

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097586.D
 Acq On : 20 Sep 2018 22:44
 Operator : SJ/JU
 Sample : J4934-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ460I-20180912

Manual Integrations
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Quant Time: Sep 21 06:50:47 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	813	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3665	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	2215	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7641	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10230	0.40	ng	0.00
34) Perylene-d12	23.20	264	9965	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	513	0.21	ng	0.00
5) Phenol-d6	6.65	99	411m	0.13	ng	0.04
8) Nitrobenzene-d5	8.55	82	1256	0.44	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	2489	0.49	ng	0.01
14) 2,4,6-Tribromophenol	15.51	330	687	0.72	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	5319	0.68	ng	0.01
25) Fluoranthene-d10	18.80	212	51164	0.52	ng	0.00
29) Terphenyl-d14	19.41	244	12163	0.65	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	8816	7.040	ng	# 88
32) Bis(2-ethylhexyl)phthalate	20.89	149	2616	0.071	ng	# 96

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

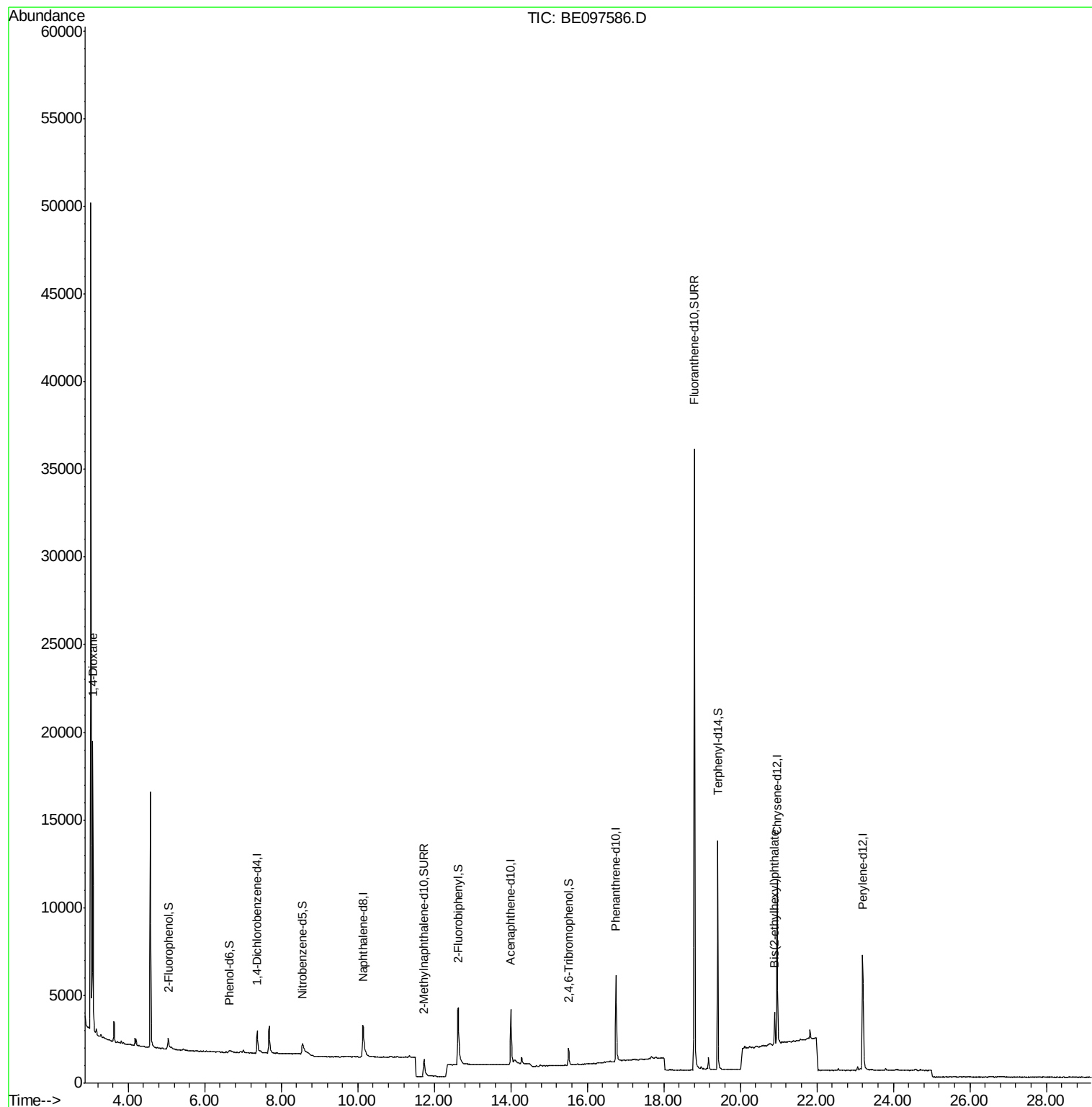
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097586.D
Acq On : 20 Sep 2018 22:44
Operator : SJ/JU
Sample : J4934-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

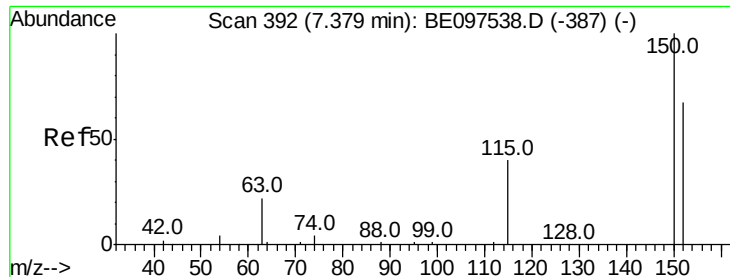
Instrument :
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ClientSampleId :
FT-PZ460I-20180912

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Quant Time: Sep 21 06:50:47 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





#1

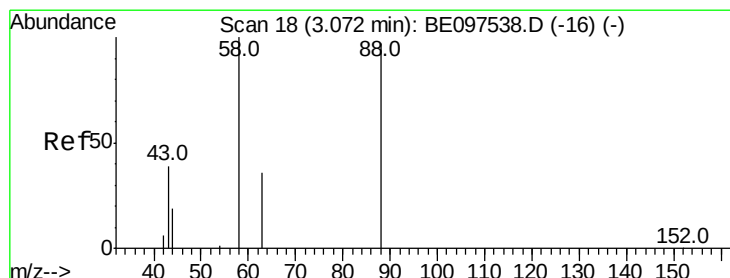
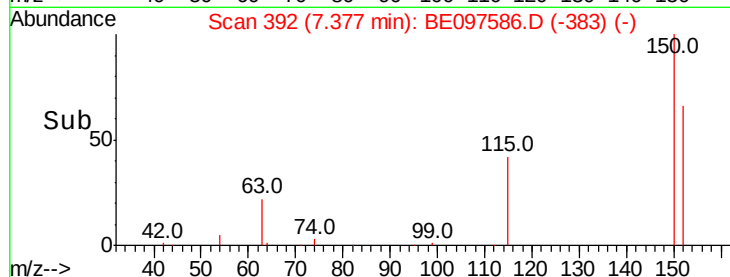
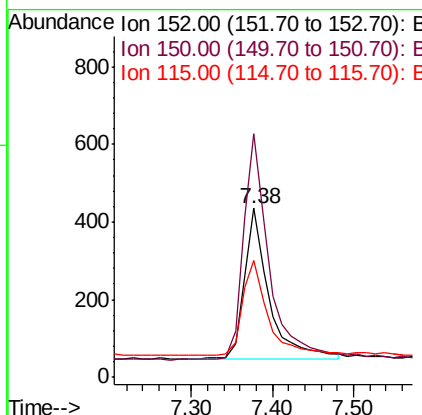
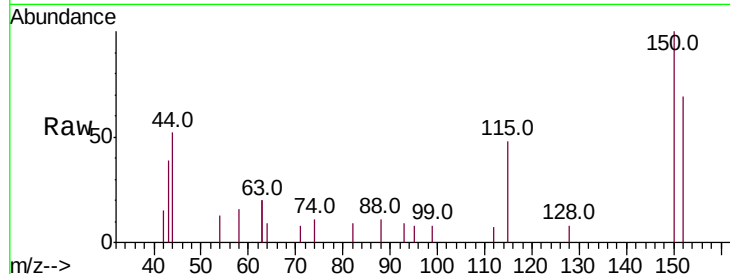
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097586.D
Acq: 20 Sep 2018 22:44

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	117.2	175.8
115	69.0	57.0	85.6

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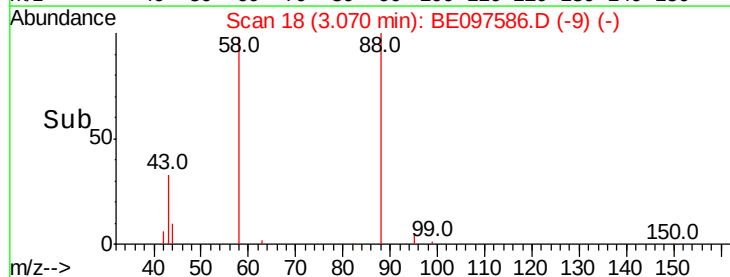
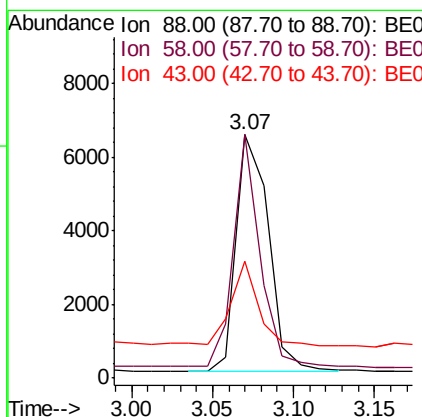
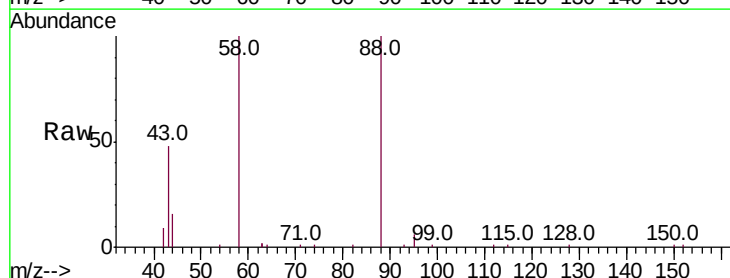
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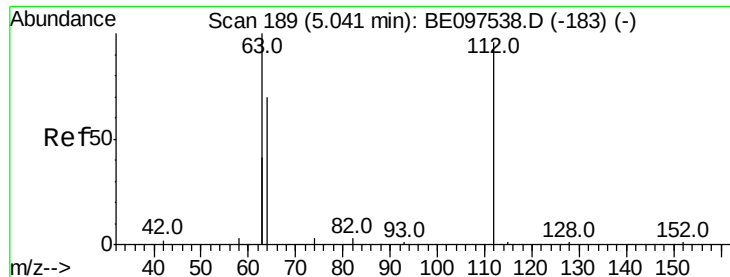


#2

1,4-Dioxane
Concen: 7.040 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097586.D
Acq: 20 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	63.2	94.8
43	30.5	41.2	61.8#





#4

2-Fluorophenol

Concen: 0.211 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

Instrument :

BNA_E

ClientSampleId :

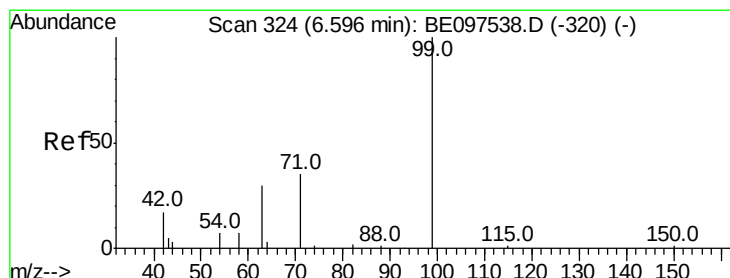
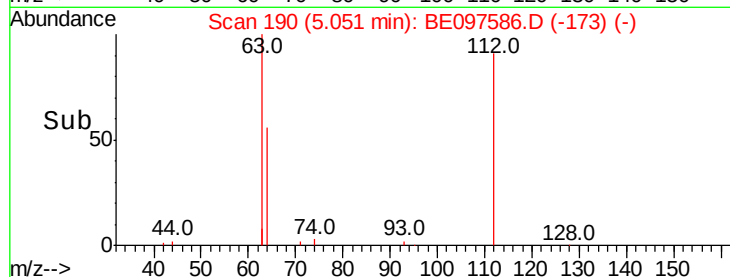
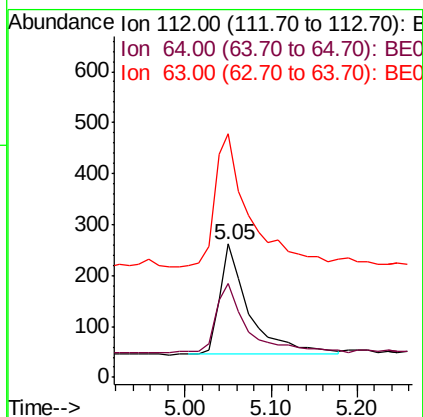
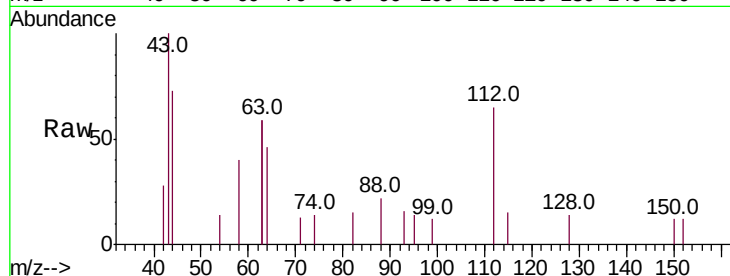
FT-PZ460I-20180912

Tot Ion:	112	Resp:	513
Ion Ratio	Lower	Upper	
112	100		
64	69.8	60.1	90.1
63	143.9	116.8	175.2

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#5

Phenol-d6

Concen: 0.132 ng m

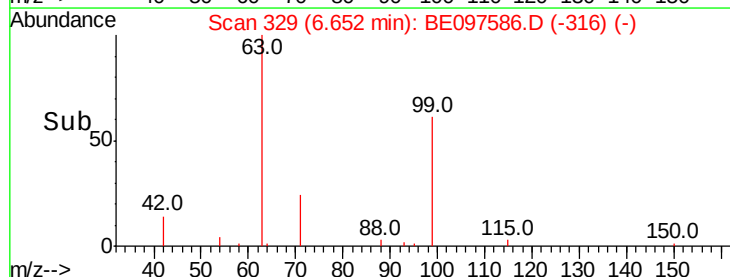
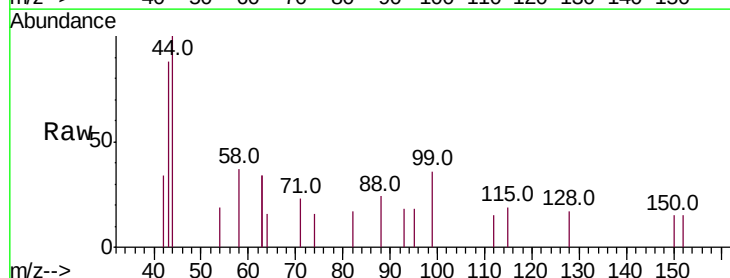
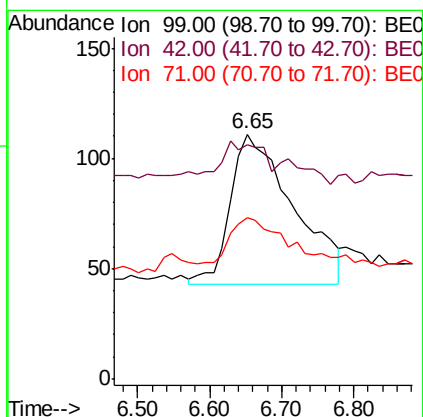
RT: 6.65 min Scan# 329

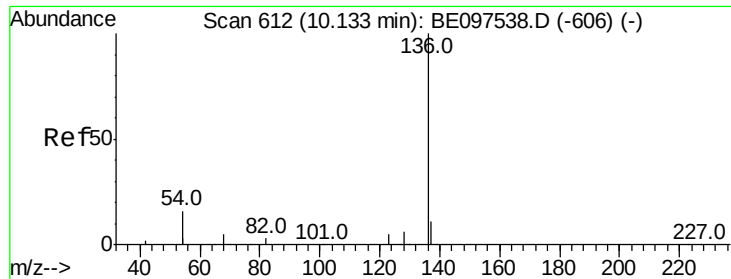
Delta R.T. 0.04 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

Tgt Ion:	99	Resp:	411
Ion Ratio	Lower	Upper	
99	100		
42	0.0	20.2	30.2#
71	13.4	28.4	42.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 614

Delta R.T. 0.01 min

Lab File: BE097586.D

Acq: 20 Sep 2018 22:44

Instrument :

BNA_E

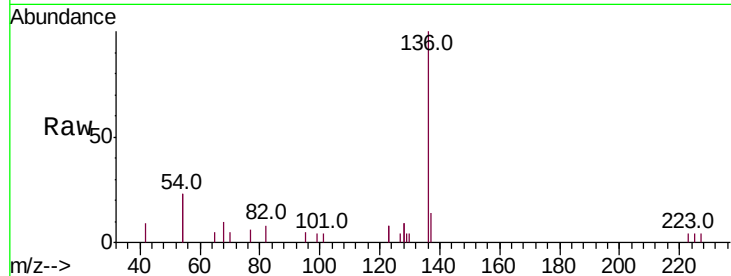
ClientSampleId :

FT-PZ460I-20180912

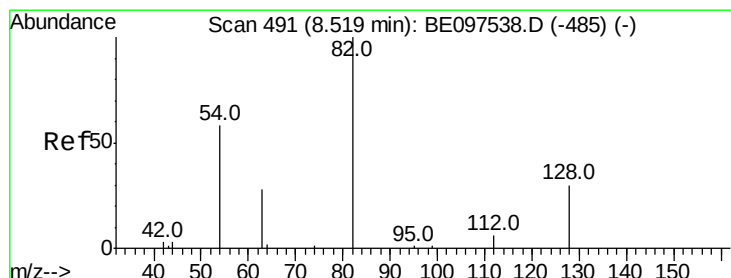
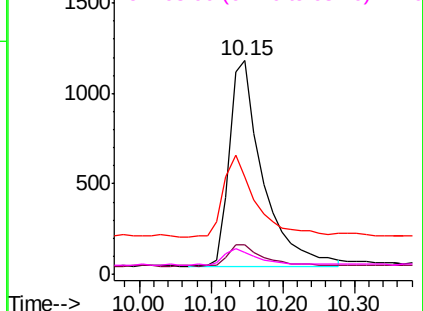
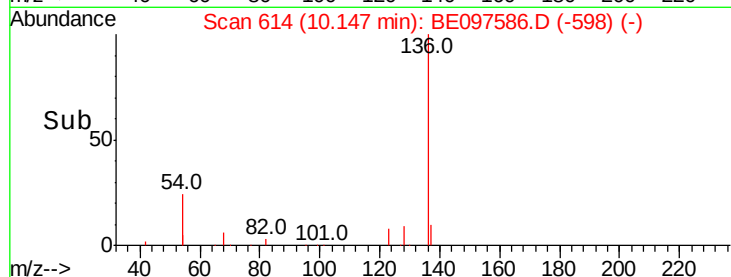
Tot Ion	Ratio	Lower	Upper
136	100		
137	14.0	9.5	14.3
54	45.9	29.1	43.7#
68	10.0	6.2	9.2#

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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: 0.444 ng

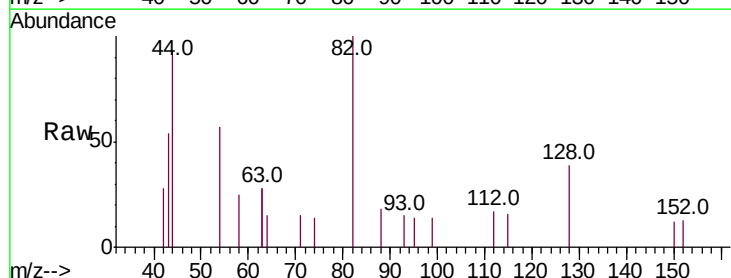
RT: 8.55 min Scan# 494

Delta R.T. 0.02 min

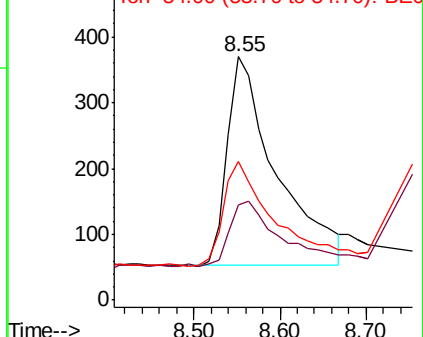
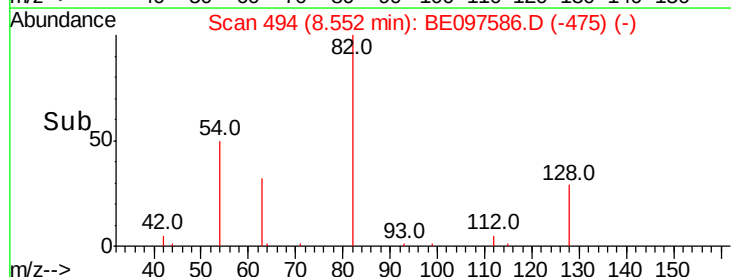
Lab File: BE097586.D

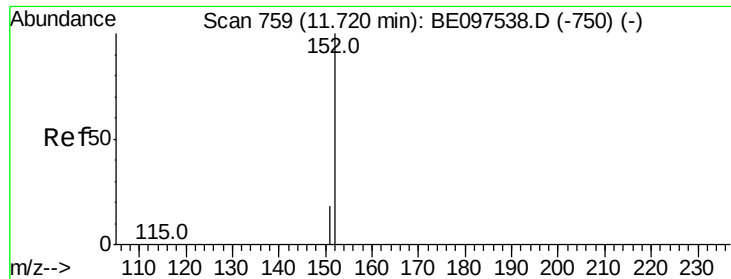
Acq: 20 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	24.0	36.0#
54	57.0	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





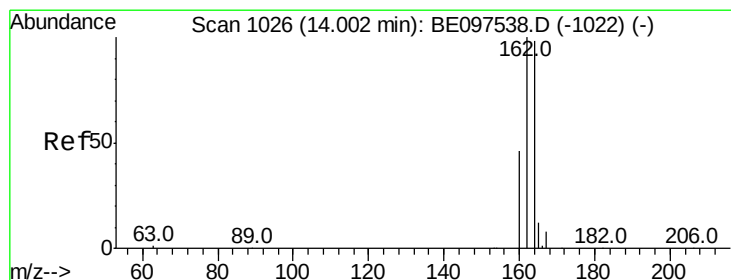
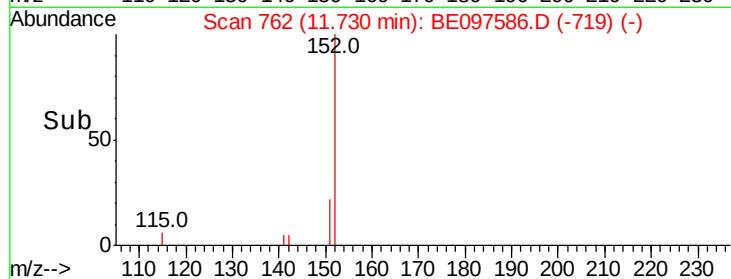
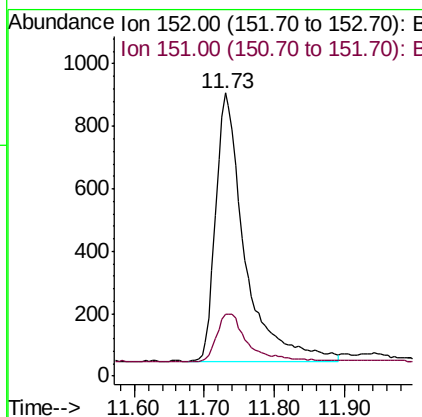
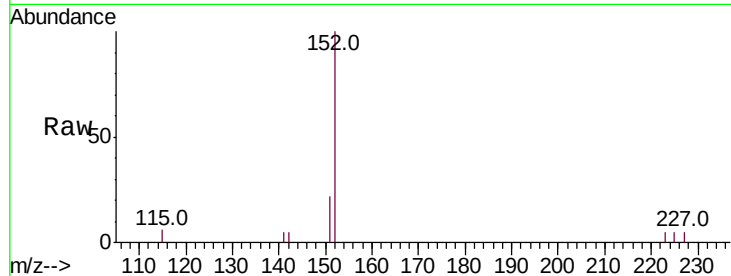
#11
2-Methylnaphthalene-d10
Concen: 0.493 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.01 min
Lab File: BE097586.D
Acq: 20 Sep 2018 22:44

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.0

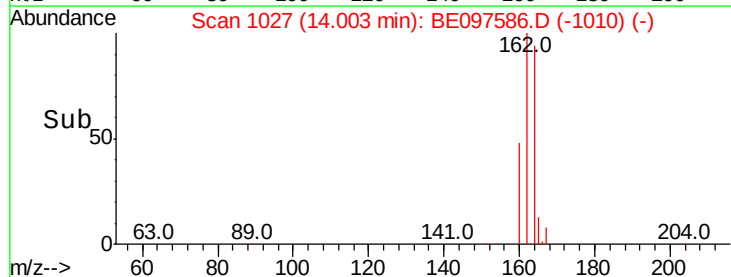
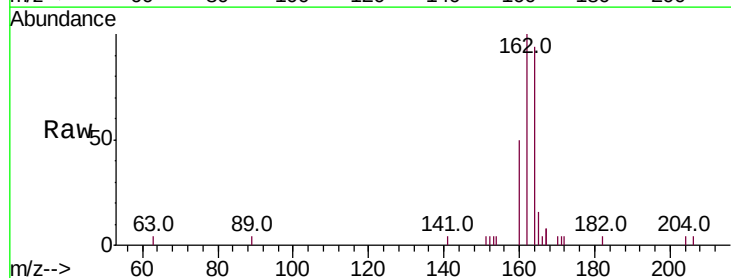
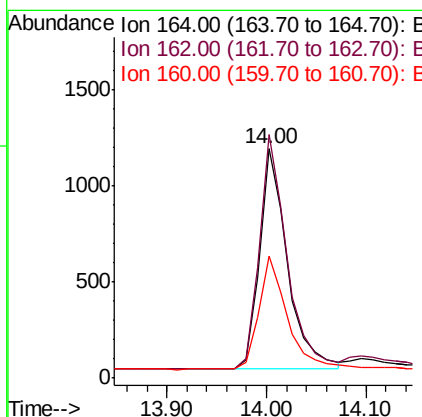
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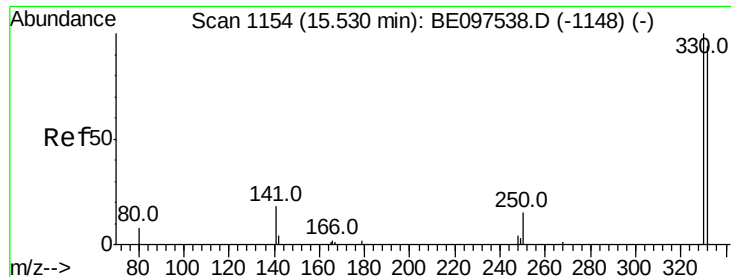
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097586.D
Acq: 20 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.1	124.7
160	53.2	37.1	55.7





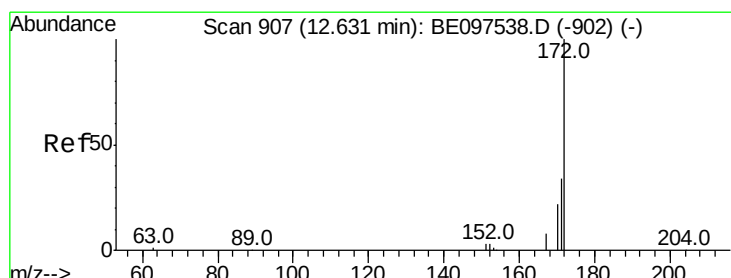
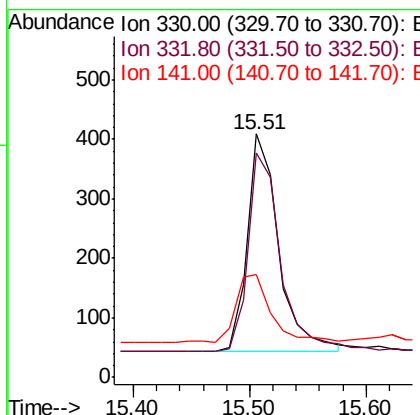
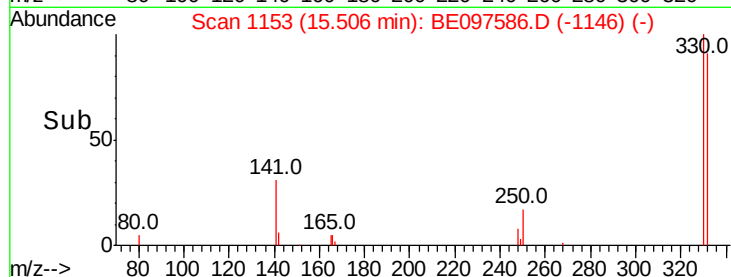
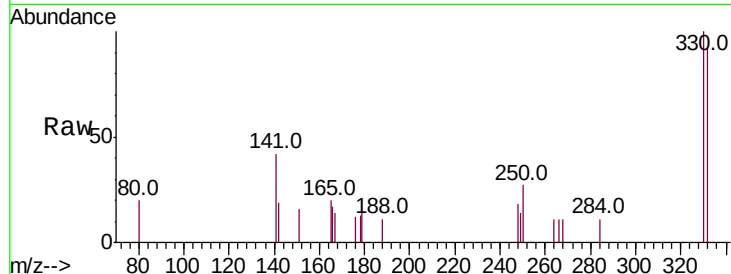
#14
 2,4,6-Tribromophenol
 Concen: 0.720 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BE097586.D
 Acq: 20 Sep 2018 22:44

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ460I-20180912

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	152.7	229.1#
141	33.0	33.7	50.5#

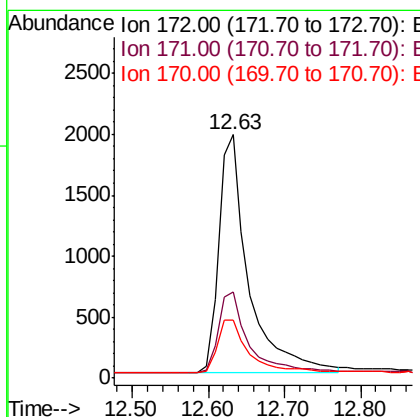
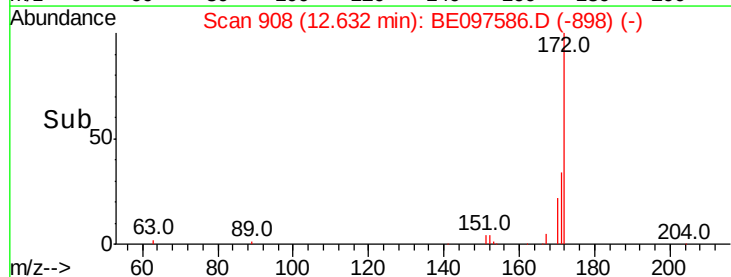
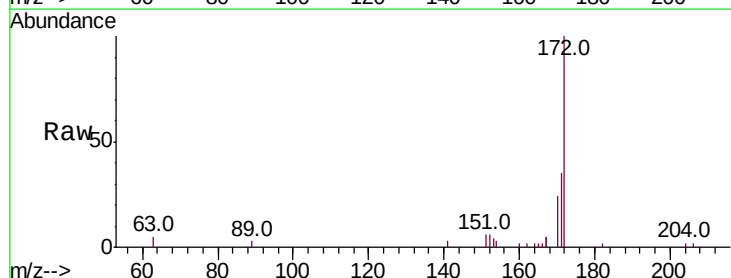
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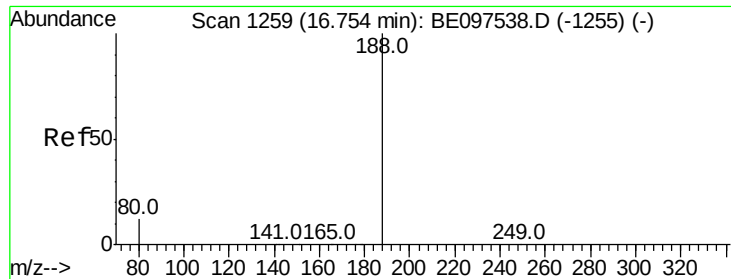
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#15
 2-Fluorobiphenyl
 Concen: 0.680 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BE097586.D
 Acq: 20 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	23.9	21.8	32.8





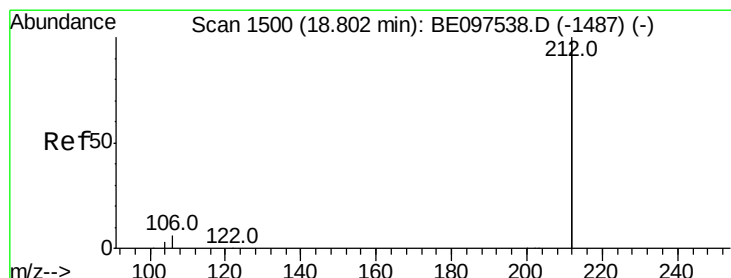
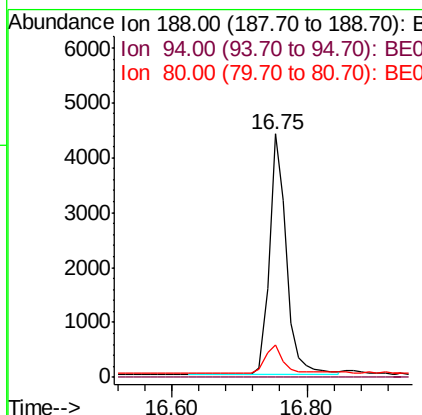
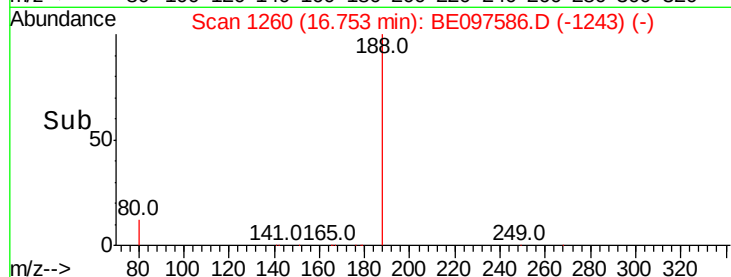
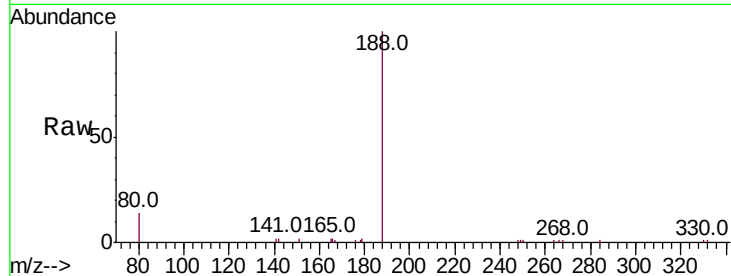
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097586.D
Acq: 20 Sep 2018 22:44

Instrument :
BNA_E
ClientSampleId :
FT-PZ460I-20180912

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.5	3.6	5.4#

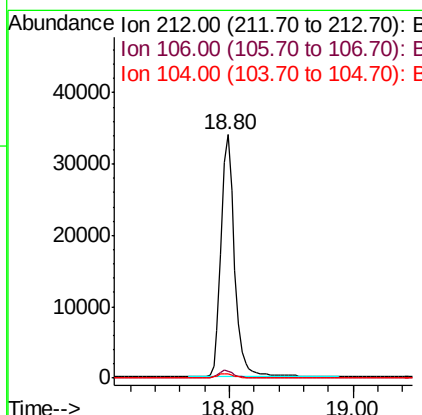
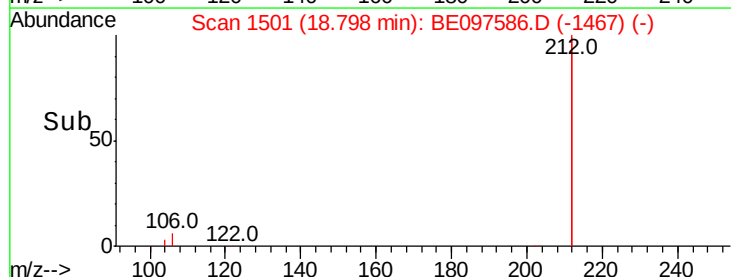
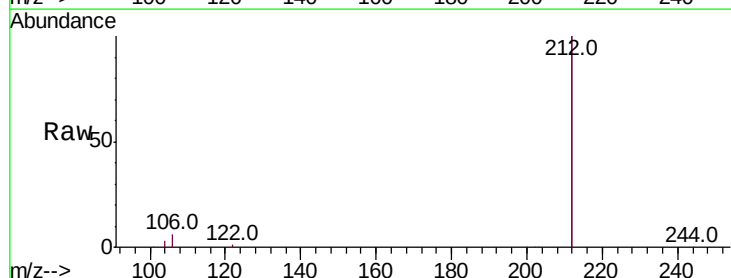
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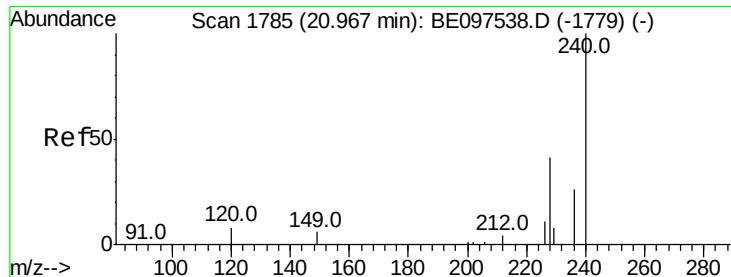
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#25
Fluoranthene-d10
Concen: 0.523 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE097586.D
Acq: 20 Sep 2018 22:44

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





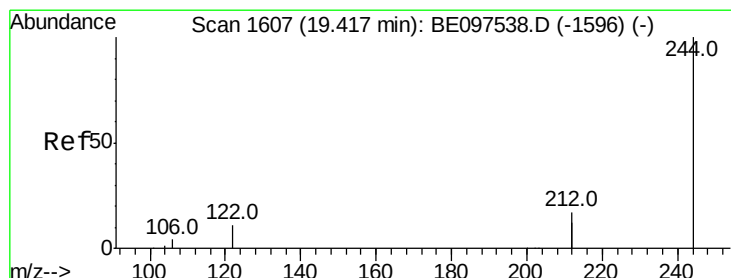
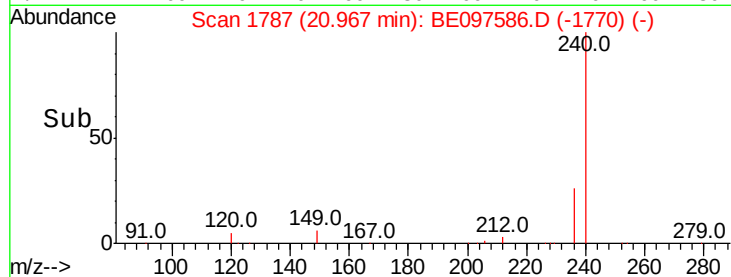
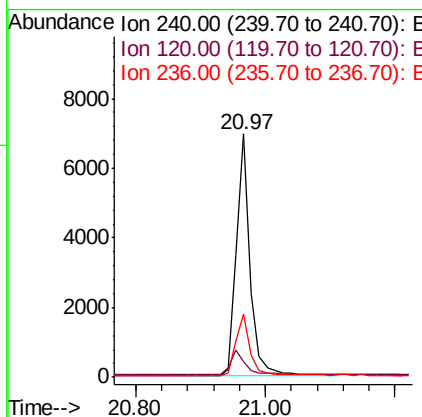
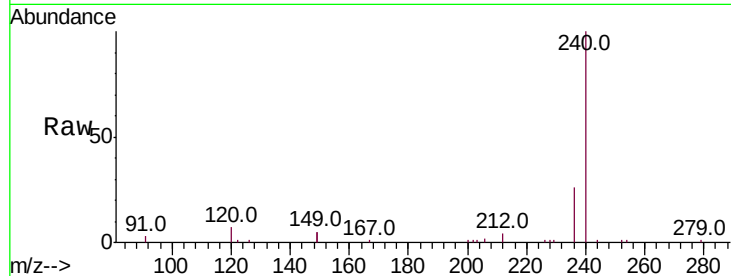
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097586.D
 Acq: 20 Sep 2018 22:44

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ460I-20180912

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.5	8.3
236	26.2	20.7	31.1

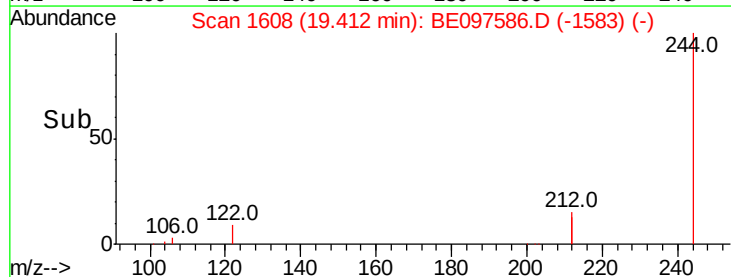
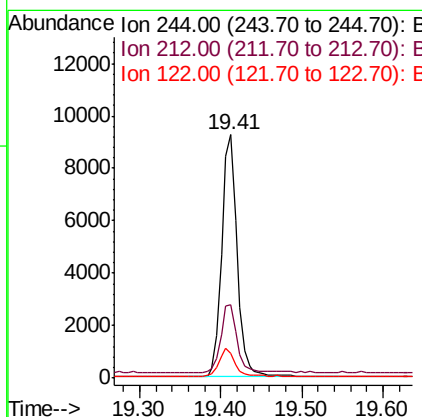
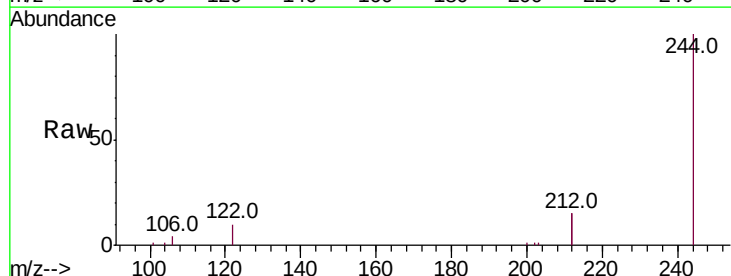
Manual Integrations
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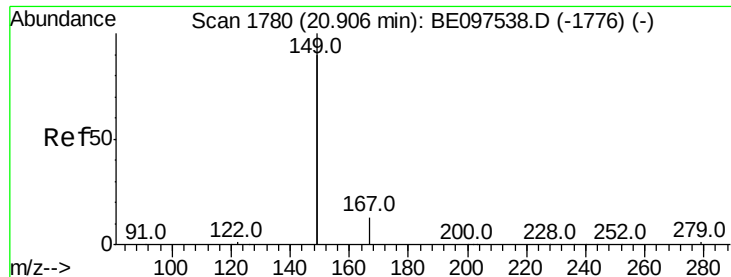
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#29
 Terphenyl-d14
 Concen: 0.650 ng
 RT: 19.41 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BE097586.D
 Acq: 20 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	30.3	25.4	38.0
122	9.9	8.1	12.1





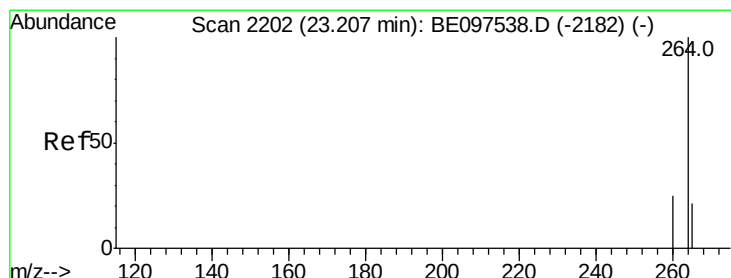
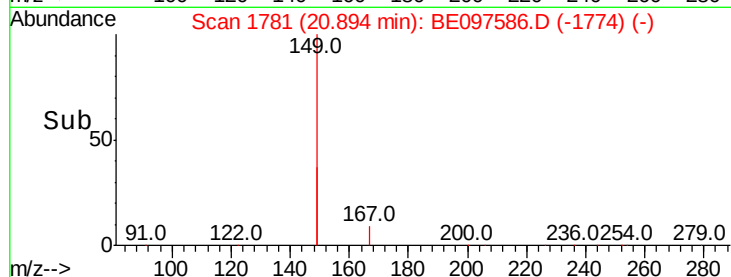
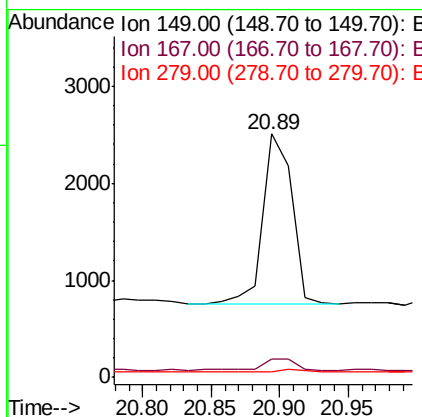
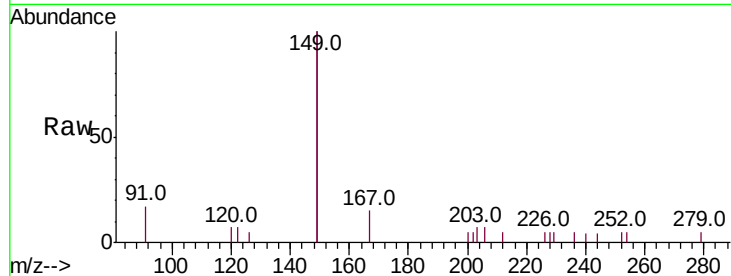
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 20.89 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BE097586.D
 Acq: 20 Sep 2018 22:44

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ460I-20180912

Tot Ion:	149	Resp:	2616
Ion Ratio	Lower	Upper	
149	100		
167	8.1	5.4	8.0#
279	1.4	0.7	1.1#

Manual Integrations
 APPROVED

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



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097586.D
 Acq: 20 Sep 2018 22:44

Tgt Ion:	264	Resp:	9965
Ion Ratio	Lower	Upper	
264	100		
260	25.5	20.5	30.7
265	27.9	22.8	34.2

