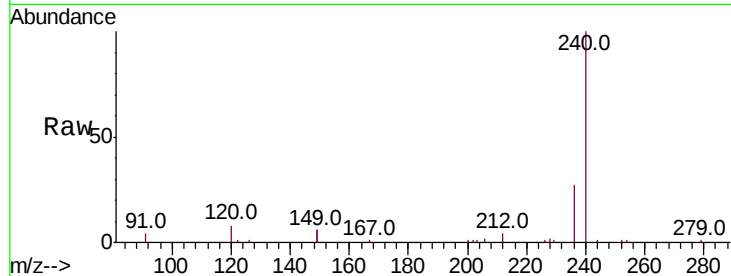
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20180913

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.5	8.3
236	27.2	20.7	31.1

Manual Integrations
APPROVED

Sohil
9/21/2018 4:09:16 PM

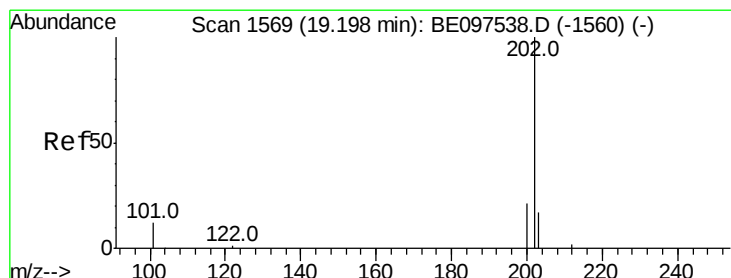
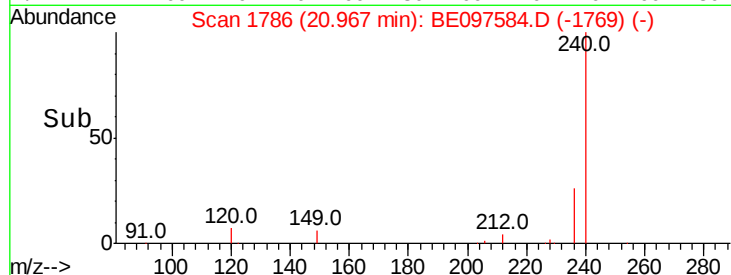
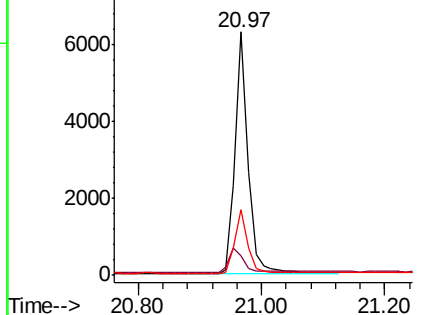


Abundance

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



#28
Pyrene
Concen: 0.032 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

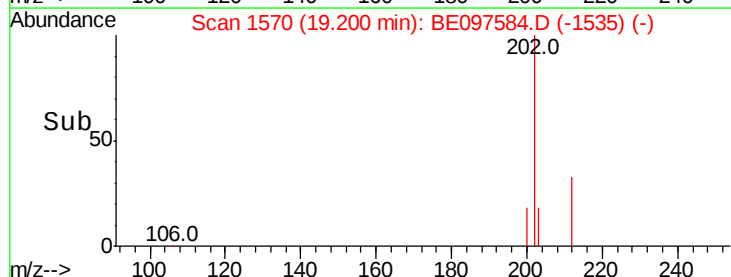
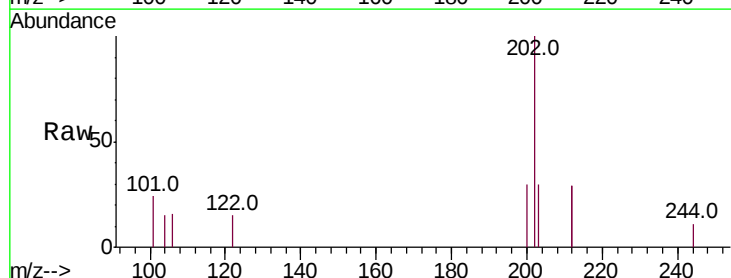
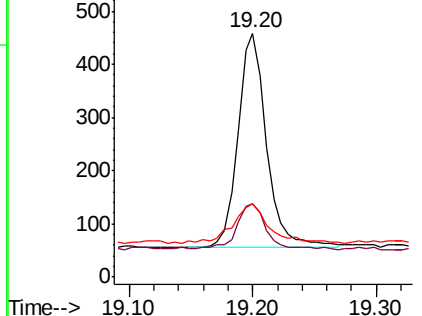
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.6	25.0
203	22.9	13.8	20.8

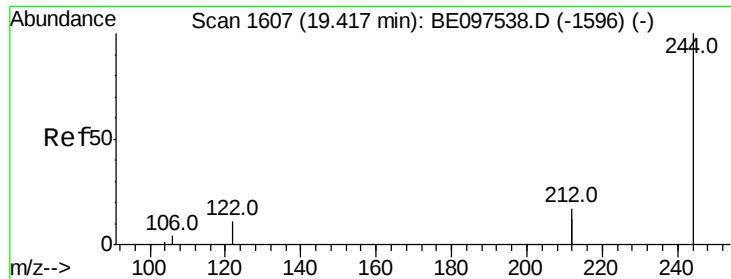
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





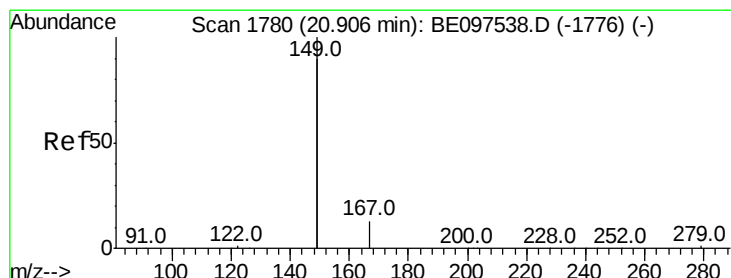
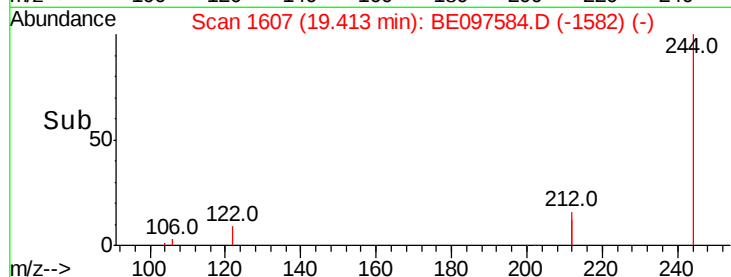
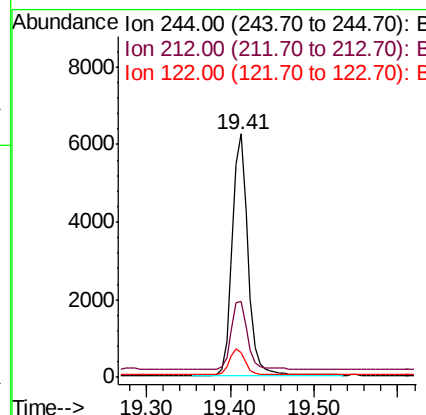
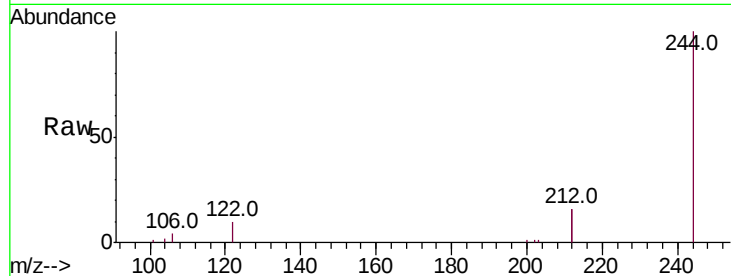
#29
 Terphenyl-d14
 Concen: 0.493 ng
 RT: 19.41 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW07-20180913

Tot Ion	Ratio	Lower	Upper
244	100		
212	31.0	25.4	38.0
122	10.2	8.1	12.1

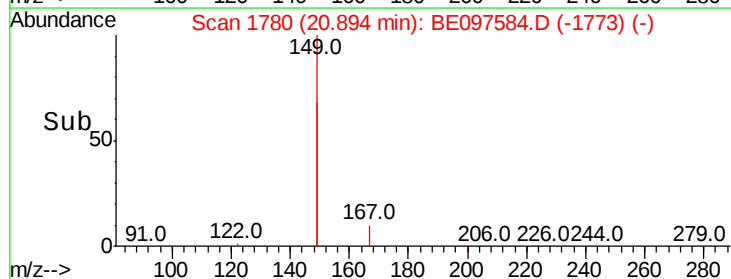
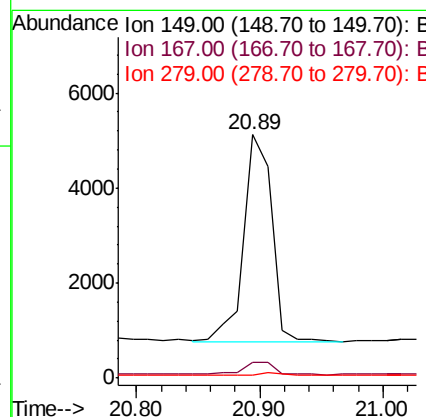
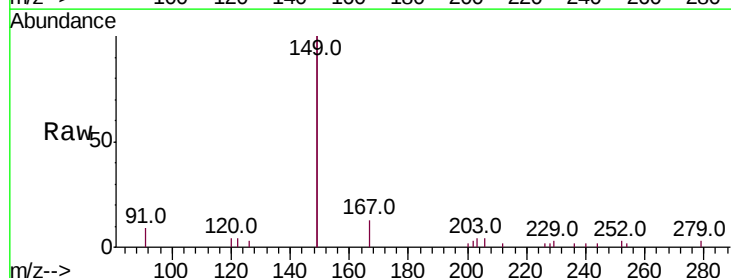
Manual Integrations
 APPROVED

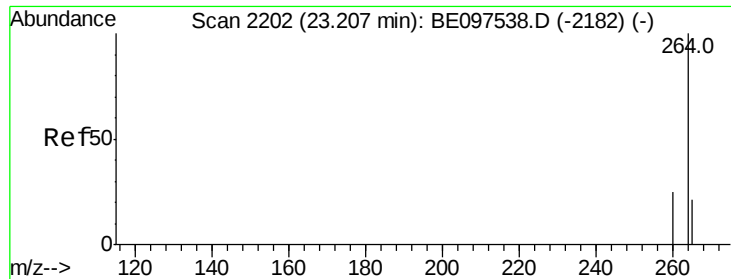
Sohil
 9/21/2018 4:09:16 PM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.191 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BE097584.D
 Acq: 20 Sep 2018 21:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	0.7	1.1#





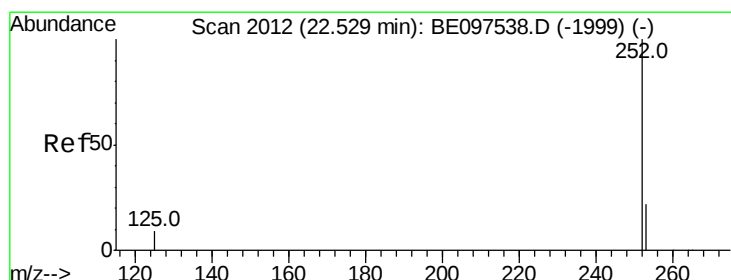
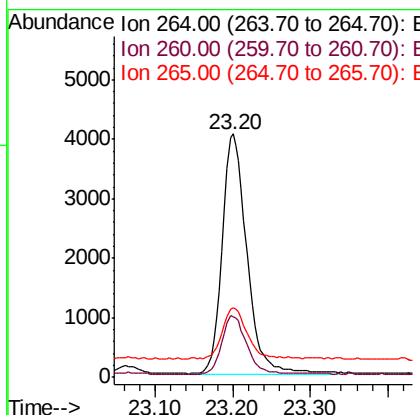
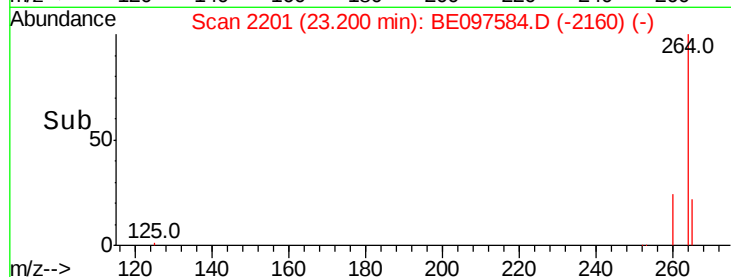
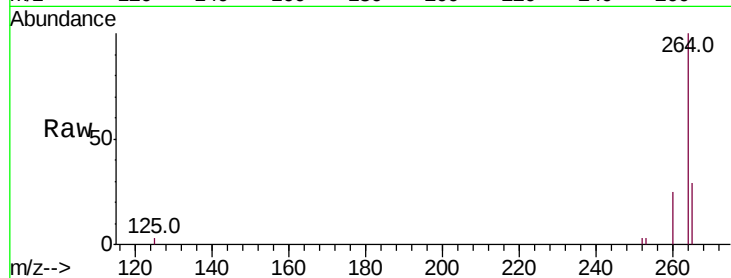
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20180913

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	28.7	22.8	34.2

Manual Integrations
APPROVED

Sohil
9/21/2018 4:09:16 PM



#35
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BE097584.D
Acq: 20 Sep 2018 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.5	20.0	30.0#
125	47.3	16.0	24.0#

