

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097599.D
 Acq On : 21 Sep 2018 7:23
 Operator : SJ/JU
 Sample : J4969-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ459I-20180917

Manual Integrations
 APPROVED

Sohil
 9/21/2018 4:09:48 PM

Quant Time: Sep 21 13:28:26 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	690	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3088	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1941	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6395	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8727	0.40	ng	0.00
34) Perylene-d12	23.20	264	8679	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	321	0.16	ng	0.00
5) Phenol-d6	6.62	99	252m	0.10	ng	0.01
8) Nitrobenzene-d5	8.55	82	903	0.38	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	1950	0.46	ng	0.01
14) 2,4,6-Tribromophenol	15.51	330	387	0.50	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	4422	0.64	ng	0.00
25) Fluoranthene-d10	18.80	212	36053	0.44	ng	0.00
29) Terphenyl-d14	19.41	244	8985	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	155	0.101	ng	# 60
32) Bis(2-ethylhexyl)phthalate	20.89	149	5009	0.146	ng	# 100

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

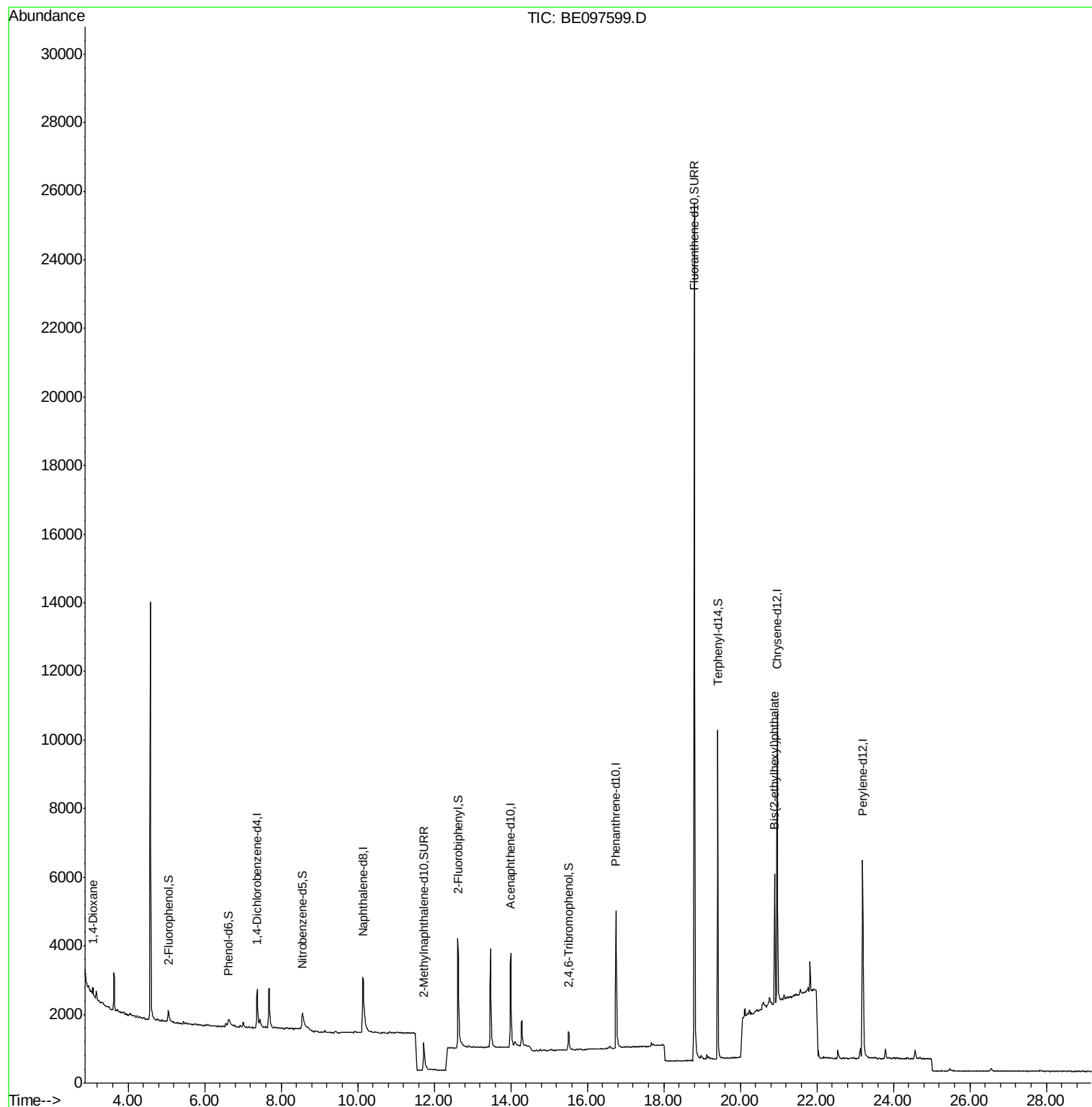
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097599.D
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Operator : SJ/JU
Sample : J4969-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

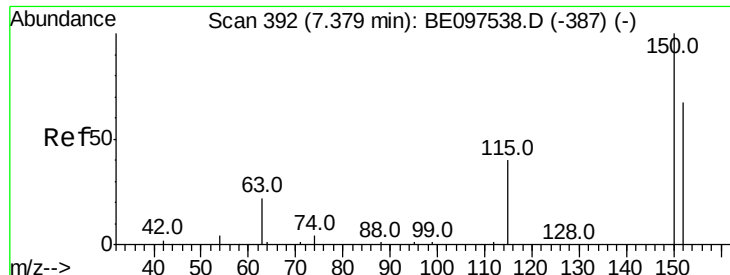
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
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#1

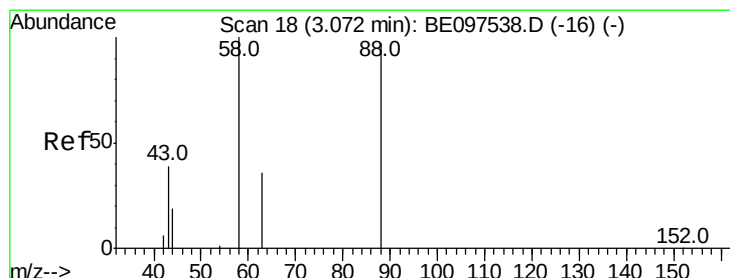
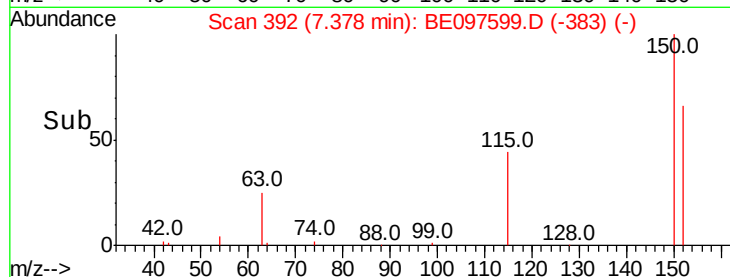
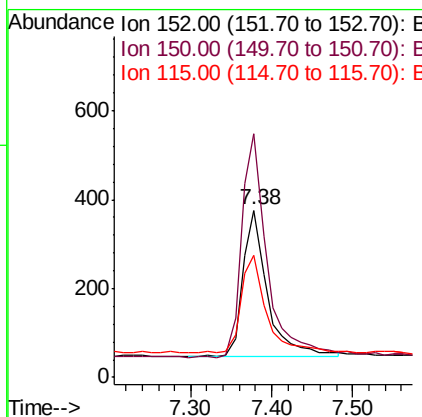
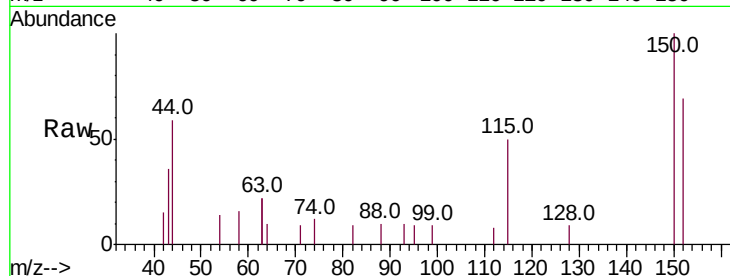
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097599.D
Acq: 21 Sep 2018 7:23

Instrument :
BNA_E
ClientSampleId :
FT-PZ459I-20180917

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	117.2	175.8
115	73.2	57.0	85.6

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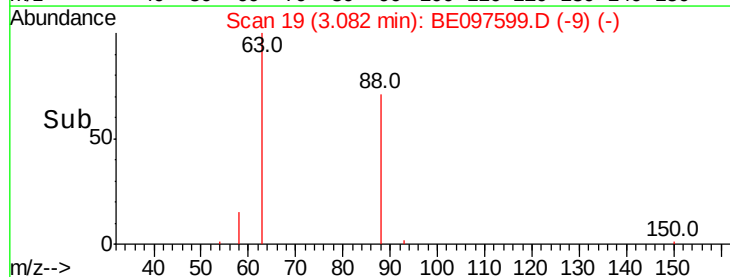
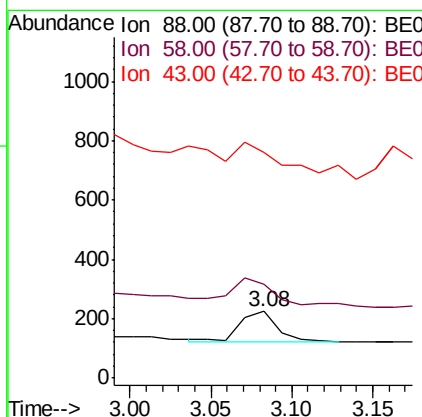
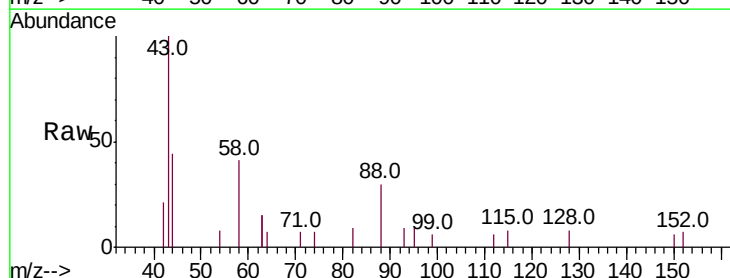
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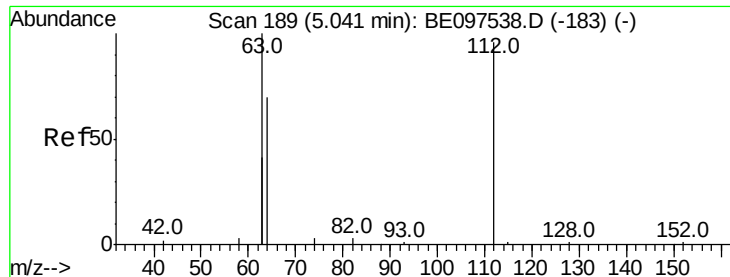


#2

1,4-Dioxane
Concen: 0.101 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097599.D
Acq: 21 Sep 2018 7:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.8	63.2	94.8#
43	0.0	41.2	61.8#





#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097599.D

Acq: 21 Sep 2018 7:23

Instrument :

BNA_E

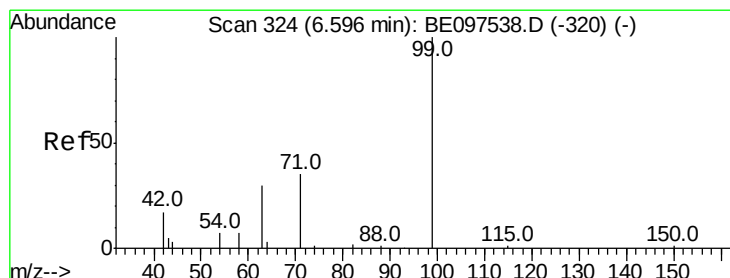
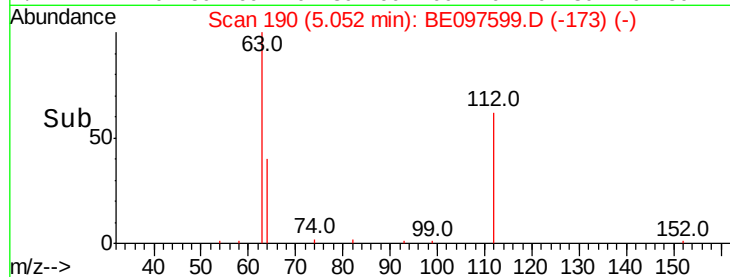
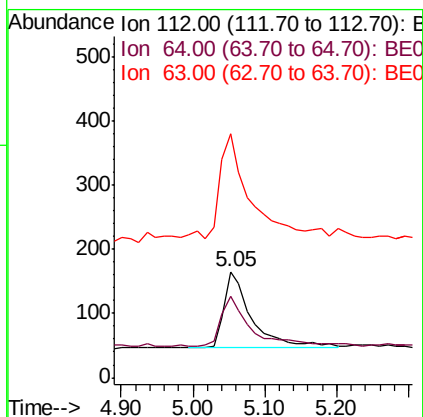
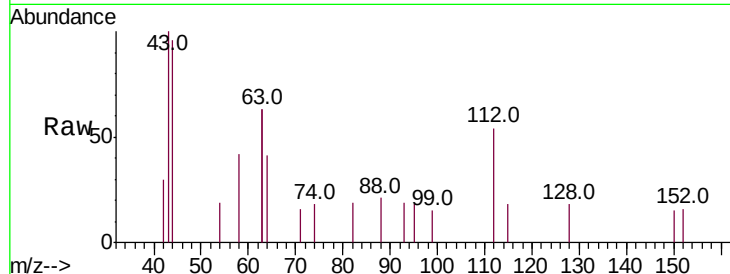
ClientSampleId :

FT-PZ459I-20180917

Tot Ion:	112	Resp:	321
Ion Ratio	Lower	Upper	
112	100		
64	65.4	60.1	90.1
63	157.0	116.8	175.2

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#5

Phenol-d6

Concen: 0.095 ng m

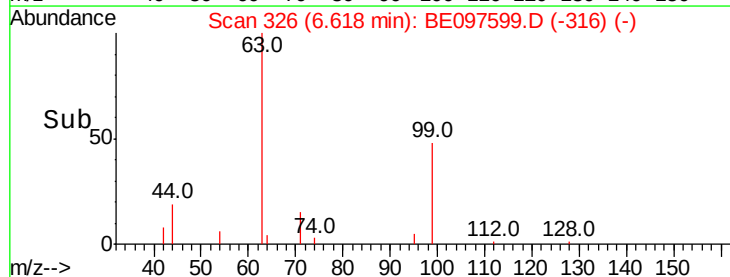
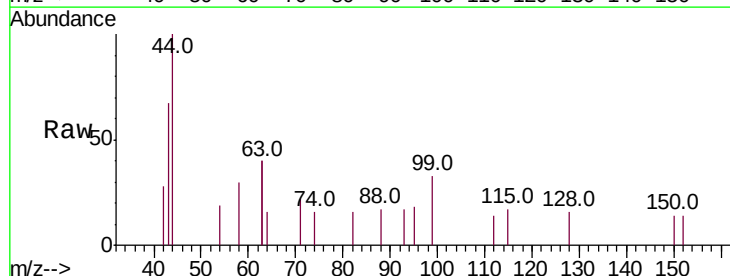
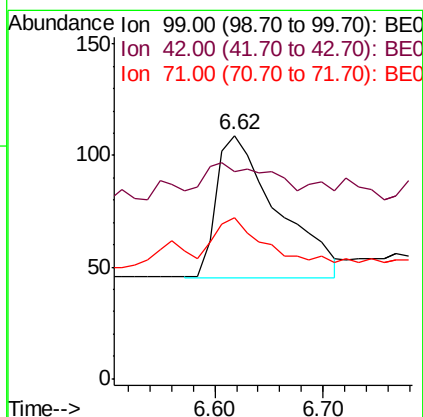
RT: 6.62 min Scan# 326

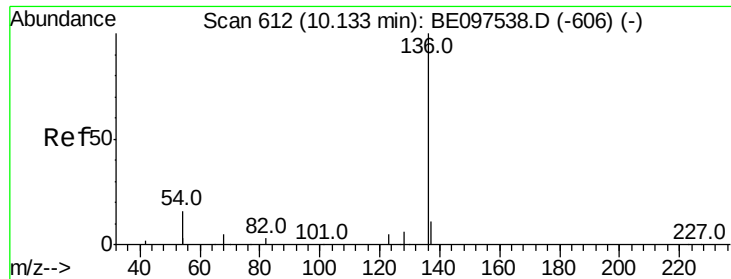
Delta R.T. 0.01 min

Lab File: BE097599.D

Acq: 21 Sep 2018 7:23

Tgt Ion:	99	Resp:	252
Ion Ratio	Lower	Upper	
99	100		
42	19.8	20.2	30.2#
71	19.0	28.4	42.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097599.D

Acq: 21 Sep 2018 7:23

Instrument :

BNA_E

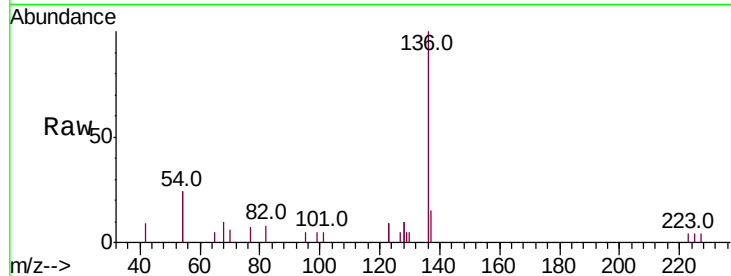
ClientSampleId :

FT-PZ459I-20180917

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		3088		
137	14.9	9.5	14.3#		
54	48.4	29.1	43.7#		
68	10.4	6.2	9.2#		

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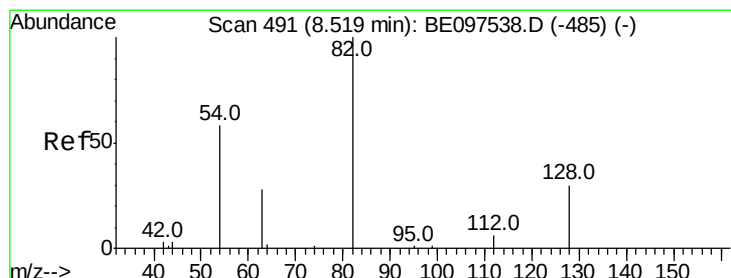
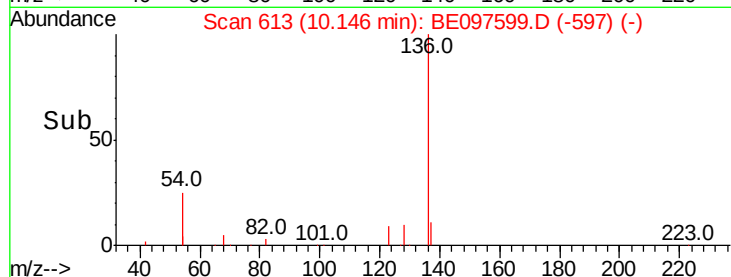
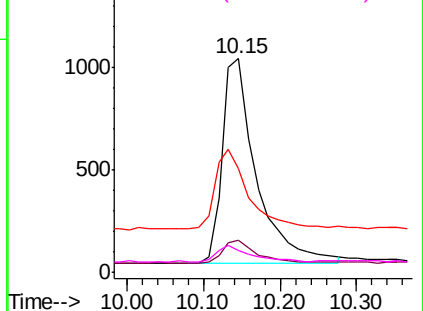
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.379 ng

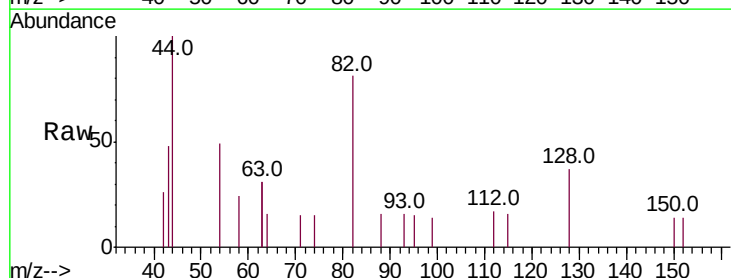
RT: 8.55 min Scan# 494

Delta R.T. 0.02 min

Lab File: BE097599.D

Acq: 21 Sep 2018 7:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		903		
128	45.7	24.0	36.0#		
54	60.1	40.0	60.0#		

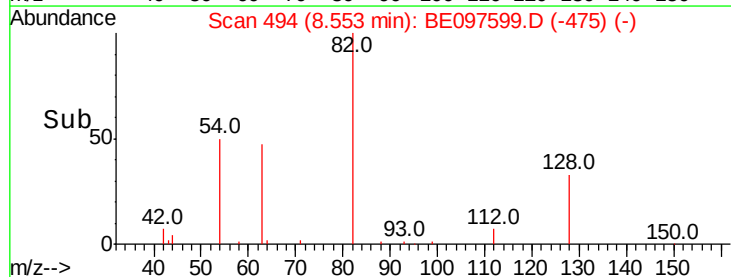
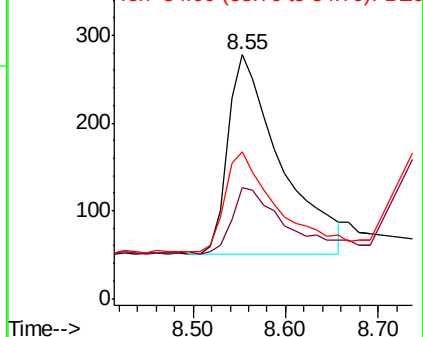


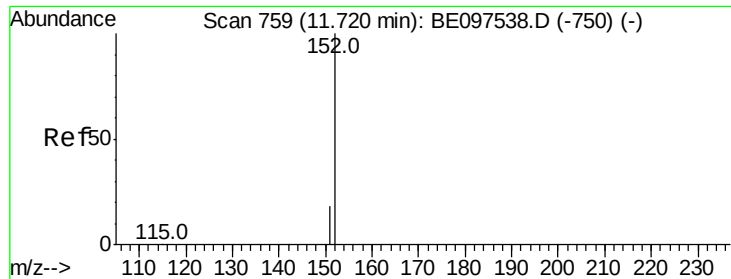
Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





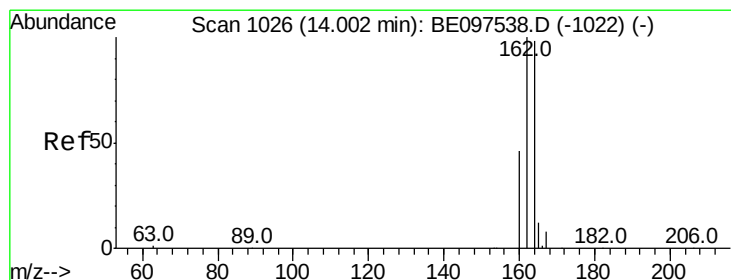
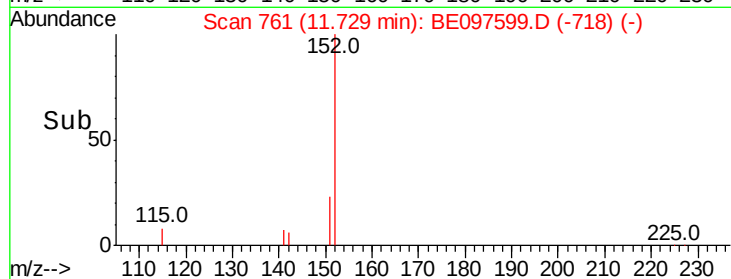
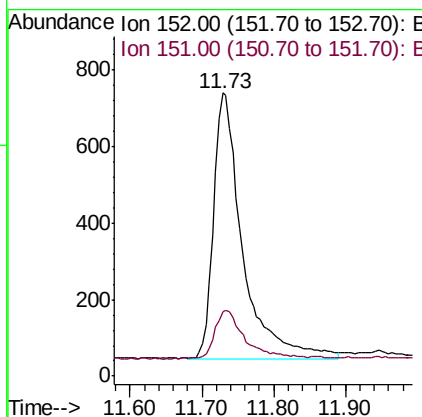
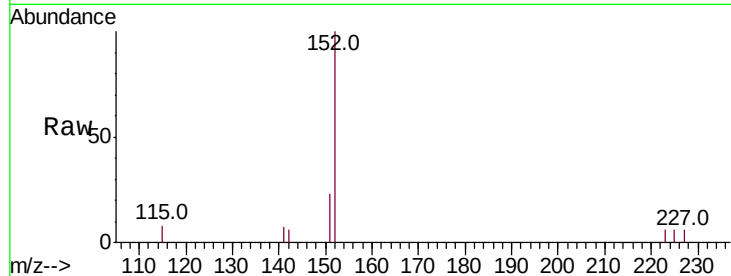
#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.01 min
Lab File: BE097599.D
Acq: 21 Sep 2018 7:23

Instrument :
BNA_E
ClientSampleId :
FT-PZ459I-20180917

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.4	23.0

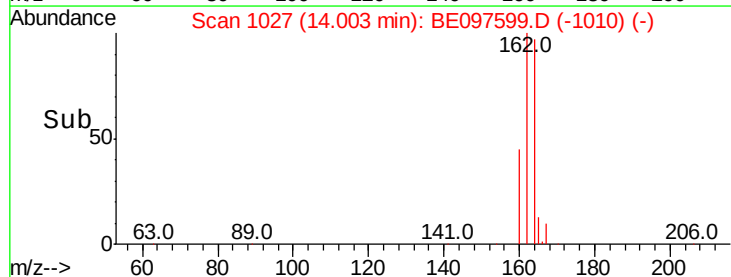
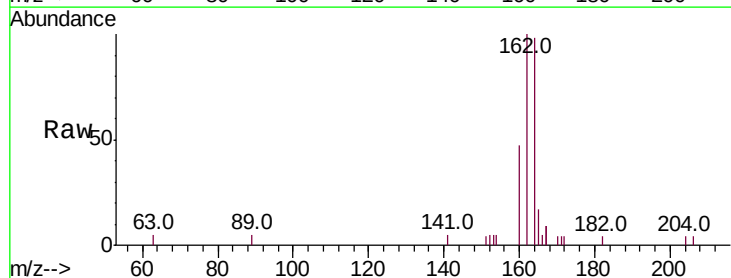
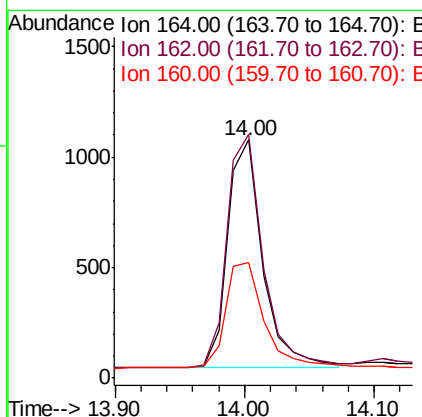
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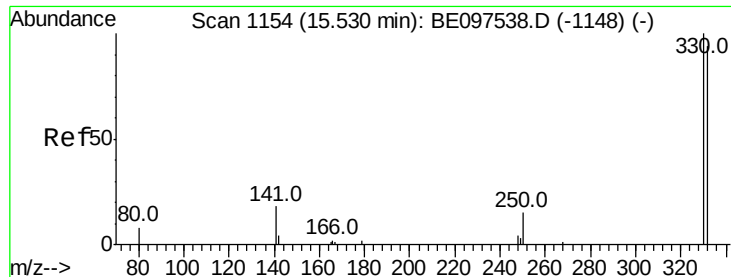
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097599.D
Acq: 21 Sep 2018 7:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.1	124.7
160	48.5	37.1	55.7





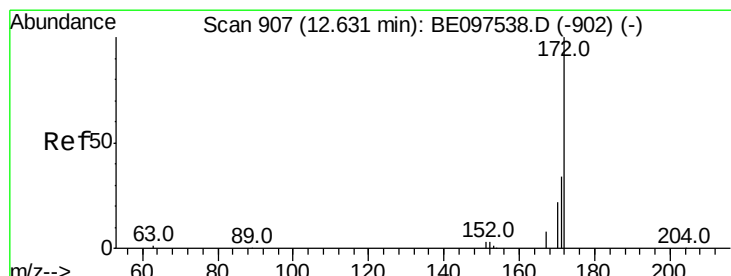
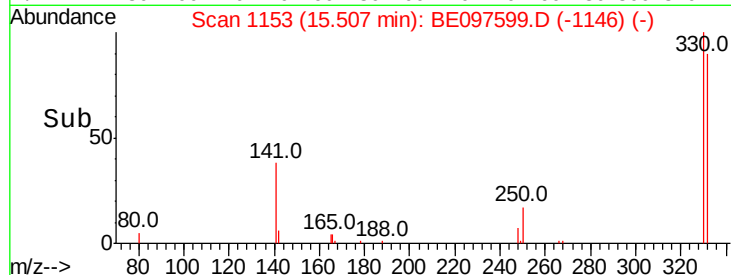
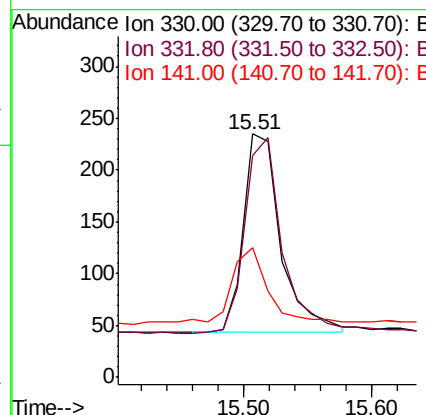
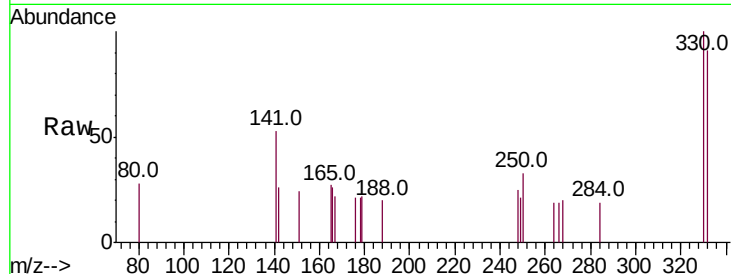
#14
 2,4,6-Tribromophenol
 Concen: 0.499 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BE097599.D
 Acq: 21 Sep 2018 7:23

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ459I-20180917

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	152.7	229.1#
141	33.3	33.7	50.5#

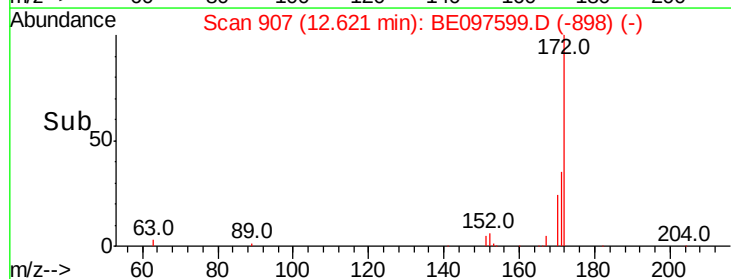
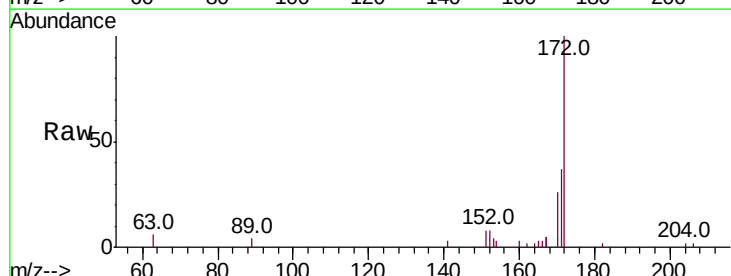
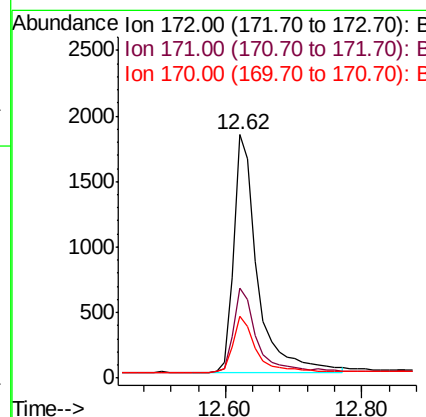
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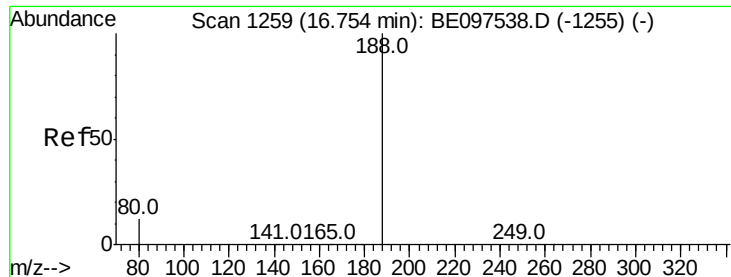
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#15
 2-Fluorobiphenyl
 Concen: 0.645 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097599.D
 Acq: 21 Sep 2018 7:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	25.5	21.8	32.8





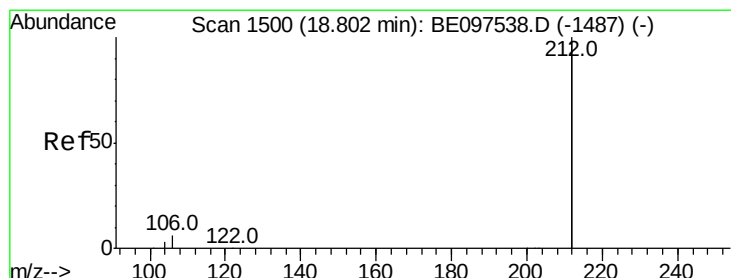
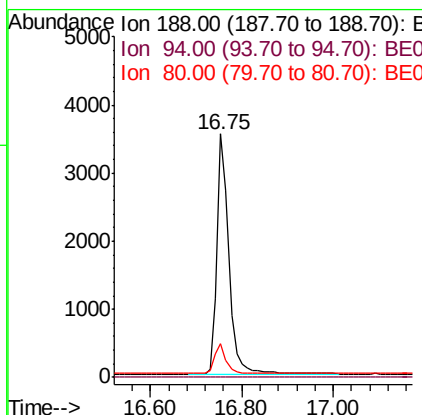
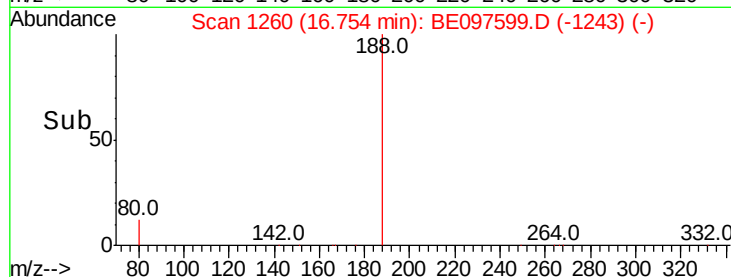
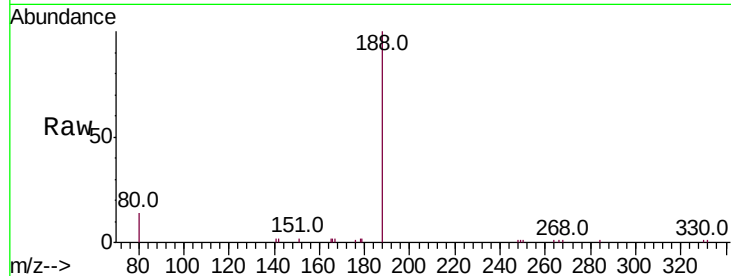
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097599.D
Acq: 21 Sep 2018 7:23

Instrument :
BNA_E
ClientSampleId :
FT-PZ459I-20180917

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	3.9	5.9#	
80	13.8	3.6	5.4#	

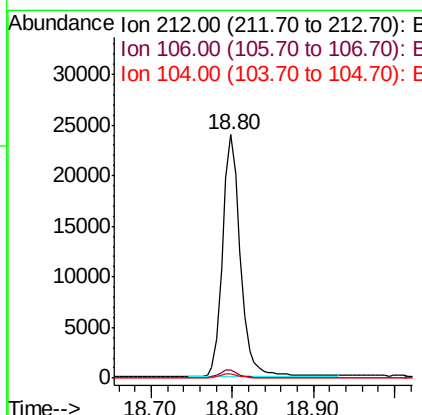
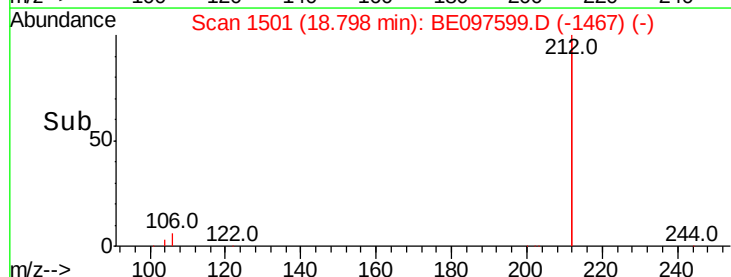
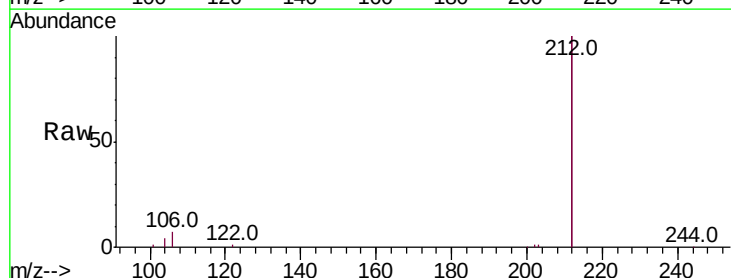
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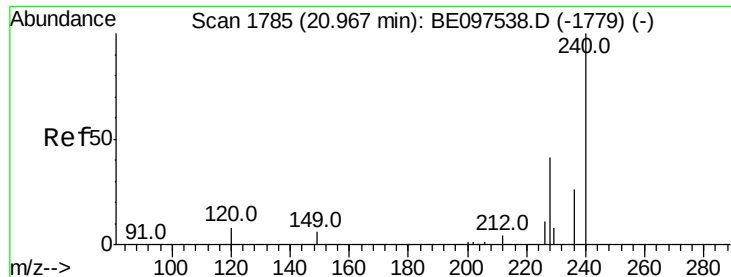
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#25
Fluoranthene-d10
Concen: 0.440 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE097599.D
Acq: 21 Sep 2018 7:23

Tgt Ion	Ratio	Resp	Lower	Upper
212	100			
106	3.2	2.8	4.2	
104	1.8	1.6	2.4	





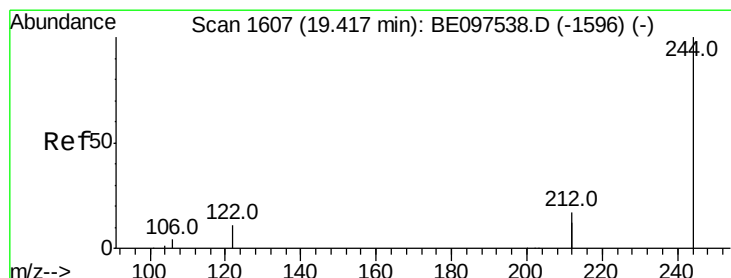
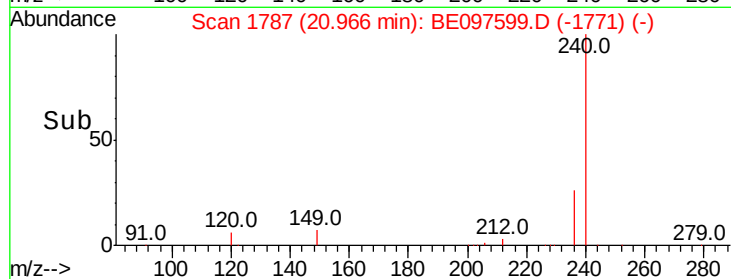
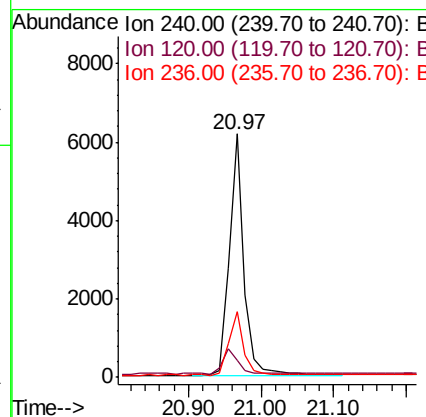
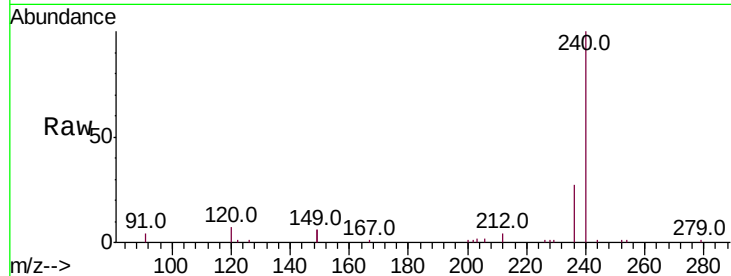
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097599.D
 Acq: 21 Sep 2018 7:23

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ459I-20180917

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.5	8.3
236	26.8	20.7	31.1

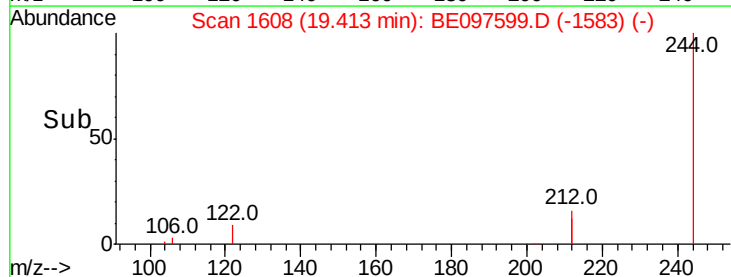
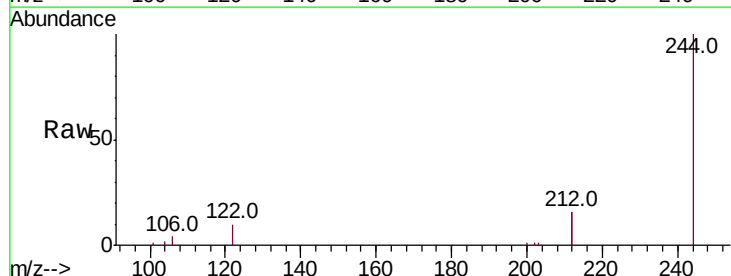
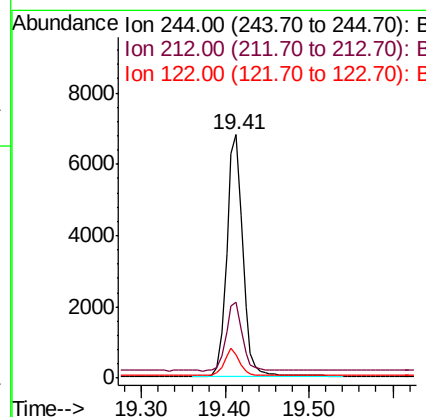
Manual Integrations
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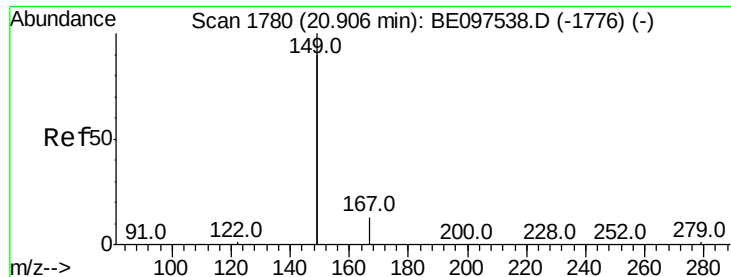
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#29
 Terphenyl-d14
 Concen: 0.563 ng
 RT: 19.41 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BE097599.D
 Acq: 21 Sep 2018 7:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.0	25.4	38.0
122	9.8	8.1	12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.146 ng

RT: 20.89 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BE097599.D

Acq: 21 Sep 2018 7:23

Instrument :

BNA_E

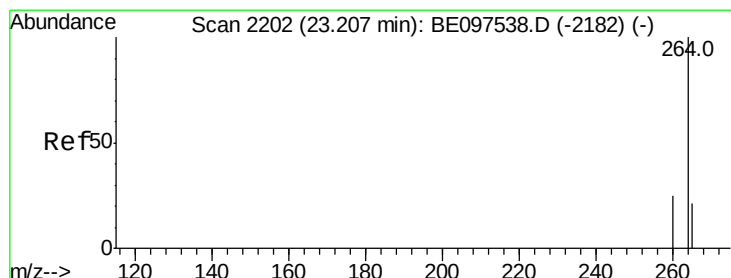
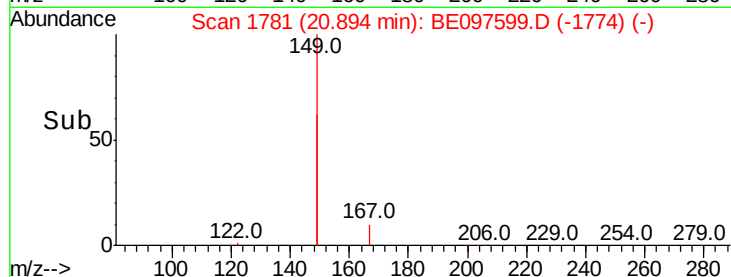
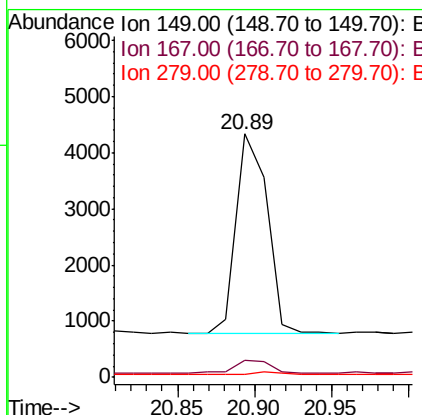
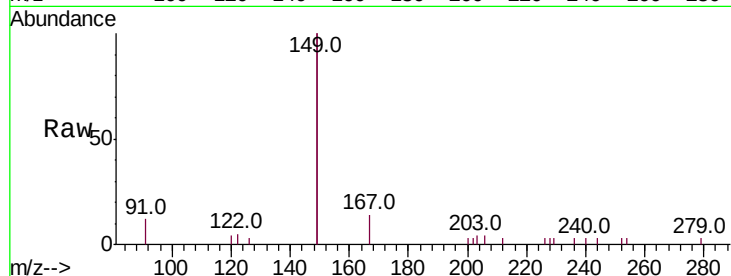
ClientSampleId :

FT-PZ459I-20180917

Tot Ion:	149	Resp:	5009
Ion Ratio	Lower	Upper	
149	100		
167	6.6	5.4	8.0
279	1.5	0.7	1.1#

Manual Integrations
APPROVED

Sohil
9/21/2018 4:09:48 PM



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097599.D

Acq: 21 Sep 2018 7:23

Tgt Ion:	264	Resp:	8679
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.5	30.7
265	28.2	22.8	34.2

