

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
 Data File : BE098261.D
 Acq On : 21 Nov 2018 14:01
 Operator : SJ/JU
 Sample : J5996-08 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-04A

Manual Integrations
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mohammad
 11/23/2018 11:47:45 AM

Quant Time: Nov 22 00:30:18 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	1510	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6984	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4309	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10275	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11160	0.40	ng	0.00
34) Perylene-d12	24.01	264	11174	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	151	0.04	ng	0.00
5) Phenol-d6	7.04	99	210	0.03	ng	0.00
8) Nitrobenzene-d5	9.03	82	178	0.03	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	296	0.02	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	57	0.04	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	453	0.02	ng	0.01
25) Fluoranthene-d10	19.31	212	2612	0.02	ng	0.00
29) Terphenyl-d14	19.91	244	555	0.02	ng	0.00

Target Compounds						Qvalue
9) Naphthalene	10.72	128	4056	0.057	ng	# 95
12) 2-Methylnaphthalene	12.34	142	383	0.031	ng	# 95
16) Acenaphthylene	14.26	152	691	0.034	ng	# 95
23) Phenanthrene	17.32	178	4276	0.162	ng	98
24) Anthracene	17.41	178	972	0.040	ng	# 92
26) Fluoranthene	19.34	202	13541	0.427	ng	98
28) Pyrene	19.70	202	12704	0.389	ng	# 96
30) Benzo(a)anthracene	21.45	228	9956	0.308	ng	# 85
31) Chrysene	21.50	228	8311	0.250	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.37	149	2393	0.048	ng	# 93
33) Indeno(1,2,3-cd)pyrene	26.70	276	5894	0.207	ng	99
35) Benzo(b)fluoranthene	23.23	252	12396	0.393	ng	# 78
36) Benzo(k)fluoranthene	23.28	252	4609m	0.129	ng	
37) Benzo(a)pyrene	23.89	252	9055	0.292	ng	# 80
39) Benzo(a,h,i)perylene	27.53	276	5762	0.215	ng	# 80

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

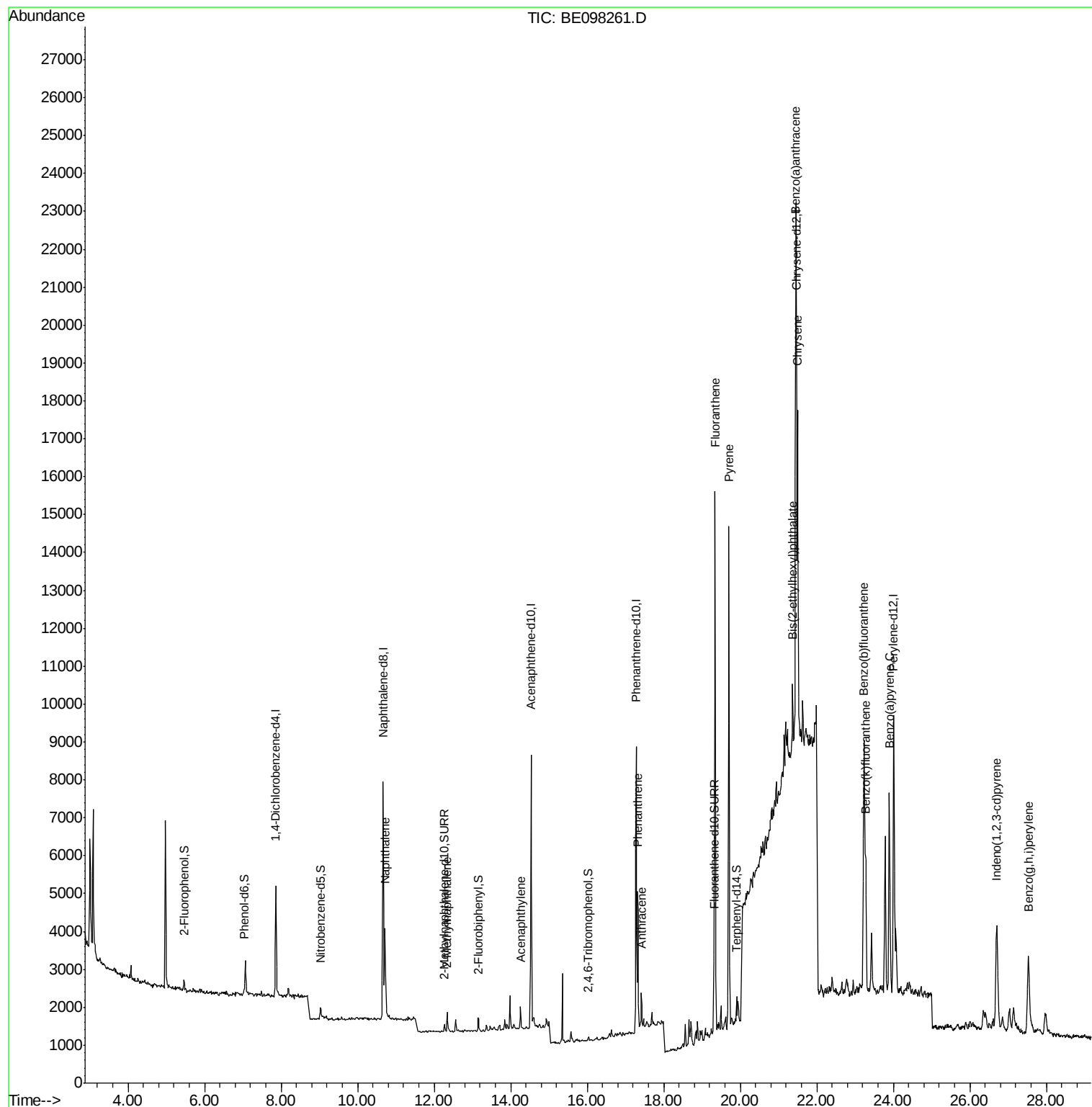
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
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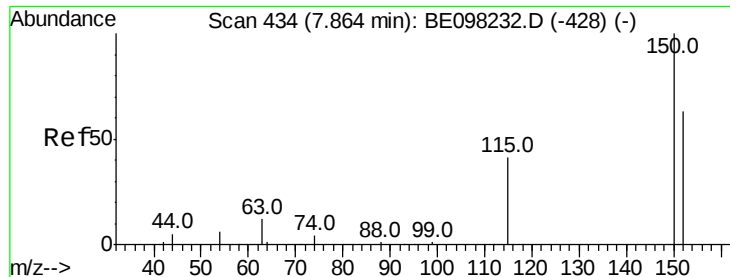
Instrument :
BNA_E
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

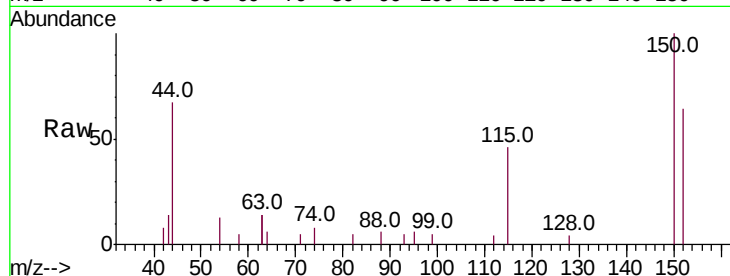
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.5	191.3
115	72.1	60.3	90.5

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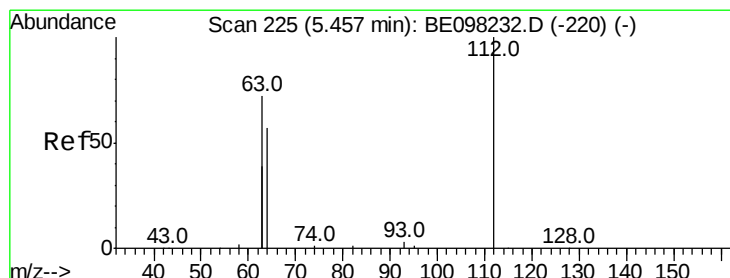
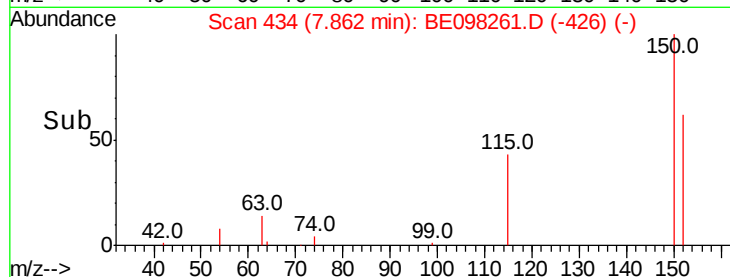
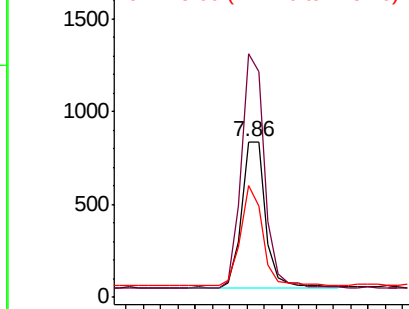


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

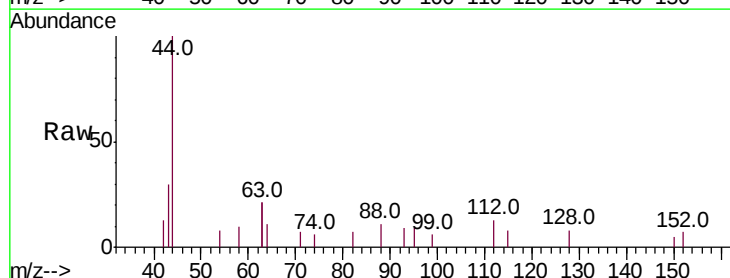
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.037 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	61.7	92.5#
63	156.3	136.2	204.2

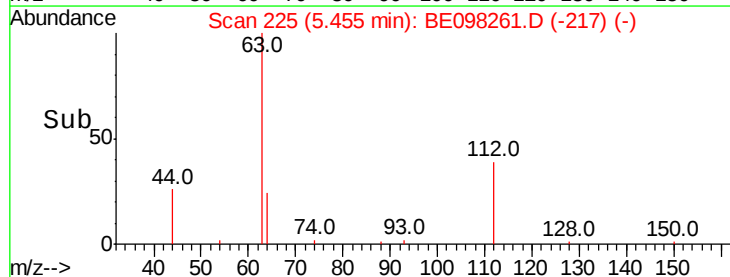
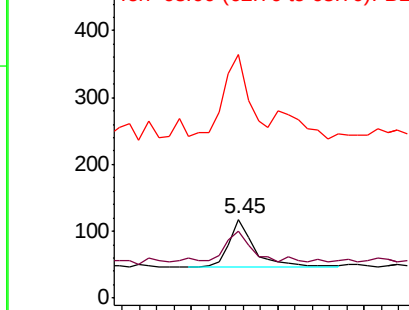


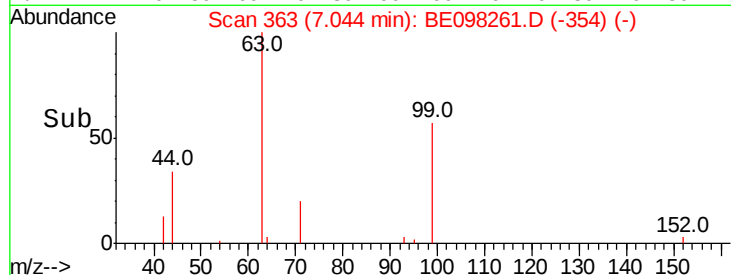
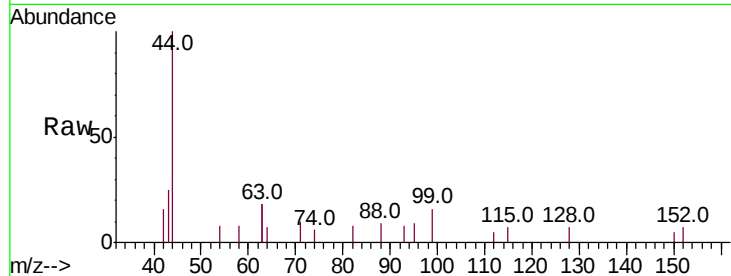
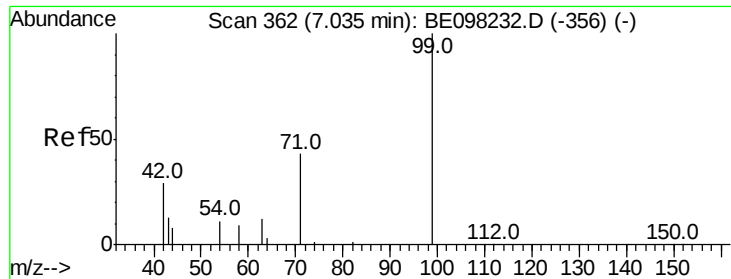
Abundance

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: 0.033 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098261.D

Acq: 21 Nov 2018 14:01

Tot Ion:	99	Resp:	210
Ion	Ratio	Lower	Upper
99	100		
42	73.8	27.1	40.7#
71	57.1	37.0	55.6#

Instrument :

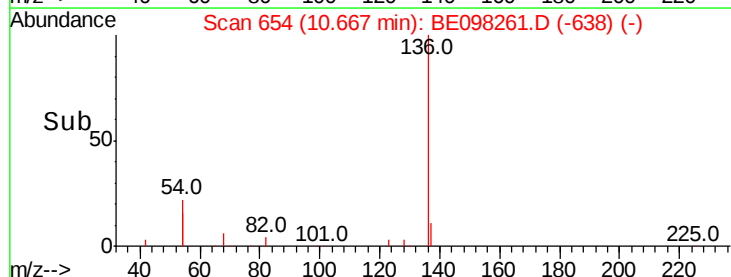
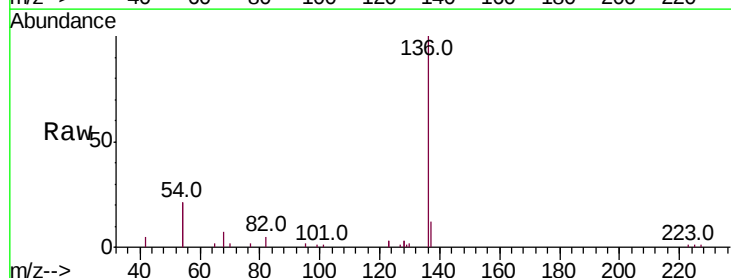
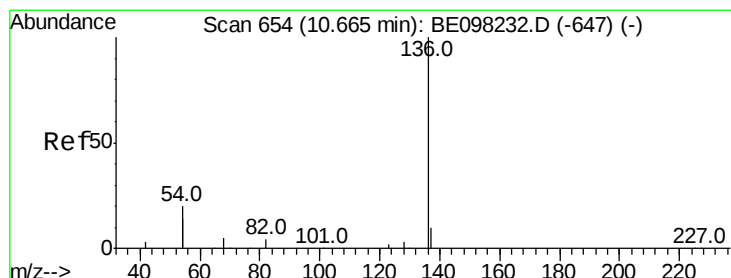
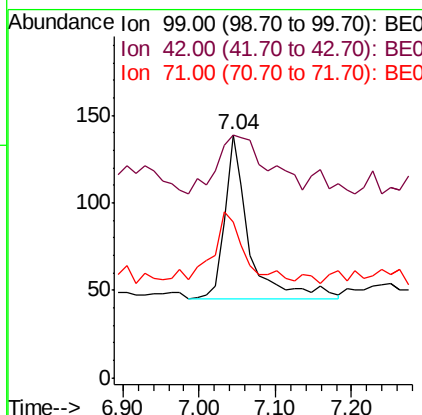
BNA_E

ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng

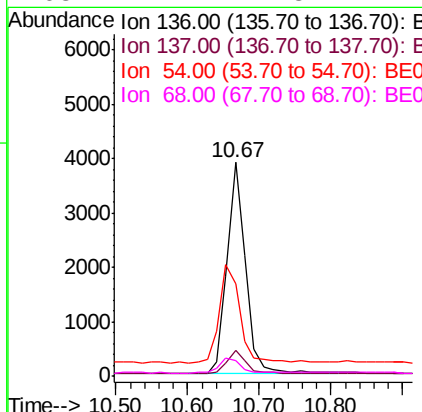
RT: 10.67 min Scan# 654

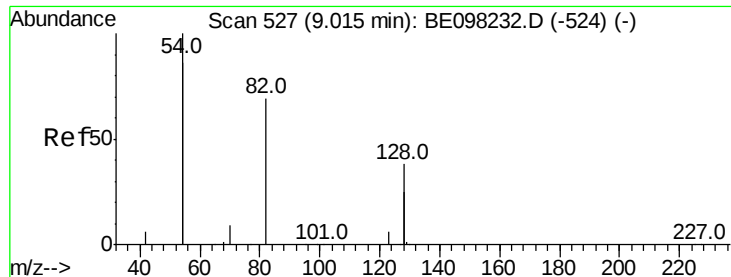
Delta R.T. 0.00 min

Lab File: BE098261.D

Acq: 21 Nov 2018 14:01

Tgt Ion:	136	Resp:	6984
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	42.9	31.3	46.9
68	7.4	4.8	7.2#





#8

Nitrobenzene-d5

Concen: 0.027 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098261.D

Acq: 21 Nov 2018 14:01

Instrument :

BNA_E

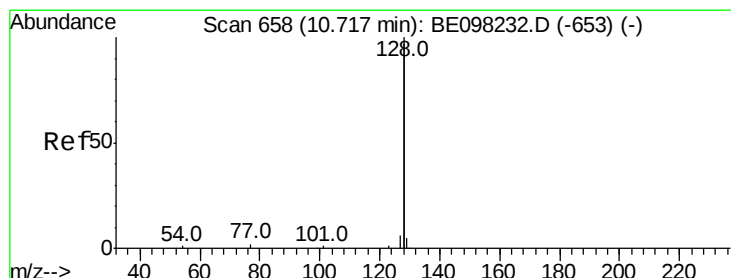
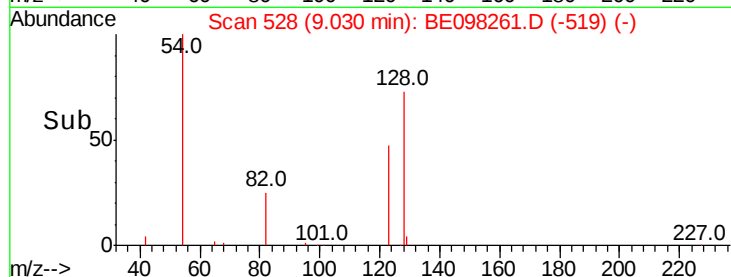
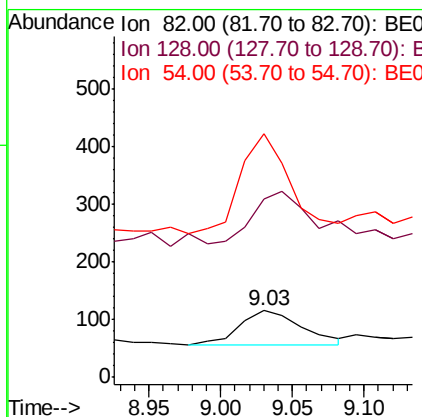
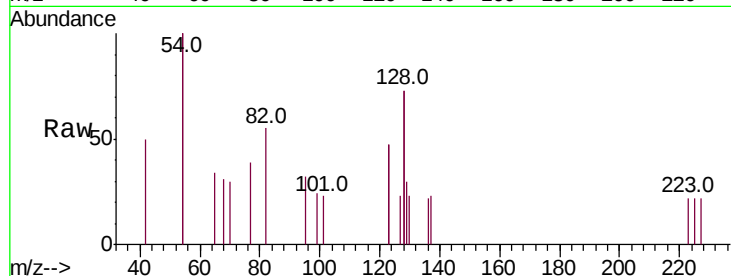
ClientSampleId :

AOC8-04A

Tot Ion	Ratio	Lower	Upper
82	100		
128	267.8	96.1	144.1#
54	367.0	232.0	348.0#

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#9

Naphthalene

Concen: 0.057 ng

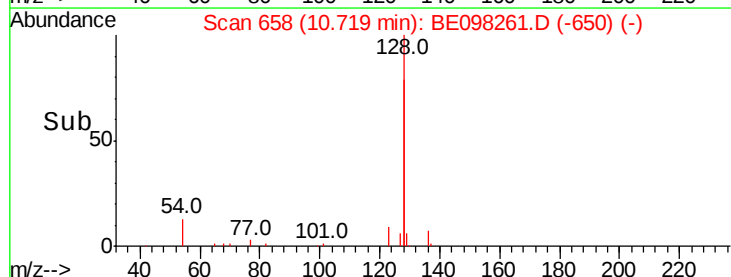
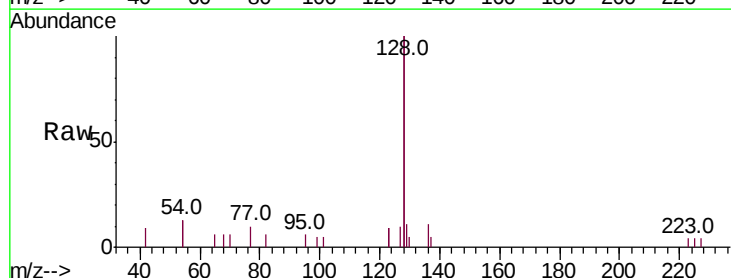
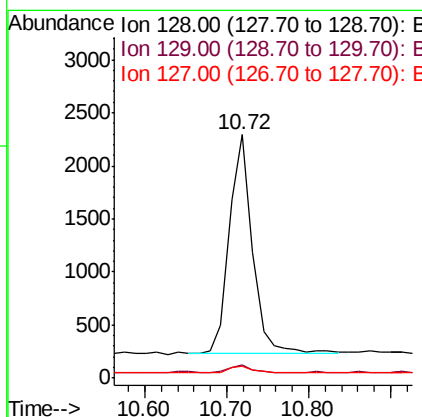
RT: 10.72 min Scan# 658

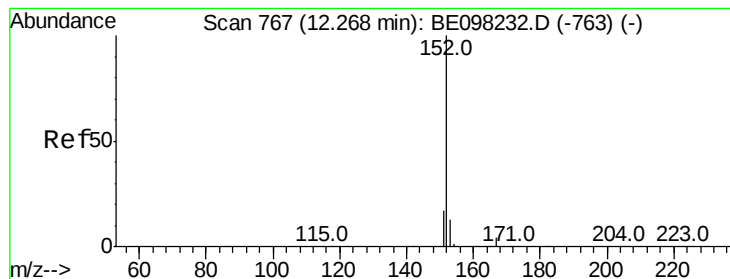
Delta R.T. 0.00 min

Lab File: BE098261.D

Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	5.4	2.6	4.0#
127	4.9	2.8	4.2#





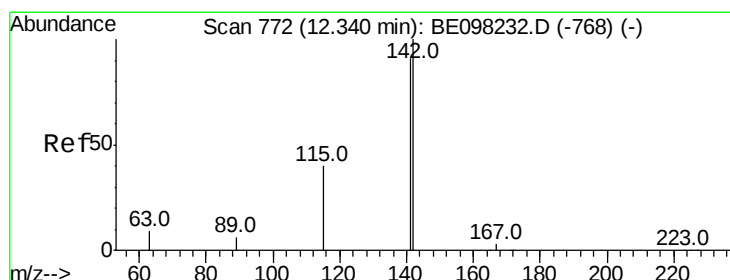
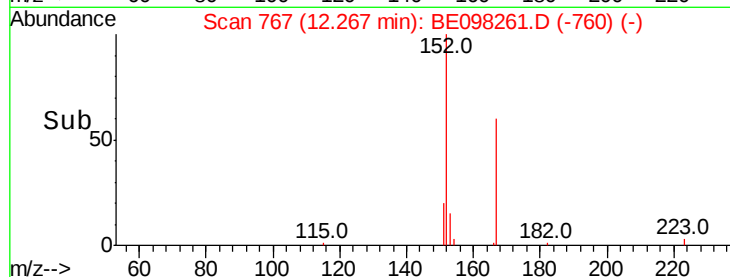
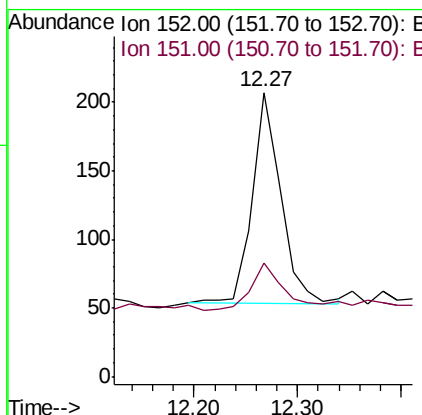
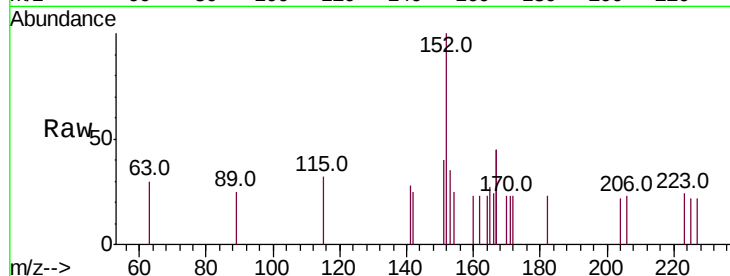
#11
 2-Methylnaphthalene-d10
 Concen: 0.024 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098261.D
 Acq: 21 Nov 2018 14:01

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-04A

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

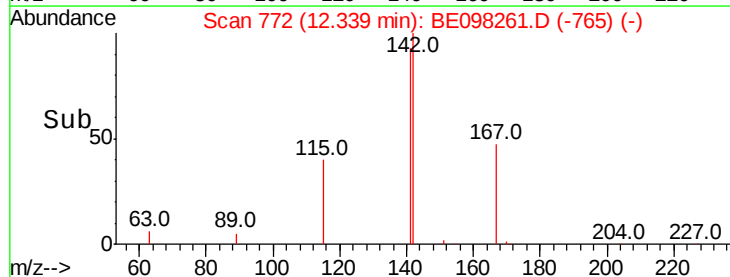
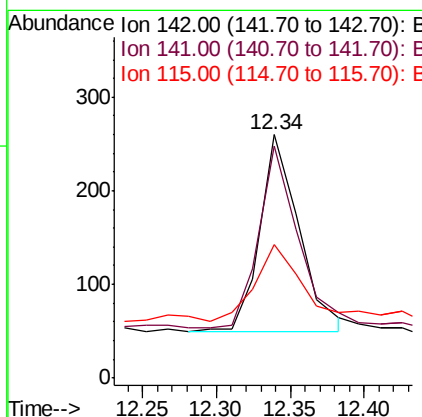
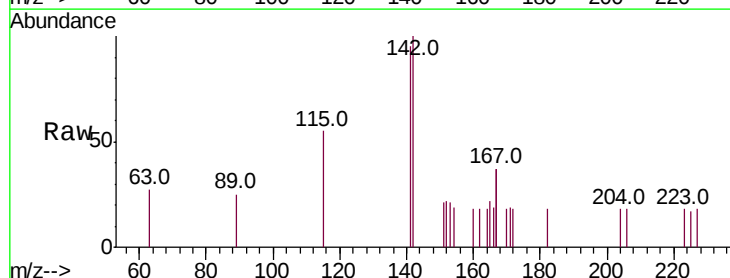
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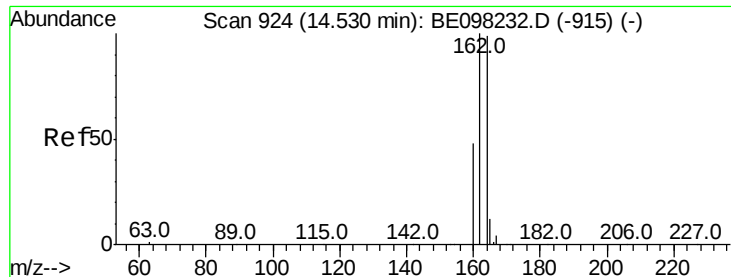
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#12
 2-Methylnaphthalene
 Concen: 0.031 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098261.D
 Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.3	114.5
115	55.0	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: BE098261.D

Acq: 21 Nov 2018 14:01

Instrument :

BNA_E

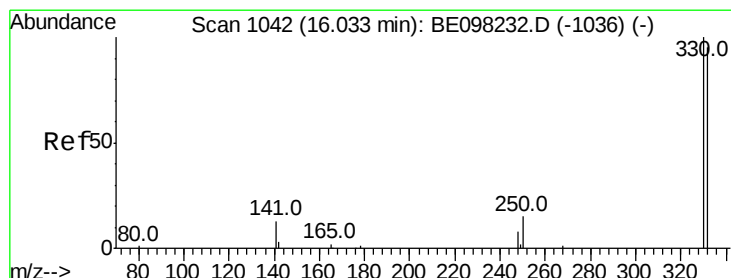
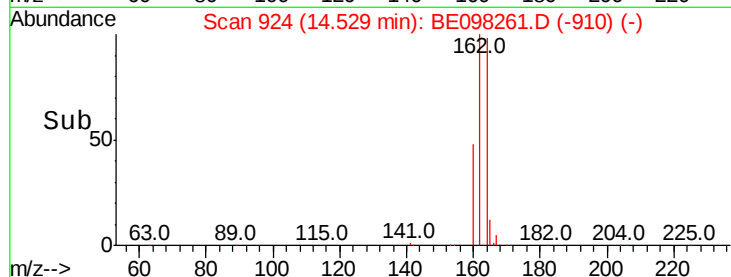
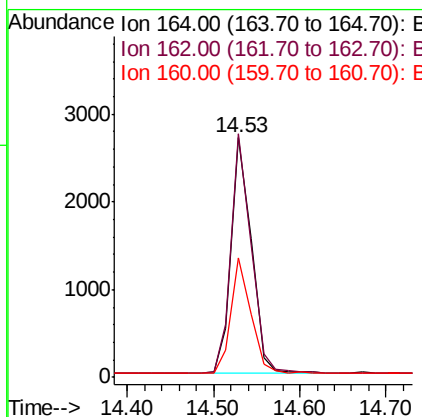
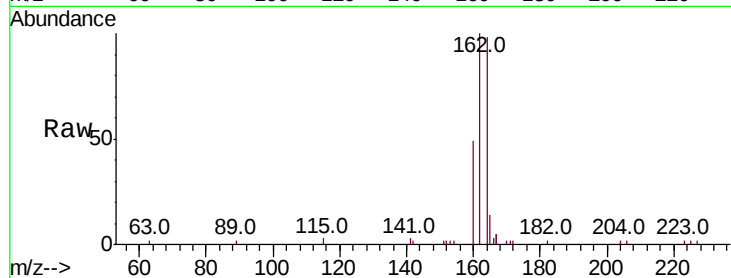
ClientSampleId :

AOC8-04A

Tot Ion:	164	Resp:	4309
Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.6
160	49.8	39.4	59.0

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#14

2,4,6-Tribromophenol

Concen: 0.041 ng

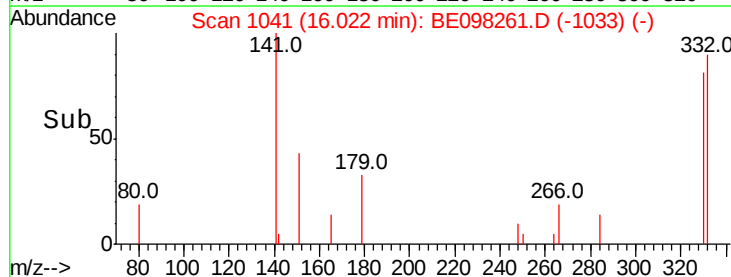
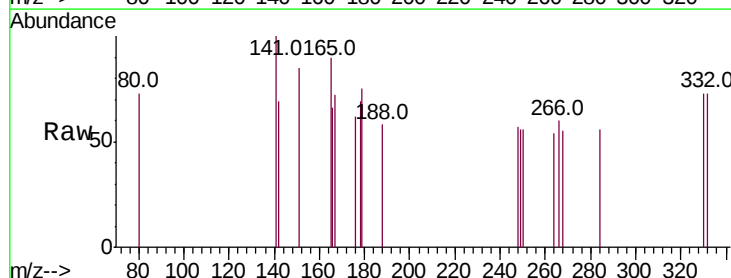
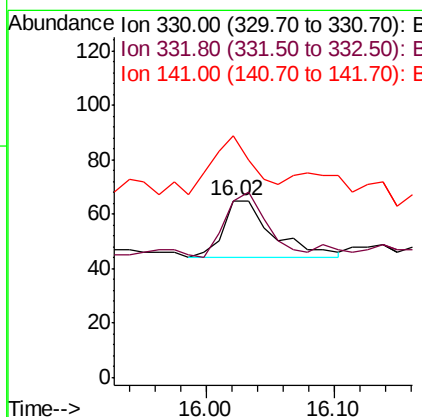
RT: 16.02 min Scan# 1041

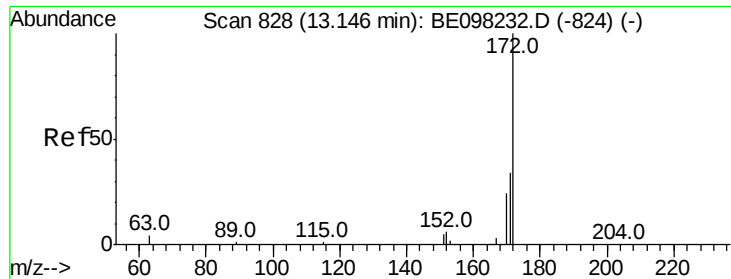
Delta R.T. -0.01 min

Lab File: BE098261.D

Acq: 21 Nov 2018 14:01

Tgt Ion:	330	Resp:	57
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.7	116.5
141	91.2	33.6	50.4#





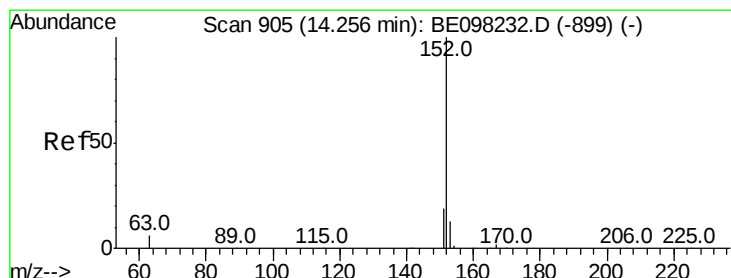
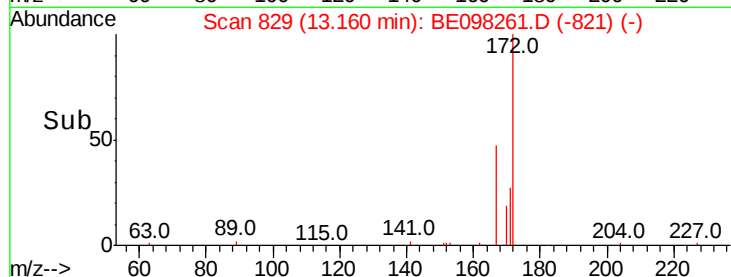
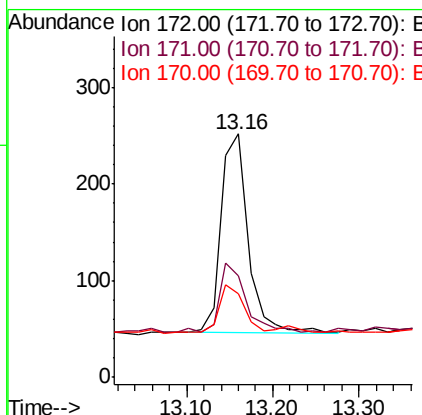
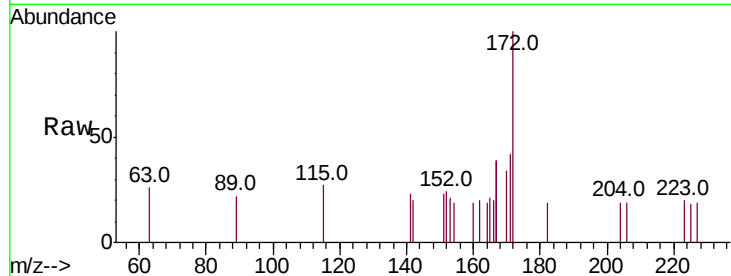
#15
2-Fluorobiphenyl
Concen: 0.024 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.7	27.3	40.9#
170	34.1	19.4	29.0#

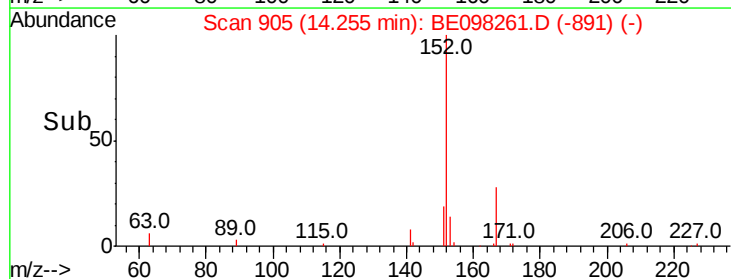
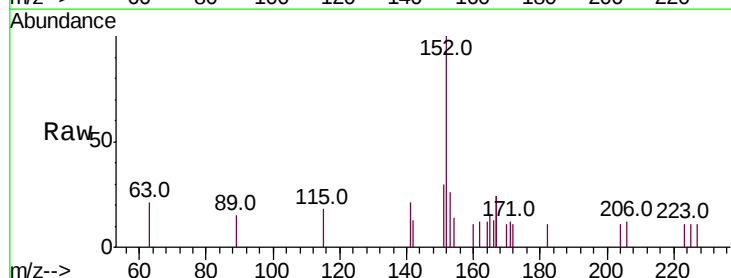
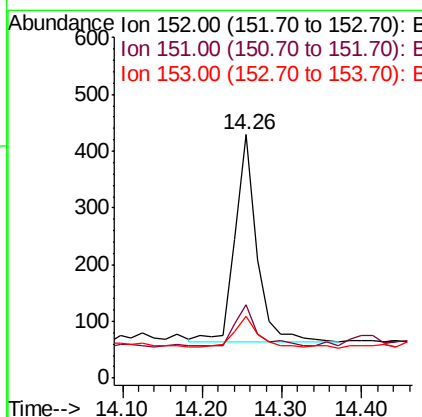
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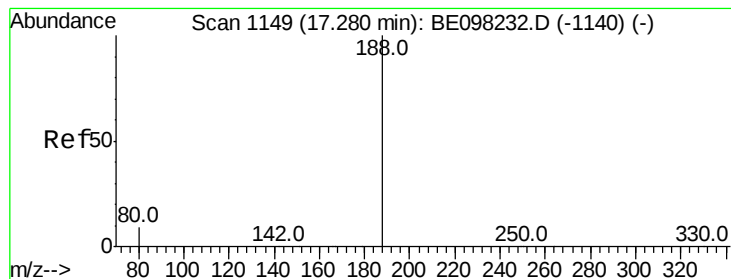
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#16
Acenaphthylene
Concen: 0.034 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.4	24.6
153	16.4	10.6	15.8#





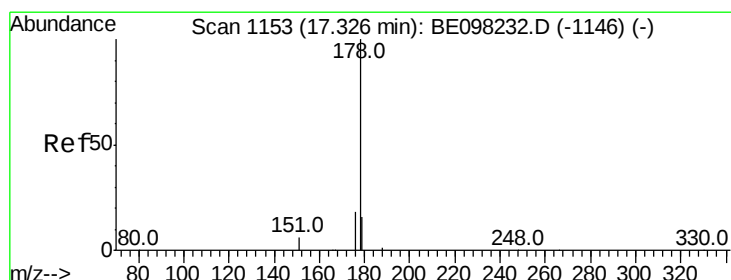
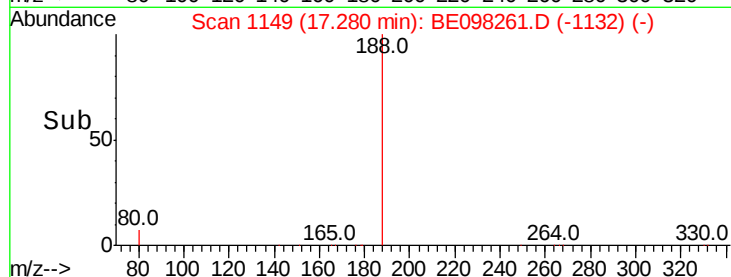
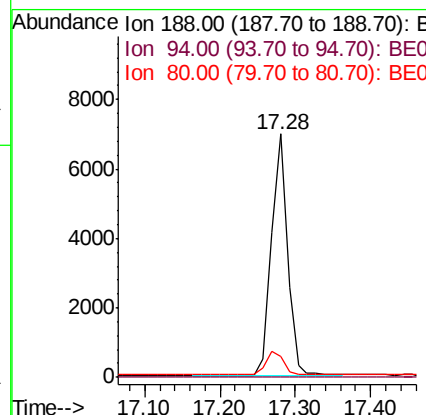
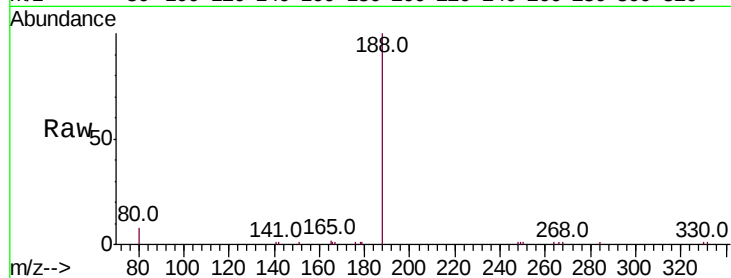
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.7	10.1

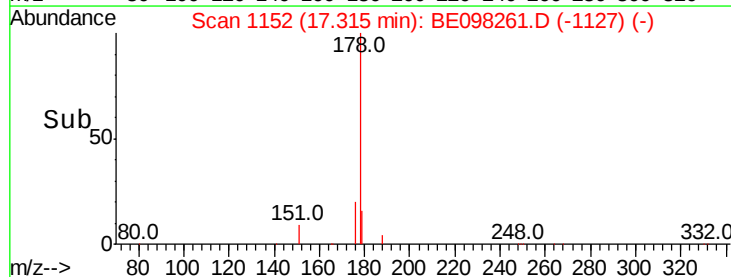
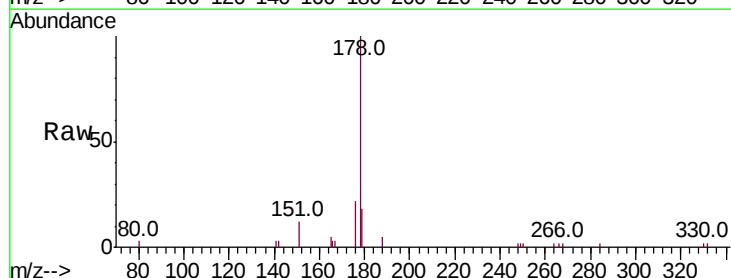
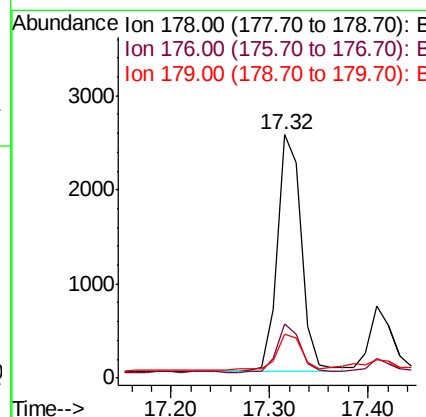
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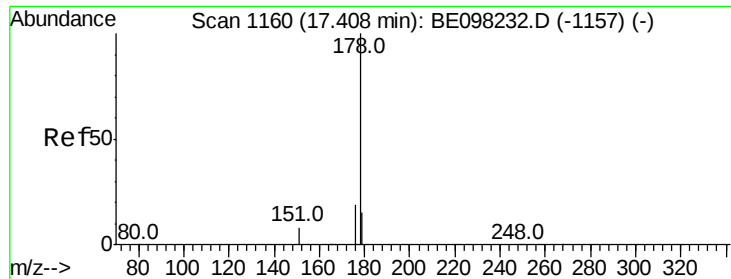
mohammad
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#23
Phenanthrene
Concen: 0.162 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.6	15.8	23.8
179	17.5	12.3	18.5





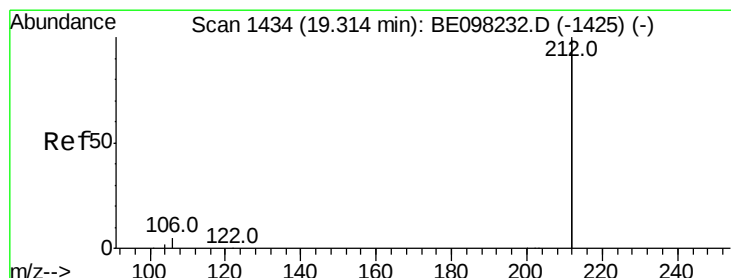
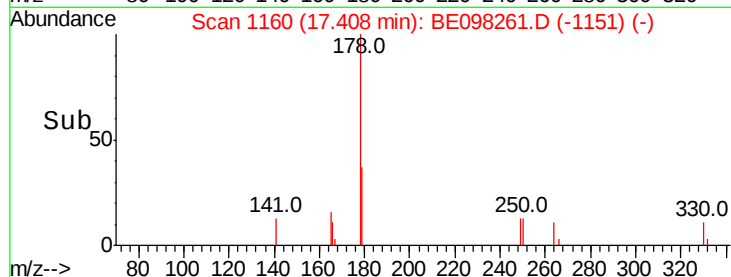
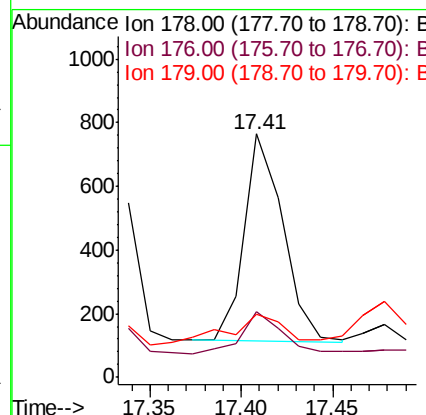
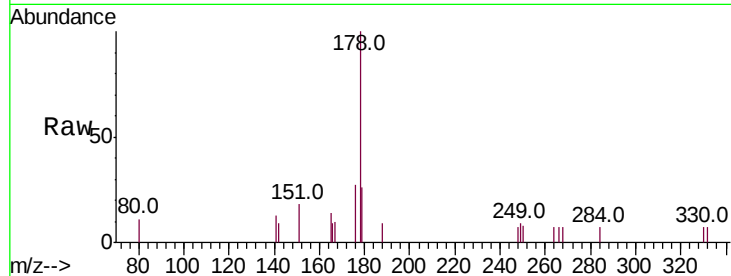
#24
 Anthracene
 Concen: 0.040 ng
 RT: 17.41 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BE098261.D
 Acq: 21 Nov 2018 14:01

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-04A

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.9	15.7	23.5
179	18.7	12.1	18.1#

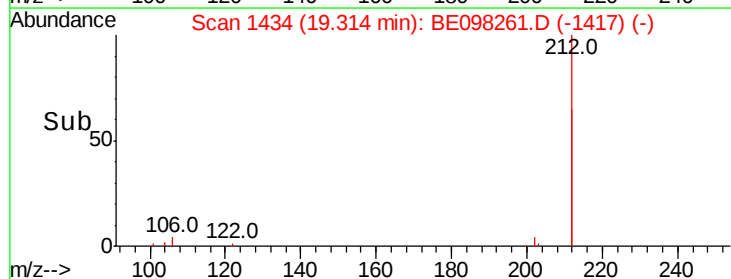
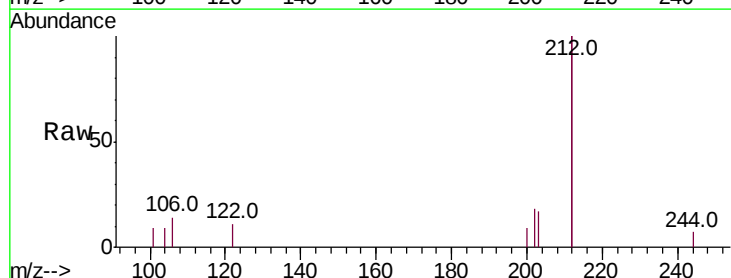
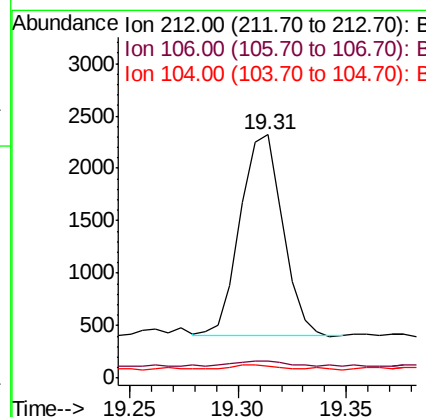
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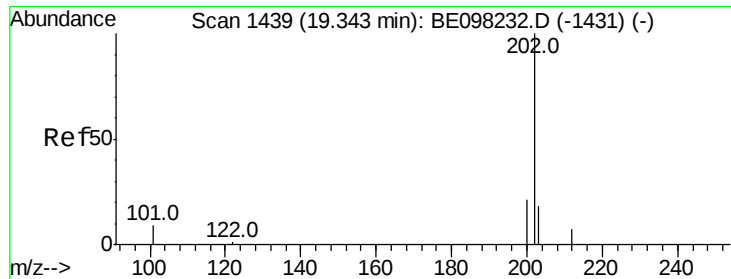
mohammad
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#25
 Fluoranthene-d10
 Concen: 0.021 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BE098261.D
 Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
212	100		
106	4.2	1.8	2.8#
104	2.0	1.1	1.7#





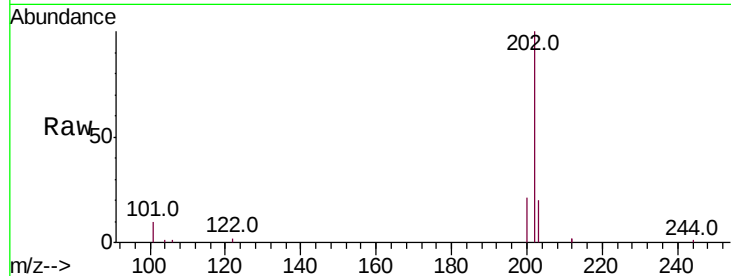
#26
 Fluoranthene
 Concen: 0.427 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE098261.D
 Acq: 21 Nov 2018 14:01

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-04A

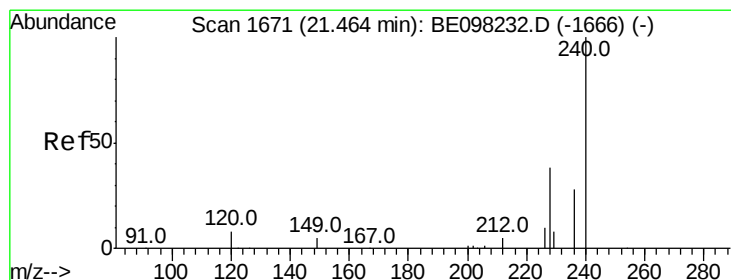
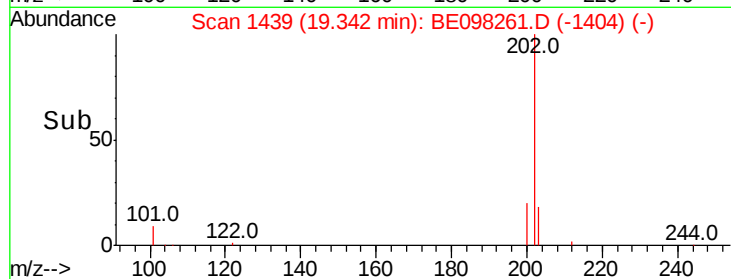
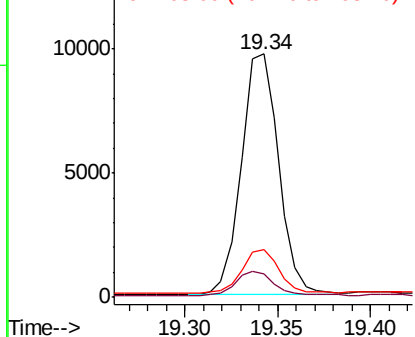
Tot Ion	Ratio	Resp	Lower	Upper
202	100	13541		
101	10.0		7.0	10.6
203	17.9		13.7	20.5

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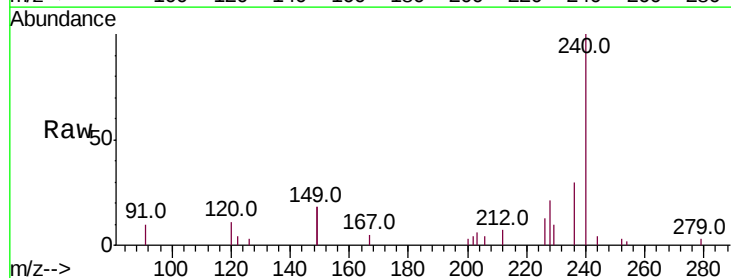


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

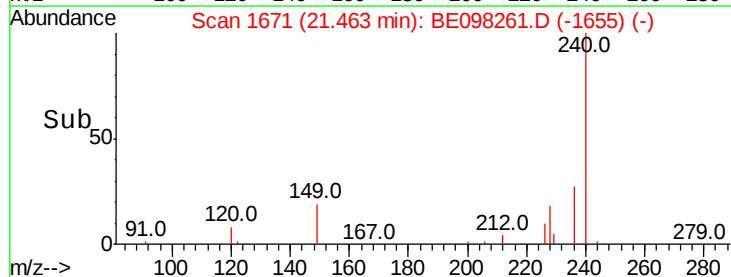
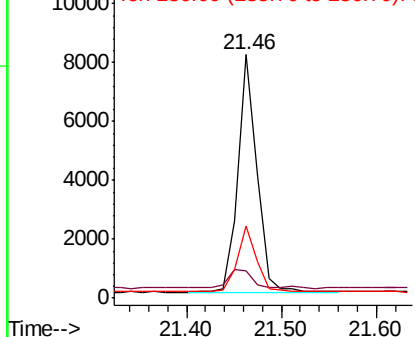


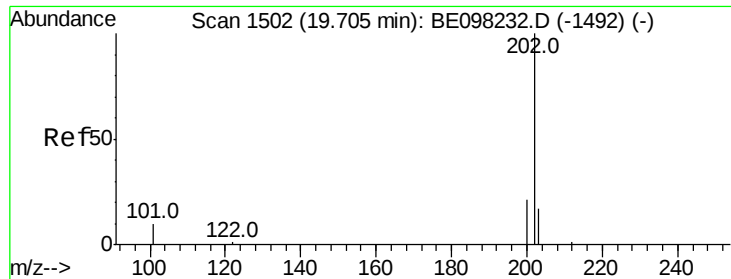
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098261.D
 Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	11160		
120	11.3		4.8	7.2#
236	29.6		21.4	32.0



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





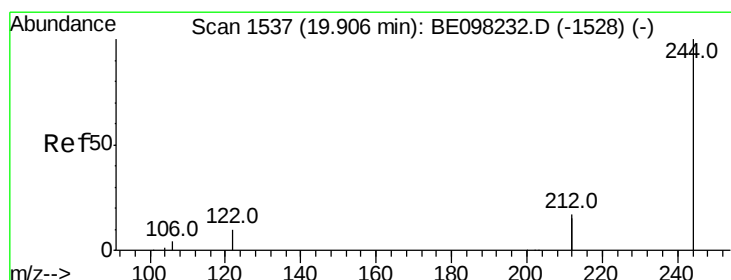
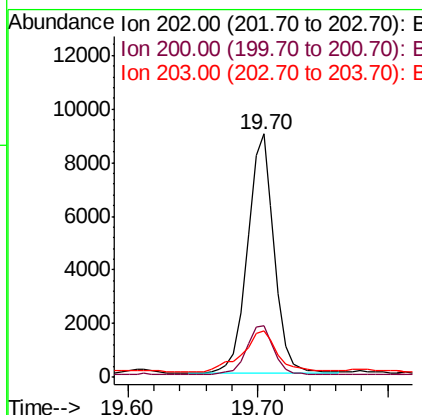
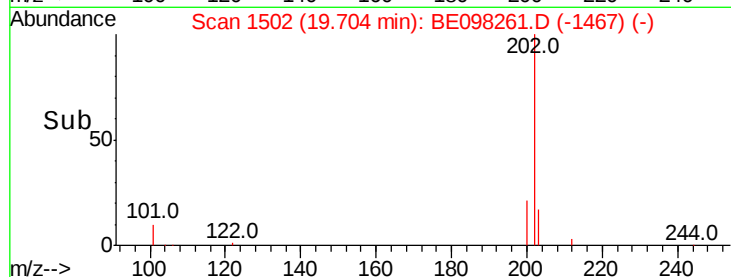
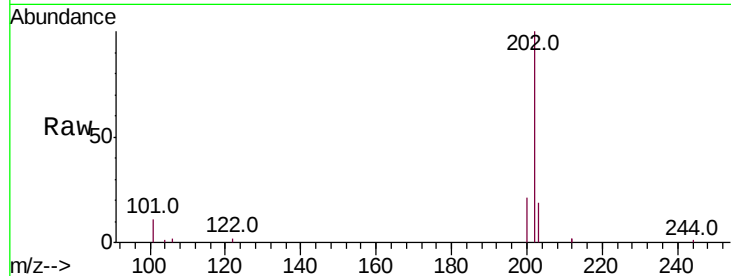
#28
Pvrene
Concen: 0.389 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	22.0	14.2	21.4#

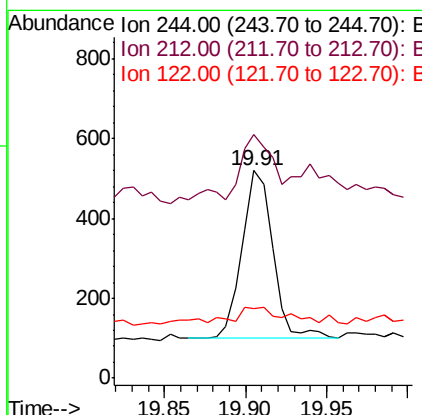
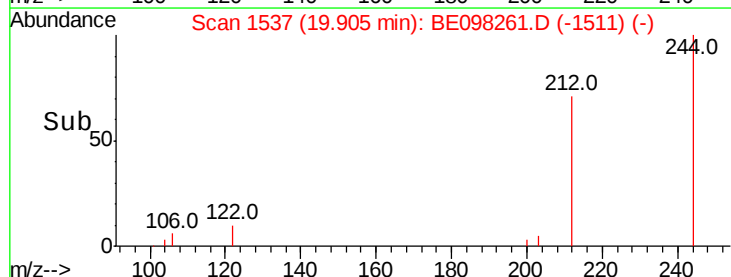
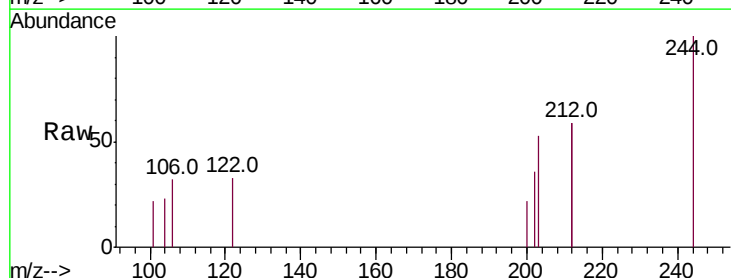
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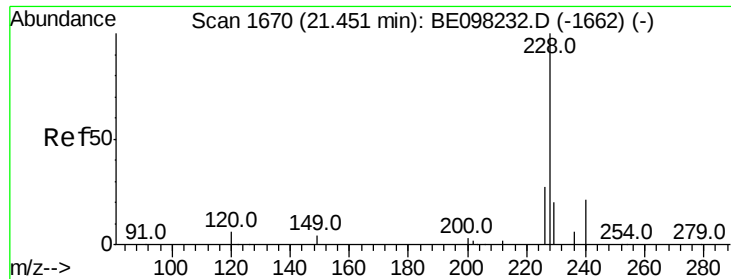
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#29
Terphenyl-d14
Concen: 0.022 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	117.3	26.8	40.2#
122	33.5	7.0	10.6#





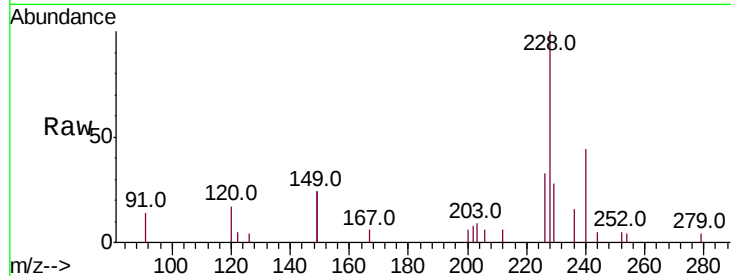
#30
Benzo(a)anthracene
Concen: 0.308 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

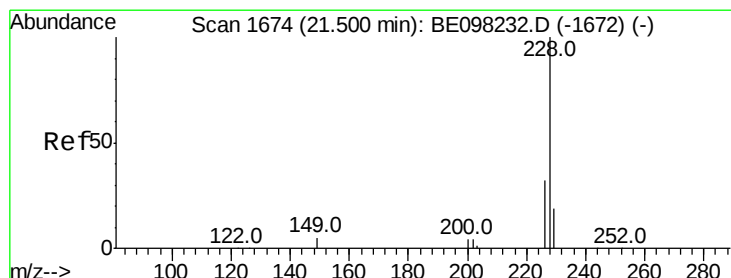
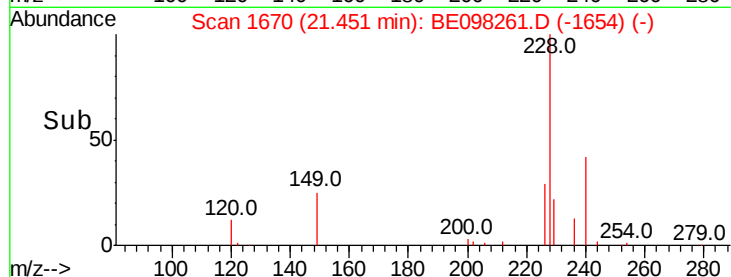
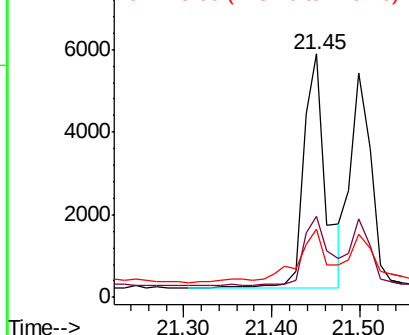
Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	20.7	31.1#
229	28.0	16.2	24.4#

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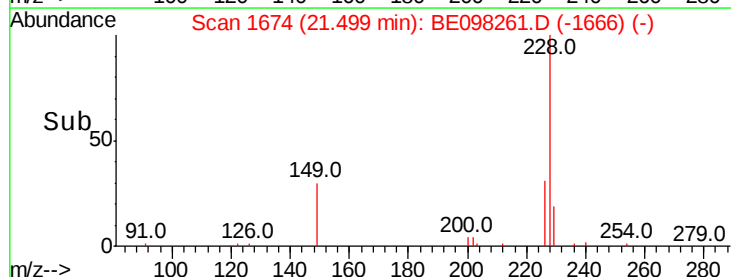
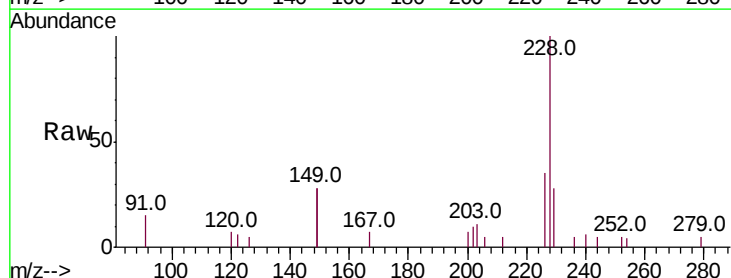
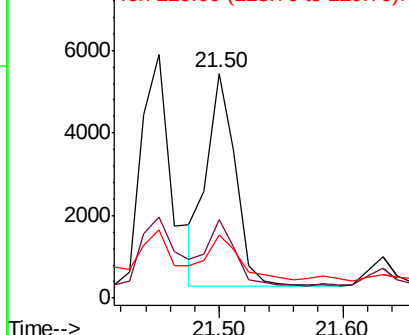
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

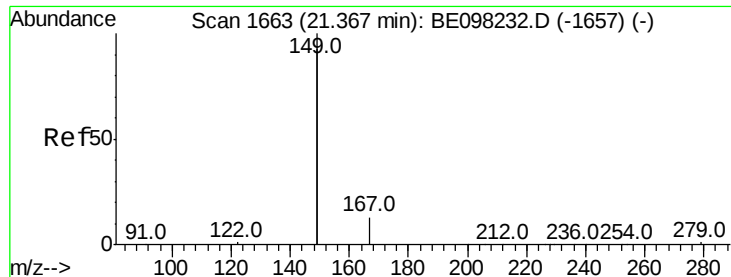


#31
Chrysene
Concen: 0.250 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.6	36.8
229	28.1	16.0	24.0#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





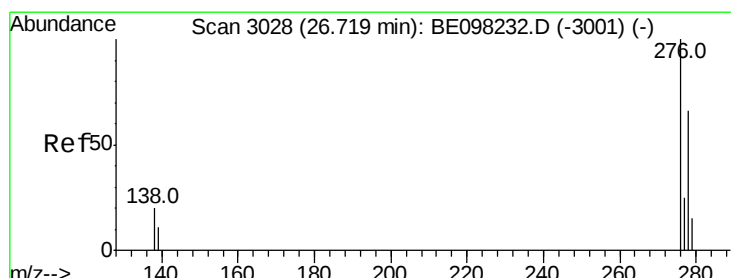
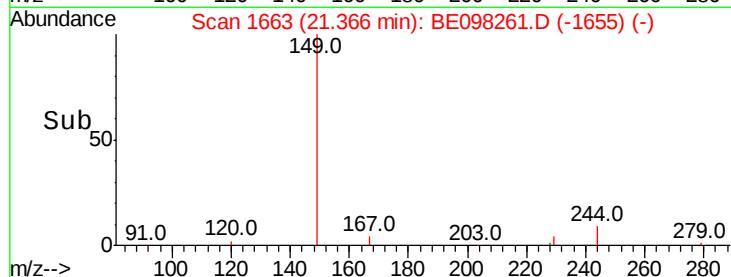
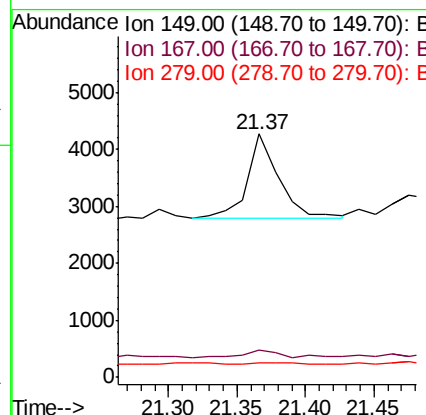
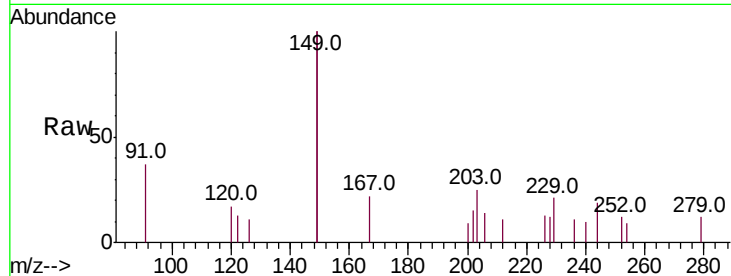
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tot Ion	Ratio	Lower	Upper
149	100		
167	9.7	5.6	8.4#
279	3.3	0.9	1.3#

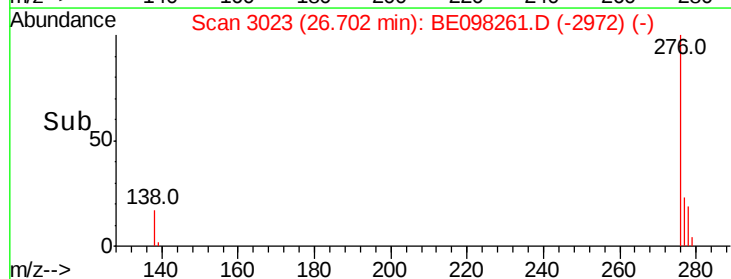
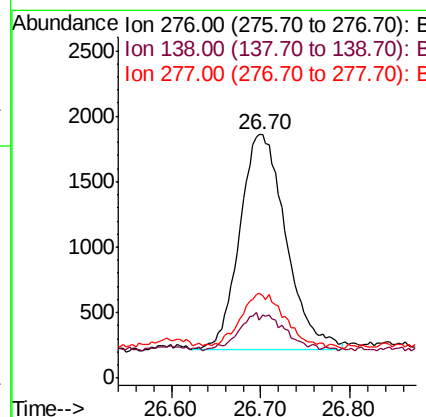
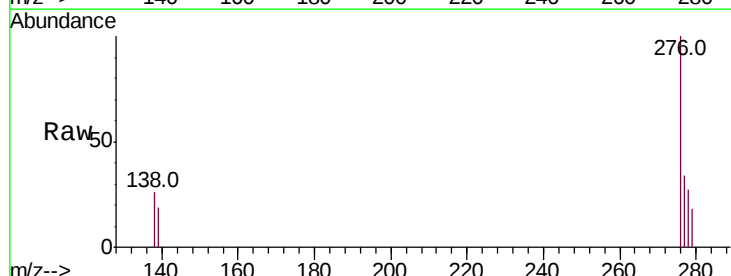
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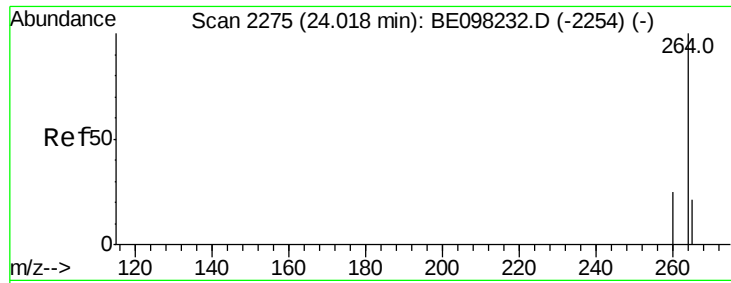
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#33
Indeno(1,2,3-cd)pyrene
Concen: 0.207 ng
RT: 26.70 min Scan# 3023
Delta R.T. -0.02 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.4	6.4	9.6
277	23.3	18.9	28.3





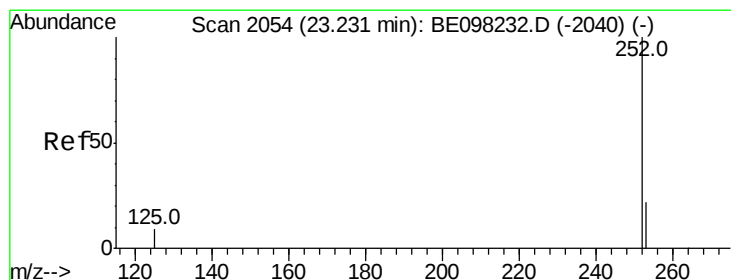
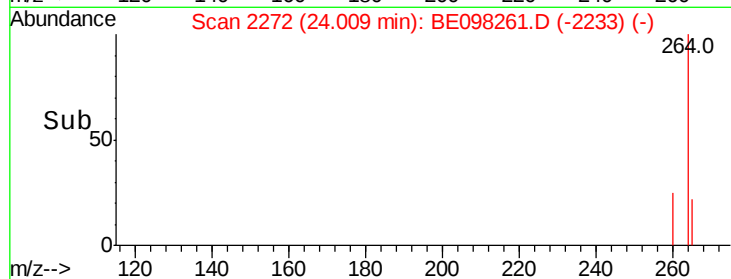
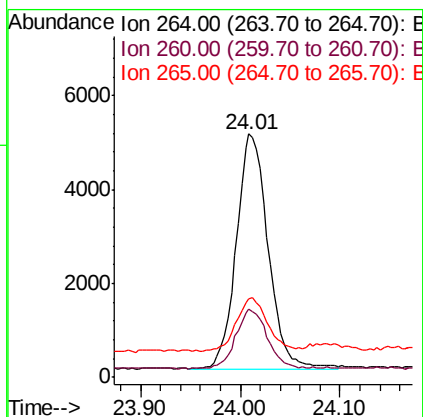
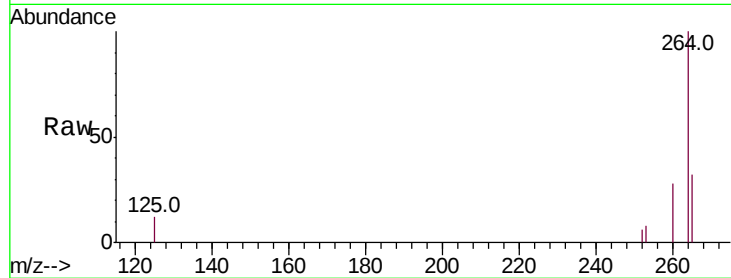
#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BE098261.D
 Acq: 21 Nov 2018 14:01

Instrument :
 BNA_E
 ClientSampleId :
 AOC8-04A

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.9	19.9	29.9
265	32.0	21.3	31.9

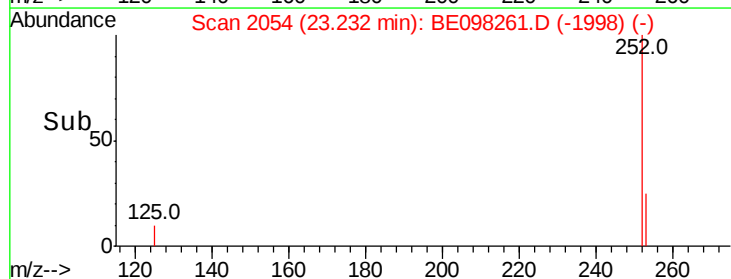
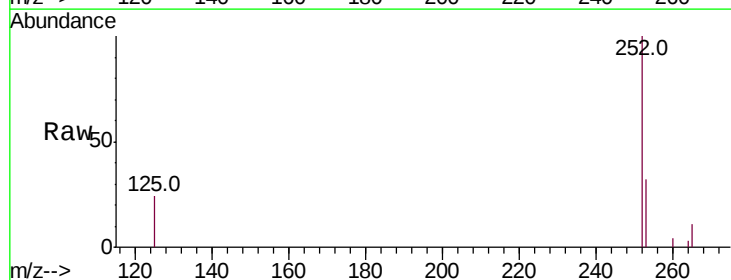
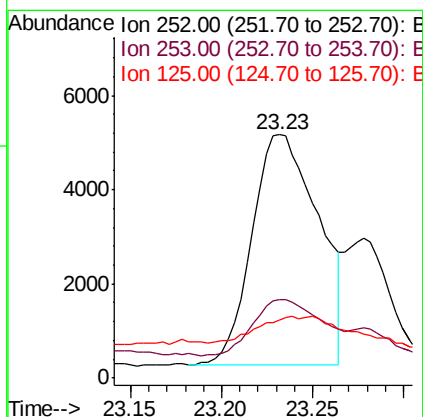
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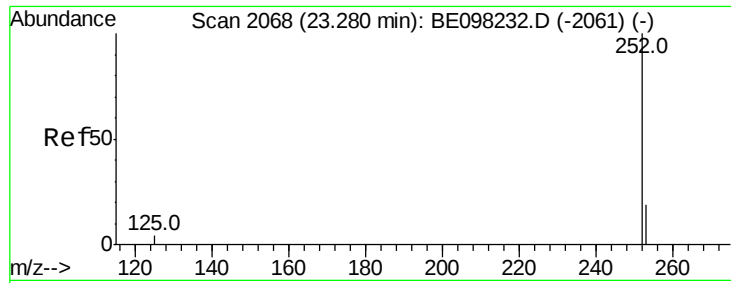
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#35
 Benzo(b)fluoranthene
 Concen: 0.393 ng
 RT: 23.23 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BE098261.D
 Acq: 21 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.0	19.4	29.0
125	23.9	8.6	12.8





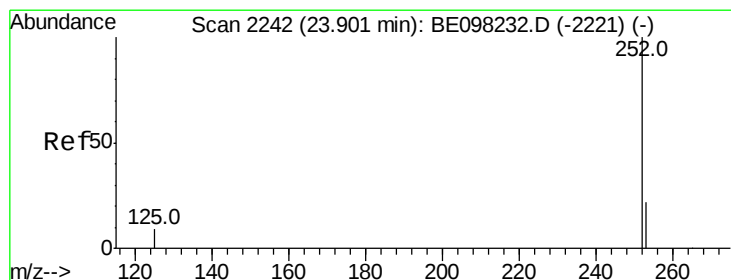
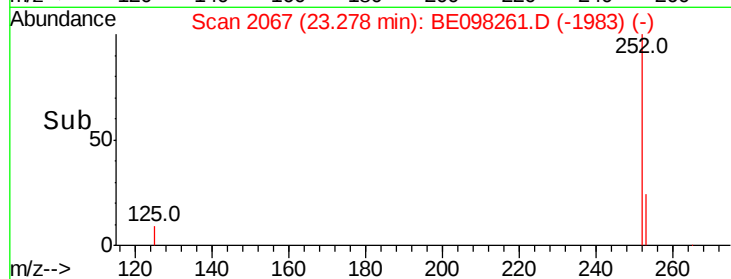
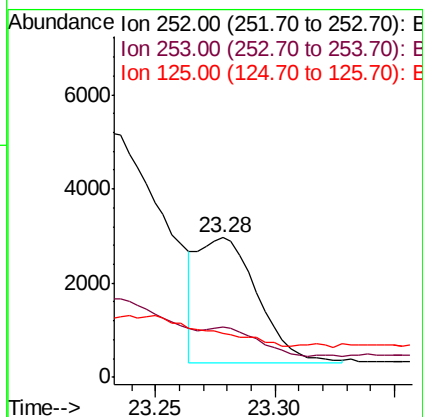
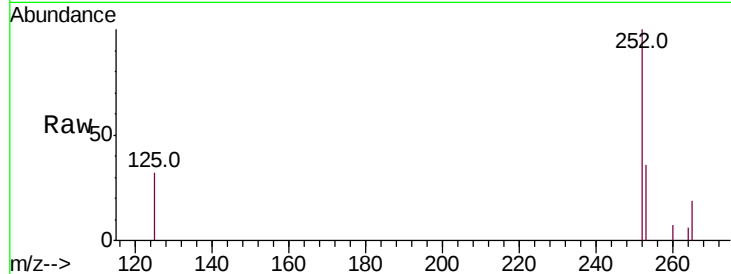
#36
Benzo(k)fluoranthene
Concen: 0.129 ng m
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Instrument :
BNA_E
ClientSampleId :
AOC8-04A

Tot Ion:252 Resp: 4609
Ion Ratio Lower Upper
252 100
253 36.0 18.6 28.0#
125 31.7 7.4 11.0#

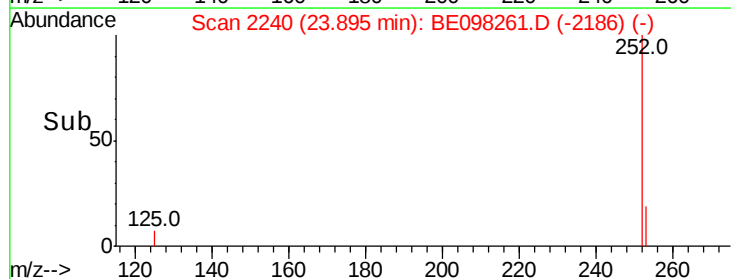
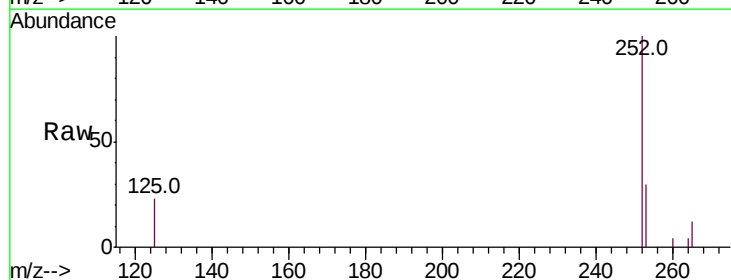
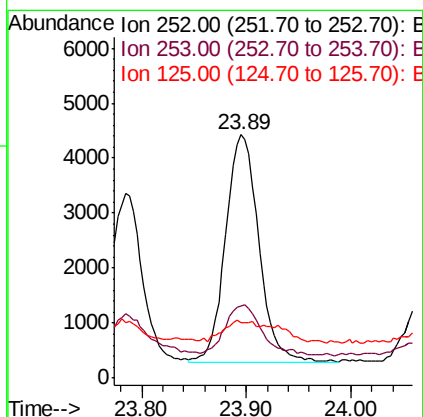
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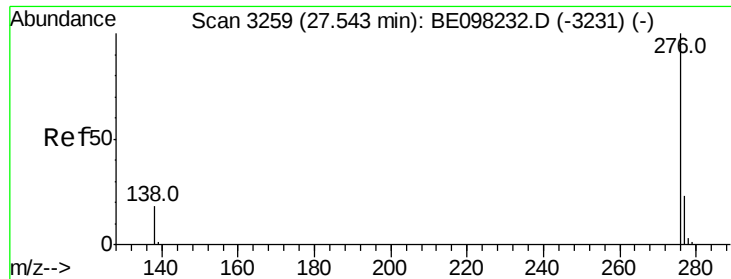
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#37
Benzo(a)pyrene
Concen: 0.292 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BE098261.D
Acq: 21 Nov 2018 14:01

Tgt Ion:252 Resp: 9055
Ion Ratio Lower Upper
252 100
253 29.8 18.6 27.8#
125 22.8 8.0 12.0#





#39

Benzo(a,h,i)perylene

Concen: 0.215 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BE098261.D

Acq: 21 Nov 2018 14:01

Instrument :

BNA_E

ClientSampleId :

AOC8-04A

Tot Ion:	276	Resp:	5762
Ion Ratio	Lower	Upper	
276	100		
277	34.9	20.4	30.6#
138	25.9	13.2	19.8#

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