

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095980.D
 Acq On : 11 Apr 2018 20:45
 Operator : SJ/JU
 Sample : J2219-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180403

Manual Integrations
 APPROVED

Sohil
 4/12/2018 9:48:25 AM

Quant Time: Apr 12 07:04:34 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 17:26:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1236	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4961	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2763	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	6579	0.40	ng	-0.01
27) Chrysene-d12	21.78	240	7148	0.40	ng	0.00
34) Perylene-d12	24.39	264	6908	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	643	0.17	ng	0.00
5) Phenol-d6	7.54	99	482	0.09	ng	0.00
8) Nitrobenzene-d5	9.57	82	2594	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	3307	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	624	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	7819	0.66	ng	0.00
25) Fluoranthene-d10	19.66	212	39009	0.44	ng	0.00
29) Terphenyl-d14	20.22	244	7621	0.48	ng	0.00
Target Compounds						
9) Naphthalene	11.27	128	3645m	0.070	ng	Qvalue
12) 2-Methylnaphthalene	12.83	142	302	0.035	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.62	149	3781	0.064	ng	# 99

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

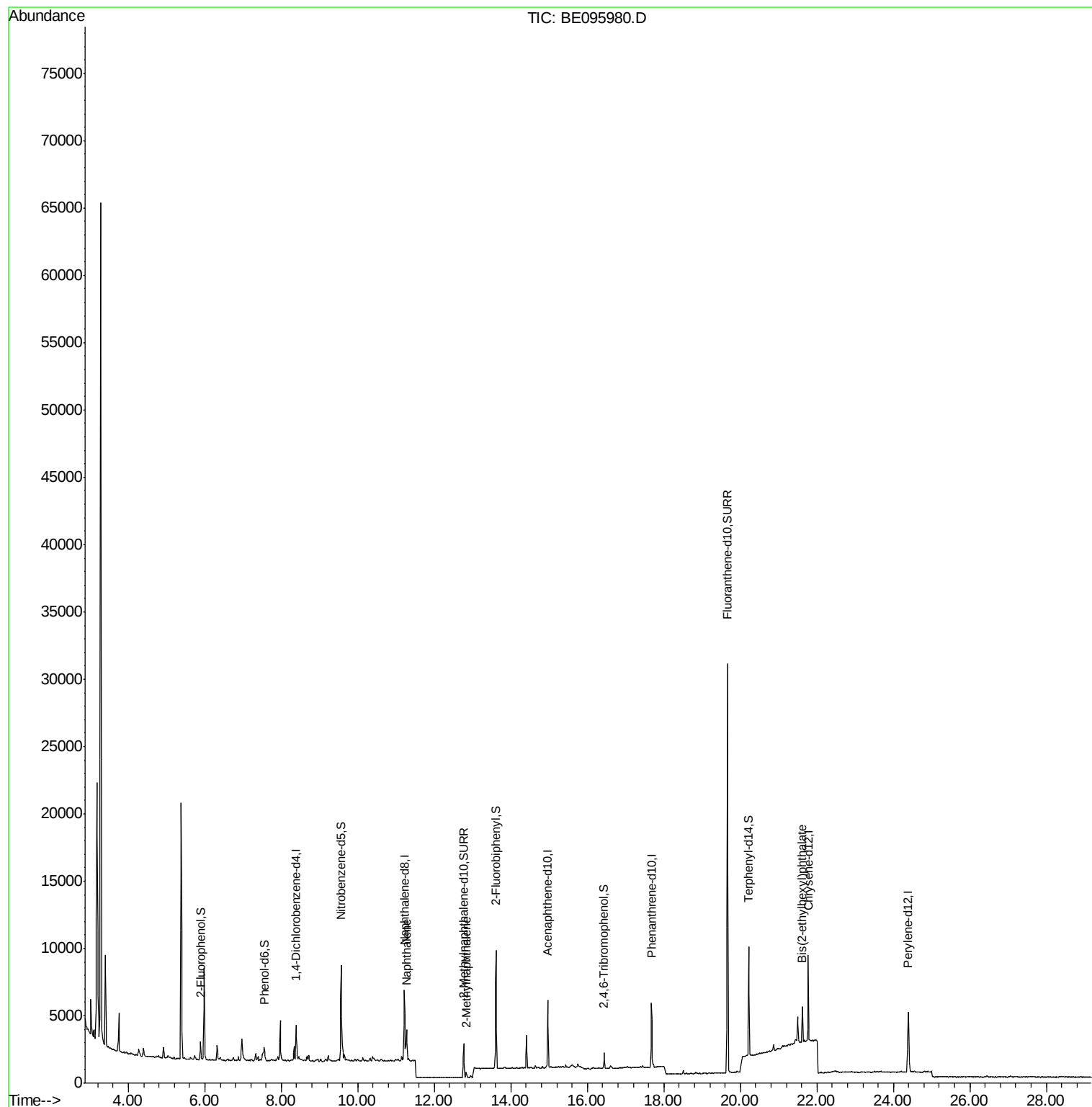
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
Data File : BE095980.D
Acq On : 11 Apr 2018 20:45
Operator : SJ/JU
Sample : J2219-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

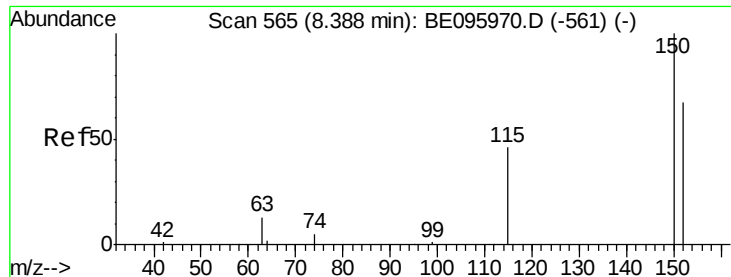
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

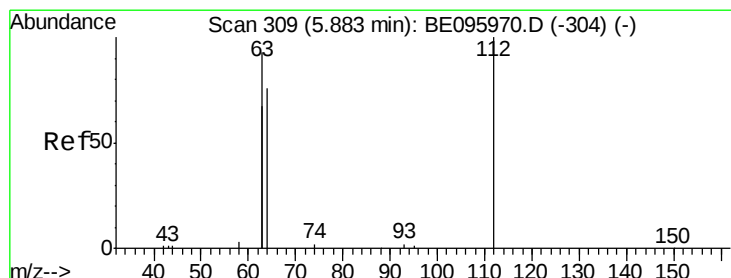
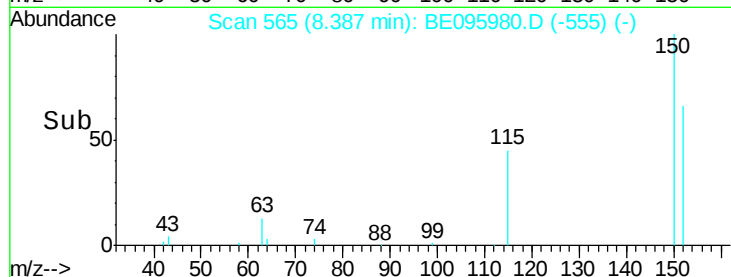
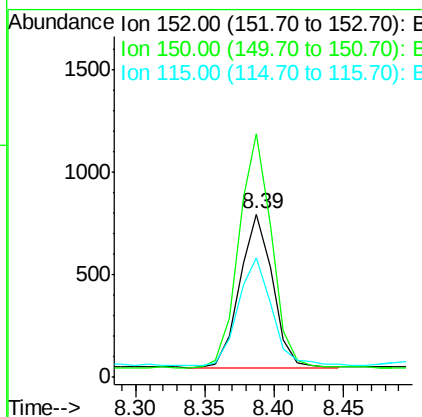
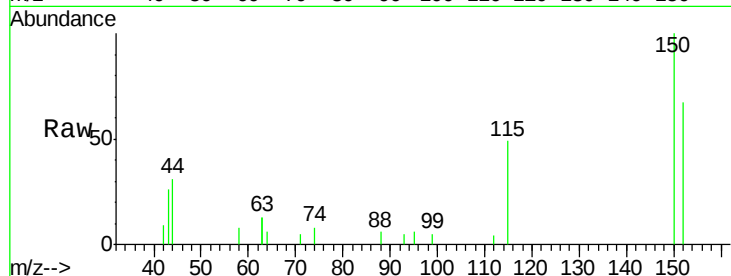
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.39 min Scan# 565
Delta R.T. -0.00 min
Lab File: BE095980.D
Acq: 11 Apr 2018 20:45

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180403

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	117.2	175.8
115	72.7	57.0	85.6

Manual Integrations
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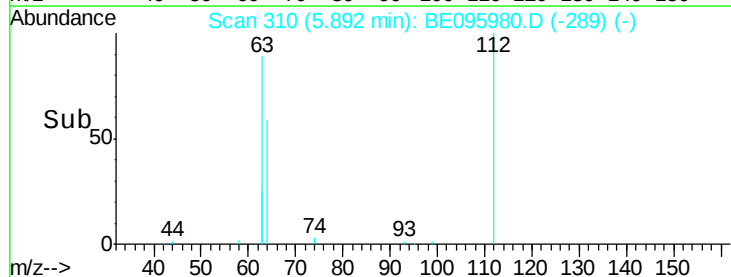
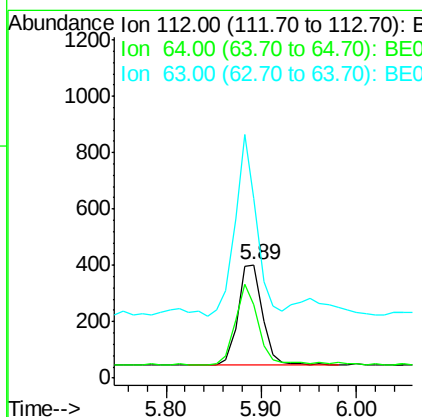
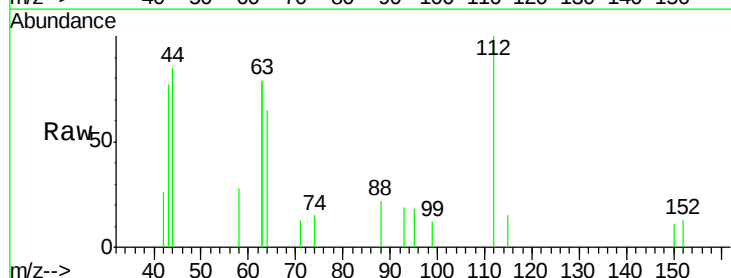
Sohil
4/12/2018 9:48:25 AM

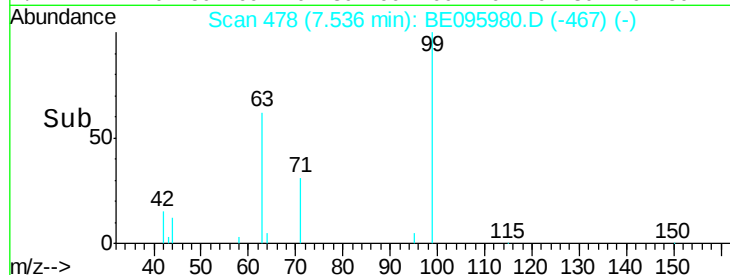
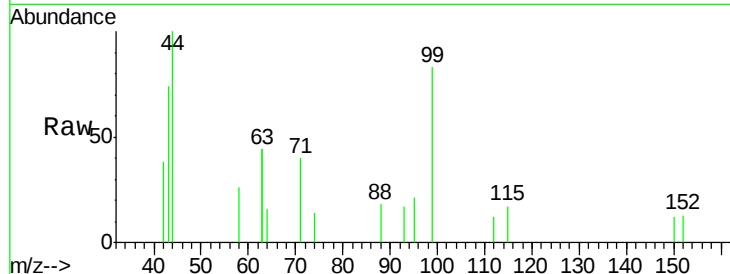
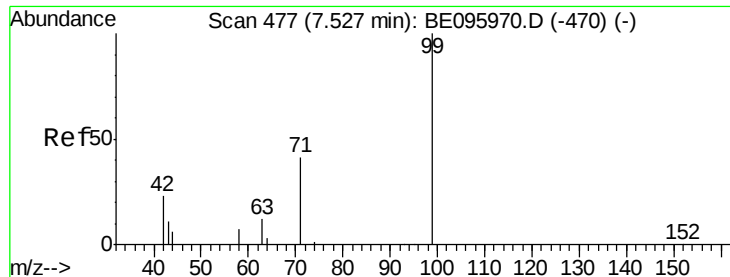


#4

2-Fluorophenol
Concen: 0.168 ng
RT: 5.89 min Scan# 310
Delta R.T. 0.01 min
Lab File: BE095980.D
Acq: 11 Apr 2018 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.6	60.1	90.1
63	156.1	116.8	175.2





#5

Phenol-d6

Concen: 0.091 ng

RT: 7.54 min Scan# 478

Delta R.T. 0.01 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Tot Ion:	99	Resp:	482
Ion	Ratio	Lower	Upper
99	100		
42	51.9	20.2	30.2#
71	0.0	28.4	42.6#

Instrument :

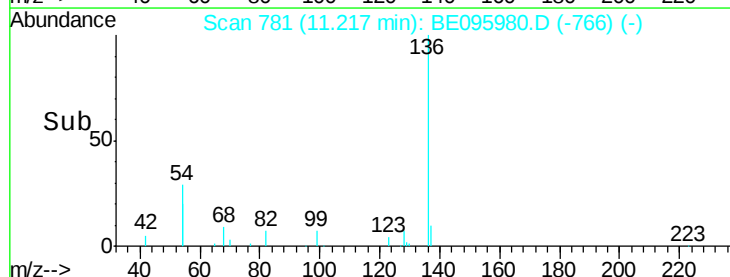
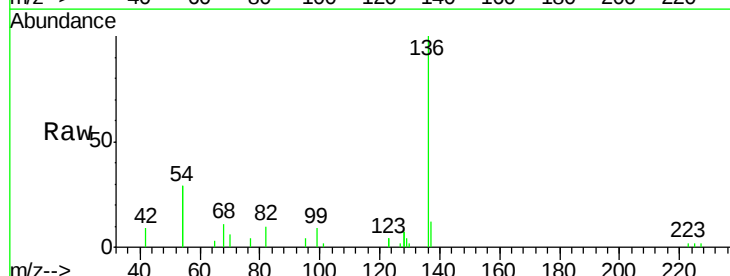
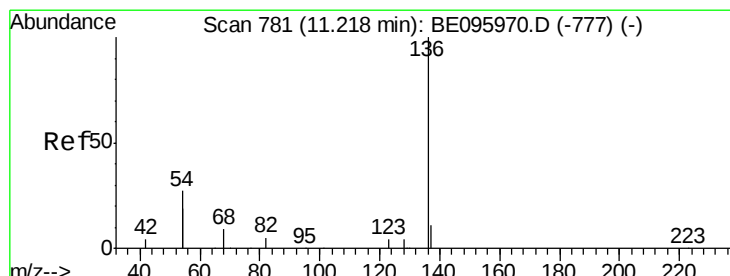
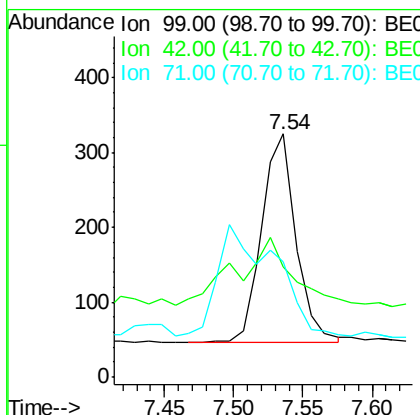
BNA_E

ClientSampleId :

OUTFALL001-180403

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#7

Naphthalene-d8

Concen: 0.400 ng

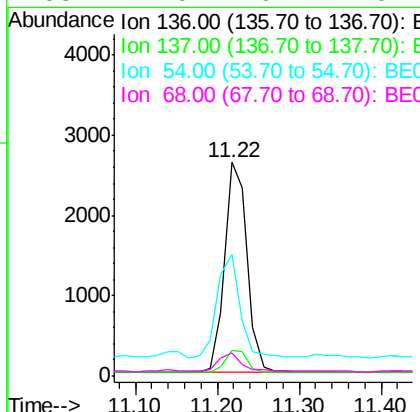
RT: 11.22 min Scan# 781

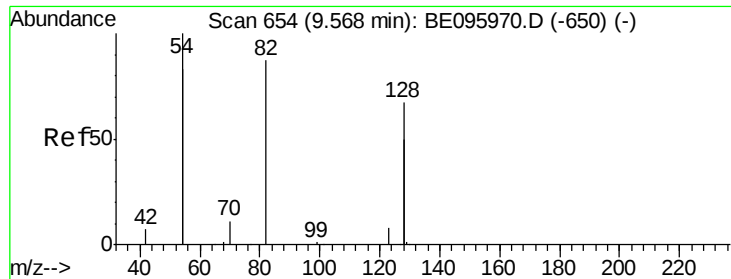
Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Tgt Ion:	136	Resp:	4961
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	57.0	29.1	43.7#
68	11.0	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.446 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

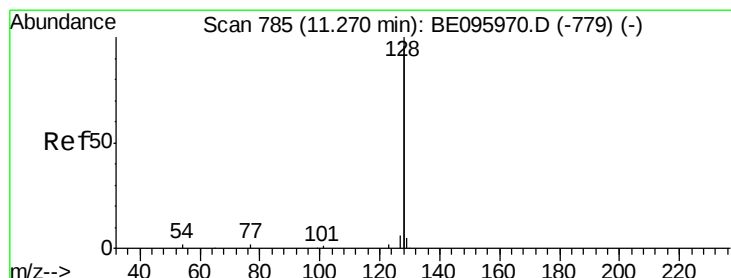
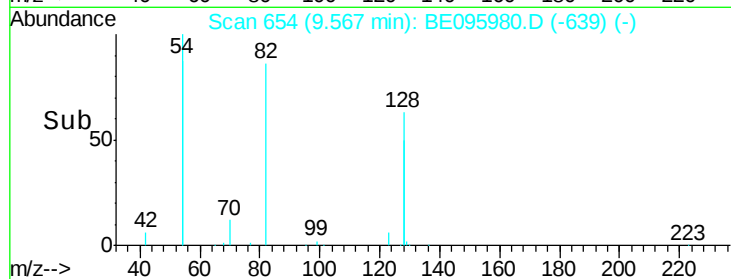
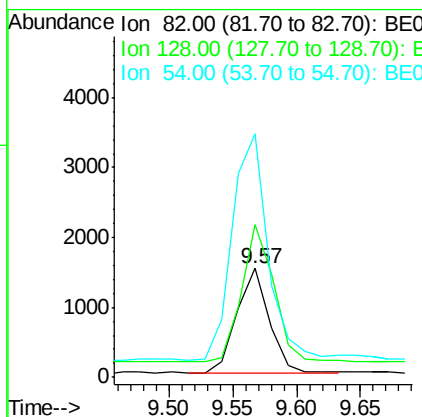
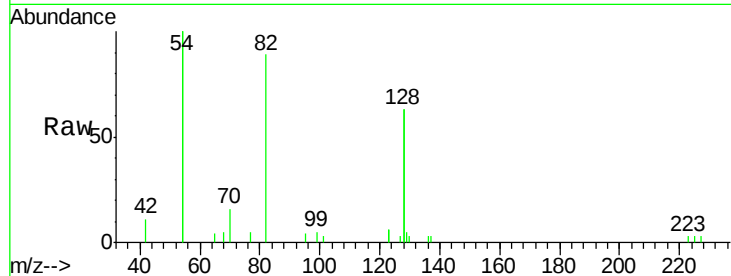
ClientSampleId :

OUTFALL001-180403

Tot Ion	Ratio	Lower	Upper
82	100		
128	140.7	150.0	225.0#
54	223.5	154.2	231.4

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#9

Naphthalene

Concen: 0.070 ng m

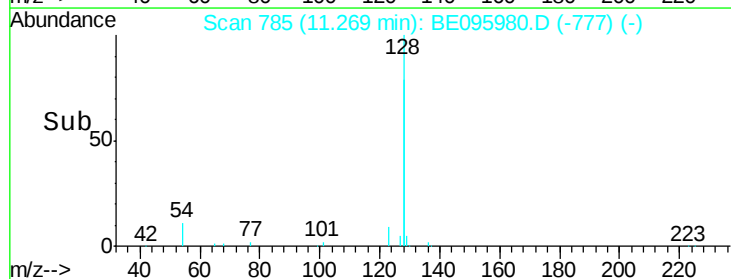
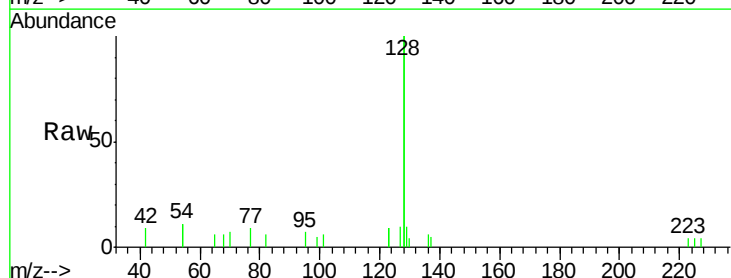
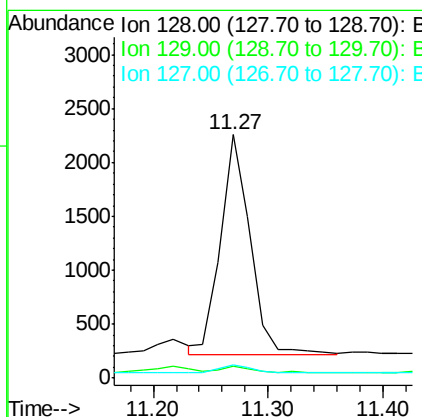
RT: 11.27 min Scan# 785

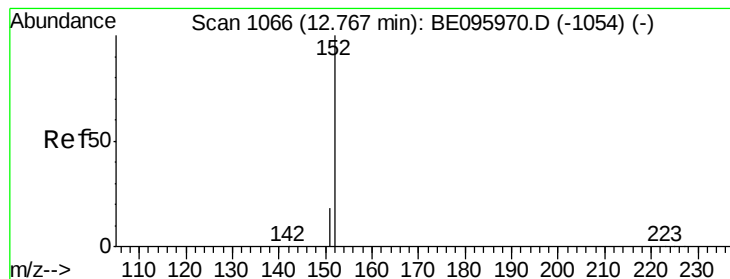
Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.7	2.6	3.8#
127	10.5	2.8	4.2#





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 12.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180403

Tot Ion:152 Resp: 3307

Ion Ratio Lower Upper

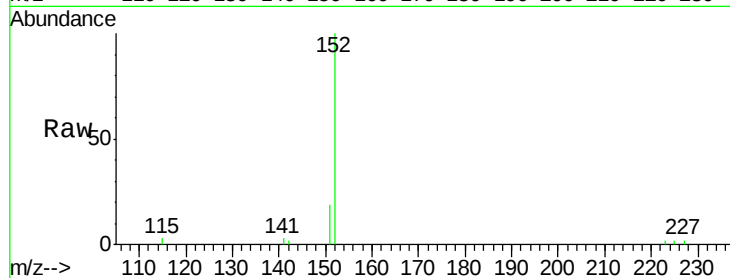
152 100

151 19.9 15.4 23.0

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.76

2500

2000

1500

1000

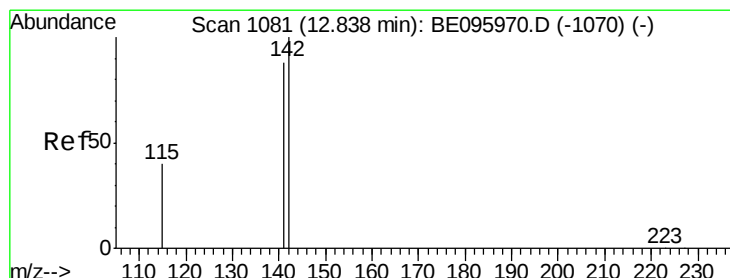
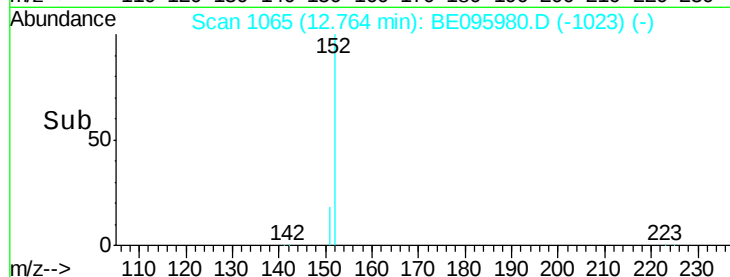
500

0

12.70

12.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.035 ng

RT: 12.83 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

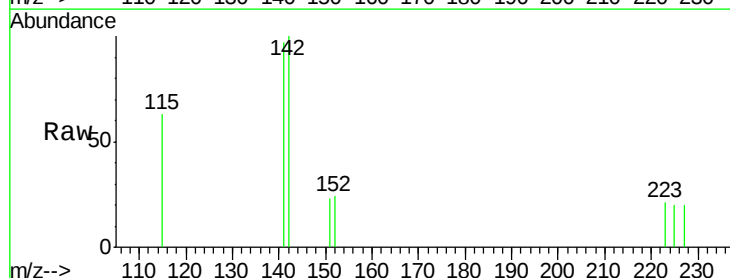
Tgt Ion:142 Resp: 302

Ion Ratio Lower Upper

142 100

141 96.9 70.4 105.6

115 63.1 31.7 47.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

300

250

200

150

100

50

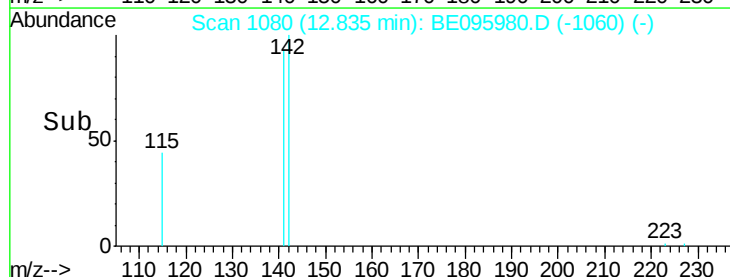
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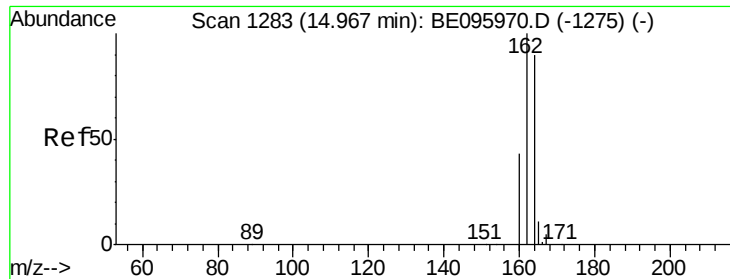
12.80

12.85

12.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180403

Tot Ion:164 Resp: 2763

Ion Ratio Lower Upper

164 100

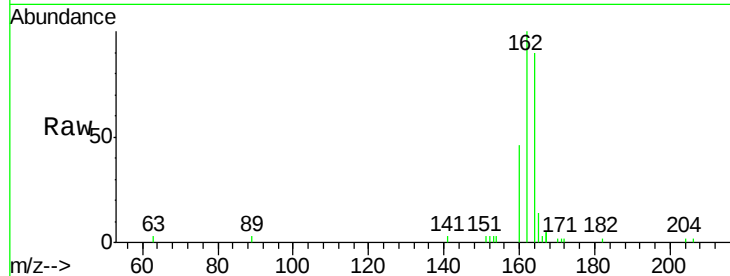
162 110.8 83.1 124.7

160 50.5 37.1 55.7

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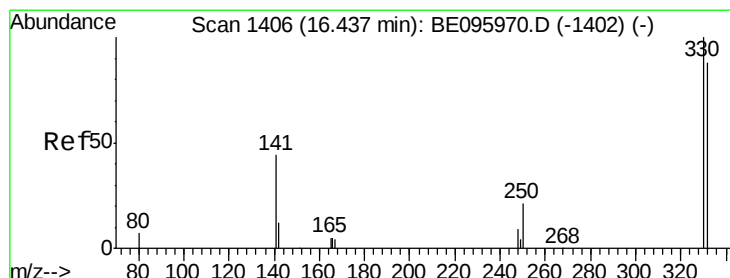
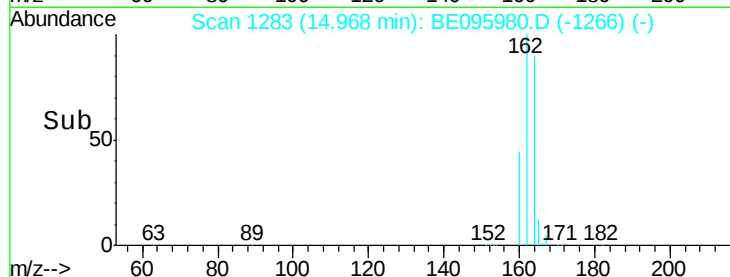
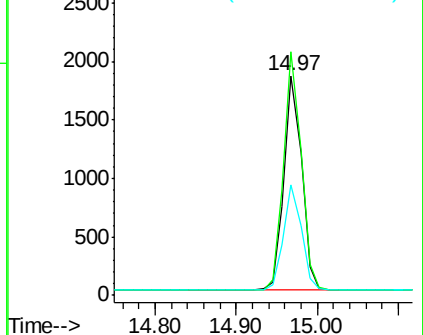
4/12/2018 9:48:25 AM



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: 0.468 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

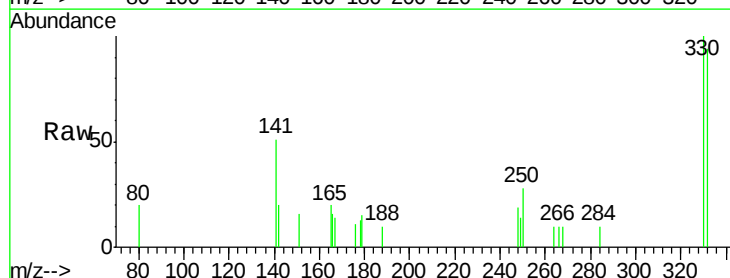
Tgt Ion:330 Resp: 624

Ion Ratio Lower Upper

330 100

332 99.7 152.7 229.1#

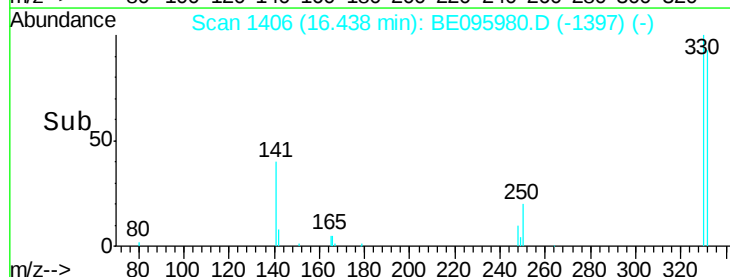
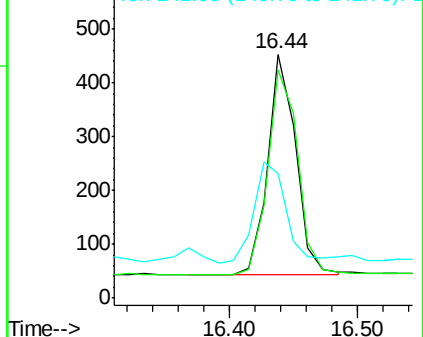
141 53.0 33.7 50.5#

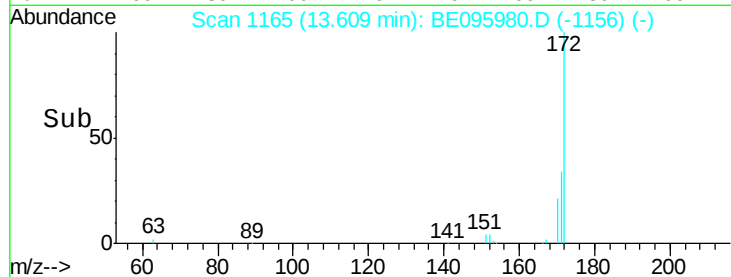
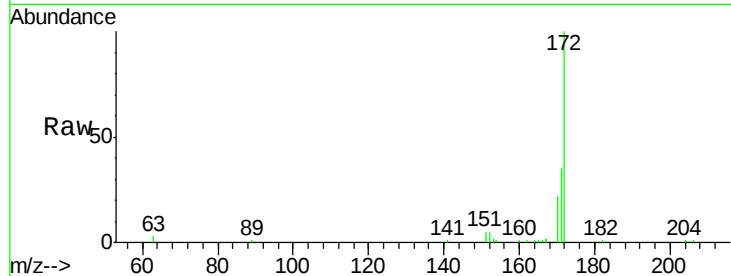
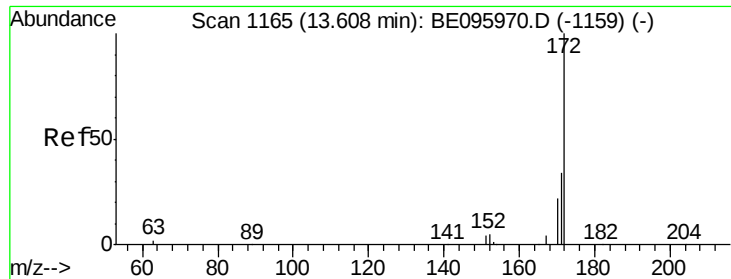


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





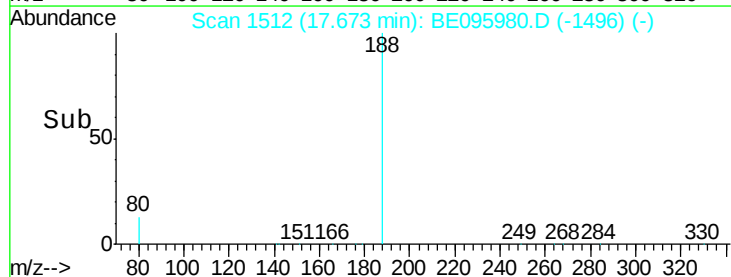
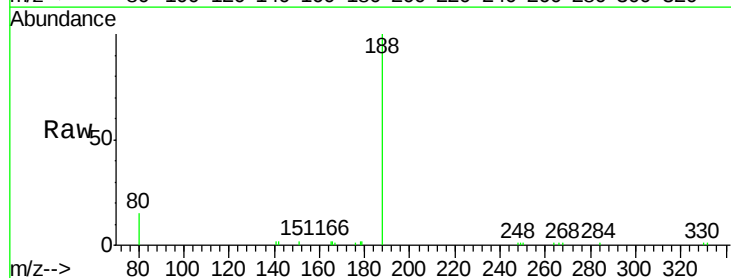
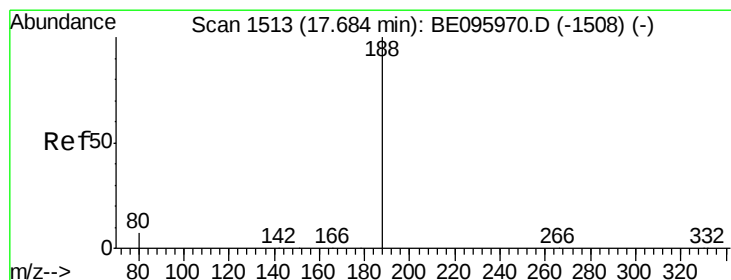
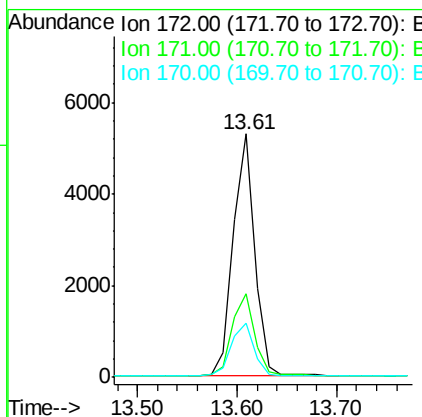
#15
2-Fluorobiphenyl
Concen: 0.662 ng
RT: 13.61 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE095980.D
Acq: 11 Apr 2018 20:45

Instrument :
BNA_E
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OUTFALL001-180403

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.9	44.9
170	22.1	21.8	32.8

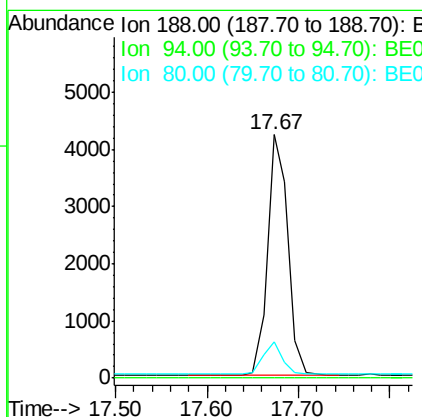
Manual Integrations
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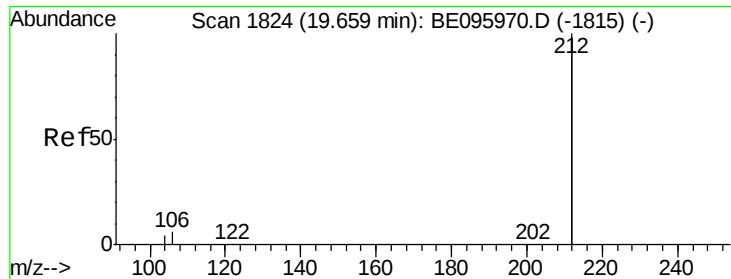
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE095980.D
Acq: 11 Apr 2018 20:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.1	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.437 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

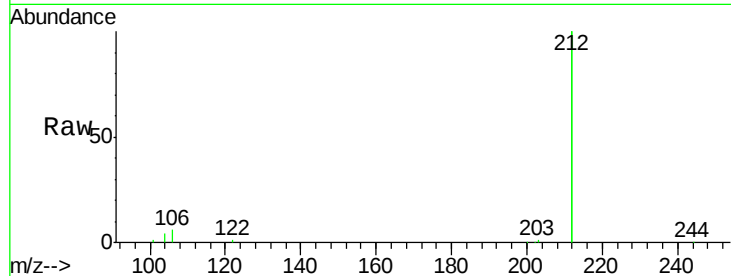
ClientSampleId :

OUTFALL001-180403

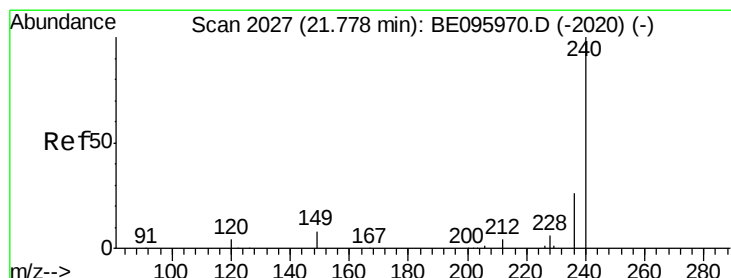
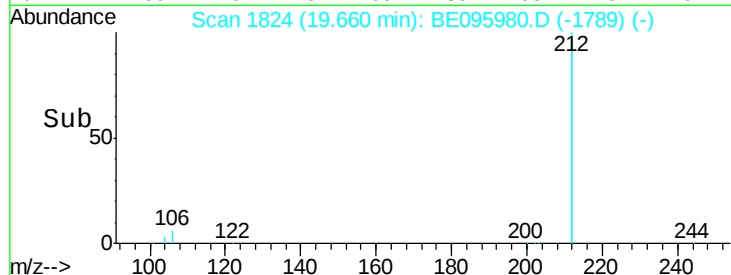
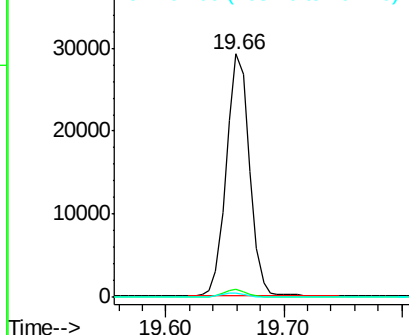
Tot Ion:	212	Resp:	39009
Ion Ratio	Lower	Upper	
212	100		
106	2.9	2.8	4.2
104	1.6	1.6	2.4

Manual Integrations
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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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.78 min Scan# 2027

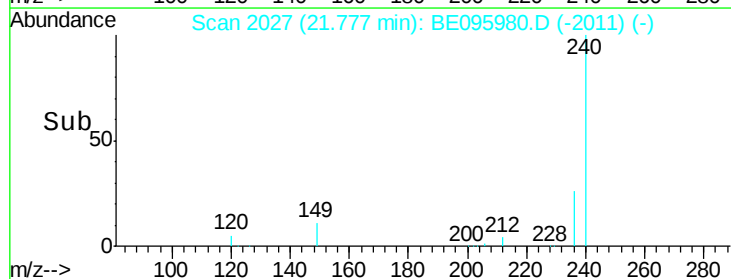
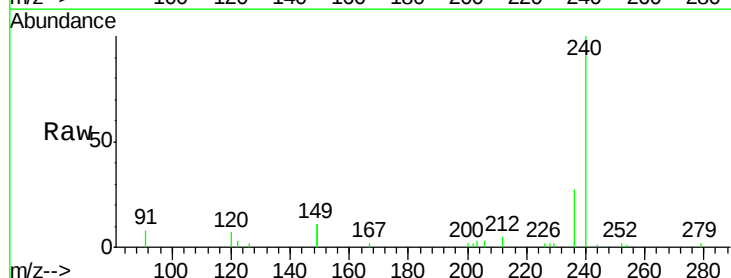
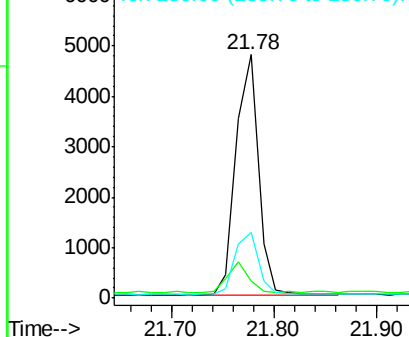
Delta R.T. -0.00 min

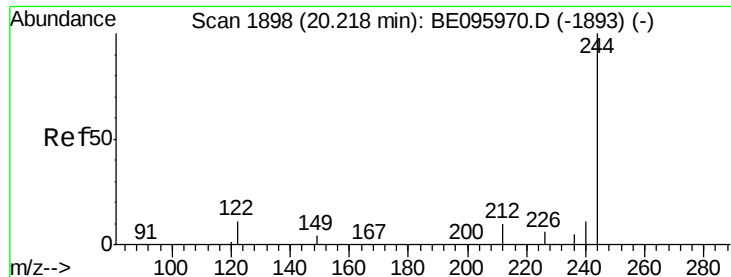
Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Tgt Ion:	240	Resp:	7148
Ion Ratio	Lower	Upper	
240	100		
120	7.0	5.5	8.3
236	27.2	20.7	31.1

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





#29

Terphenyl-d14

Concen: 0.483 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095980.D

Acq: 11 Apr 2018 20:45

Instrument :

BNA_E

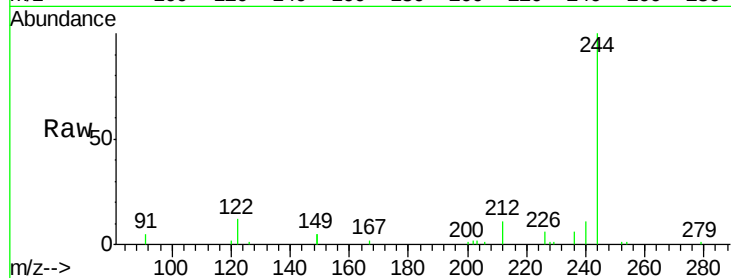
ClientSampleId :

OUTFALL001-180403

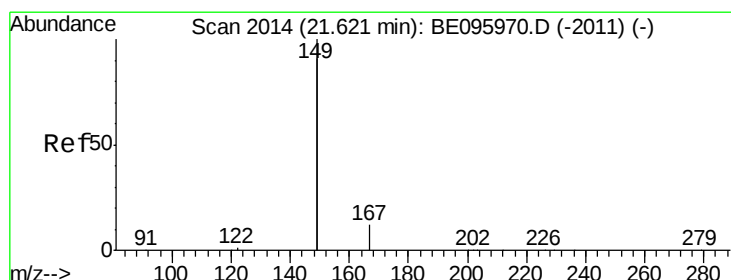
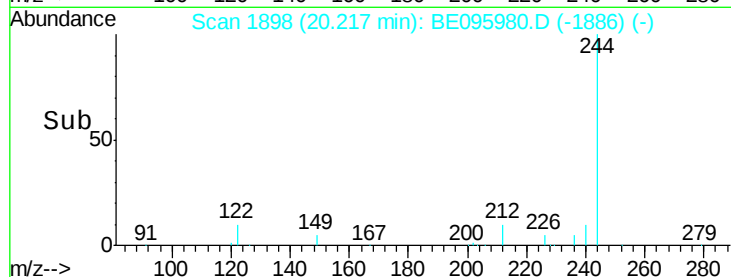
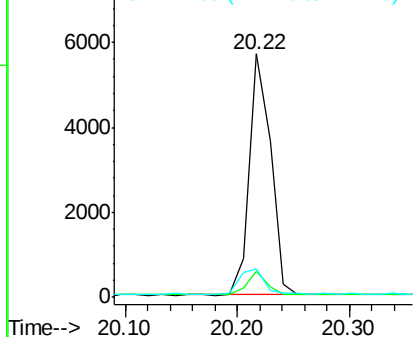
Tot Ion:	244	Resp:	7621
Ion Ratio	Lower	Upper	
244	100		
212	10.6	25.4	38.0#
122	11.7	8.1	12.1

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

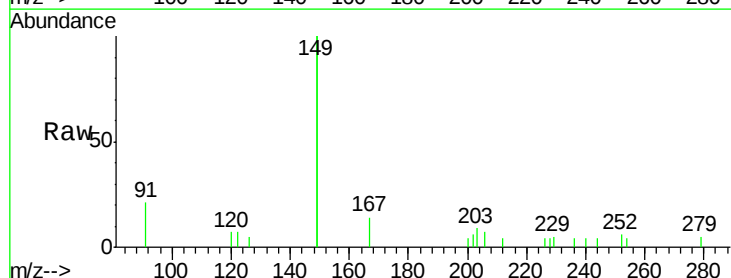
RT: 21.62 min Scan# 2014

Delta R.T. -0.00 min

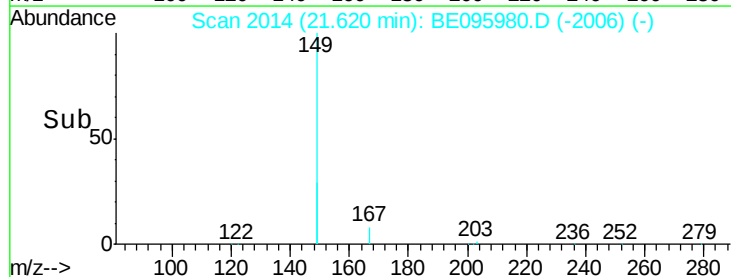
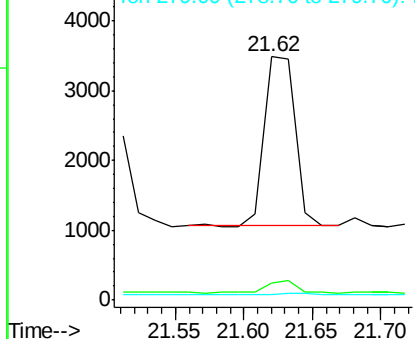
Lab File: BE095980.D

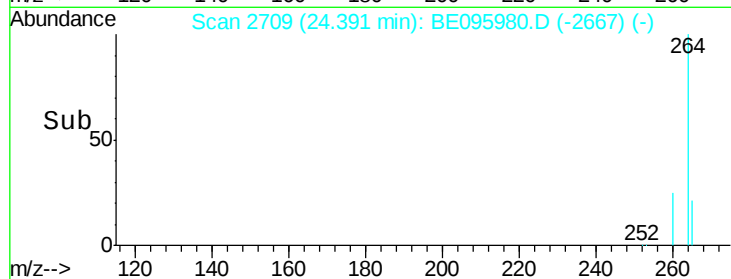
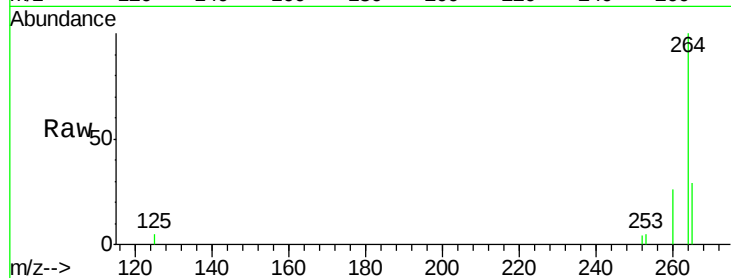
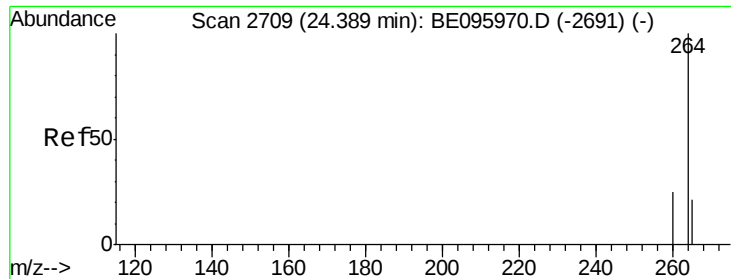
Acq: 11 Apr 2018 20:45

Tgt Ion:	149	Resp:	3781
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.4	8.0
279	1.6	0.7	1.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.39 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE095980.D
Acq: 11 Apr 2018 20:45

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	29.4	22.8	34.2

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180403

Manual Integrations
APPROVED

Sohil
4/12/2018 9:48:25 AM

