

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097638.D
 Acq On : 22 Sep 2018 8:06
 Operator : SJ/JU
 Sample : J4934-02DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ461I-20180912DL

Manual Integrations
 APPROVED

Sohil
 9/24/2018 8:30:56 AM

Quant Time: Sep 24 02:52:14 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	659	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3101	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	2436	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	7840	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8437	0.40	ng	0.00
34) Perylene-d12	23.21	264	8059	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	113	0.06	ng	0.01
5) Phenol-d6	6.78	99	86m	0.03	ng	0.18
8) Nitrobenzene-d5	8.65	82	224m	0.09	ng	0.12
11) 2-Methylnaphthalene-d10	11.79	152	476	0.11	ng	0.07
14) 2,4,6-Tribromophenol	15.53	330	134	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.66	172	1138	0.13	ng	0.03
25) Fluoranthene-d10	18.82	212	9871	0.10	ng	0.01
29) Terphenyl-d14	19.42	244	2244	0.15	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	1724	1.663	ng	# 90
32) Bis(2-ethylhexyl)phthalate	20.89	149	1466	0.052	ng	# 100

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

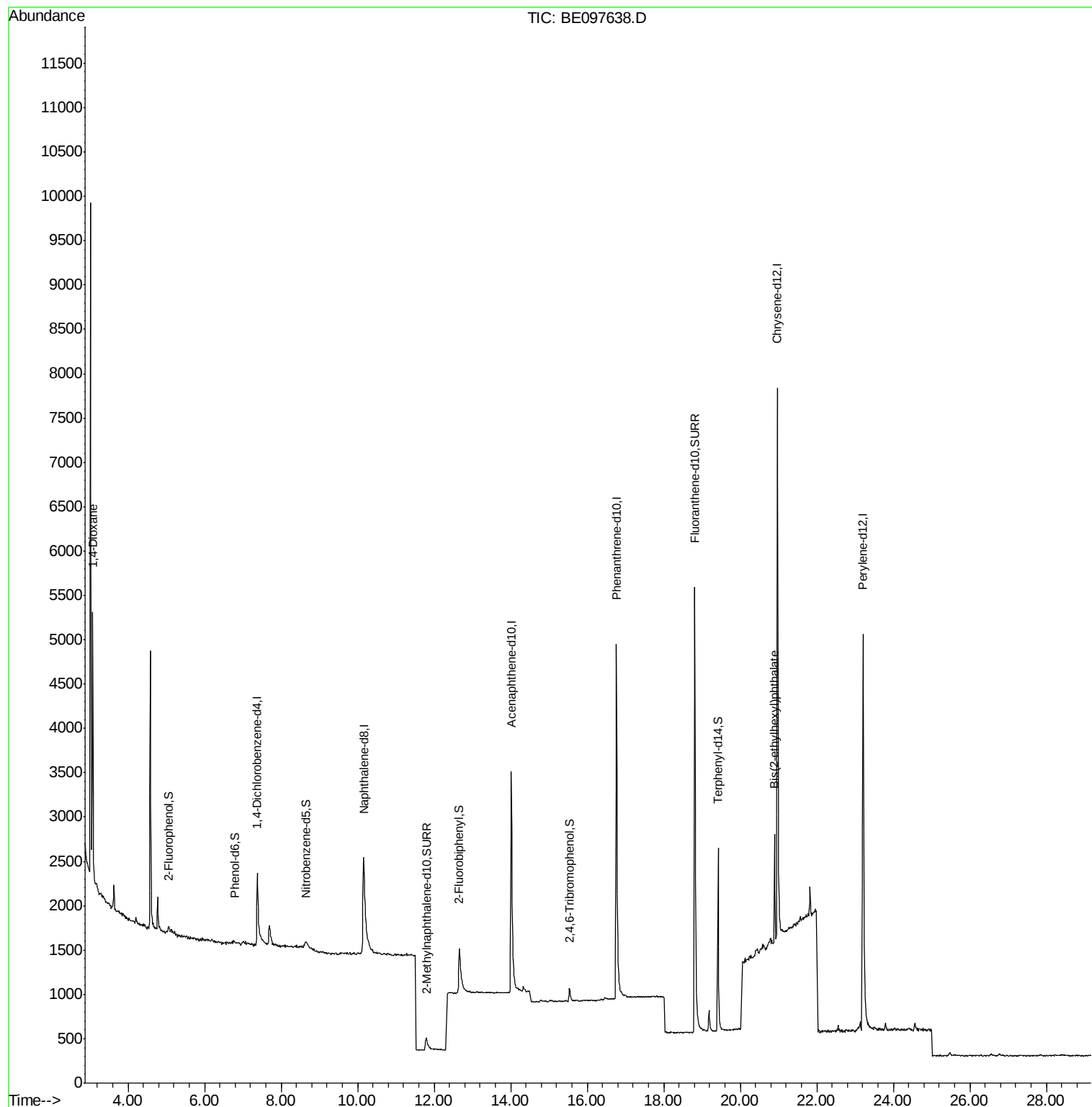
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097638.D
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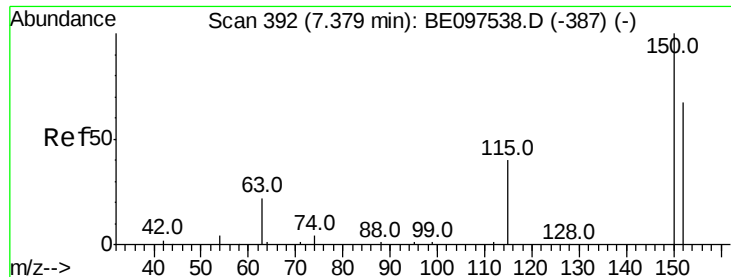
Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

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Response via : Initial Calibration





#1

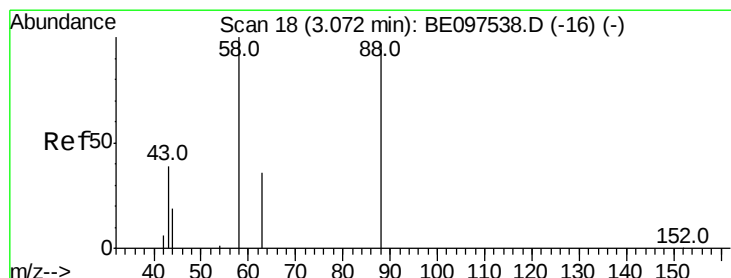
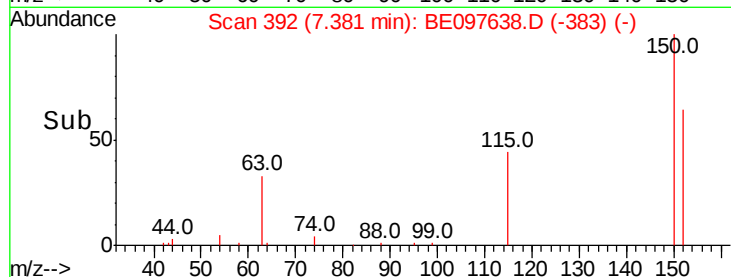
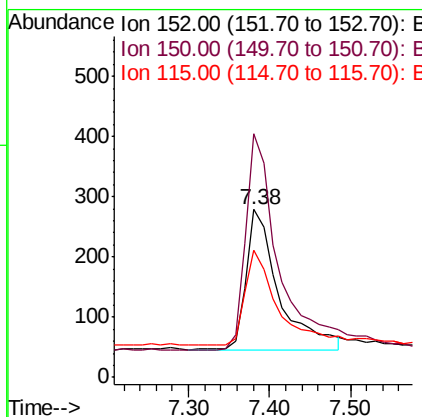
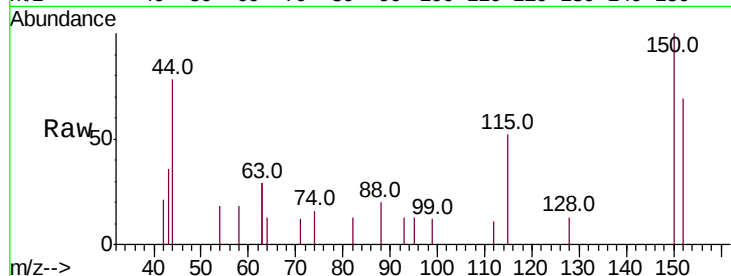
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	117.2	175.8
115	76.0	57.0	85.6

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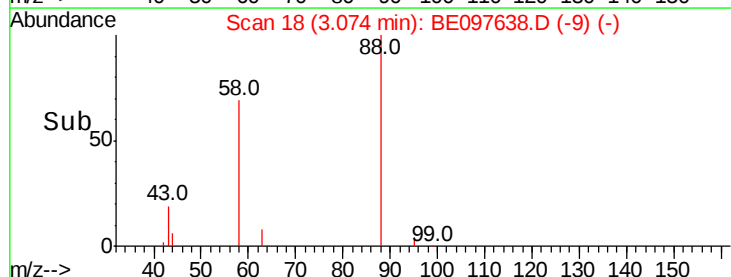
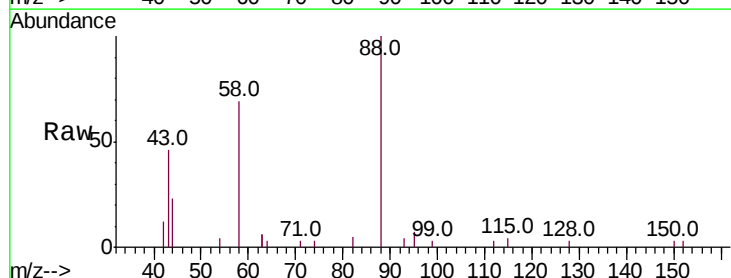
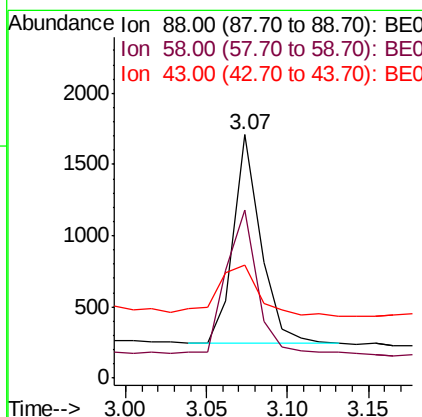
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#2

1,4-Dioxane
Concen: 1.663 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	63.2	94.8
43	37.8	41.2	61.8#





#4

2-Fluorophenol

Concen: 0.057 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Instrument :

BNA_E

ClientSampleId :

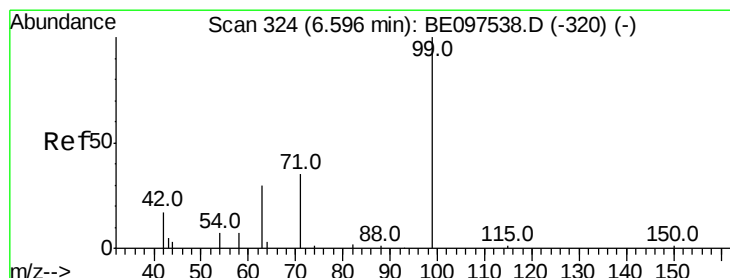
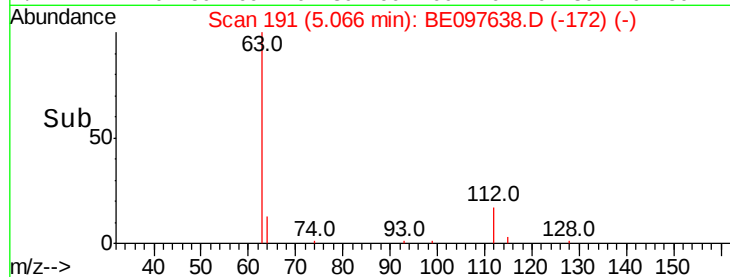
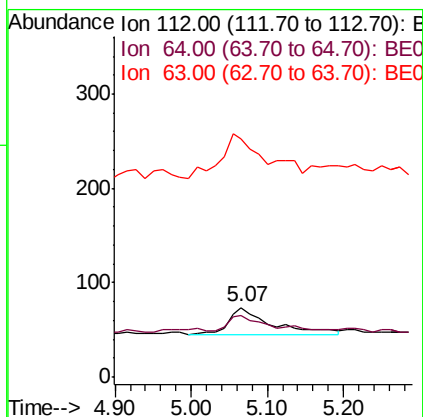
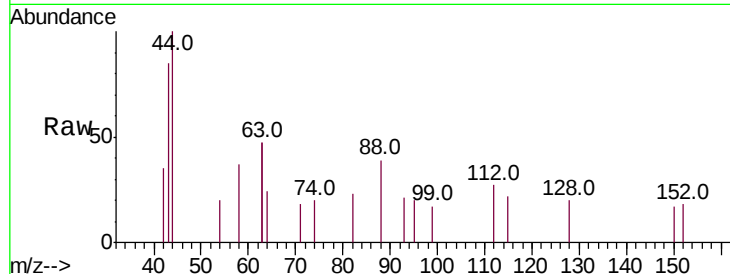
FT-PZ461I-20180912DL

Tot Ion:	112	Resp:	113
Ion Ratio	Lower	Upper	
112	100		
64	48.7	60.1	90.1#
63	176.1	116.8	175.2#

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#5

Phenol-d6

Concen: 0.034 ng m

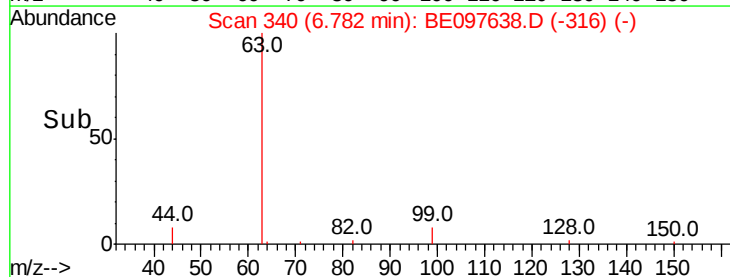
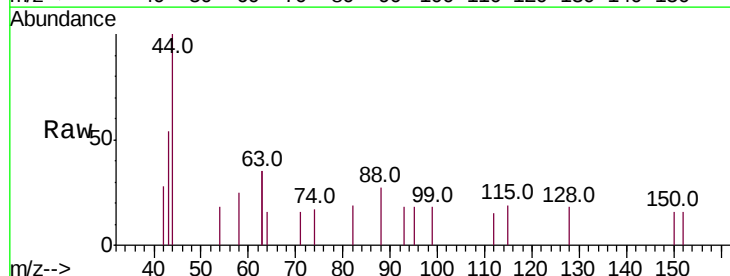
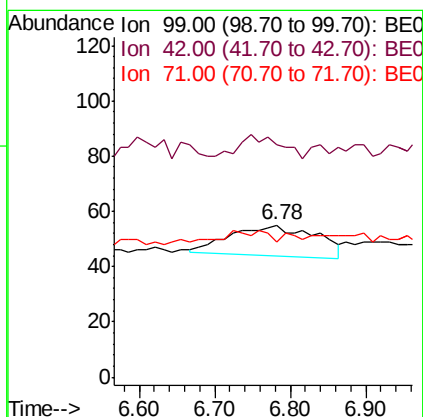
RT: 6.78 min Scan# 340

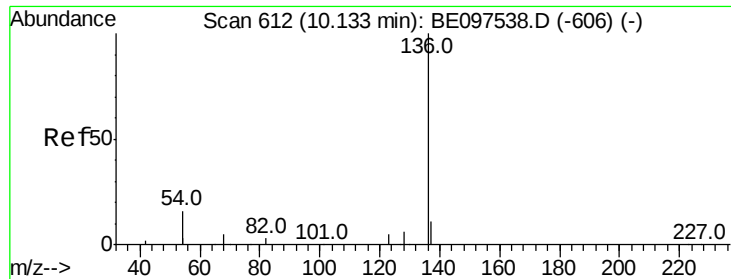
Delta R.T. 0.18 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Tgt Ion:	99	Resp:	86
Ion Ratio	Lower	Upper	
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Instrument :

BNA_E

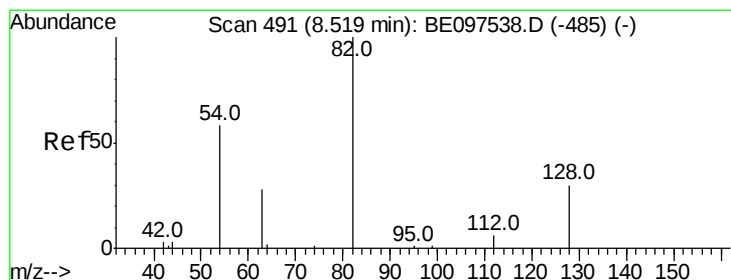
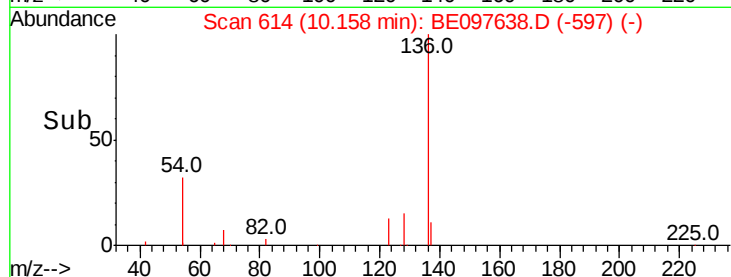
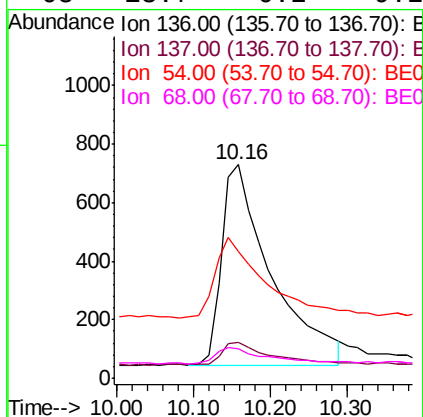
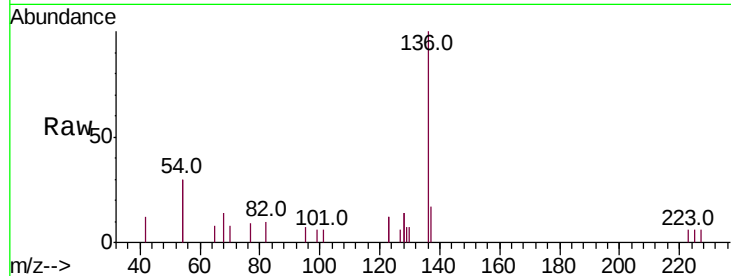
ClientSampleId :

FT-PZ461I-20180912DL

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	16.8	9.5	14.3#	
54	59.5	29.1	43.7#	
68	13.7	6.2	9.2#	

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#8

Nitrobenzene-d5

Concen: 0.094 ng m

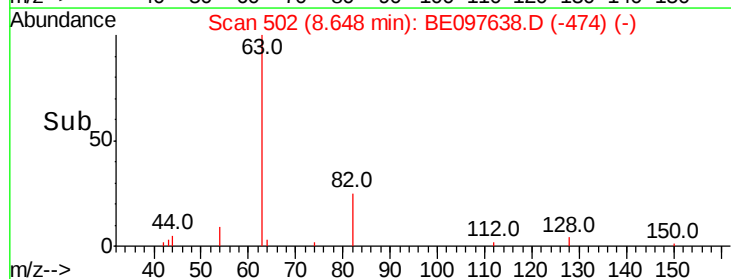
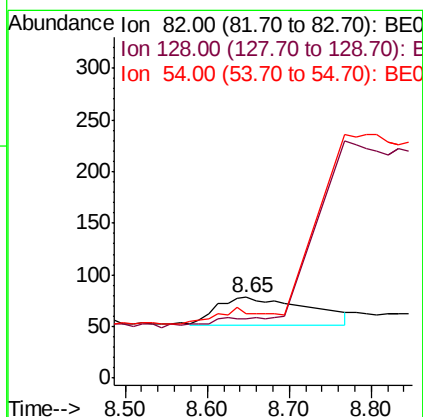
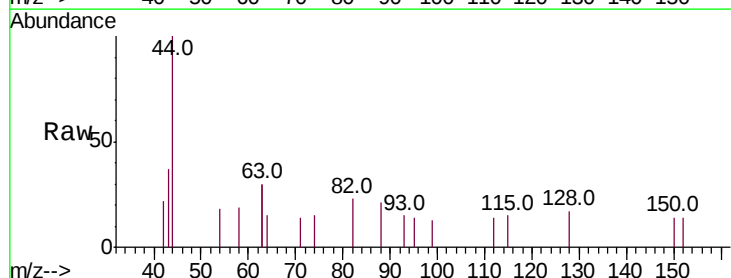
RT: 8.65 min Scan# 502

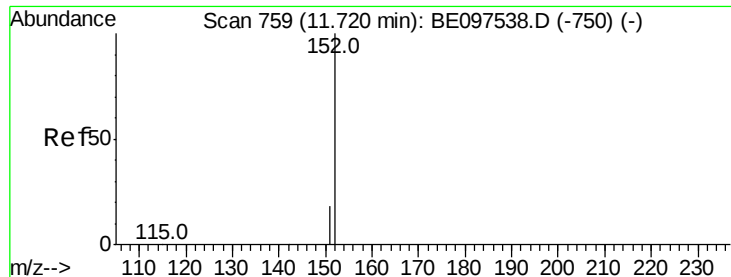
Delta R.T. 0.12 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	73.1	24.0	36.0#	
54	80.8	40.0	60.0#	





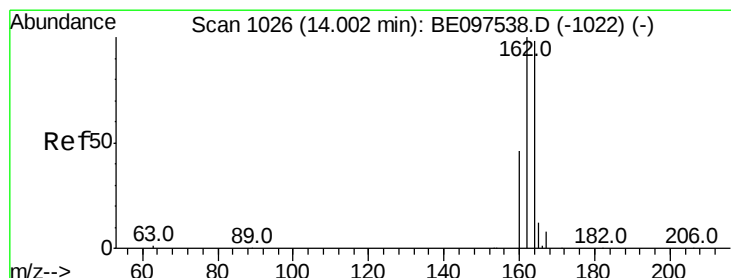
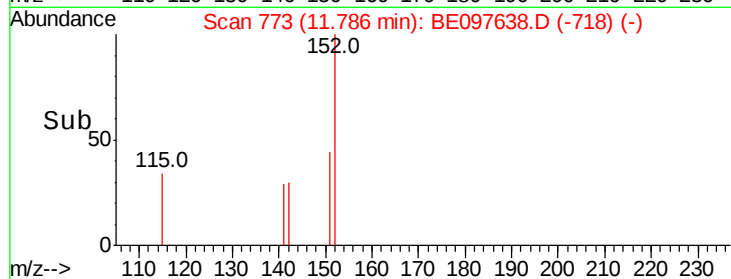
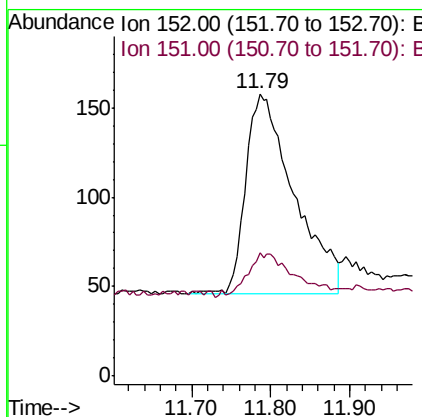
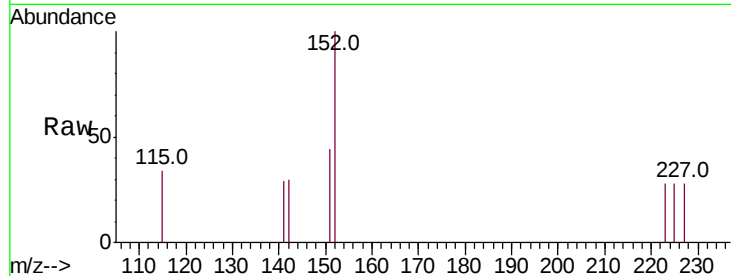
#11
2-Methylnaphthalene-d10
Concen: 0.111 ng
RT: 11.79 min Scan# 773
Delta R.T. 0.07 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.0

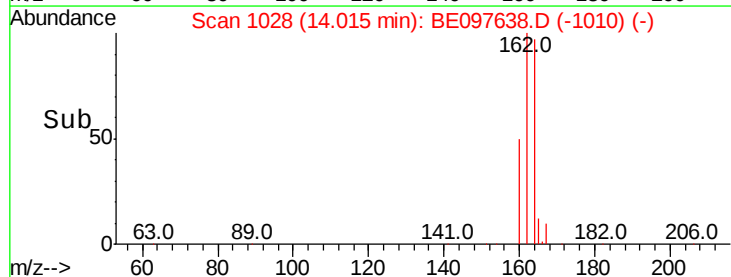
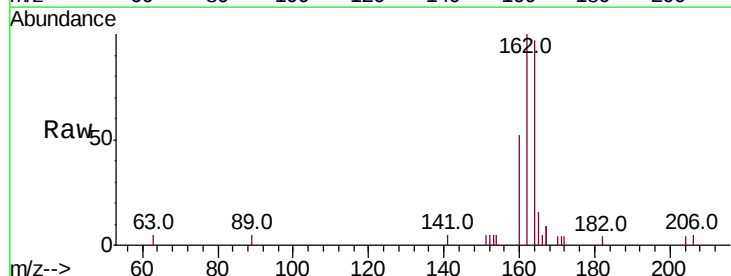
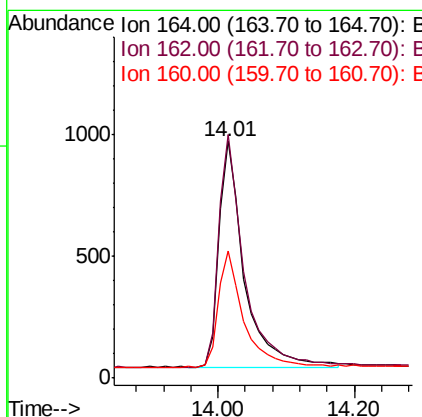
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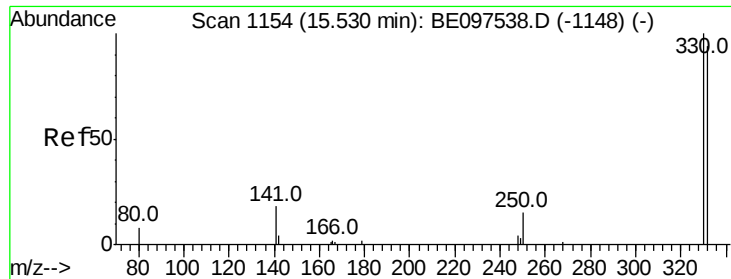
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.1	124.7
160	53.7	37.1	55.7





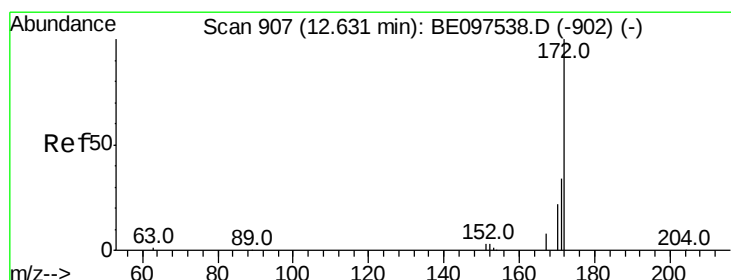
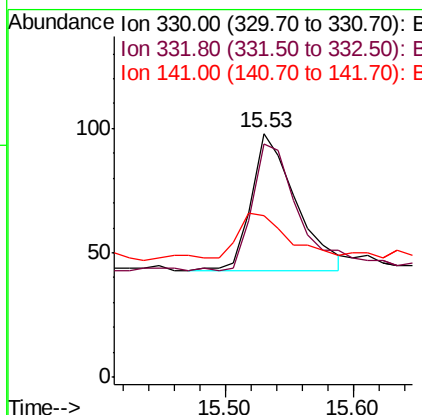
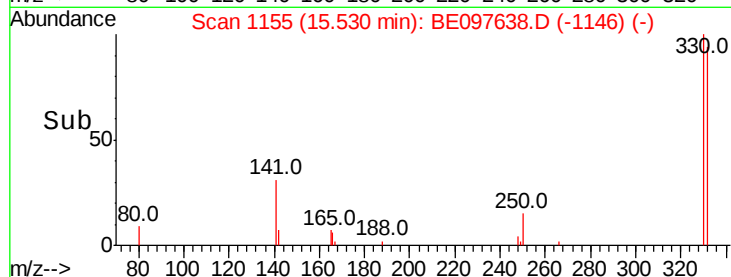
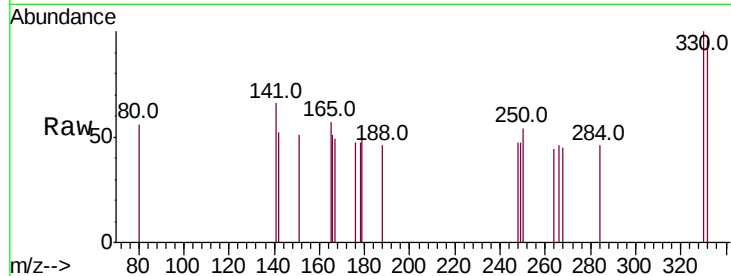
#14
 2,4,6-Tribromophenol
 Concen: 0.212 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097638.D
 Acq: 22 Sep 2018 8:06

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ461I-20180912DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	89.6	152.7	229.1#
141	35.1	33.7	50.5

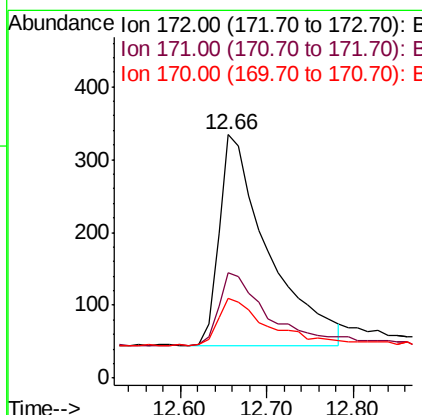
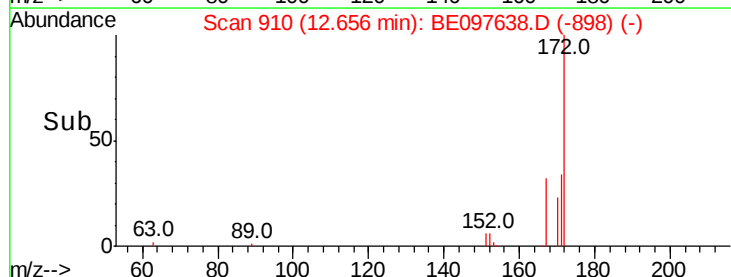
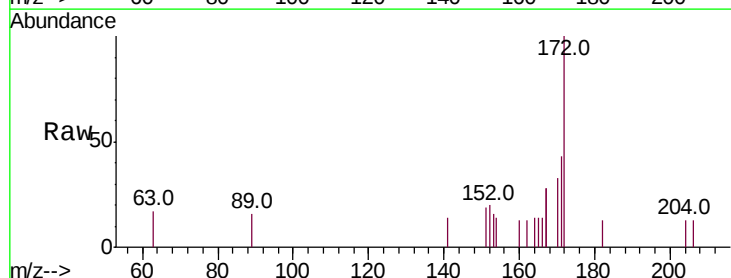
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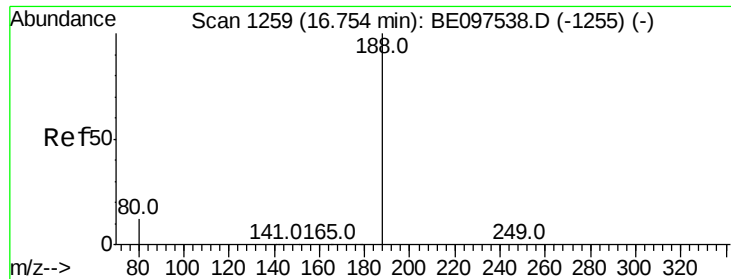
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#15
 2-Fluorobiphenyl
 Concen: 0.132 ng
 RT: 12.66 min Scan# 910
 Delta R.T. 0.03 min
 Lab File: BE097638.D
 Acq: 22 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.1	29.9	44.9
170	32.9	21.8	32.8#





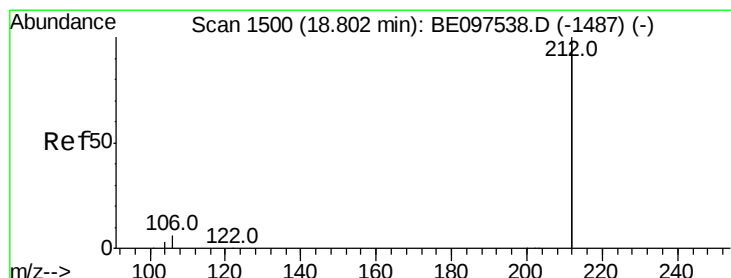
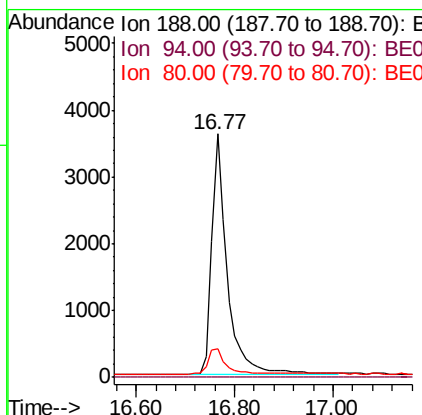
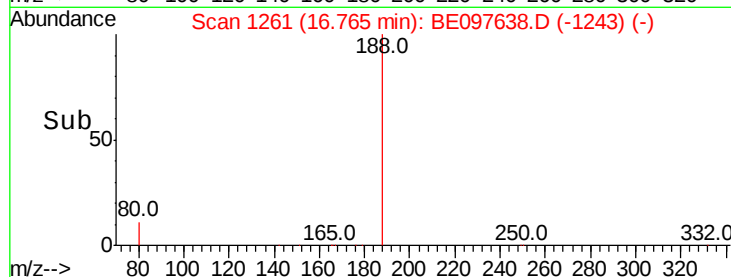
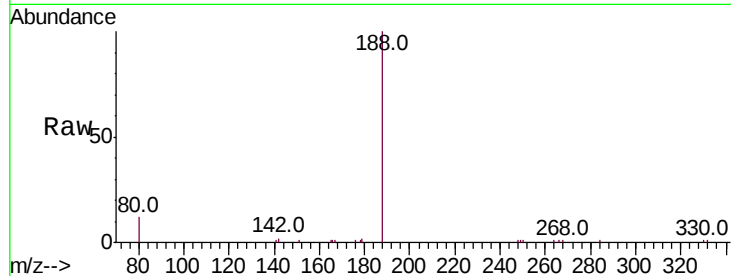
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :
FT-PZ461I-20180912DL

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.8	3.6	5.4#

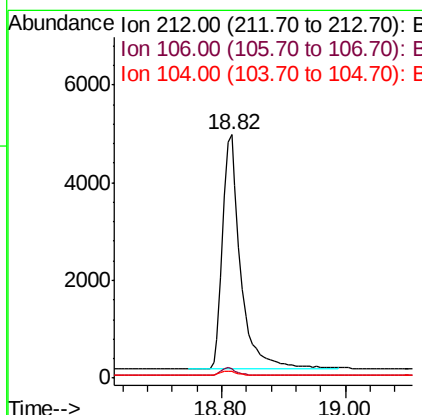
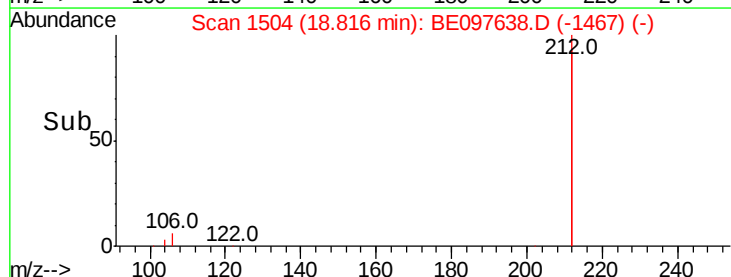
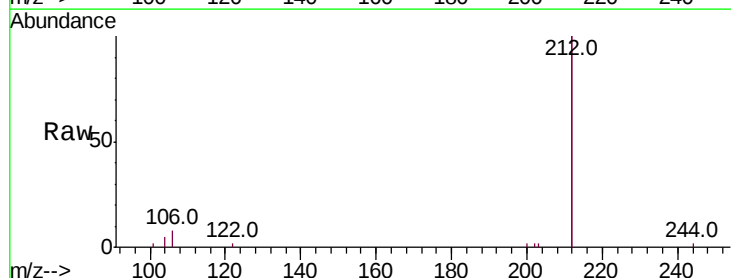
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#25
Fluoranthene-d10
Concen: 0.098 ng
RT: 18.82 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.8	1.6	2.4





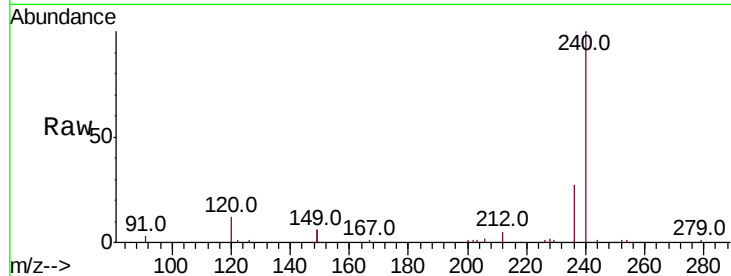
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BE097638.D
 Acq: 22 Sep 2018 8:06

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ461I-20180912DL

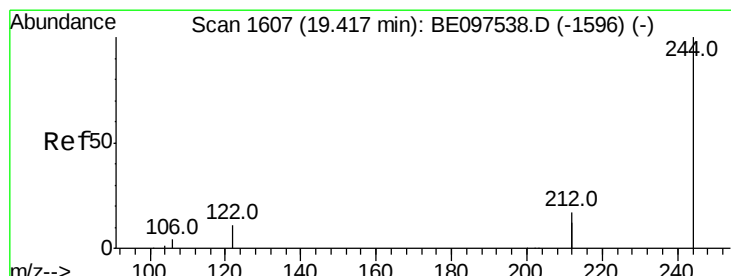
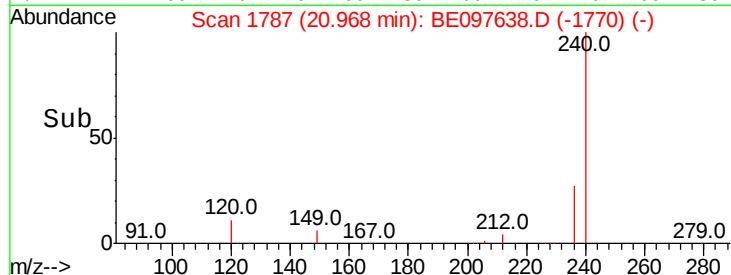
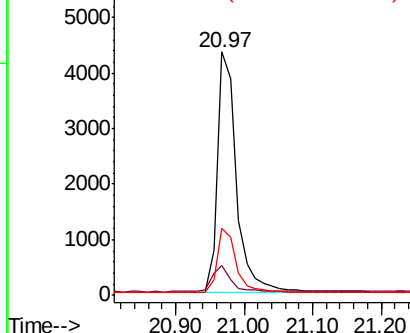
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.5	8.3#
236	27.3	20.7	31.1

Manual Integrations
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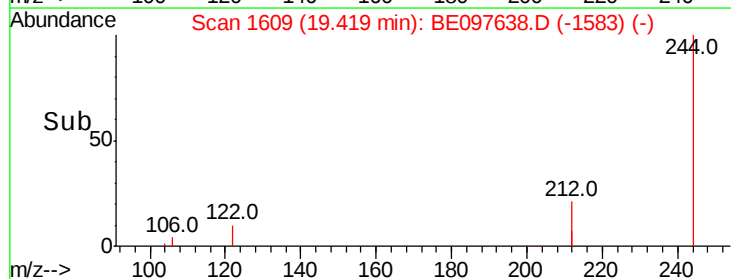
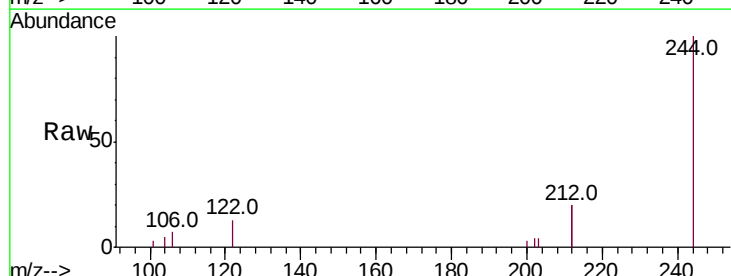
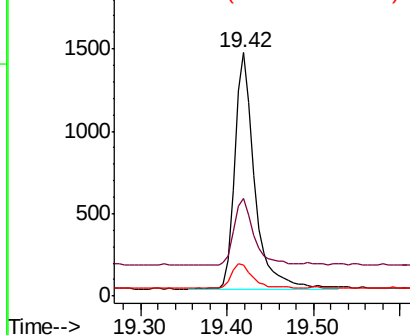
Abundance Ion 240.00 (239.70 to 240.70): E
 6000 Ion 120.00 (119.70 to 120.70): E
 5000 Ion 236.00 (235.70 to 236.70): E



#29
 Terphenyl-d14
 Concen: 0.145 ng
 RT: 19.42 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BE097638.D
 Acq: 22 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	40.4	25.4	38.0#
122	13.1	8.1	12.1#

Abundance Ion 244.00 (243.70 to 244.70): E
 2000 Ion 212.00 (211.70 to 212.70): E
 1500 Ion 122.00 (121.70 to 122.70): E





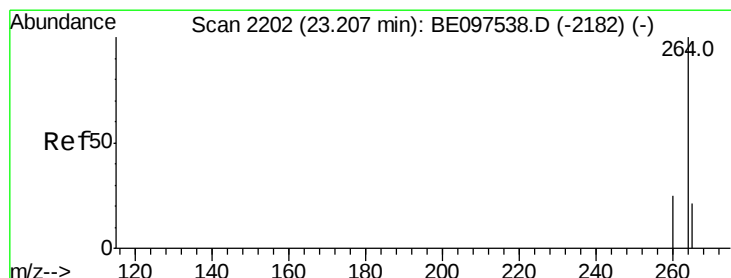
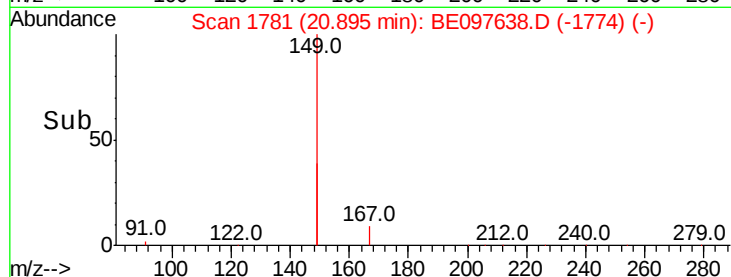
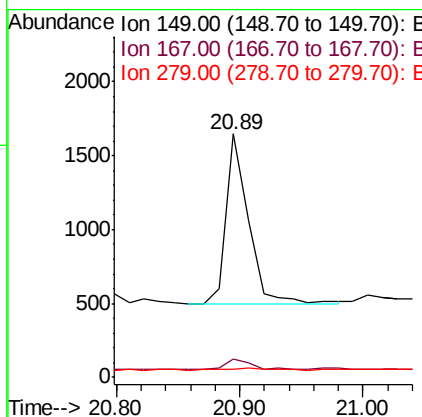
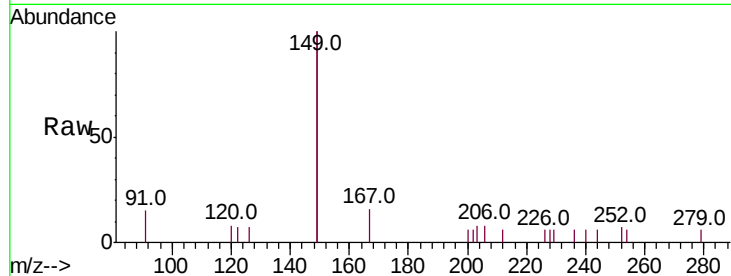
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 20.89 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BE097638.D
 Acq: 22 Sep 2018 8:06

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ461I-20180912DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.6	0.7	1.1#

Manual Integrations
 APPROVED

Sohil
 9/24/2018 8:30:56 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097638.D
 Acq: 22 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	27.9	22.8	34.2

