

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
 Data File : BE096271.D
 Acq On : 1 May 2018 23:32
 Operator : SJ/JU
 Sample : J2641-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20180427

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Quant Time: May 02 04:04:15 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	827	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3120	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1736	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4104	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4068	0.40	ng	0.00
34) Perylene-d12	24.35	264	3980	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.87	112	377	0.15	ng	0.01
5) Phenol-d6	7.52	99	345	0.10	ng	0.01
8) Nitrobenzene-d5	9.54	82	1645	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1560	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	306	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3568	0.48	ng	0.00
25) Fluoranthene-d10	19.63	212	17825	0.32	ng	0.00
29) Terphenyl-d14	20.19	244	4687	0.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 2-Methylnaphthalene	12.81	142	171	0.031	ng	# 75
23) Phenanthrene	17.68	178	1894	0.164	ng	# 97
26) Fluoranthene	19.67	202	4997	0.330	ng	# 95
31) Chrysene	21.79	228	2173m	0.172	ng	
32) Bis(2-ethylhexyl)phthalate	21.60	149	206193	6.124	ng	100
33) Indeno(1,2,3-cd)pyrene	27.13	276	854	0.070	ng	# 82
35) Benzo(b)fluoranthene	23.55	252	2283	0.191	ng	# 18
36) Benzo(k)fluoranthene	23.59	252	755m	0.061	ng	
39) Benzo(g,h,i)perylene	27.99	276	935	0.087	ng	# 54

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

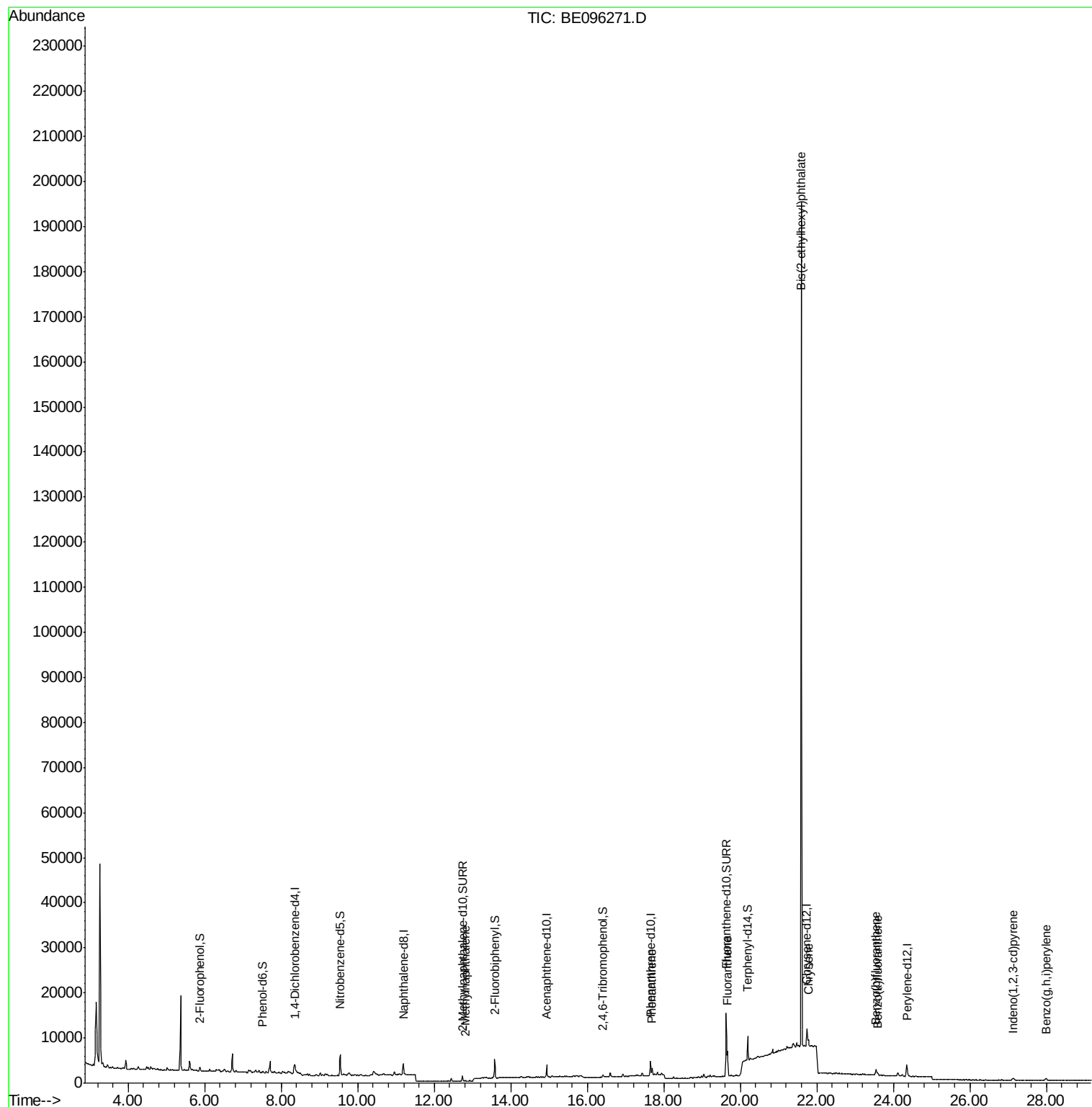
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
Data File : BE096271.D
Acq On : 1 May 2018 23:32
Operator : SJ/JU
Sample : J2641-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

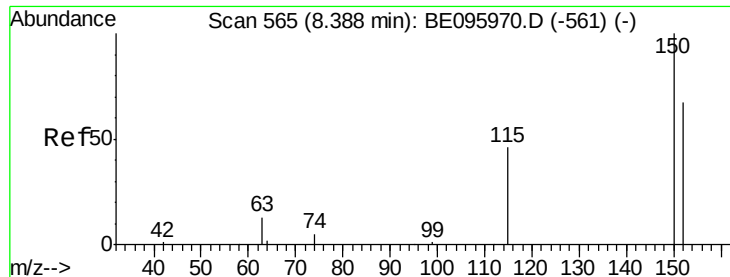
Instrument :
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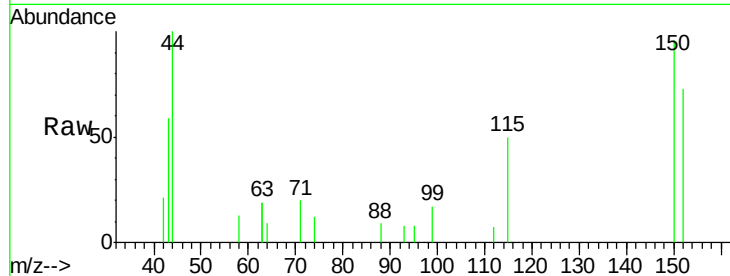
Quant Time: May 02 04:04:15 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096271.D
 Acq: 1 May 2018 23:32

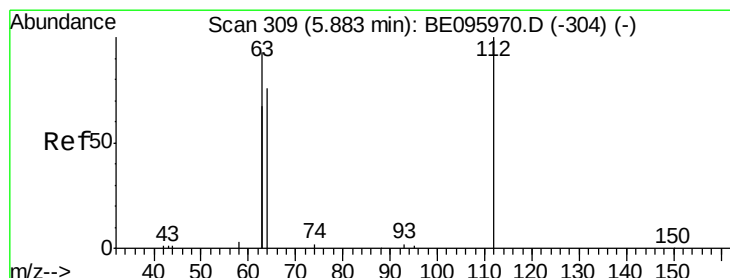
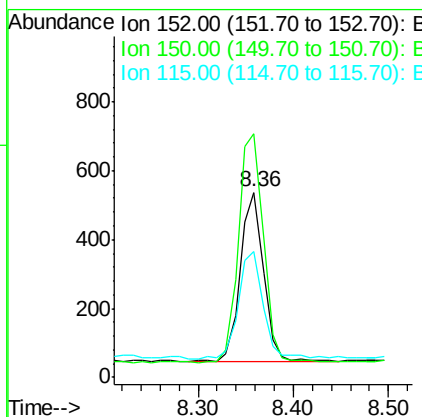
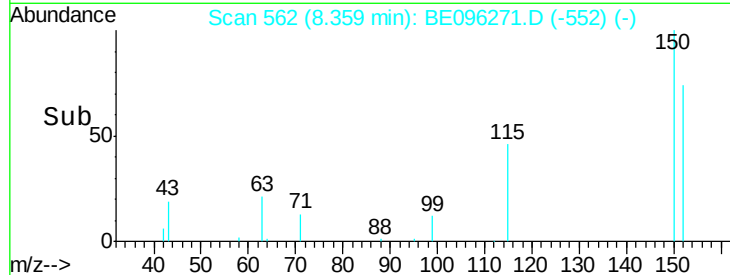
Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:	152	Resp:	827
Ion	Ratio	Lower	Upper
152	100		
150	131.4	117.2	175.8
115	67.8	57.0	85.6

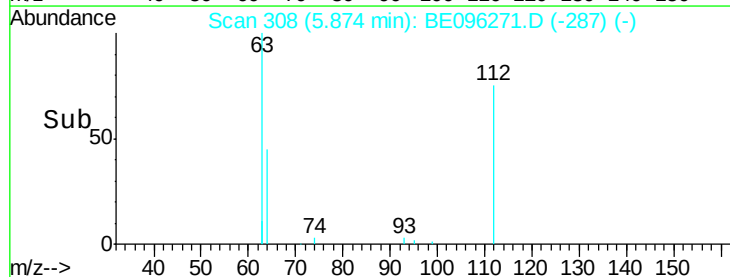
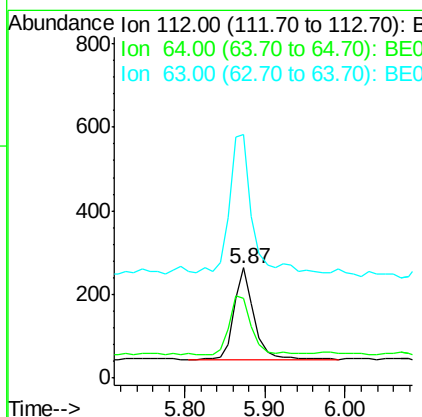
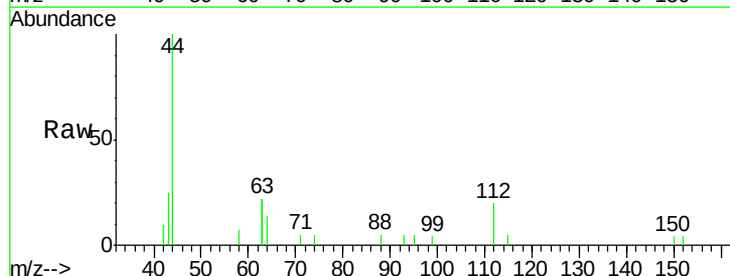
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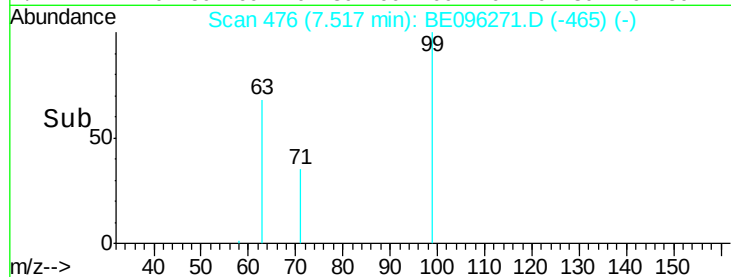
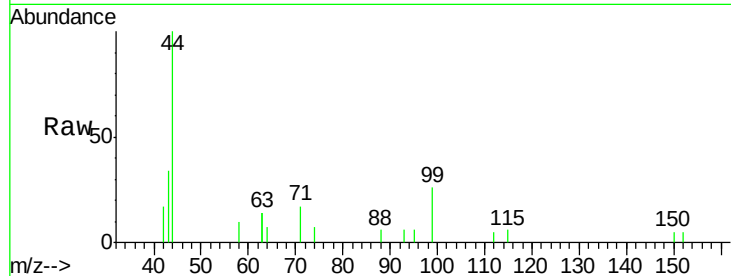
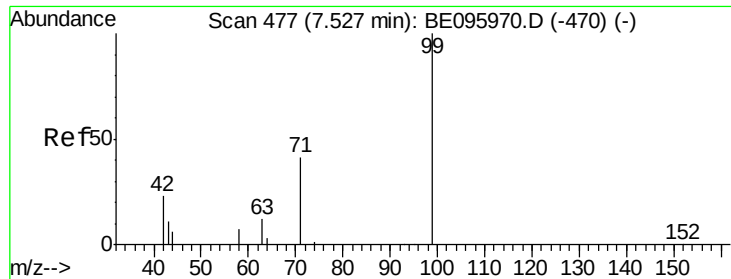
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#4
 2-Fluorophenol
 Concen: 0.147 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096271.D
 Acq: 1 May 2018 23:32

Tgt Ion:	112	Resp:	377
Ion	Ratio	Lower	Upper
112	100		
64	73.7	60.1	90.1
63	188.9	116.8	175.2#





#5

Phenol-d6

Concen: 0.098 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Tgt Ion:	99	Resp:	345
Ion Ratio	Lower	Upper	
99	100		
42	39.7	20.2	30.2#
71	51.3	28.4	42.6#

Instrument :

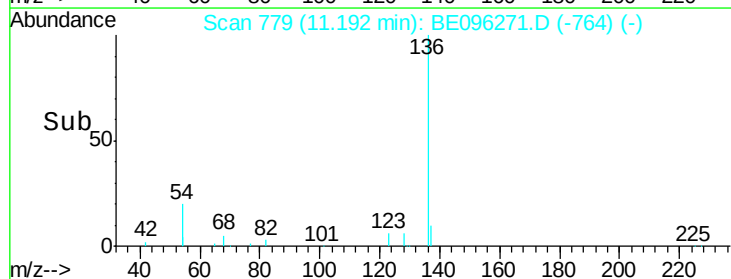
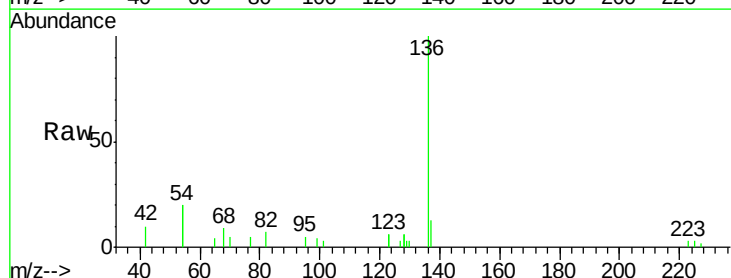
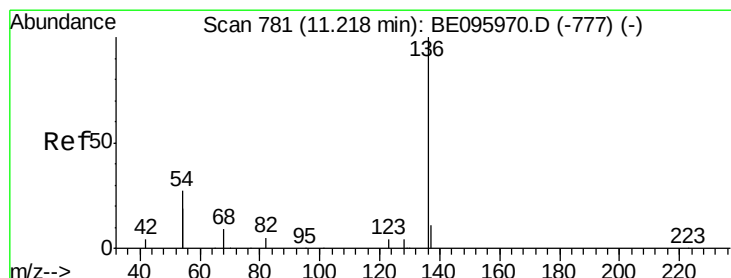
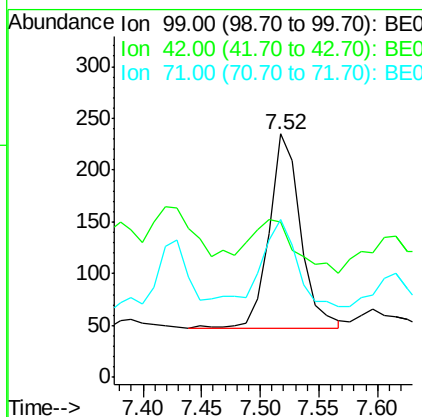
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ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng

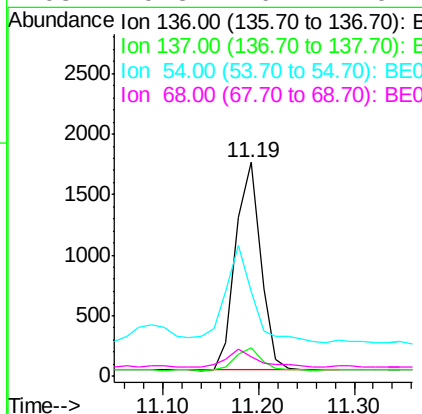
RT: 11.19 min Scan# 779

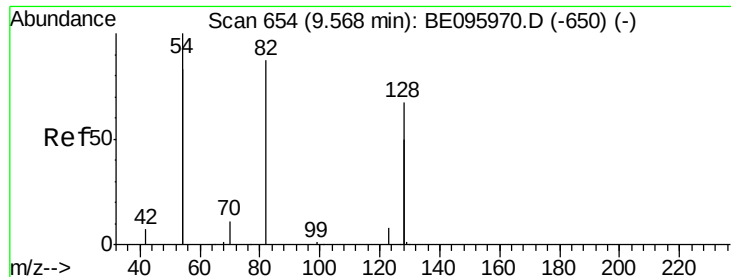
Delta R.T. 0.00 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Tgt Ion:	136	Resp:	3120
Ion Ratio	Lower	Upper	
136	100		
137	13.0	9.5	14.3
54	39.6	29.1	43.7
68	9.3	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.450 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Instrument :

BNA_E

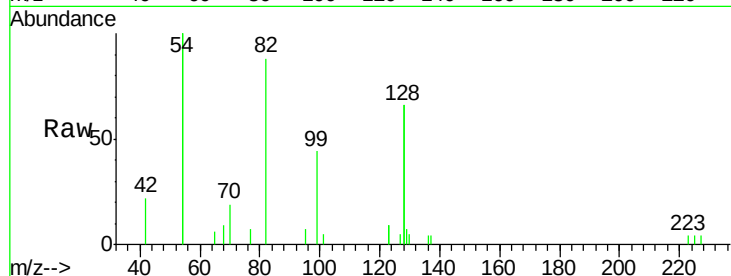
ClientSampleId :

BP-TT-SW4002-20180427

Tgt Ion:	82	Resp:	1645
Ion Ratio	Lower	Upper	
82	100		
128	150.8	150.0	225.0
54	228.0	154.2	231.4

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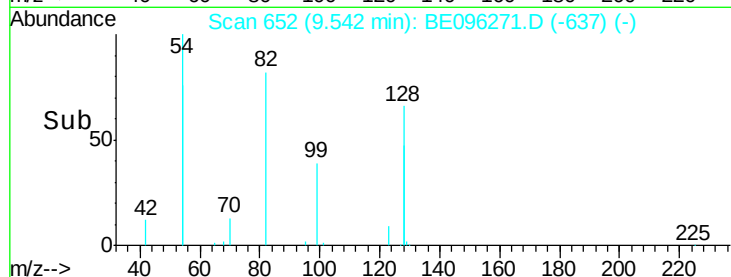


Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)

Time-->

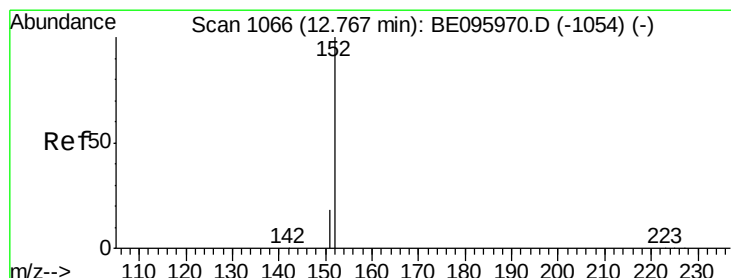


Abundance Ion 82.00 (81.70 to 82.70): BE096271.D (-637) (-)

Ion 128.00 (127.70 to 128.70): BE096271.D (-637) (-)

Ion 54.00 (53.70 to 54.70): BE096271.D (-637) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.315 ng

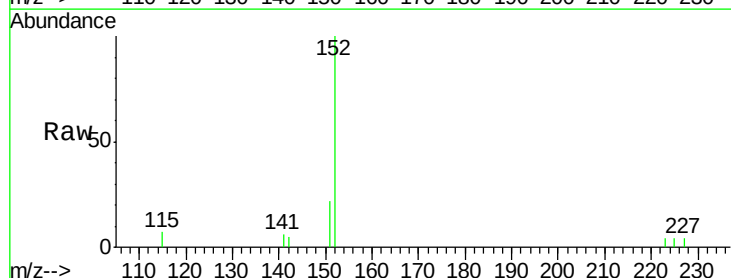
RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

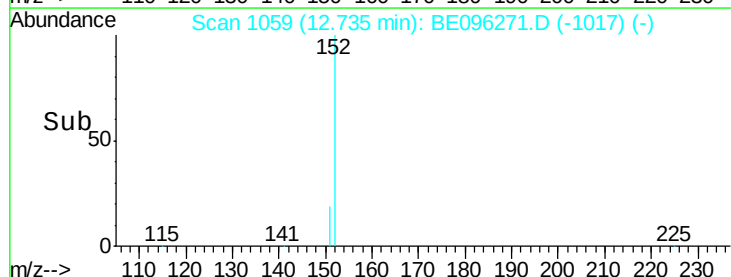
Tgt Ion:	152	Resp:	1560
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)

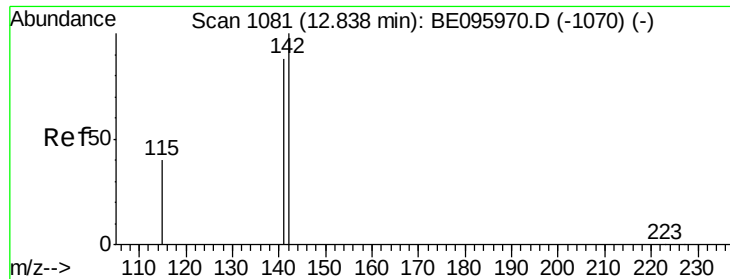
Time-->



Abundance Ion 152.00 (151.70 to 152.70): BE096271.D (-1017) (-)

Ion 151.00 (150.70 to 151.70): BE096271.D (-1017) (-)

Time-->



#12

2-Methylnaphthalene

Concen: 0.031 ng

RT: 12.81 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Instrument :

BNA_E

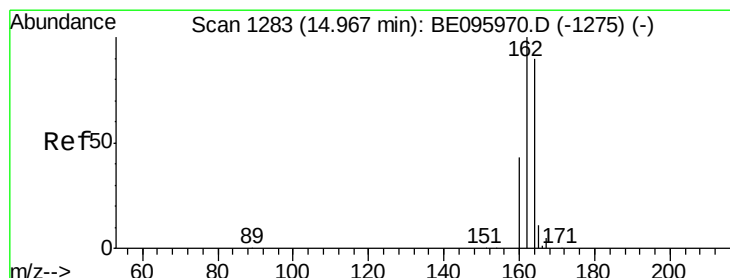
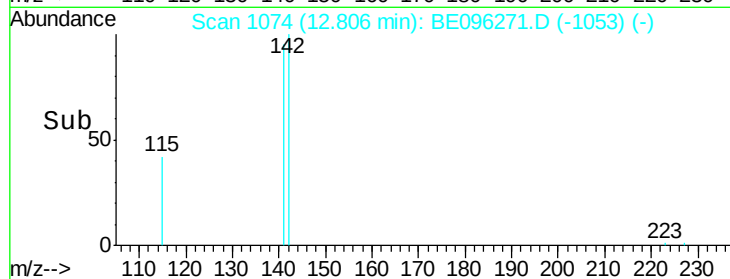
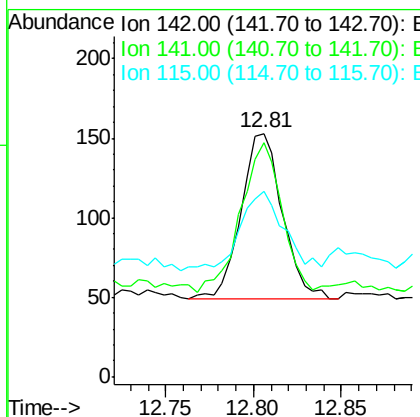
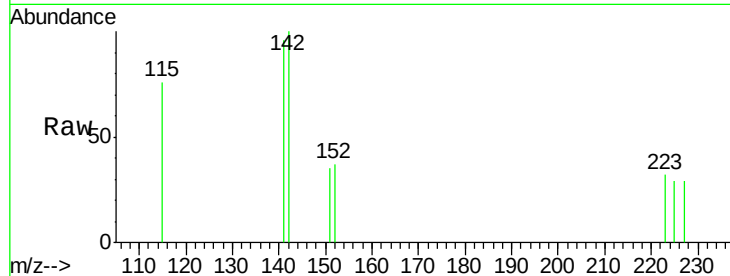
ClientSampleId :

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Tgt Ion:	142	Resp:	171
Ion Ratio	Lower	Upper	
142	100		
141	96.1	70.4	105.6
115	76.5	31.7	47.5

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#13

Acenaphthene-d10

Concen: 0.400 ng

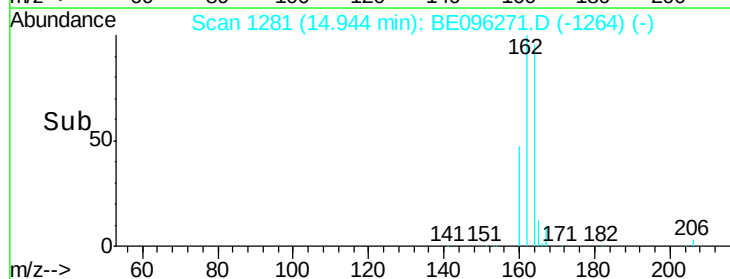
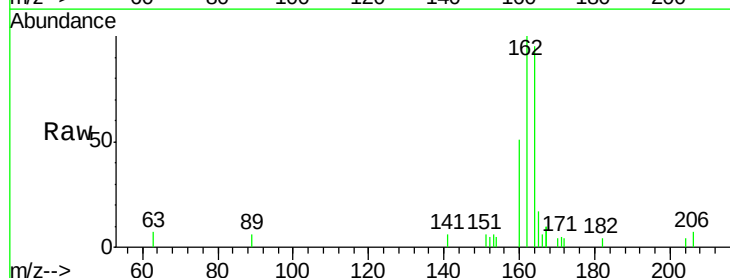
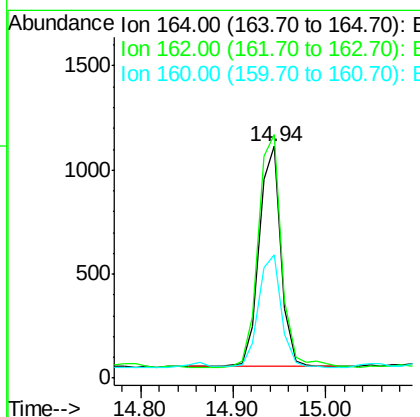
RT: 14.94 min Scan# 1281

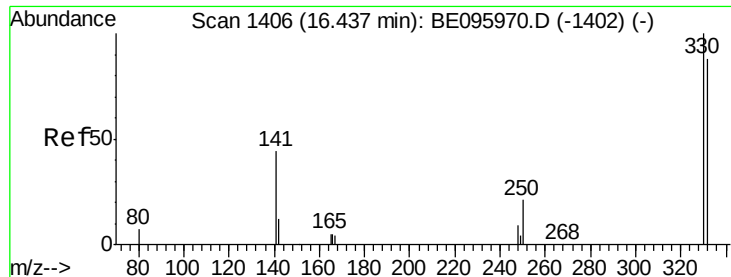
Delta R.T. 0.00 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Tgt Ion:	164	Resp:	1736
Ion Ratio	Lower	Upper	
164	100		
162	105.1	83.1	124.7
160	53.2	37.1	55.7





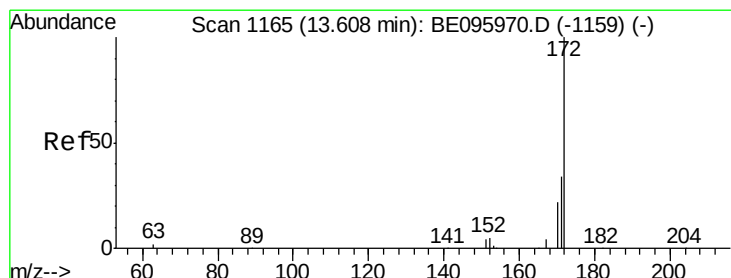
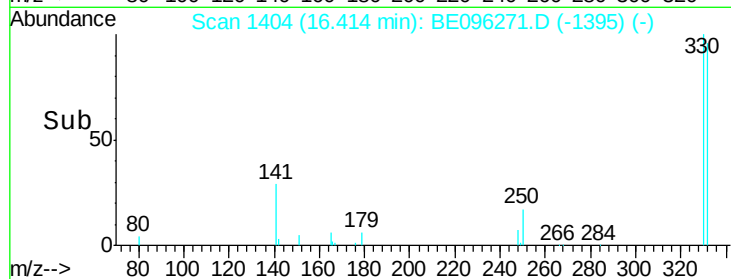
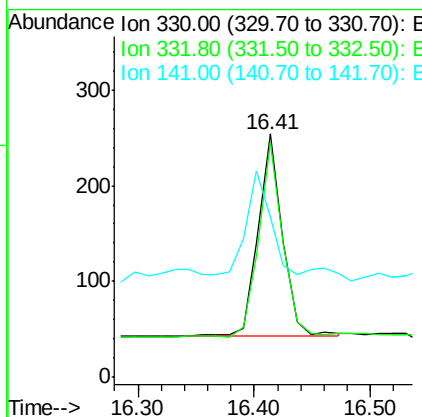
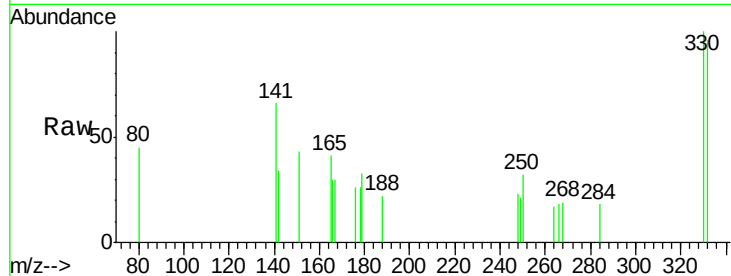
#14
 2,4,6-Tribromophenol
 Concen: 0.365 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096271.D
 Acq: 1 May 2018 23:32

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 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20180427

Tgt Ion: 330 Resp: 306
 Ion Ratio Lower Upper
 330 100
 332 95.8 152.7 229.1#
 141 50.3 33.7 50.5

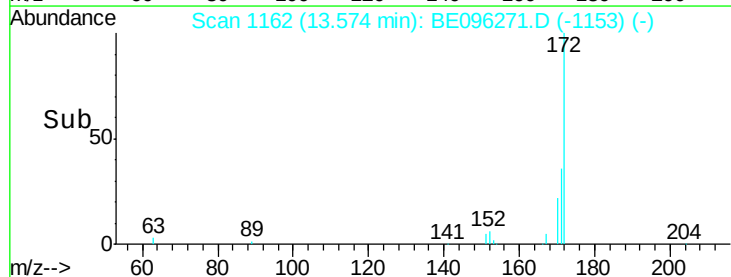
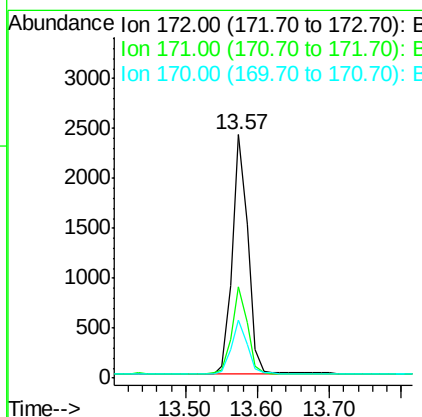
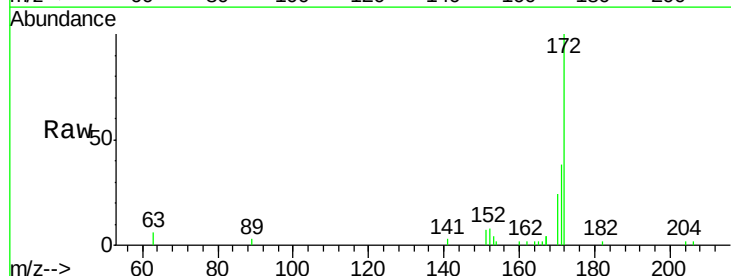
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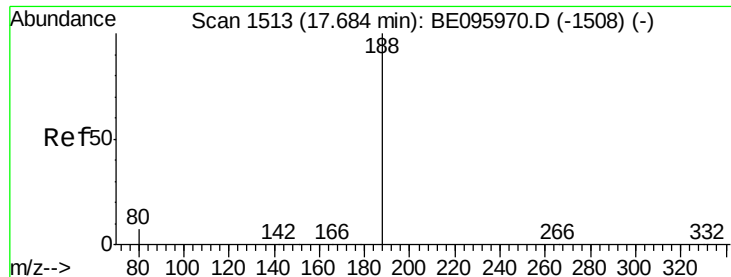
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#15
 2-Fluorobiphenyl
 Concen: 0.480 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE096271.D
 Acq: 1 May 2018 23:32

Tgt Ion: 172 Resp: 3568
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.9 44.9
 170 23.6 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Instrument :

BNA_E

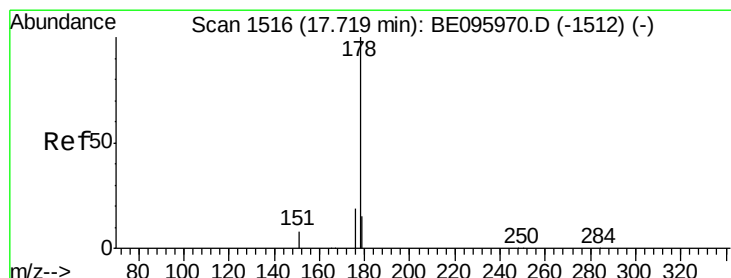
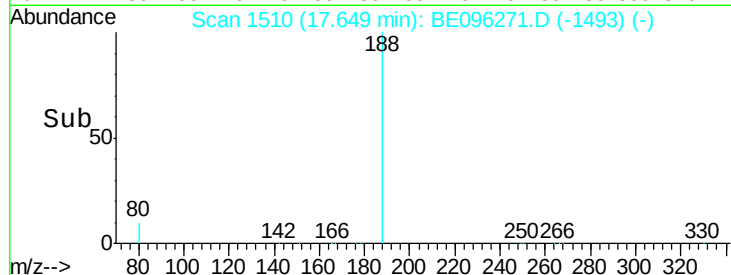
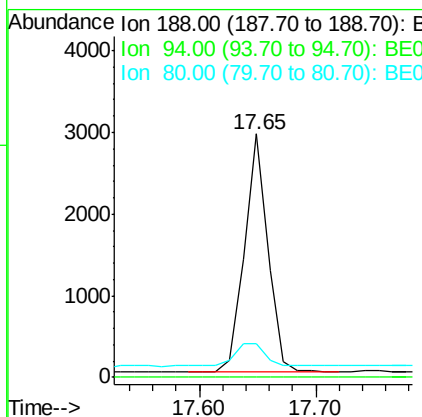
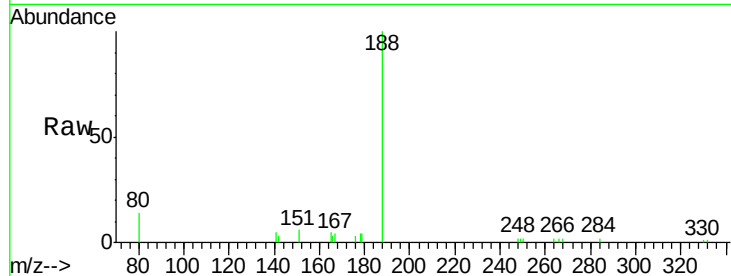
ClientSampleId :

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Tgt Ion:	188	Resp:	4104
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	14.1	3.6	5.4#

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#23

Phenanthrene

Concen: 0.164 ng

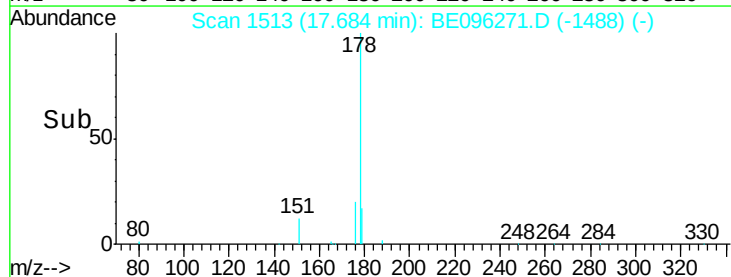
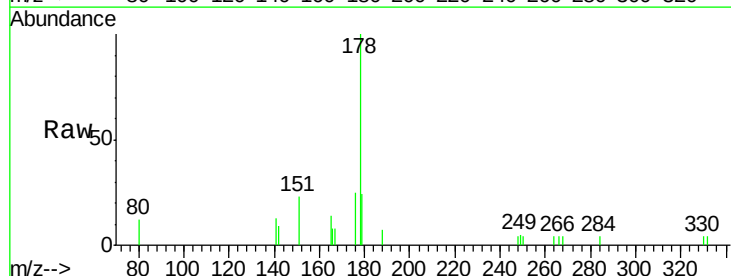
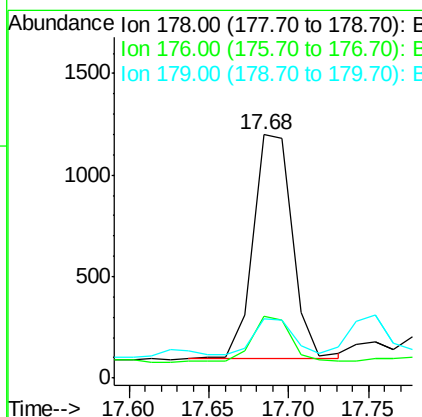
RT: 17.68 min Scan# 1513

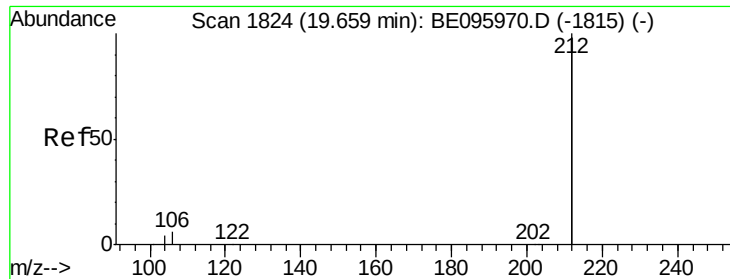
Delta R.T. -0.01 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Tgt Ion:	178	Resp:	1894
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.1	22.7
179	16.4	11.8	17.6





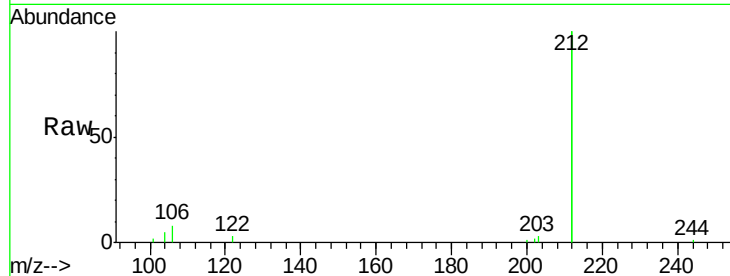
#25
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.63 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20180427

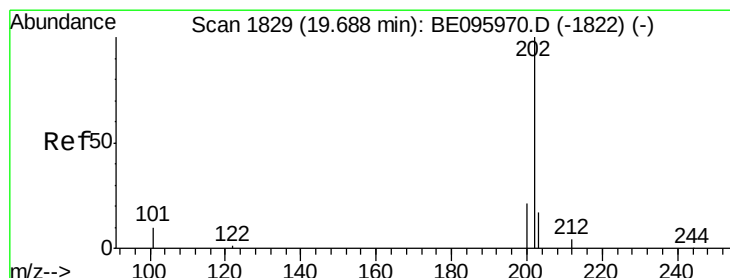
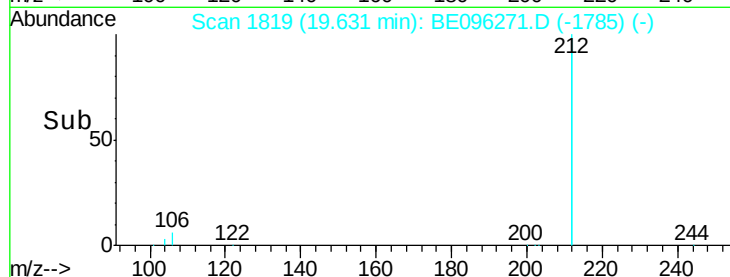
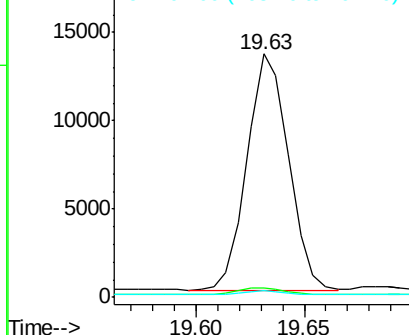
Tgt Ion	Ratio	Resp Lower	Resp Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

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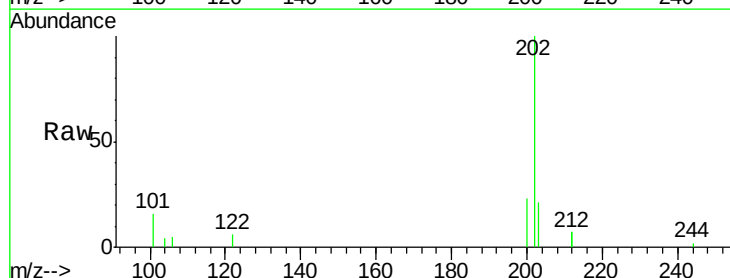


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

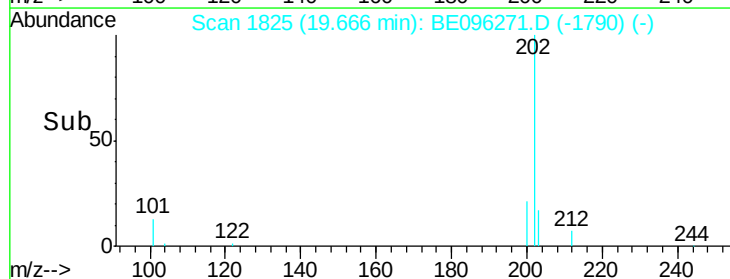
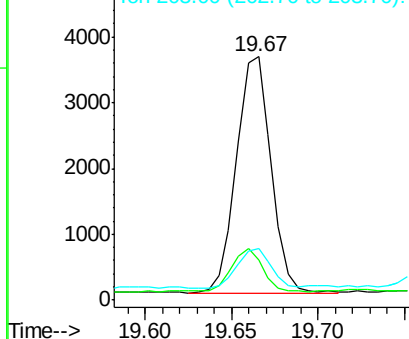


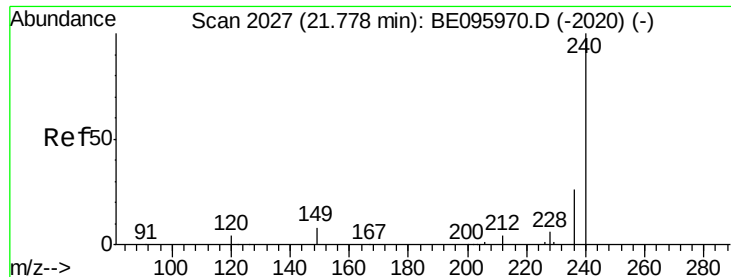
#26
Fluoranthene
Concen: 0.330 ng
RT: 19.67 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.1	9.8	14.8#
203	17.6	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: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Instrument :

BNA_E

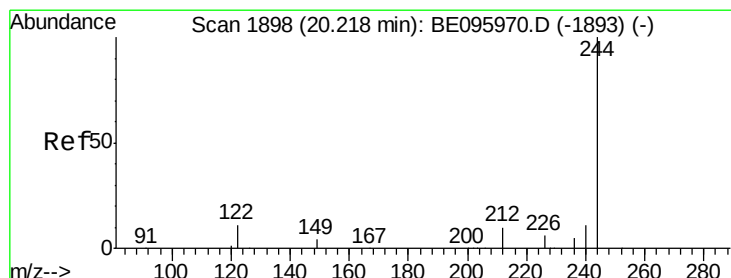
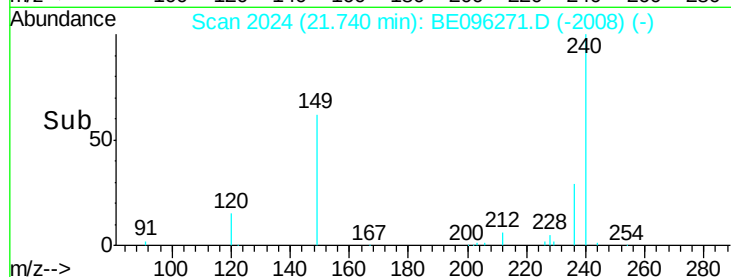
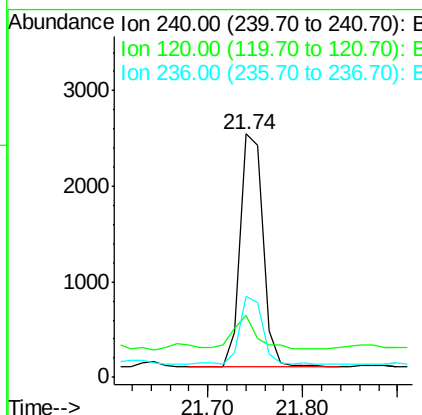
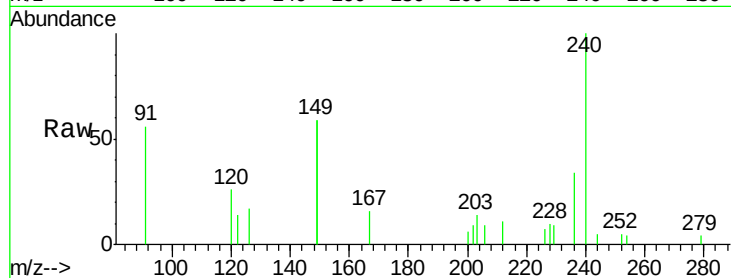
ClientSampleId :

BP-TT-SW4002-20180427

Tgt Ion:240 Resp: 4068
 Ion Ratio Lower Upper
 240 100
 120 25.6 5.5 8.3#
 236 33.5 20.7 31.1#

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#29

Terphenyl-d14

Concen: 0.521 ng

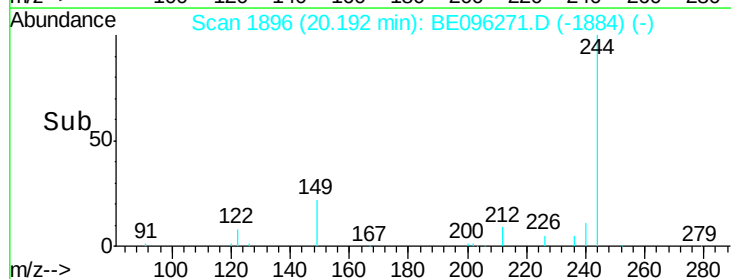
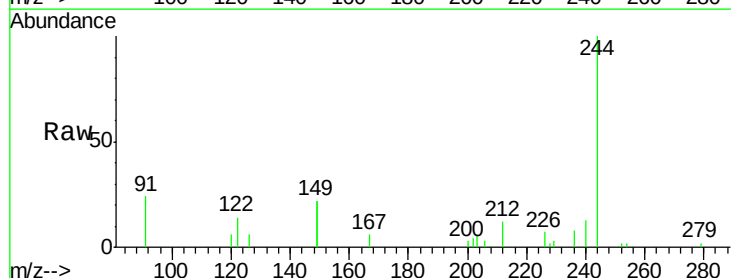
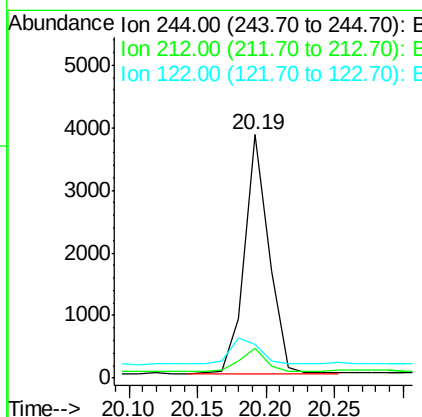
RT: 20.19 min Scan# 1896

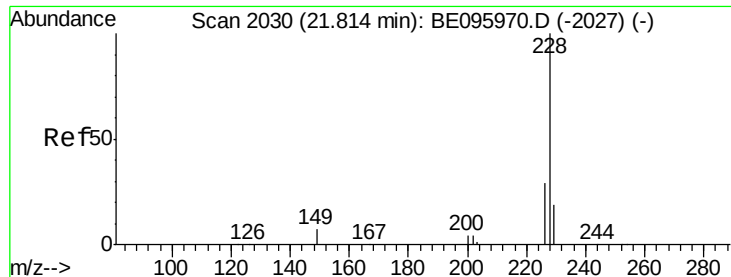
Delta R.T. -0.00 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Tgt Ion:244 Resp: 4687
 Ion Ratio Lower Upper
 244 100
 212 12.1 25.4 38.0#
 122 13.8 8.1 12.1#





#31

Chrysene

Concen: 0.172 ng m

RT: 21.79 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Instrument :

BNA_E

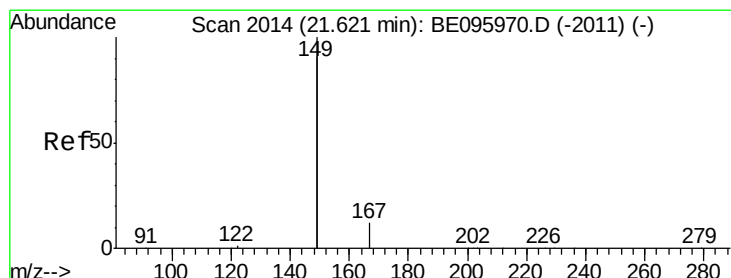
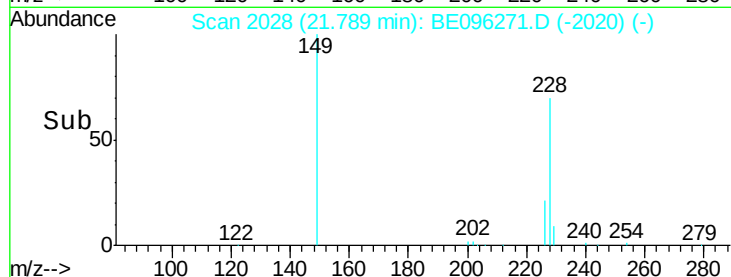
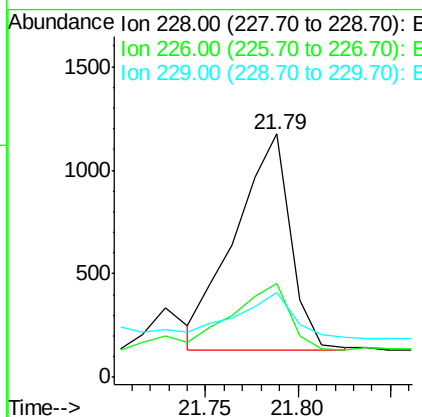
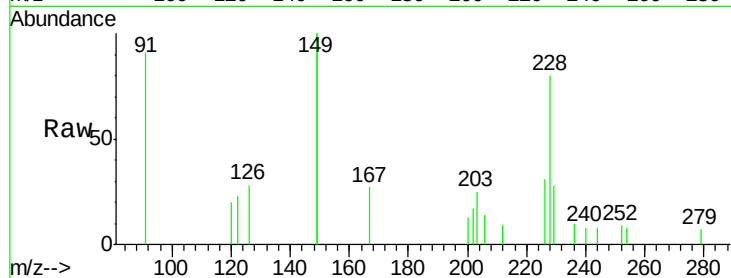
ClientSampleId :

BP-TT-SW4002-20180427

Tgt Ion:	228	Resp:	2173
Ion Ratio	Lower	Upper	
228	100		
226	38.4	24.0	36.0#
229	34.7	16.0	24.0#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 6.124 ng

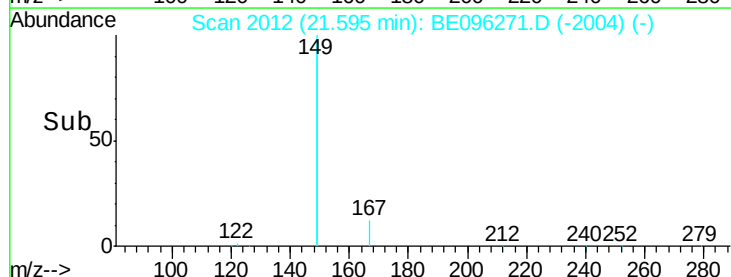
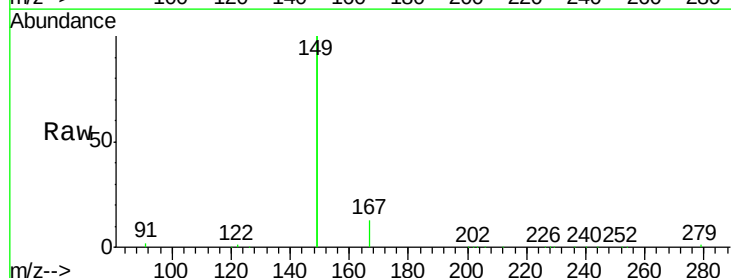
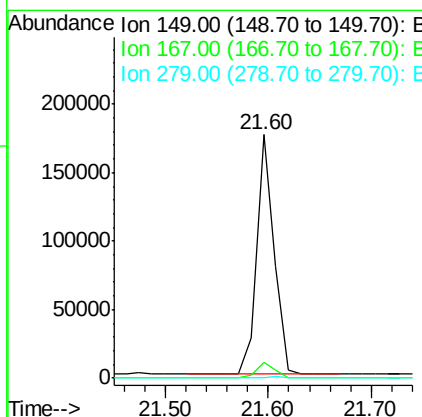
RT: 21.60 min Scan# 2012

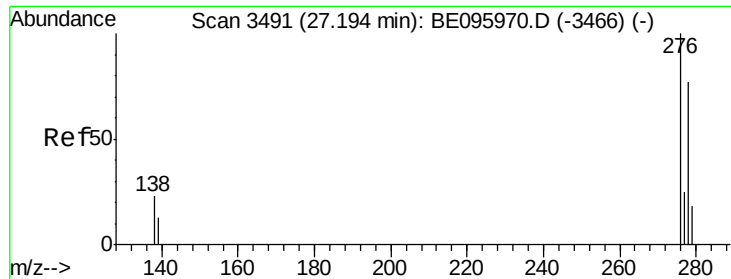
Delta R.T. -0.00 min

Lab File: BE096271.D

Acq: 1 May 2018 23:32

Tgt Ion:	149	Resp:	206193
Ion Ratio	Lower	Upper	
149	100		
167	6.6	5.4	8.0
279	0.7	0.7	1.1





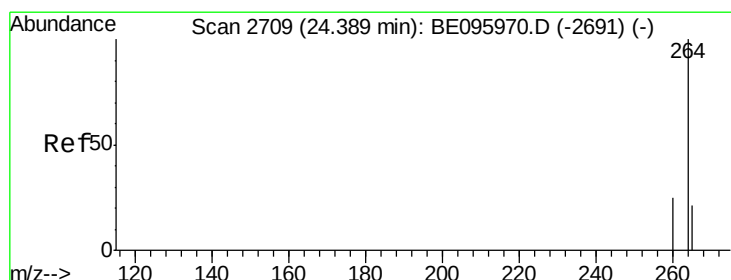
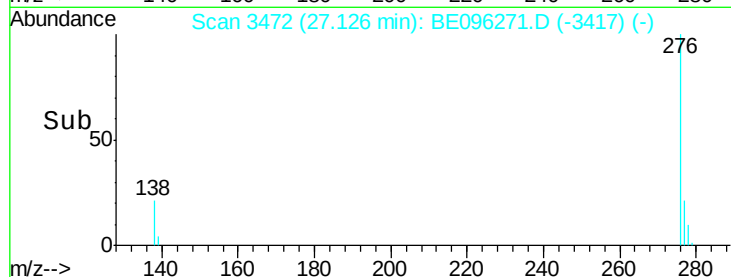
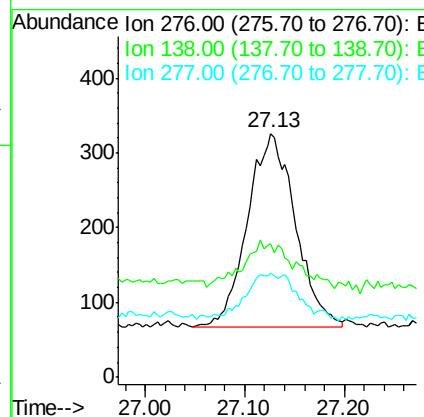
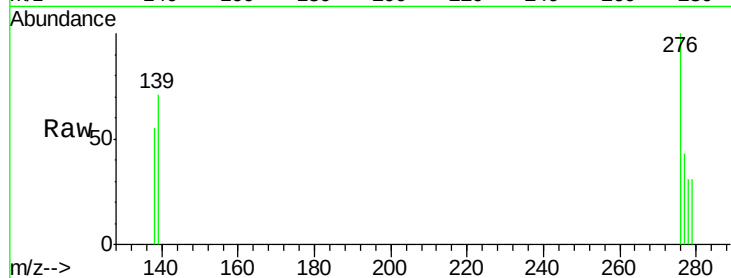
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng
RT: 27.13 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20180427

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	22.5	33.7#
277	13.7	19.9	29.9#

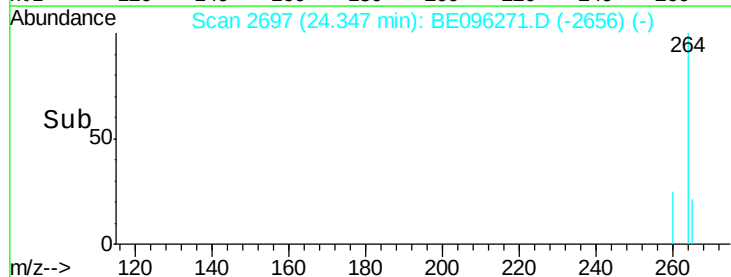
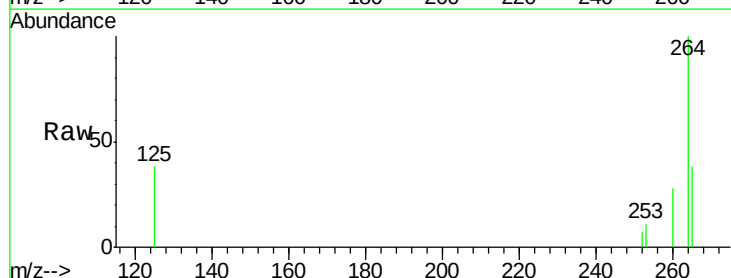
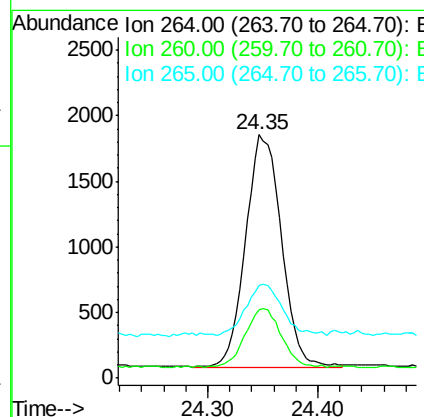
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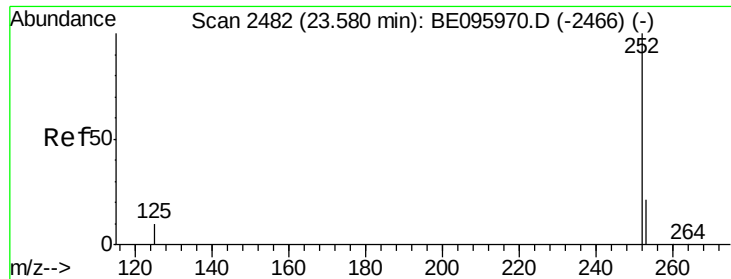
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#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

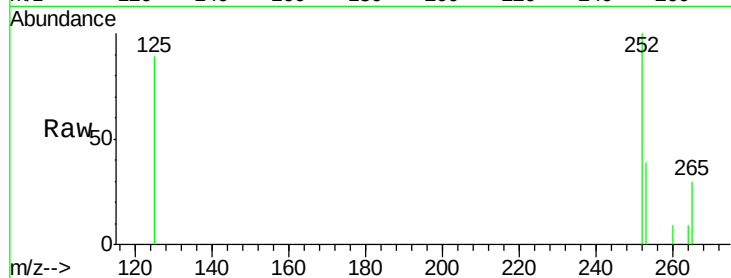
Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.5	30.7
265	37.8	22.8	34.2#





#35
Benzo(b)fluoranthene
Concen: 0.191 ng
RT: 23.55 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

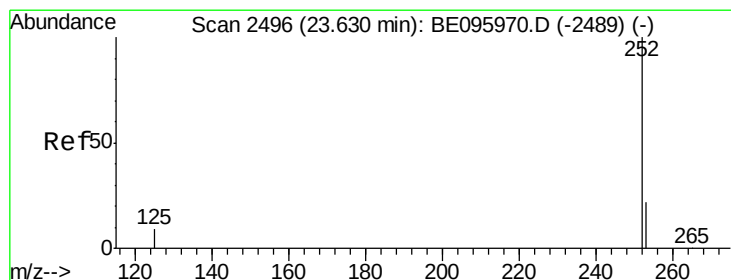
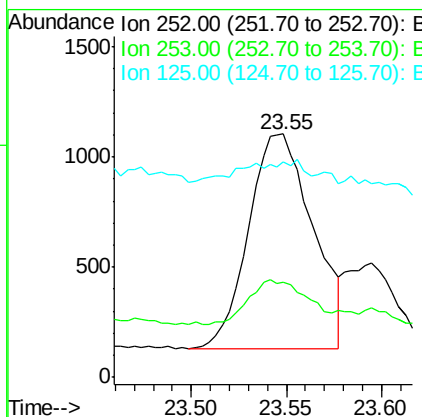
Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20180427



Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.3	20.0	30.0#
125	88.6	16.0	24.0#

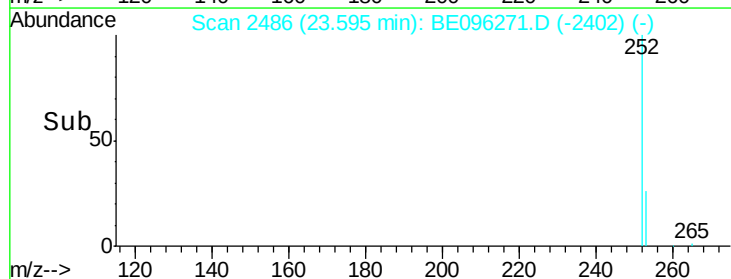
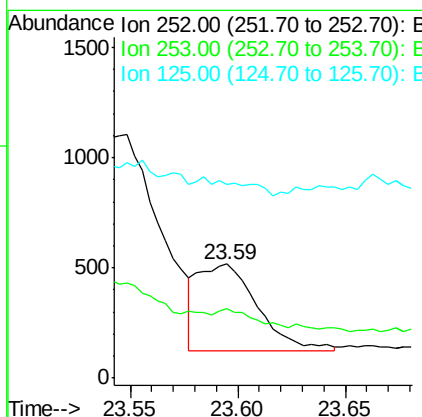
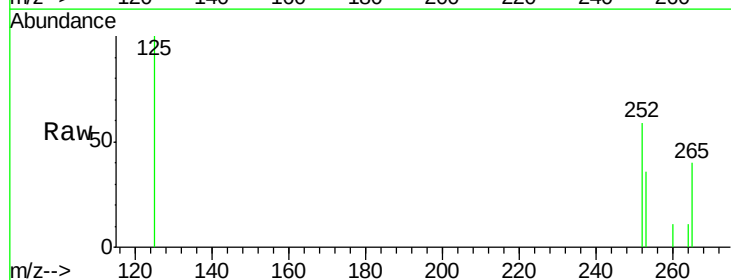
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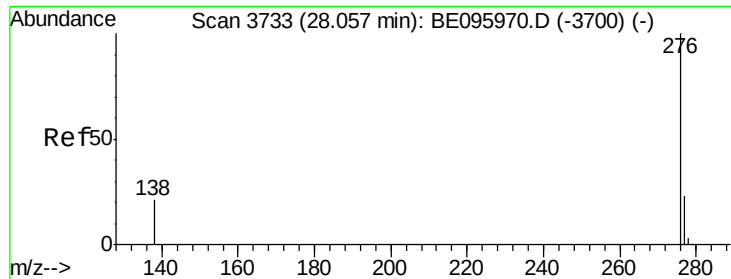
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#36
Benzo(k)fluoranthene
Concen: 0.061 ng m
RT: 23.59 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BE096271.D
Acq: 1 May 2018 23:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	61.2	16.0	24.0#
125	170.5	8.0	12.0#





#39

Benzo(g,h,i)perylene

Concen: 0.087 ng

RT: 27.99 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BE096271.D

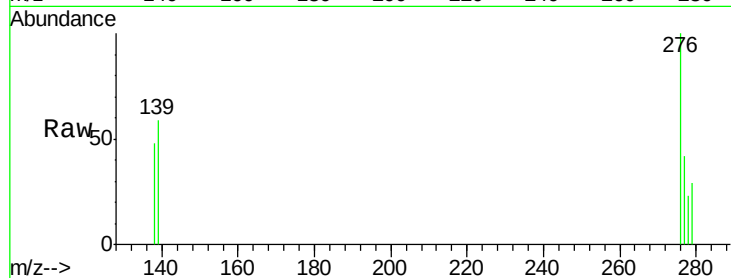
Acq: 1 May 2018 23:32

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180427



Tgt	Ion	Ratio	Lower	Upper
276	100			
277	42.0	16.0	24.0#	
138	47.6	20.0	30.0#	

Manual Integrations
APPROVED

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5/2/2018 4:36:56 AM

