

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
 Data File : BE094968.D
 Acq On : 9 Dec 2017 2:48
 Operator : SJ/JU
 Sample : I6757-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-171205

Manual Integrations
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Quant Time: Dec 09 03:27:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	7425	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	16491	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	9577	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	23866	0.40	ng	0.00
27) Chrysene-d12	21.89	240	22931m	0.40	ng	0.00
34) Perylene-d12	24.56	264	20034	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	1930	0.16	ng	0.00
5) Phenol-d6	7.60	99	1978	0.11	ng	0.00
8) Nitrobenzene-d5	9.66	82	5304	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9053	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	914	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	16158	0.39	ng	0.00
25) Fluoranthene-d10	19.76	212	107711	0.33	ng	0.00
29) Terphenyl-d14	20.33	244	20909	0.49	ng	0.00

Target Compounds				Qvalue		
9) Naphthalene	11.38	128	7162m	0.037	ng	
23) Phenanthrene	17.82	178	4381	0.058	ng	# 96
26) Fluoranthene	19.79	202	3724	0.038	ng	# 97
28) Pyrene	20.14	202	2938	0.037	ng	# 93
30) Benzo(a)anthracene	21.85	228	3450	0.049	ng	# 63
31) Chrysene	21.92	228	3684m	0.047	ng	
32) Bis(2-ethylhexyl)phthalate	21.75	149	6738	0.058	ng	98
33) Indeno(1,2,3-cd)pyrene	27.42	276	2829	0.044	ng	# 70
35) Benzo(b)fluoranthene	23.73	252	3526	0.048	ng	# 53
36) Benzo(k)fluoranthene	23.78	252	2927	0.039	ng	# 53
37) Benzo(a)pyrene	24.44	252	2731	0.043	ng	# 63
38) Dibenzo(a,h)anthracene	27.45	278	2238	0.038	ng	# 64
39) Benzo(a,h,i)perylene	28.31	276	2465	0.042	ng	# 61

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

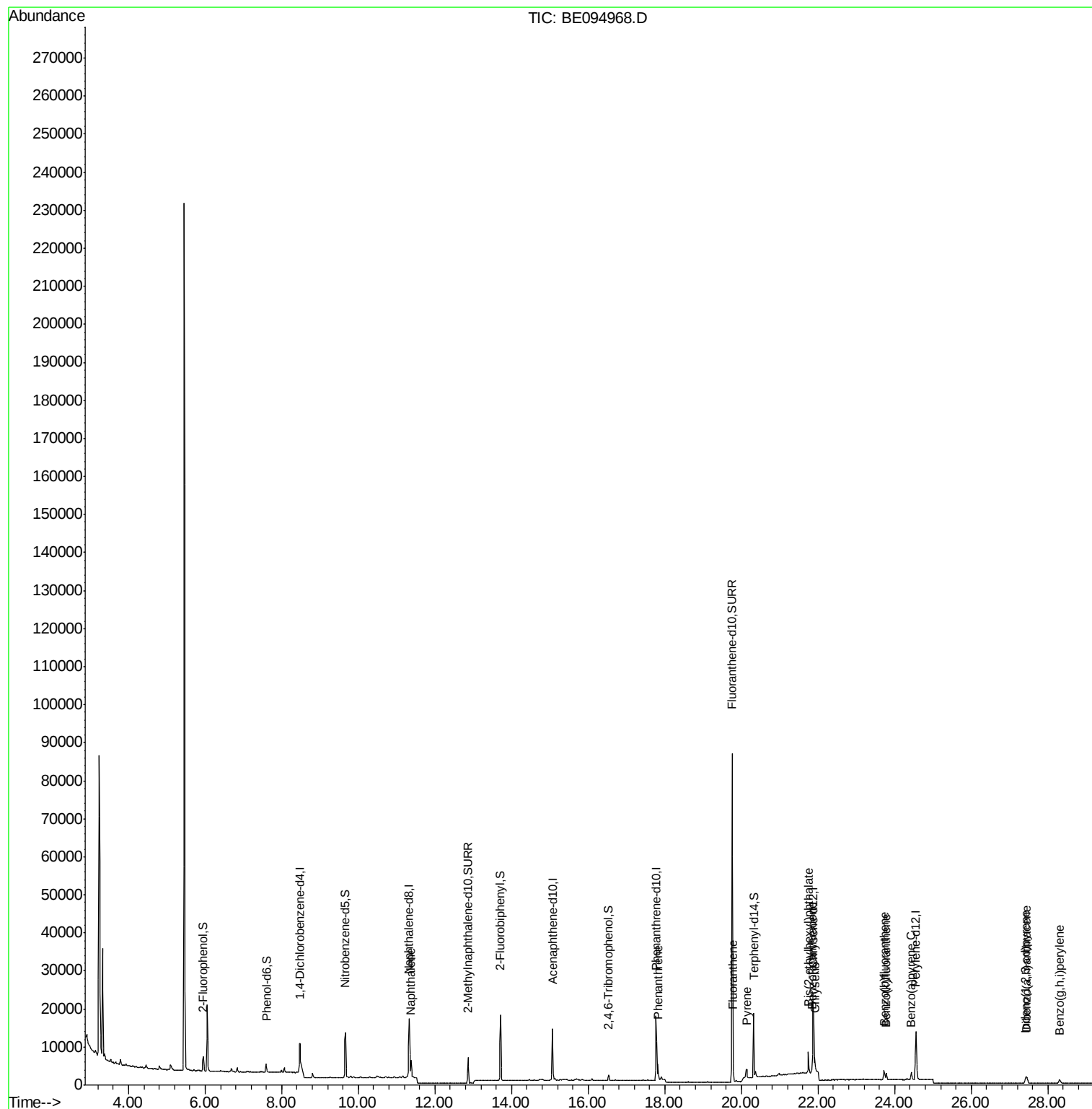
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094968.D
Acq On : 9 Dec 2017 2:48
Operator : SJ/JU
Sample : I6757-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

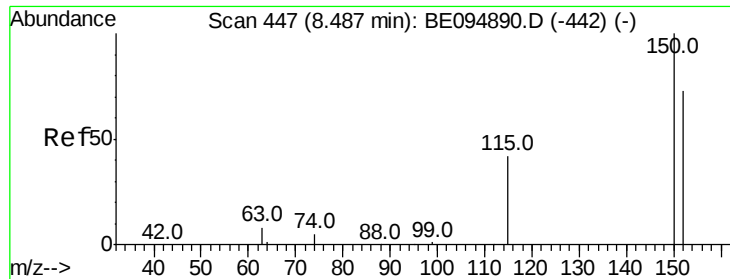
Instrument :
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#1

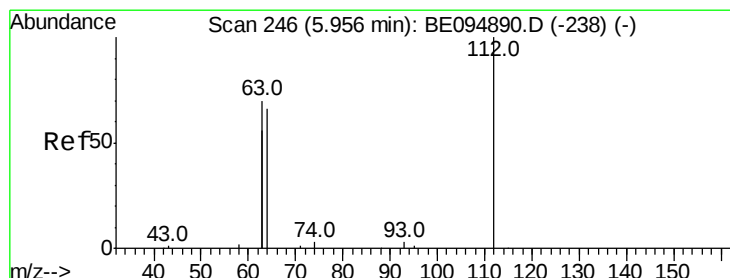
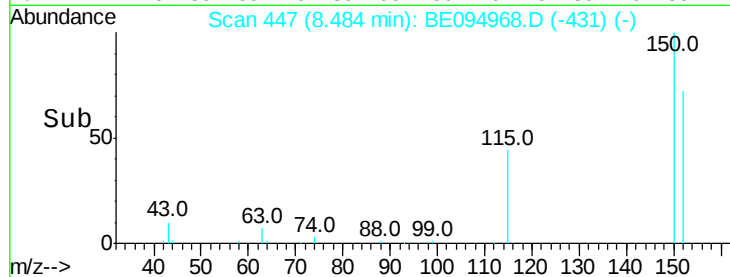
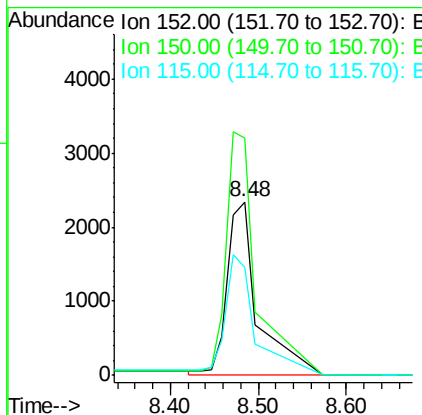
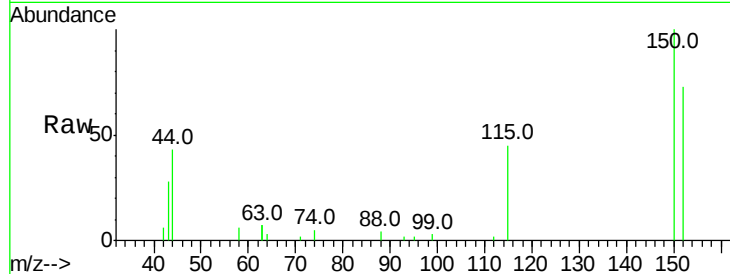
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171205

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.8	117.2	175.8
115	62.1	57.0	85.6

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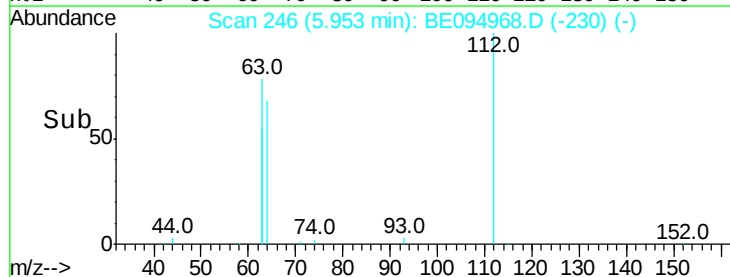
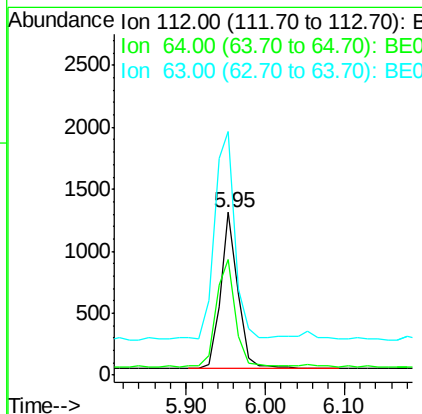
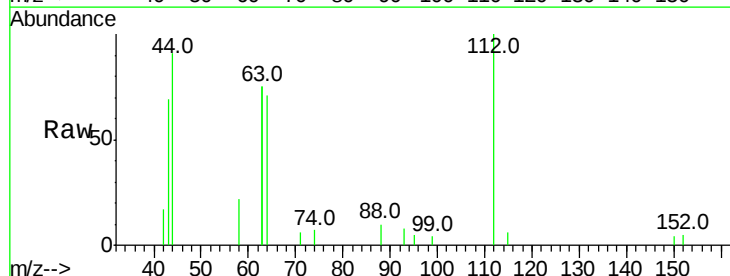
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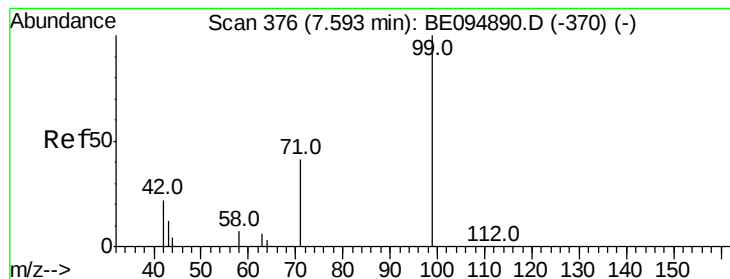


#4

2-Fluorophenol
Concen: 0.164 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	157.3	116.8	175.2





#5

Phenol-d6

Concen: 0.114 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Instrument :

BNA_E

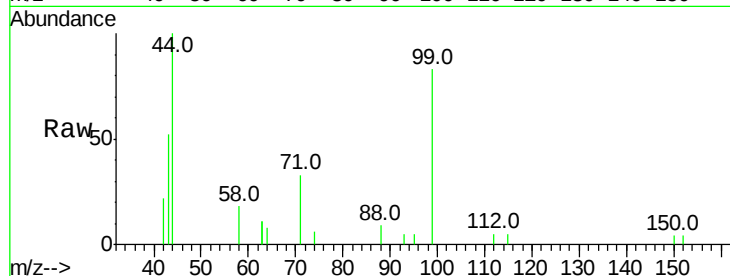
ClientSampleId :

OUTFALL001-171205

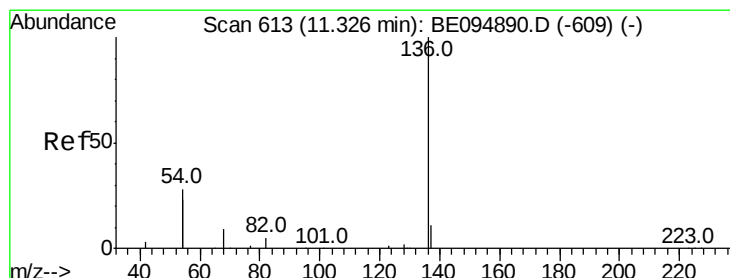
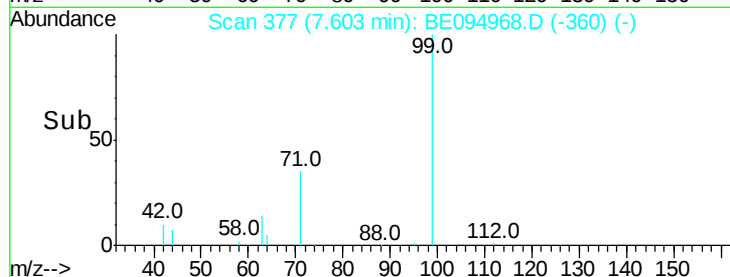
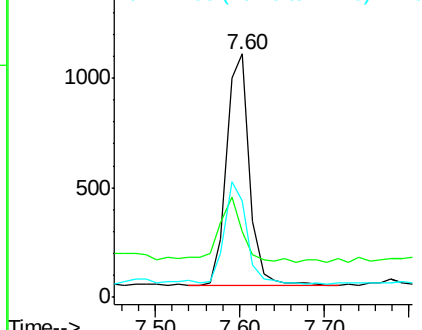
Tot Ion:	99	Resp:	1978
Ion Ratio	Lower	Upper	
99	100		
42	27.0	20.2	30.2
71	44.7	28.4	42.6#

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

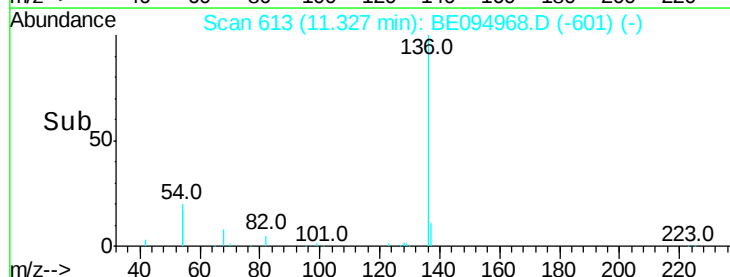
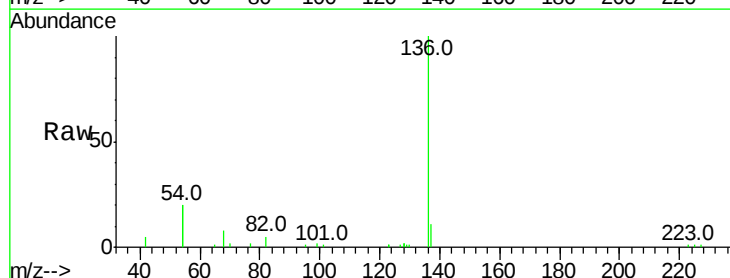
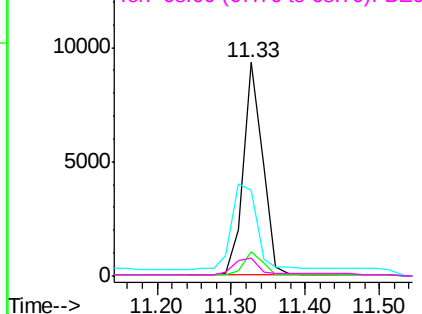
Delta R.T. 0.00 min

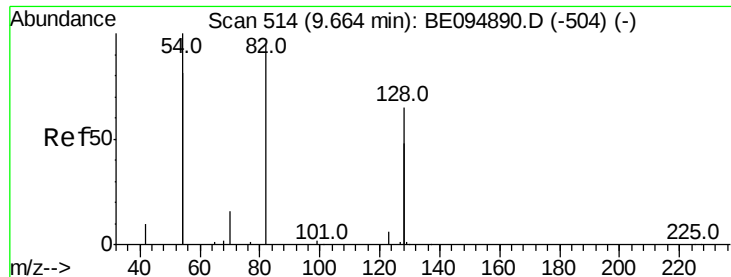
Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Tgt Ion:	136	Resp:	16491
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.5	14.3
54	40.2	29.1	43.7
68	8.5	6.2	9.2

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: 0.543 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Instrument :

BNA_E

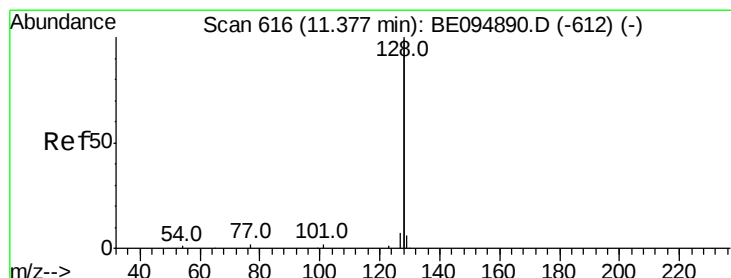
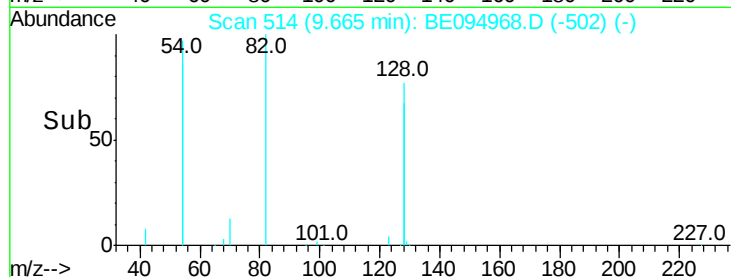
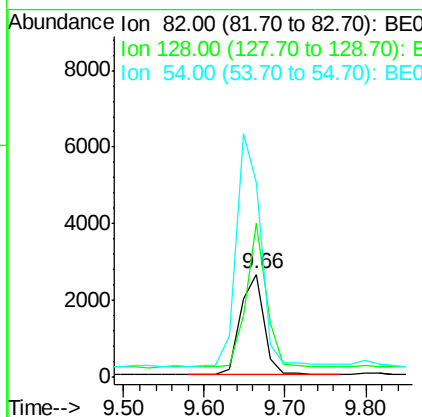
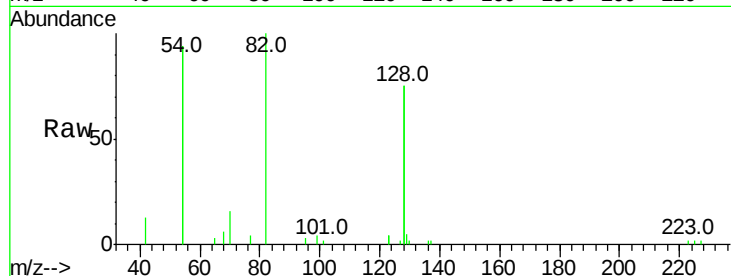
ClientSampleId :

OUTFALL001-171205

Tot Ion:	82	Resp:	5304
Ion	Ratio	Lower	Upper
82	100		
128	149.2	150.0	225.0#
54	188.3	154.2	231.4

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#9

Naphthalene

Concen: 0.037 ng m

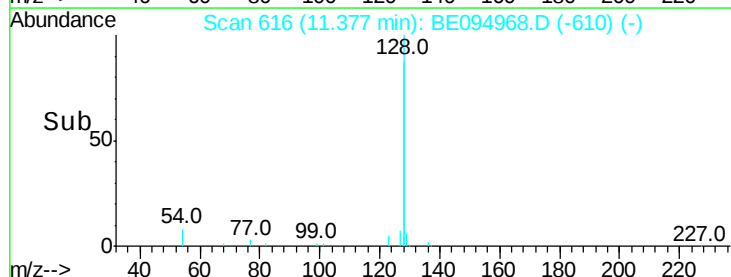
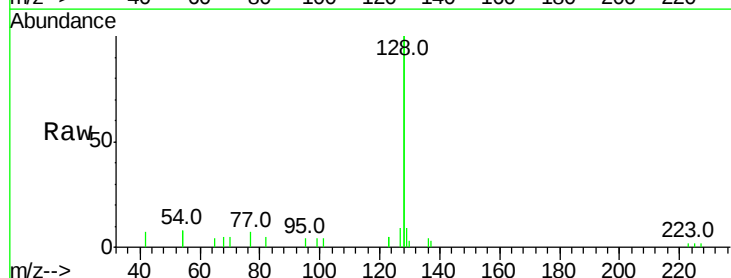
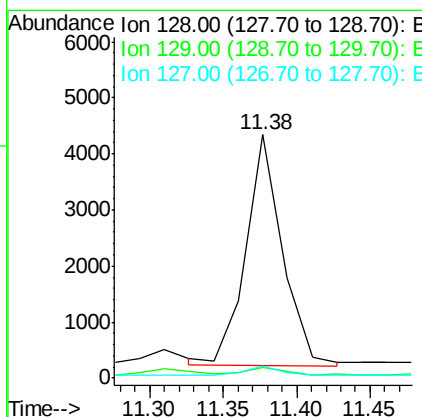
RT: 11.38 min Scan# 616

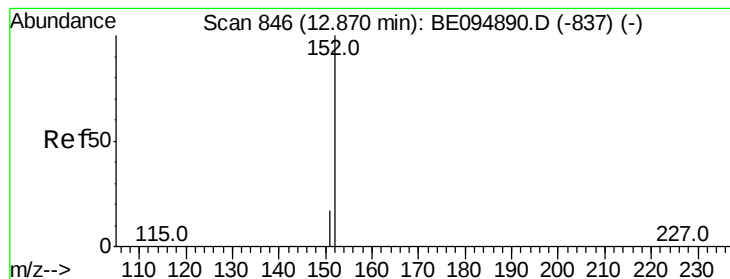
Delta R.T. 0.00 min

Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Tgt Ion:	128	Resp:	7162
Ion	Ratio	Lower	Upper
128	100		
129	8.9	2.6	3.8#
127	9.4	2.8	4.2#





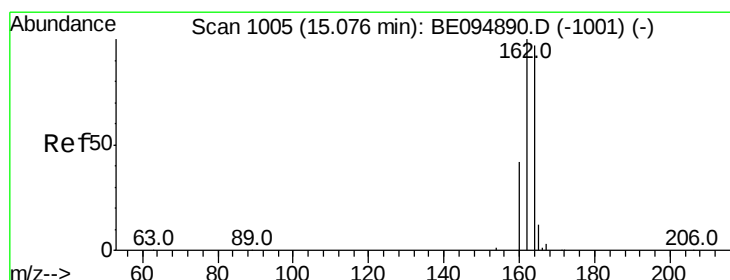
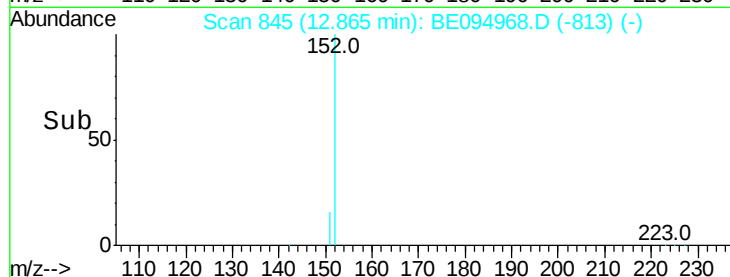
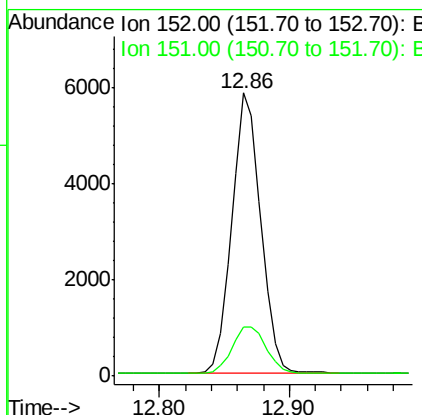
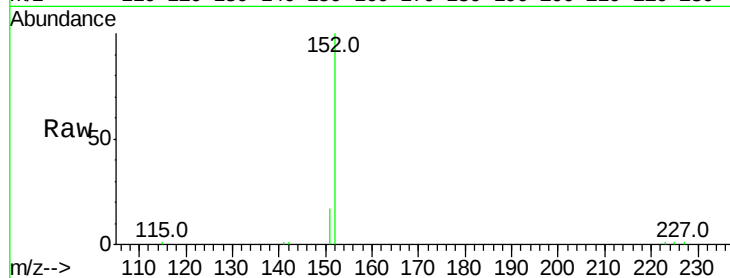
#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171205

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

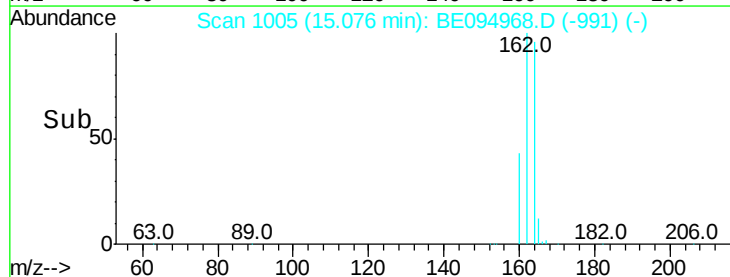
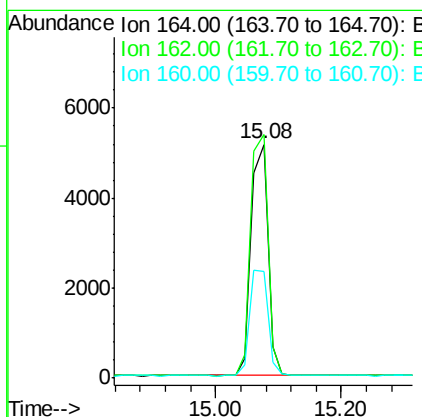
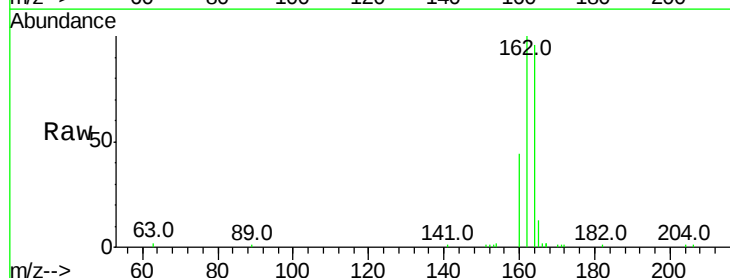
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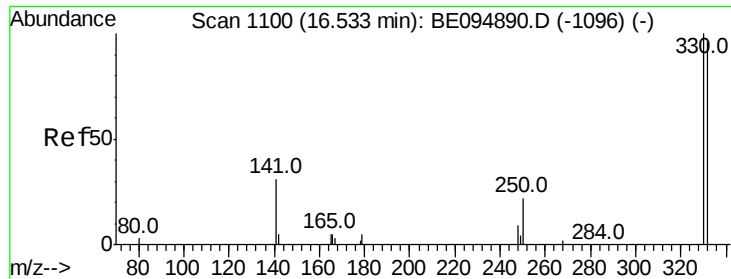
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.1	124.7
160	45.4	37.1	55.7





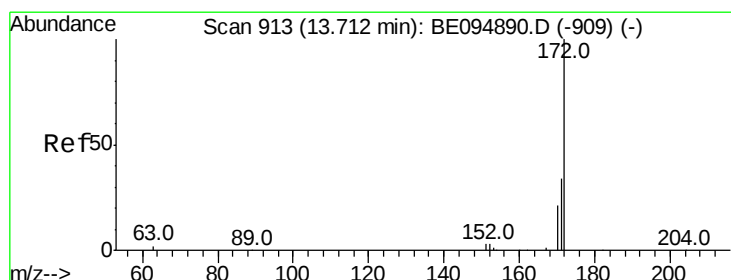
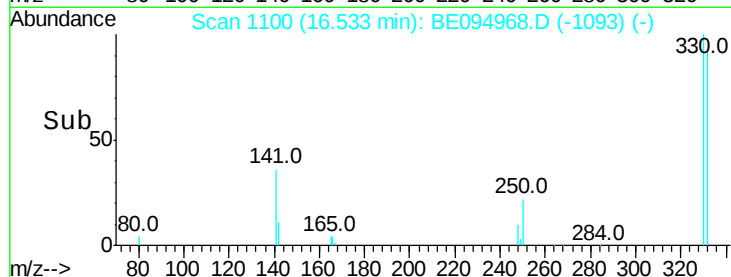
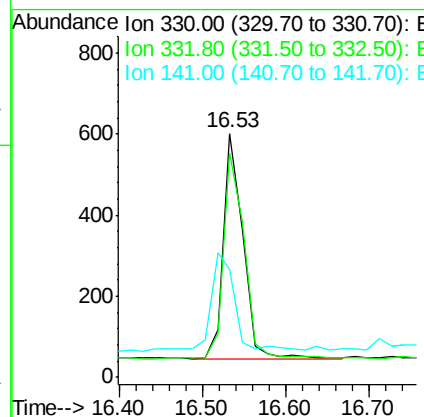
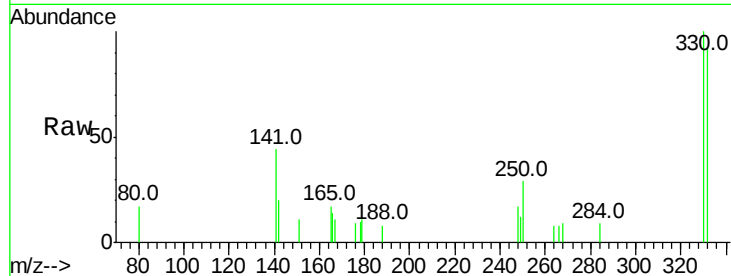
#14
 2,4,6-Tribromophenol
 Concen: 0.457 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BE094968.D
 Acq: 9 Dec 2017 2:48

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-171205

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	152.7	229.1#
141	50.2	33.7	50.5

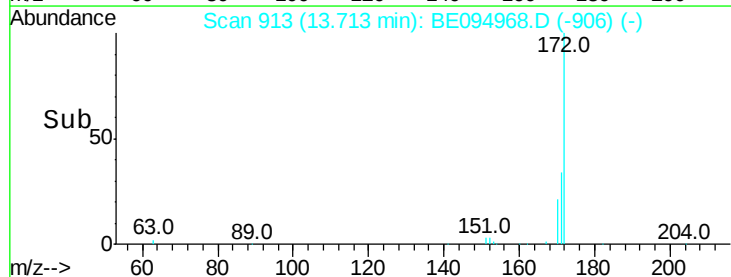
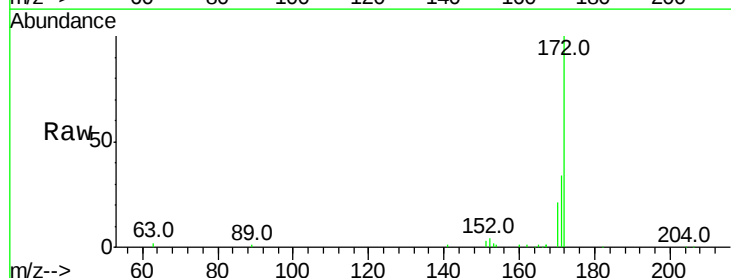
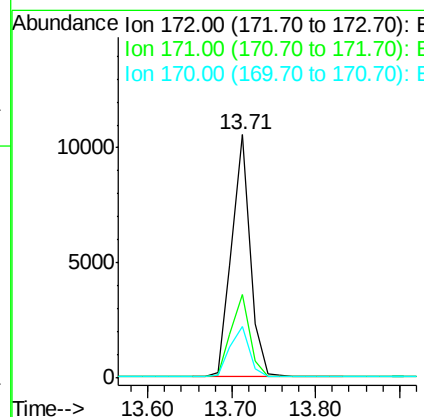
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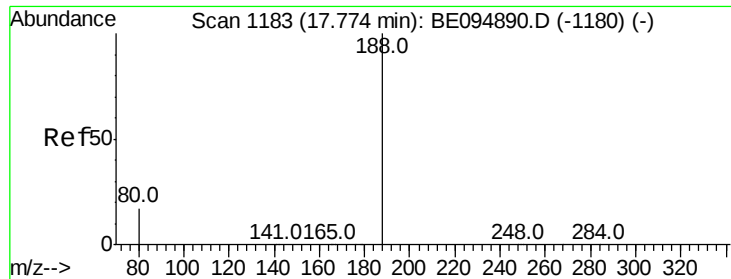
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#15
 2-Fluorobiphenyl
 Concen: 0.394 ng
 RT: 13.71 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BE094968.D
 Acq: 9 Dec 2017 2:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.9	44.9
170	21.4	21.8	32.8#





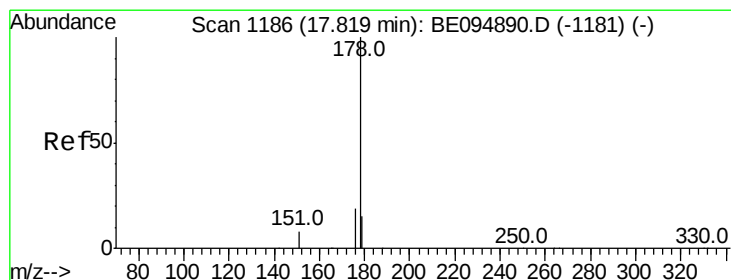
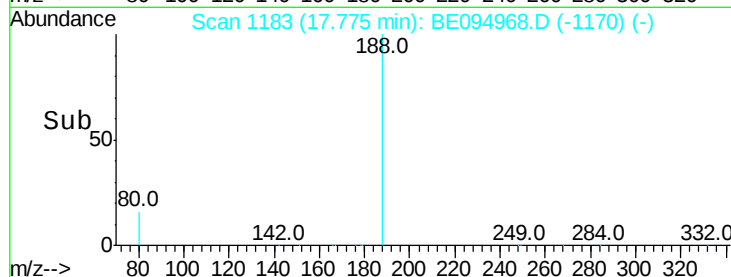
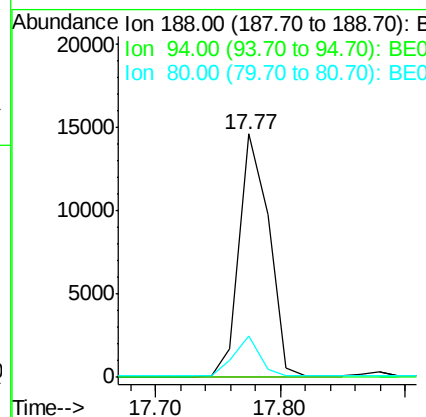
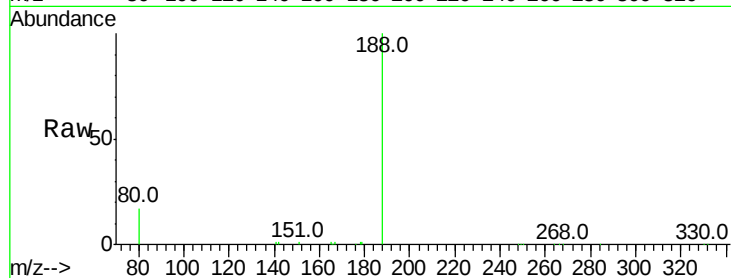
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171205

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.9	3.6	5.4#

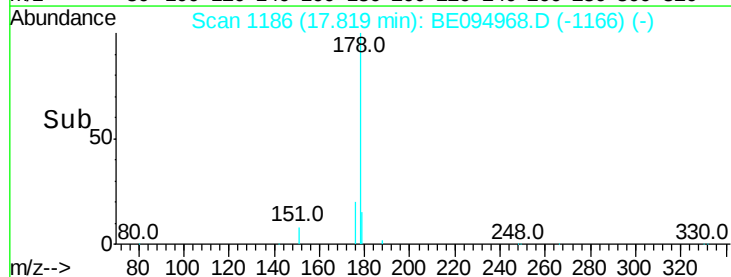
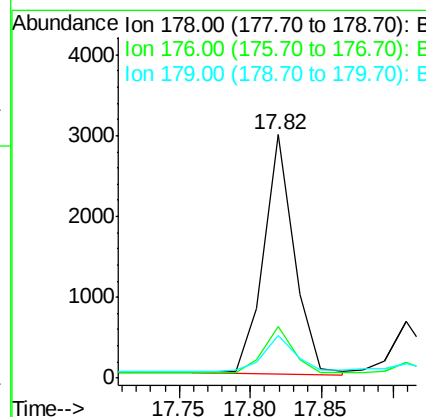
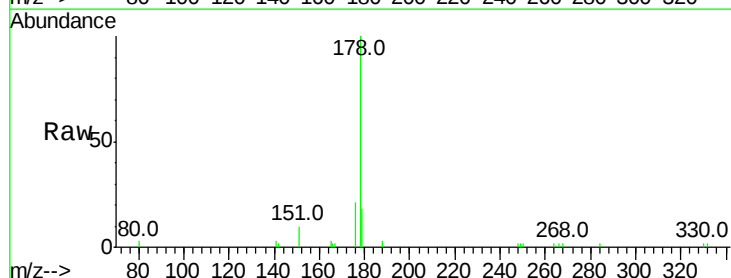
Manual Integrations
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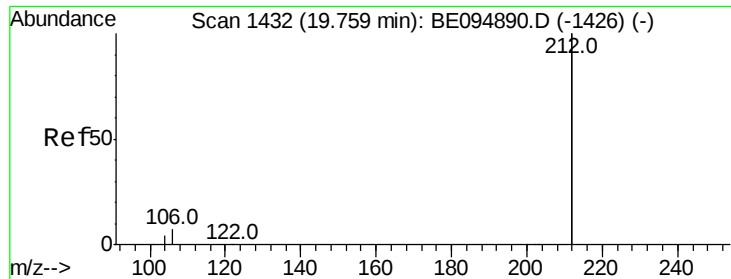
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#23
Phenanthrene
Concen: 0.058 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.4	15.1	22.7
179	18.2	11.8	17.6#





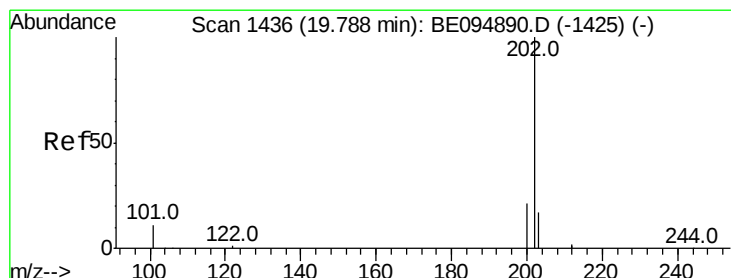
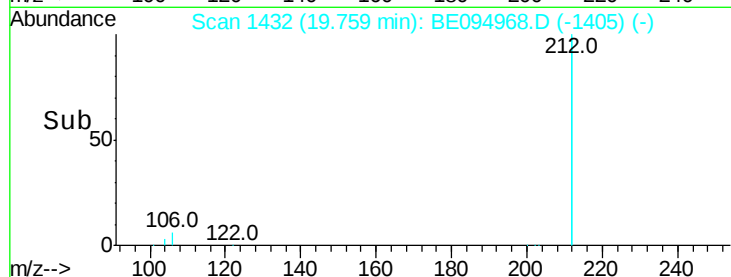
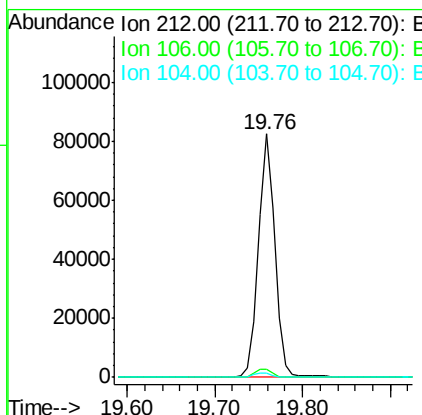
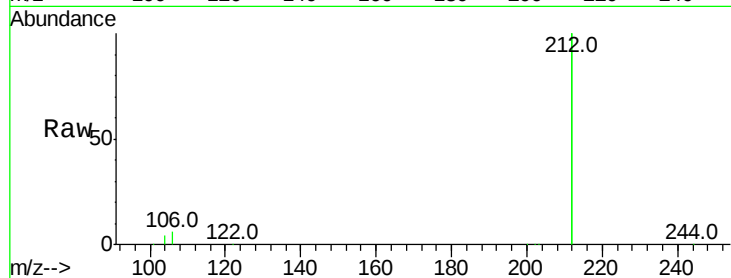
#25
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171205

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

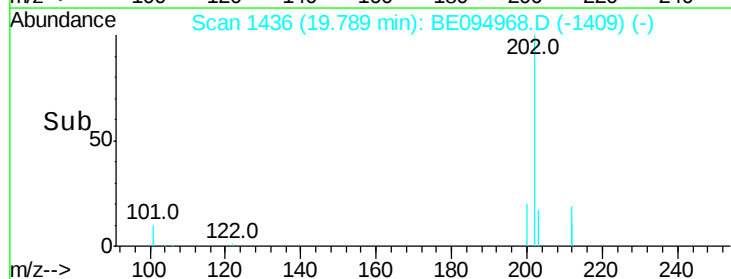
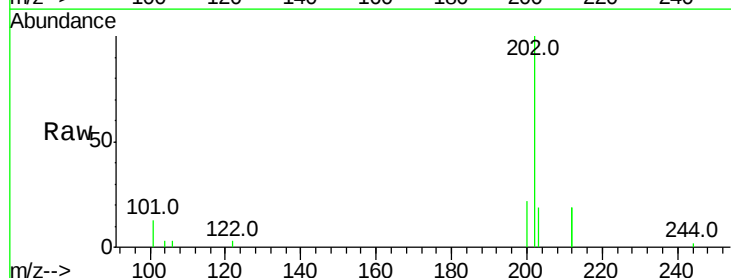
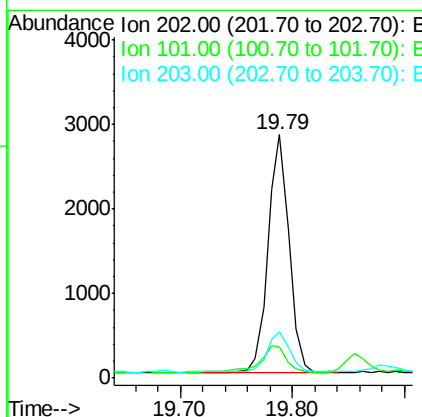
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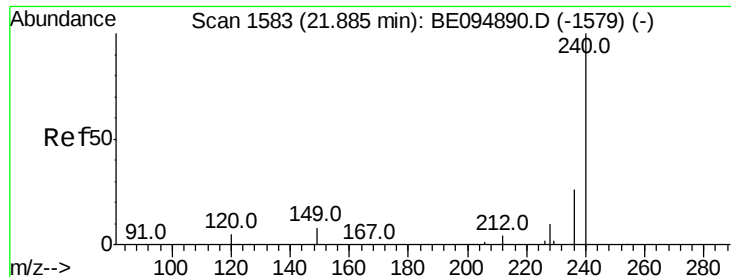
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#26
Fluoranthene
Concen: 0.038 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	14.5	9.8	14.8	
203	17.9	13.7	20.5	





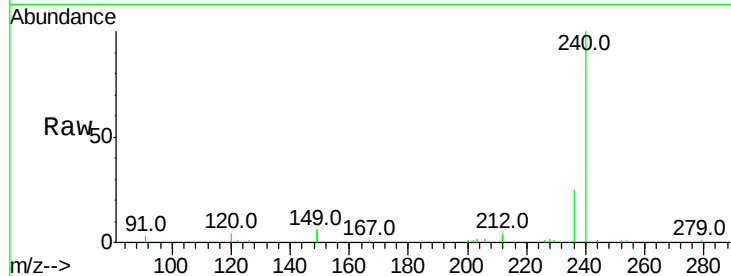
#27
Chrysene-d12
Concen: 0.400 ng/mL
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171205

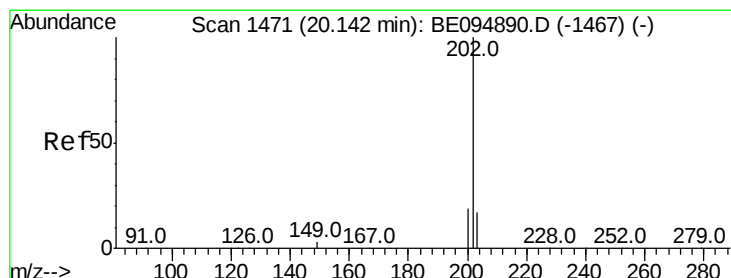
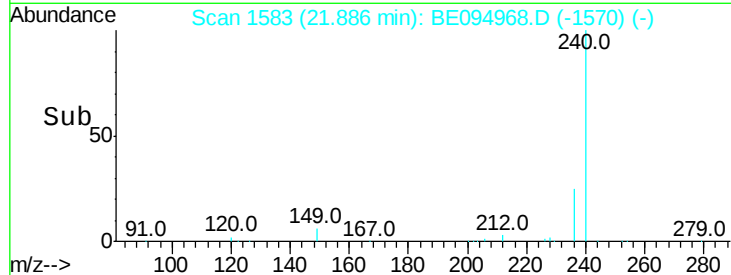
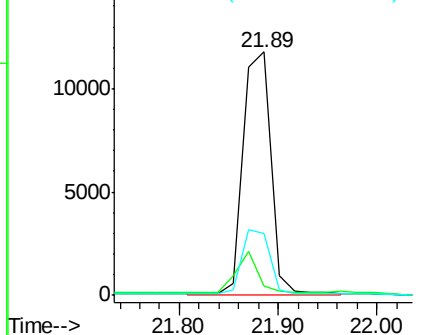
Tot Ion	Ratio	Lower	Upper
240	100		
120	3.7	5.5	8.3#
236	25.3	20.7	31.1

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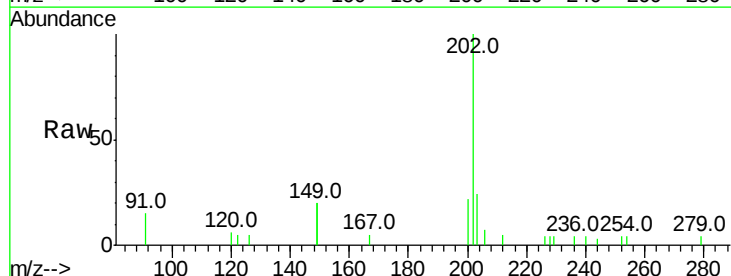


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

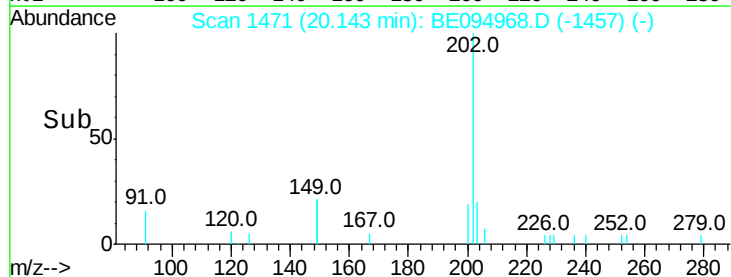
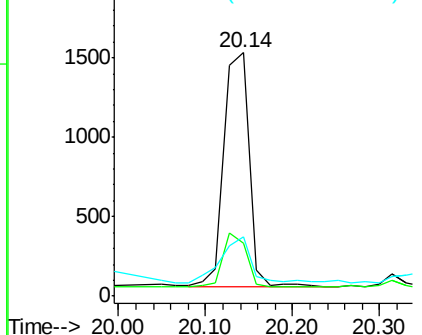


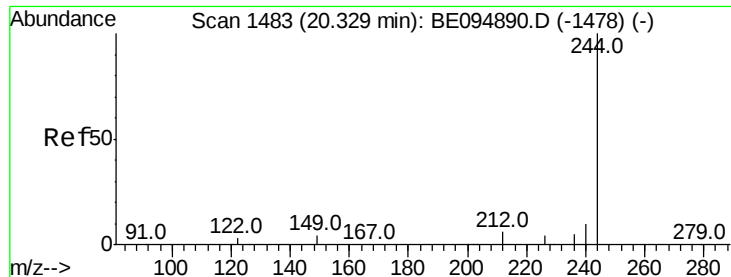
#28
Pyrene
Concen: 0.037 ng/mL
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	22.8	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: 0.494 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Instrument :

BNA_E

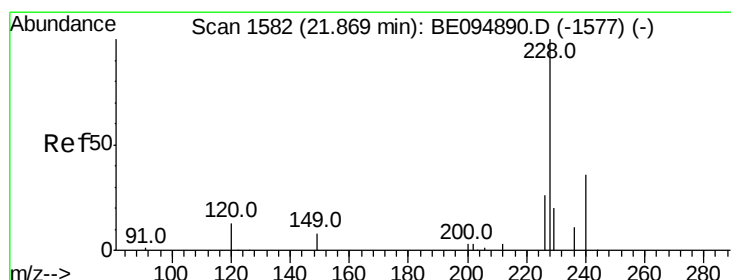
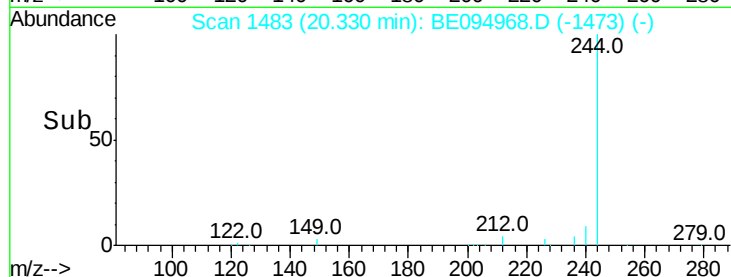
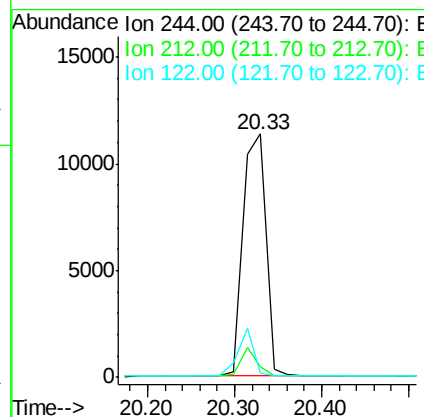
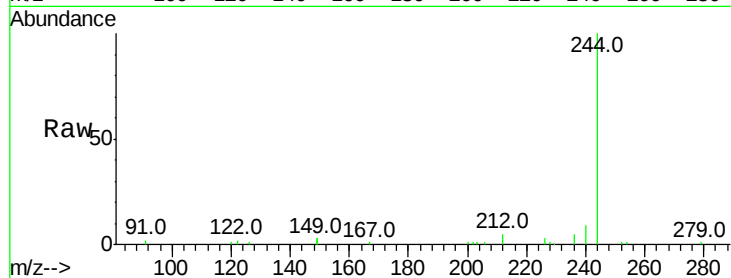
ClientSampleId :

OUTFALL001-171205

Tot Ion:	244	Resp:	20909
Ion Ratio	Lower	Upper	
244	100		
212	4.6	25.4	38.0#
122	1.9	8.1	12.1#

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#30

Benzo(a)anthracene

Concen: 0.049 ng

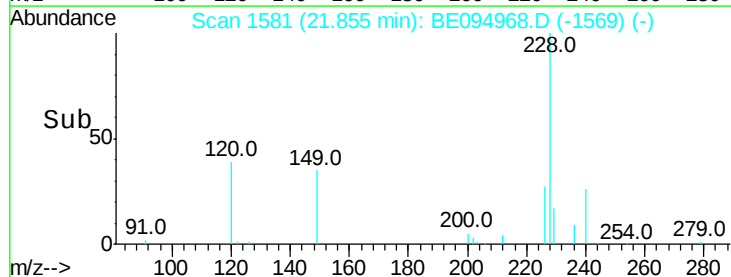
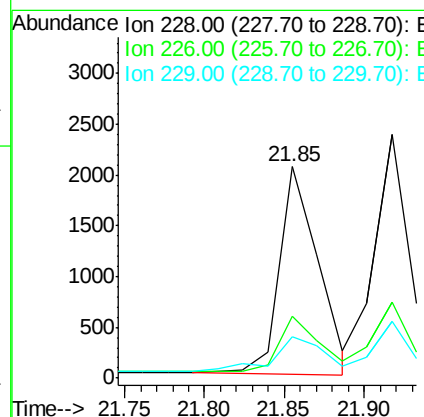
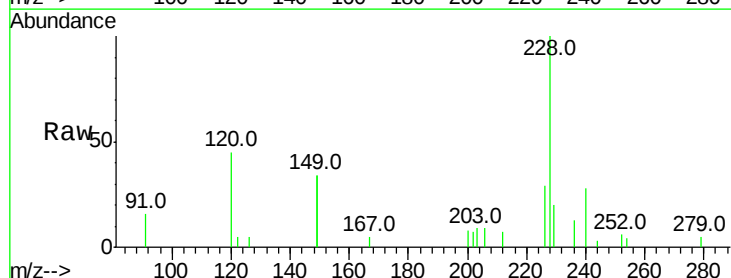
RT: 21.85 min Scan# 1581

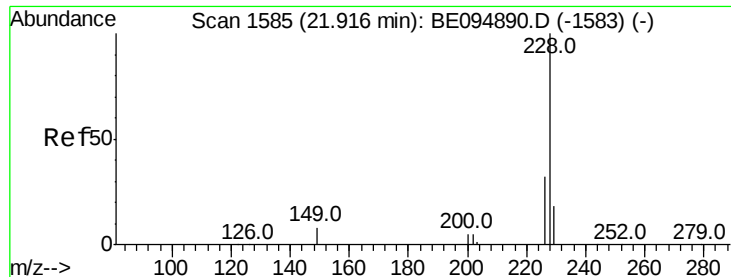
Delta R.T. -0.01 min

Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Tgt Ion:	228	Resp:	3450
Ion Ratio	Lower	Upper	
228	100		
226	29.1	40.0	60.0#
229	19.9	40.0	60.0#





#31

Chrysene

Concen: 0.047 ng/mL

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Instrument :

BNA_E

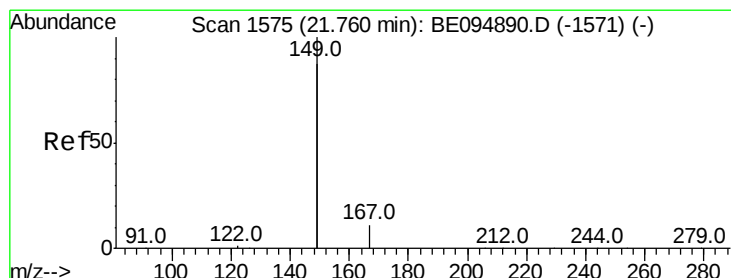
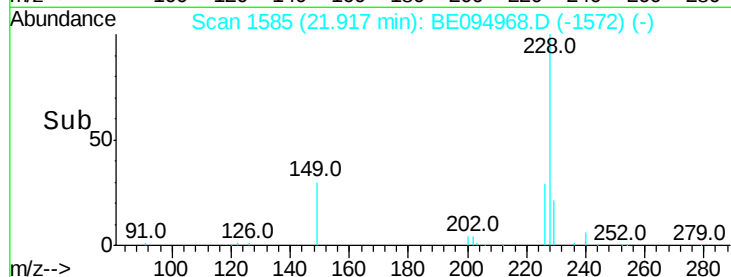
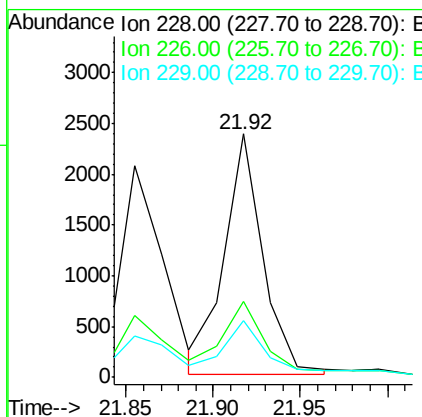
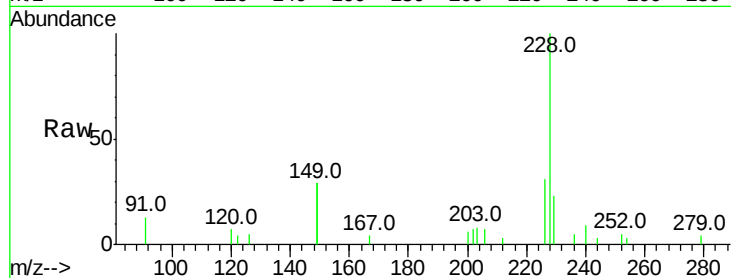
ClientSampleId :

OUTFALL001-171205

Tot Ion:	228	Resp:	3684
Ion	Ratio	Lower	Upper
228	100		
226	31.1	40.0	60.0#
229	23.3	40.0	60.0#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.058 ng/mL

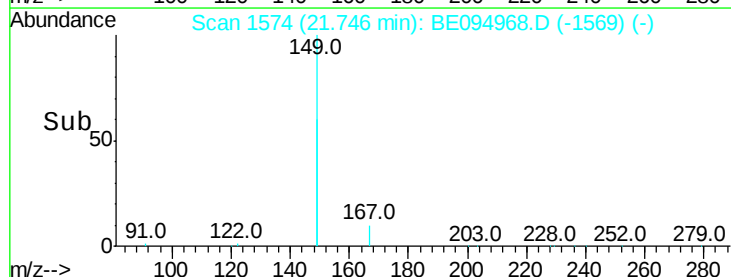
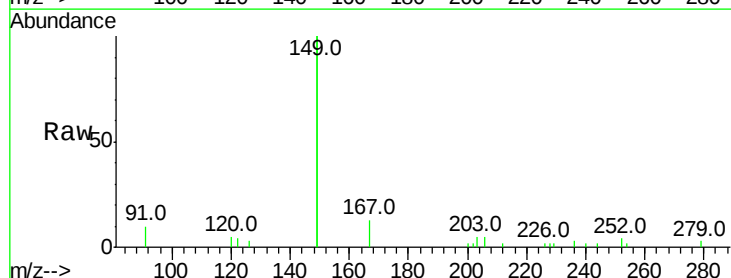
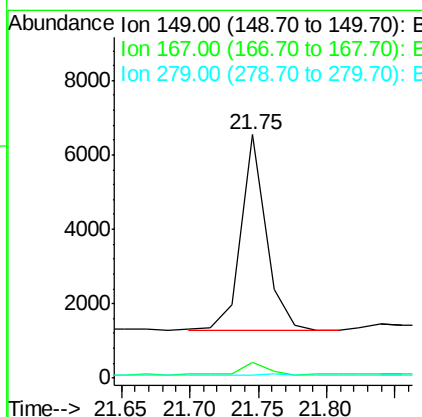
RT: 21.75 min Scan# 1574

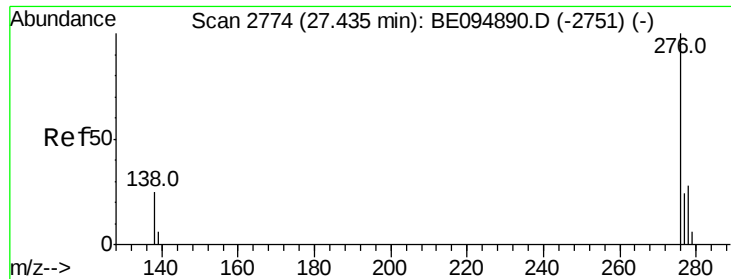
Delta R.T. -0.01 min

Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Tgt Ion:	149	Resp:	6738
Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.4	8.0
279	1.0	0.7	1.1





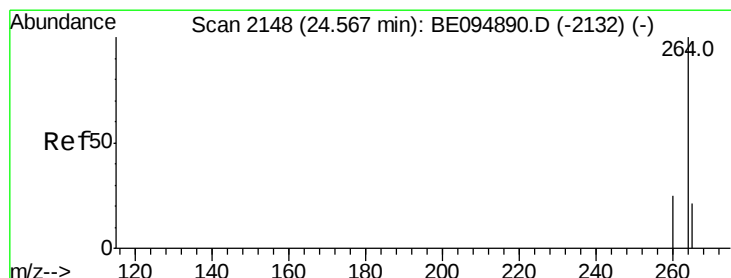
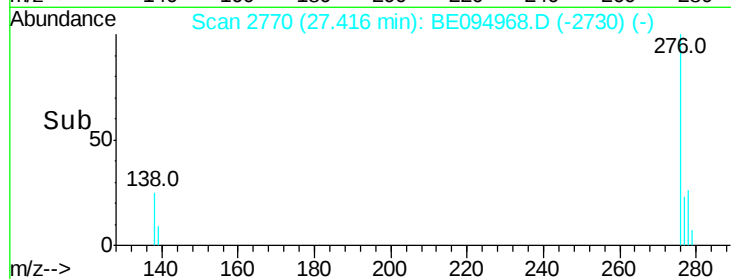
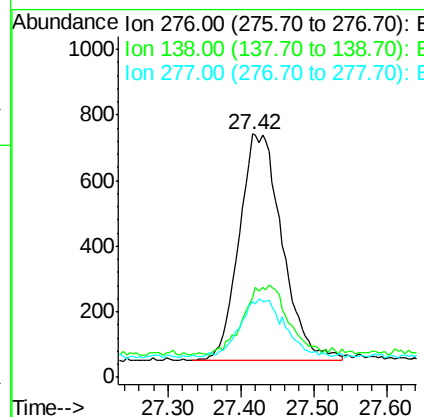
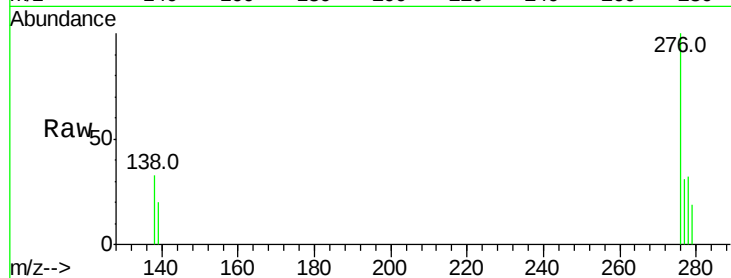
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng
RT: 27.42 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171205

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	26.7	19.9	29.9

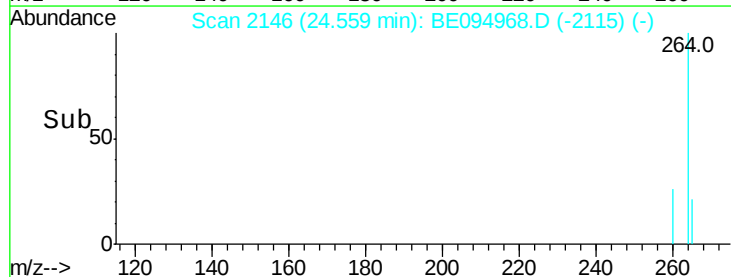
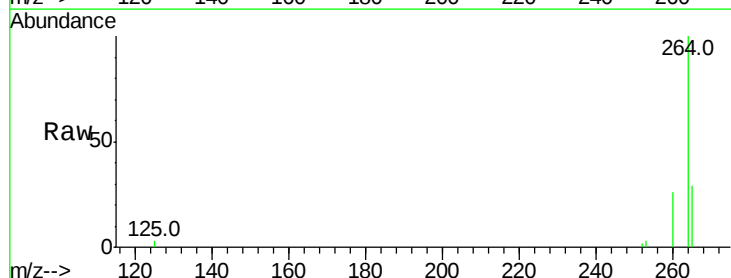
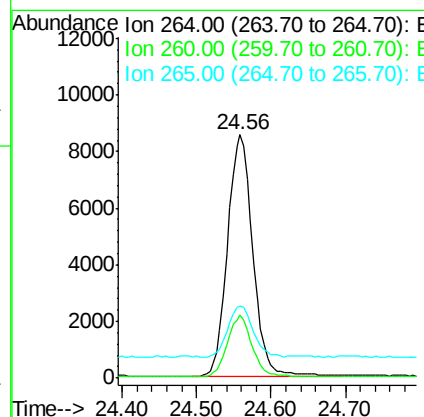
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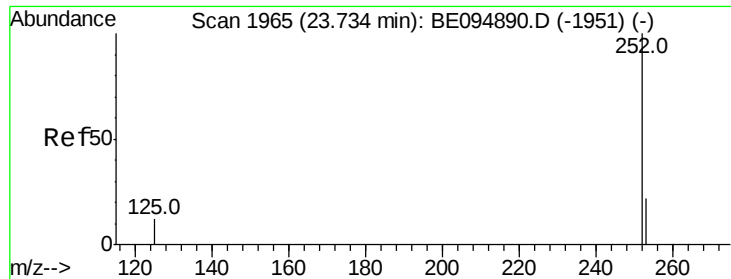
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#34
Perylene-d12
Concen: 0.400 ng
RT: 24.56 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	29.4	22.8	34.2





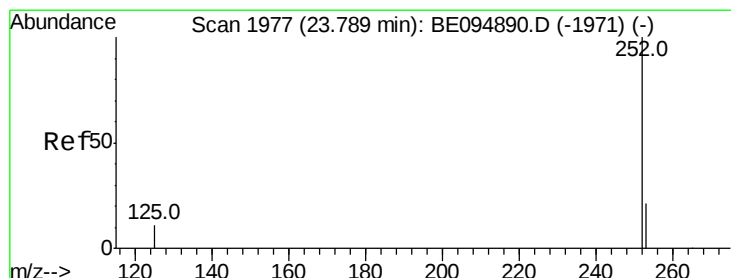
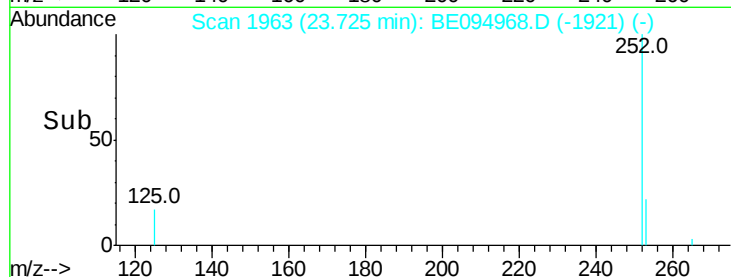
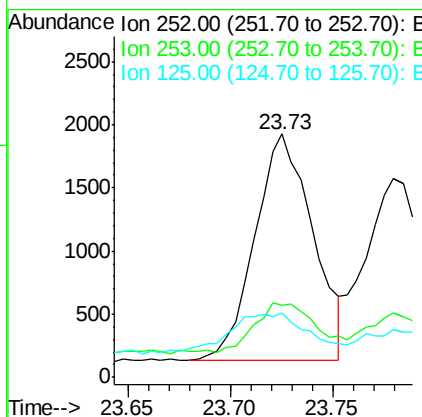
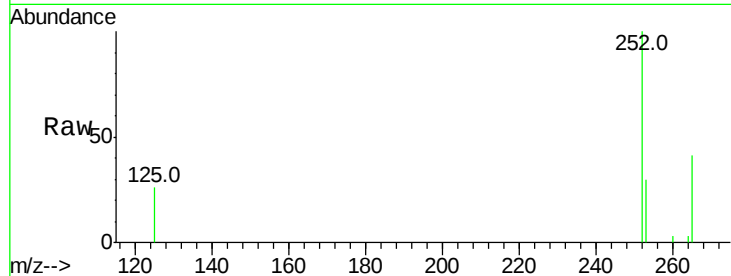
#35
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 23.73 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171205

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	48.0	72.0#
125	26.3	56.0	84.0#

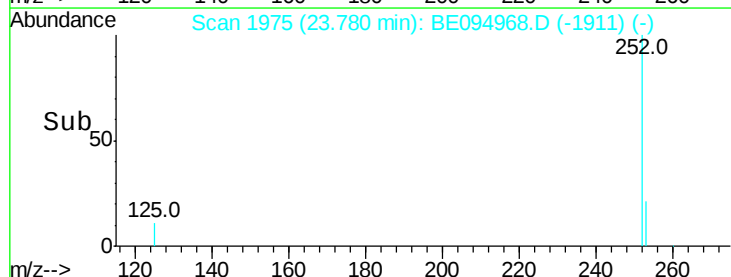
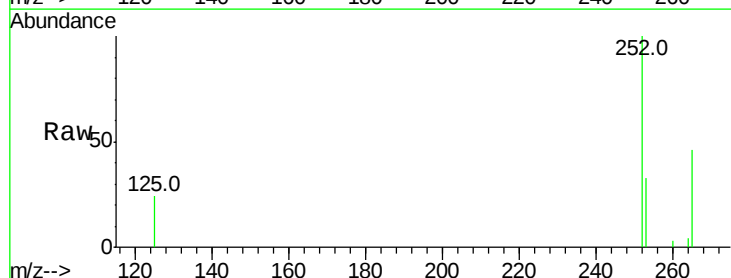
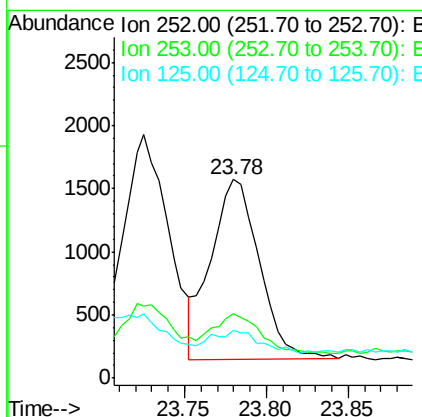
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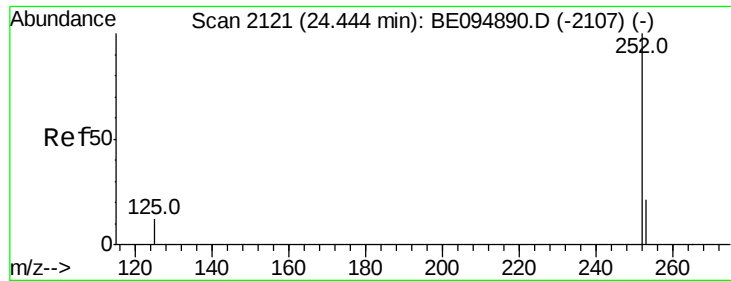
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#36
Benzo(k)fluoranthene
Concen: 0.039 ng
RT: 23.78 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.8	48.0	72.0#
125	24.0	56.0	84.0#





#37

Benzo(a)pyrene

Concen: 0.043 ng

RT: 24.44 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Instrument :

BNA_E

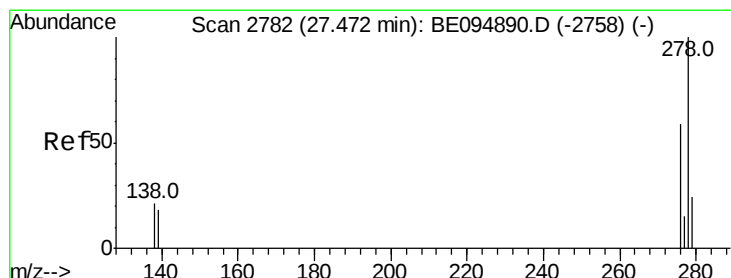
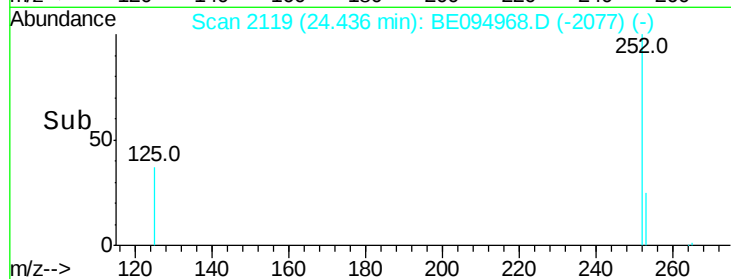
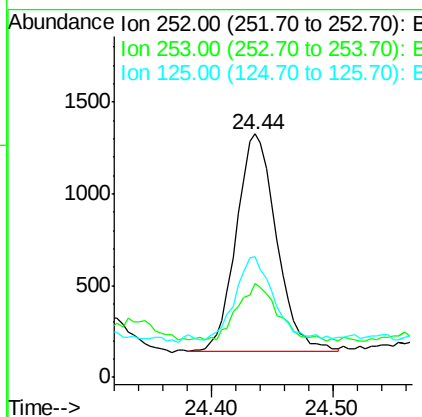
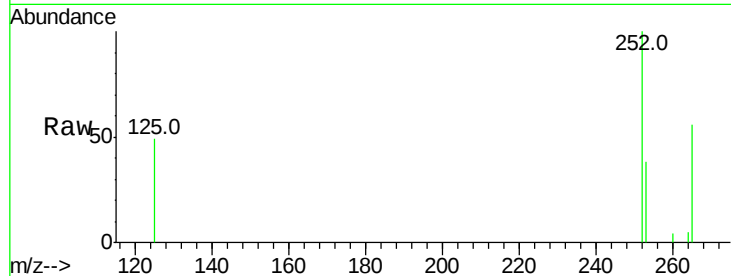
ClientSampleId :

OUTFALL001-171205

Tot Ion:	252	Resp:	2731
Ion Ratio	Lower	Upper	
252	100		
253	38.3	52.0	78.0#
125	49.5	68.0	102.0#

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#38

Dibenzo(a,h)anthracene

Concen: 0.038 ng

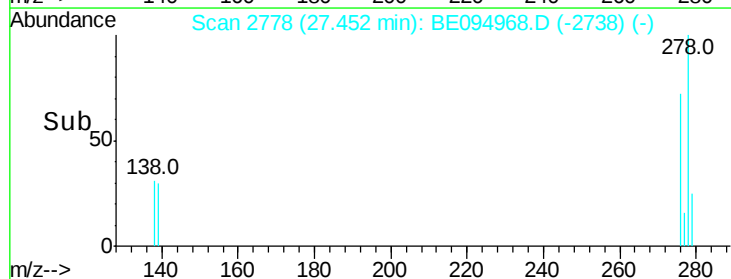
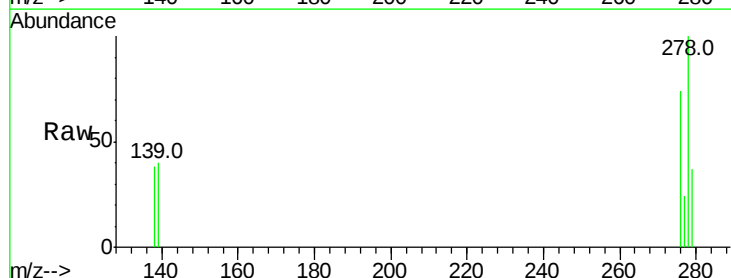
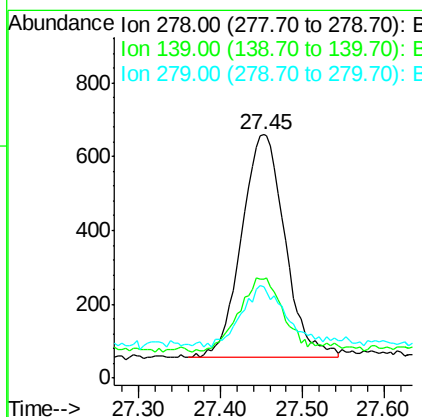
RT: 27.45 min Scan# 2778

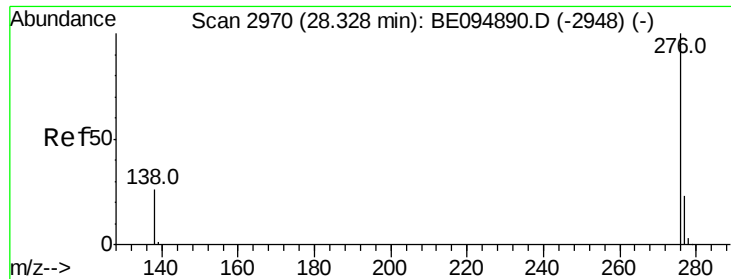
Delta R.T. -0.02 min

Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Tgt Ion:	278	Resp:	2238
Ion Ratio	Lower	Upper	
278	100		
139	40.5	56.0	84.0#
279	37.3	52.0	78.0#





#39

Benzo(a,h,i)perylene

Concen: 0.042 ng

RT: 28.31 min Scan# 2966

Delta R.T. -0.02 min

Lab File: BE094968.D

Acq: 9 Dec 2017 2:48

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-171205

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.9	52.0	78.0#
138	31.3	44.0	66.0#

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