

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
 Data File : BE098262.D
 Acq On : 21 Nov 2018 14:40
 Operator : SJ/JU
 Sample : J5996-10 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-05A

Manual Integrations
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 11/23/2018 11:47:36 AM

Quant Time: Nov 22 00:32:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1645	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7410	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4672	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10374	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11805	0.40	ng	0.00
34) Perylene-d12	24.02	264	11323	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	134	0.03	ng	0.00
5) Phenol-d6	7.05	99	198	0.03	ng	0.01
8) Nitrobenzene-d5	9.03	82	176	0.03	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	322	0.02	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	69	0.05	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	456	0.02	ng	0.01
25) Fluoranthene-d10	19.31	212	3633	0.03	ng	0.00
29) Terphenyl-d14	19.91	244	743	0.03	ng	0.00

Target Compounds				Qvalue		
9) Naphthalene	10.72	128	3668	0.049	ng	# 94
12) 2-Methylnaphthalene	12.34	142	997	0.075	ng	# 93
16) Acenaphthylene	14.26	152	3216	0.145	ng	# 93
18) Fluorene	15.58	166	639	0.038	ng	# 78
23) Phenanthrene	17.31	178	7184	0.269	ng	# 97
24) Anthracene	17.41	178	2579	0.106	ng	# 94
26) Fluoranthene	19.34	202	24687	0.771	ng	# 98
28) Pyrene	19.70	202	25913	0.751	ng	# 96
30) Benzo(a)anthracene	21.45	228	22674	0.664	ng	# 82
31) Chrysene	21.50	228	19331	0.550	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.37	149	9462	0.178	ng	# 90
33) Indeno(1,2,3-cd)pyrene	26.71	276	12653	0.421	ng	# 94
35) Benzo(b)fluoranthene	23.24	252	27705	0.866	ng	# 40
36) Benzo(k)fluoranthene	23.28	252	9683m	0.268	ng	#
37) Benzo(a)pyrene	23.90	252	19537	0.622	ng	# 71
39) Benzo(g,h,i)perylene	27.54	276	13345	0.492	ng	# 75

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

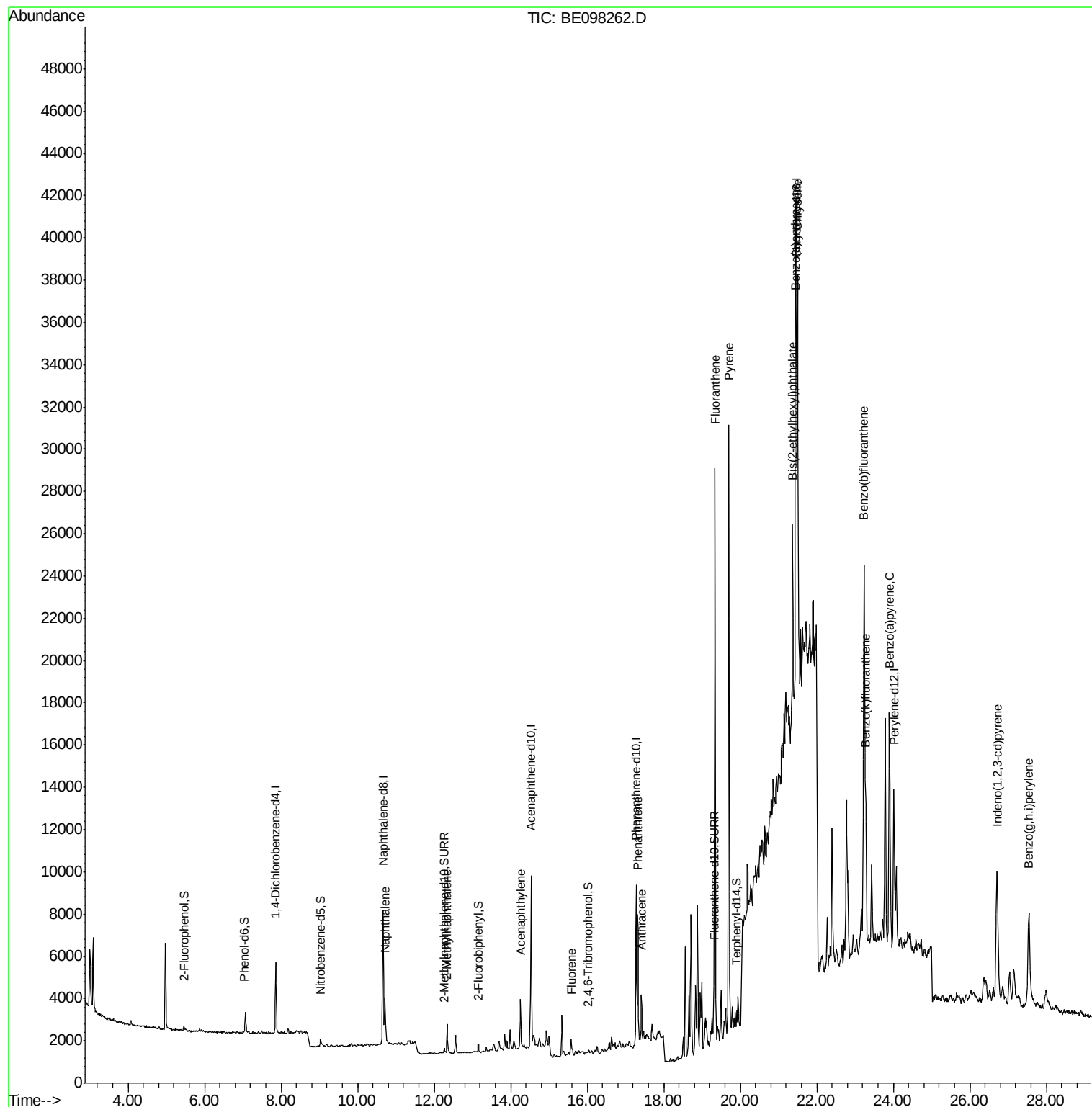
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
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ALS Vial : 10 Sample Multiplier: 1

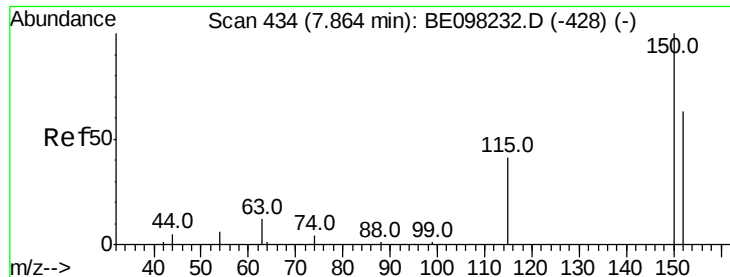
Instrument :
BNA_E
ClientSampleId :
AOC8-05A

Quant Time: Nov 22 00:32:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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: BE098262.D

Acq: 21 Nov 2018 14:40

Instrument :

BNA_E

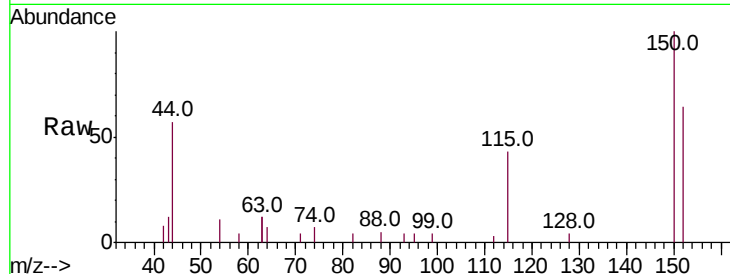
ClientSampleId :

AOC8-05A

Tot Ion:	152	Resp:	1645
Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.5	191.3
115	67.3	60.3	90.5

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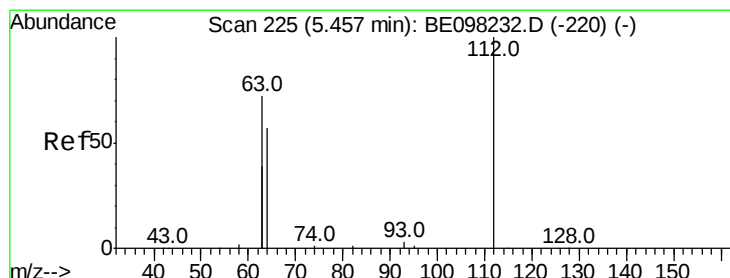
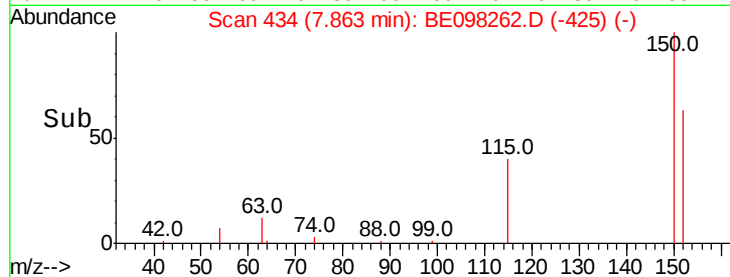
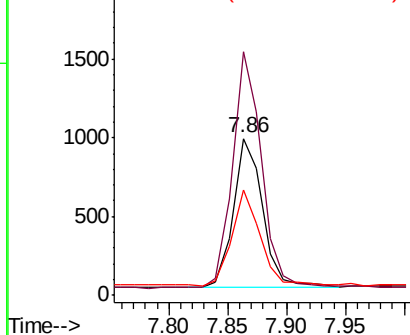


Abundance

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



#4

2-Fluorophenol

Concen: 0.030 ng

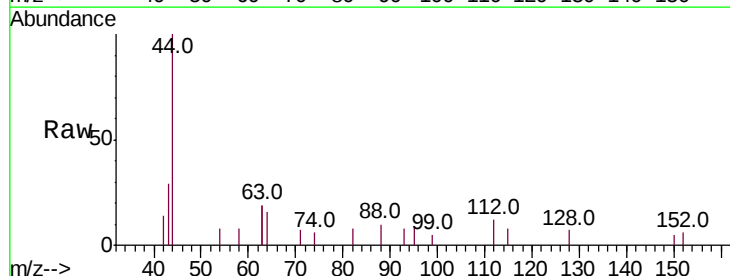
RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098262.D

Acq: 21 Nov 2018 14:40

Tgt Ion:	112	Resp:	134
Ion	Ratio	Lower	Upper
112	100		
64	85.8	61.7	92.5
63	166.4	136.2	204.2

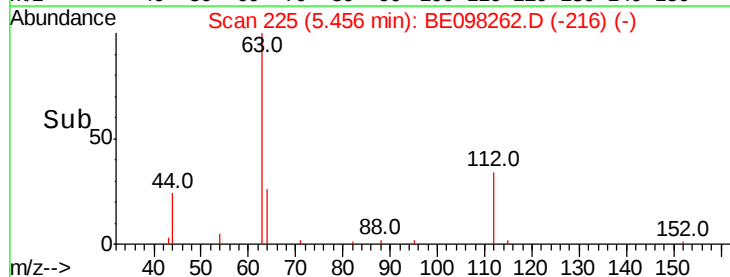
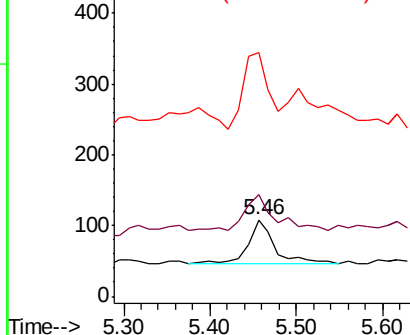


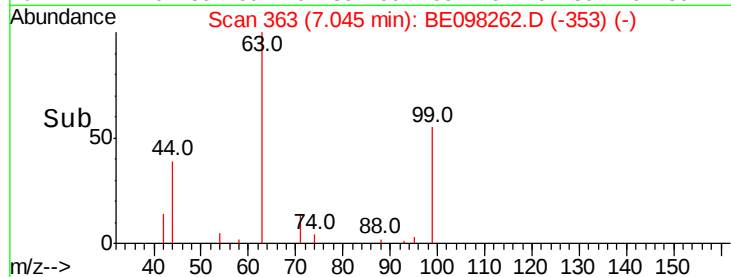
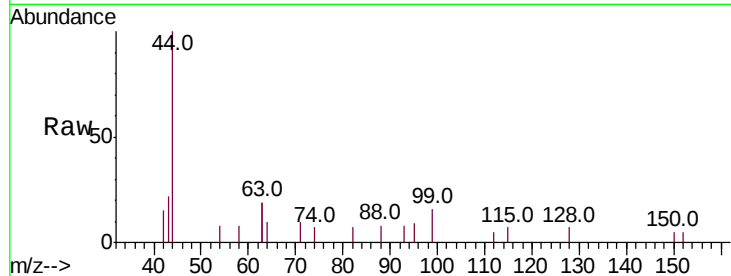
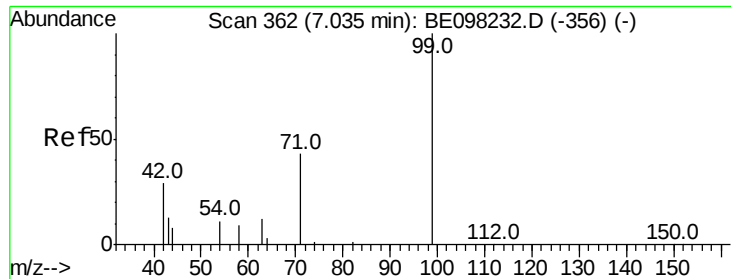
Abundance

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





#5

Phenol-d6

Concen: 0.029 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098262.D

Acq: 21 Nov 2018 14:40

Instrument :

BNA_E

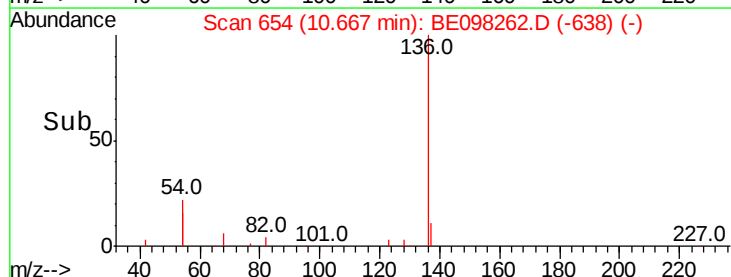
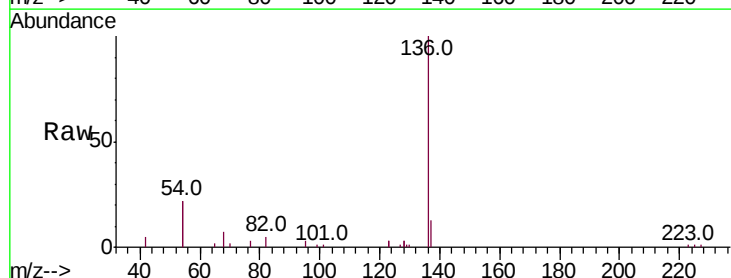
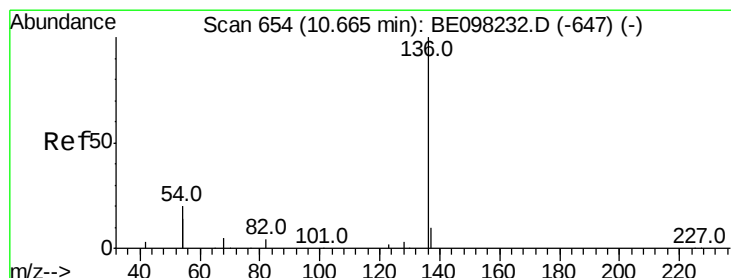
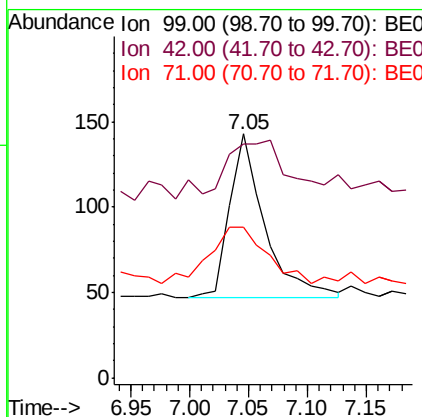
ClientSampleId :

AOC8-05A

Tot Ion	Ratio	Lower	Upper
99	100		
42	0.0	27.1	40.7#
71	57.1	37.0	55.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

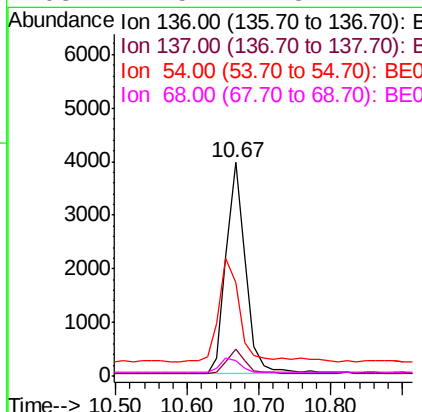
RT: 10.67 min Scan# 654

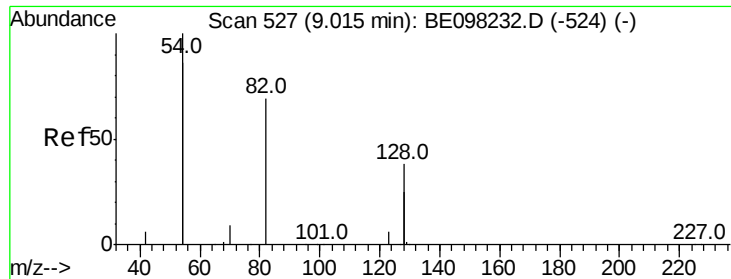
Delta R.T. 0.00 min

Lab File: BE098262.D

Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	43.6	31.3	46.9
68	7.5	4.8	7.2#





#8

Nitrobenzene-d5

Concen: 0.025 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098262.D

Acq: 21 Nov 2018 14:40

Instrument :

BNA_E

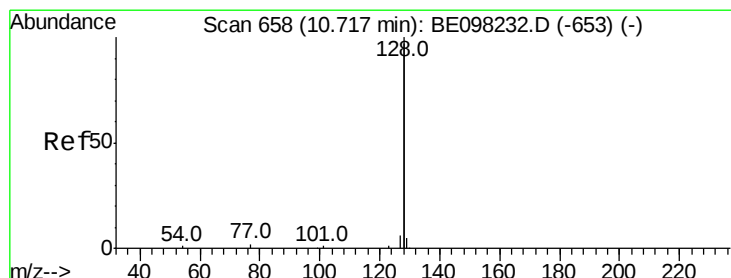
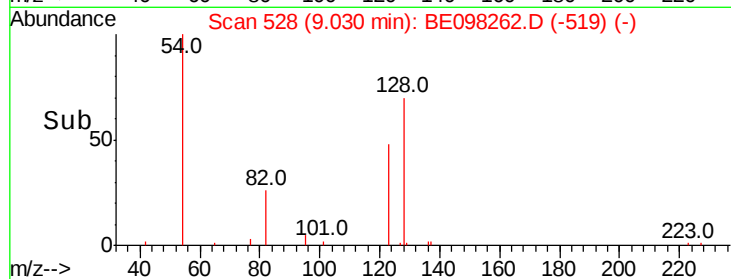
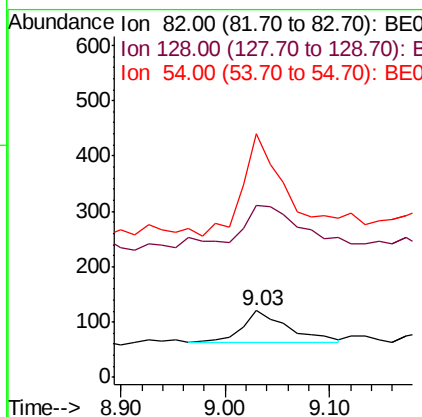
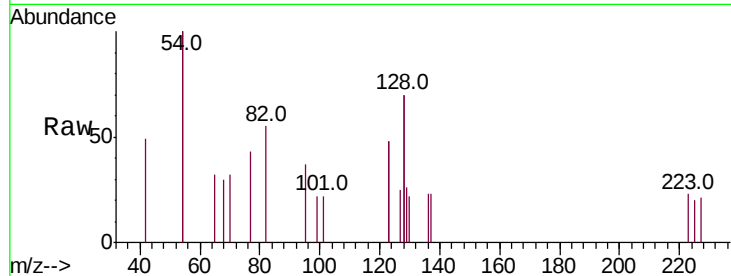
ClientSampleId :

AOC8-05A

Tot Ion	82	Resp	176
Ion	Ratio	Lower	Upper
82	100		
128	256.2	96.1	144.1#
54	363.6	232.0	348.0#

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#9

Naphthalene

Concen: 0.049 ng

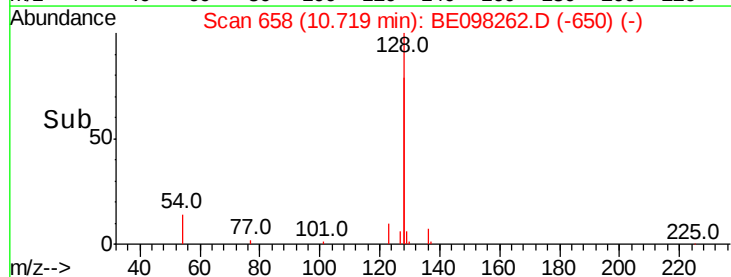
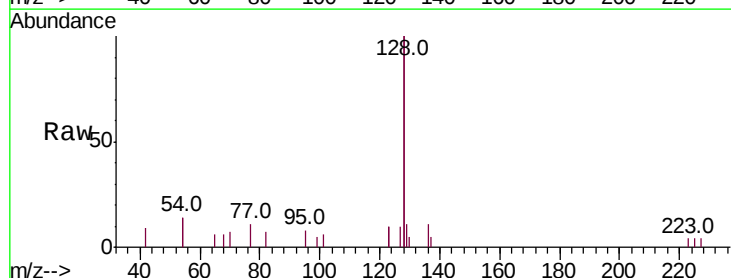
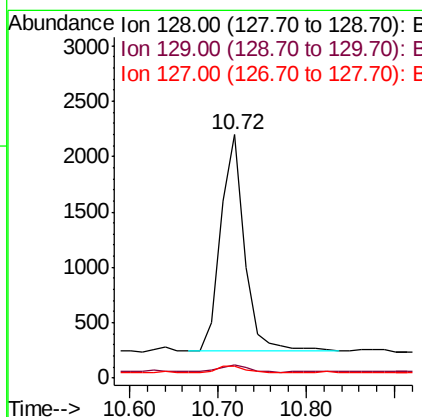
RT: 10.72 min Scan# 658

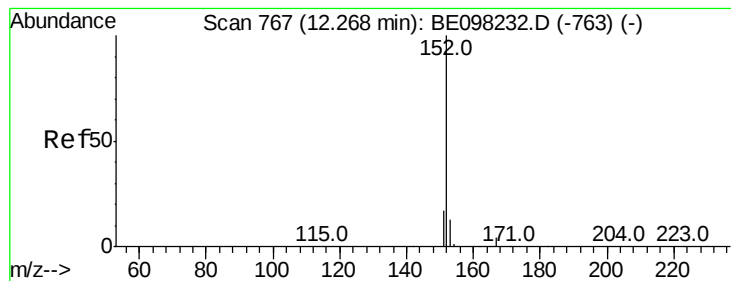
Delta R.T. 0.00 min

Lab File: BE098262.D

Acq: 21 Nov 2018 14:40

Tgt Ion	128	Resp	3668
Ion	Ratio	Lower	Upper
128	100		
129	5.6	2.6	4.0#
127	5.1	2.8	4.2#





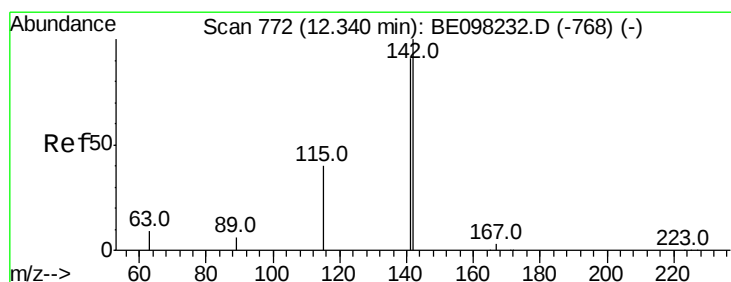
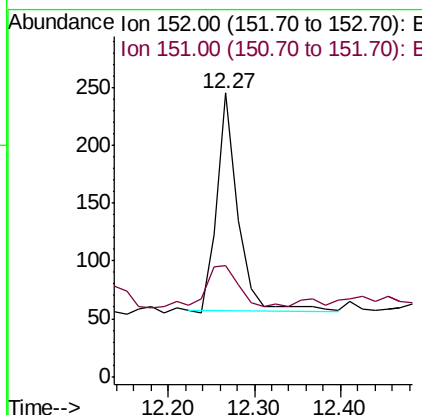
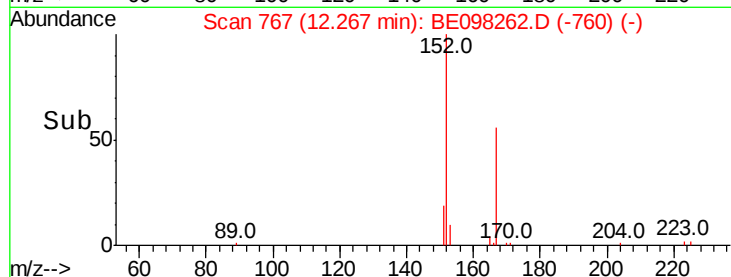
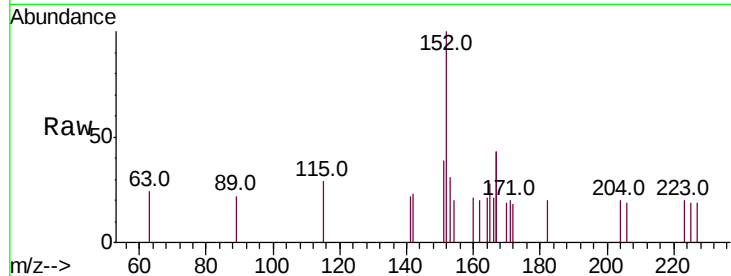
#11
2-Methylnaphthalene-d10
Concen: 0.025 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Instrument :
BNA_E
ClientSampleId :
AOC8-05A

Tot Ion:152 Resp: 322
Ion Ratio Lower Upper
152 100
151 27.0 15.4 23.2#

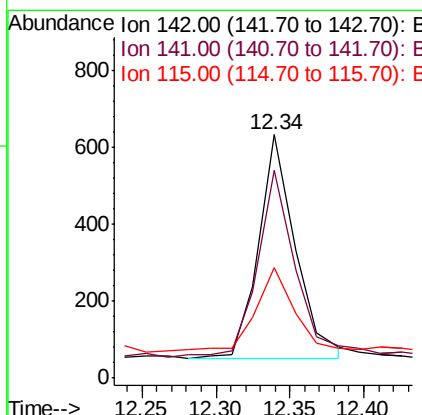
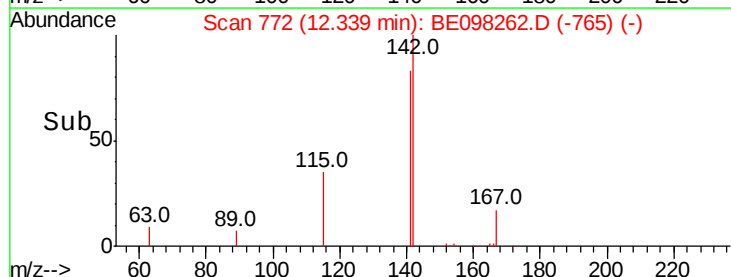
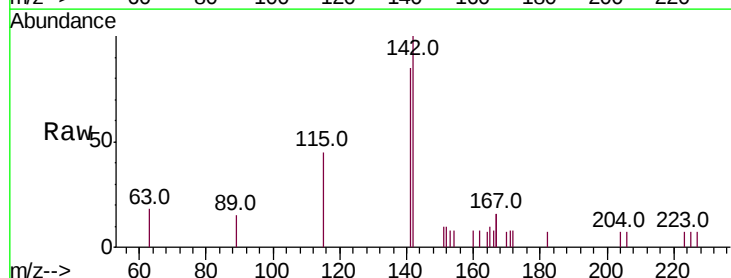
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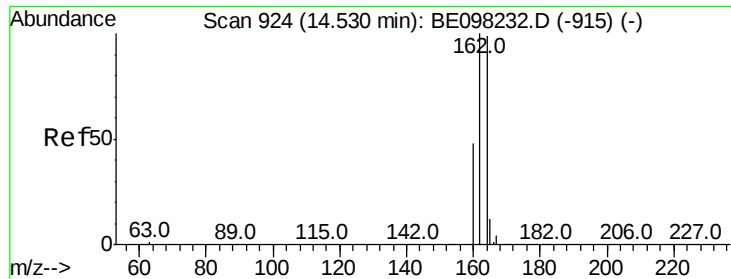
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#12
2-Methylnaphthalene
Concen: 0.075 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Tgt Ion:142 Resp: 997
Ion Ratio Lower Upper
142 100
141 85.3 76.3 114.5
115 45.2 35.8 53.8





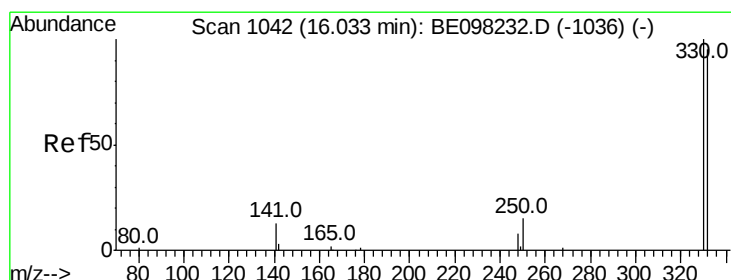
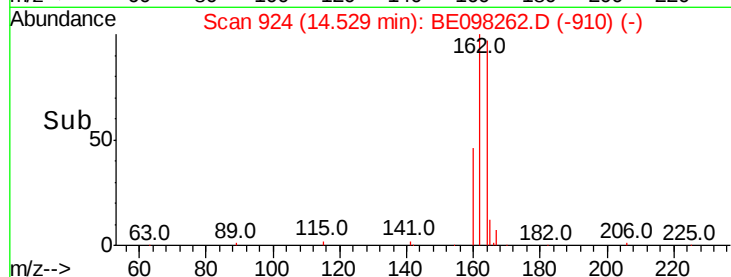
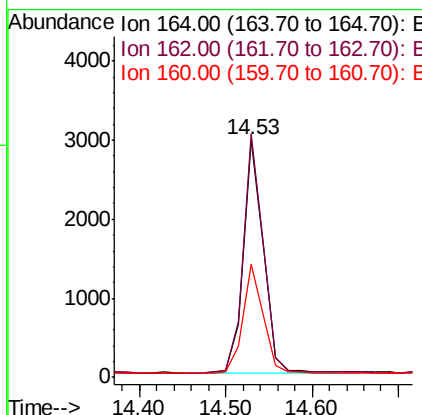
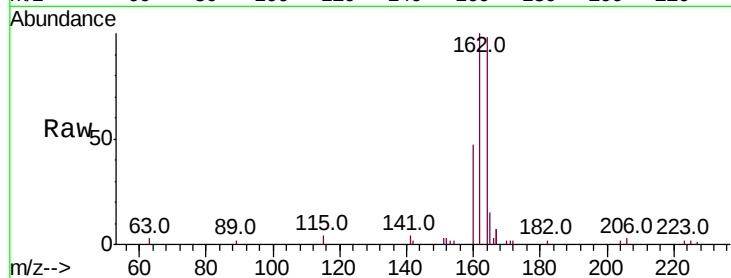
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Instrument :
BNA_E
ClientSampleId :
AOC8-05A

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.8	122.6
160	47.8	39.4	59.0

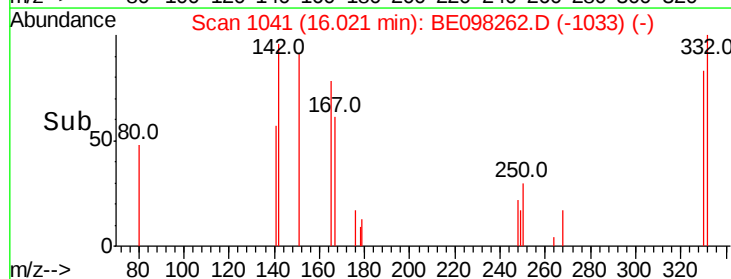
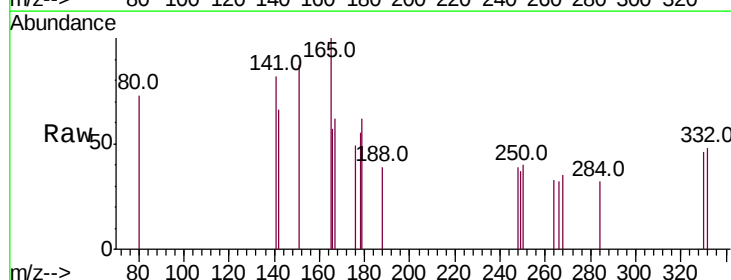
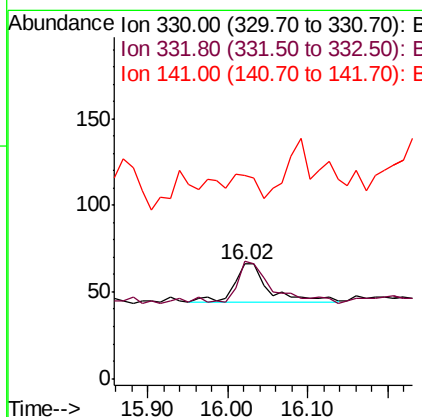
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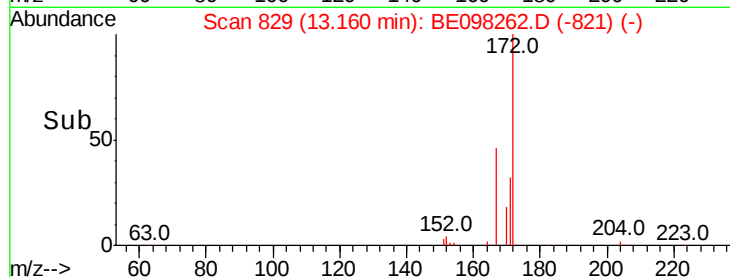
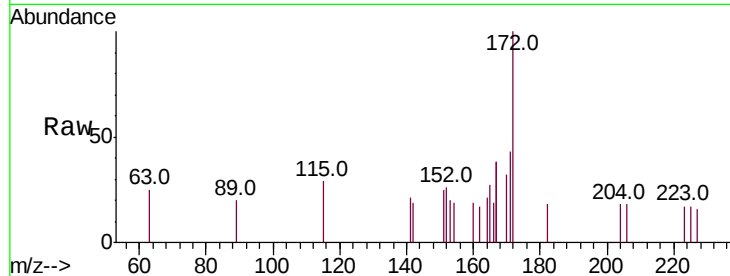
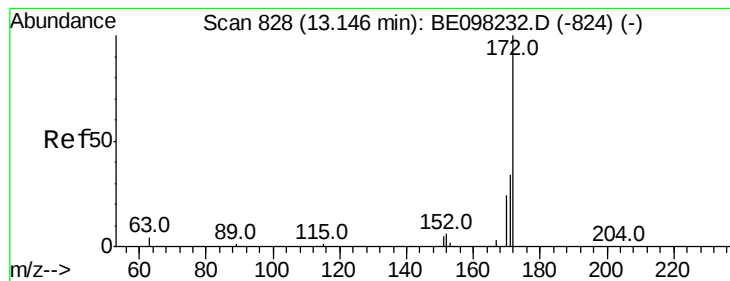
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#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	108.7	77.7	116.5
141	66.7	33.6	50.4#





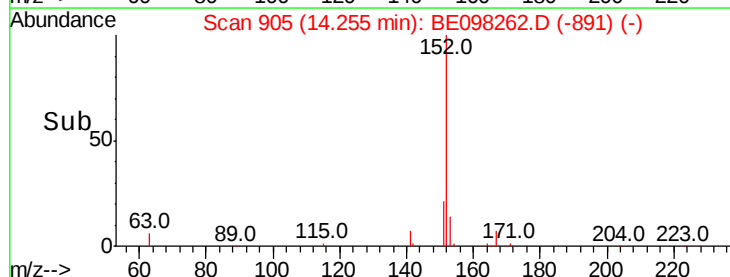
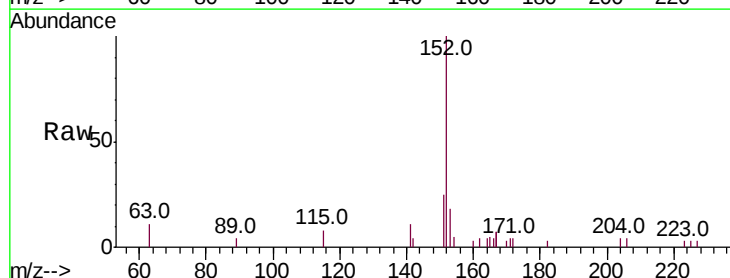
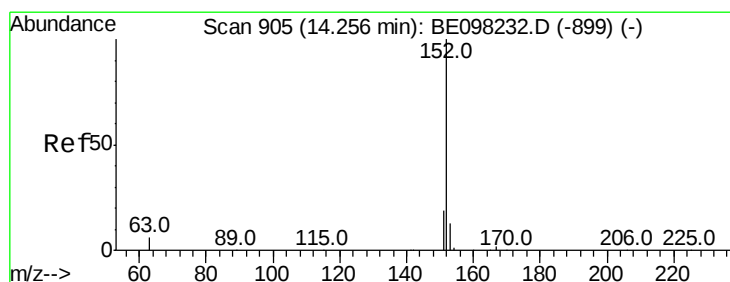
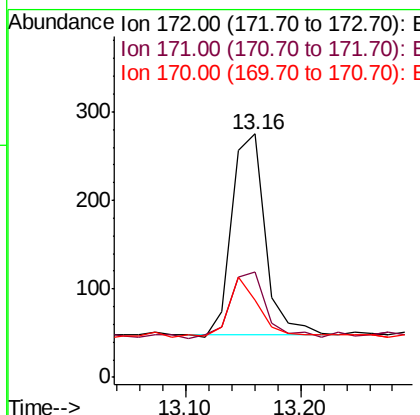
#15
2-Fluorobiphenyl
Concen: 0.022 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Instrument :
BNA_E
ClientSampleId :
AOC8-05A

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.3	27.3	40.9#
170	32.0	19.4	29.0#

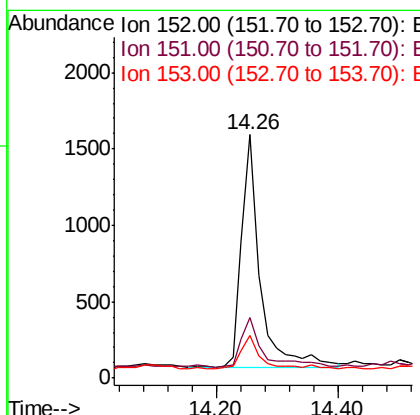
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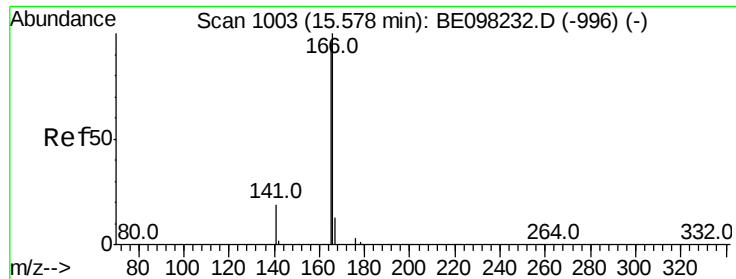
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#16
Acenaphthylene
Concen: 0.145 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.1	16.4	24.6#
153	14.0	10.6	15.8





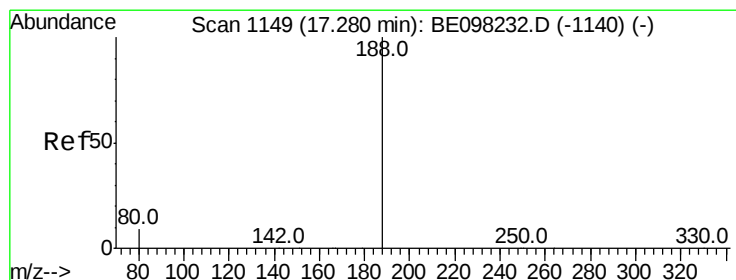
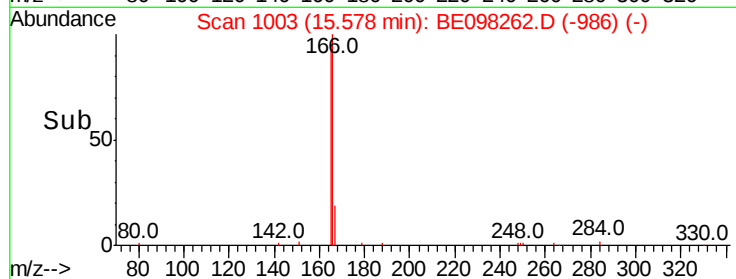
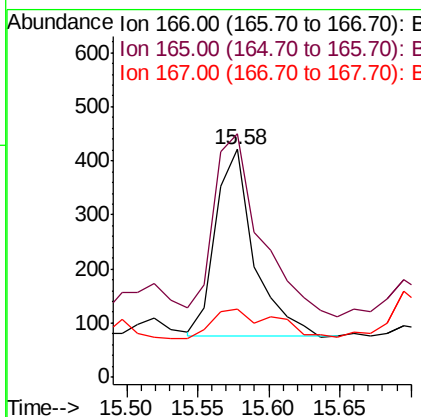
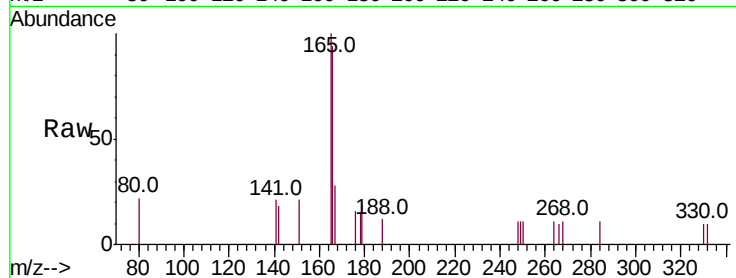
#18
Fluorene
 Concen: 0.038 ng
 RT: 15.58 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BE098262.D
 Acq: 21 Nov 2018 14:40

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-05A

Tot Ion	Ratio	Lower	Upper
166	100		
165	120.7	80.1	120.1#
167	27.1	10.8	16.2#

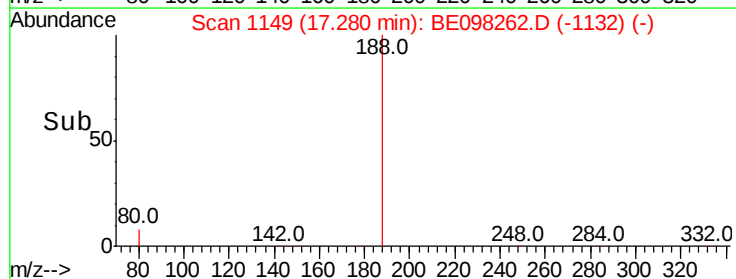
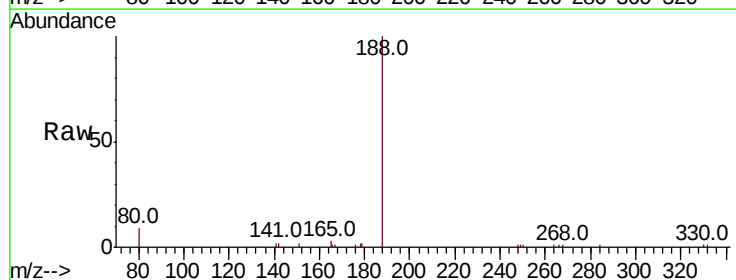
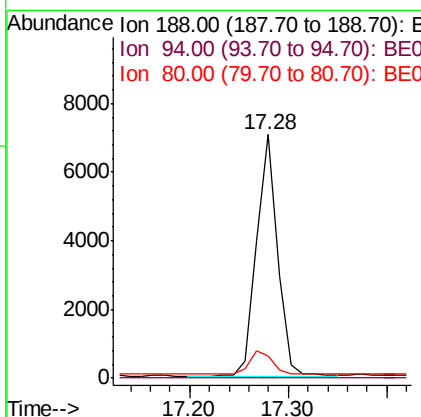
Manual Integrations
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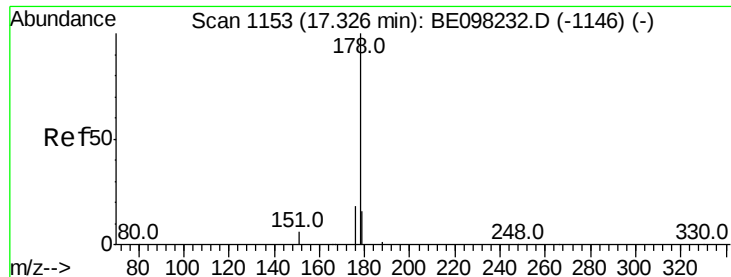
mohammad
 11/23/2018 11:47:36 AM



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.28 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BE098262.D
 Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.7	10.1





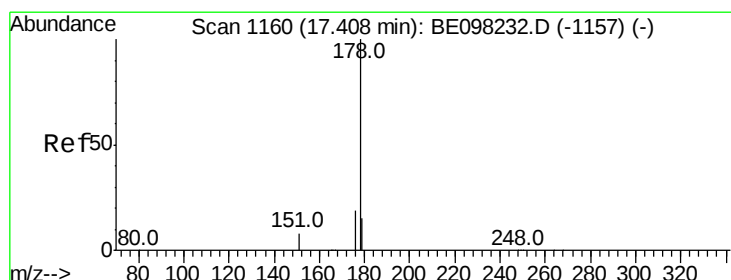
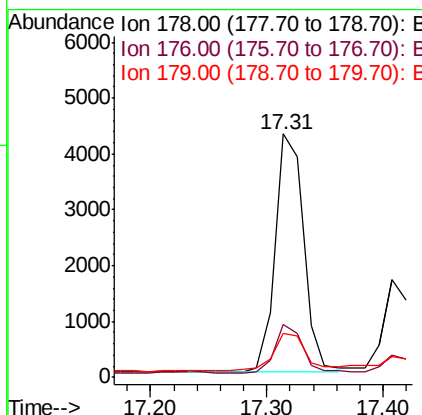
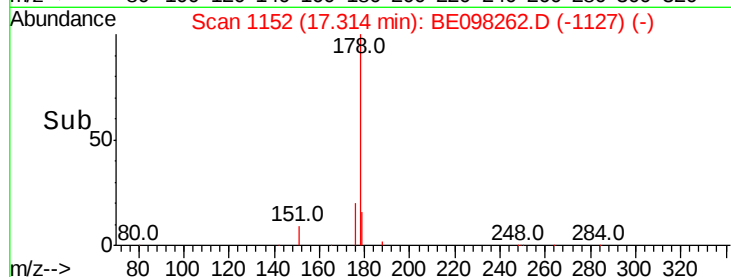
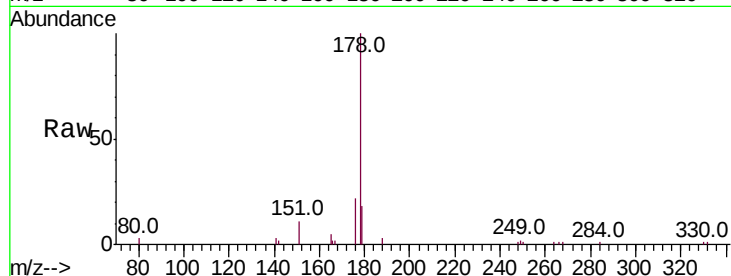
#23
Phenanthrene
Concen: 0.269 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Instrument :
BNA_E
ClientSampleId :
AOC8-05A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	18.4	12.3	18.5

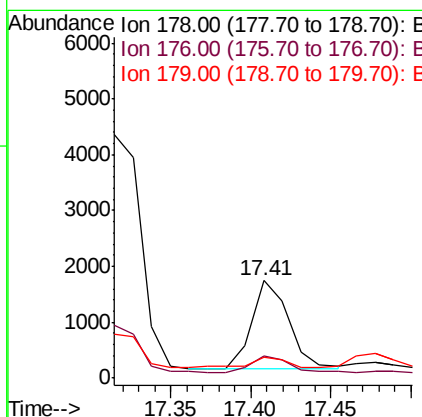
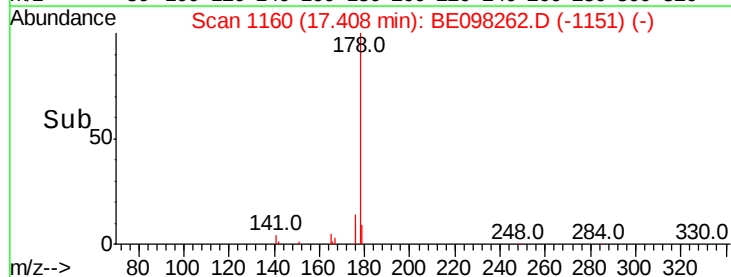
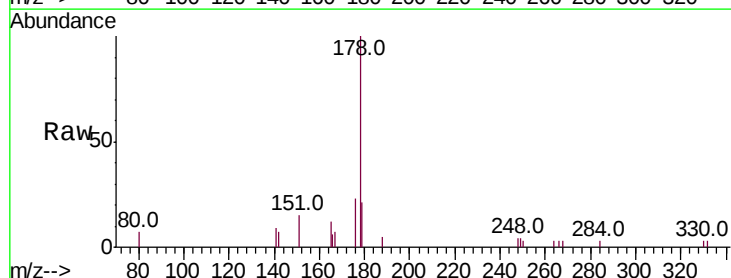
Manual Integrations
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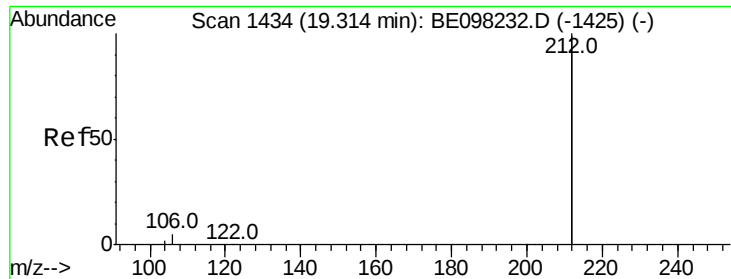
mohammad
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#24
Anthracene
Concen: 0.106 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.7	23.5
179	12.0	12.1	18.1#





#25

Fluoranthene-d10

Concen: 0.029 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098262.D

Acq: 21 Nov 2018 14:40

Instrument :

BNA_E

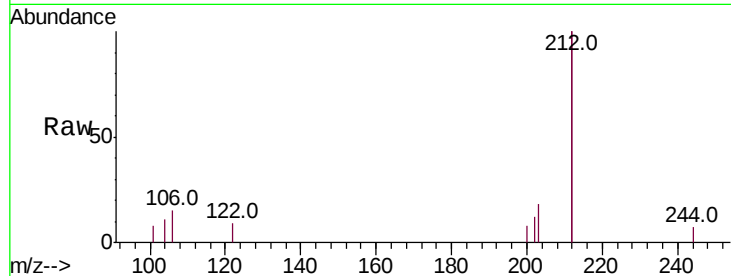
ClientSampleId :

AOC8-05A

Tot Ion	Ratio	Lower	Upper
212	100		
106	3.7	1.8	2.8#
104	1.9	1.1	1.7#

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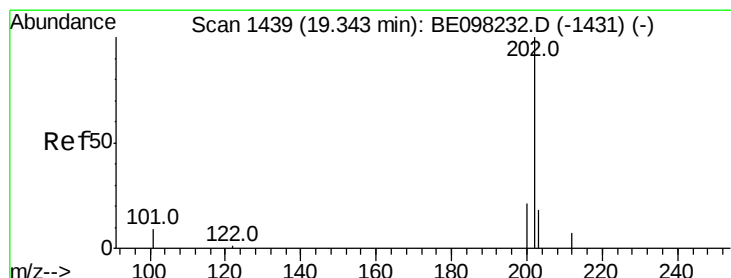
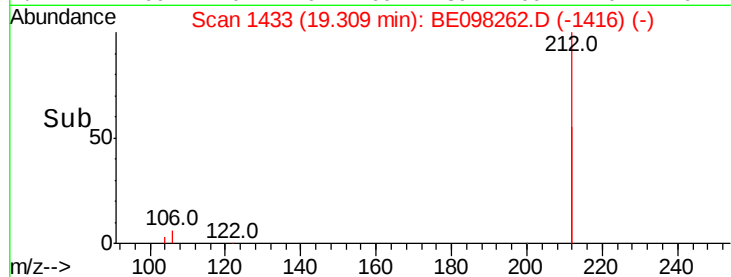
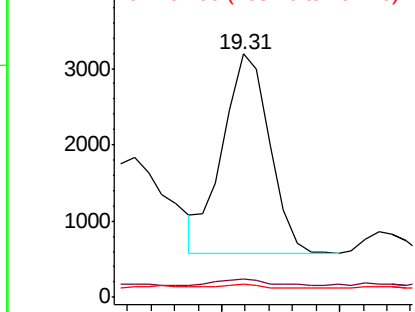
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Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.771 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098262.D

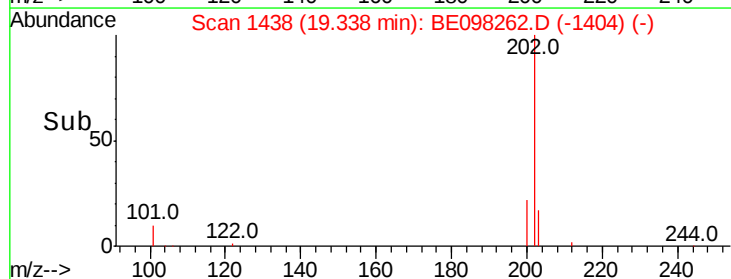
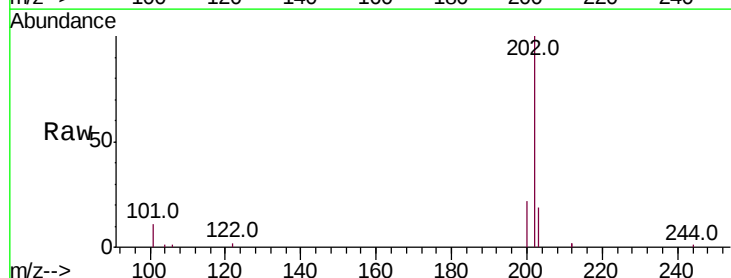
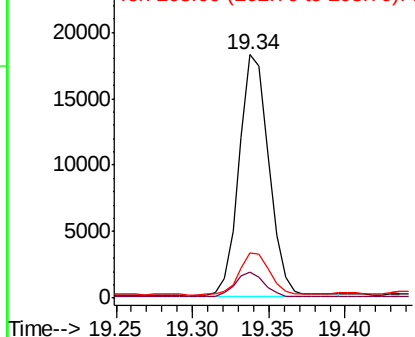
Acq: 21 Nov 2018 14:40

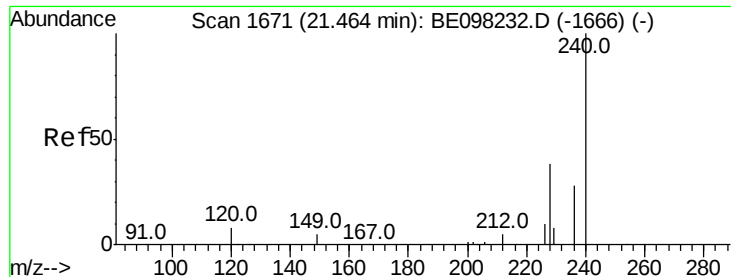
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.0	10.6
203	17.6	13.7	20.5

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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098262.D

Acq: 21 Nov 2018 14:40

Instrument :

BNA_E

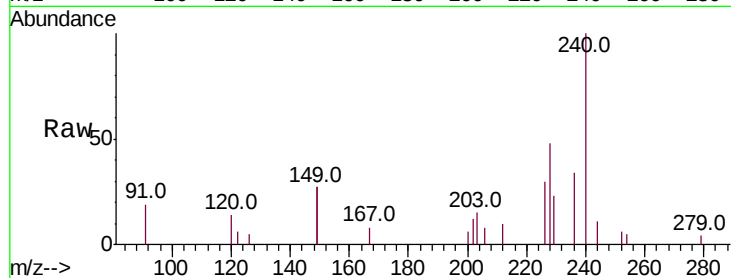
ClientSampleId :

AOC8-05A

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	4.8	7.2#
236	34.0	21.4	32.0#

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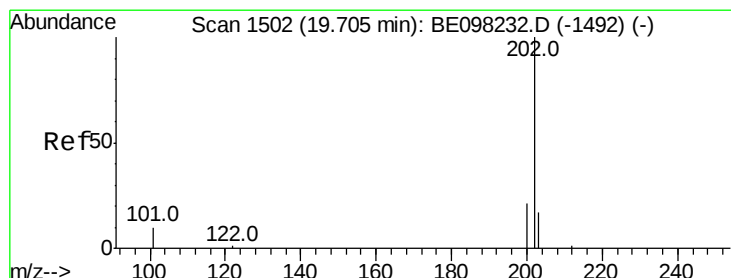
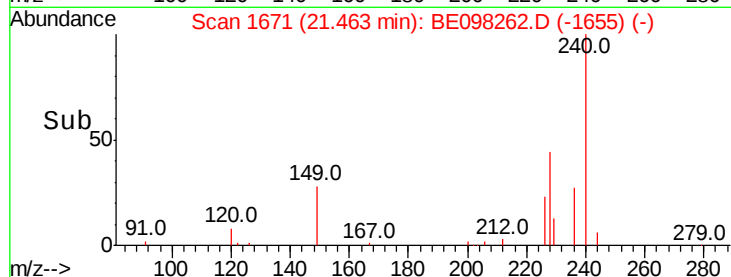
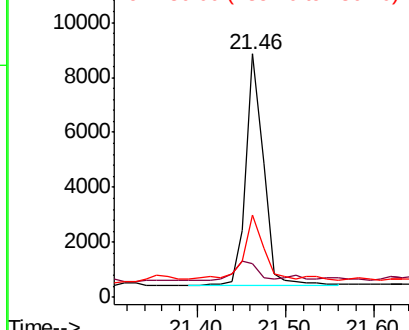


Abundance

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: 0.751 ng

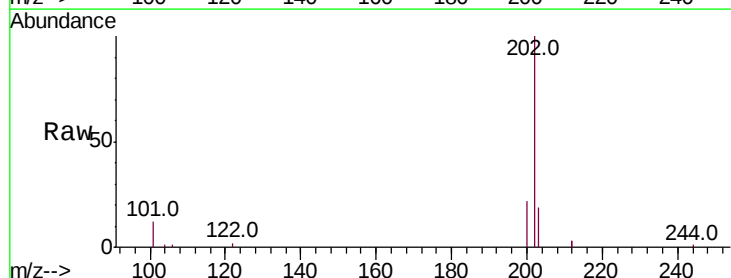
RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098262.D

Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	21.4	14.2	21.4#

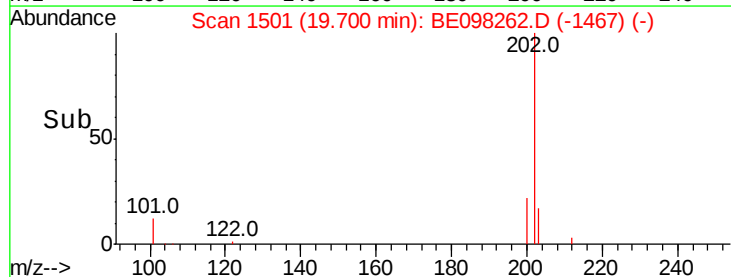
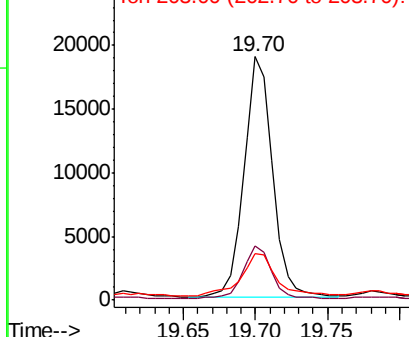


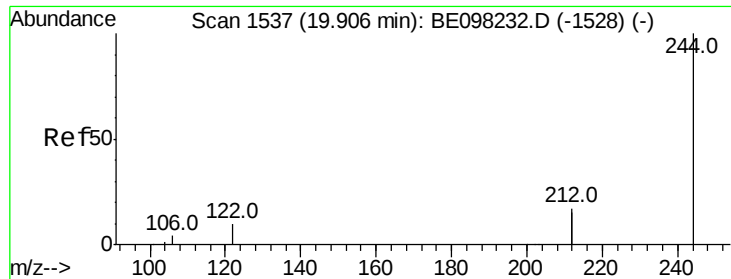
Abundance

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: 0.027 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098262.D

Acq: 21 Nov 2018 14:40

Instrument :

BNA_E

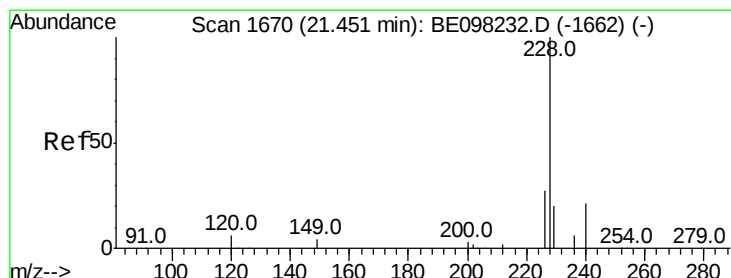
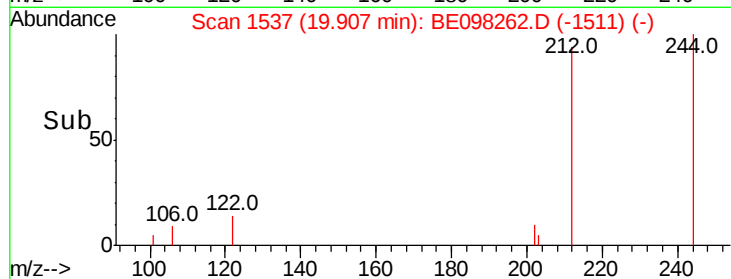
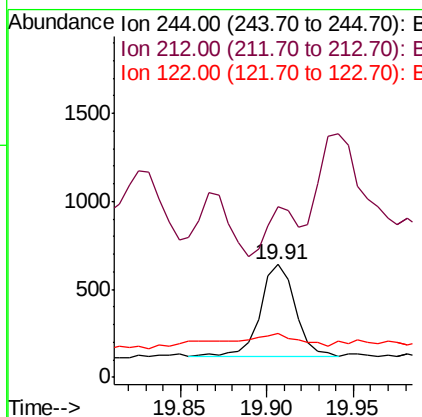
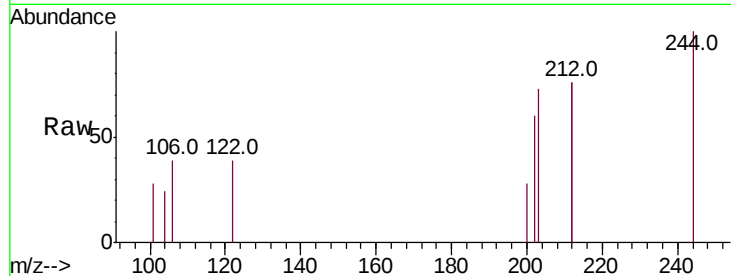
ClientSampleId :

AOC8-05A

Tot Ion	Ratio	Lower	Upper
244	100		
212	152.1	26.8	40.2#
122	39.1	7.0	10.6#

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#30

Benzo(a)anthracene

Concen: 0.664 ng

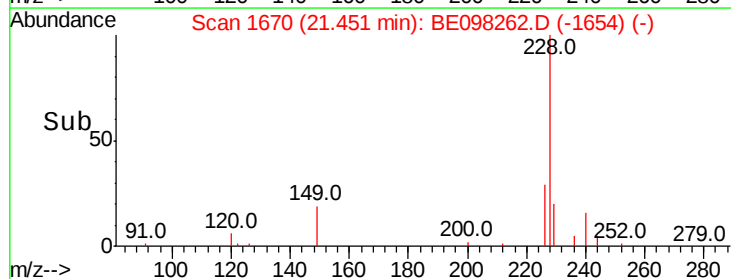
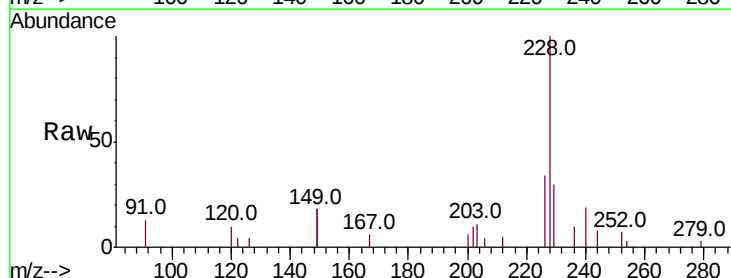
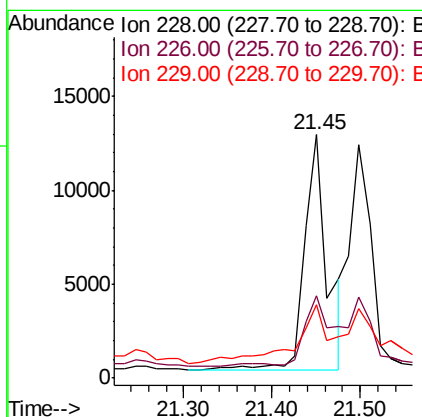
RT: 21.45 min Scan# 1670

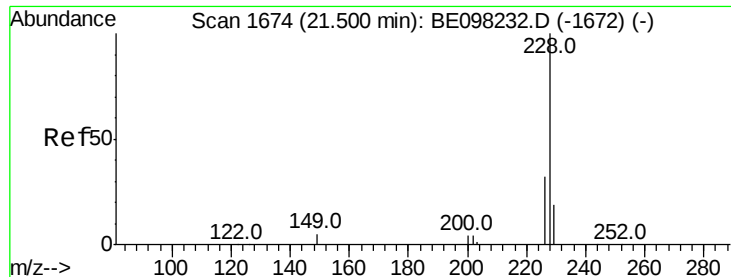
Delta R.T. -0.00 min

Lab File: BE098262.D

Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	20.7	31.1#
229	29.9	16.2	24.4#





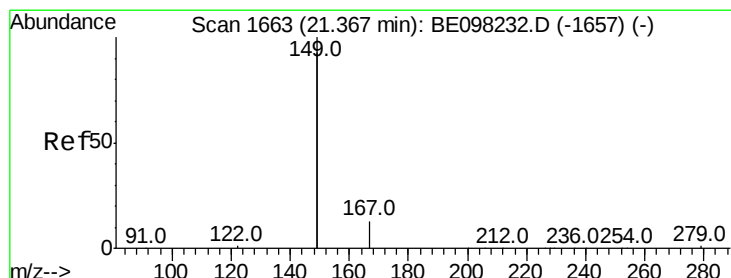
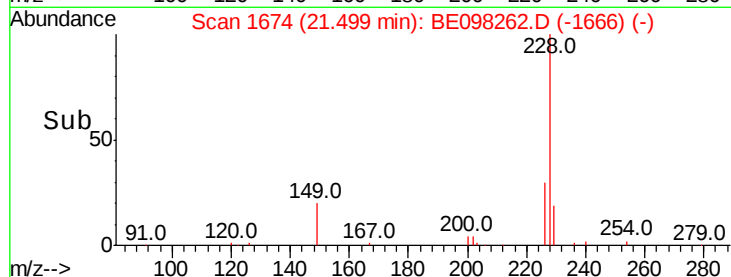
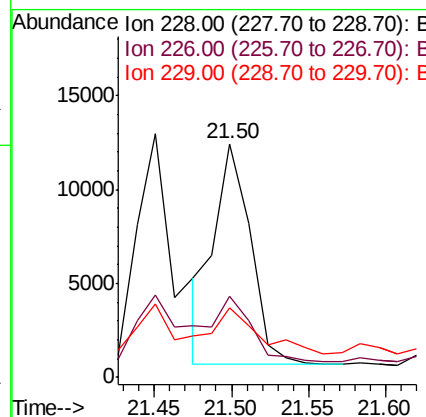
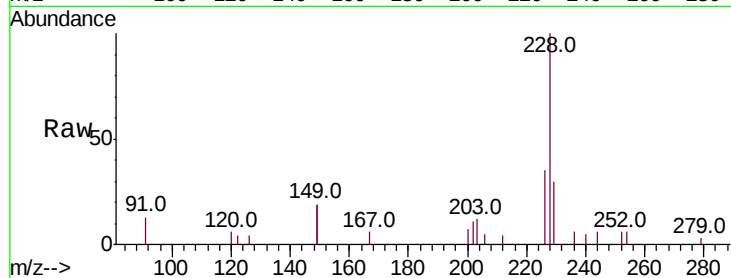
#31
Chrysene
Concen: 0.550 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Instrument :
BNA_E
ClientSampleId :
AOC8-05A

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	24.6	36.8
229	29.7	16.0	24.0#

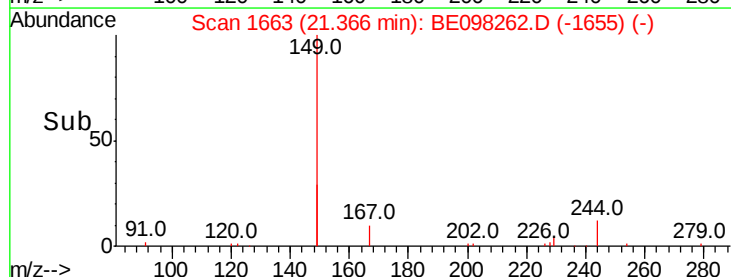
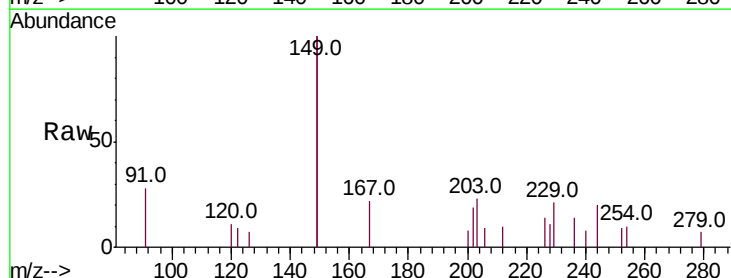
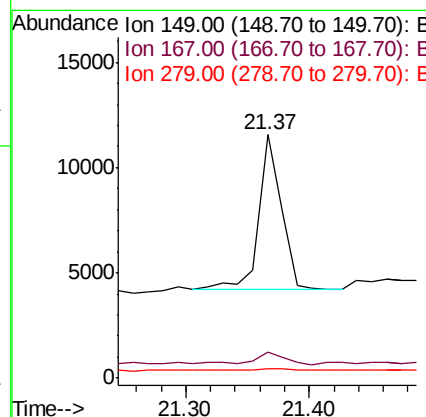
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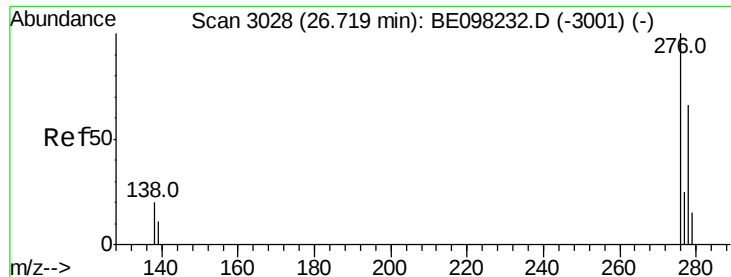
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.178 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	10.8	5.6	8.4#
279	1.8	0.9	1.3#





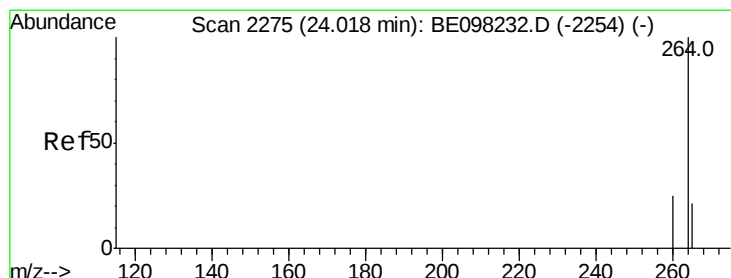
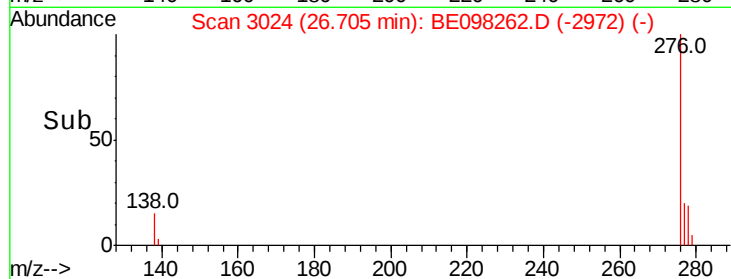
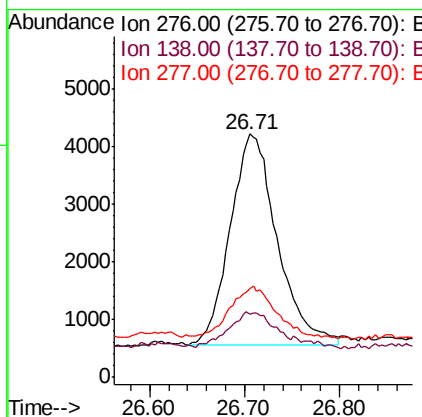
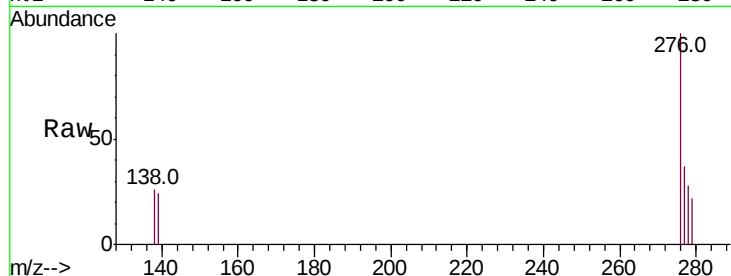
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 26.71 min Scan# 3024
Delta R.T. -0.01 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Instrument :
BNA_E
ClientSampleId :
AOC8-05A

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	6.4	9.6#
277	24.0	18.9	28.3

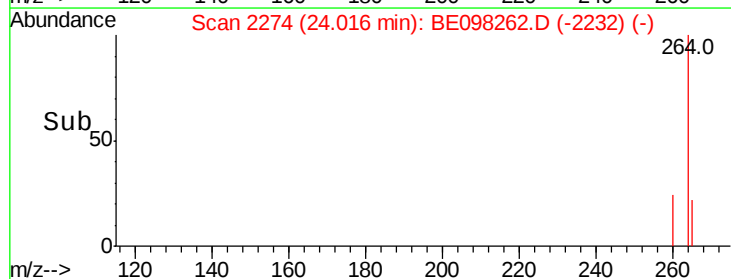
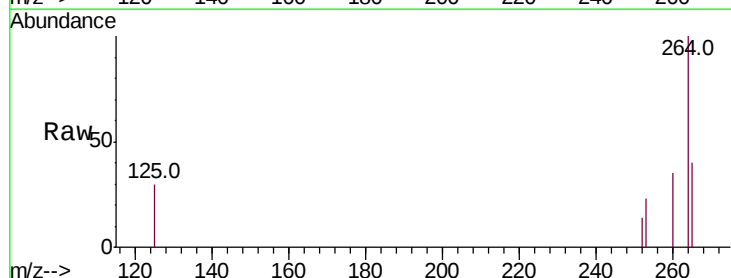
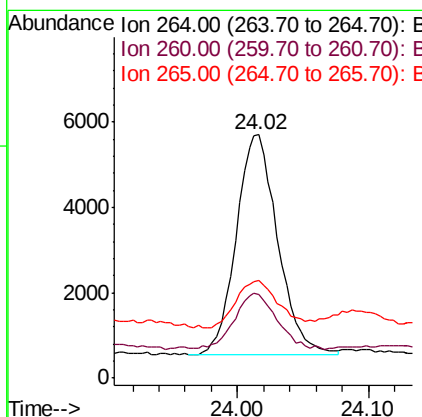
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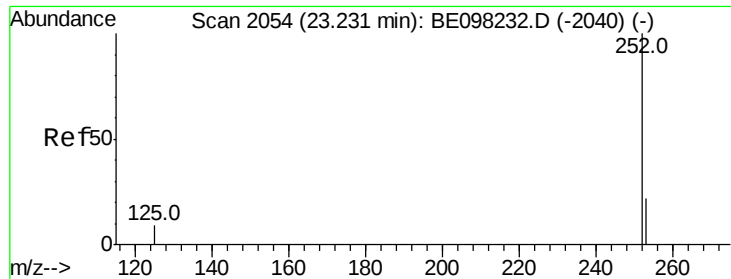
mohammad
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#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	34.6	19.9	29.9#
265	40.0	21.3	31.9#





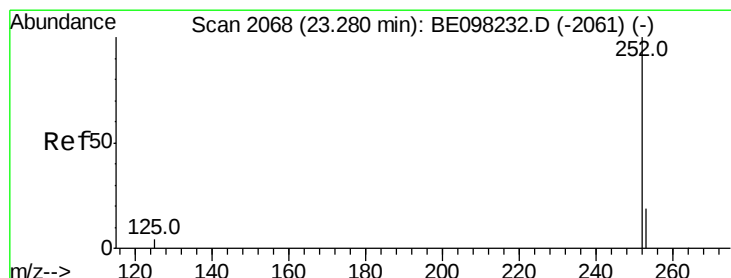
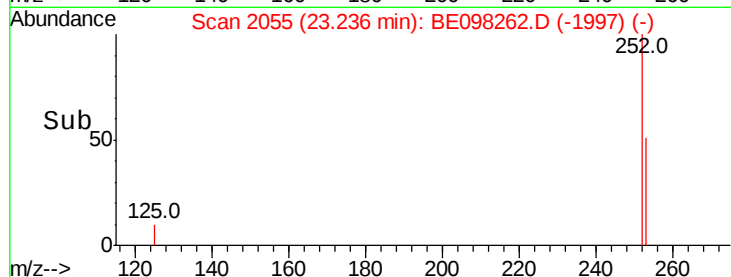
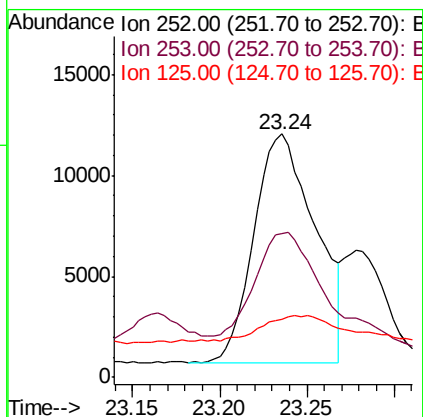
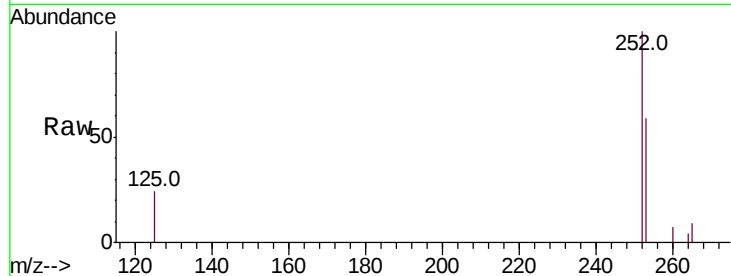
#35
Benzo(b)fluoranthene
Concen: 0.866 ng
RT: 23.24 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Instrument :
BNA_E
ClientSampleId :
AOC8-05A

Tot Ion	Ratio	Lower	Upper
252	100		
253	59.1	19.4	29.0#
125	24.0	8.6	12.8#

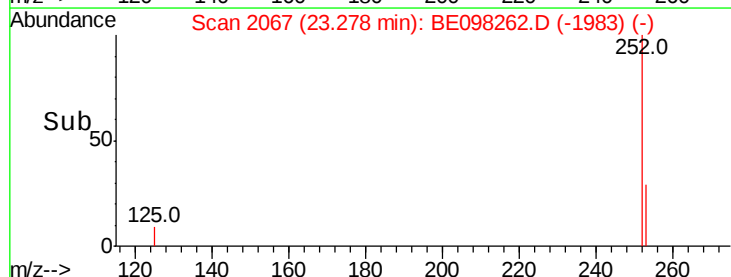
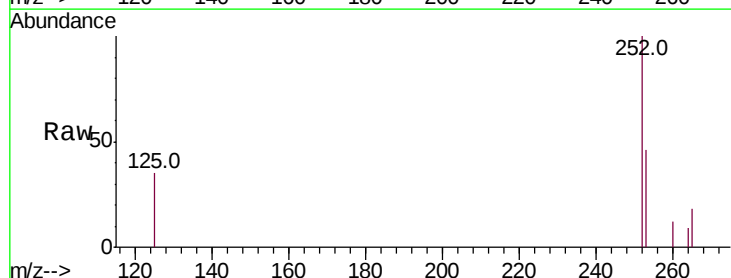
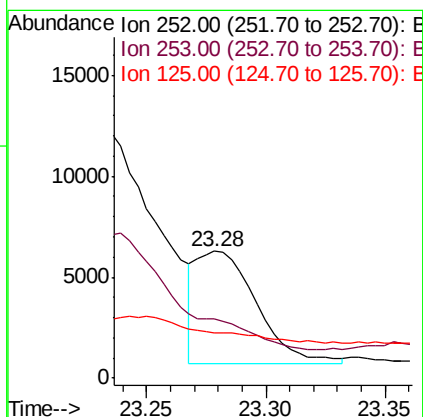
Manual Integrations
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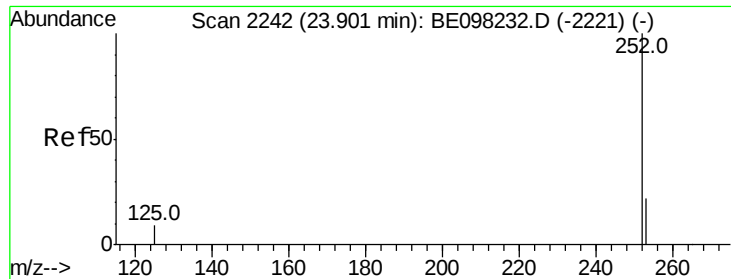
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#36
Benzo(k)fluoranthene
Concen: 0.268 ng m
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.3	18.6	28.0#
125	35.4	7.4	11.0#





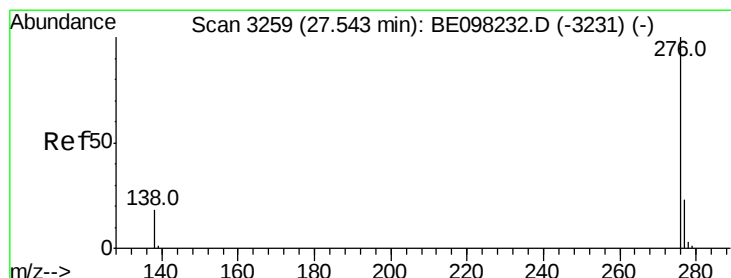
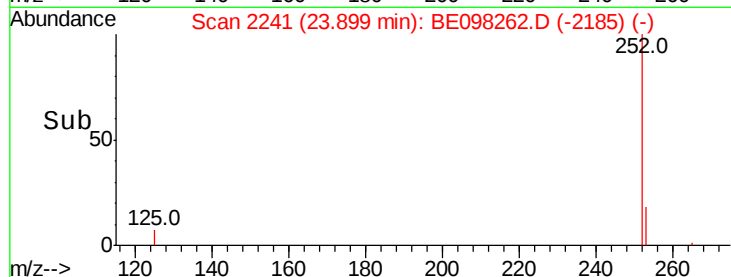
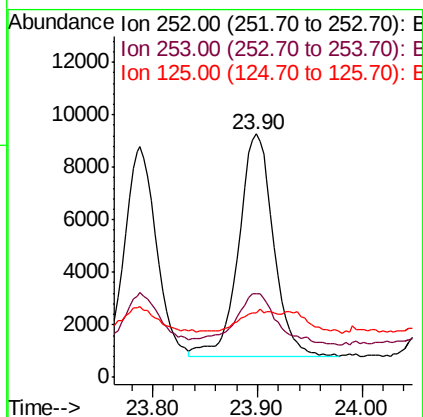
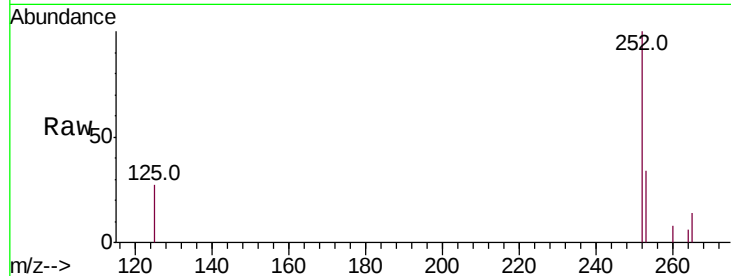
#37
Benzo(a)pyrene
Concen: 0.622 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Instrument :
BNA_E
ClientSampleId :
AOC8-05A

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.3	18.6	27.8#
125	26.6	8.0	12.0#

Manual Integrations
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#39
Benzo(g,h,i)perylene
Concen: 0.492 ng
RT: 27.54 min Scan# 3258
Delta R.T. -0.00 min
Lab File: BE098262.D
Acq: 21 Nov 2018 14:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	38.0	20.4	30.6#
138	27.6	13.2	19.8#

