

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098357.D
 Acq On : 12 Dec 2018 6:38
 Operator : SJ/JU
 Sample : J6314-24
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-EB02-20181207

Manual Integrations
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 12/12/2018 5:28:38 PM

Quant Time: Dec 12 07:34:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1073	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4836	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3184	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8319	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9633	0.40	ng	0.00
34) Perylene-d12	24.01	264	9360	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	467	0.19	ng	0.00
5) Phenol-d6	7.06	99	325	0.09	ng	0.00
8) Nitrobenzene-d5	9.03	82	1702	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3230	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	186	0.16	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	6301	0.47	ng	0.00
25) Fluoranthene-d10	19.31	212	47439	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	14222	0.61	ng	0.00

Target Compounds				Qvalue		
23) Phenanthrene	17.33	178	461m	0.023	ng	
24) Anthracene	17.42	178	368	0.020	ng	# 93
26) Fluoranthene	19.34	202	805	0.030	ng	# 95
28) Pyrene	19.71	202	746	0.025	ng	97
30) Benzo(a)anthracene	21.45	228	833	0.030	ng	# 80
31) Chrysene	21.50	228	933	0.032	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.37	149	5009	0.090	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.71	276	1098	0.038	ng	# 75
36) Benzo(k)fluoranthene	23.29	252	888	0.030	ng	# 56
38) Dibenzo(a,h)anthracene	26.73	278	784	0.032	ng	# 50
39) Benzo(a,h,i)perylene	27.54	276	1054m	0.042	ng	

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

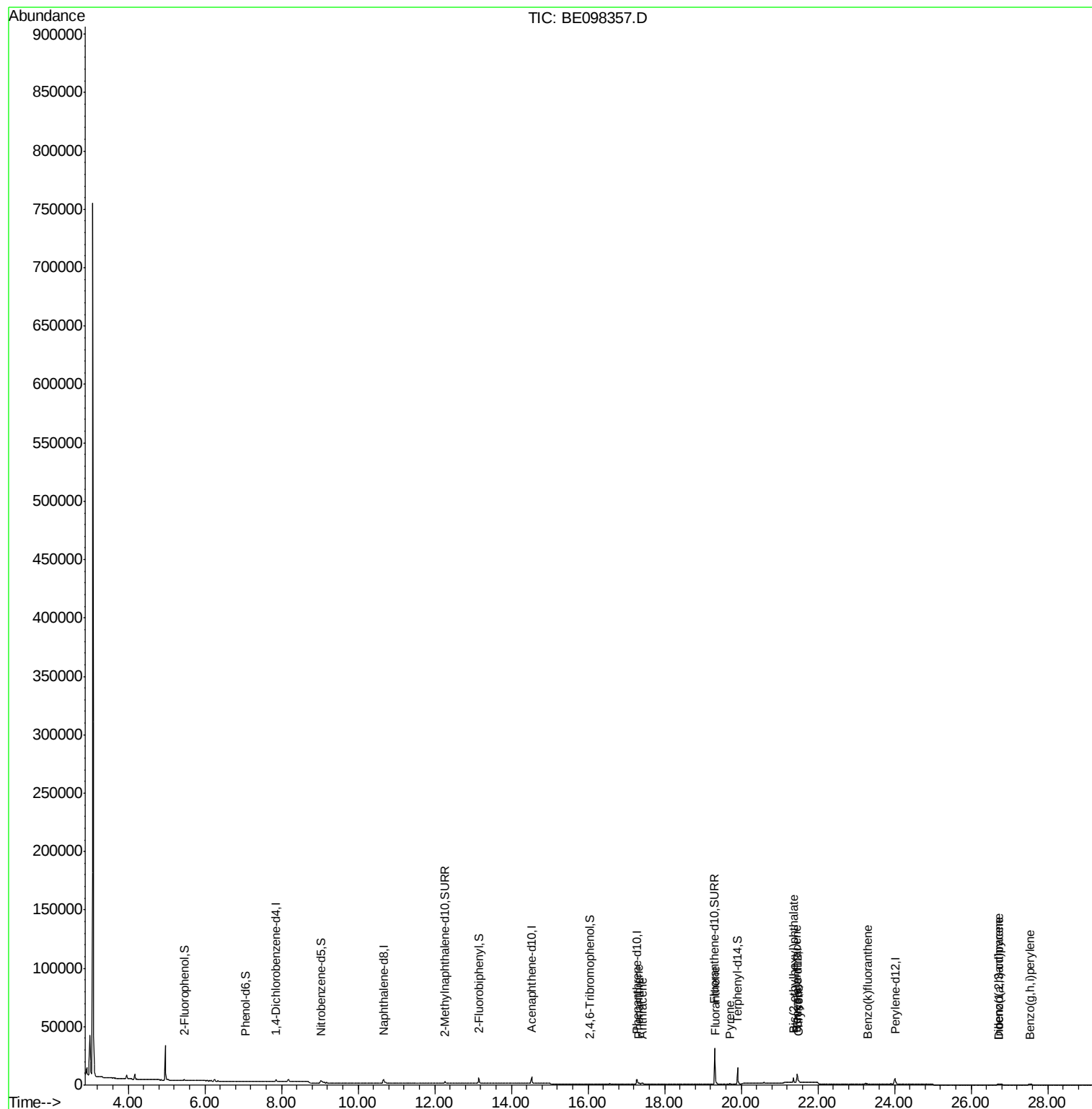
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
Data File : BE098357.D
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Sample : J6314-24
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ALS Vial : 23 Sample Multiplier: 1

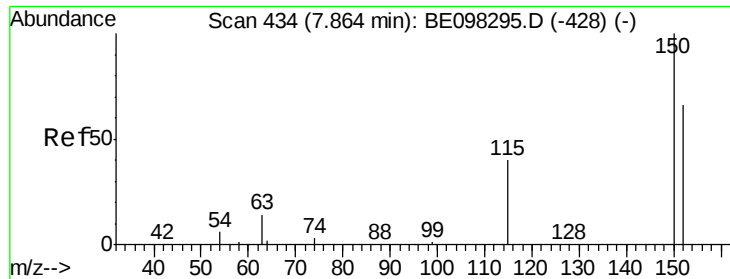
Instrument :
BNA_E
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BP-EB02-20181207

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Quant Time: Dec 12 07:34:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
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#1

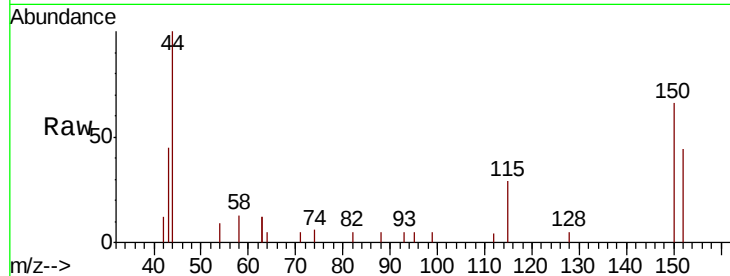
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :
BP-EB02-20181207

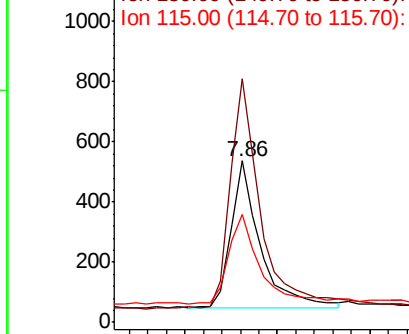
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.2	186.4
115	67.4	53.9	80.9

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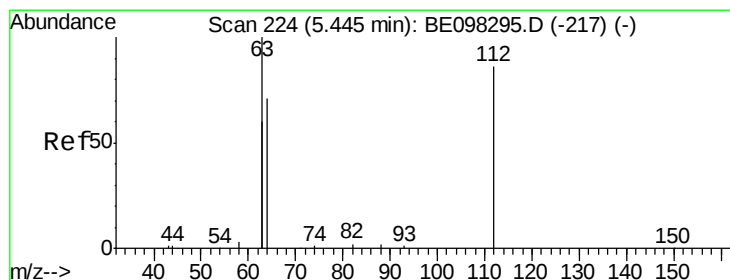
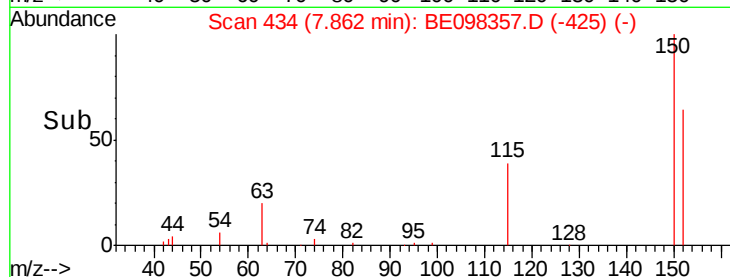
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



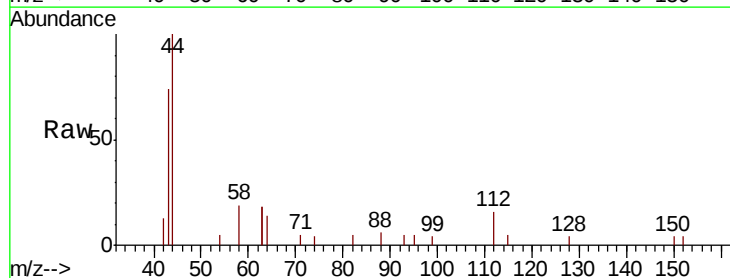
Time-->



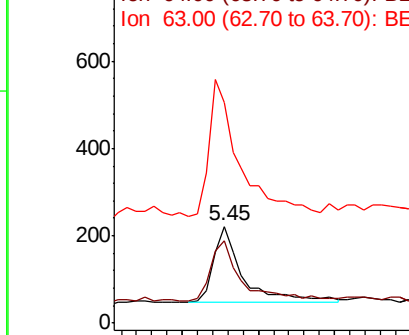
#4

2-Fluorophenol
Concen: 0.186 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

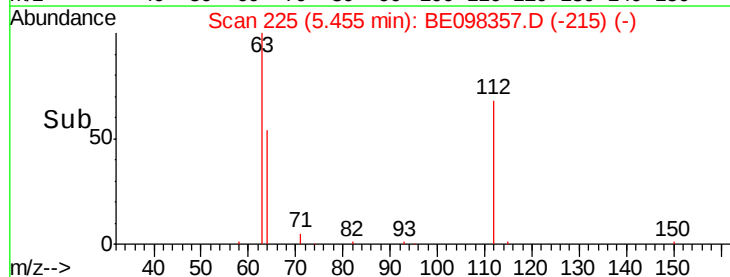
Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.0	59.8	89.8
63	187.4	133.7	200.5

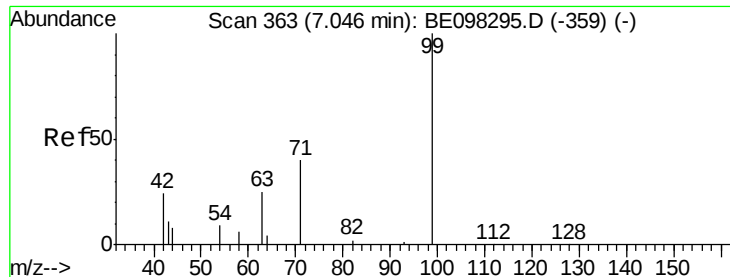


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.091 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098357.D

Acq: 12 Dec 2018 6:38

Instrument :

BNA_E

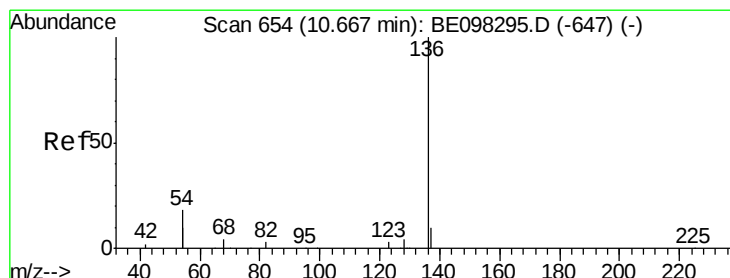
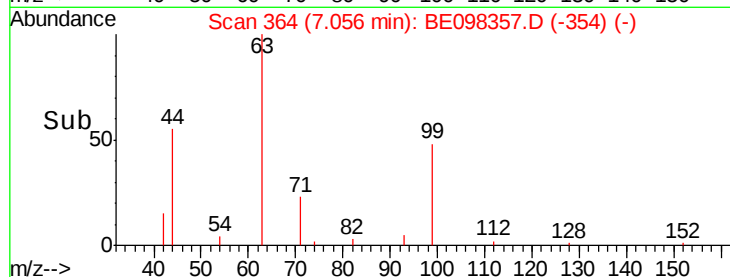
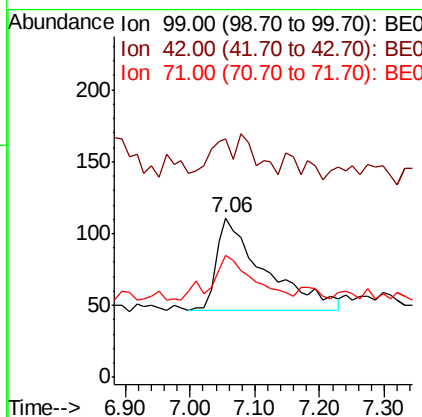
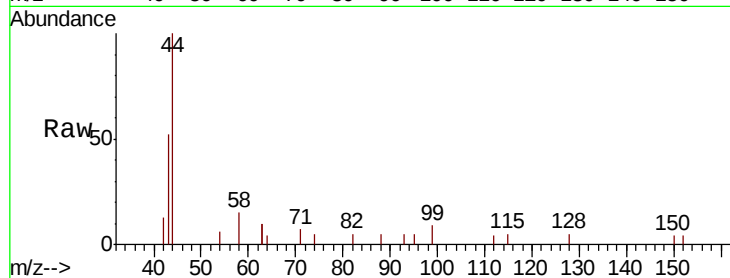
ClientSampleId :

BP-EB02-20181207

Tot Ion:	99	Resp:	325
Ion	Ratio	Lower	Upper
99	100		
42	16.9	26.3	39.5#
71	34.8	33.6	50.4

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#7

Naphthalene-d8

Concen: 0.400 ng

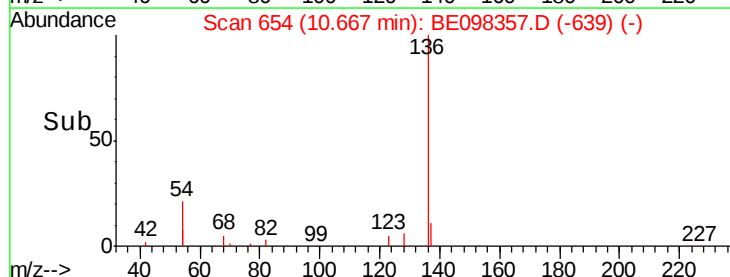
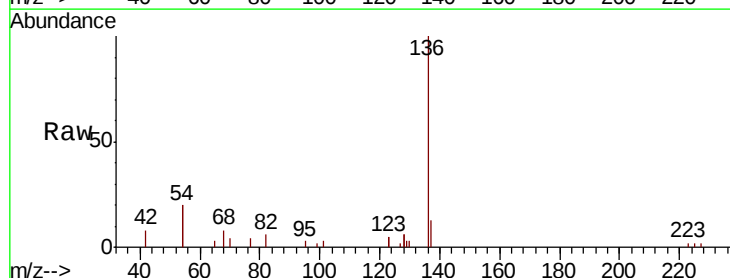
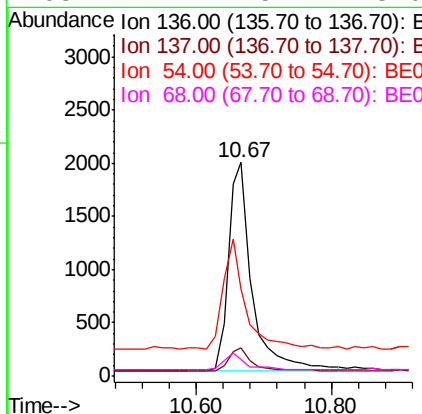
RT: 10.67 min Scan# 654

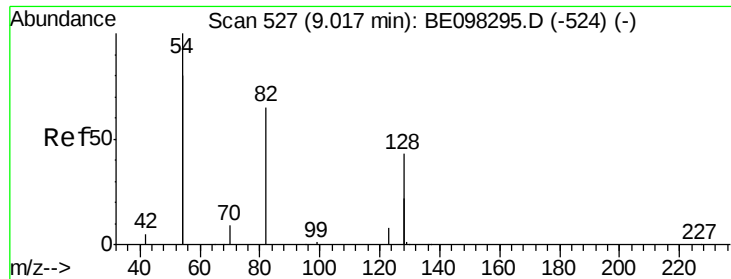
Delta R.T. 0.00 min

Lab File: BE098357.D

Acq: 12 Dec 2018 6:38

Tgt Ion:	136	Resp:	4836
Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.2	13.8
54	40.6	28.4	42.6
68	7.7	5.4	8.0





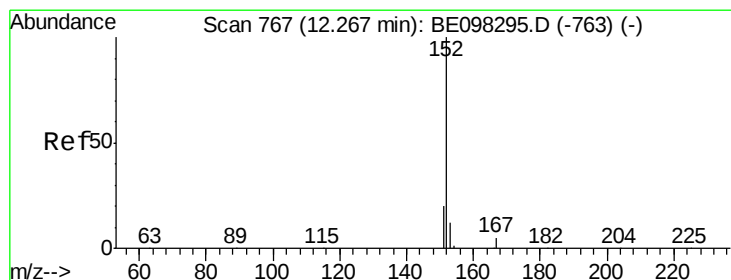
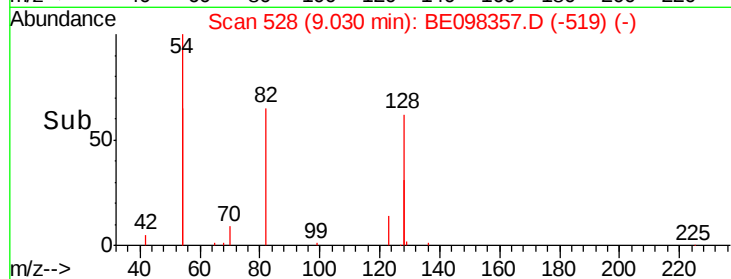
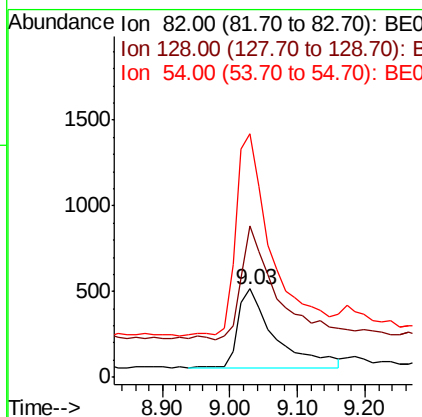
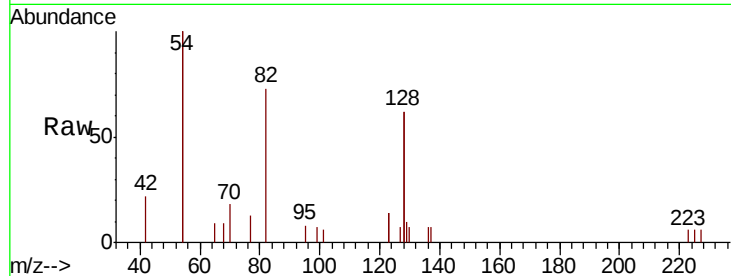
#8
 Nitrobenzene-d5
 Concen: 0.387 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098357.D
 Acq: 12 Dec 2018 6:38

Instrument :
 BNA_E
 ClientSampleId :
 BP-EB02-20181207

Tot Ion	82.00	Resp:	1702
Ion Ratio	Lower	Upper	
82	100		
128	171.3	102.4	153.6#
54	275.7	221.8	332.8

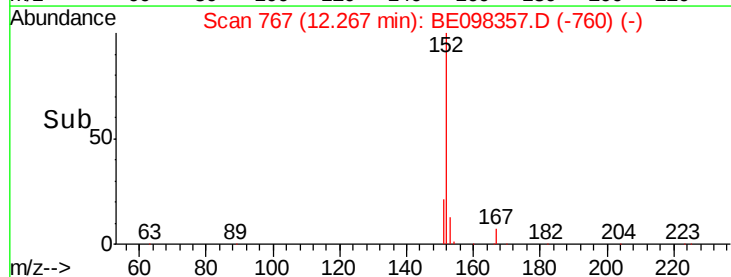
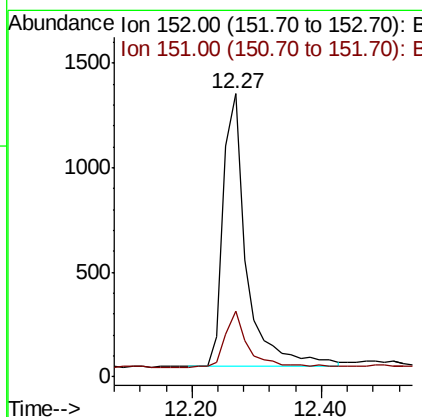
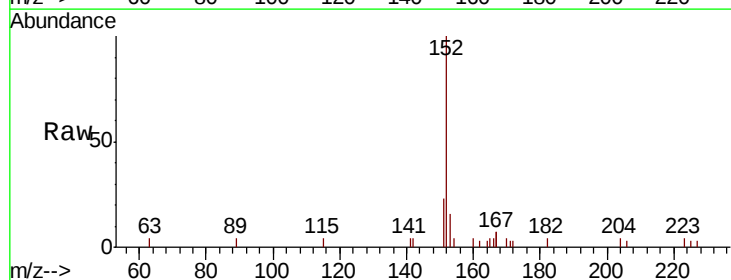
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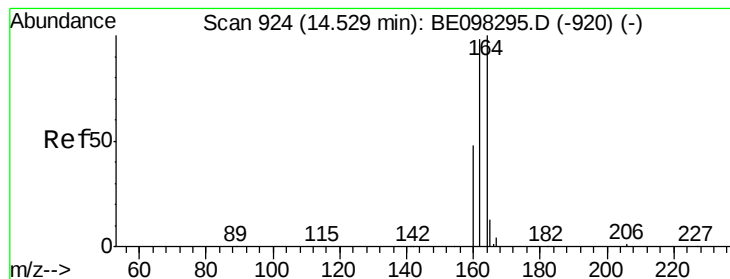
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#11
 2-Methylnaphthalene-d10
 Concen: 0.411 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098357.D
 Acq: 12 Dec 2018 6:38

Tgt Ion	152	Resp:	3230
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098357.D

Acq: 12 Dec 2018 6:38

Instrument :

BNA_E

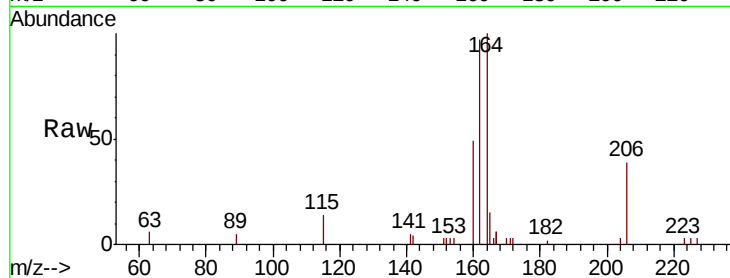
ClientSampleId :

BP-EB02-20181207

Tot Ion:	164	Resp:	3184
Ion Ratio	Lower	Upper	
164	100		
162	97.1	77.6	116.4
160	49.2	36.0	54.0

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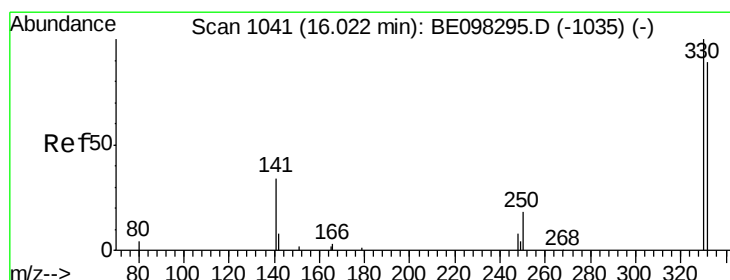
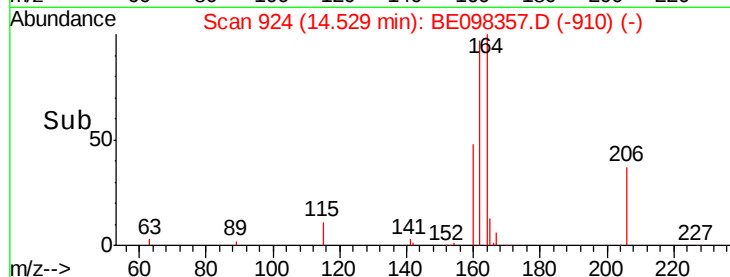
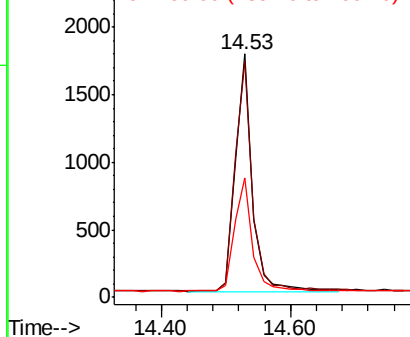


Abundance

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: 0.159 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098357.D

Acq: 12 Dec 2018 6:38

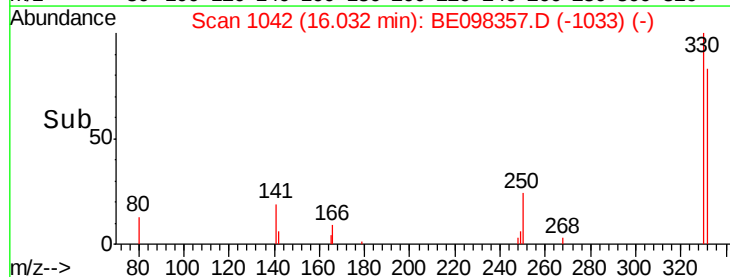
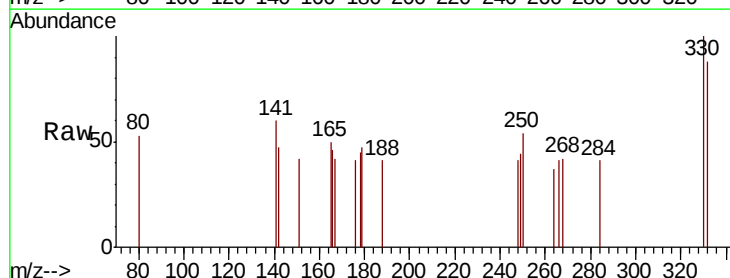
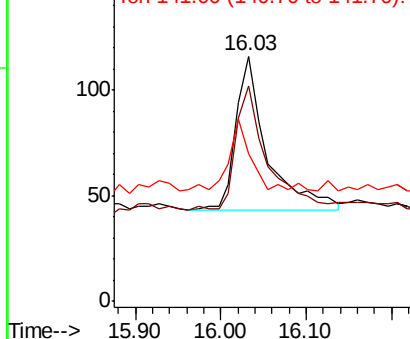
Tgt Ion:	330	Resp:	186
Ion Ratio	Lower	Upper	
330	100		
332	82.3	76.2	114.4
141	29.6	39.0	58.4#

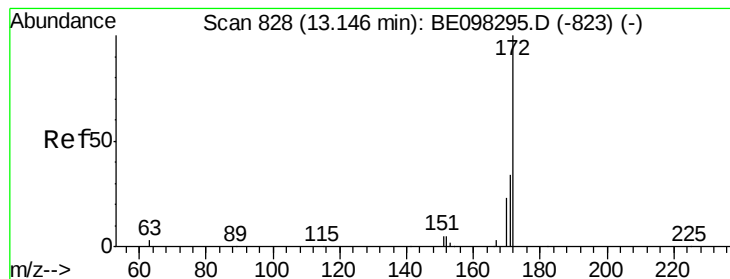
Abundance

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





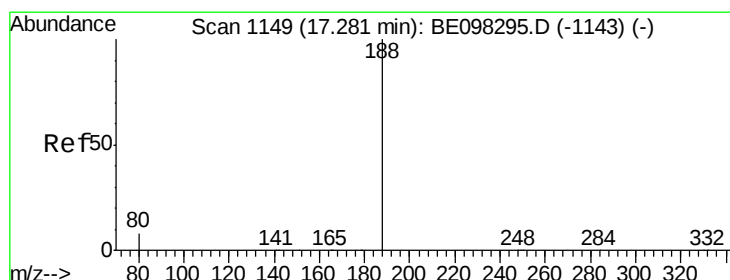
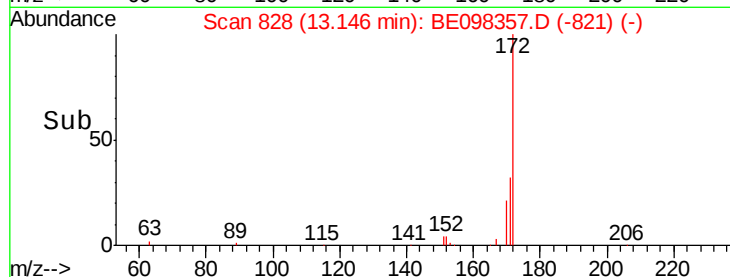
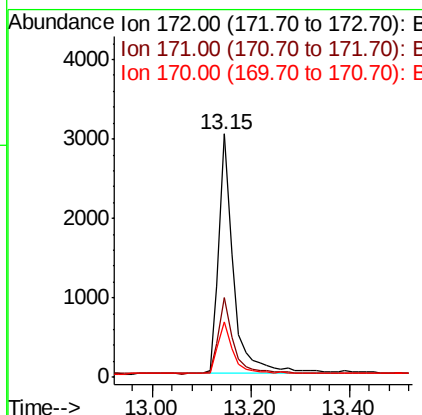
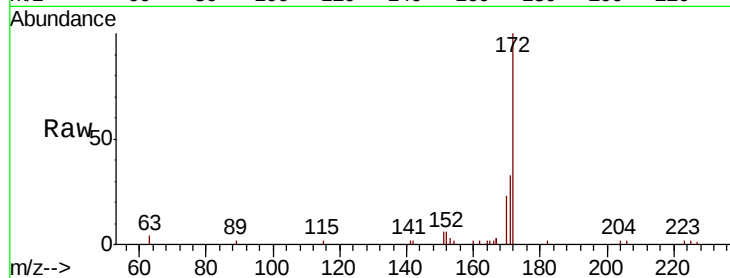
#15
2-Fluorobiphenyl
Concen: 0.469 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :
BP-EB02-20181207

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.5	41.3
170	22.6	19.6	29.4

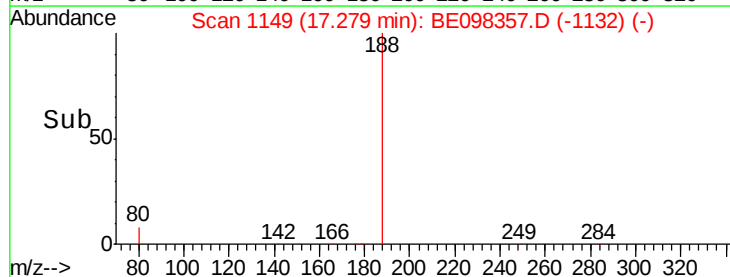
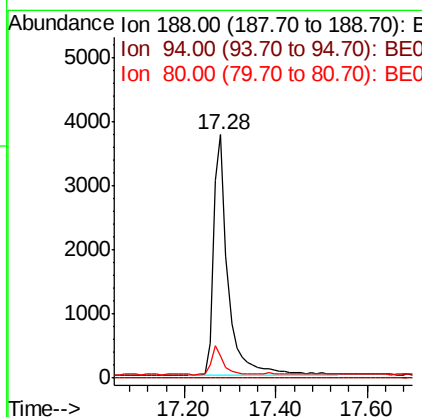
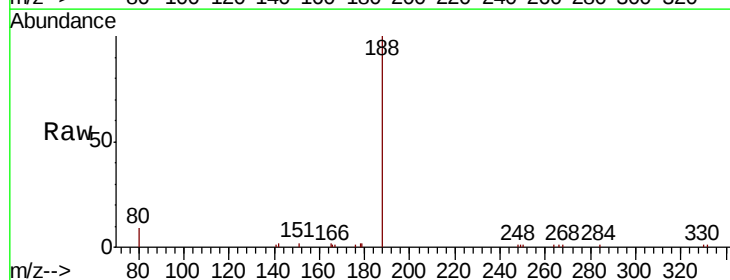
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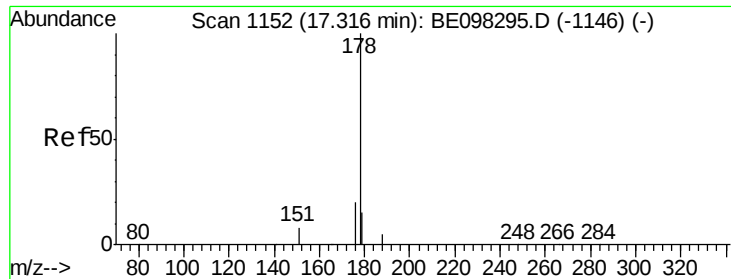
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.2	10.8





#23

Phenanthrene

Concen: 0.023 ng/mL

RT: 17.33 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BE098357.D

Acq: 12 Dec 2018 6:38

Instrument :

BNA_E

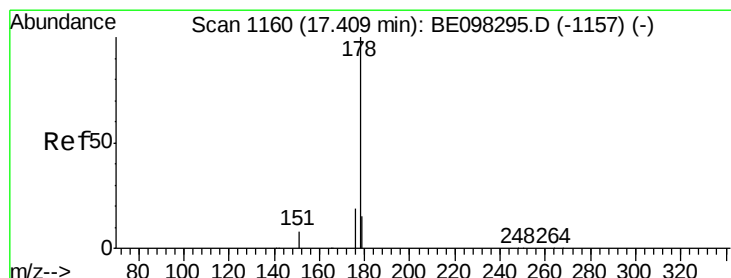
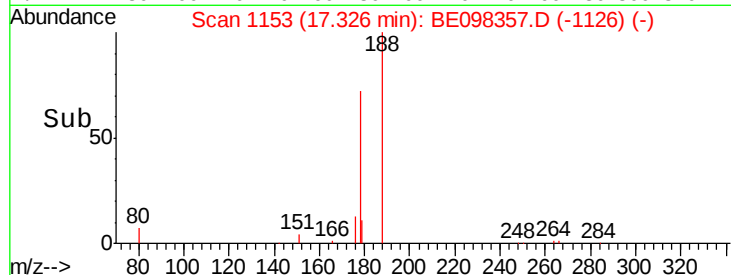
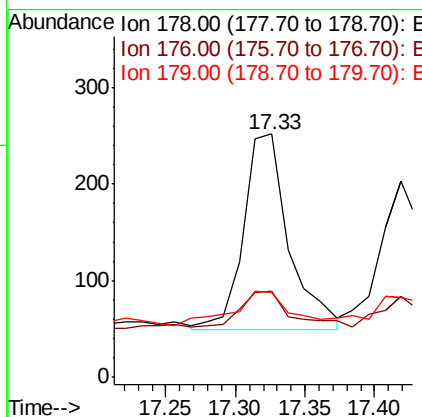
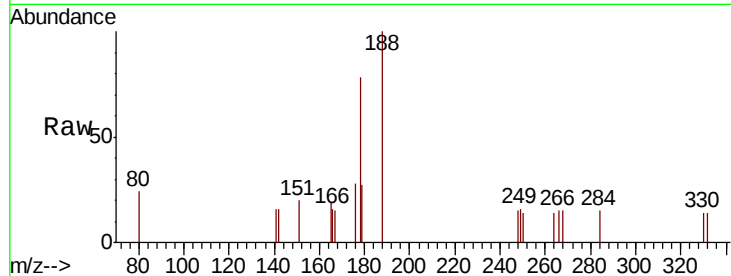
ClientSampleId :

BP-EB02-20181207

Tot Ion:	178	Resp:	461
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.9	23.9
179	16.5	12.3	18.5

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#24

Anthracene

Concen: 0.020 ng/mL

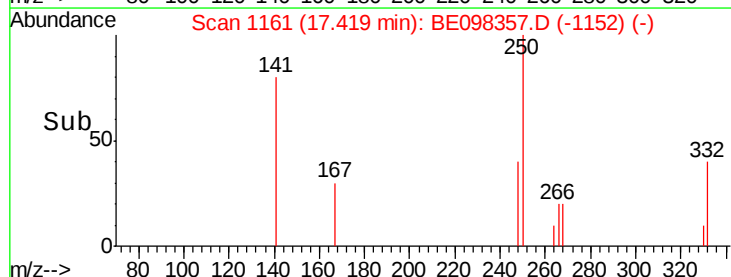
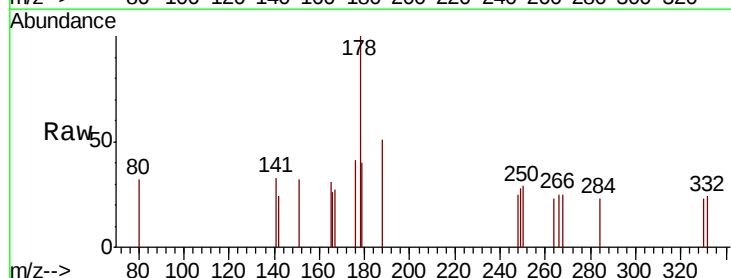
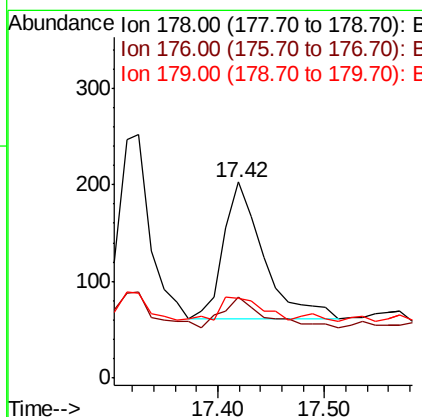
RT: 17.42 min Scan# 1161

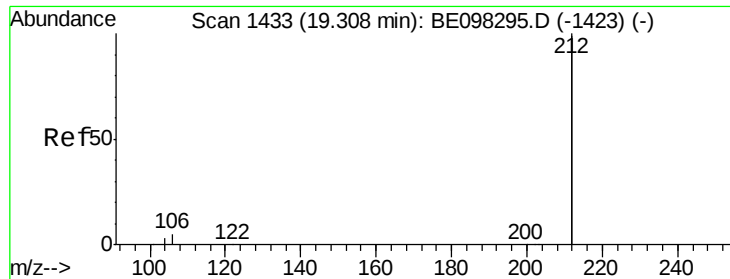
Delta R.T. 0.01 min

Lab File: BE098357.D

Acq: 12 Dec 2018 6:38

Tgt Ion:	178	Resp:	368
Ion Ratio	Lower	Upper	
178	100		
176	23.1	15.0	22.4#
179	16.8	12.3	18.5





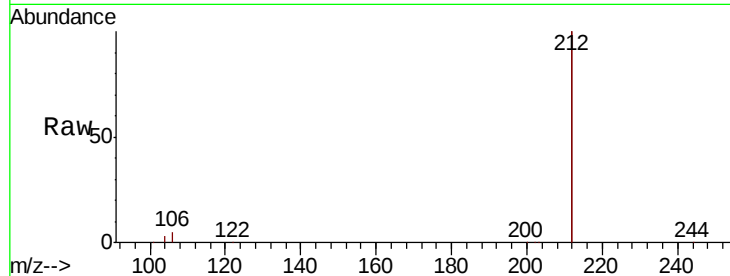
#25
 Fluoranthene-d10
 Concen: 0.445 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098357.D
 Acq: 12 Dec 2018 6:38

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 BP-EB02-20181207

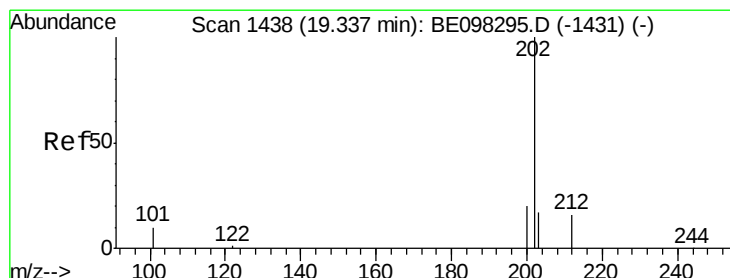
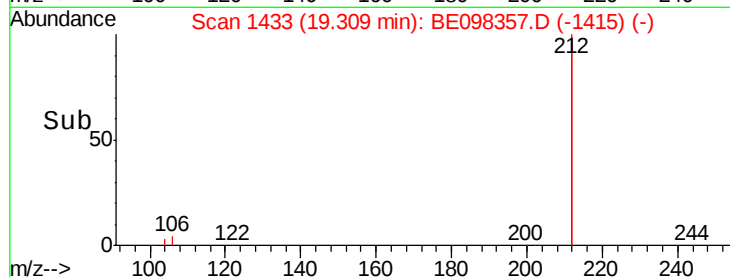
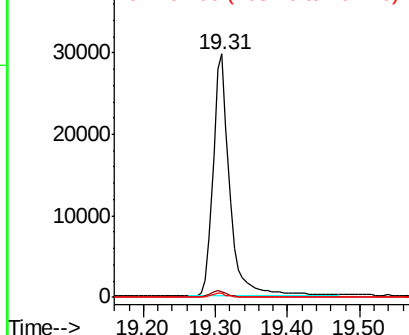
Tot Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.5	1.3	1.9

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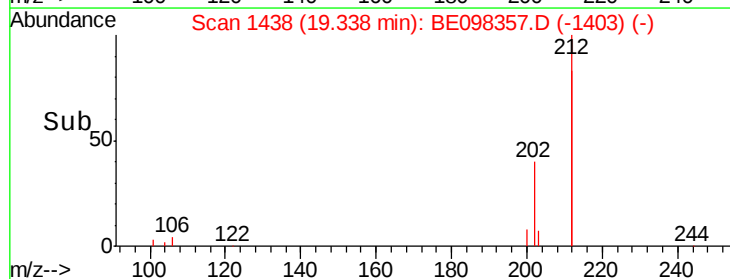
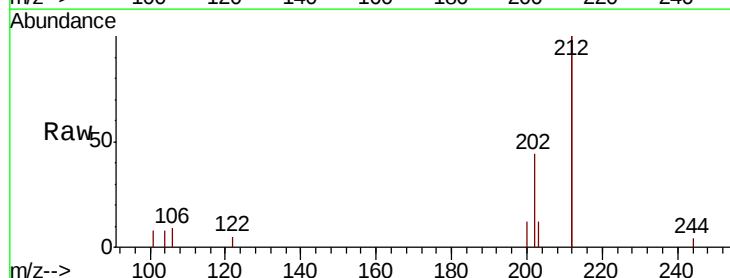
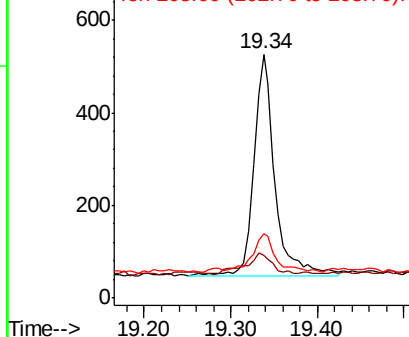
Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

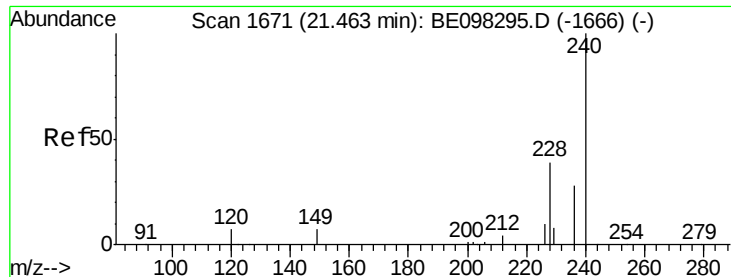


#26
 Fluoranthene
 Concen: 0.030 ng
 RT: 19.34 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BE098357.D
 Acq: 12 Dec 2018 6:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.0	12.0#
203	18.6	13.8	20.6

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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098357.D

Acq: 12 Dec 2018 6:38

Instrument :

BNA_E

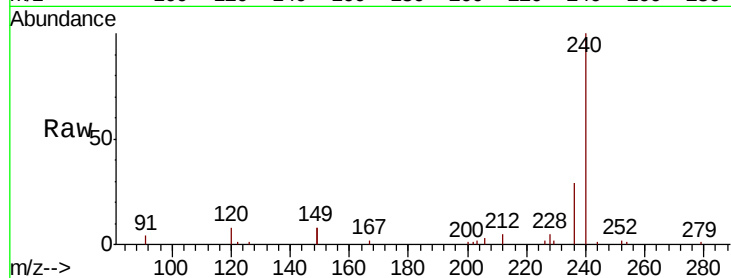
ClientSampleId :

BP-EB02-20181207

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	28.7	22.7	34.1

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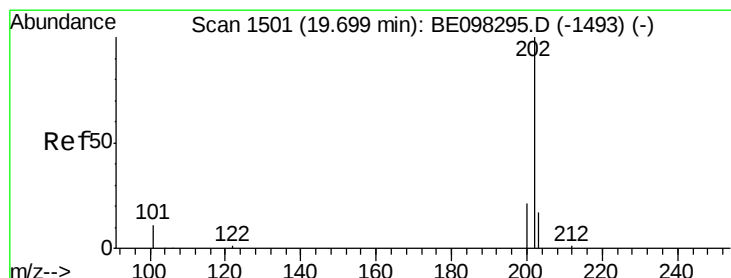
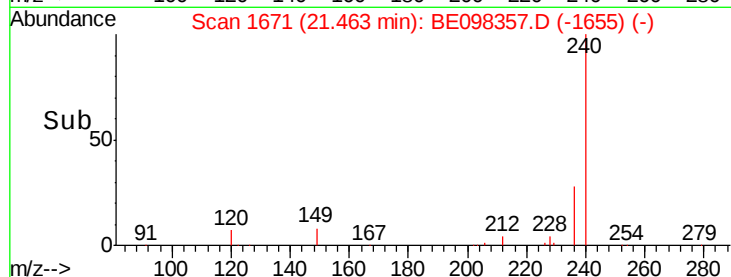
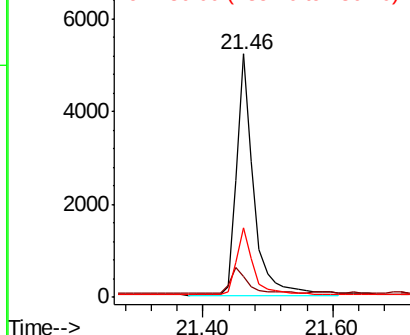


Abundance

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: 0.025 ng

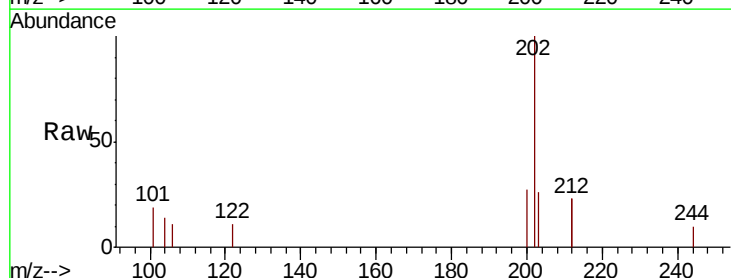
RT: 19.71 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BE098357.D

Acq: 12 Dec 2018 6:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.7	25.1
203	18.6	14.1	21.1

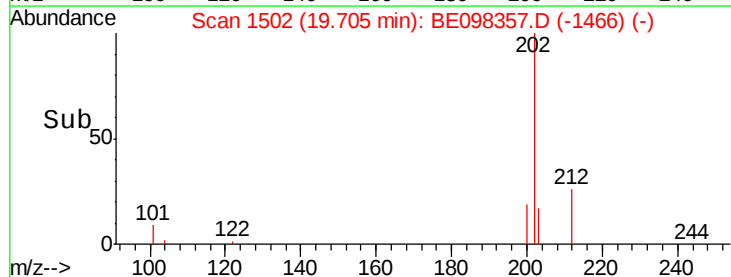
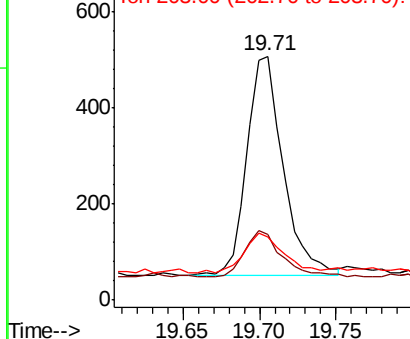


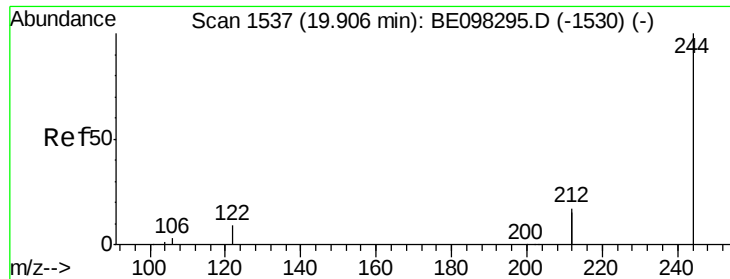
Abundance

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





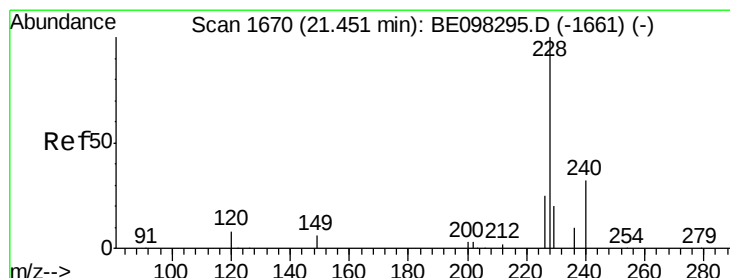
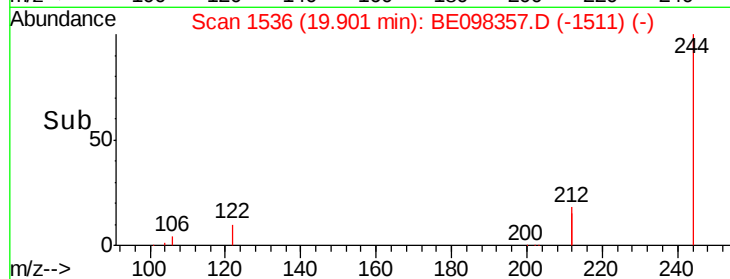
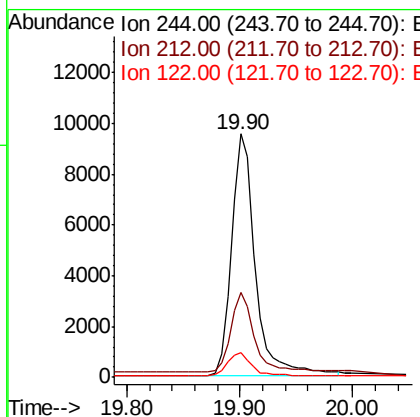
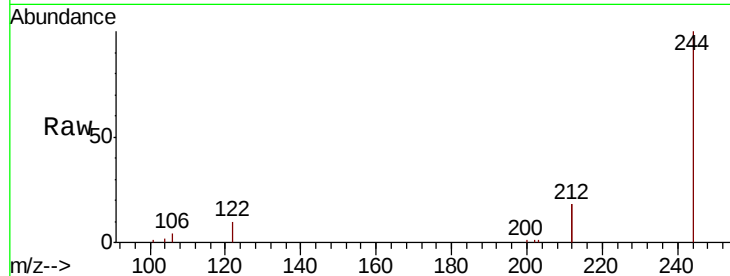
#29
 Terphenyl-d14
 Concen: 0.608 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BE098357.D
 Acq: 12 Dec 2018 6:38

Instrument :
 BNA_E
 ClientSampleId :
 BP-EB02-20181207

Tot Ion	Ratio	Lower	Upper
244	100		
212	35.1	27.4	41.0
122	10.4	8.3	12.5

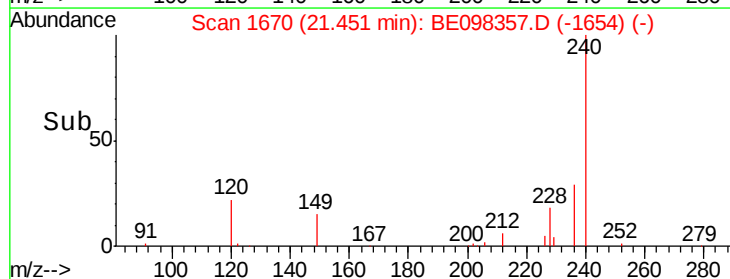
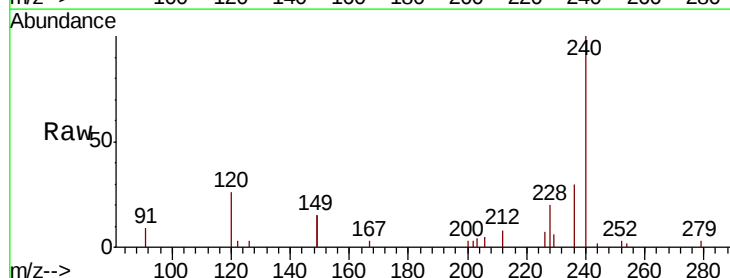
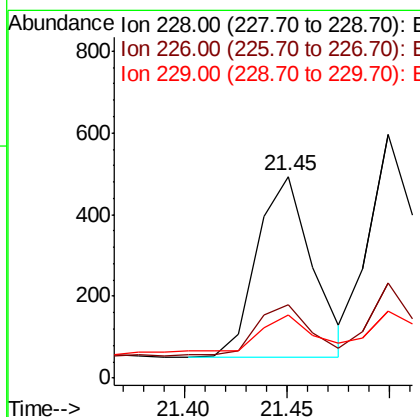
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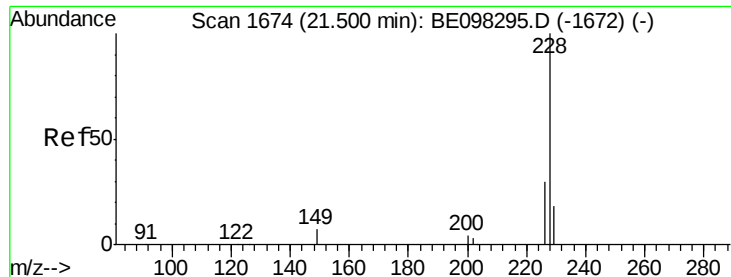
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#30
 Benzo(a)anthracene
 Concen: 0.030 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BE098357.D
 Acq: 12 Dec 2018 6:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.3	21.8	32.8#
229	31.4	16.3	24.5#





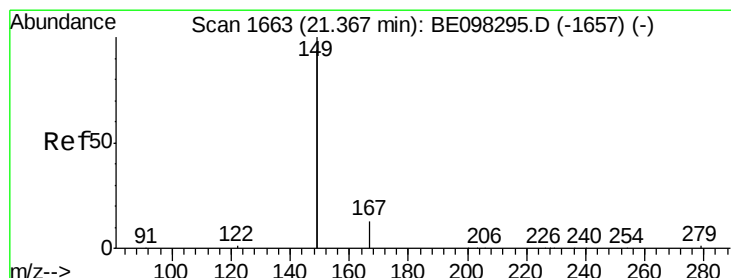
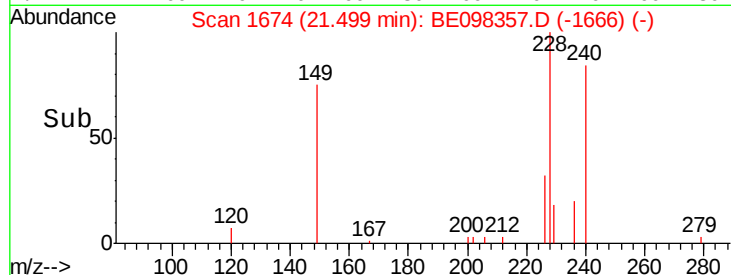
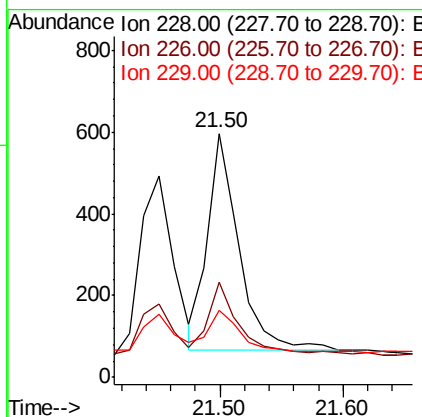
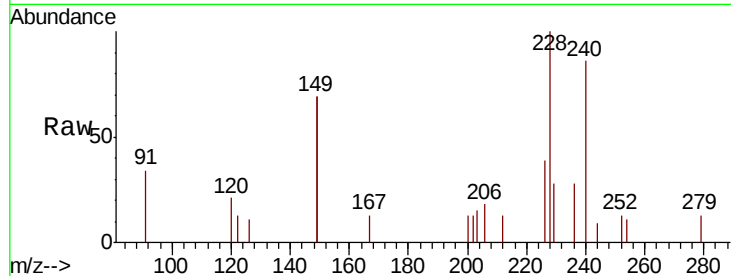
#31
Chrysene
Concen: 0.032 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :
BP-EB02-20181207

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.3	23.4	35.0#
229	27.7	16.2	24.4#

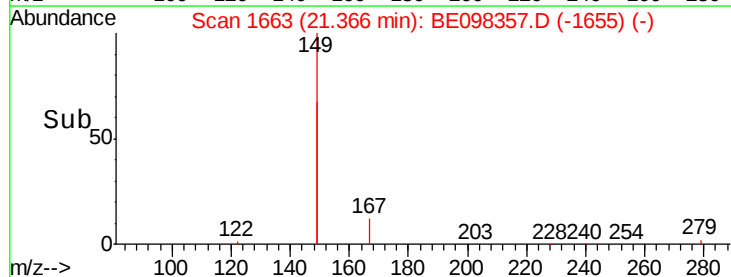
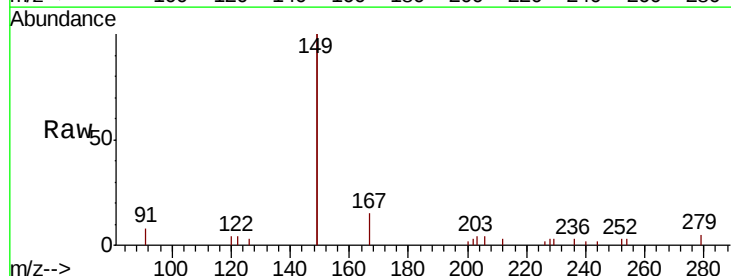
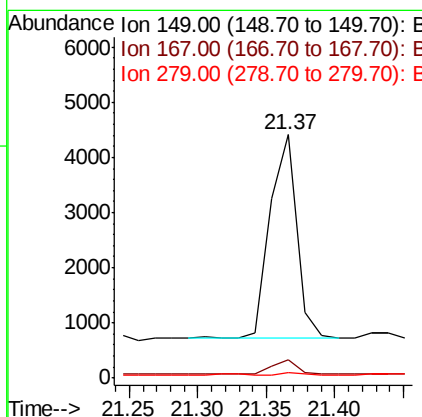
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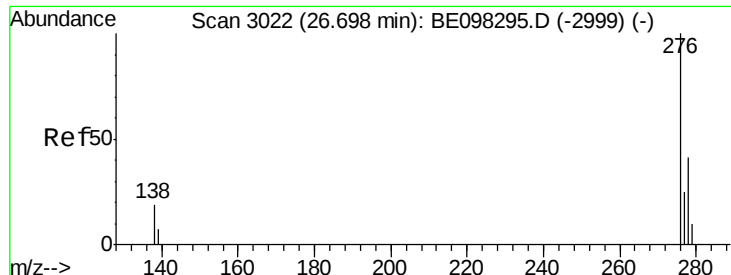
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.090 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.7	8.5
279	1.5	1.0	1.4#





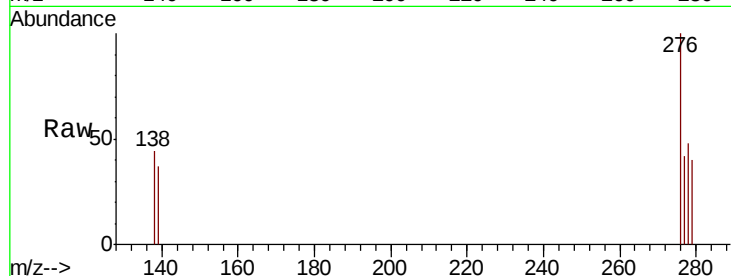
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng
RT: 26.71 min Scan# 3024
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :
BP-EB02-20181207

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.8	16.3	24.5#
277	12.2	20.2	30.4#

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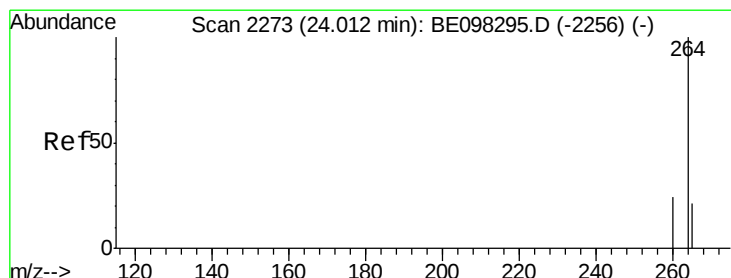
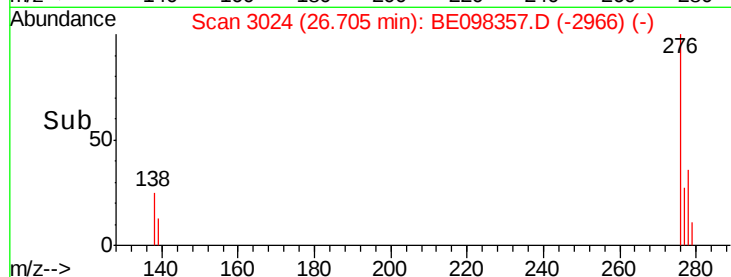
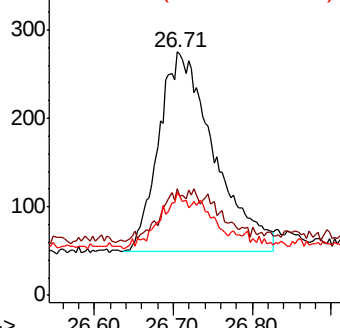


Abundance

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: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

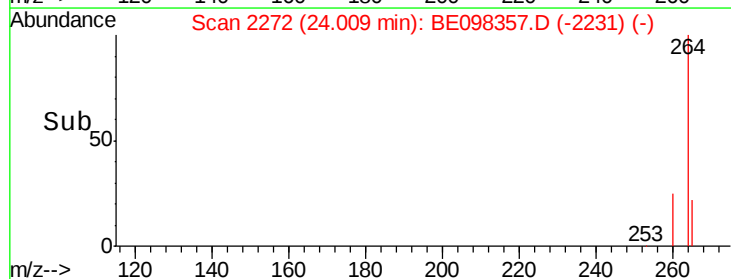
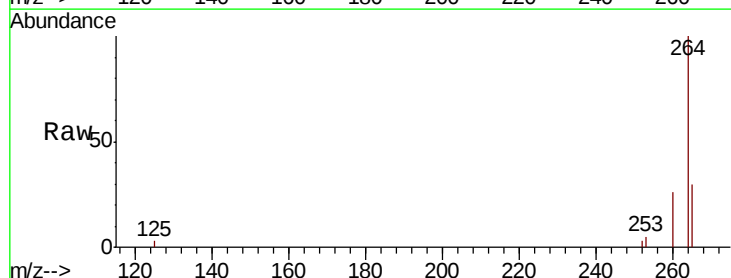
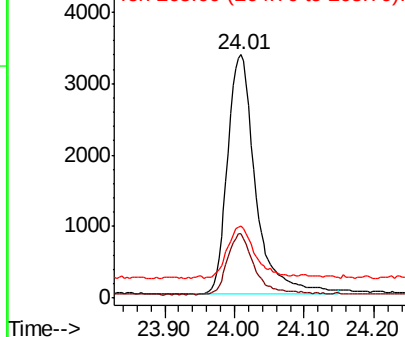
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	29.7	25.2	37.8

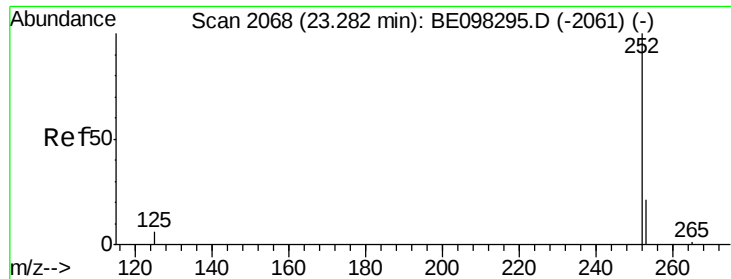
Abundance

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





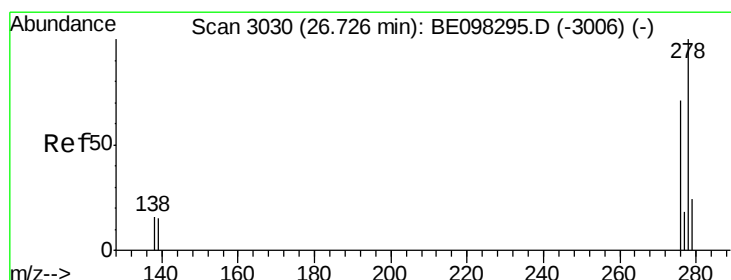
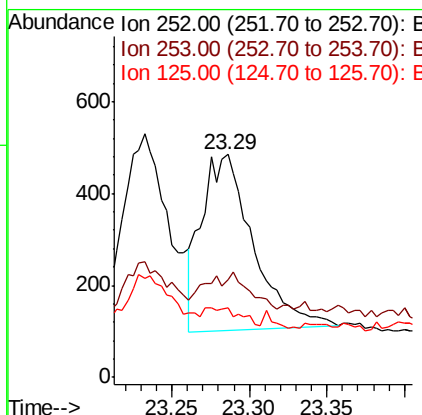
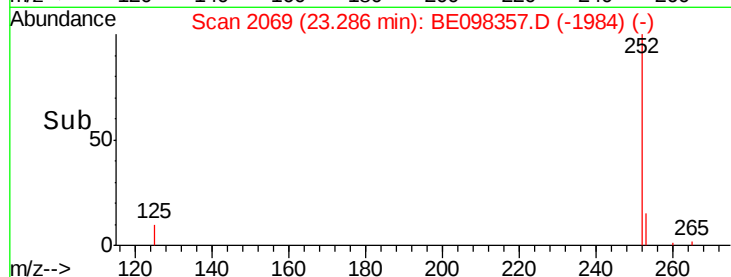
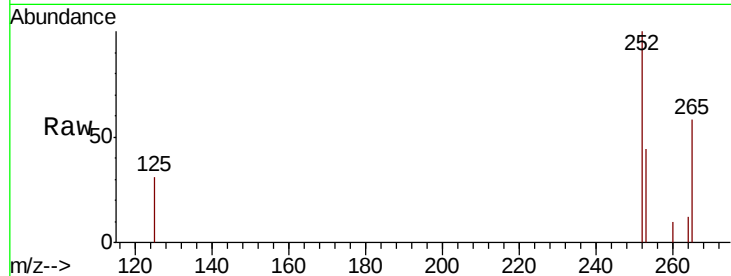
#36
Benzo(k)fluoranthene
Concen: 0.030 ng
RT: 23.29 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Instrument :
BNA_E
ClientSampleId :
BP-EB02-20181207

Tot Ion	Ratio	Lower	Upper
252	100		
253	43.9	19.0	28.6#
125	31.1	9.1	13.7#

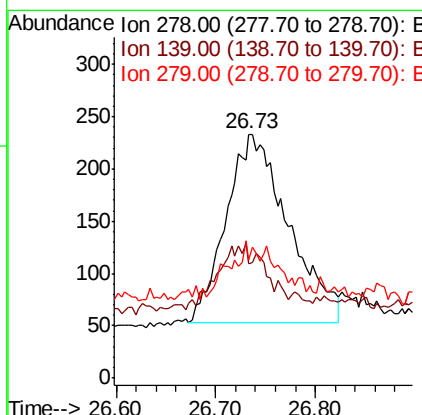
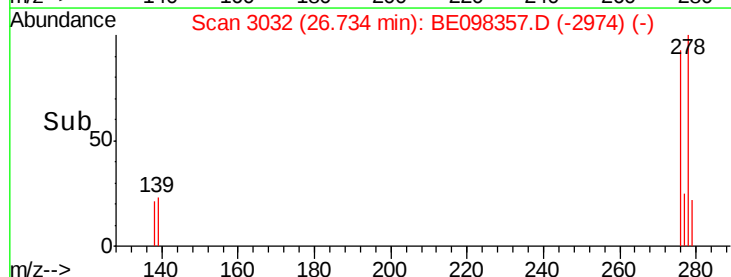
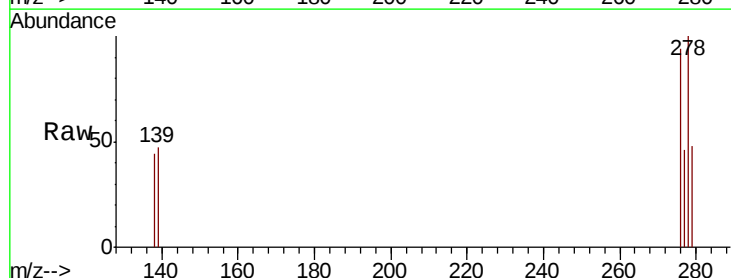
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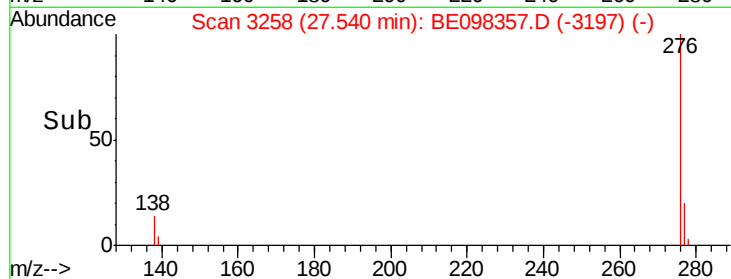
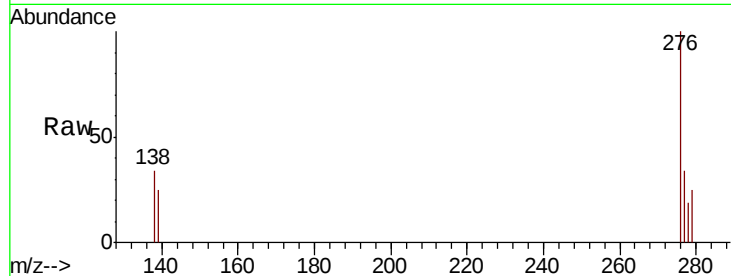
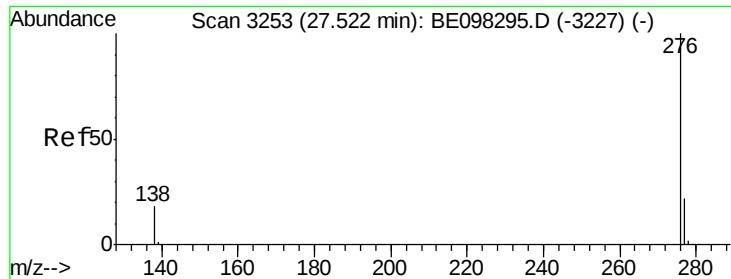
Sohil
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#38
Dibenzo(a,h)anthracene
Concen: 0.032 ng
RT: 26.73 min Scan# 3032
Delta R.T. 0.01 min
Lab File: BE098357.D
Acq: 12 Dec 2018 6:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.8	14.5	21.7#
279	48.5	21.8	32.8#





#39

Benzo(a,h,i)perylene

Concen: 0.042 ng m

RT: 27.54 min Scan# 3258

Delta R.T. 0.02 min

Lab File: BE098357.D

Acq: 12 Dec 2018 6:38

Instrument :

BNA_E

ClientSampleId :

BP-EB02-20181207

Tot Ion	Ratio	Lower	Upper
276	100		
277	34.3	20.8	31.2#
138	34.0	15.8	23.6#

Manual Integrations
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