

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
 Data File : BE097005.D
 Acq On : 19 Jul 2018 15:11
 Operator : SJ/JU
 Sample : J4014-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D1-071318

Manual Integrations
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Sohil
 7/20/2018 10:36:54 AM

Quant Time: Jul 19 16:40:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1455	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6689	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4116	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	12420	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	12271	0.40	ng	0.00
34) Perylene-d12	23.21	264	10990	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	601	0.17	ng	0.00
5) Phenol-d6	6.60	99	505	0.10	ng	0.00
8) Nitrobenzene-d5	8.52	82	2219	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3889	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	527m	0.55	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7082	0.46	ng	-0.01
25) Fluoranthene-d10	18.81	212	59992	0.56	ng	0.00
29) Terphenyl-d14	19.43	244	14145	0.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	7991	3.837	ng	# 88
9) Naphthalene	10.20	128	3063	0.051	ng	# 95
12) 2-Methylnaphthalene	11.80	142	318	0.031	ng	# 89
17) Acenaphthene	14.08	154	338	0.029	ng	# 85
22) Pentachlorophenol	16.44	266	126	0.141	ng	# 88
23) Phenanthrene	16.81	178	652	0.022	ng	# 89
28) Pyrene	19.21	202	6448	0.178	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	2446	0.084	ng	100

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

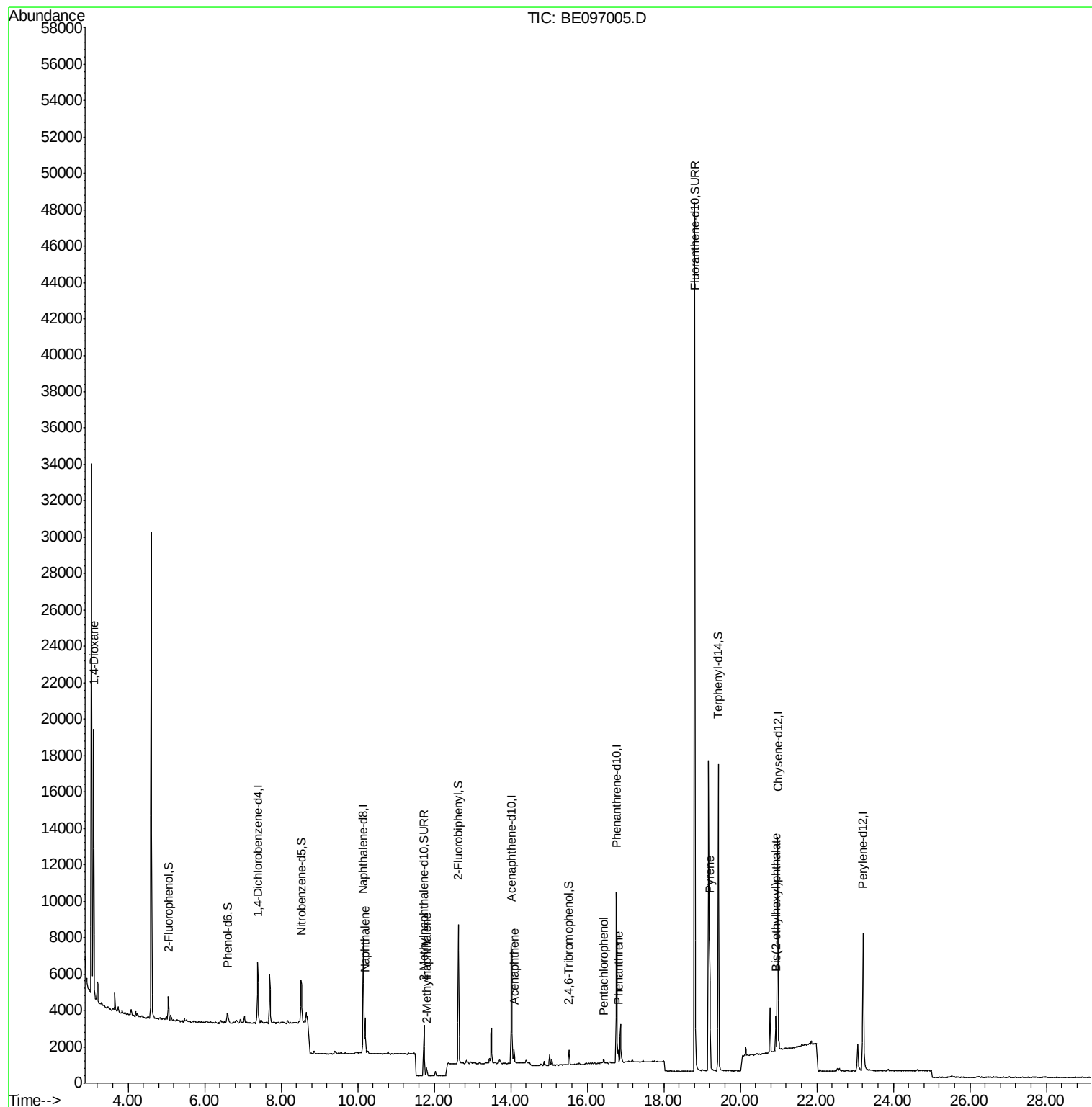
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
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#1

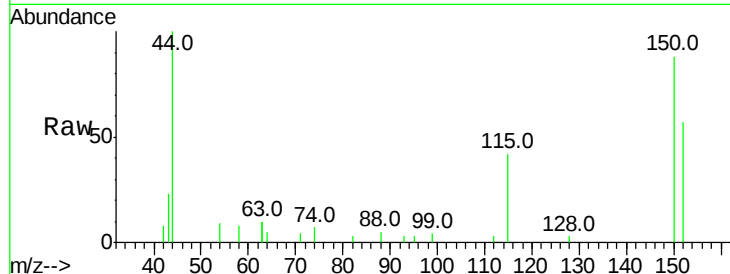
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE097005.D
Acq: 19 Jul 2018 15:11

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318

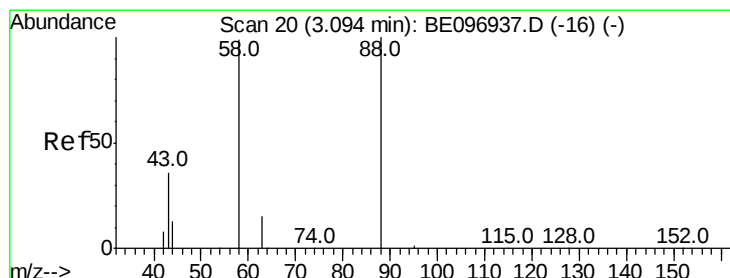
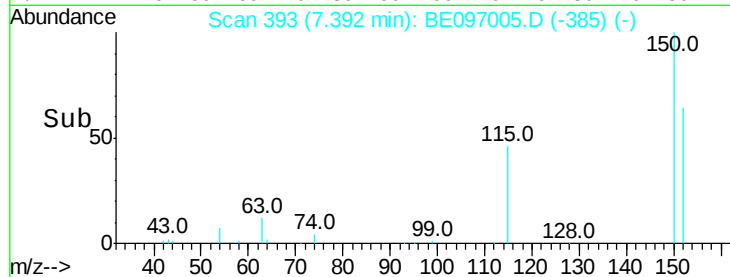
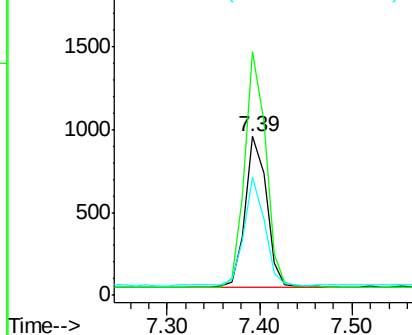
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	117.2	175.8
115	74.2	57.0	85.6

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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

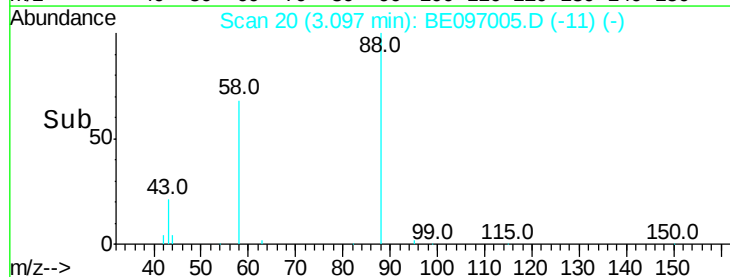
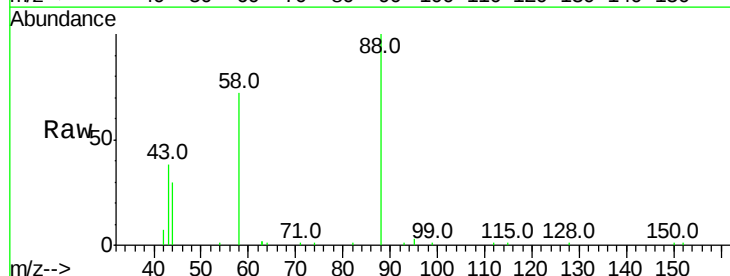
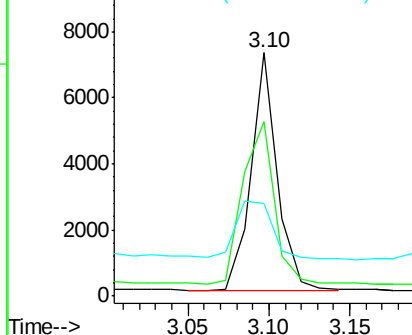


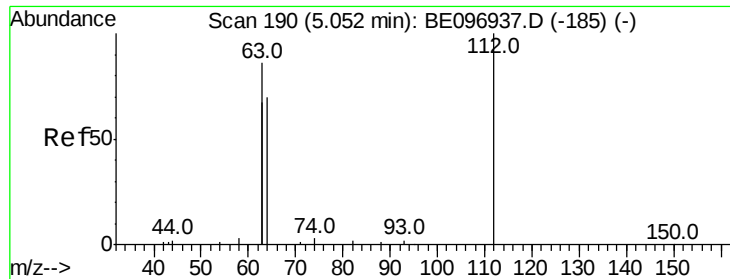
#2

1,4-Dioxane
Concen: 3.837 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097005.D
Acq: 19 Jul 2018 15:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.6	63.2	94.8
43	33.9	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: 0.173 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Instrument :

BNA_E

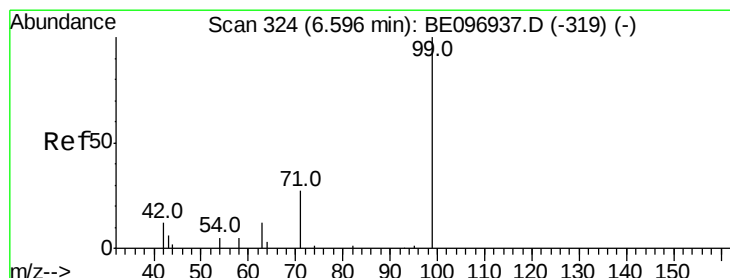
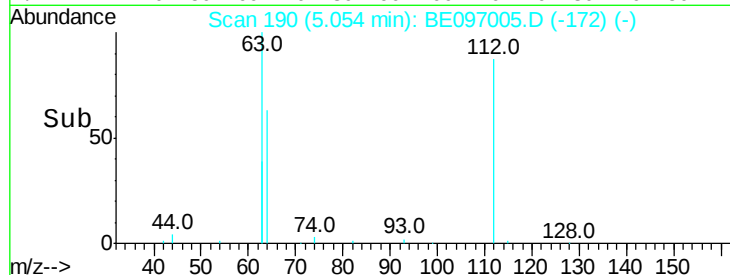
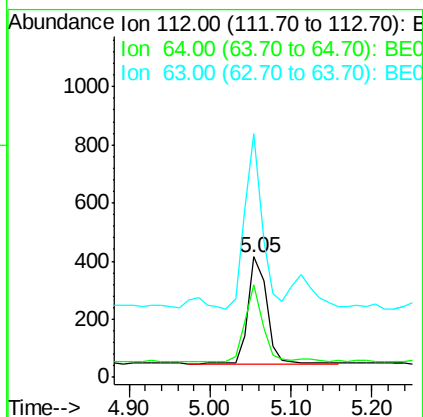
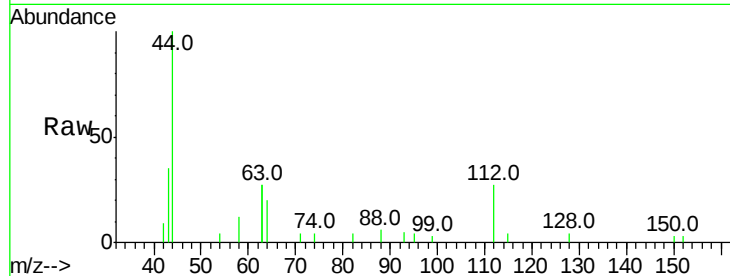
ClientSampleId :

RE104D1-071318

Tot Ion:	112	Resp:	601
Ion Ratio	Lower	Upper	
112	100		
64	65.9	60.1	90.1
63	150.1	116.8	175.2

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#5

Phenol-d6

Concen: 0.095 ng

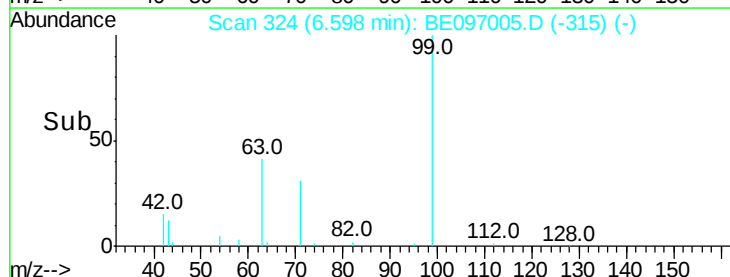
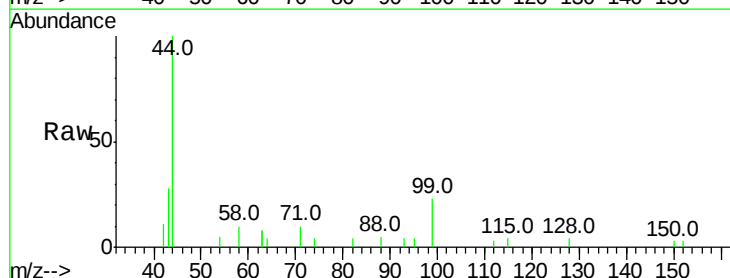
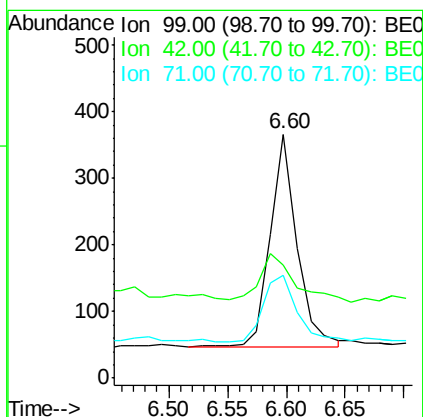
RT: 6.60 min Scan# 324

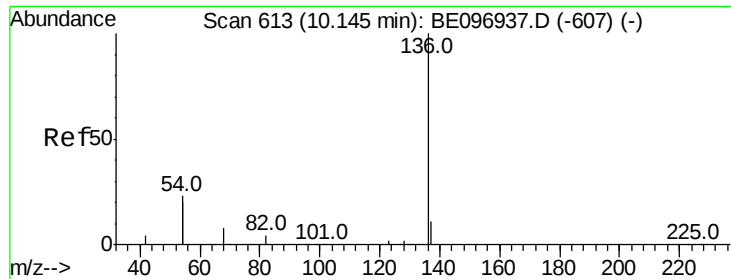
Delta R.T. 0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Tgt Ion:	99	Resp:	505
Ion Ratio	Lower	Upper	
99	100		
42	26.9	20.2	30.2
71	40.0	28.4	42.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Instrument :

BNA_E

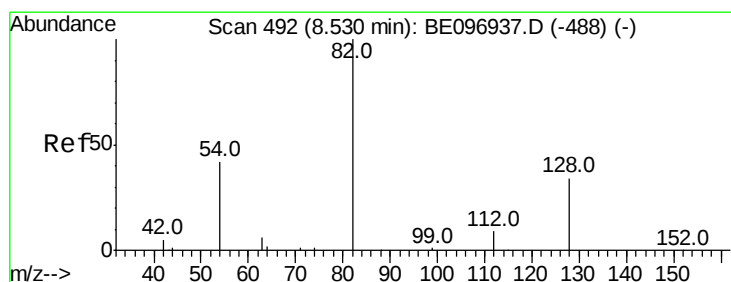
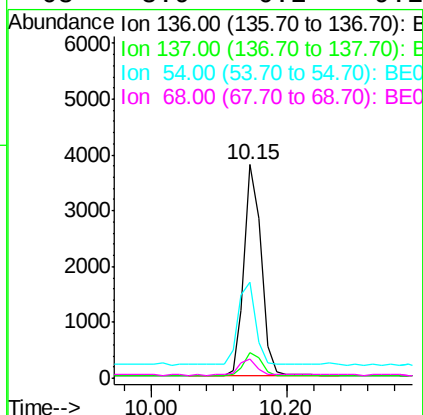
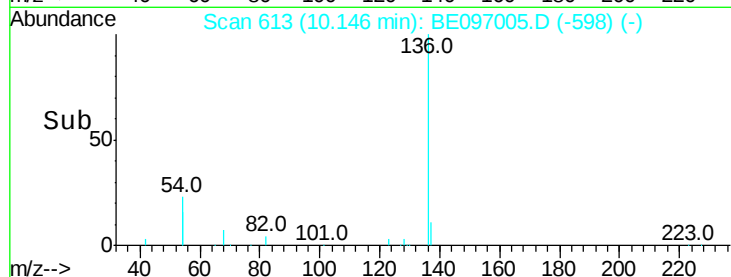
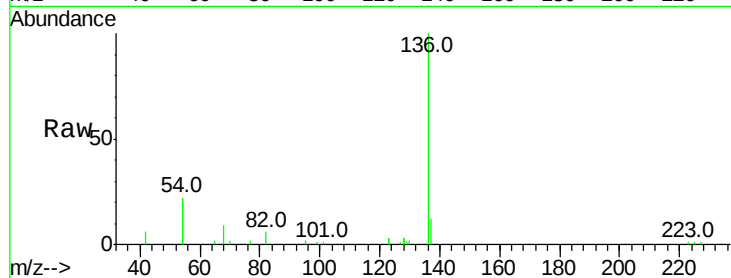
ClientSampleId :

RE104D1-071318

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	44.9	29.1	43.7#
68	8.9	6.2	9.2

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#8

Nitrobenzene-d5

Concen: 0.455 ng

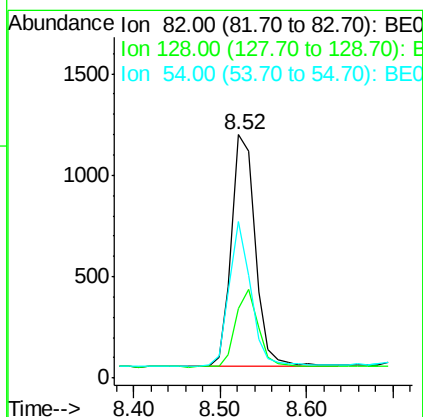
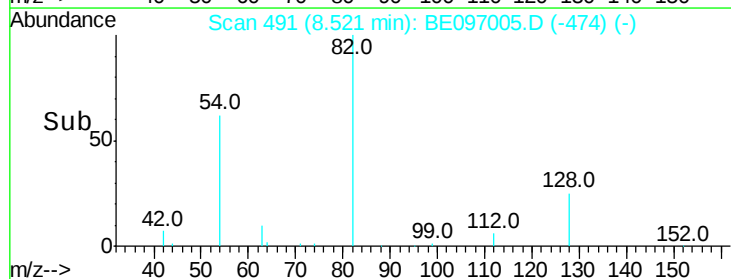
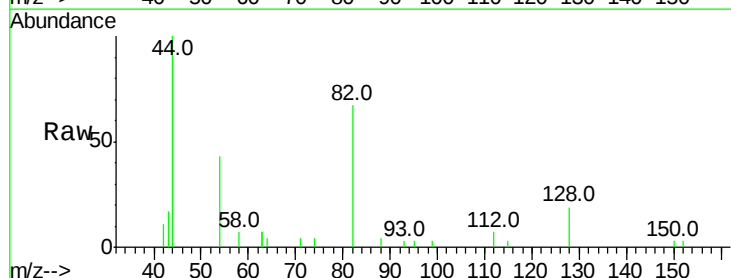
RT: 8.52 min Scan# 491

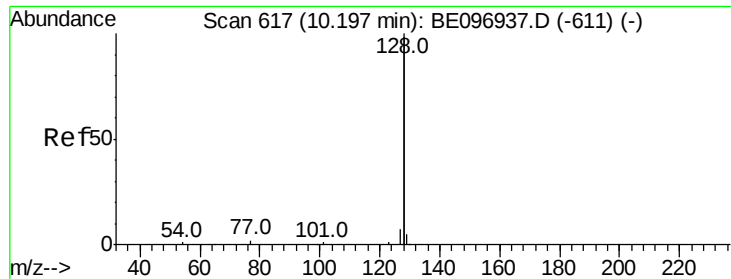
Delta R.T. -0.01 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.3	24.0	36.0
54	64.3	40.0	60.0#





#9

Naphthalene

Concen: 0.051 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Instrument :

BNA_E

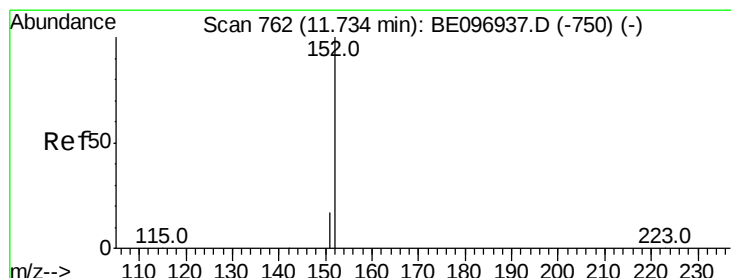
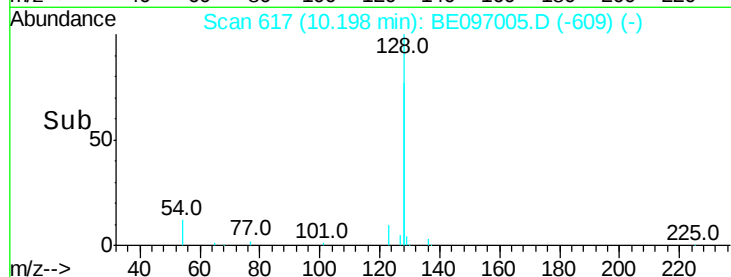
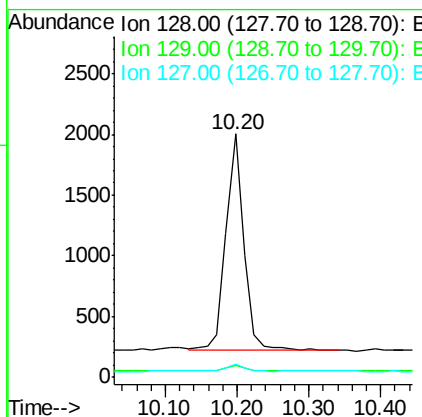
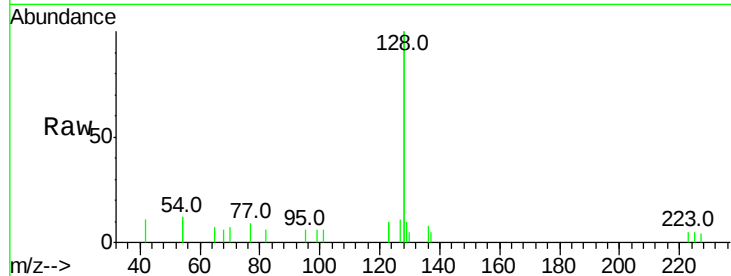
ClientSampleId :

RE104D1-071318

Tot Ion:	128	Resp:	3063
Ion Ratio	Lower	Upper	
128	100		
129	4.9	2.6	3.8#
127	5.3	2.8	4.2#

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#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

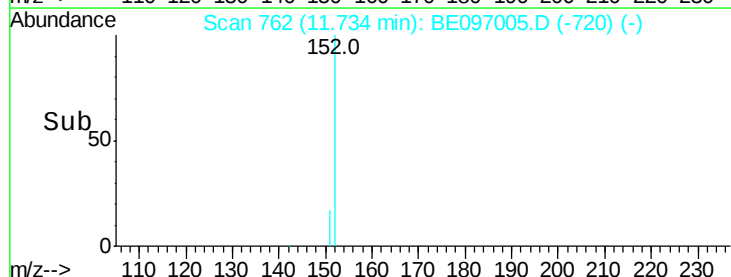
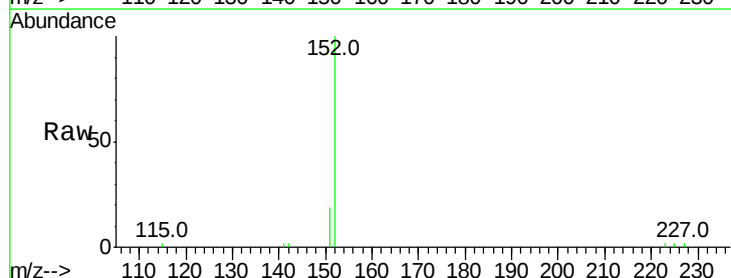
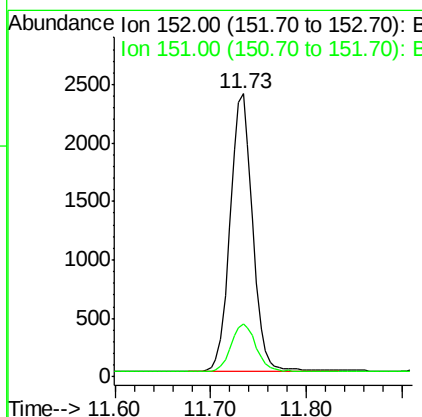
RT: 11.73 min Scan# 762

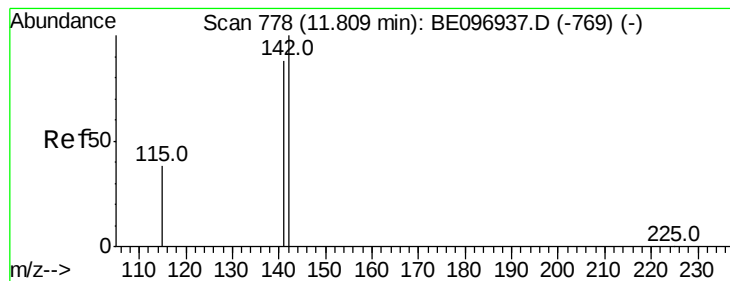
Delta R.T. -0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Tgt Ion:	152	Resp:	3889
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.4	23.0





#12

2-Methylnaphthalene

Concen: 0.031 ng

RT: 11.80 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Instrument :

BNA_E

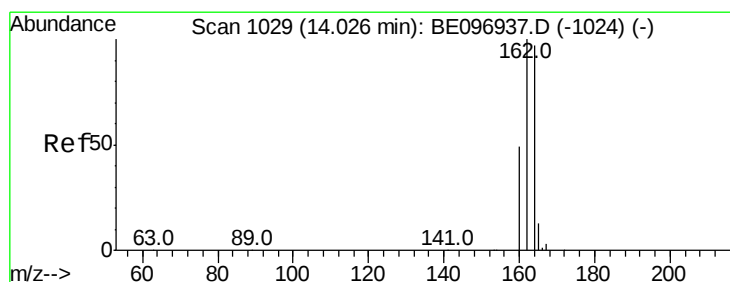
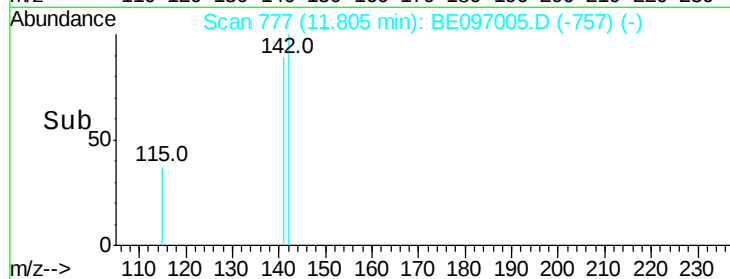
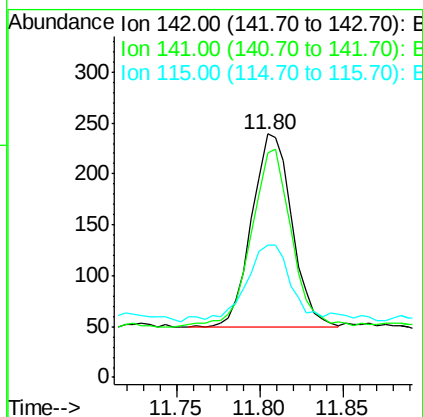
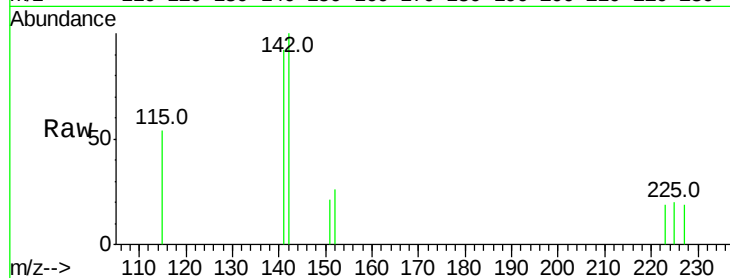
ClientSampleId :

RE104D1-071318

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.4	105.6
115	54.4	31.7	47.5

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#13

Acenaphthene-d10

Concen: 0.400 ng

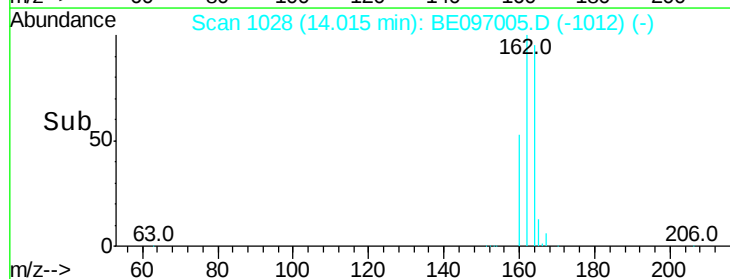
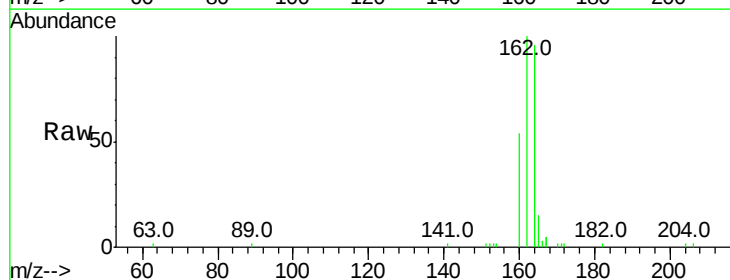
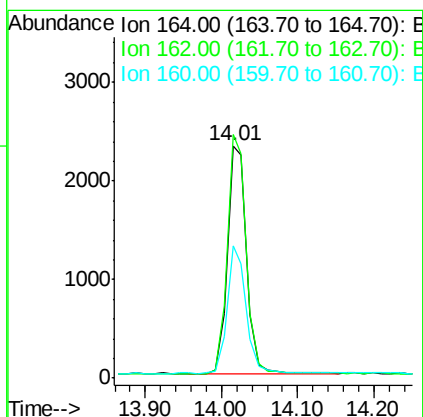
RT: 14.01 min Scan# 1028

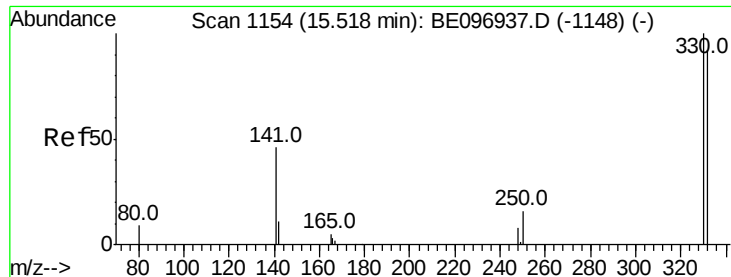
Delta R.T. -0.01 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.1	124.7
160	57.1	37.1	55.7





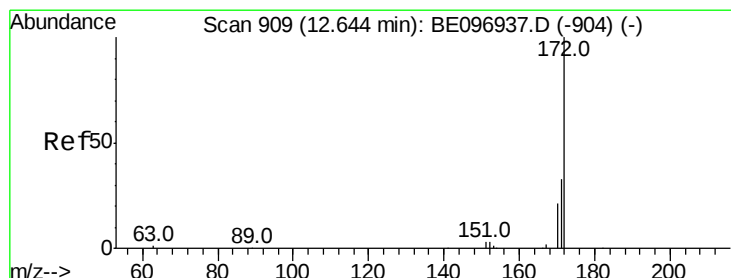
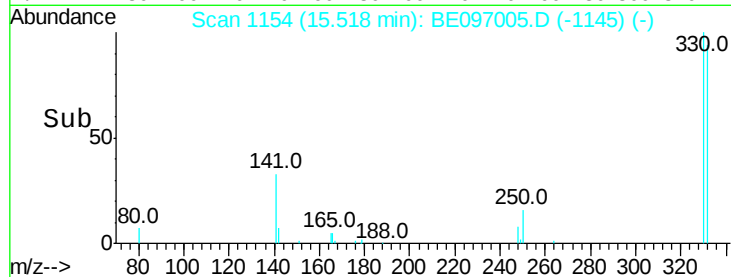
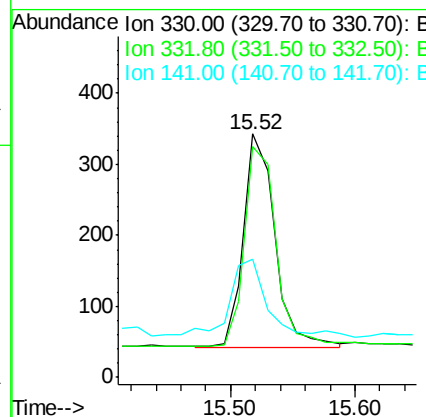
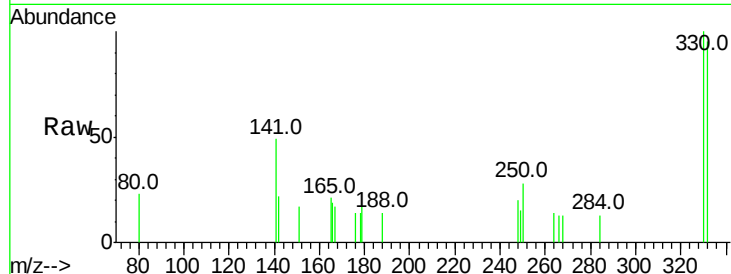
#14
 2,4,6-Tribromophenol
 Concen: 0.552 ng m
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097005.D
 Acq: 19 Jul 2018 15:11

Instrument :
 BNA_E
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 RE104D1-071318

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.5	152.7	229.1#
141	38.3	33.7	50.5

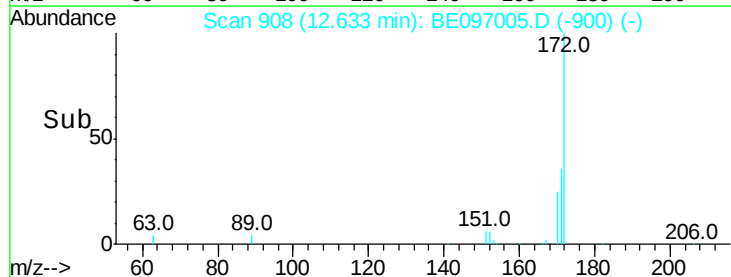
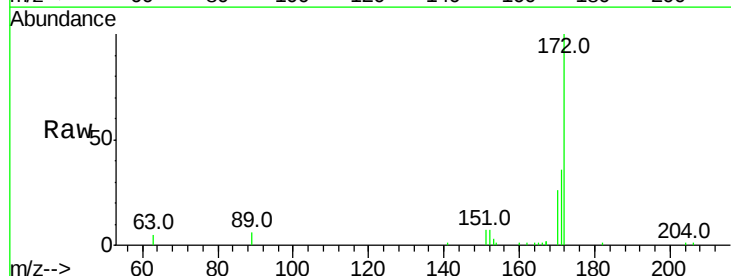
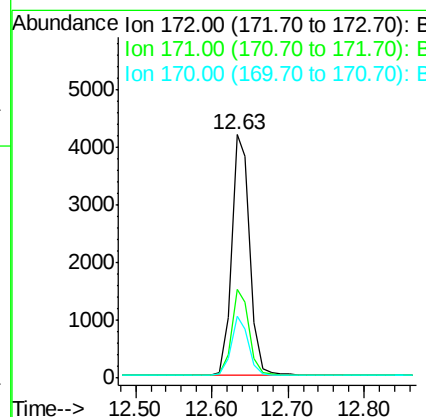
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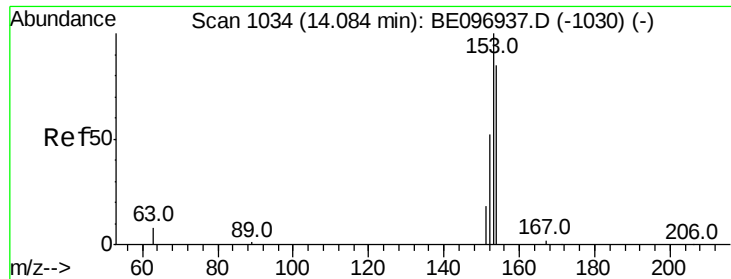
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#15
 2-Fluorobiphenyl
 Concen: 0.463 ng
 RT: 12.63 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BE097005.D
 Acq: 19 Jul 2018 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	25.6	21.8	32.8





#17

Acenaphthene

Concen: 0.029 ng

RT: 14.08 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Instrument :

BNA_E

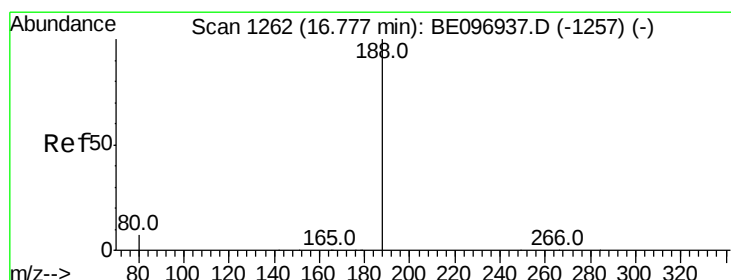
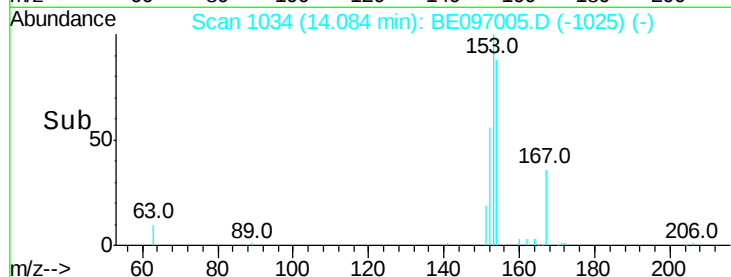
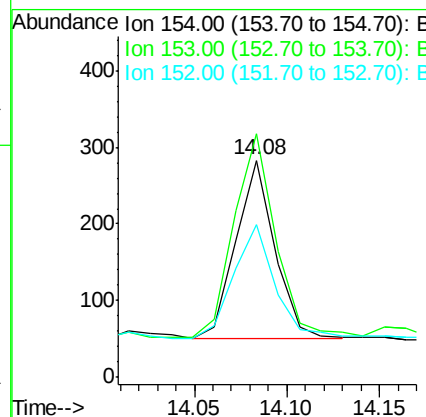
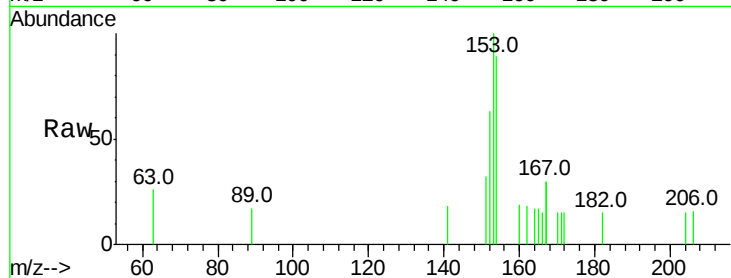
ClientSampleId :

RE104D1-071318

Tot Ion:	154	Resp:	338
Ion	Ratio	Lower	Upper
154	100		
153	122.8	89.2	133.8
152	69.2	42.0	63.0#

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#19

Phenanthrene-d10

Concen: 0.400 ng

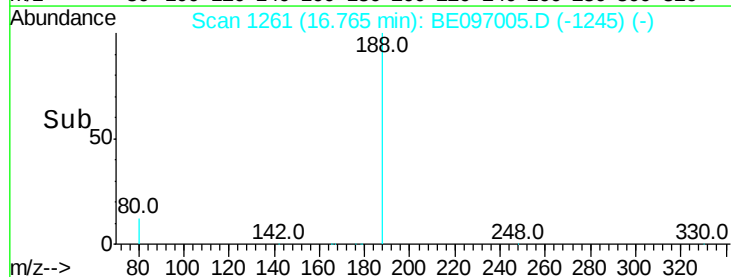
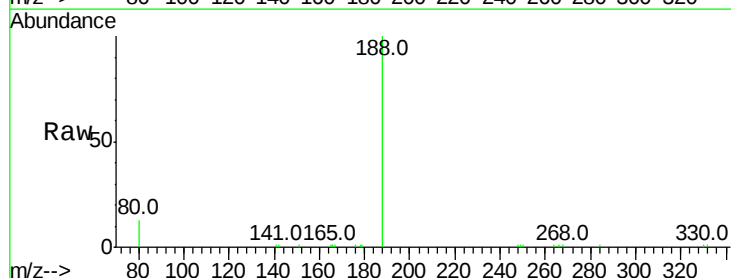
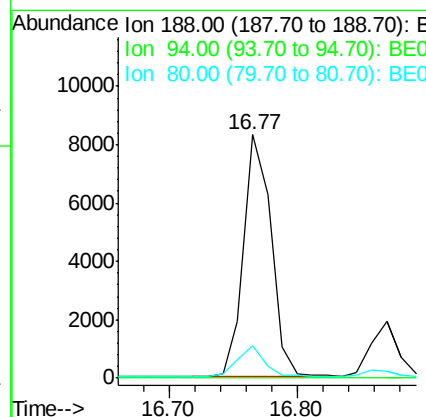
RT: 16.77 min Scan# 1261

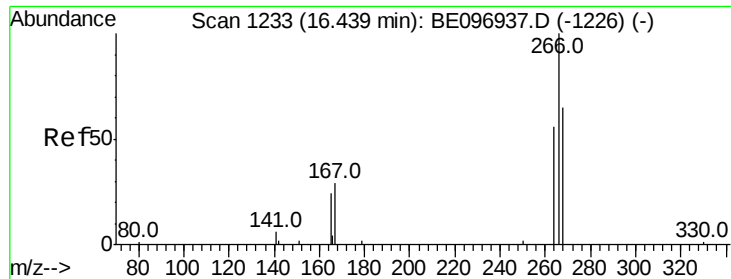
Delta R.T. -0.01 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Tgt Ion:	188	Resp:	12420
Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.2	3.6	5.4#





#22

Pentachlorophenol

Concen: 0.141 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Instrument :

BNA_E

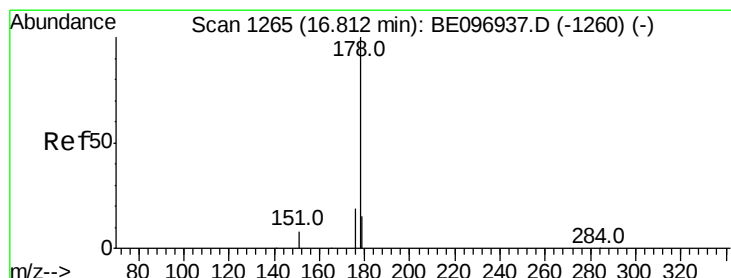
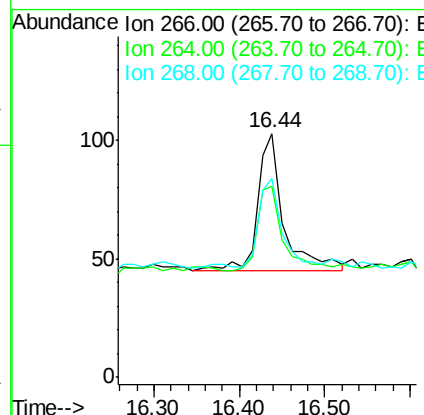
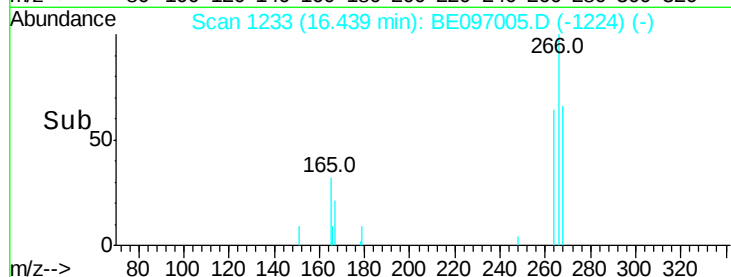
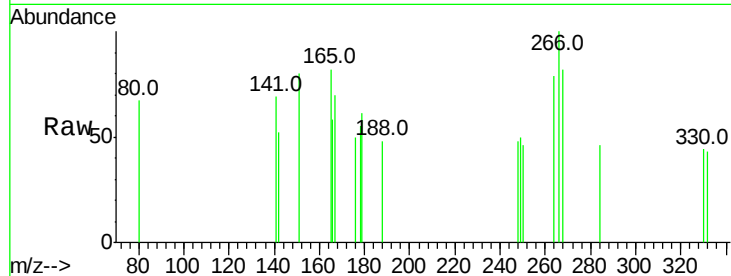
ClientSampleId :

RE104D1-071318

Tot Ion:	266	Resp:	126
Ion Ratio	Lower	Upper	
266	100		
264	78.6	72.5	108.7
268	81.6	73.8	110.6

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#23

Phenanthrene

Concen: 0.022 ng

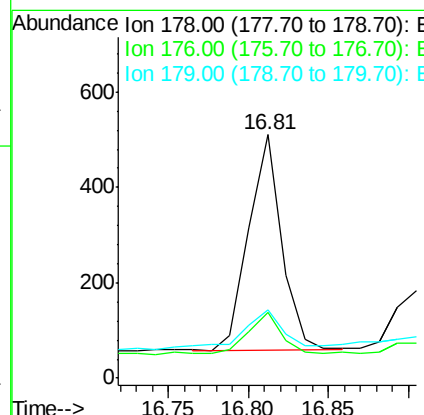
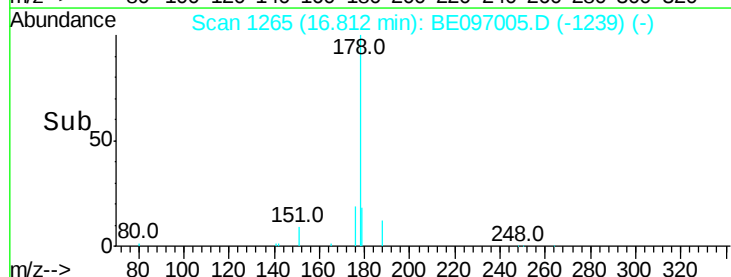
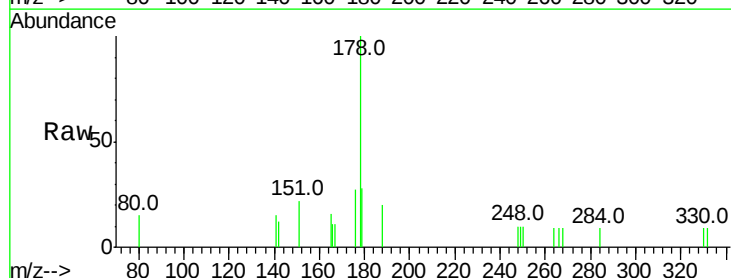
RT: 16.81 min Scan# 1265

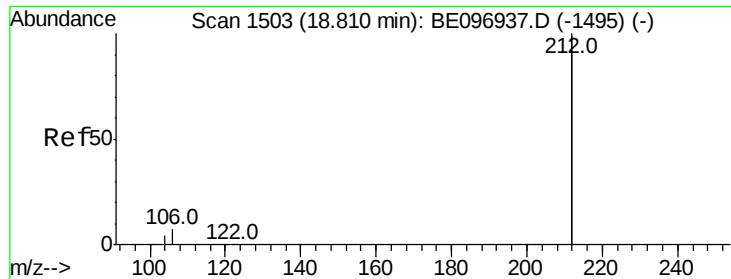
Delta R.T. 0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Tgt Ion:	178	Resp:	652
Ion Ratio	Lower	Upper	
178	100		
176	20.9	15.1	22.7
179	22.4	11.8	17.6#





#25

Fluoranthene-d10

Concen: 0.555 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Instrument :

BNA_E

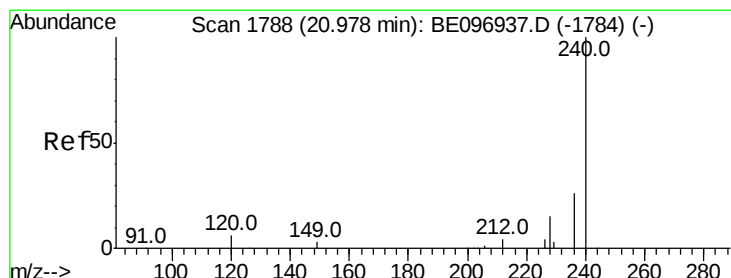
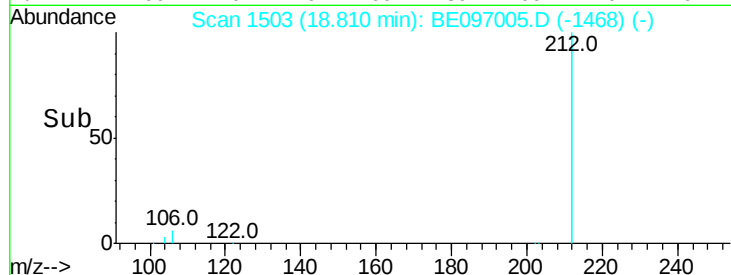
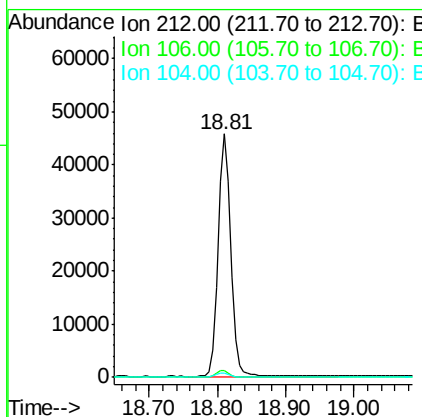
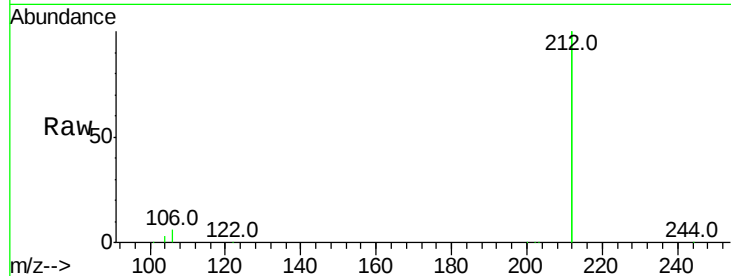
ClientSampleId :

RE104D1-071318

Tot Ion:	212	Resp:	59992
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

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#27

Chrysene-d12

Concen: 0.400 ng

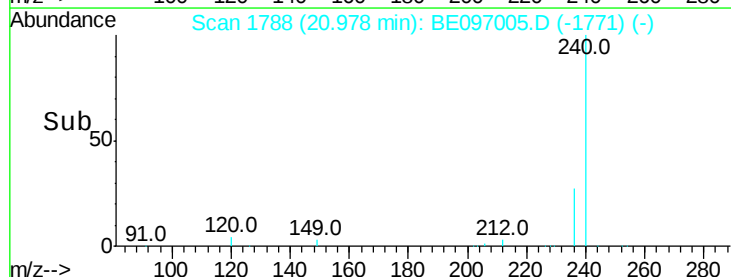
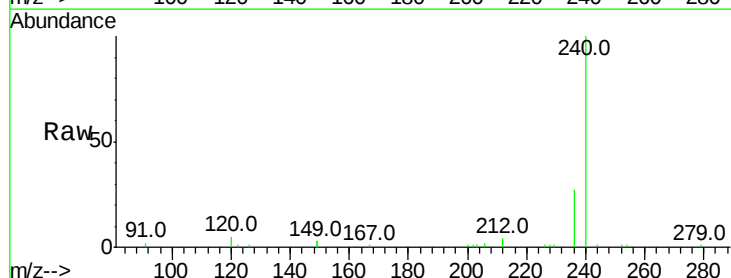
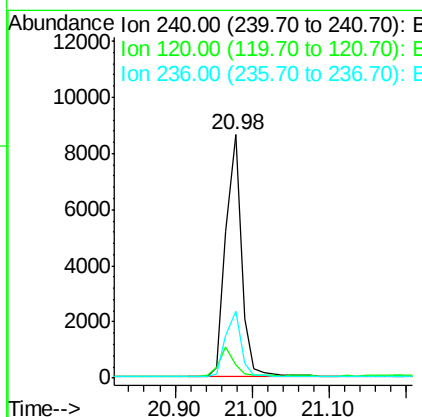
RT: 20.98 min Scan# 1788

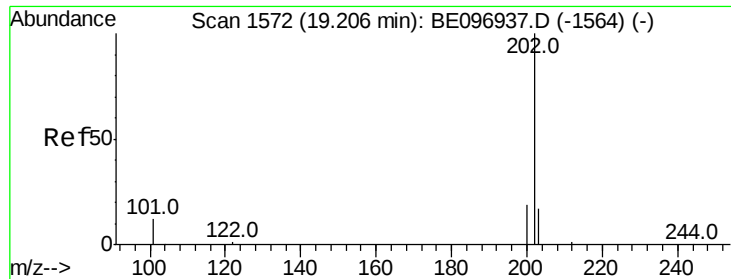
Delta R.T. -0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Tgt Ion:	240	Resp:	12271
Ion Ratio	Lower	Upper	
240	100		
120	5.3	5.5	8.3#
236	27.4	20.7	31.1





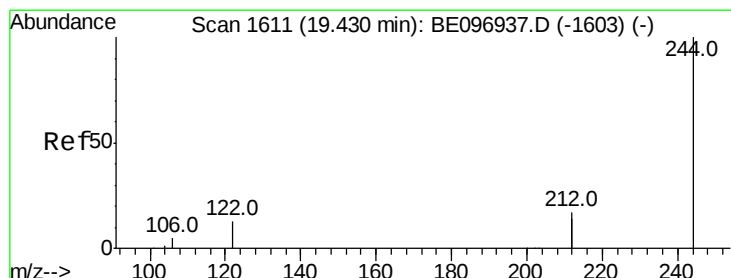
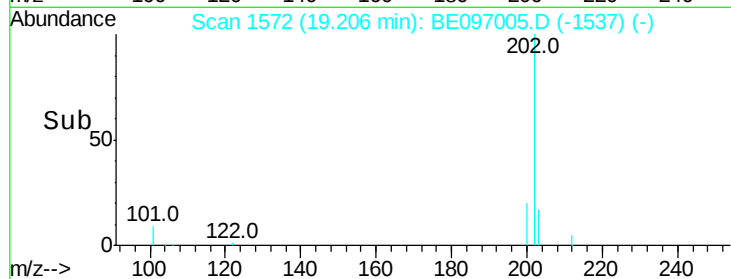
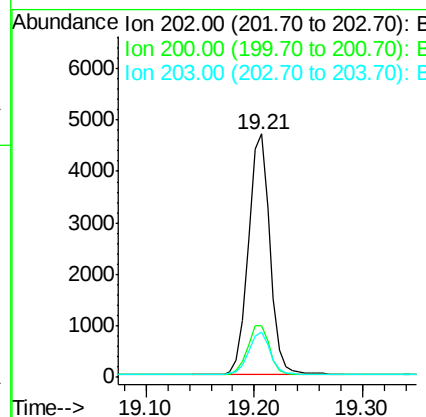
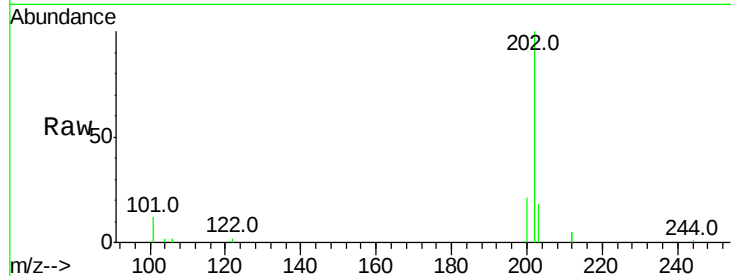
#28
Pvrene
Concen: 0.178 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097005.D
Acq: 19 Jul 2018 15:11

Instrument :
BNA_E
ClientSampleId :
RE104D1-071318

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.6	13.8	20.8

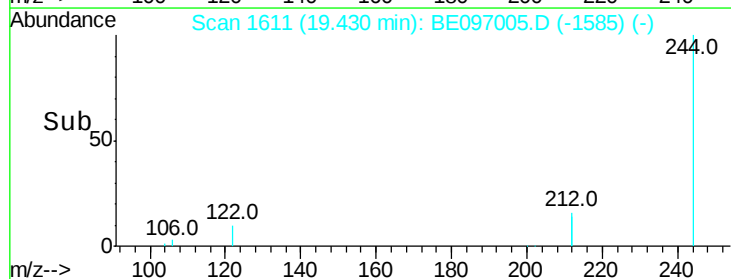
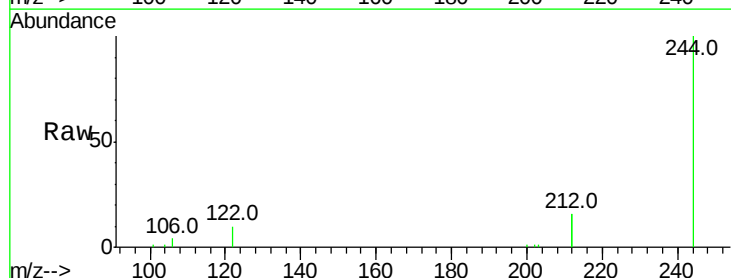
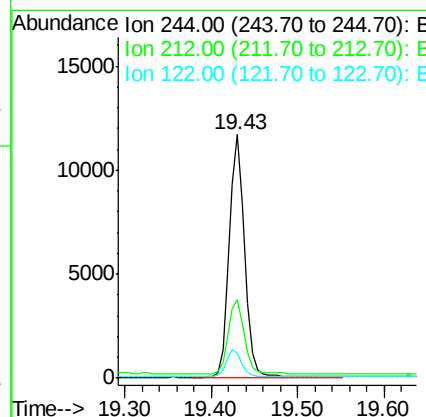
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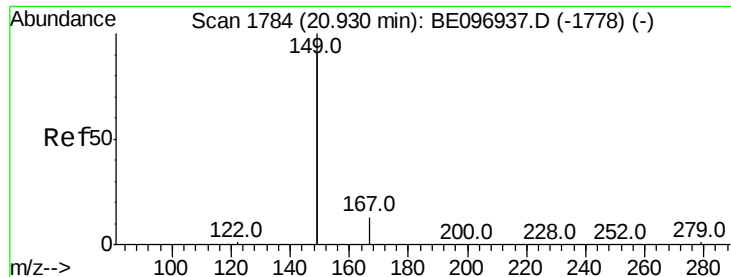
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#29
Terphenyl-d14
Concen: 0.597 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097005.D
Acq: 19 Jul 2018 15:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	32.2	25.4	38.0
122	10.2	8.1	12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.084 ng

RT: 20.93 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Instrument :

BNA_E

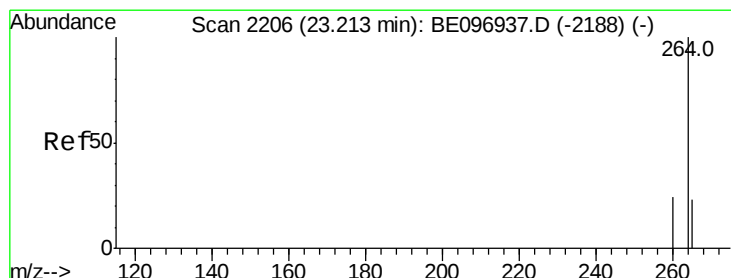
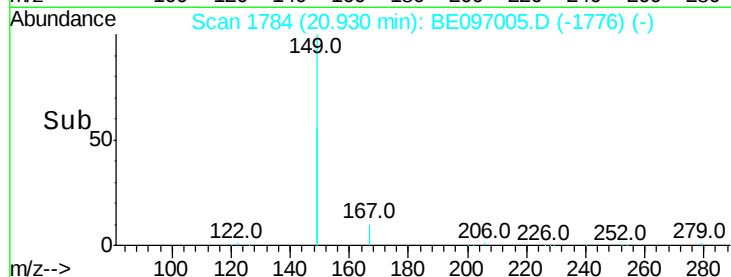
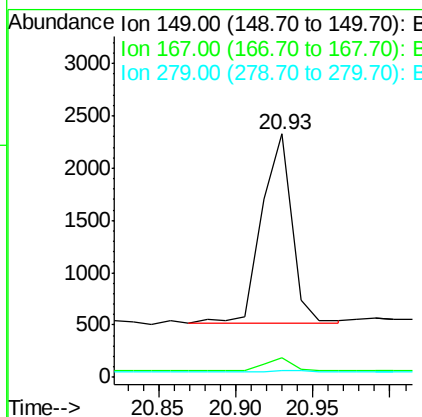
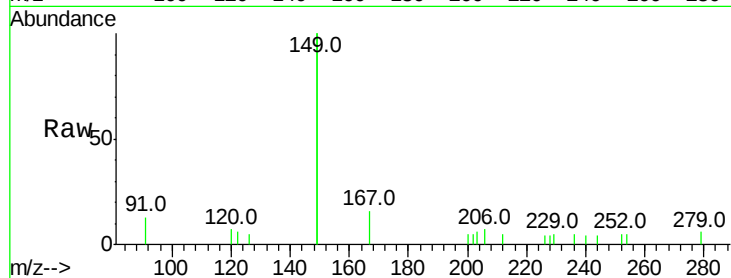
ClientSampleId :

RE104D1-071318

Tot Ion:	149	Resp:	2446
Ion Ratio	Lower	Upper	
149	100		
167	6.6	5.4	8.0
279	1.1	0.7	1.1

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#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE097005.D

Acq: 19 Jul 2018 15:11

Tgt Ion:	264	Resp:	10990
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.5	30.7
265	25.4	22.8	34.2

