

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097585.D
 Acq On : 20 Sep 2018 22:08
 Operator : SJ/JU
 Sample : J4934-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ461I-20180912

Manual Integrations
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 9/21/2018 4:09:19 PM

Quant Time: Sep 21 06:49:47 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	840	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3797	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2317	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7647	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10908	0.40	ng	0.00
34) Perylene-d12	23.20	264	10812	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	524	0.21	ng	0.00
5) Phenol-d6	6.64	99	392m	0.12	ng	0.04
8) Nitrobenzene-d5	8.55	82	1163	0.40	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	2380	0.45	ng	0.01
14) 2,4,6-Tribromophenol	15.51	330	639	0.65	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	5154	0.63	ng	0.01
25) Fluoranthene-d10	18.80	212	46641	0.48	ng	0.00
29) Terphenyl-d14	19.41	244	11320	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	8396	6.486	ng	# 89
32) Bis(2-ethylhexyl)phthalate	20.91	149	3575	0.088	ng	# 100

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

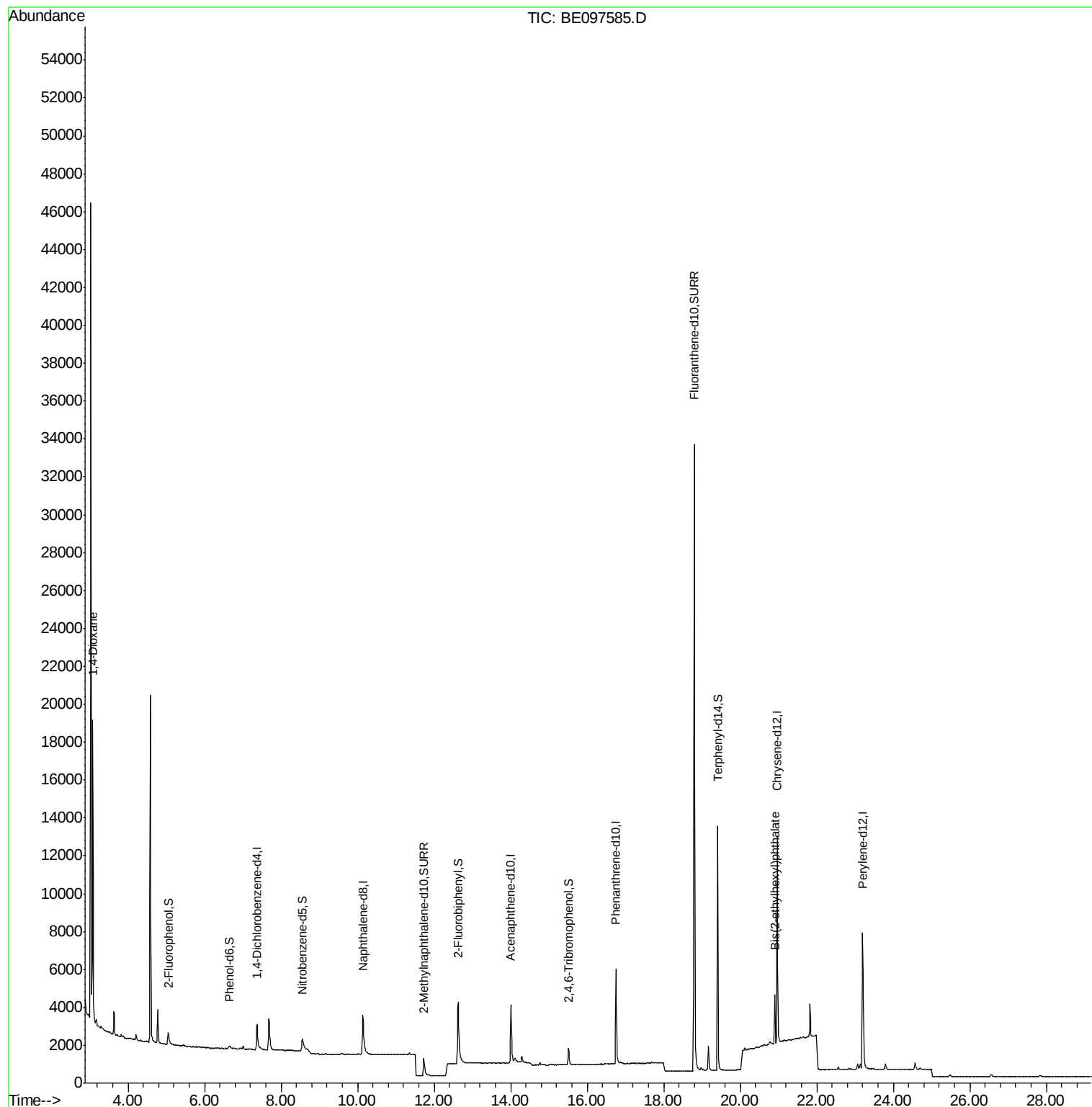
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097585.D
Acq On : 20 Sep 2018 22:08
Operator : SJ/JU
Sample : J4934-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

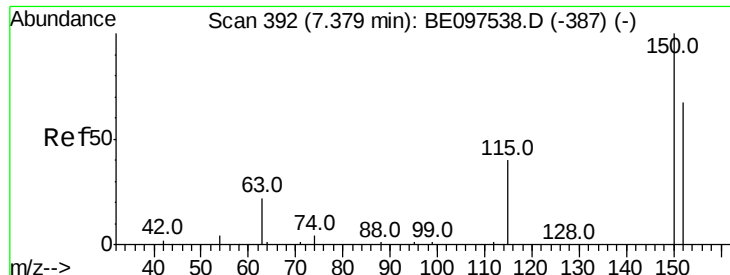
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
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QLast Update : Thu Sep 20 10:54:43 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.38 min Scan# 392

Delta R.T. 0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

Instrument :

BNA_E

ClientSampleId :

FT-PZ461I-20180912

Tot Ion:152 Resp: 840

Ion Ratio Lower Upper

152 100

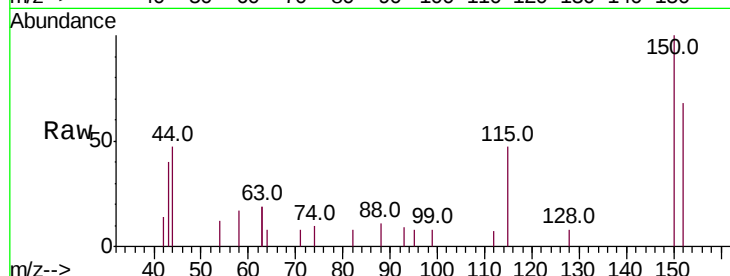
150 147.1 117.2 175.8

115 68.7 57.0 85.6

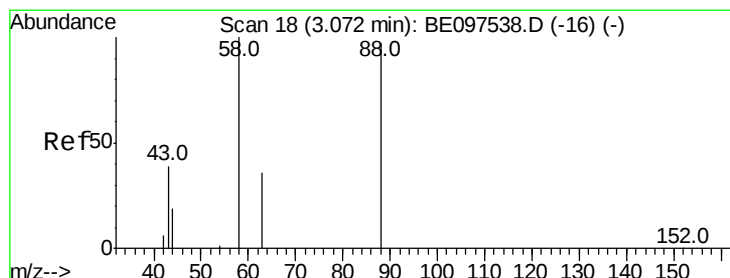
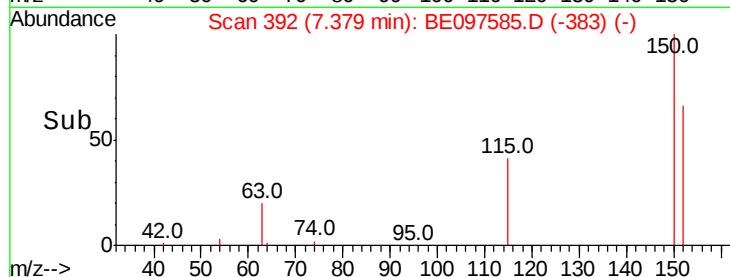
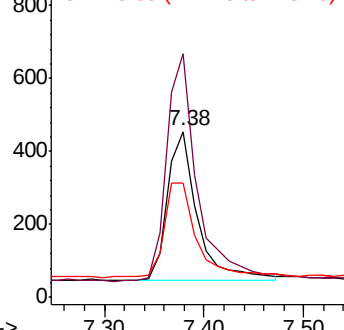
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 6.486 ng

RT: 3.07 min Scan# 18

Delta R.T. 0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

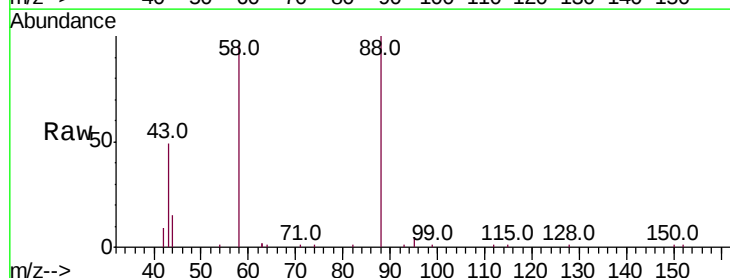
Tgt Ion: 88 Resp: 8396

Ion Ratio Lower Upper

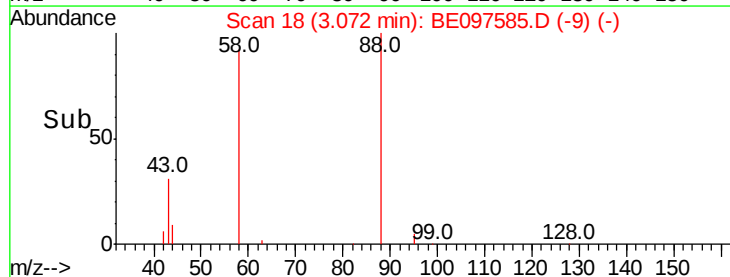
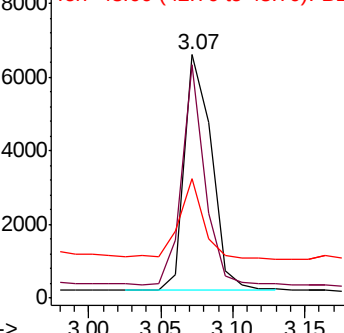
88 100

58 78.7 63.2 94.8

43 32.0 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: 0.208 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

Instrument :

BNA_E

ClientSampleId :

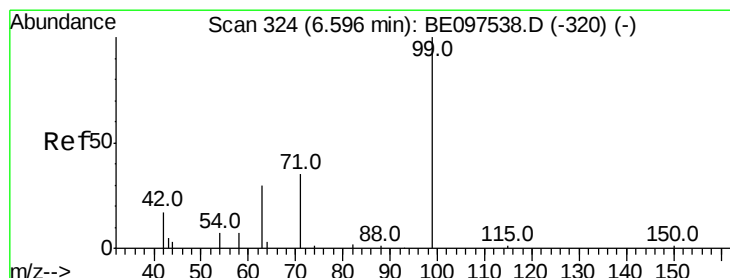
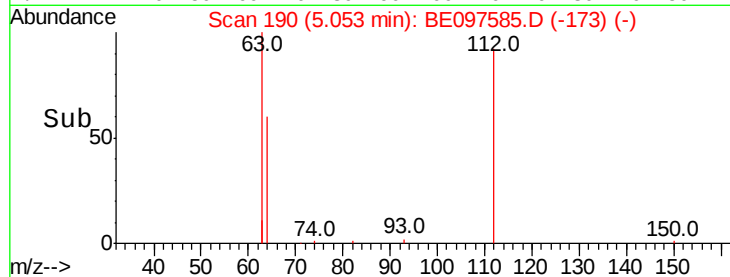
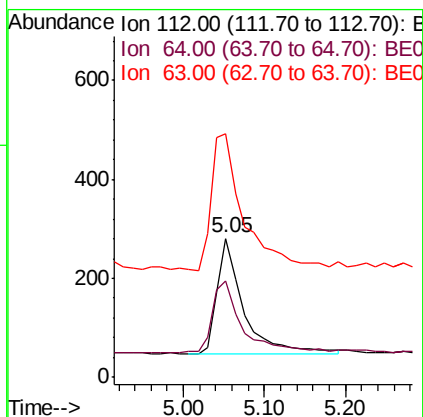
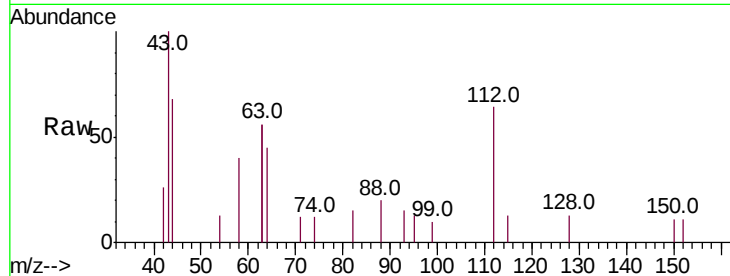
FT-PZ461I-20180912

Tot Ion:	112	Resp:	524
Ion	Ratio	Lower	Upper
112	100		
64	72.9	60.1	90.1
63	145.6	116.8	175.2

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#5

Phenol-d6

Concen: 0.122 ng m

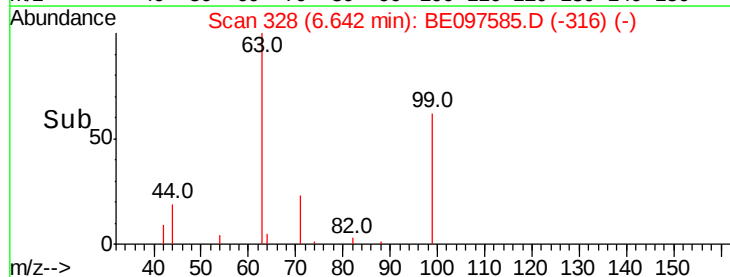
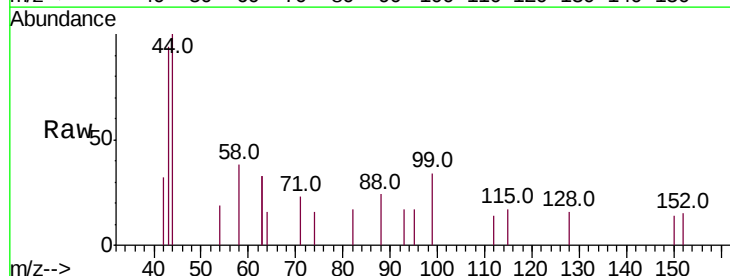
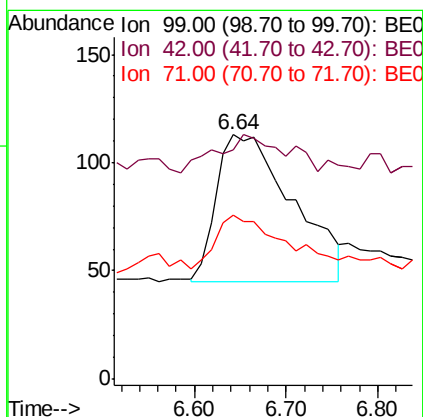
RT: 6.64 min Scan# 328

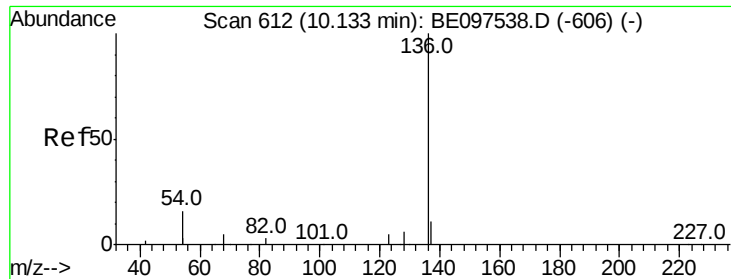
Delta R.T. 0.04 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

Tgt Ion:	99	Resp:	392
Ion	Ratio	Lower	Upper
99	100		
42	14.0	20.2	30.2#
71	14.3	28.4	42.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

Instrument :

BNA_E

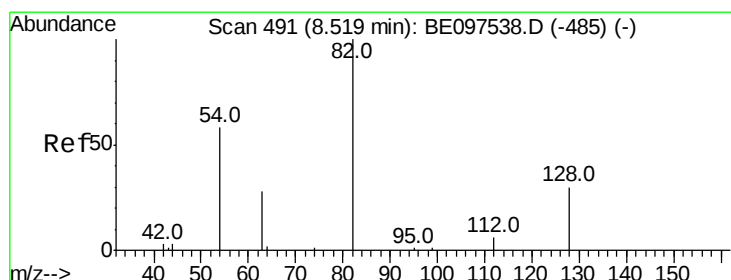
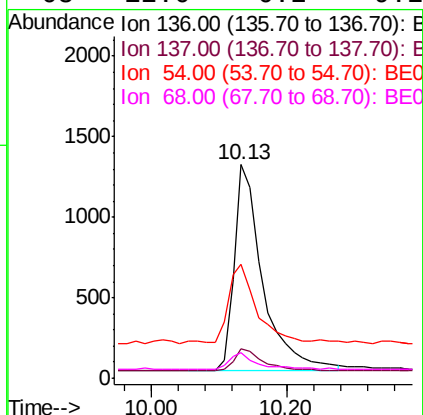
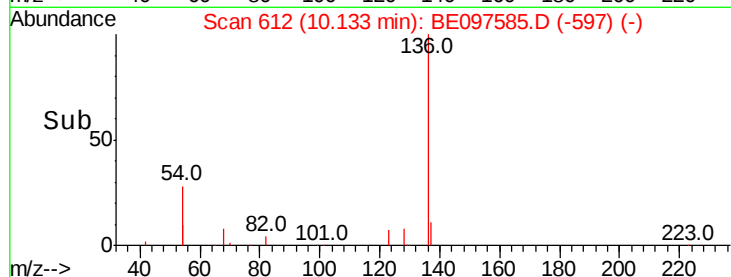
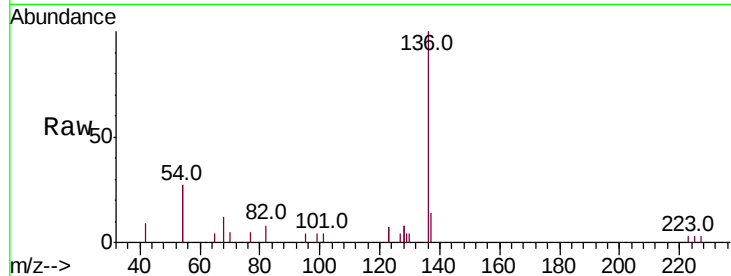
ClientSampleId :

FT-PZ461I-20180912

Tot Ion	Ratio	Resp	Lower	Upper
136	100	3797		
137	13.6		9.5	14.3
54	53.4		29.1	43.7#
68	12.0		6.2	9.2#

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#8

Nitrobenzene-d5

Concen: 0.396 ng

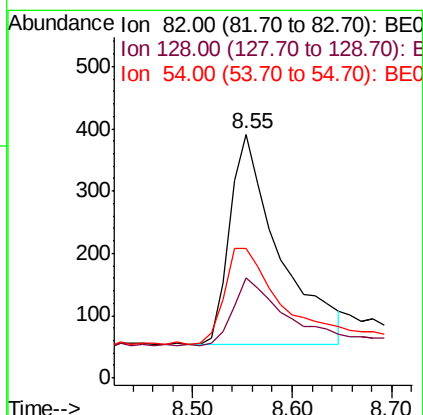
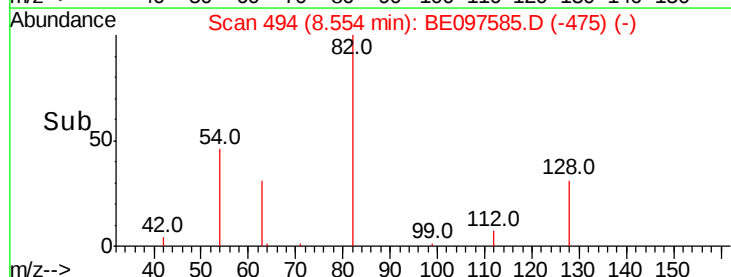
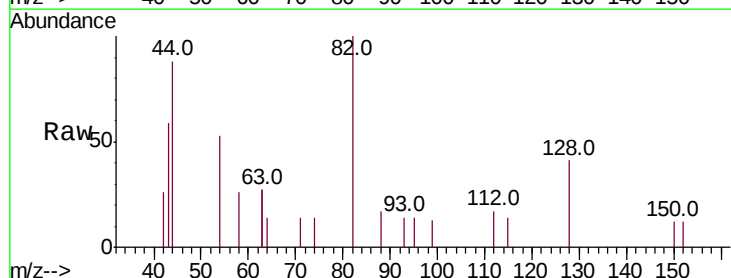
RT: 8.55 min Scan# 494

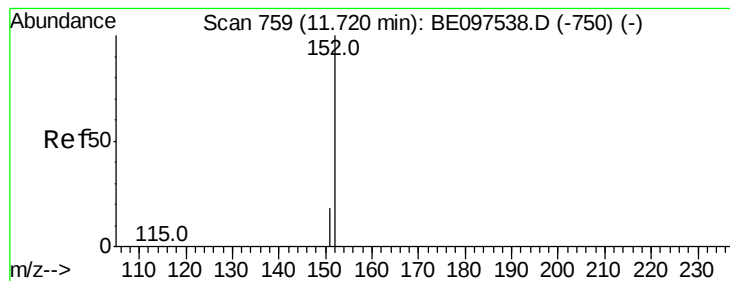
Delta R.T. 0.02 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1163		
128	40.9		24.0	36.0#
54	52.9		40.0	60.0





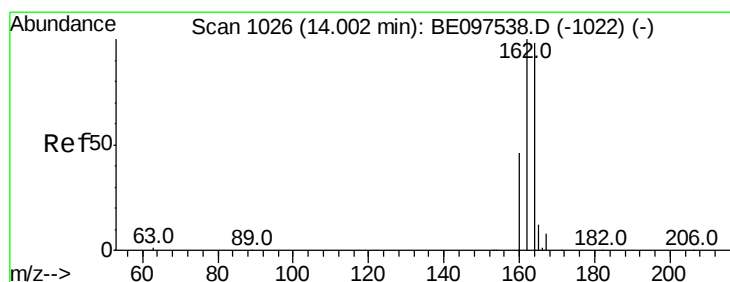
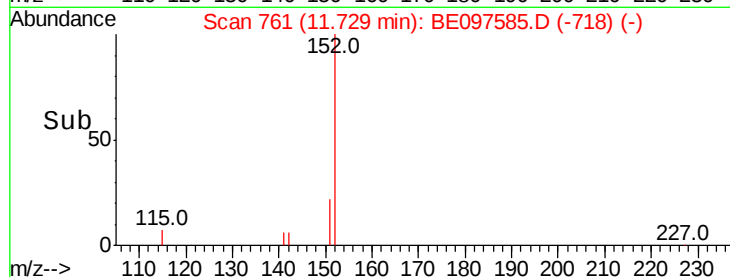
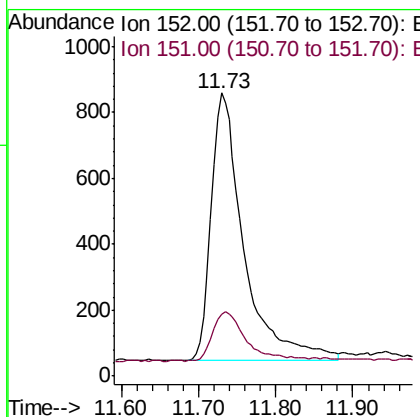
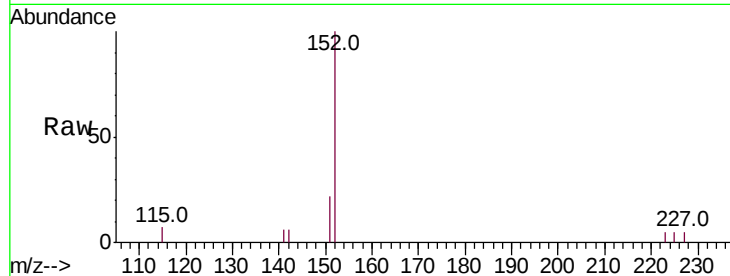
#11
2-Methylnaphthalene-d10
Concen: 0.455 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.01 min
Lab File: BE097585.D
Acq: 20 Sep 2018 22:08

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.4	23.0

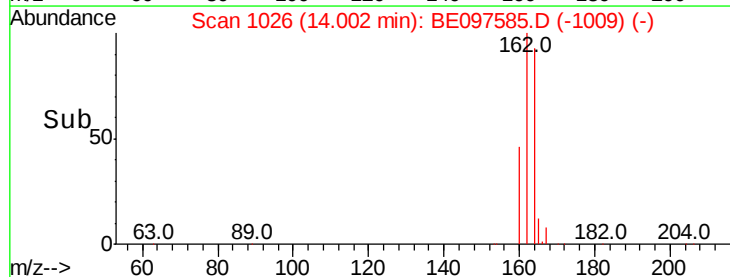
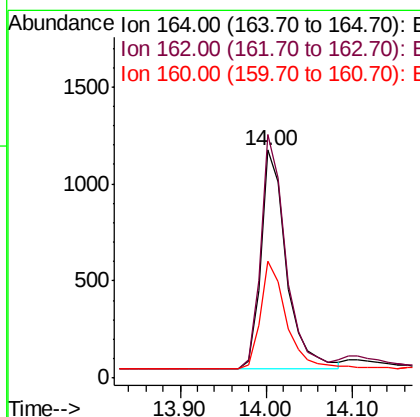
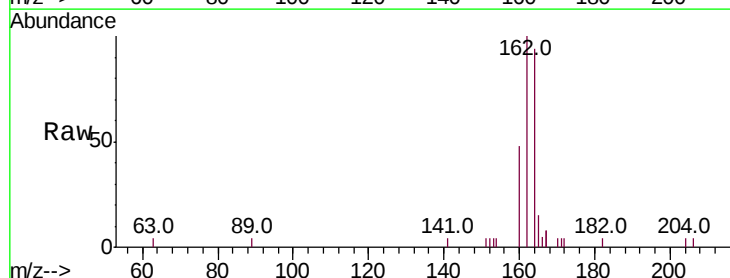
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097585.D
Acq: 20 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.1	124.7
160	51.4	37.1	55.7





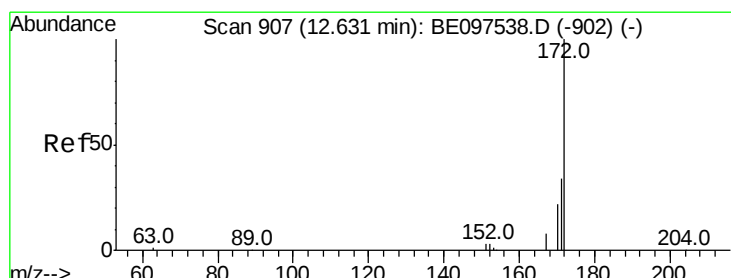
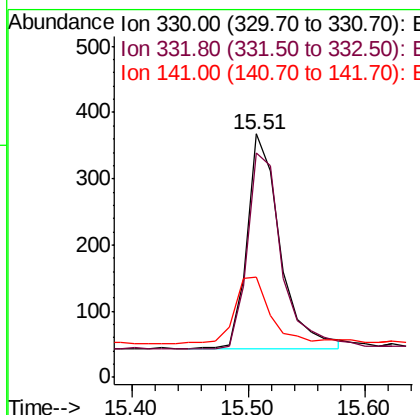
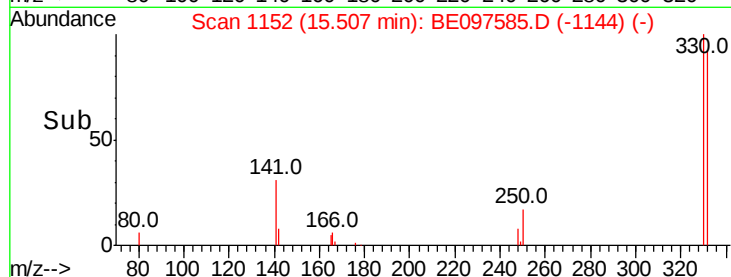
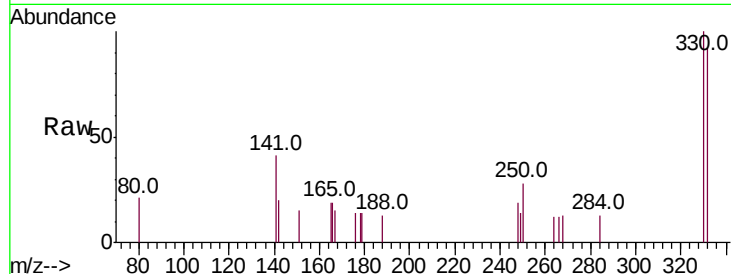
#14
 2,4,6-Tribromophenol
 Concen: 0.652 ng
 RT: 15.51 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BE097585.D
 Acq: 20 Sep 2018 22:08

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ461I-20180912

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	152.7	229.1#
141	33.6	33.7	50.5#

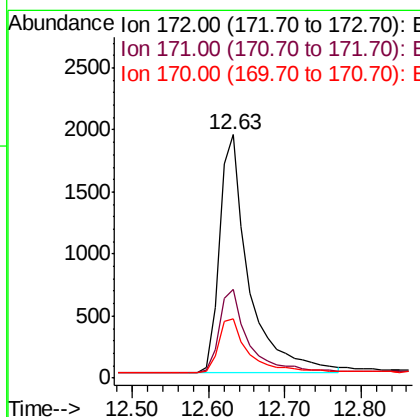
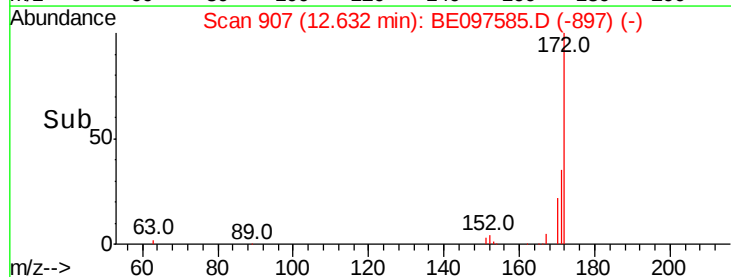
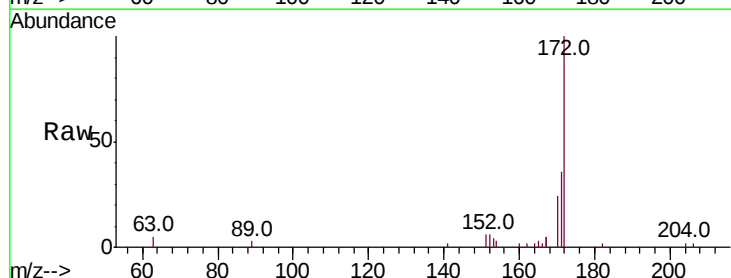
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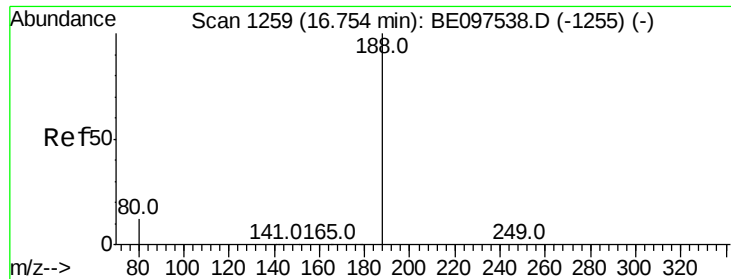
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#15
 2-Fluorobiphenyl
 Concen: 0.629 ng
 RT: 12.63 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BE097585.D
 Acq: 20 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	24.1	21.8	32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BE097585.D

Acq: 20 Sep 2018 22:08

Instrument :

BNA_E

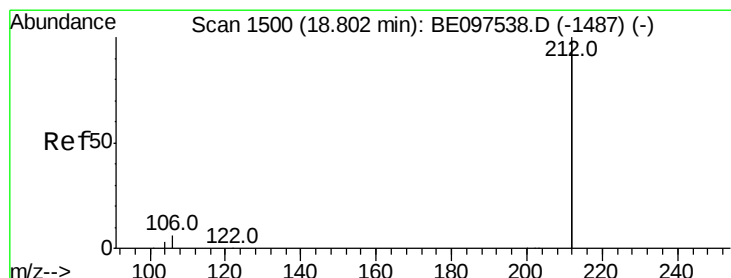
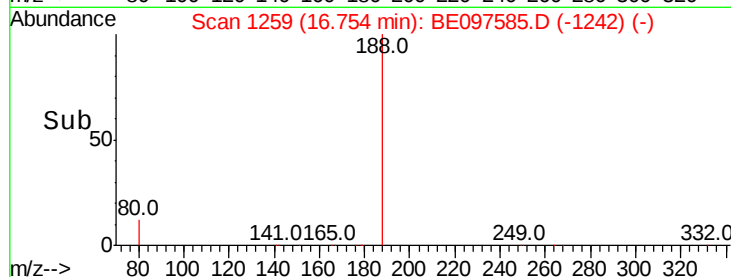
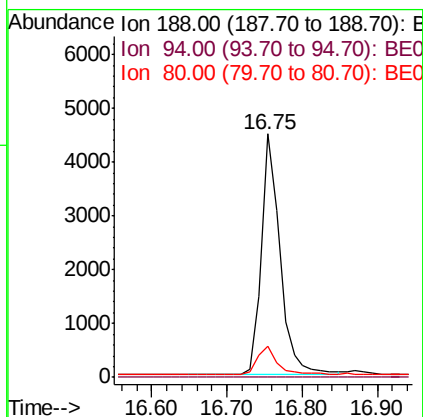
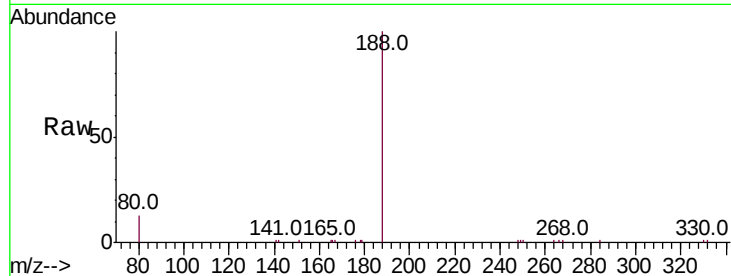
ClientSampleId :

FT-PZ461I-20180912

Tot Ion:	188	Resp:	7647
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	12.8	3.6	5.4#

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#25

Fluoranthene-d10

Concen: 0.476 ng

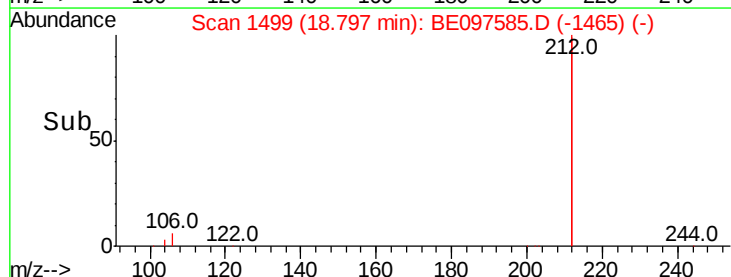
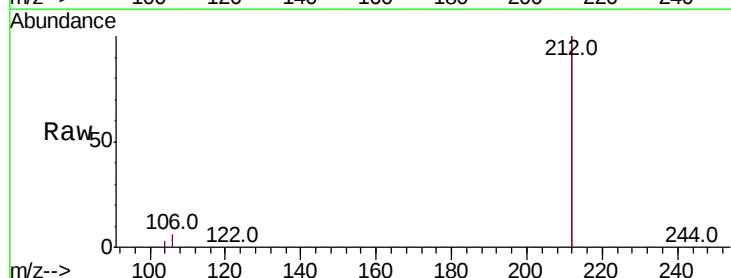
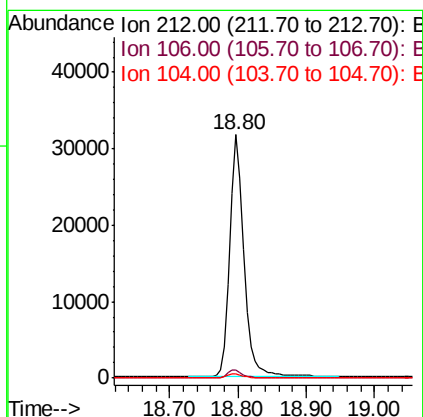
RT: 18.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE097585.D

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Tgt Ion:	212	Resp:	46641
Ion Ratio	Lower	Upper	
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4





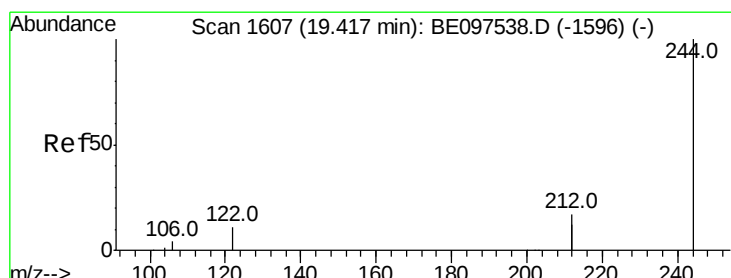
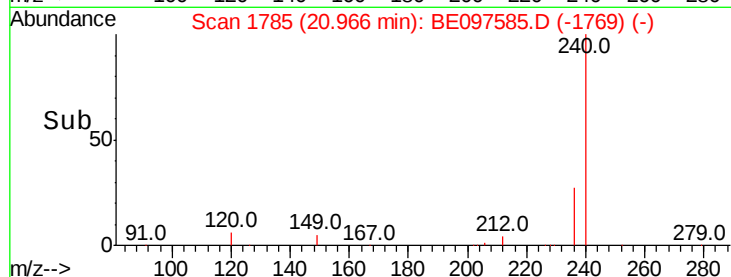
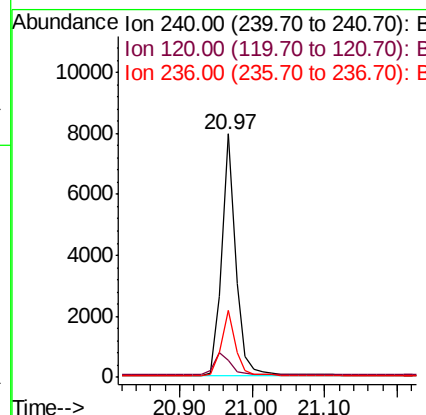
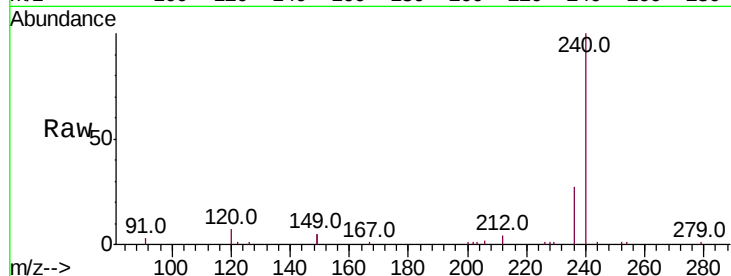
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BE097585.D
 Acq: 20 Sep 2018 22:08

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ461I-20180912

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.5	8.3
236	27.3	20.7	31.1

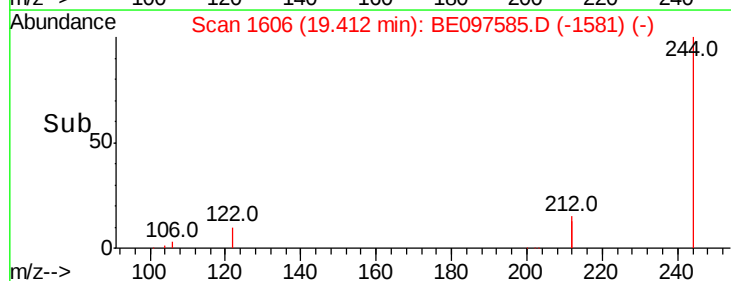
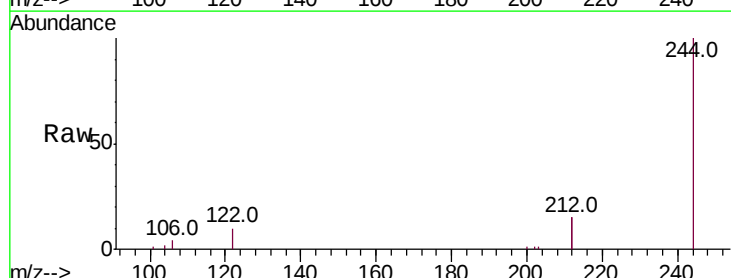
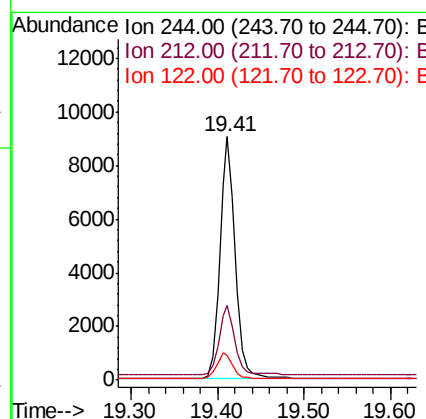
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#29
 Terphenyl-d14
 Concen: 0.567 ng
 RT: 19.41 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BE097585.D
 Acq: 20 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	30.6	25.4	38.0
122	10.4	8.1	12.1





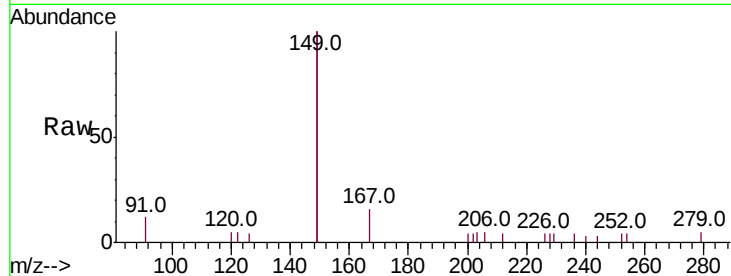
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 20.91 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BE097585.D
 Acq: 20 Sep 2018 22:08

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ461I-20180912

Tot Ion	Ratio	Resp	Lower	Upper
149	100	3575		
167	6.8		5.4	8.0
279	1.1		0.7	1.1#

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 9/21/2018 4:09:19 PM

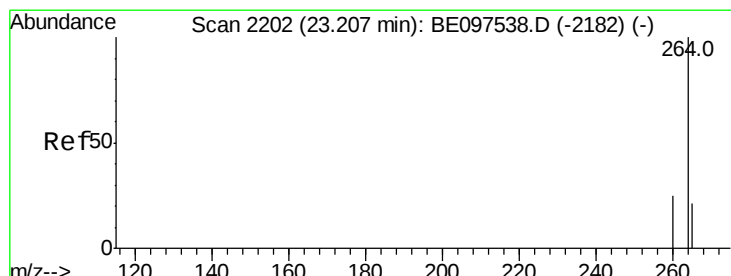
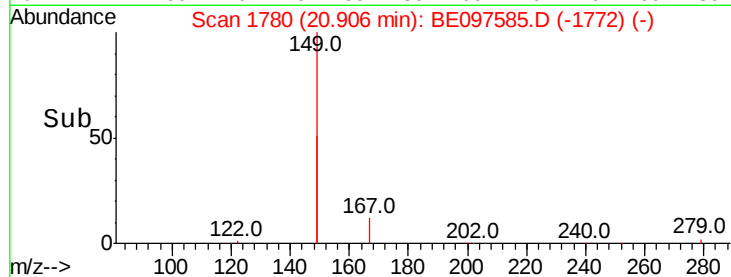
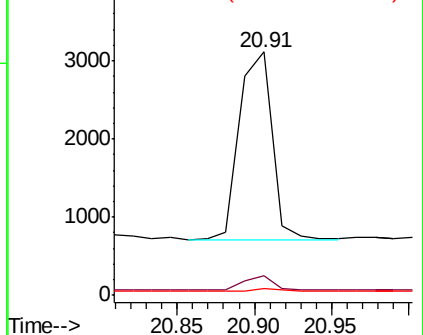


Abundance

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# 2200
 Delta R.T. -0.00 min
 Lab File: BE097585.D
 Acq: 20 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	10812		
260	25.5		20.5	30.7
265	26.6		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

