

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097619.D
 Acq On : 21 Sep 2018 19:43
 Operator : SJ/JU
 Sample : PB112884BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112884BSD

Manual Integrations
 APPROVED

Sohil
 9/24/2018 8:30:03 AM

Quant Time: Sep 22 04:37:25 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	1135	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4751	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2287	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	5319	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7016	0.40	ng	0.00
34) Perylene-d12	23.21	264	7596	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.06	112	1166	0.34	ng	0.01
5) Phenol-d6	6.62	99	1559m	0.36	ng	0.01
8) Nitrobenzene-d5	8.53	82	1361	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3294	0.50	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	191	0.27	ng	0.01
15) 2-Fluorobiphenyl	12.62	172	3738	0.46	ng	0.00
25) Fluoranthene-d10	18.80	212	24273	0.36	ng	0.00
29) Terphenyl-d14	19.42	244	4230	0.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	635	0.319	ng	# 71
3) n-Nitrosodimethylamine	3.38	42	624	0.379	ng	# 95
6) bis(2-Chloroethyl)ether	6.84	93	1272	0.315	ng	83
9) Naphthalene	10.17	128	17544	0.410	ng	100
10) Hexachlorobutadiene	10.46	225	750	0.380	ng	95
12) 2-Methylnaphthalene	11.80	142	2608	0.391	ng	99
16) Acenaphthylene	13.73	152	3390	0.375	ng	99
17) Acenaphthene	14.06	154	2312	0.381	ng	96
18) Fluorene	15.06	166	2967	0.375	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	896	0.374	ng	# 81
21) Hexachlorobenzene	16.07	284	1080	0.410	ng	# 85
22) Pentachlorophenol	16.45	266	281	0.367	ng	# 81
23) Phenanthrene	16.80	178	4936	0.391	ng	99
24) Anthracene	16.91	178	4161	0.373	ng	96
26) Fluoranthene	18.84	202	5912	0.337	ng	98
28) Pyrene	19.20	202	5966	0.374	ng	100
30) Benzo(a)anthracene	20.95	228	6649	0.376	ng	96
31) Chrysene	21.00	228	7924	0.418	ng	99
32) Bis(2-ethylhexyl)phthalate	20.91	149	6842	0.241	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.51	276	10687	0.468	ng	# 94
35) Benzo(b)fluoranthene	22.53	252	7861	0.404	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	9442	0.425	ng	94
37) Benzo(a)pyrene	23.11	252	8073	0.427	ng	# 92
38) Dibenzo(a,h)anthracene	25.53	278	8782	0.430	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	8638	0.435	ng	# 90

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

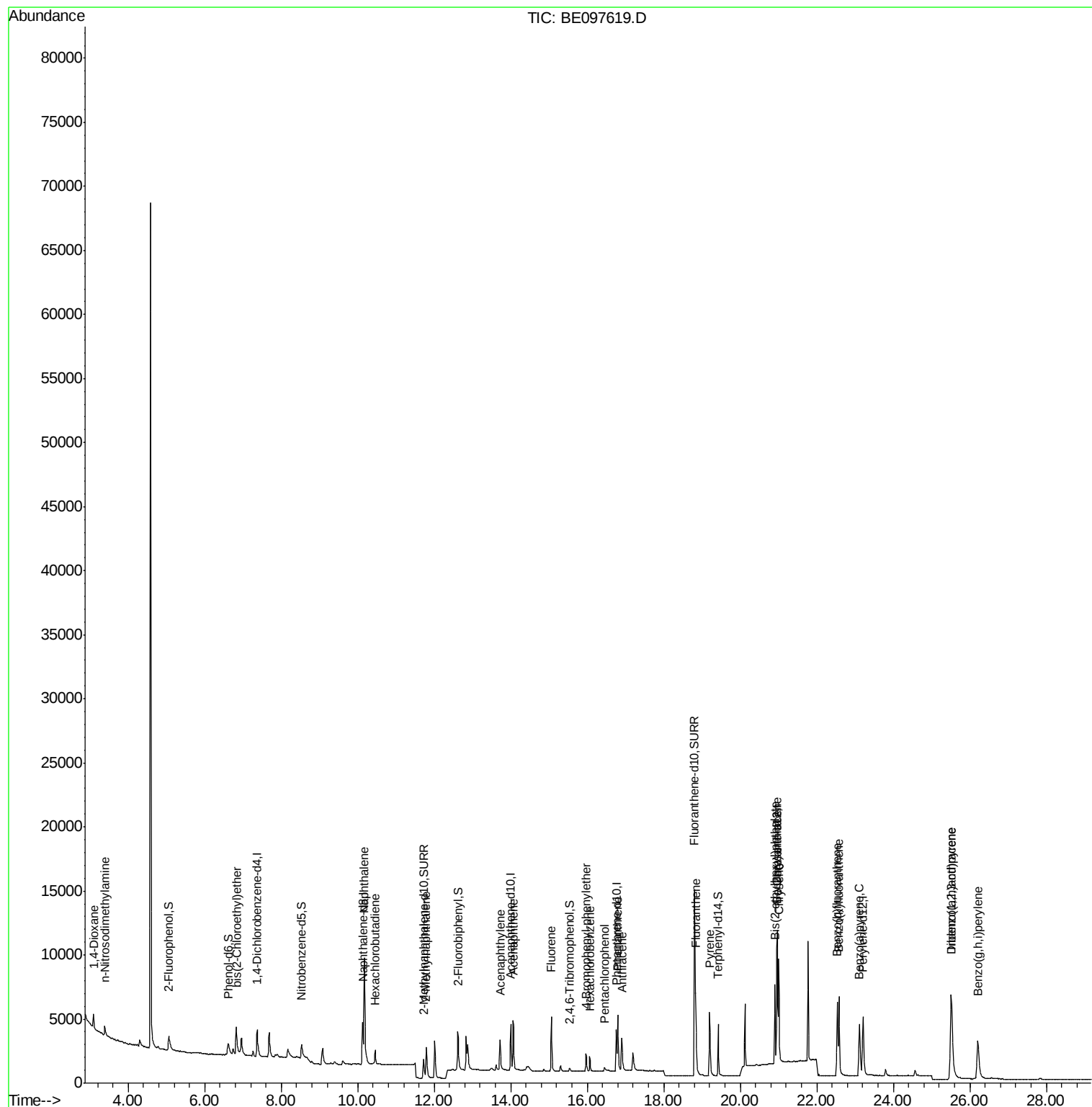
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097619.D
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#1

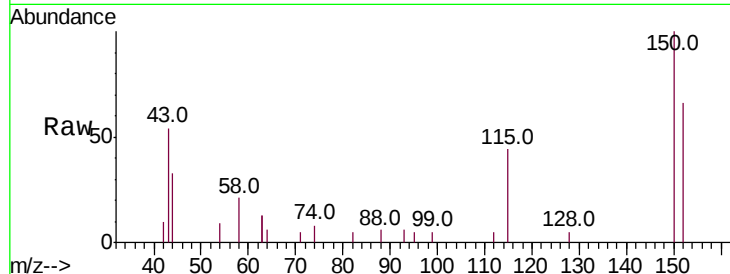
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Instrument :
BNA_E
ClientSampled :
PB112884BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	117.2	175.8
115	66.9	57.0	85.6

Manual Integrations
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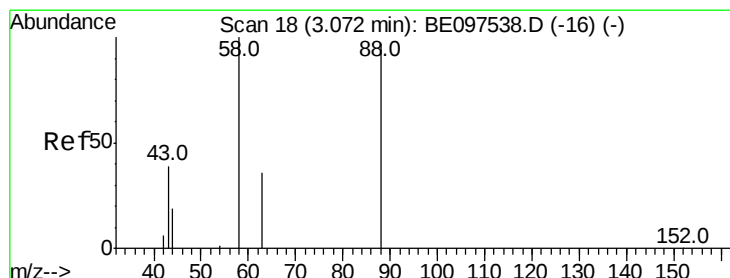
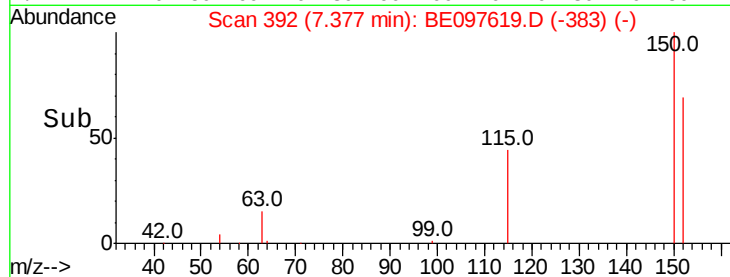
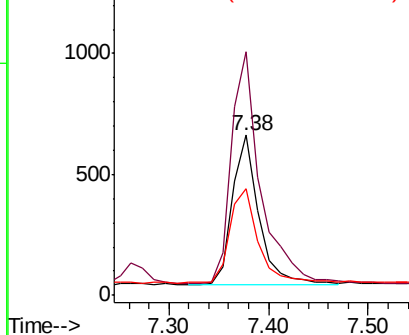


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

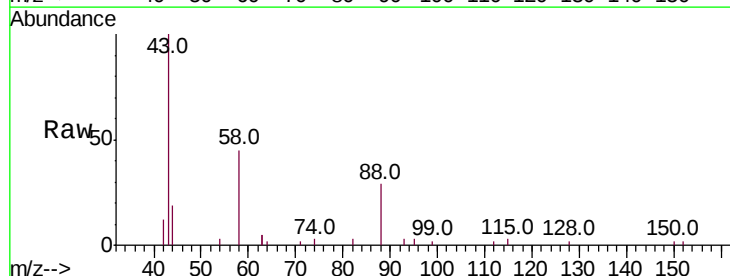
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.319 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.02 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	63.2	94.8
43	95.1	41.2	61.8#

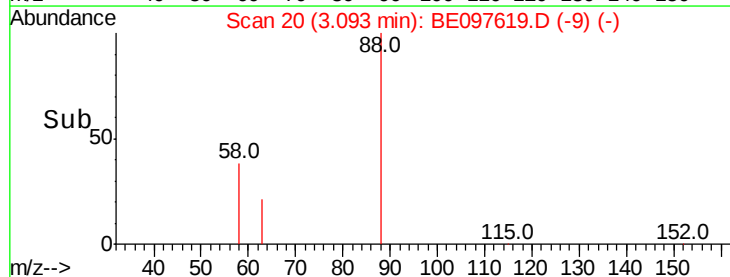
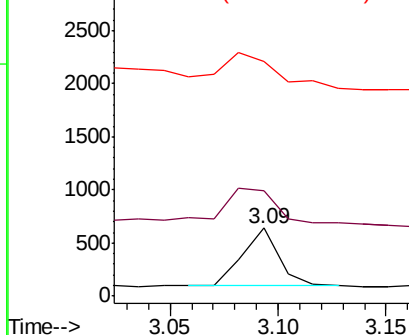


Abundance

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





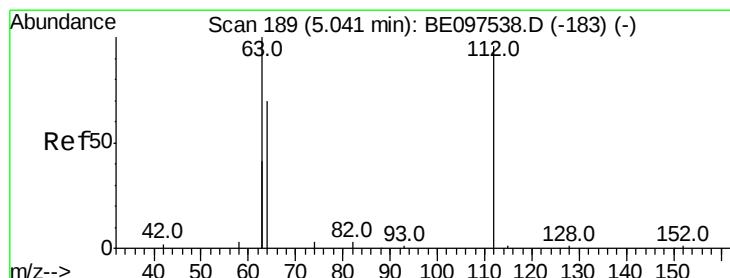
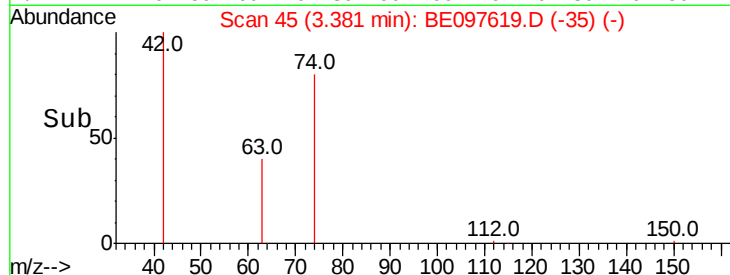
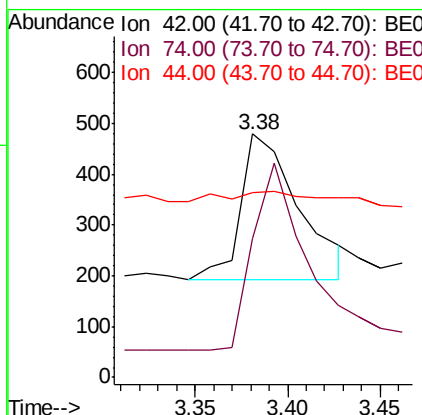
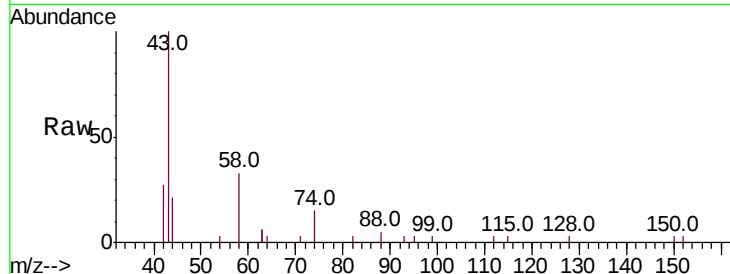
#3
n-Nitrosodimethylamine
Concen: 0.379 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
PB112884BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	116.2	96.0	144.0
44	9.5	12.0	18.0

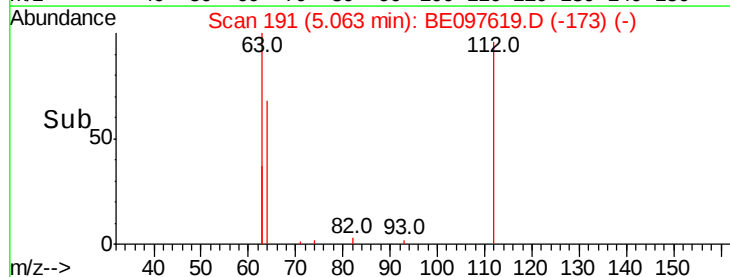
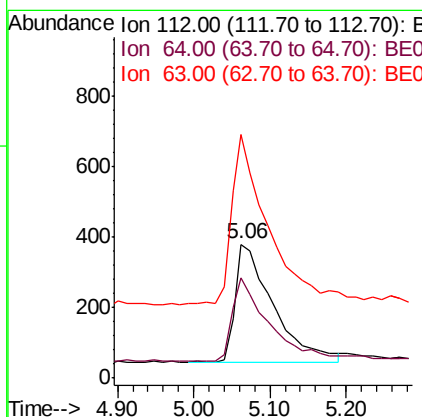
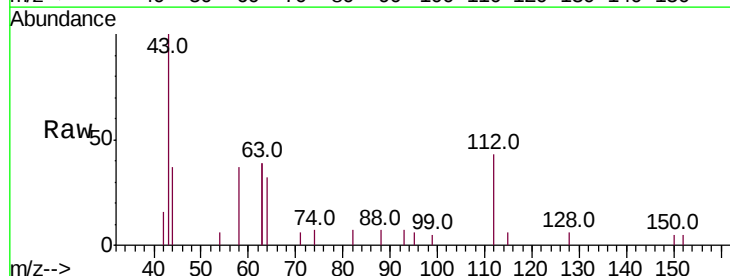
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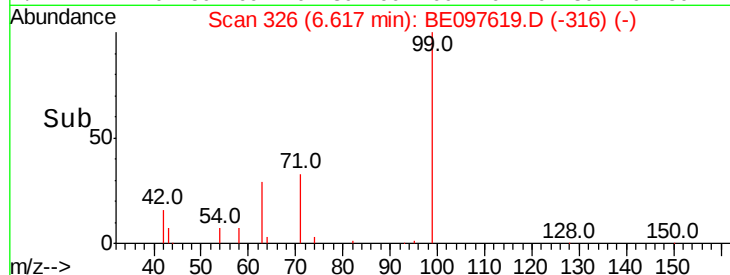
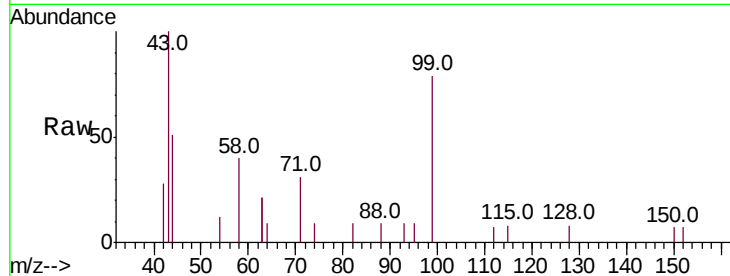
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9/24/2018 8:30:03 AM



#4
2-Fluorophenol
Concen: 0.343 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	60.1	90.1
63	140.1	116.8	175.2





#5

Phenol-d6

Concen: 0.359 ng/ml

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Tot Ion:	99	Resp:	1559
Ion	Ratio	Lower	Upper
99	100		
42	17.4	20.2	30.2#
71	29.8	28.4	42.6

Instrument :

BNA_E

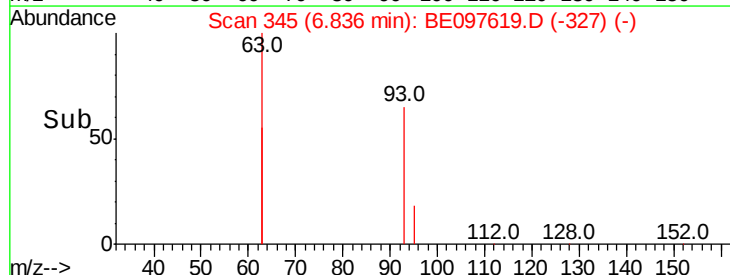
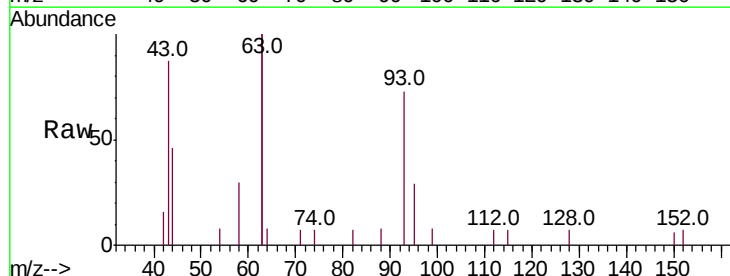
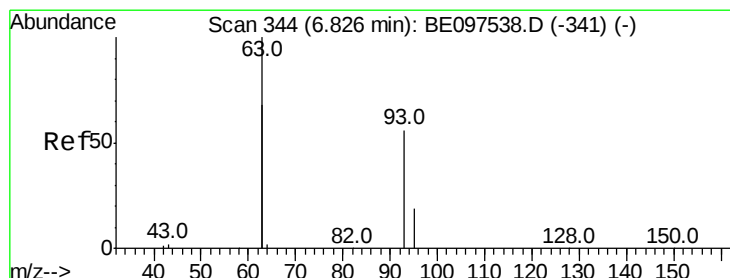
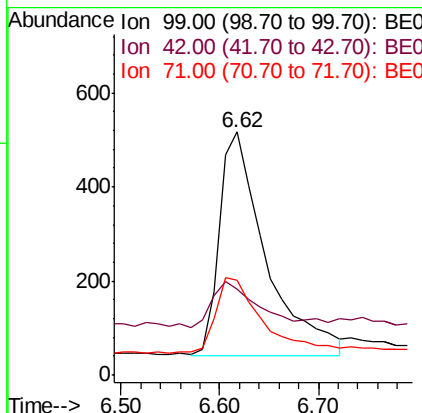
ClientSampleId :

PB112884BSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.315 ng/ml

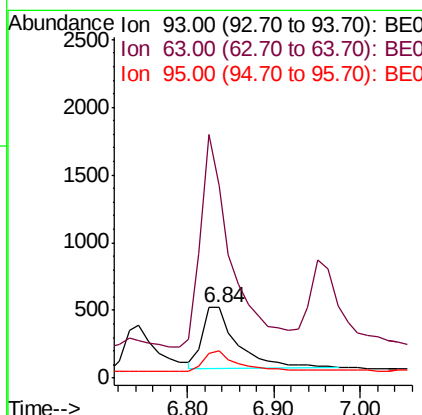
RT: 6.84 min Scan# 345

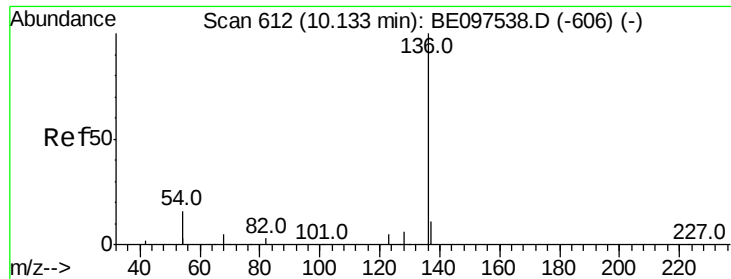
Delta R.T. 0.01 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Tgt Ion:	93	Resp:	1272
Ion	Ratio	Lower	Upper
93	100		
63	305.6	275.3	412.9
95	34.0	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Instrument :

BNA_E

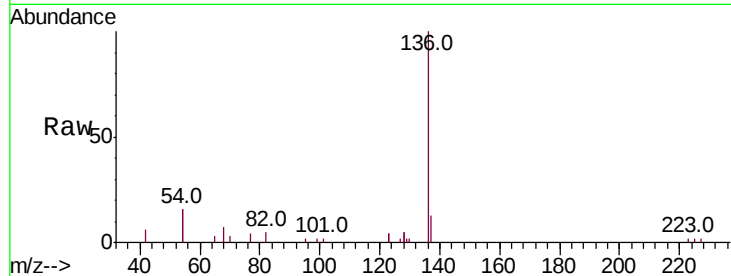
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PB112884BSD

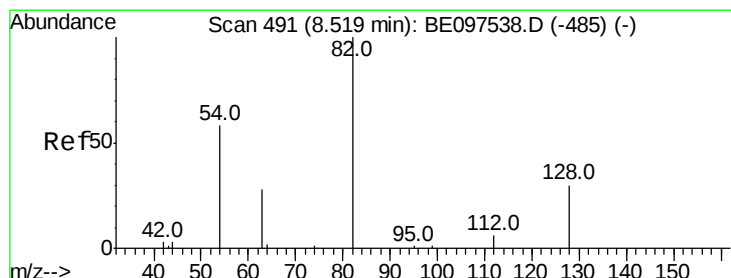
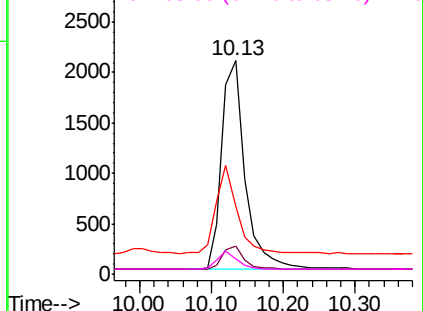
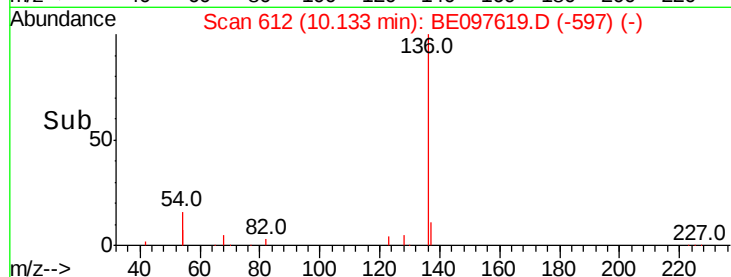
Tot Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	31.7	29.1	43.7
68	7.3	6.2	9.2

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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: 0.371 ng

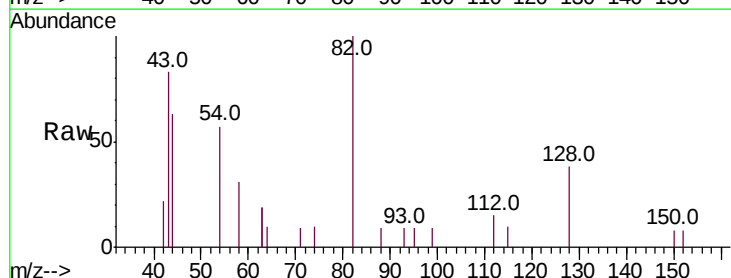
RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

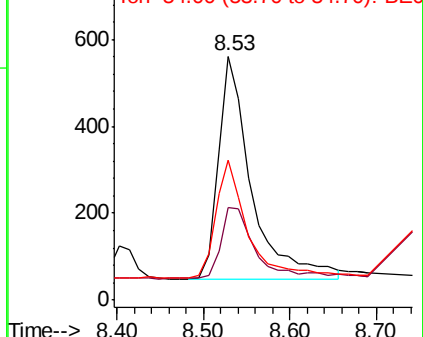
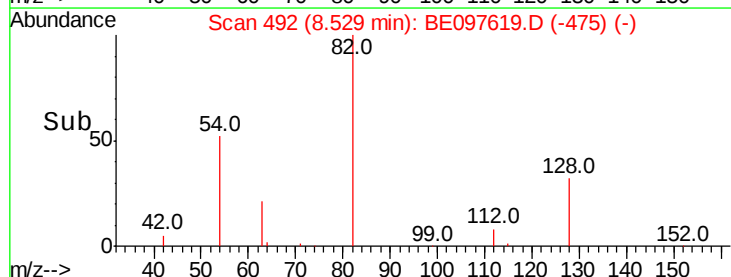
Lab File: BE097619.D

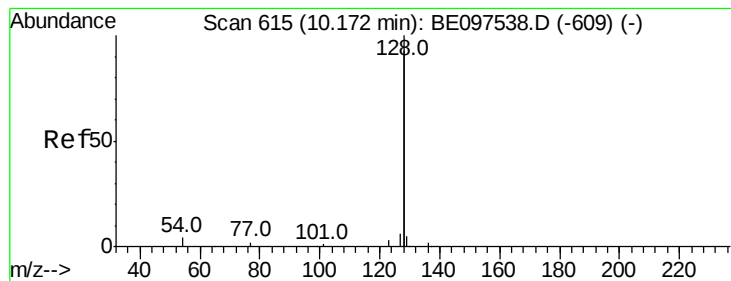
Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	24.0	36.0#
54	57.2	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





#9

Naphthalene

Concen: 0.410 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Instrument :

BNA_E

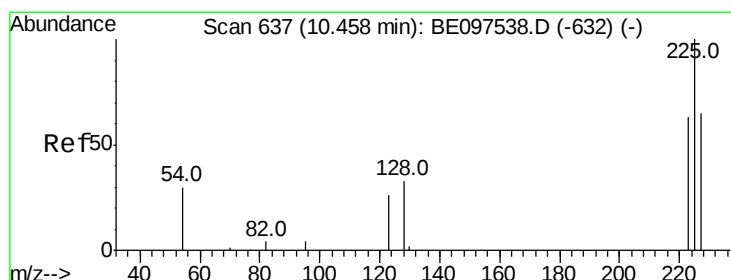
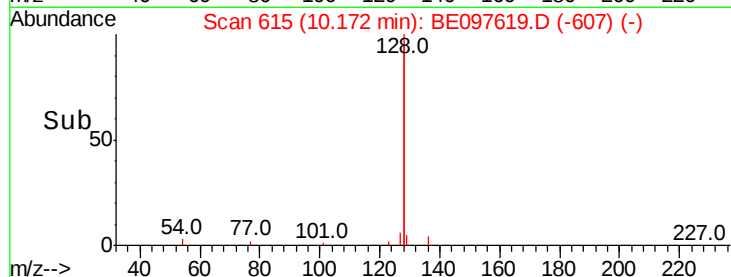
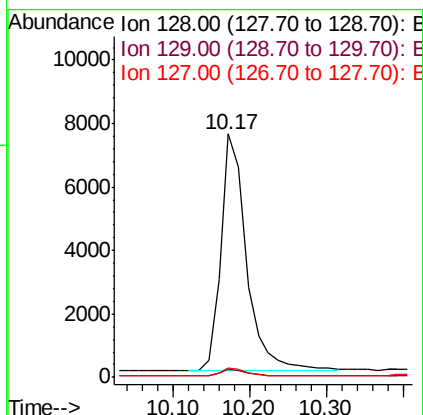
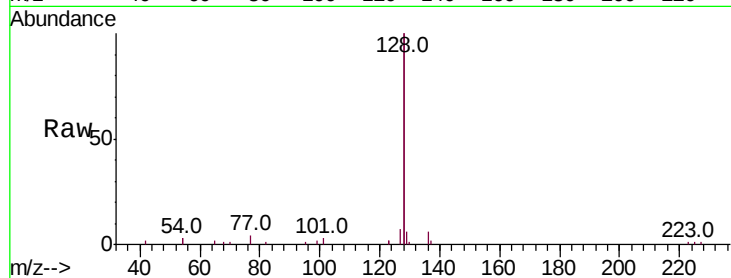
ClientSampleId :

PB112884BSD

Tot Ion:	128	Resp:	17544
Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.7	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.380 ng

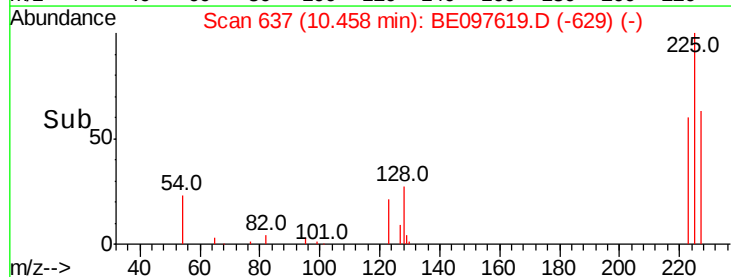
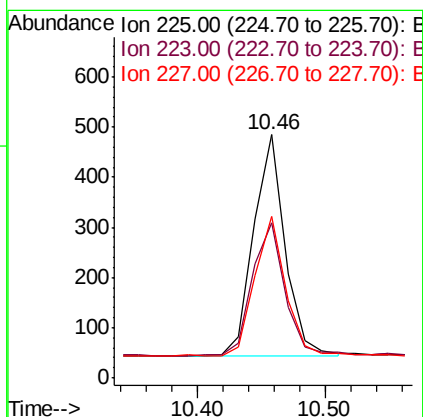
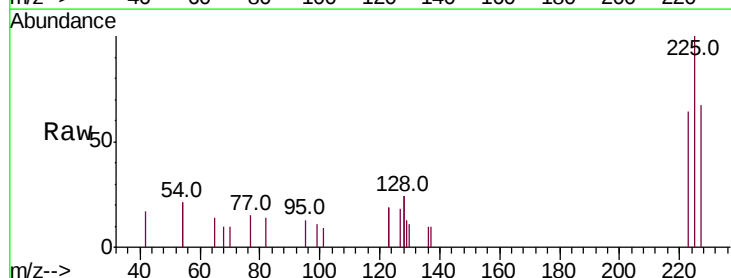
RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Tgt Ion:	225	Resp:	750
Ion	Ratio	Lower	Upper
225	100		
223	61.5	53.0	79.6
227	61.5	51.4	77.2





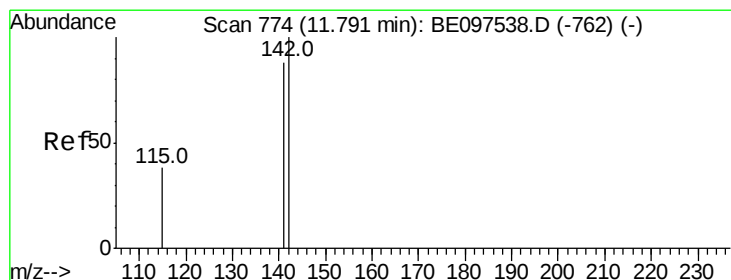
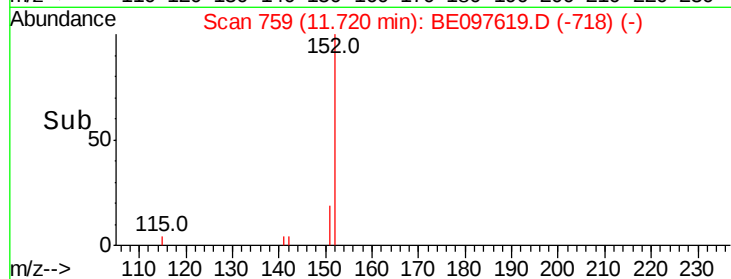
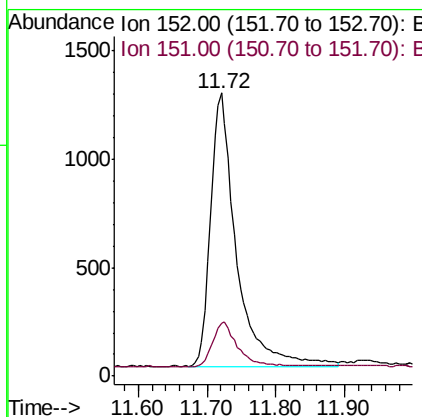
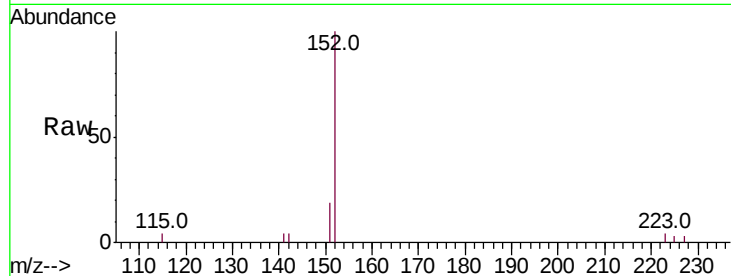
#11
2-Methylnaphthalene-d10
Concen: 0.503 ng
RT: 11.72 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
PB112884BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	15.4	15.4	23.0

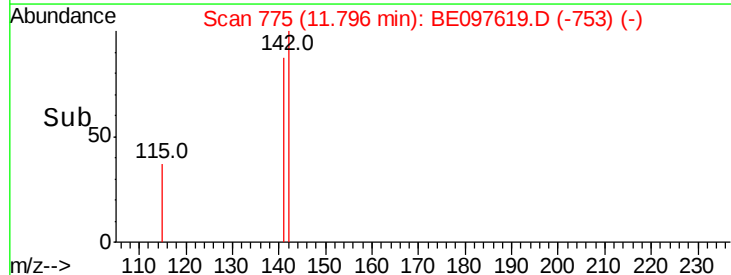
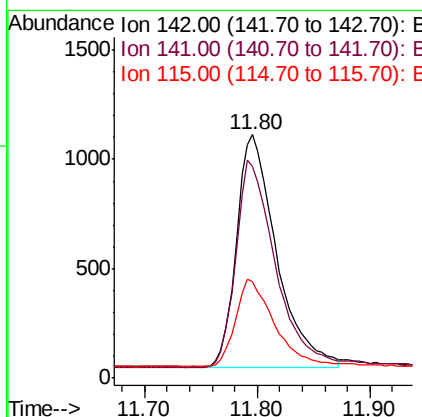
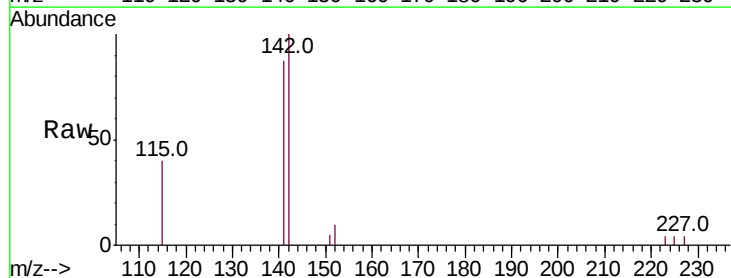
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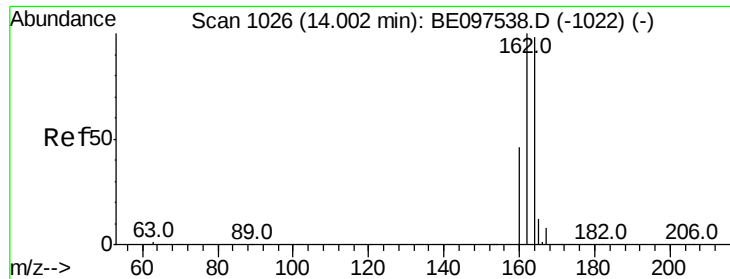
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#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.4	105.6
115	39.7	31.7	47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Instrument :

BNA_E

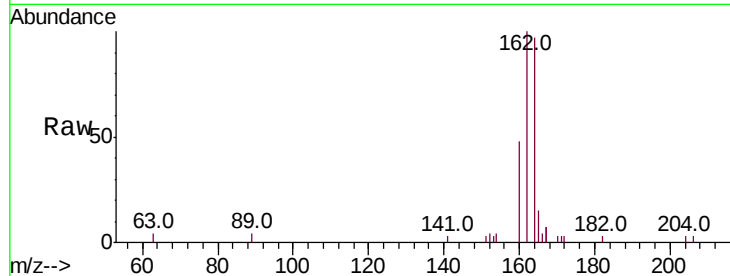
ClientSampleId :

PB112884BSD

Tot Ion:	164	Resp:	2287
Ion Ratio	Lower	Upper	
164	100		
162	103.4	83.1	124.7
160	49.8	37.1	55.7

Manual Integrations
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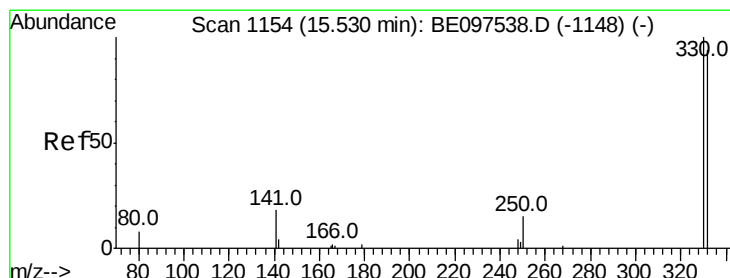
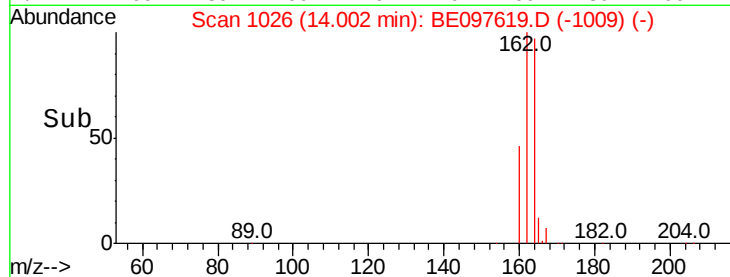
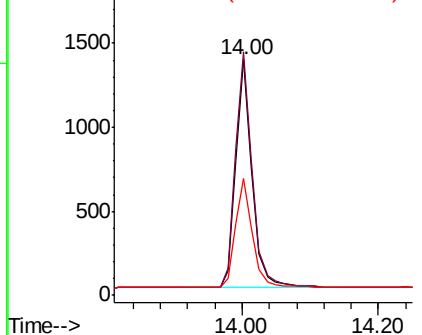


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.269 ng

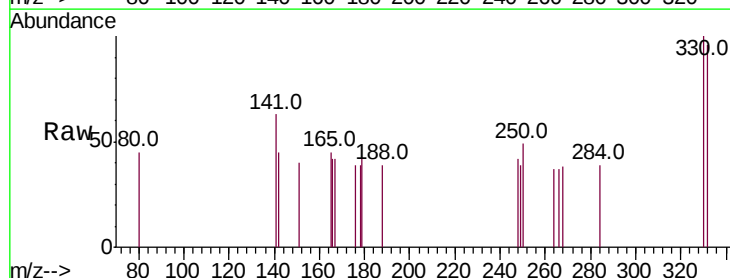
RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Tgt Ion:	330	Resp:	191
Ion Ratio	Lower	Upper	
330	100		
332	97.4	152.7	229.1#
141	38.2	33.7	50.5

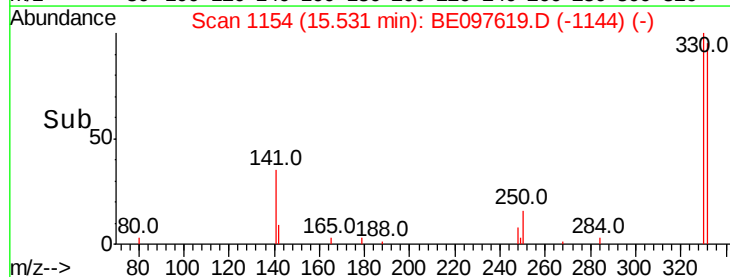
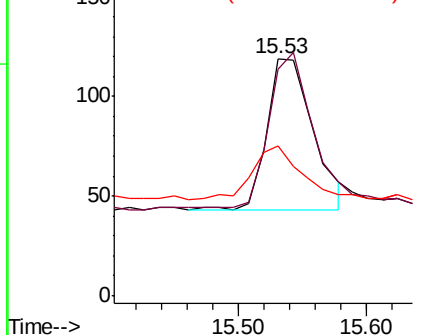


Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





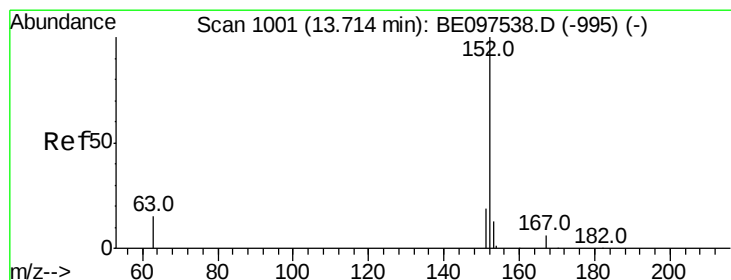
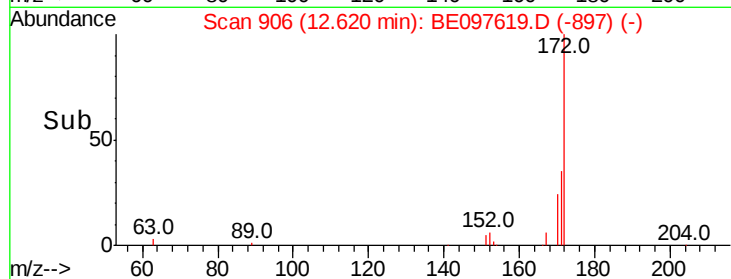
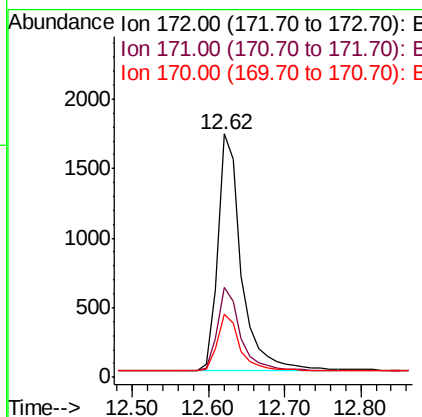
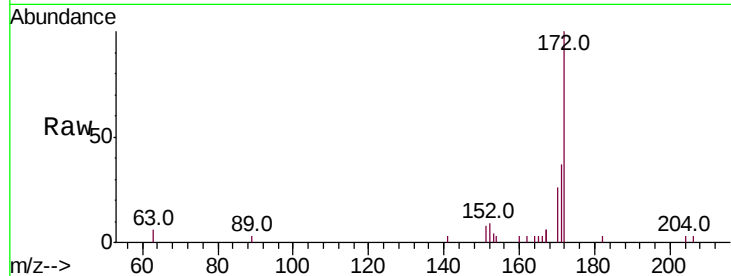
#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
PB112884BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	26.1	21.8	32.8

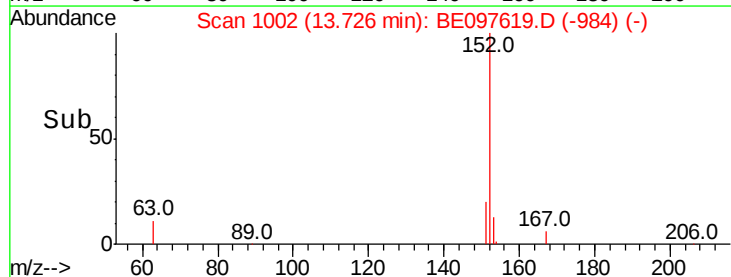
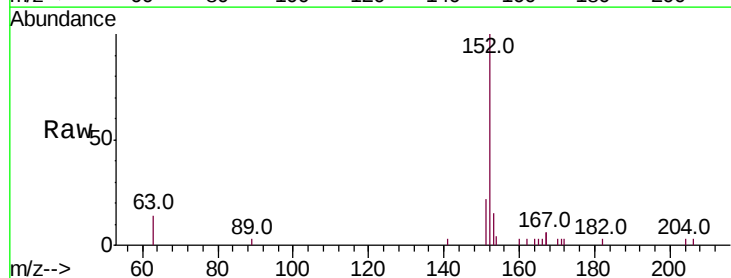
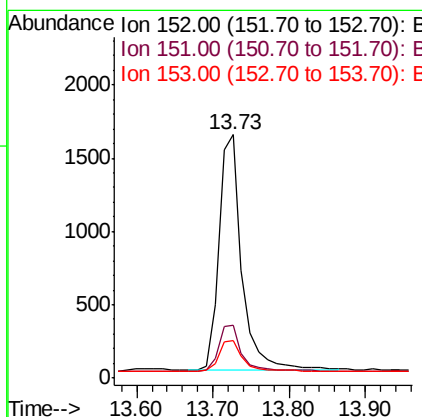
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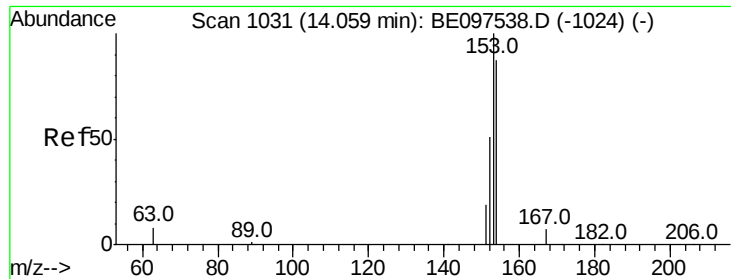
Sohil
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#16
Acenaphthylene
Concen: 0.375 ng
RT: 13.73 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.9	10.5	15.7





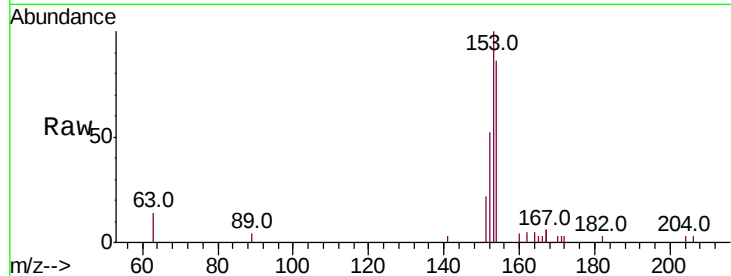
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
PB112884BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.2	133.8
152	57.3	42.0	63.0

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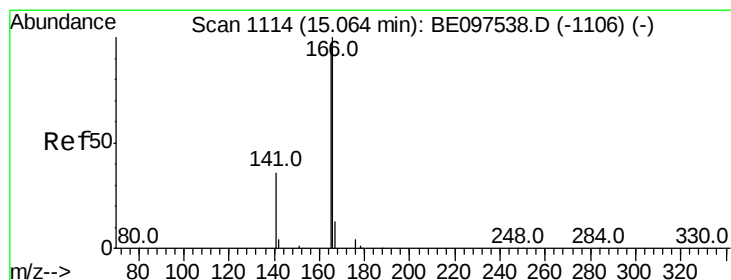
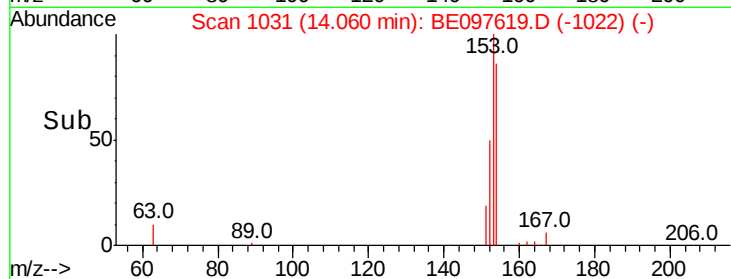
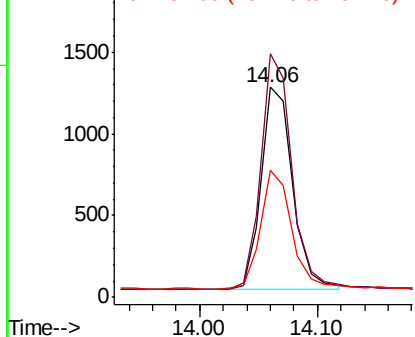


Abundance

Ion 154.00 (153.70 to 154.70): E

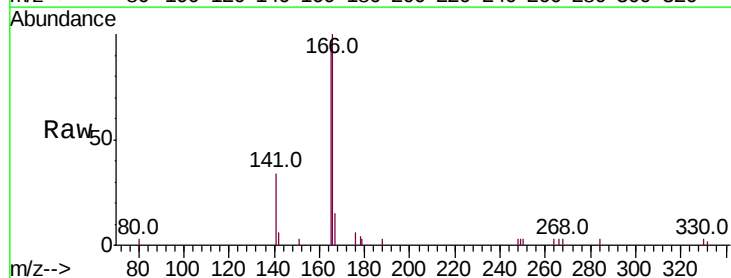
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.375 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	13.5	42.4	63.6#

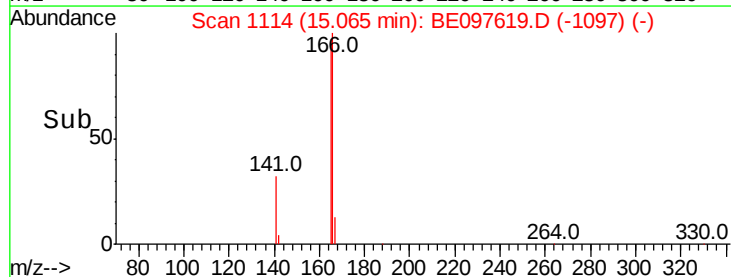
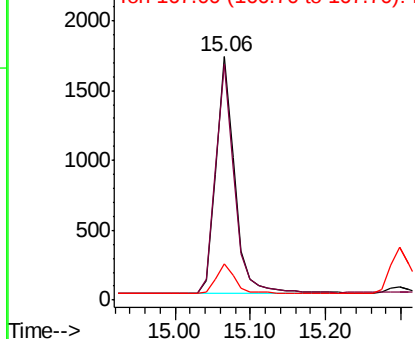


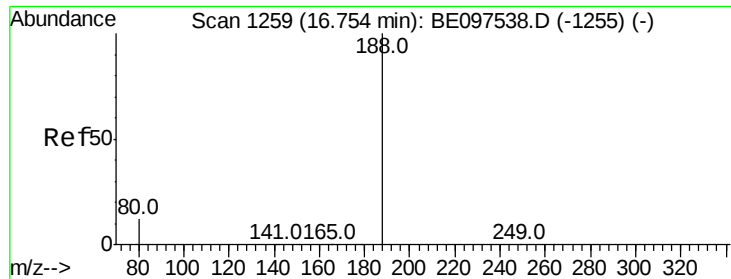
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

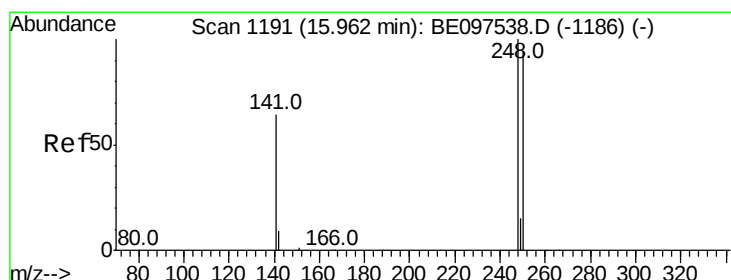
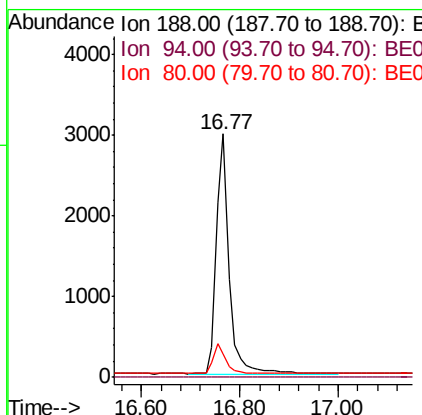
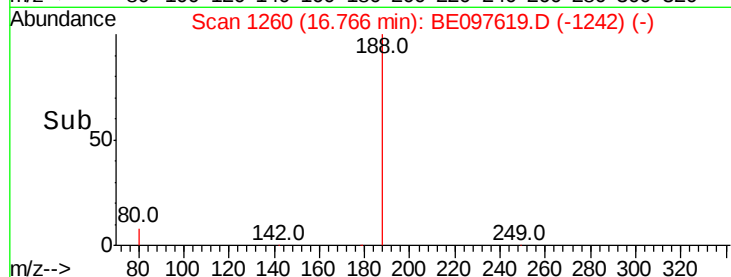
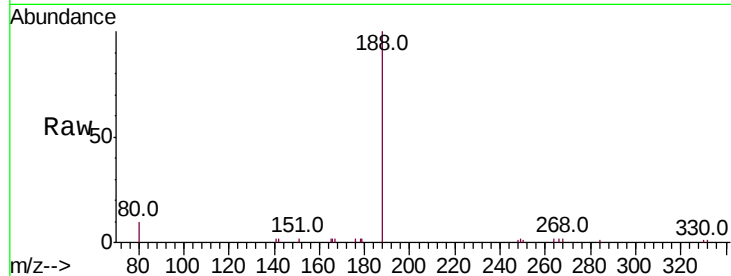
Instrument :
BNA_E

ClientSampleId :
PB112884BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.8	3.6	5.4#

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#20

4-Bromophenyl-phenylether

Concen: 0.374 ng

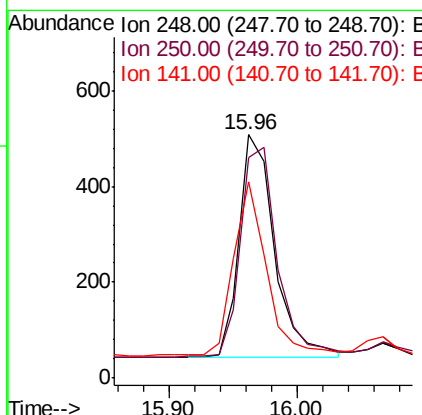
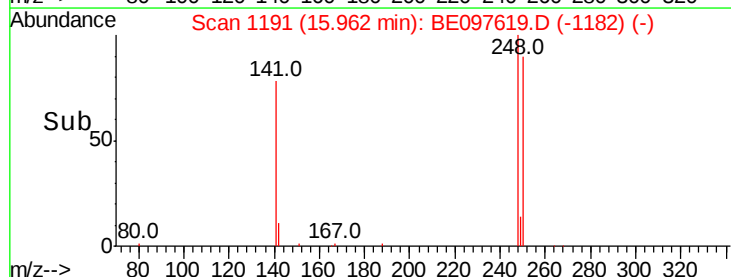
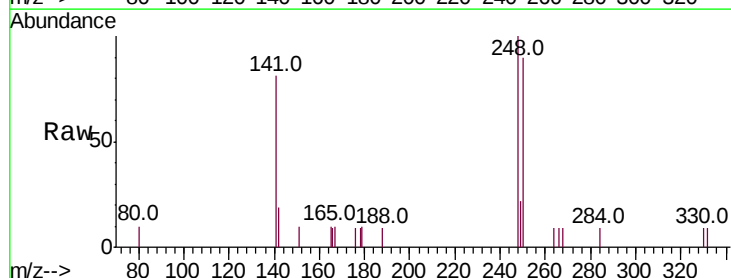
RT: 15.96 min Scan# 1191

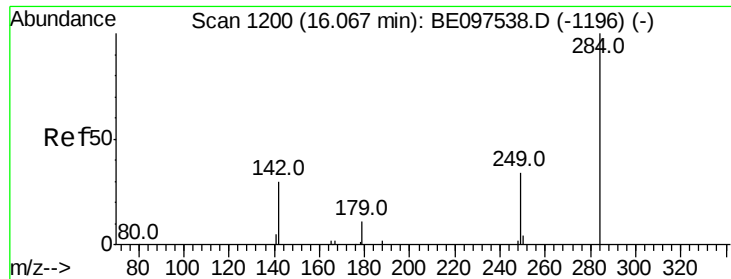
Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	90.4	62.7	94.1
141	80.5	48.2	72.2#





#21

Hexachlorobenzene

Concen: 0.410 ng

RT: 16.07 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Instrument :

BNA_E

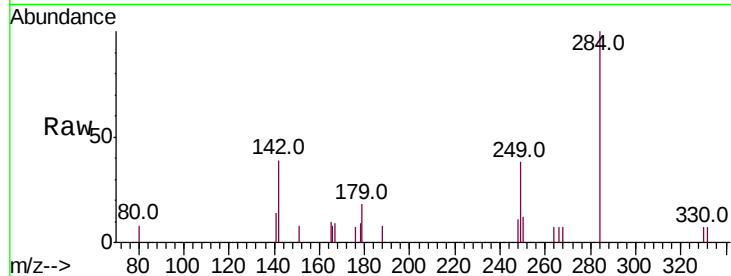
ClientSampleId :

PB112884BSD

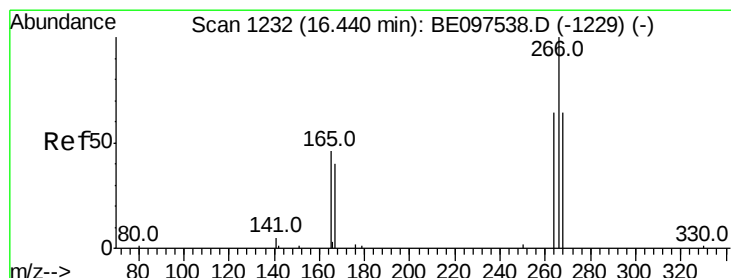
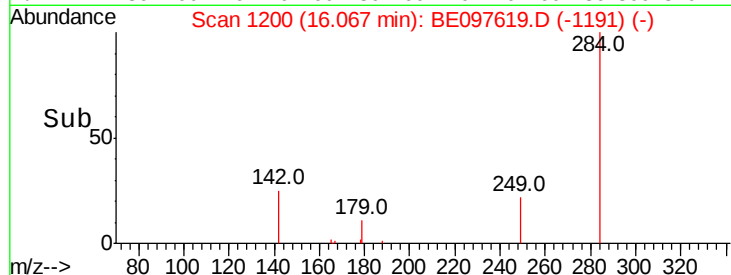
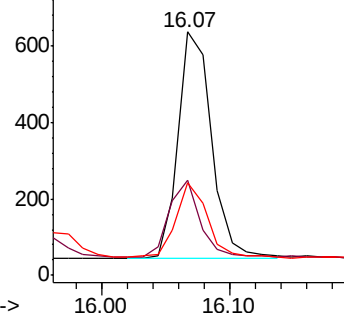
Tot Ion:	284	Resp:	1080
Ion Ratio	Lower	Upper	
284	100		
142	30.9	22.1	33.1
249	30.2	34.8	52.2#

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.367 ng

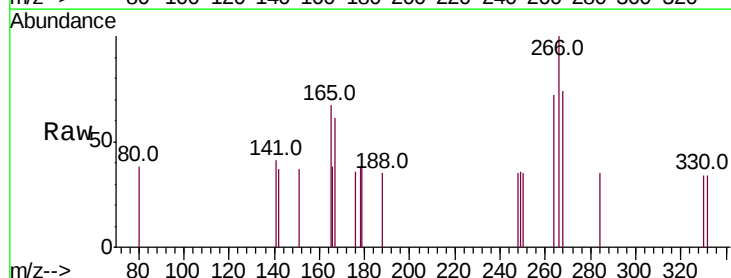
RT: 16.45 min Scan# 1233

Delta R.T. 0.01 min

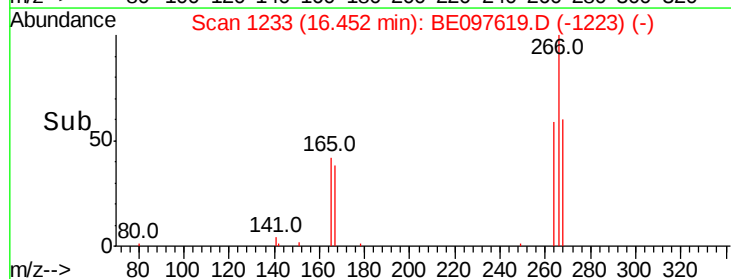
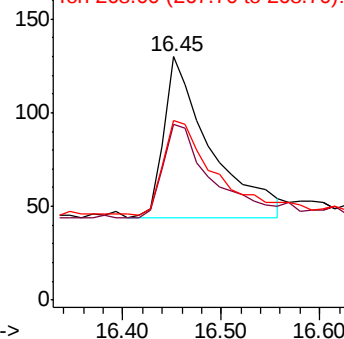
Lab File: BE097619.D

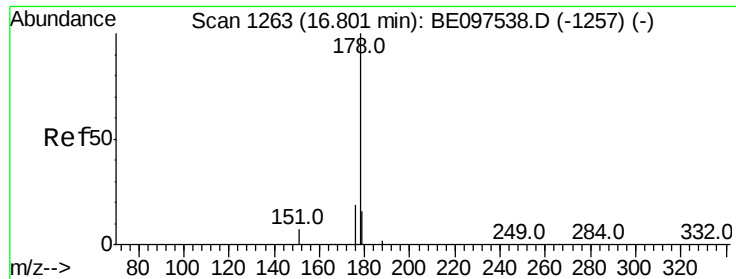
Acq: 21 Sep 2018 19:43

Tgt Ion:	266	Resp:	281
Ion Ratio	Lower	Upper	
266	100		
264	72.3	72.5	108.7#
268	73.8	73.8	110.6



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





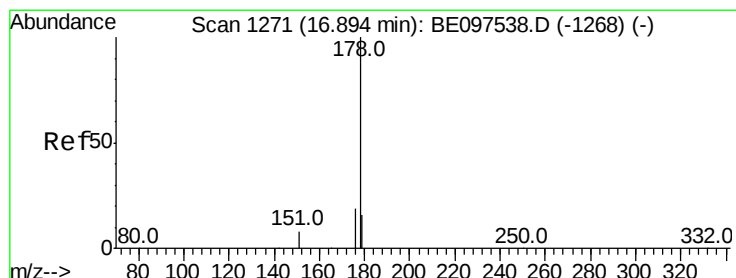
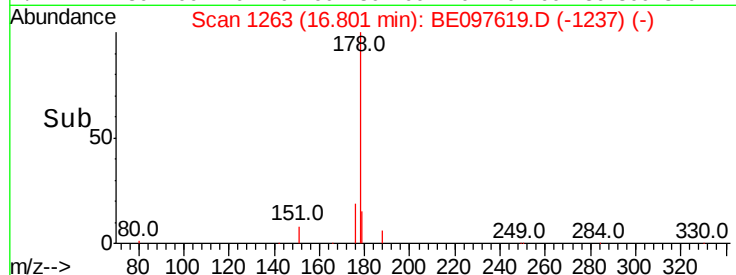
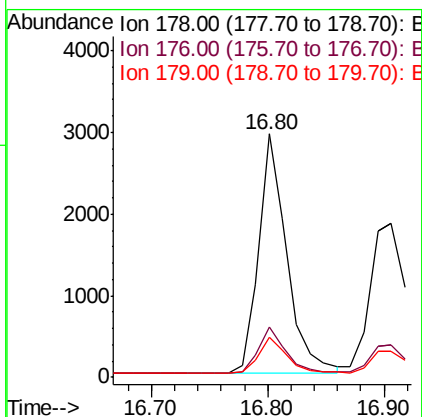
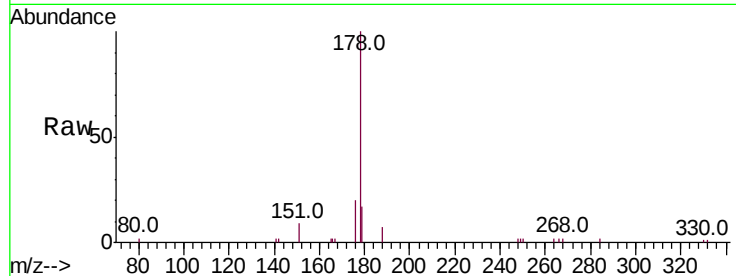
#23
Phenanthrene
Concen: 0.391 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
PB112884BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	11.8	17.6

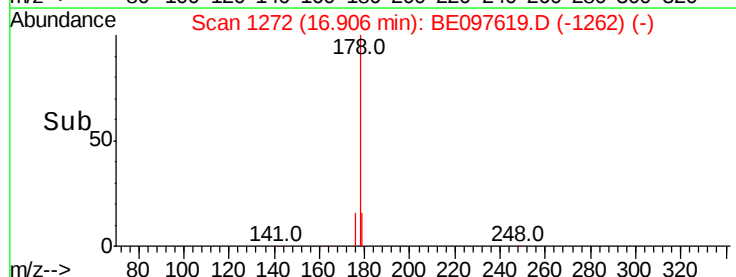
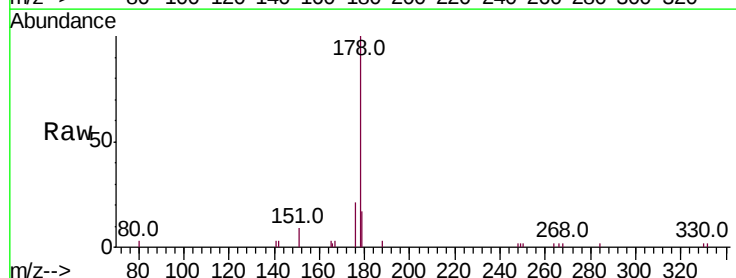
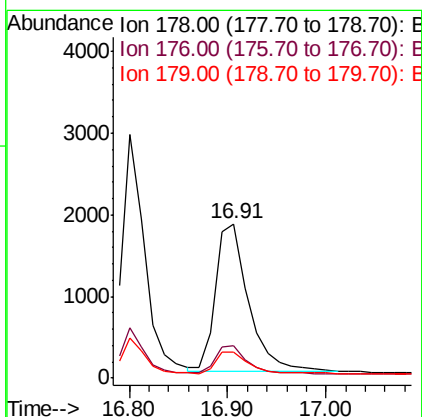
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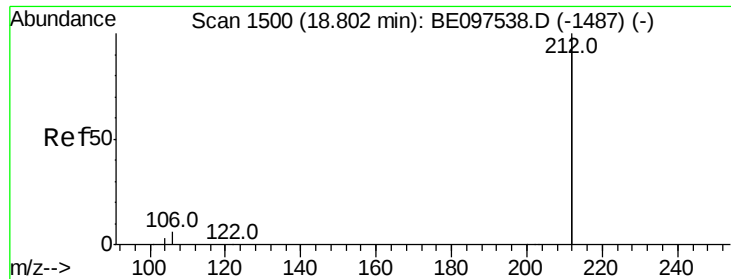
Sohil
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#24
Anthracene
Concen: 0.373 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	14.9	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.356 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Instrument :

BNA_E

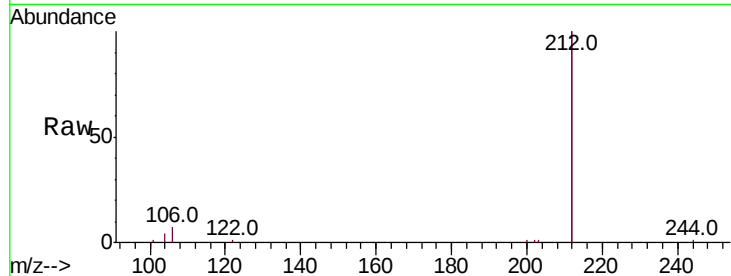
ClientSampleId :

PB112884BSD

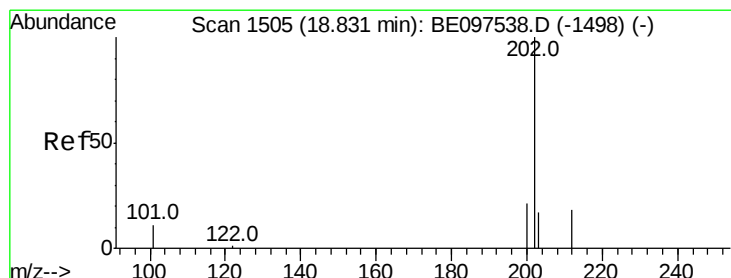
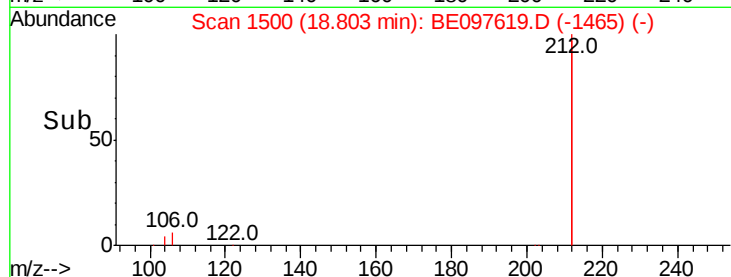
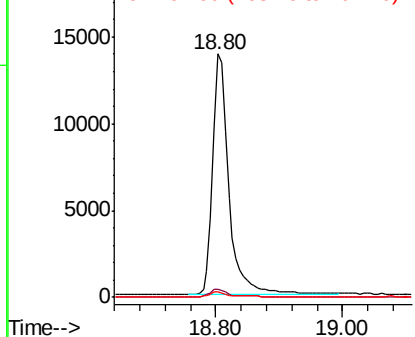
Tot Ion:	212	Resp:	24273
Ion Ratio	Lower	Upper	
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.337 ng

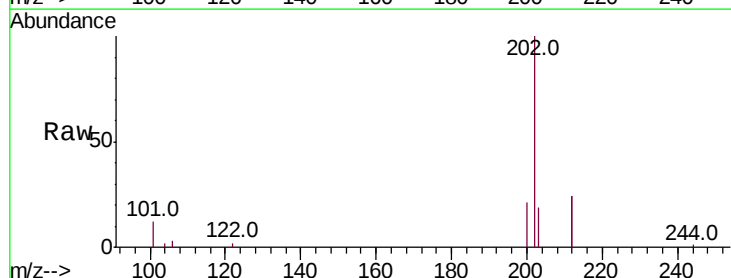
RT: 18.84 min Scan# 1506

Delta R.T. 0.01 min

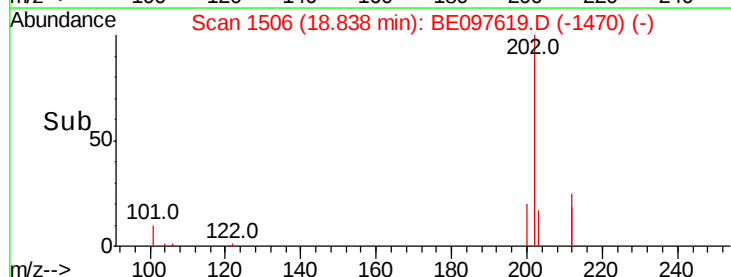
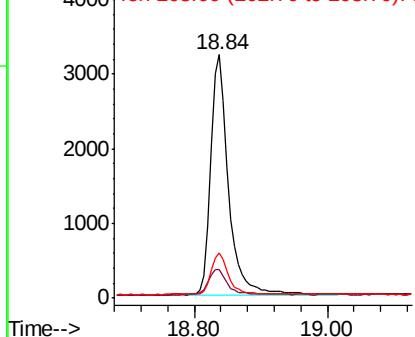
Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Tgt Ion:	202	Resp:	5912
Ion Ratio	Lower	Upper	
202	100		
101	11.2	9.8	14.8
203	16.8	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

PB112884BSD

Tot Ion:240 Resp: 7016

Ion Ratio Lower Upper

240 100

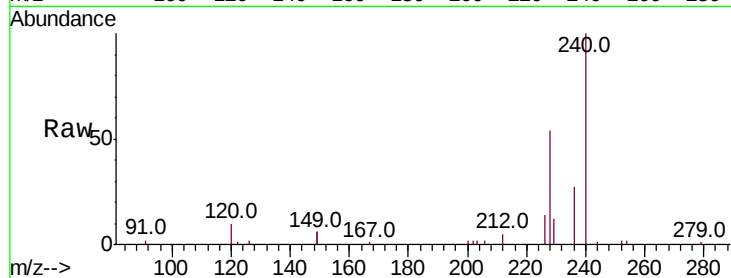
120 9.6 5.5 8.3#

236 27.4 20.7 31.1

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Sohil

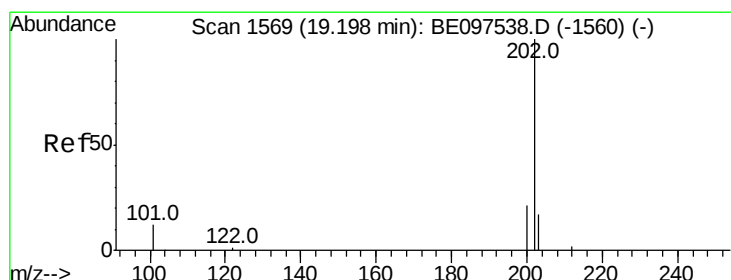
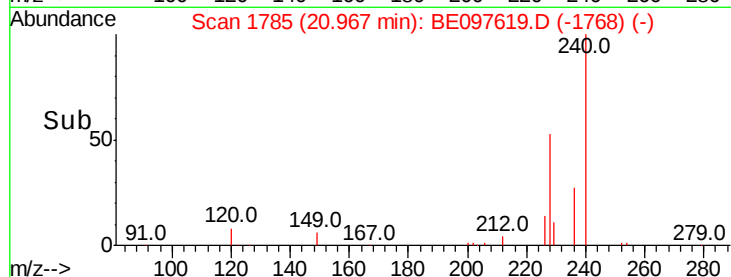
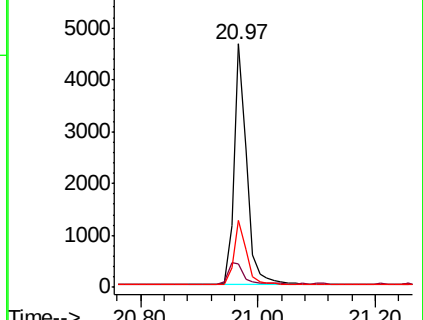
9/24/2018 8:30:03 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.374 ng

RT: 19.20 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

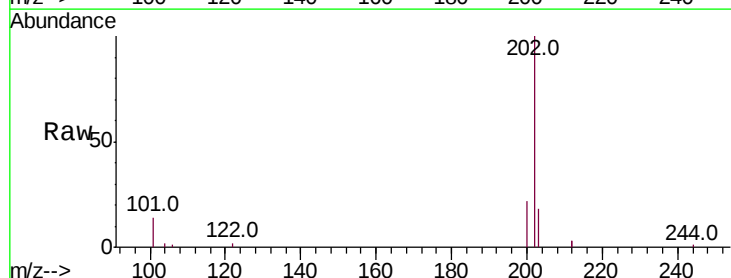
Tgt Ion:202 Resp: 5966

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

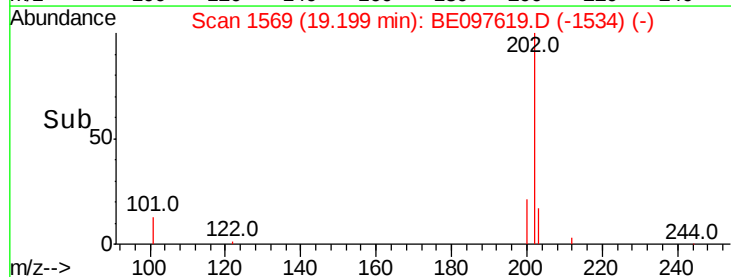
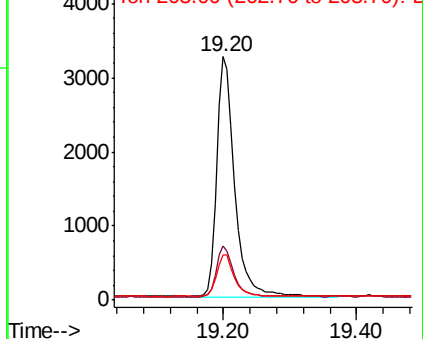
203 17.5 13.8 20.8

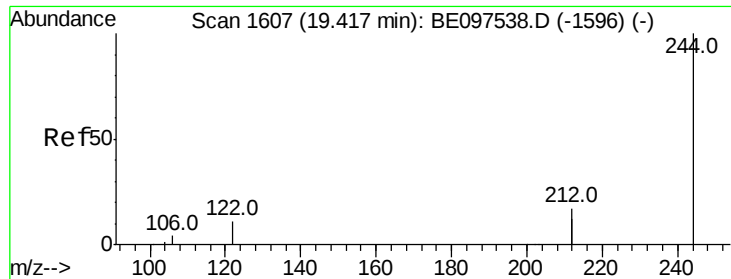


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





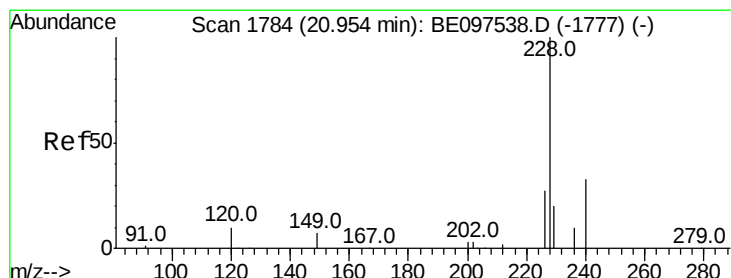
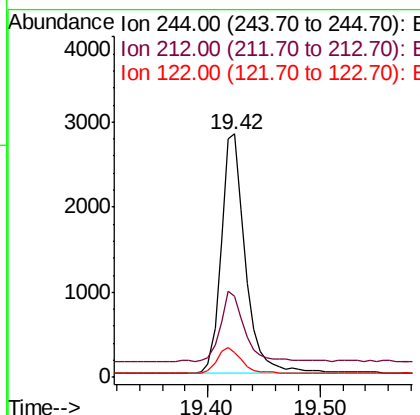
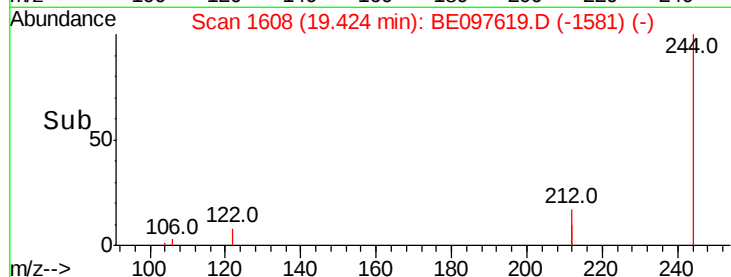
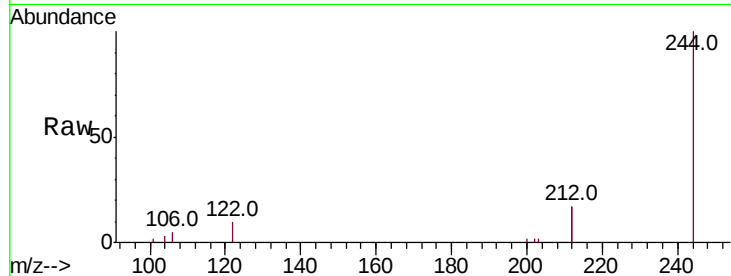
#29
 Terphenyl-d14
 Concen: 0.329 ng
 RT: 19.42 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BE097619.D
 Acq: 21 Sep 2018 19:43

Instrument :
 BNA_E
 ClientSampleId :
 PB112884BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	33.1	25.4	38.0
122	10.1	8.1	12.1

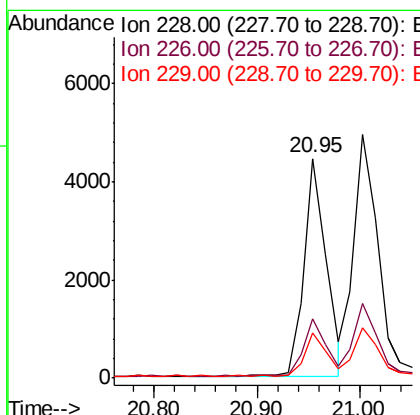
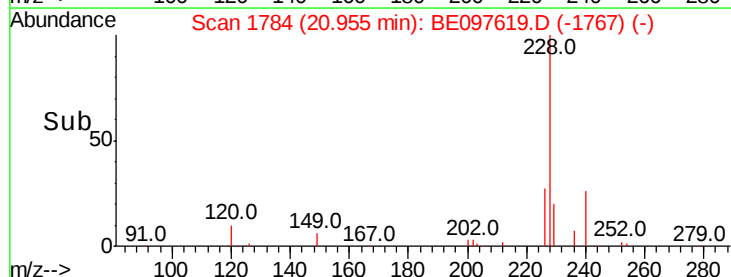
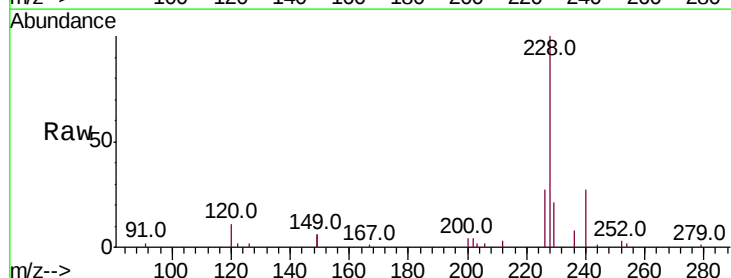
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#30
 Benzo(a)anthracene
 Concen: 0.376 ng
 RT: 20.95 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BE097619.D
 Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	20.7	16.0	24.0





#31

Chrysene

Concen: 0.418 ng

RT: 21.00 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Instrument :

BNA_E

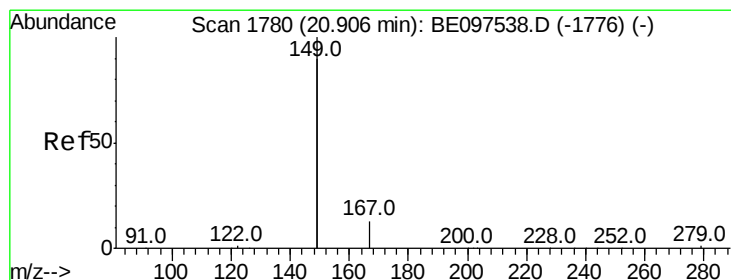
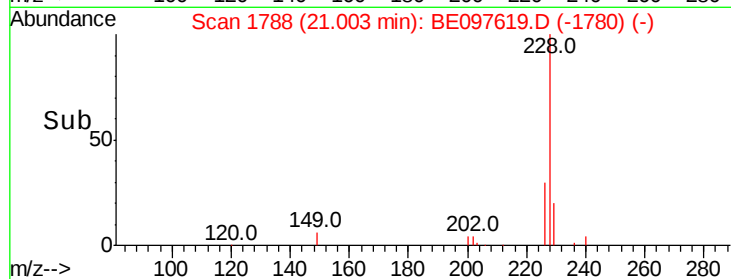
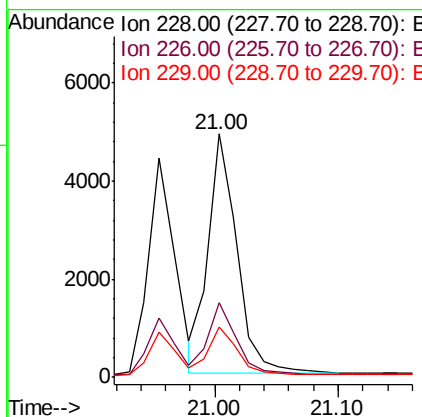
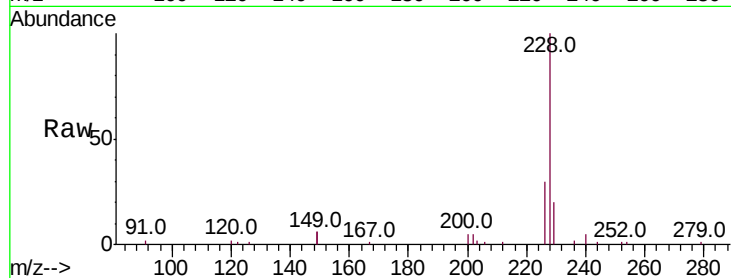
ClientSampleId :

PB112884BSD

Tot Ion:	228	Resp:	7924
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	20.5	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.241 ng

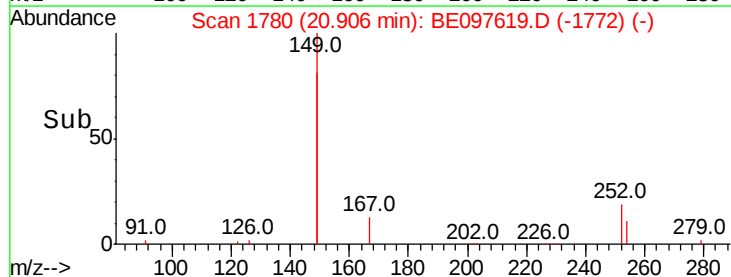
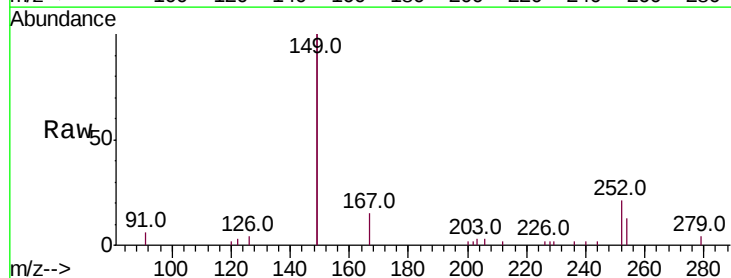
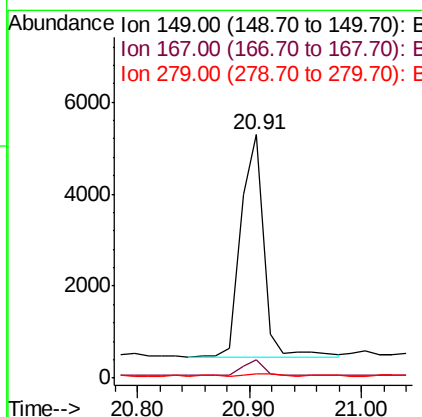
RT: 20.91 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Tgt Ion:	149	Resp:	6842
Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	0.7	1.1#





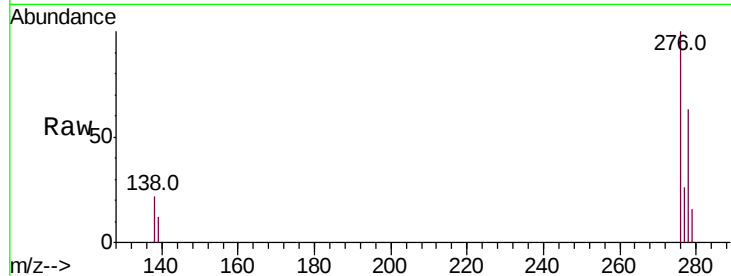
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.468 ng
 RT: 25.51 min Scan# 2844
 Delta R.T. 0.01 min
 Lab File: BE097619.D
 Acq: 21 Sep 2018 19:43

Instrument :
 BNA_E
 ClientSampleId :
 PB112884BSD

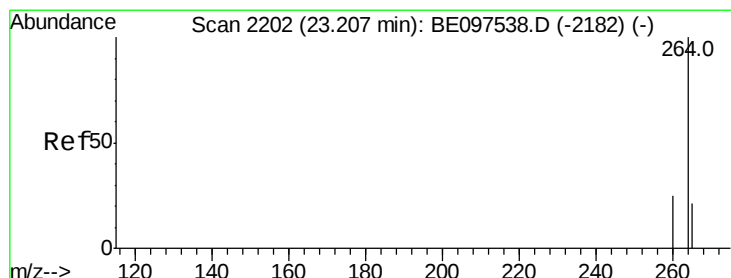
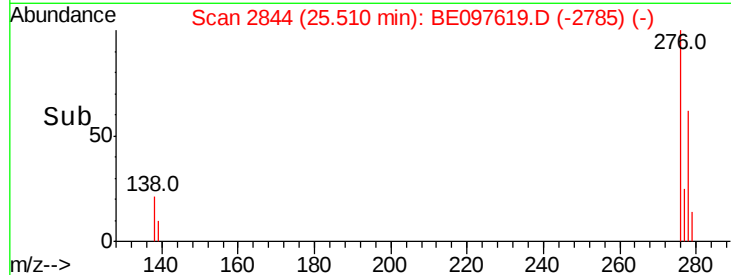
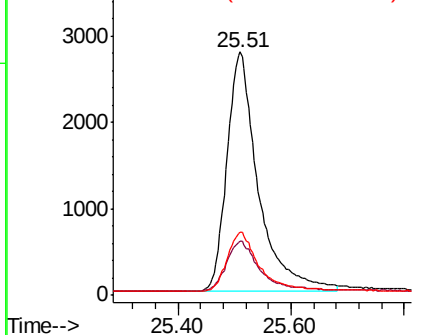
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	22.5	33.7#
277	25.2	19.9	29.9

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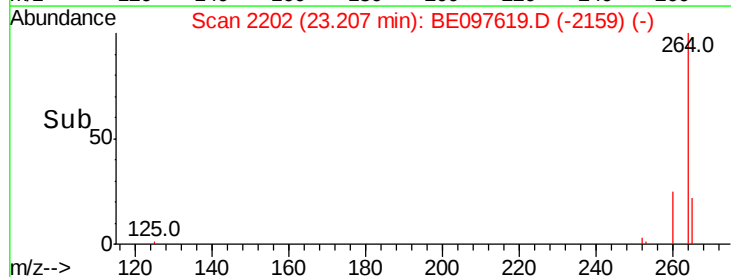
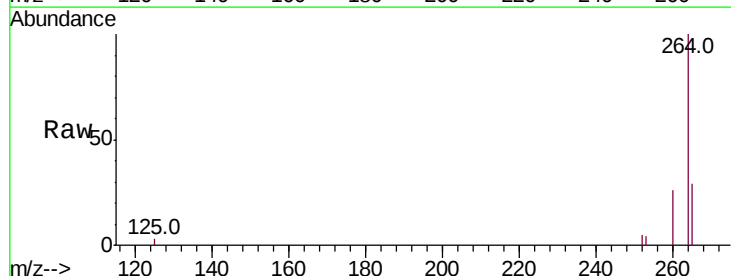
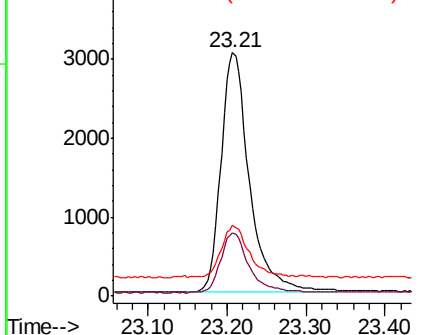
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097619.D
 Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	29.3	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





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 22.53 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Instrument :

BNA_E

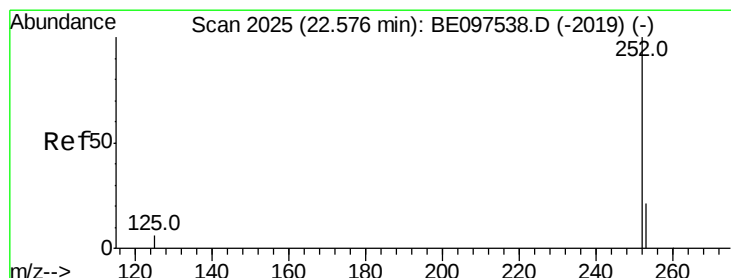
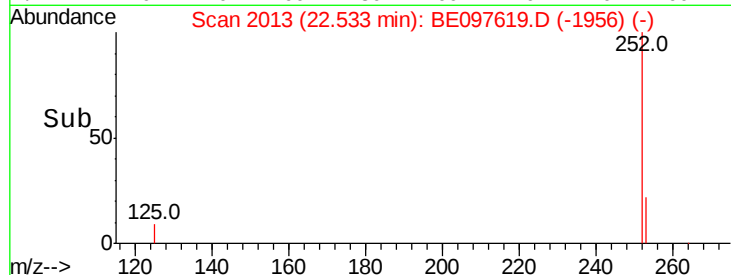
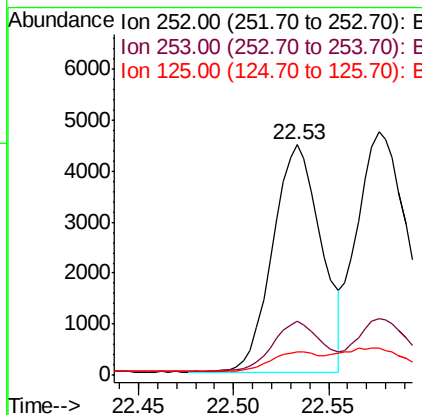
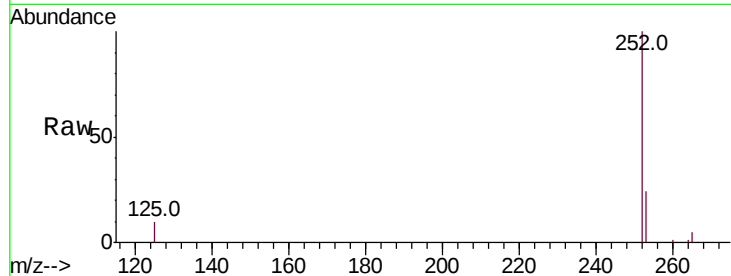
ClientSampleId :

PB112884BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.0	30.0
125	10.3	16.0	24.0

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#36

Benzo(k)fluoranthene

Concen: 0.425 ng

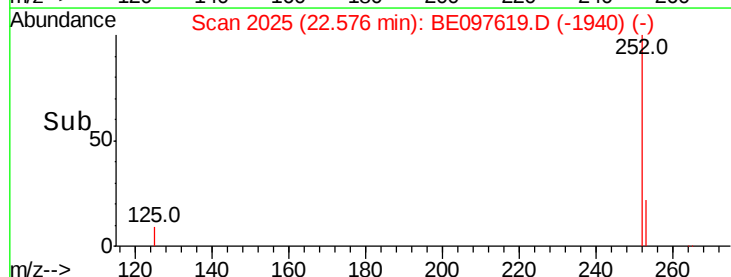
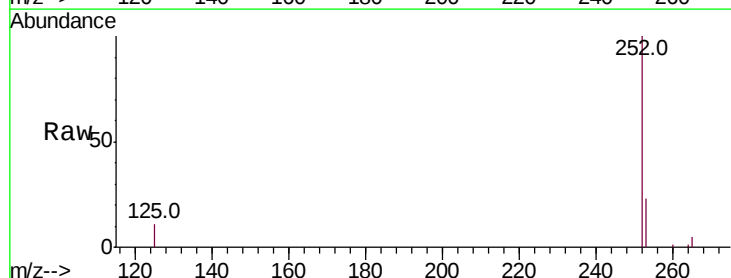
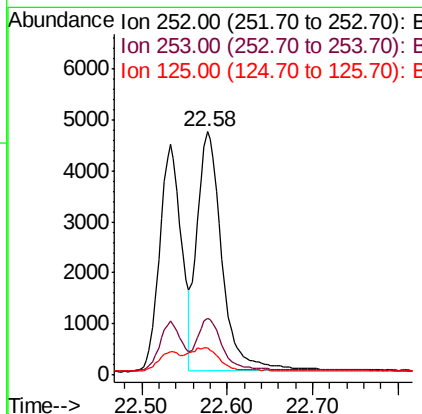
RT: 22.58 min Scan# 2025

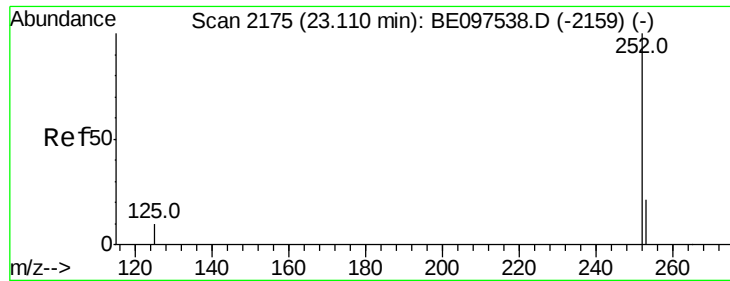
Delta R.T. 0.00 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	11.0	8.0	12.0





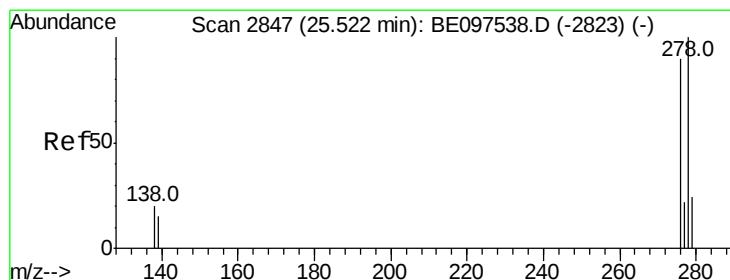
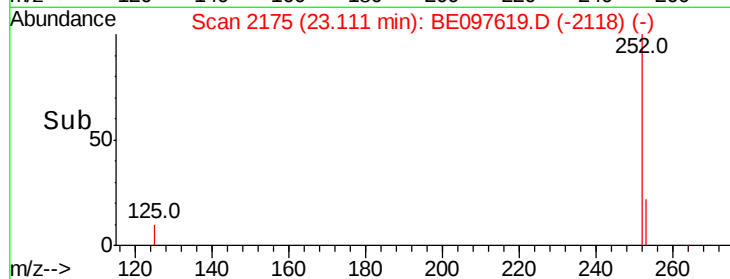
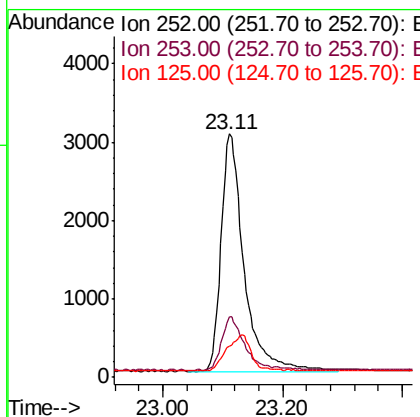
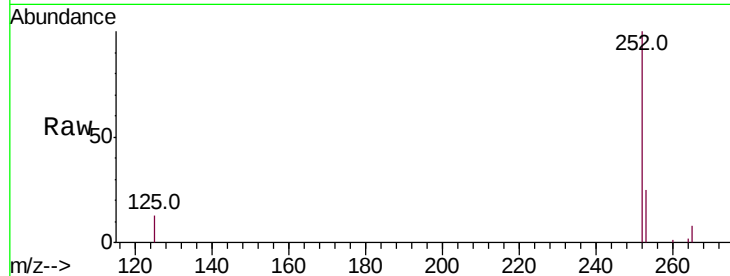
#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.11 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
PB112884BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.0	24.0#
125	12.9	12.0	18.0

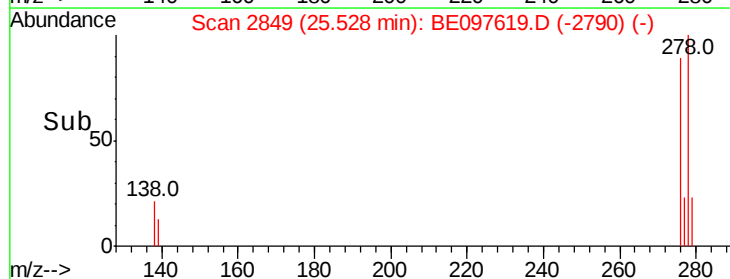
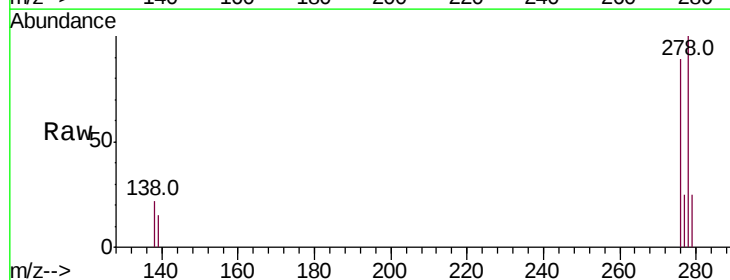
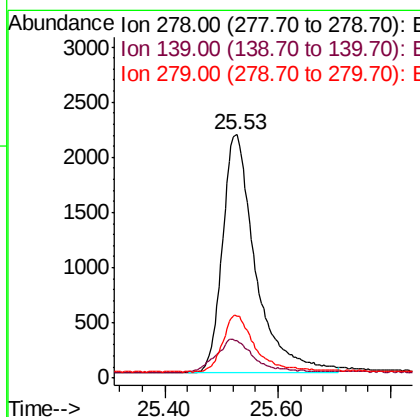
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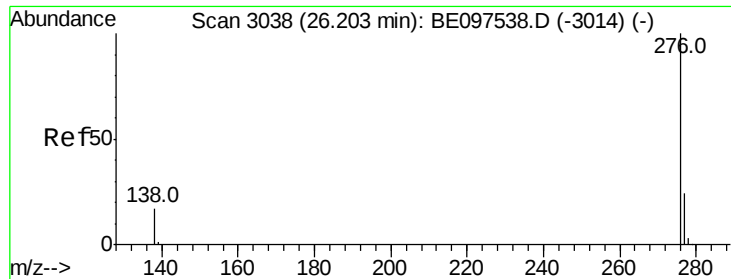
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#38
Dibenzo(a,h)anthracene
Concen: 0.430 ng
RT: 25.53 min Scan# 2849
Delta R.T. 0.01 min
Lab File: BE097619.D
Acq: 21 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	16.0	24.0#
279	25.2	20.0	30.0





#39

Benzo(a,h,i)perylene

Concen: 0.435 ng

RT: 26.21 min Scan# 3039

Delta R.T. 0.01 min

Lab File: BE097619.D

Acq: 21 Sep 2018 19:43

Instrument :

BNA_E

ClientSampleId :

PB112884BSD

Tot Ion: 276 Resp: 8638

Ion Ratio Lower Upper

276 100

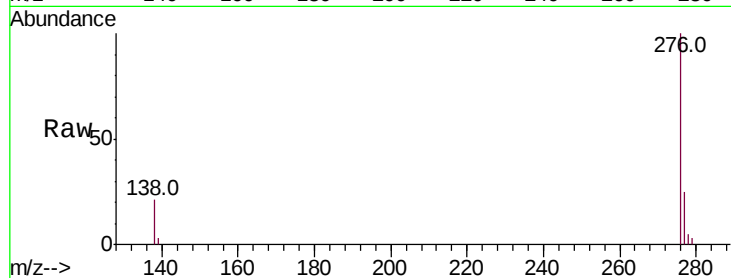
277 25.1 16.0 24.0#

138 20.5 20.0 30.0

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

