

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097598.D
 Acq On : 21 Sep 2018 6:47
 Operator : SJ/JU
 Sample : J4969-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ456I-20180917

Manual Integrations
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Quant Time: Sep 21 07:46:48 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	627	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2850	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1757	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	5774	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8010	0.40	ng	0.00
34) Perylene-d12	23.20	264	7799	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	308	0.16	ng	0.00
5) Phenol-d6	6.63	99	230m	0.10	ng	0.02
8) Nitrobenzene-d5	8.56	82	756	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	11.73	152	1806	0.46	ng	0.02
14) 2,4,6-Tribromophenol	15.51	330	354	0.50	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	3609	0.58	ng	0.01
25) Fluoranthene-d10	18.80	212	34094	0.46	ng	0.00
29) Terphenyl-d14	19.41	244	8125	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	386	0.356	ng	# 74
32) Bis(2-ethylhexyl)phthalate	20.89	149	4100	0.131	ng	# 99

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

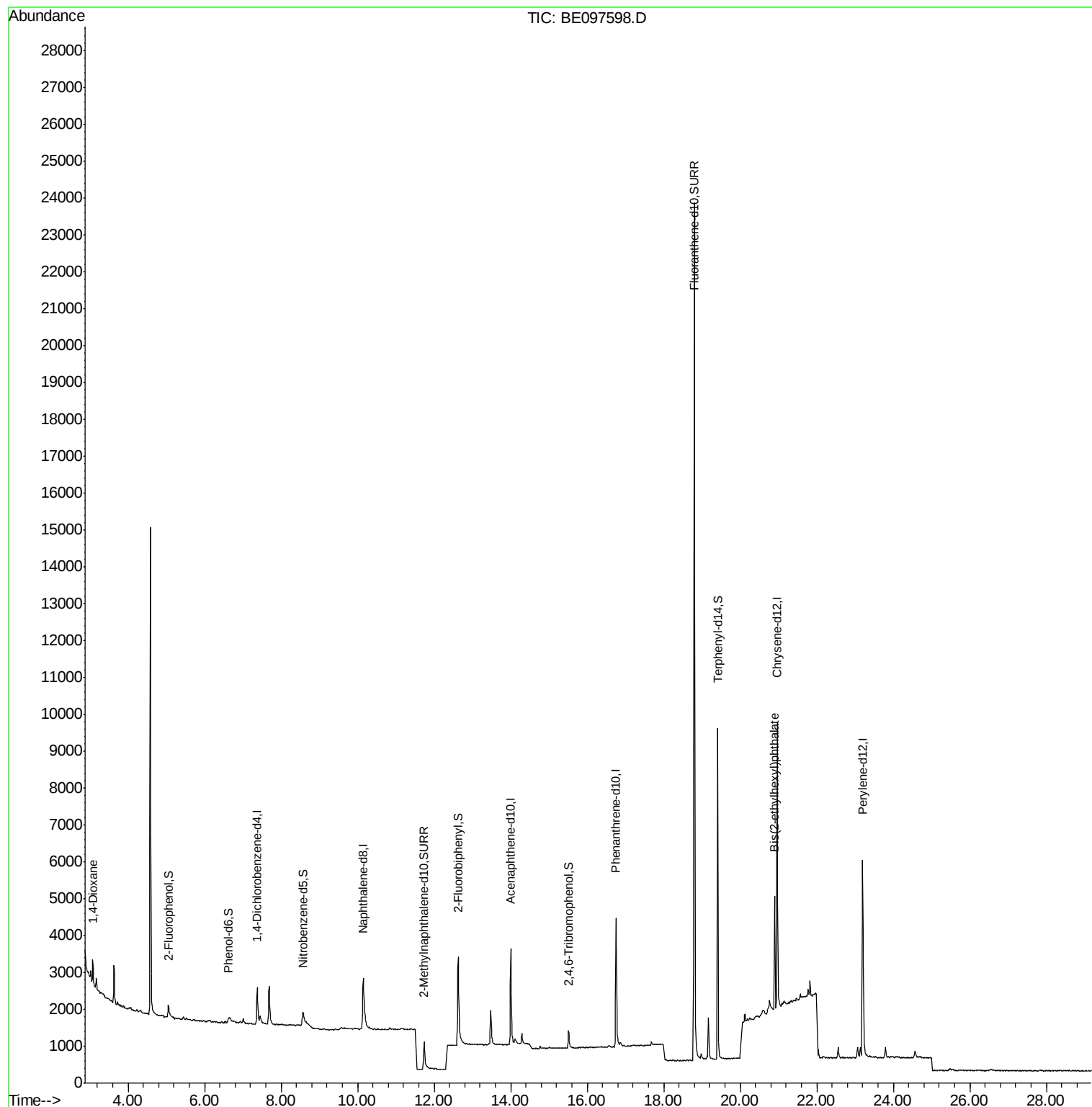
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
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ALS Vial : 26 Sample Multiplier: 1

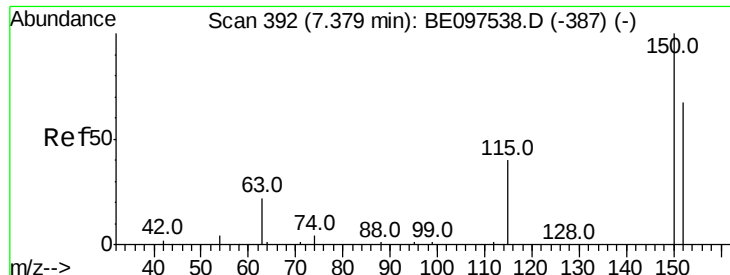
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#1

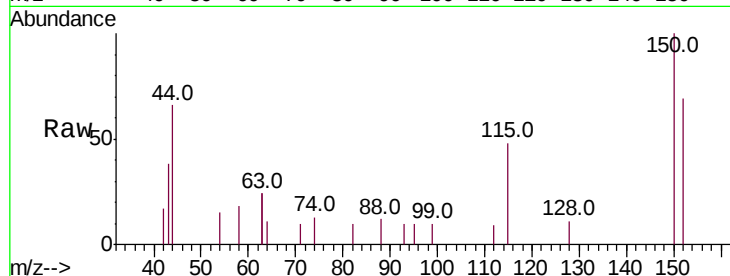
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097598.D
Acq: 21 Sep 2018 6:47

Instrument :
BNA_E
ClientSampleId :
FT-PZ456I-20180917

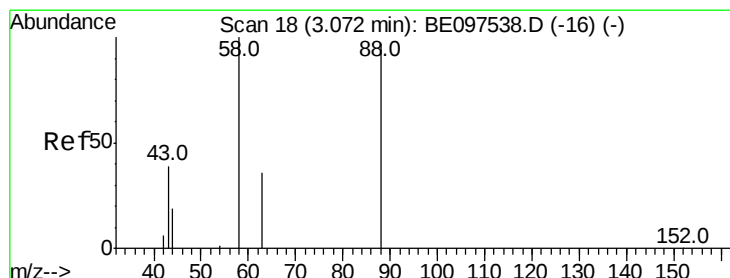
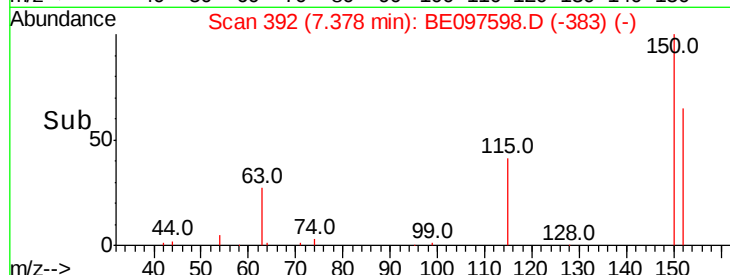
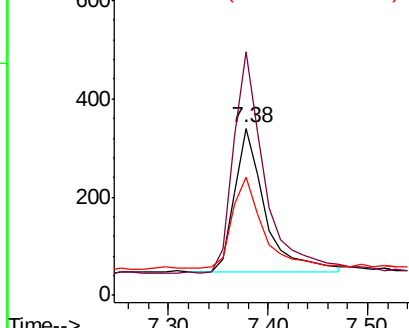
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	117.2	175.8
115	70.6	57.0	85.6

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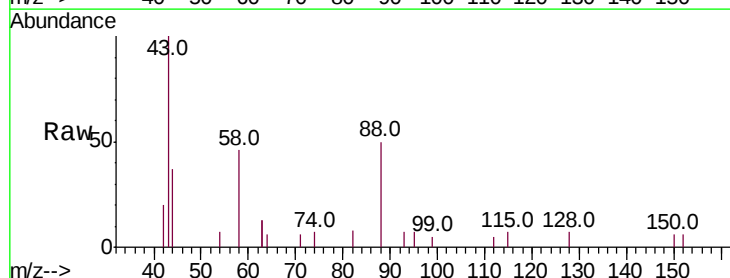
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



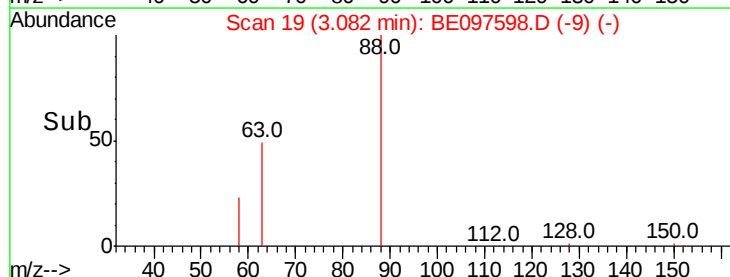
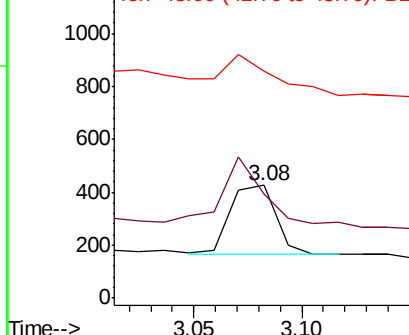
#2

1,4-Dioxane
Concen: 0.356 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097598.D
Acq: 21 Sep 2018 6:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	63.2	94.8#
43	70.7	41.2	61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.164 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

Instrument :

BNA_E

ClientSampleId :

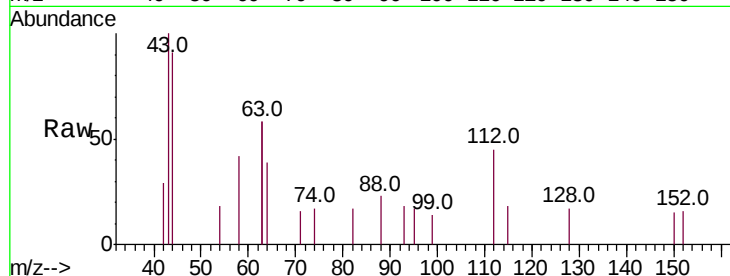
FT-PZ456I-20180917

Tot Ion:	112	Resp:	308
Ion Ratio	Lower	Upper	
112	100		
64	67.9	60.1	90.1
63	149.0	116.8	175.2

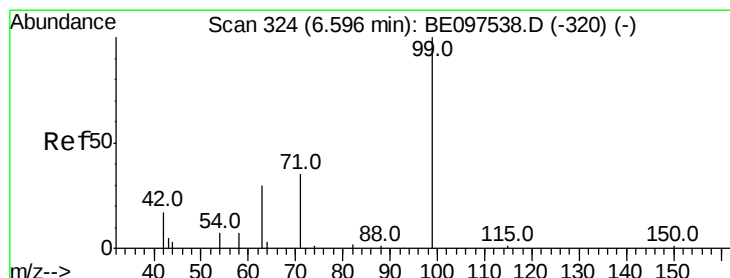
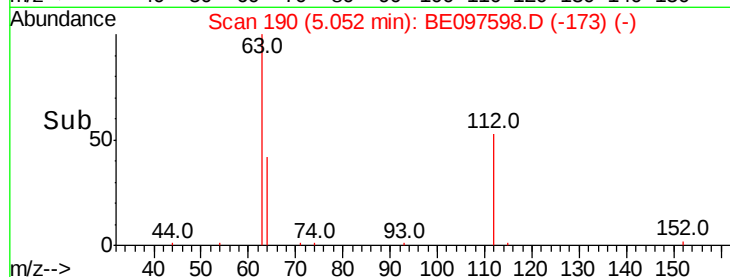
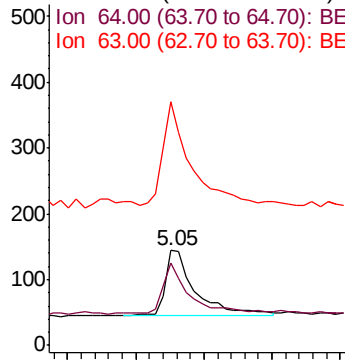
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Abundance Ion 112.00 (111.70 to 112.70): BE097538.D (-183) (-)



#5

Phenol-d6

Concen: 0.096 ng m

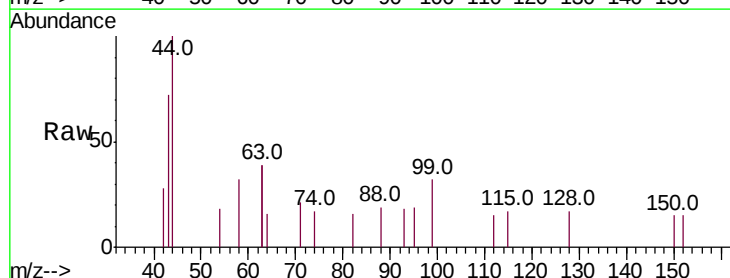
RT: 6.63 min Scan# 327

Delta R.T. 0.02 min

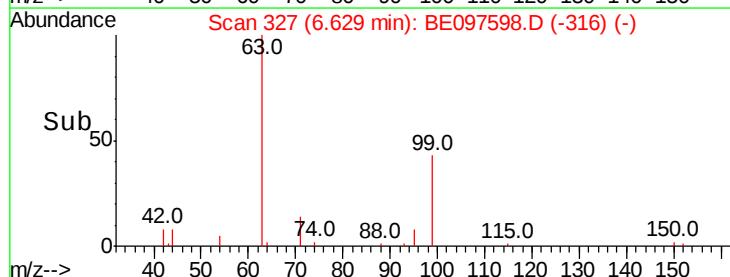
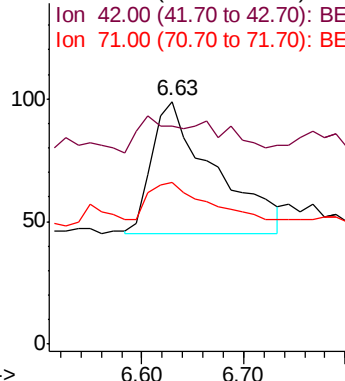
Lab File: BE097598.D

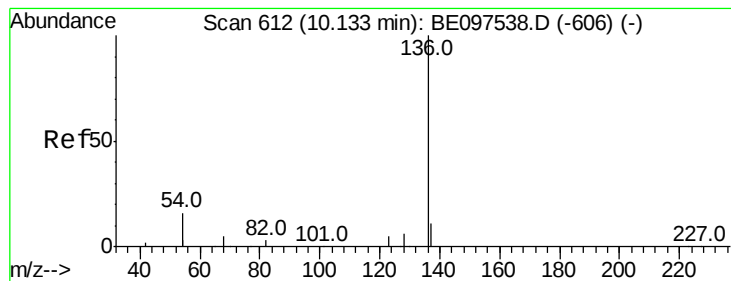
Acq: 21 Sep 2018 6:47

Tgt Ion:	99	Resp:	230
Ion Ratio	Lower	Upper	
99	100		
42	0.0	20.2	30.2#
71	20.0	28.4	42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE097538.D (-320) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

Instrument :

BNA_E

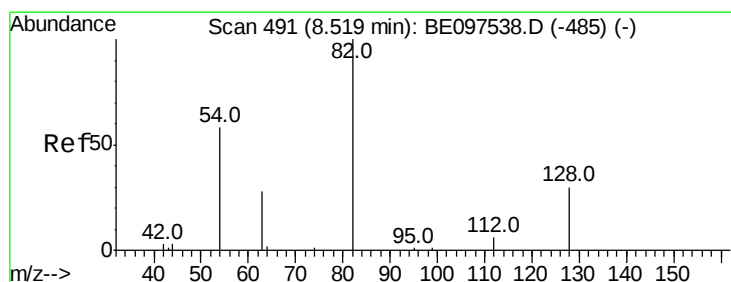
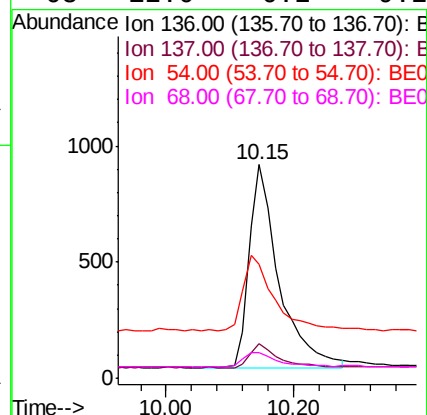
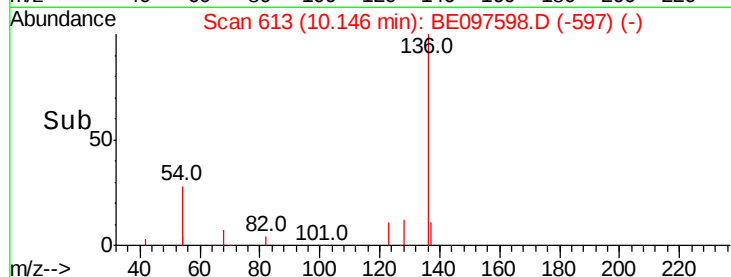
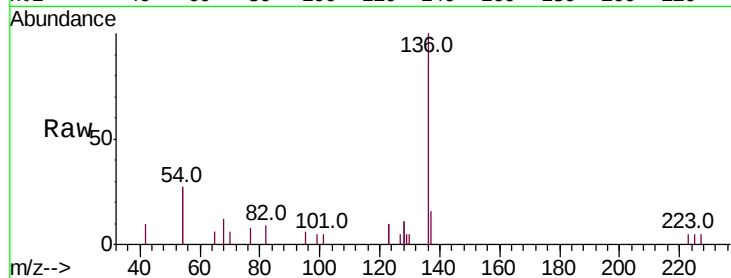
ClientSampleId :

FT-PZ456I-20180917

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	16.0	9.5	14.3#	
54	53.5	29.1	43.7#	
68	12.0	6.2	9.2#	

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#8

Nitrobenzene-d5

Concen: 0.343 ng

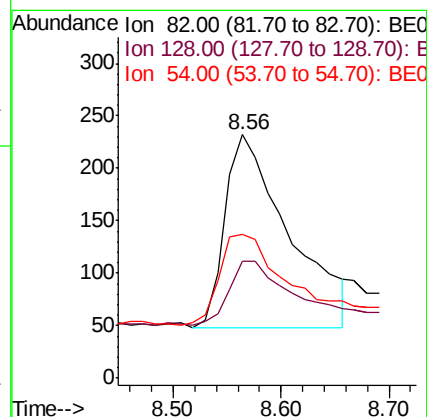
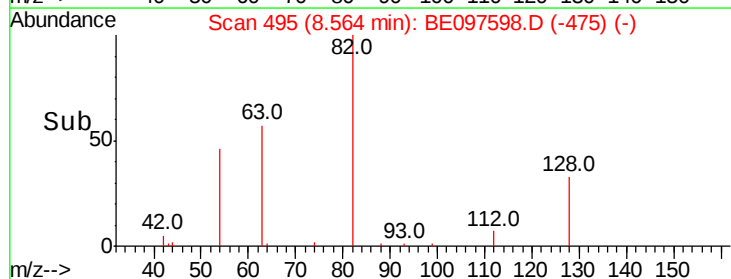
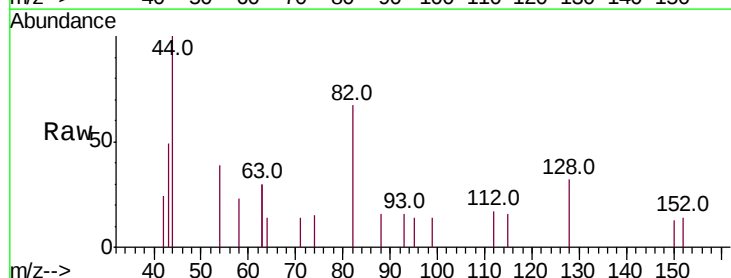
RT: 8.56 min Scan# 495

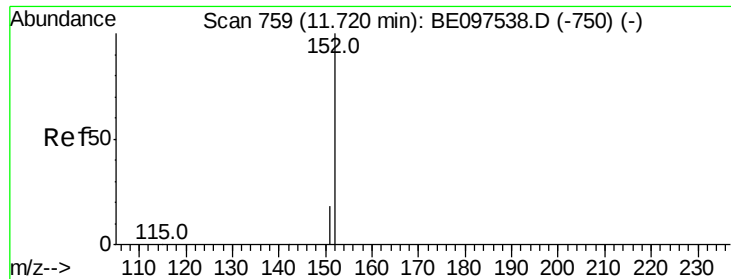
Delta R.T. 0.03 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	24.0	36.0#	
54	59.1	40.0	60.0	





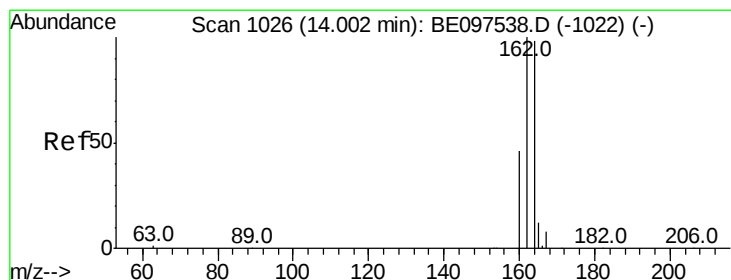
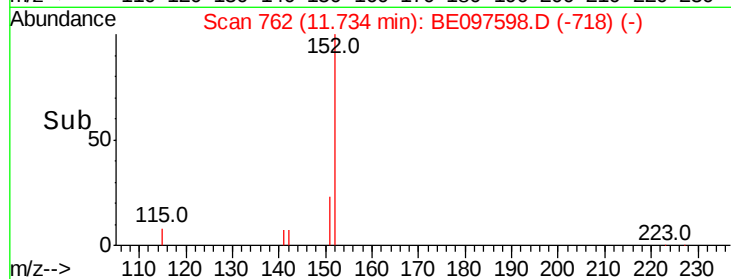
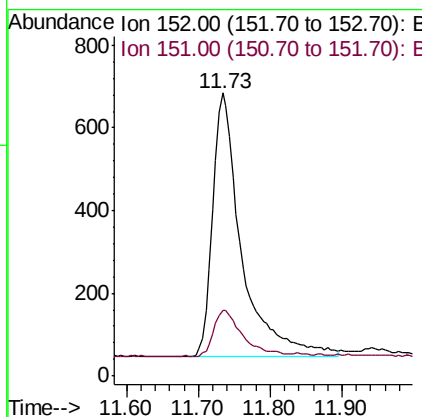
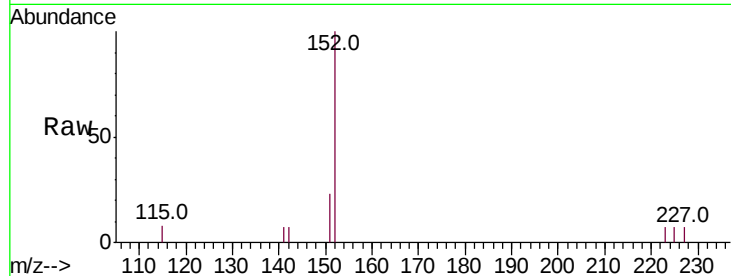
#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.02 min
Lab File: BE097598.D
Acq: 21 Sep 2018 6:47

Instrument :
BNA_E
ClientSampleId :
FT-PZ456I-20180917

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.1	15.4	23.0

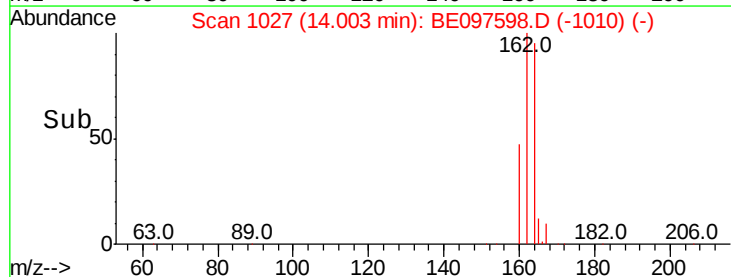
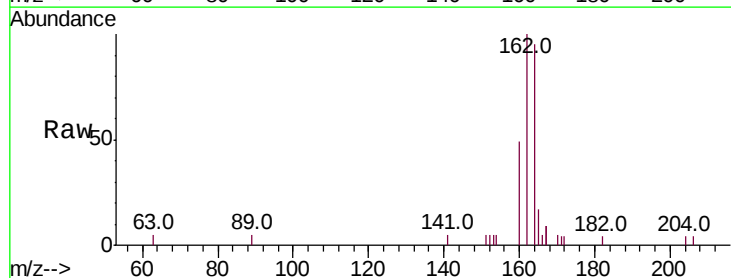
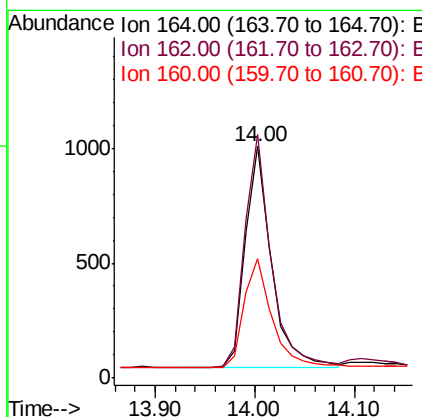
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097598.D
Acq: 21 Sep 2018 6:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.1	124.7
160	51.8	37.1	55.7





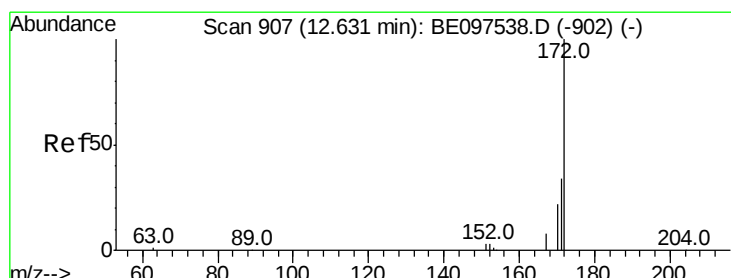
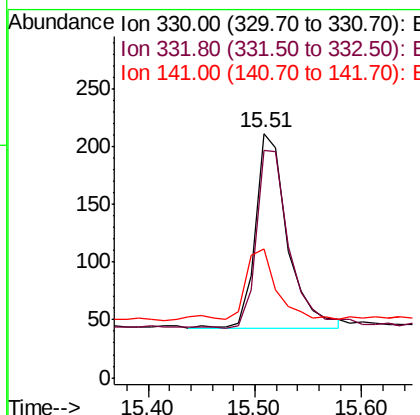
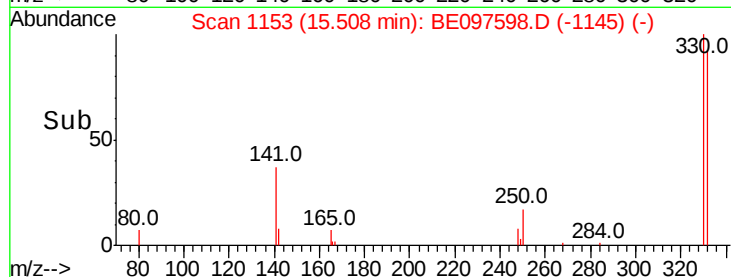
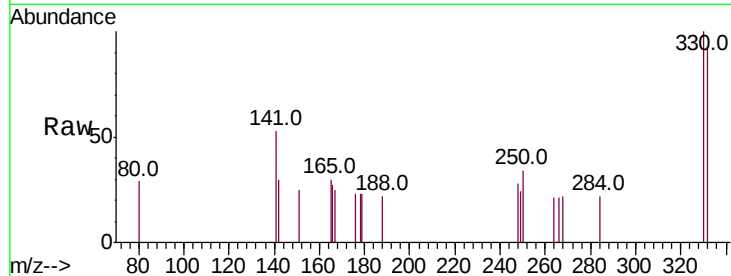
#14
 2,4,6-Tribromophenol
 Concen: 0.504 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BE097598.D
 Acq: 21 Sep 2018 6:47

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ456I-20180917

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	152.7	229.1#
141	34.5	33.7	50.5

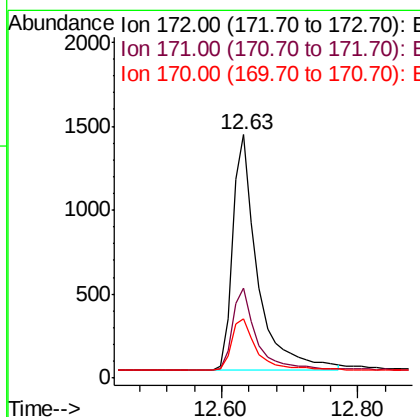
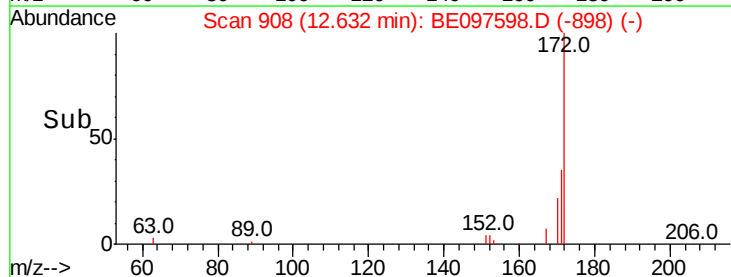
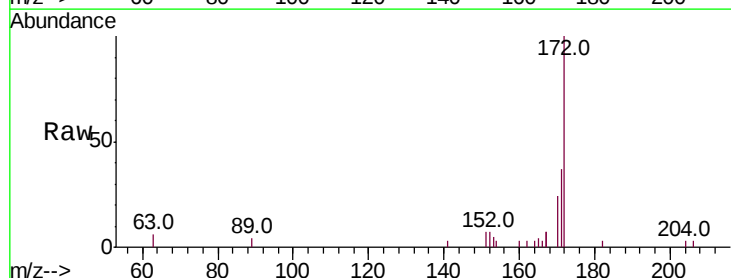
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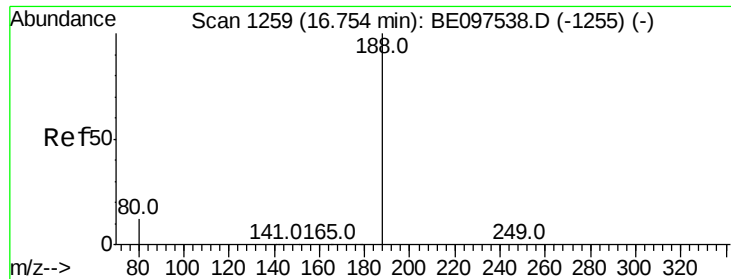
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#15
 2-Fluorobiphenyl
 Concen: 0.581 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BE097598.D
 Acq: 21 Sep 2018 6:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.3	21.8	32.8





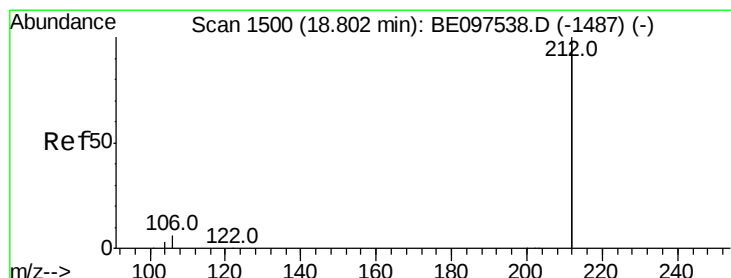
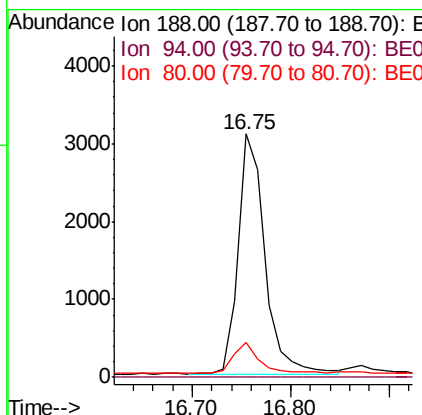
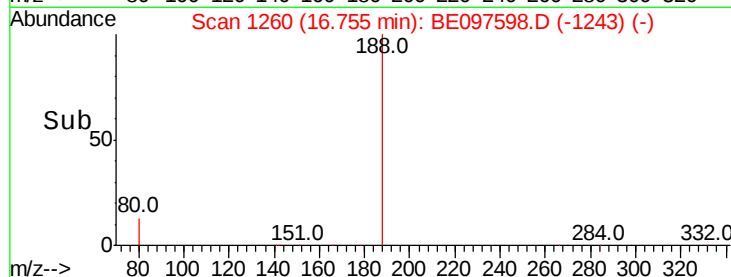
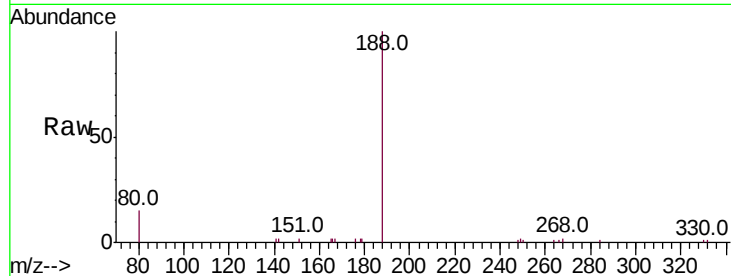
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097598.D
Acq: 21 Sep 2018 6:47

Instrument :
BNA_E
ClientSampleId :
FT-PZ456I-20180917

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.5	3.6	5.4#

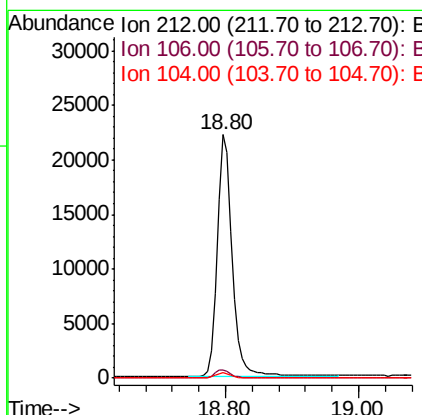
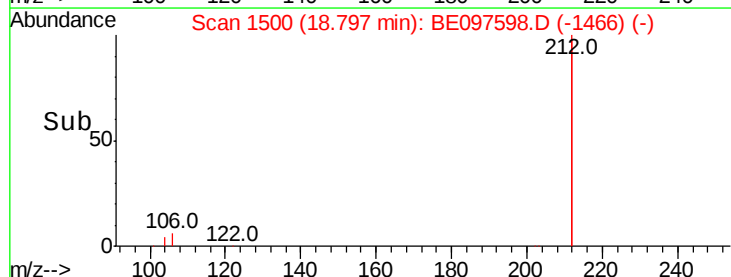
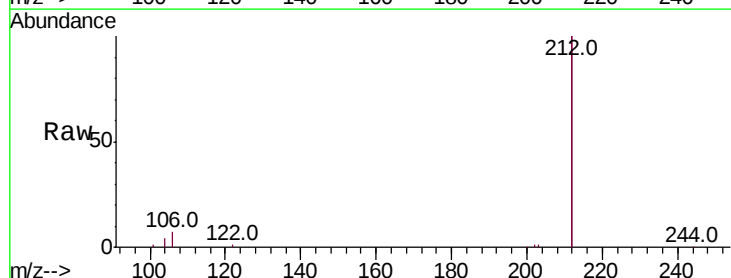
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#25
Fluoranthene-d10
Concen: 0.461 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE097598.D
Acq: 21 Sep 2018 6:47

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





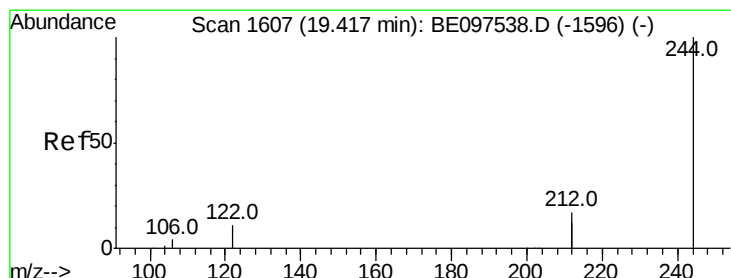
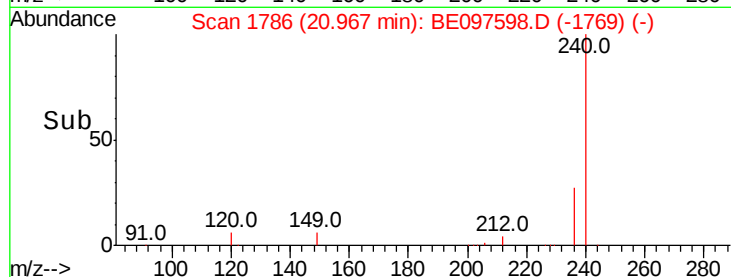
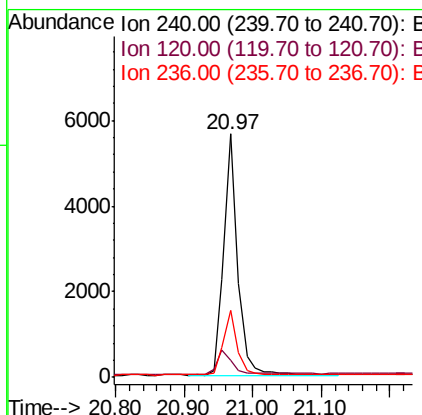
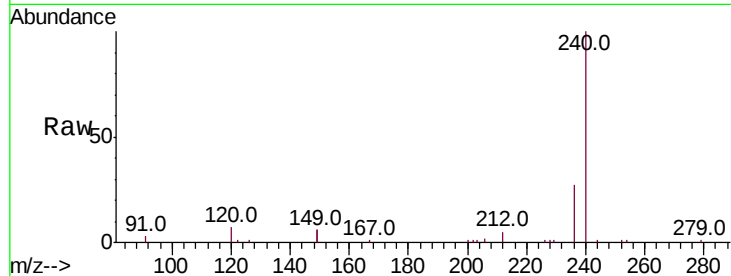
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097598.D
 Acq: 21 Sep 2018 6:47

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ456I-20180917

Tot Ion:240 Resp: 8010
 Ion Ratio Lower Upper
 240 100
 120 7.2 5.5 8.3
 236 27.4 20.7 31.1

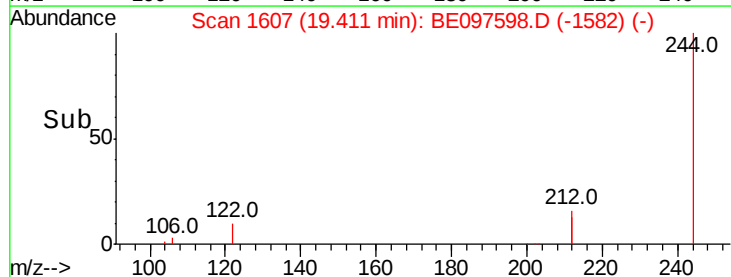
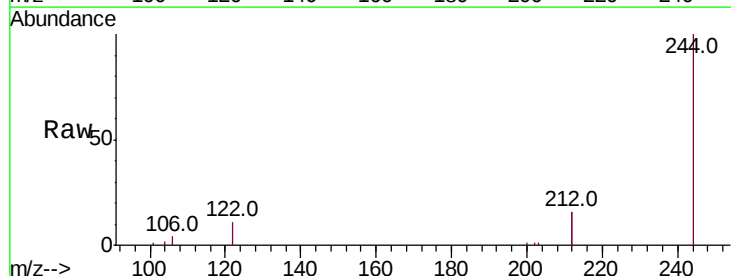
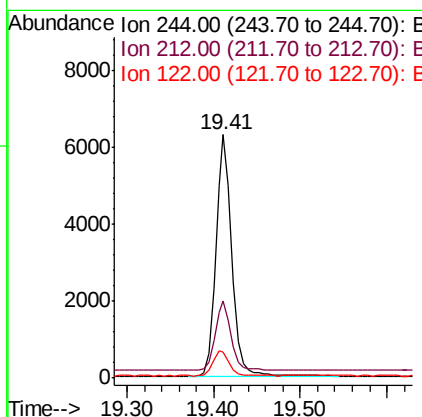
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#29
 Terphenyl-d14
 Concen: 0.554 ng
 RT: 19.41 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BE097598.D
 Acq: 21 Sep 2018 6:47

Tgt Ion:244 Resp: 8125
 Ion Ratio Lower Upper
 244 100
 212 31.7 25.4 38.0
 122 10.7 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.131 ng

RT: 20.89 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

Instrument :

BNA_E

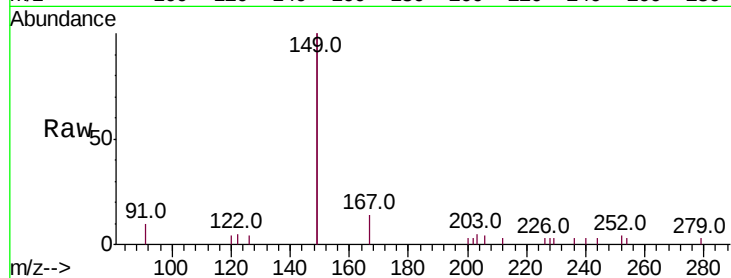
ClientSampleId :

FT-PZ456I-20180917

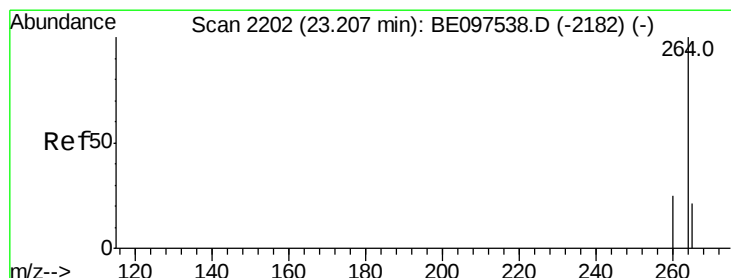
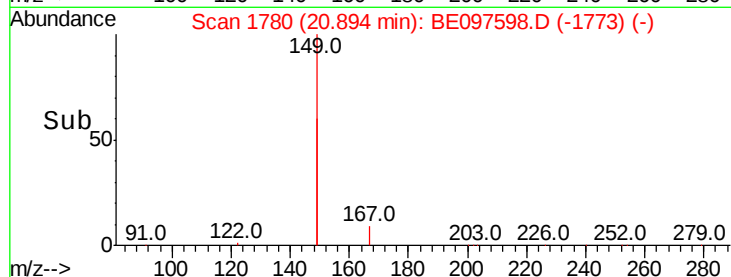
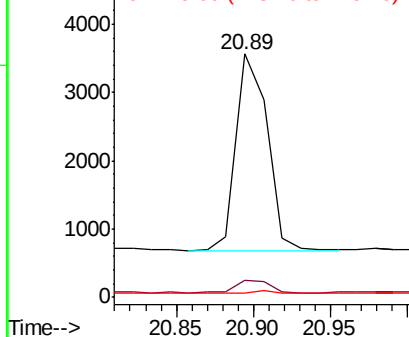
Tot Ion:	149	Resp:	4100
Ion Ratio	Lower	Upper	
149	100		
167	6.4	5.4	8.0
279	1.2	0.7	1.1#

Manual Integrations
APPROVED

Sohil
9/21/2018 4:09:45 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

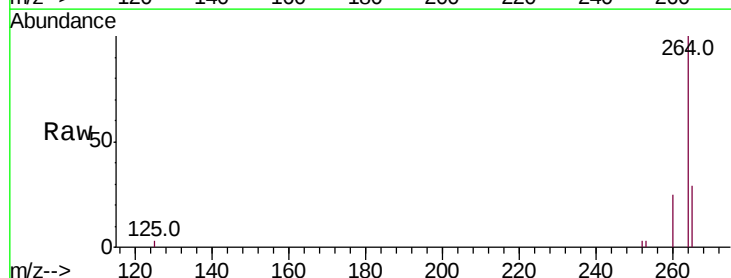
RT: 23.20 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

Tgt Ion:	264	Resp:	7799
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.5	30.7
265	28.5	22.8	34.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

