

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
 Data File : BE098237.D
 Acq On : 16 Nov 2018 19:45
 Operator : SJ/JU
 Sample : J5957-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 W-1

Manual Integrations
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Sohil
 11/19/2018 3:44:03 PM

Quant Time: Nov 16 22:59:27 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	1264	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6155	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4120	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9614	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10458	0.40	ng	0.00
34) Perylene-d12	24.01	264	9900	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	397	0.12	ng	0.00
5) Phenol-d6	7.04	99	399	0.07	ng	0.00
8) Nitrobenzene-d5	9.03	82	1693	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3021	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	448	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	5020	0.28	ng	0.00
25) Fluoranthene-d10	19.31	212	35814	0.31	ng	0.00
29) Terphenyl-d14	19.91	244	5958	0.25	ng	0.00

Target Compounds					Qvalue	
16) Acenaphthylene	14.26	152	3268	0.167	ng	99
17) Acenaphthene	14.60	154	1122	0.096	ng	96
18) Fluorene	15.58	166	1162	0.078	ng	# 97
23) Phenanthrene	17.31	178	4669	0.189	ng	97
24) Anthracene	17.41	178	3328	0.148	ng	99
26) Fluoranthene	19.34	202	6458	0.218	ng	# 95
28) Pyrene	19.70	202	10671	0.349	ng	# 96
30) Benzo(a)anthracene	21.45	228	2515	0.083	ng	# 65
31) Chrysene	21.50	228	1871	0.060	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.37	149	18896	0.401	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	7100	0.266	ng	# 93
35) Benzo(b)fluoranthene	23.23	252	4975	0.178	ng	# 81
36) Benzo(k)fluoranthene	23.28	252	1503m	0.048	ng	
37) Benzo(a)pyrene	23.90	252	3777	0.138	ng	# 80
38) Dibenzo(a,h)anthracene	26.72	278	1394	0.063	ng	# 65
39) Benzo(g,h,i)perylene	27.53	276	14065	0.593	ng	97

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

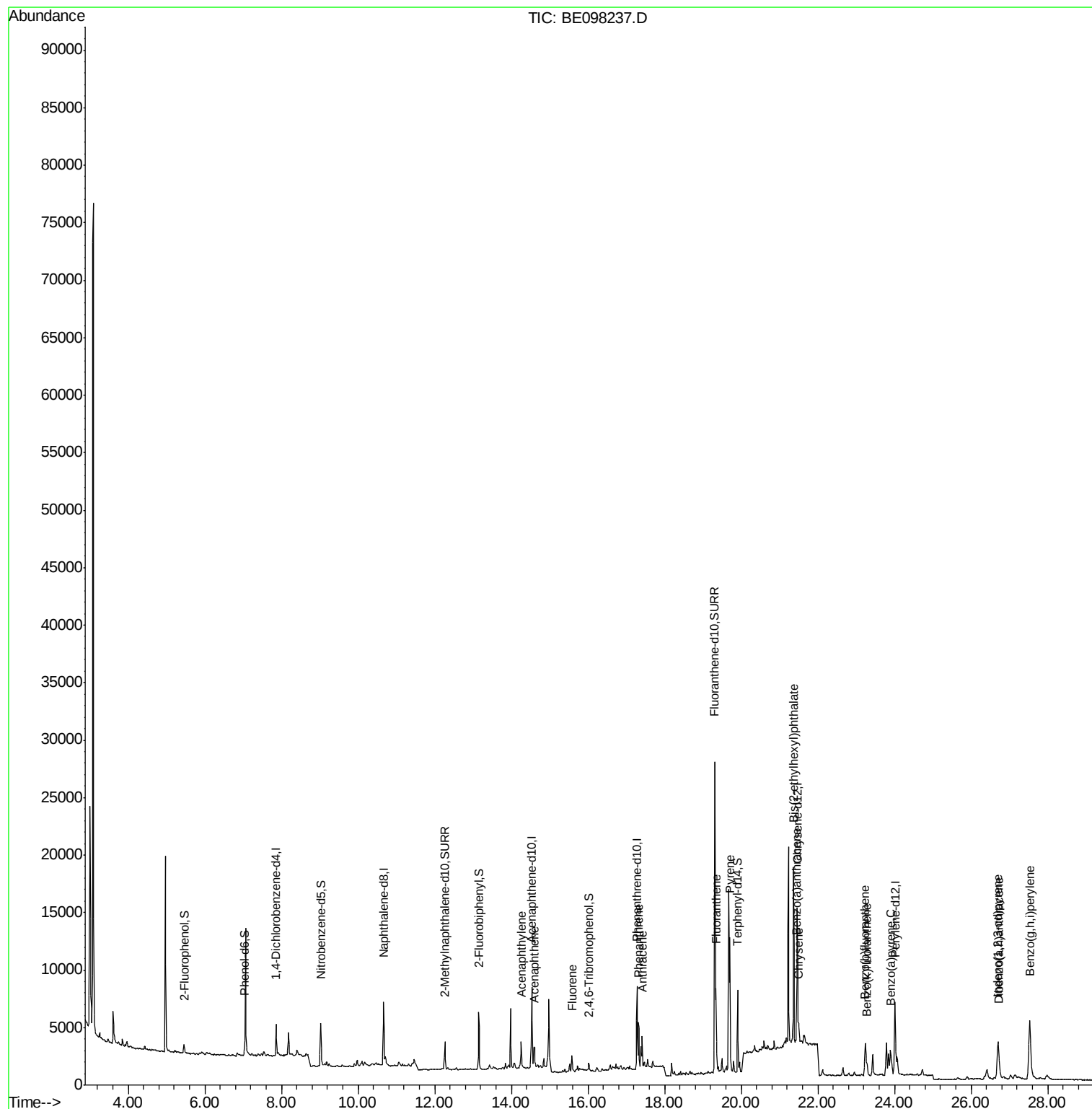
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\
Data File : BE098237.D
Acq On : 16 Nov 2018 19:45
Operator : SJ/JU
Sample : J5957-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

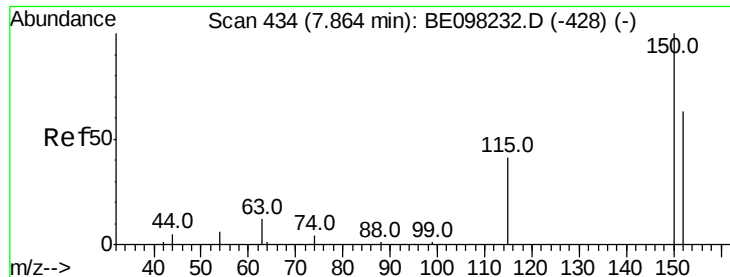
Instrument :
BNA_E
ClientSampled :
W-1

Quant Time: Nov 16 22:59:27 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
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#1

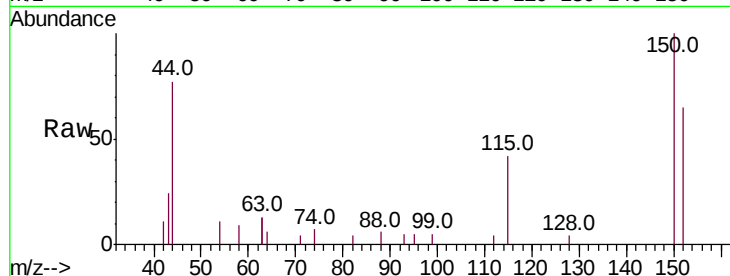
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Instrument :
BNA_E
ClientSampleId :
W-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.5	191.3
115	64.4	60.3	90.5

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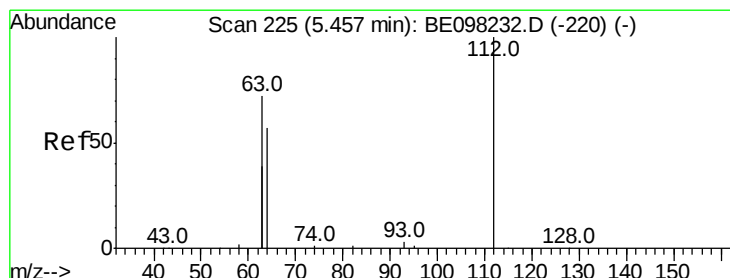
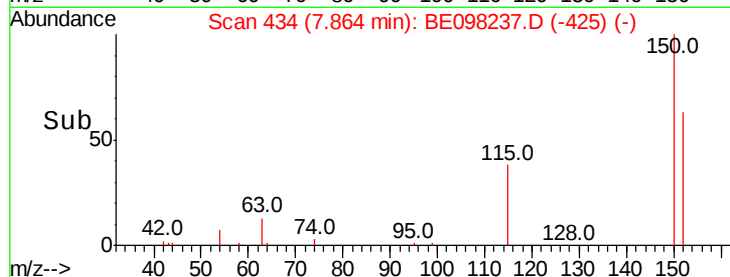
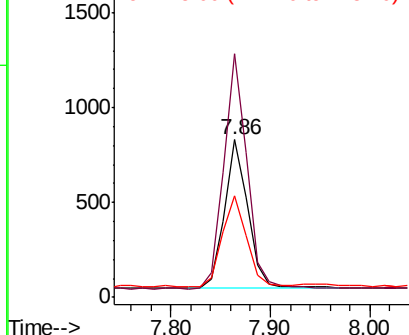


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

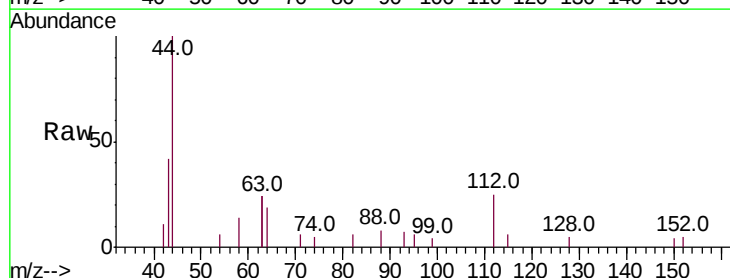
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.117 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.1	61.7	92.5
63	194.5	136.2	204.2

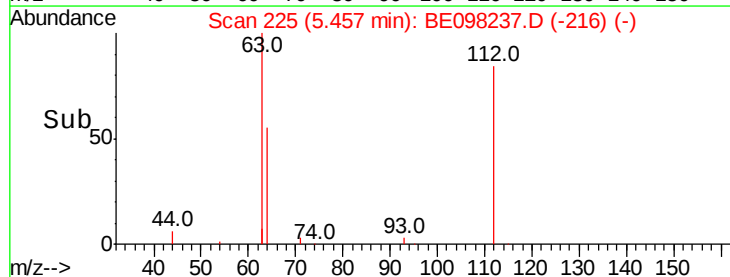
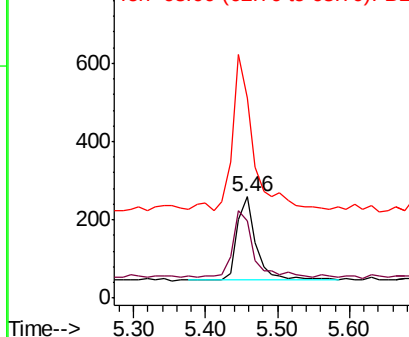


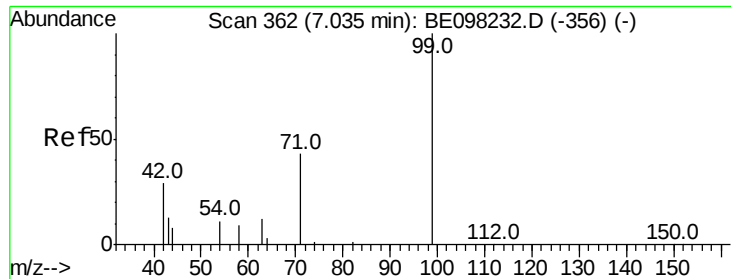
Abundance

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: 0.075 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

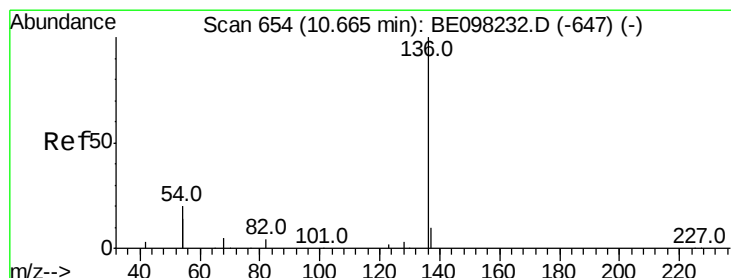
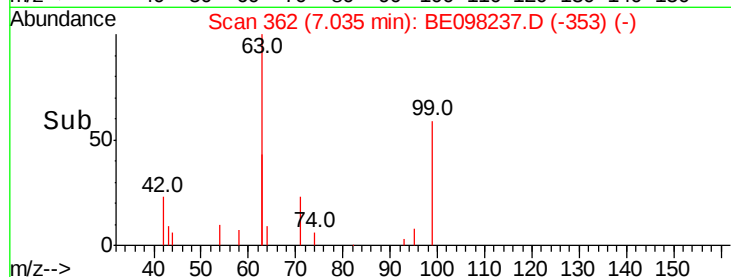
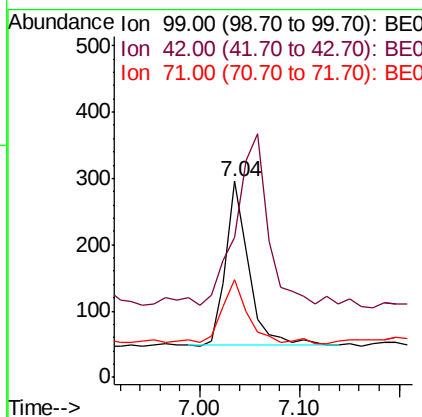
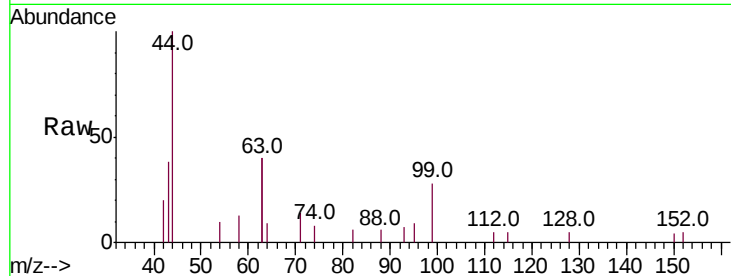
ClientSampled :

W-1

Tot Ion:	99	Resp:	399
Ion	Ratio	Lower	Upper
99	100		
42	0.0	27.1	40.7#
71	37.8	37.0	55.6

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#7

Naphthalene-d8

Concen: 0.400 ng

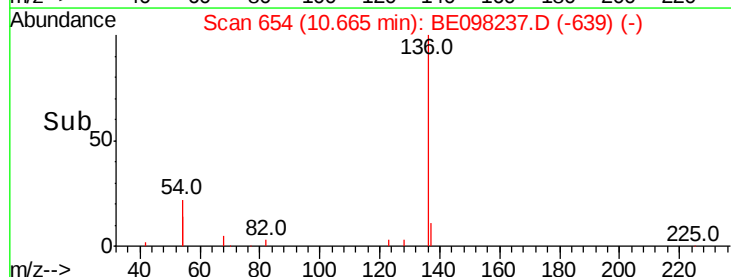
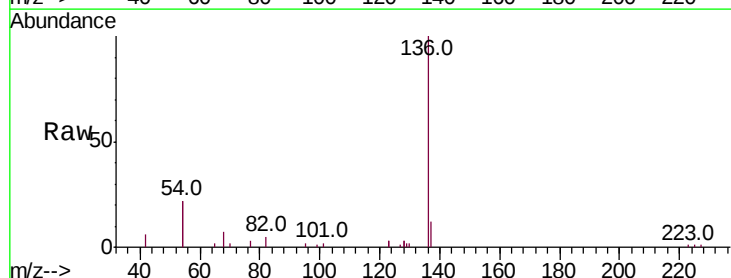
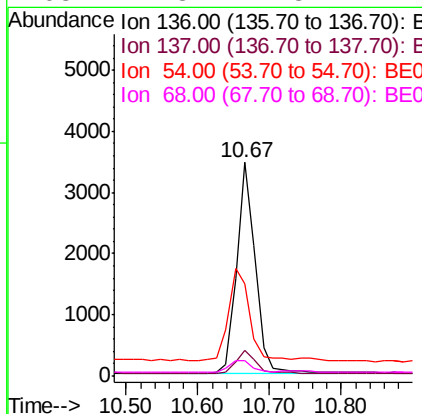
RT: 10.67 min Scan# 654

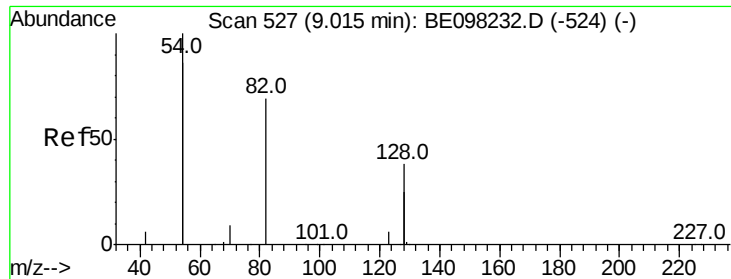
Delta R.T. 0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Tgt Ion:	136	Resp:	6155
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	43.3	31.3	46.9
68	7.3	4.8	7.2#





#8

Nitrobenzene-d5

Concen: 0.291 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

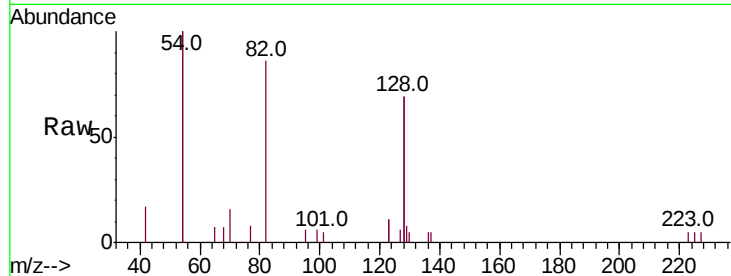
ClientSampleId :

W-1

Tot Ion	82	Resp	1693
Ion	Ratio	Lower	Upper
82	100		
128	159.6	96.1	144.1#
54	232.9	232.0	348.0

Manual Integrations
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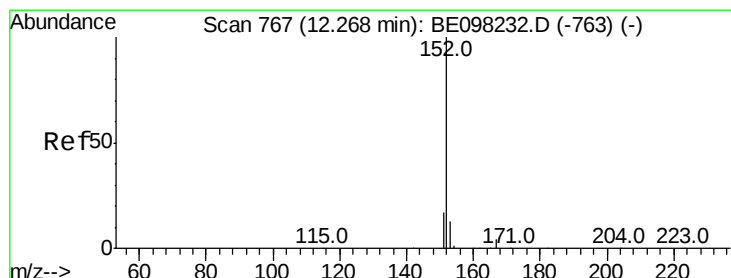
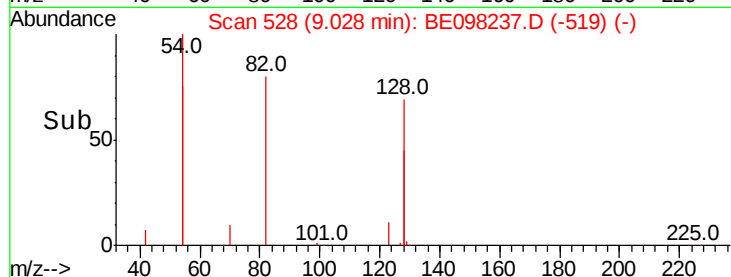
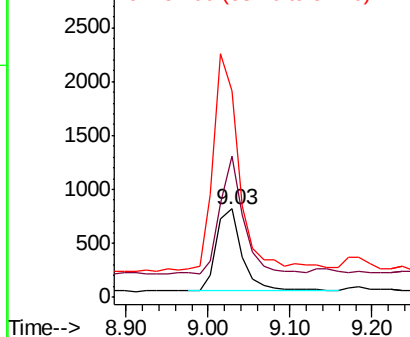
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Abundance Ion 82.00 (81.70 to 82.70): BE098237.D (-519) (-)

Ion 128.00 (127.70 to 128.70): BE098237.D (-519) (-)

Ion 54.00 (53.70 to 54.70): BE098237.D (-519) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.280 ng

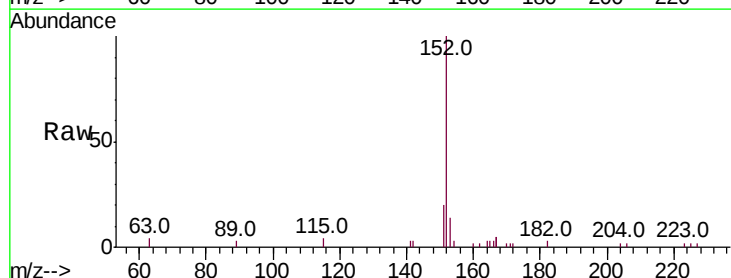
RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098237.D

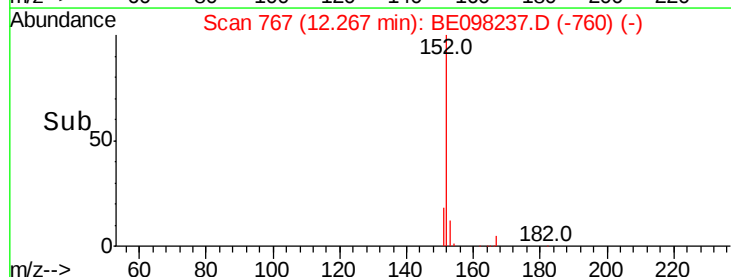
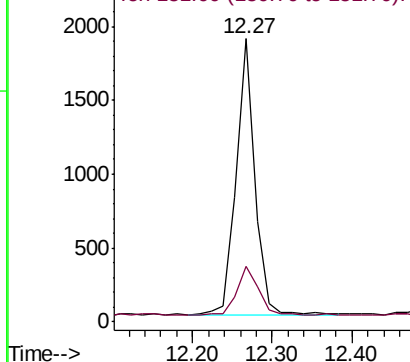
Acq: 16 Nov 2018 19:45

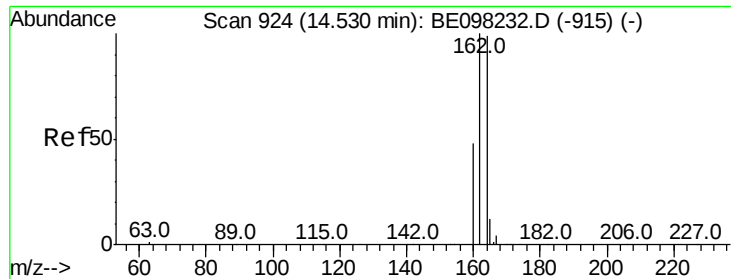
Tgt Ion	152	Resp	3021
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2



Abundance Ion 152.00 (151.70 to 152.70): BE098237.D (-760) (-)

Ion 151.00 (150.70 to 151.70): BE098237.D (-760) (-)





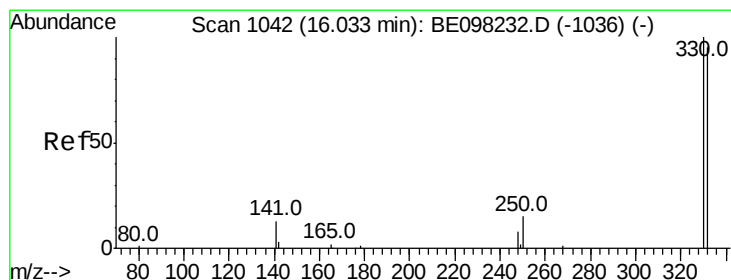
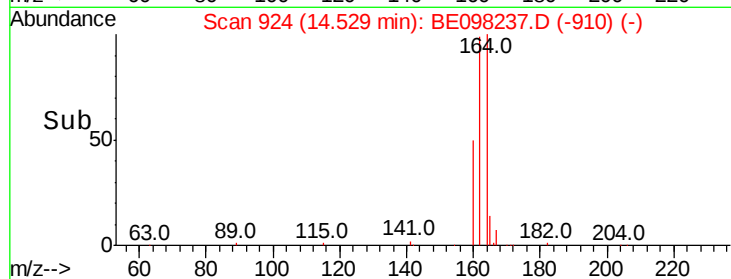
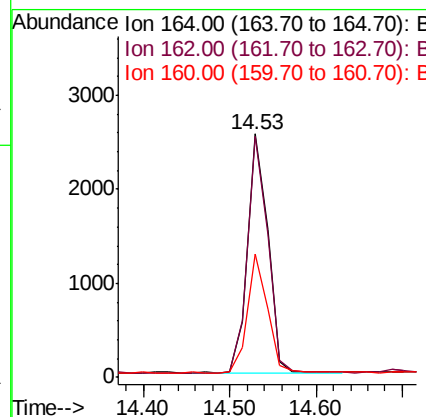
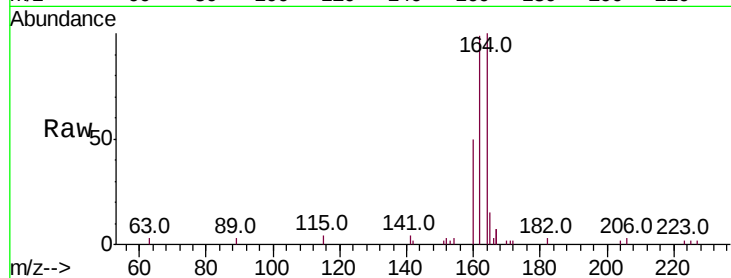
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Instrument :
BNA_E
ClientSampleId :
W-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.8	122.6
160	50.4	39.4	59.0

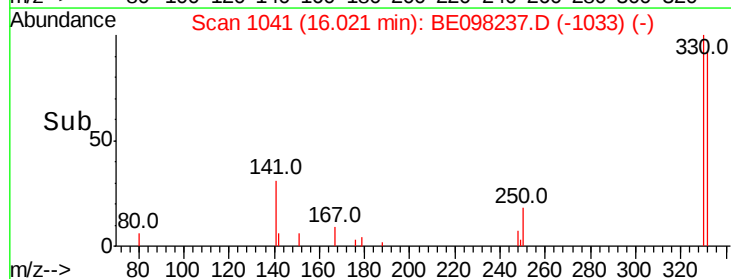
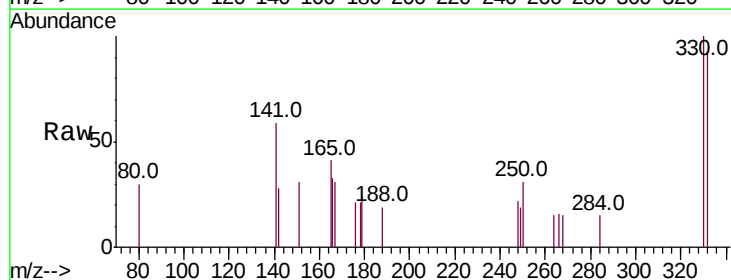
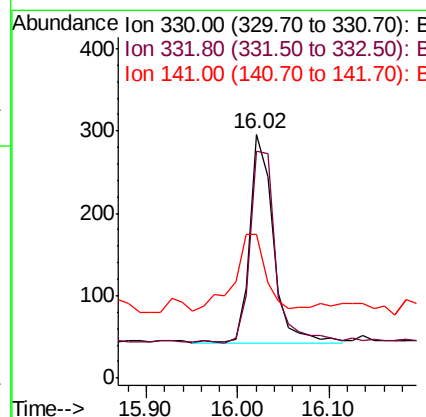
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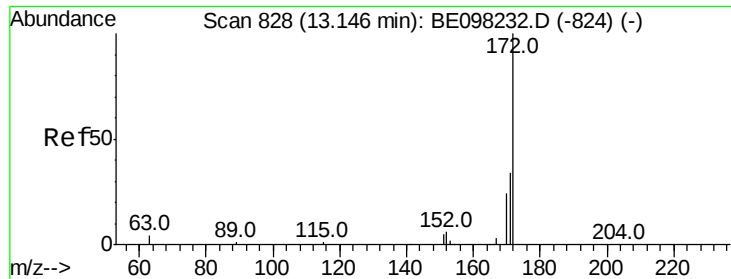
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#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.7	116.5
141	49.1	33.6	50.4





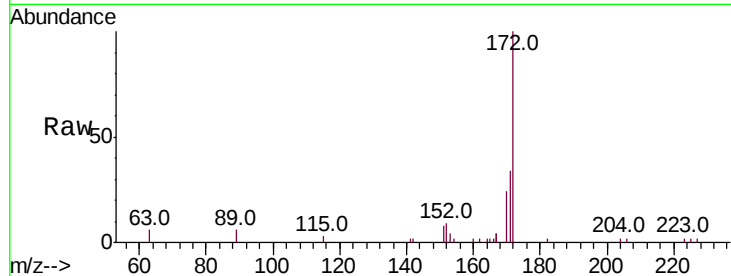
#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Instrument :
BNA_E
ClientSampleId :
W-1

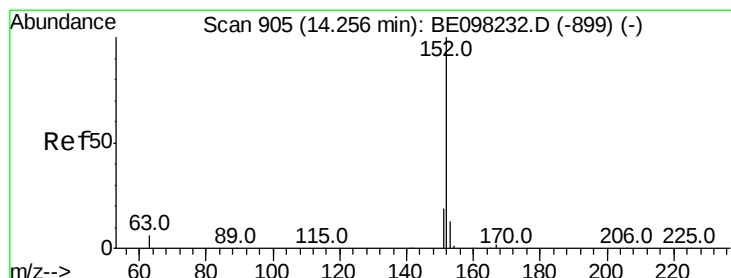
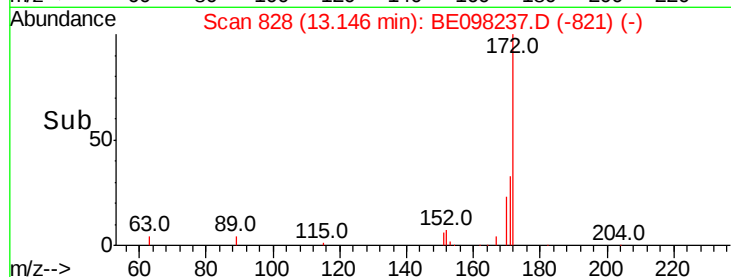
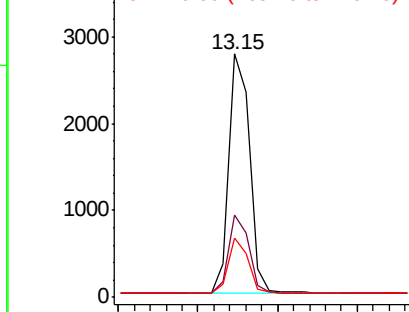
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.3	40.9
170	24.2	19.4	29.0

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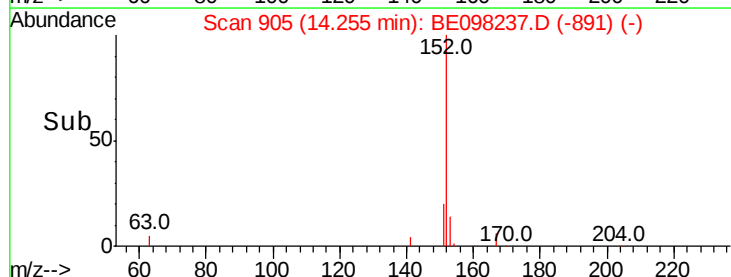
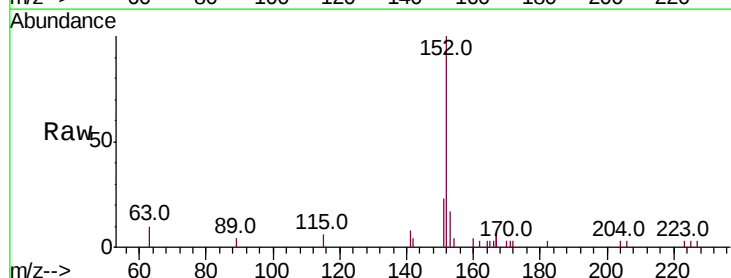
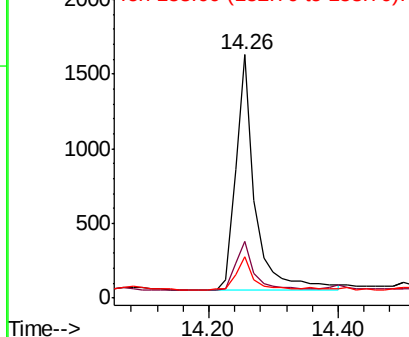
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

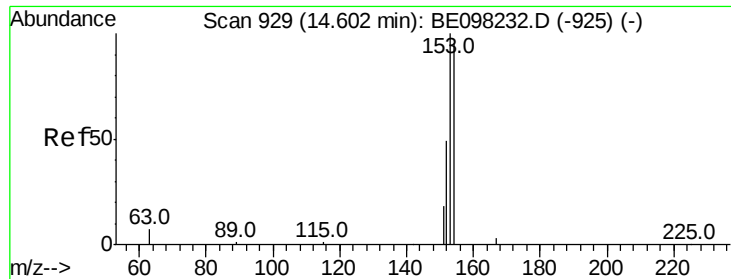


#16
Acenaphthylene
Concen: 0.167 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	12.5	10.6	15.8

Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





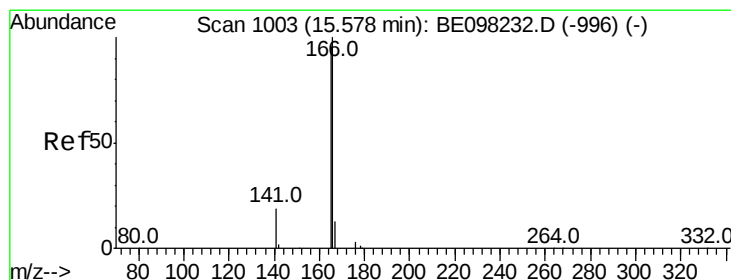
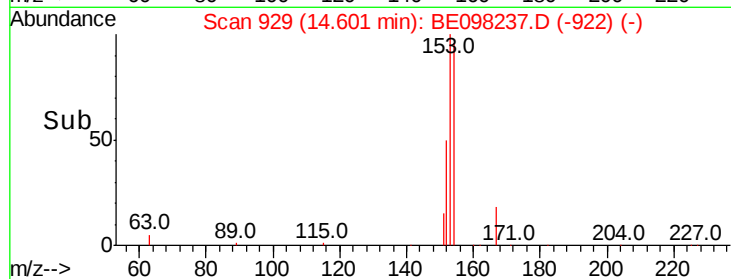
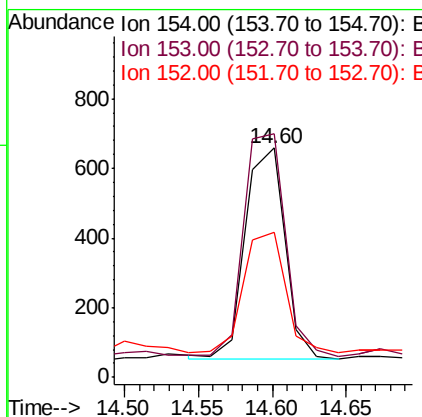
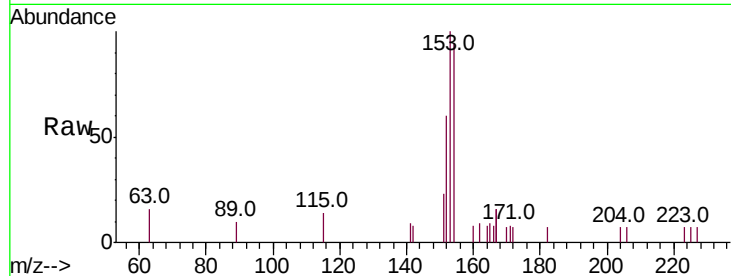
#17
Acenaphthene
Concen: 0.096 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Instrument :
BNA_E
ClientSampleId :
W-1

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.4	92.1	138.1
152	60.8	46.2	69.2

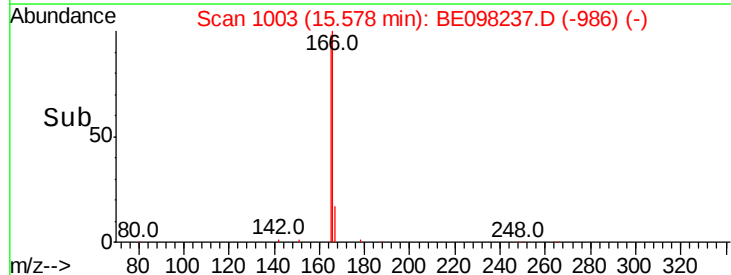
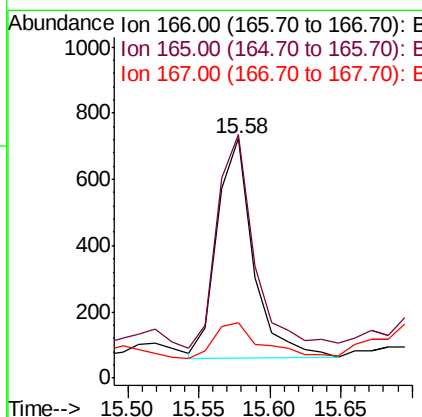
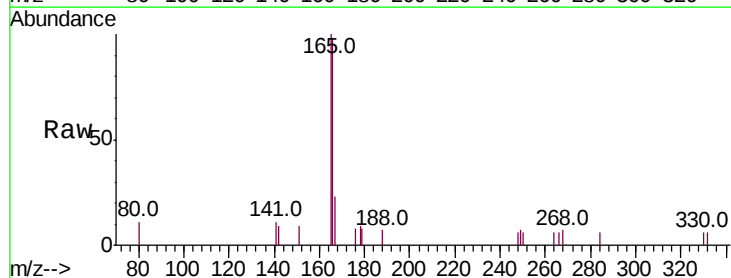
Manual Integrations
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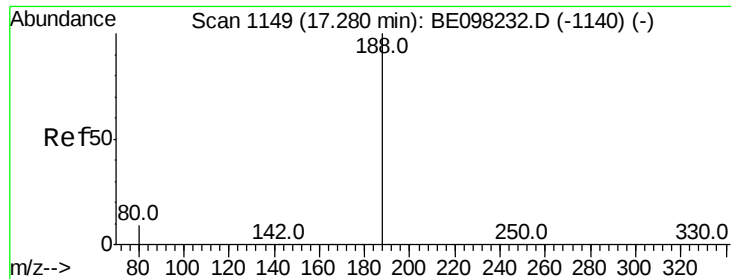
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#18
Fluorene
Concen: 0.078 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.1	120.1
167	22.8	10.8	16.2#





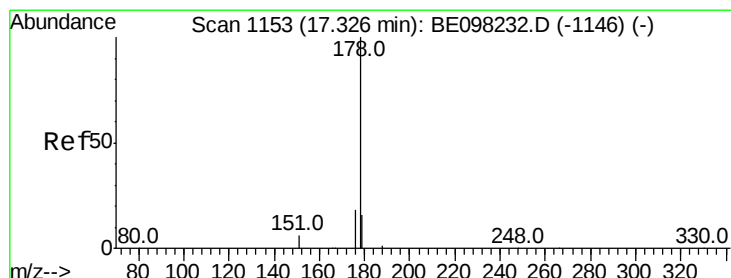
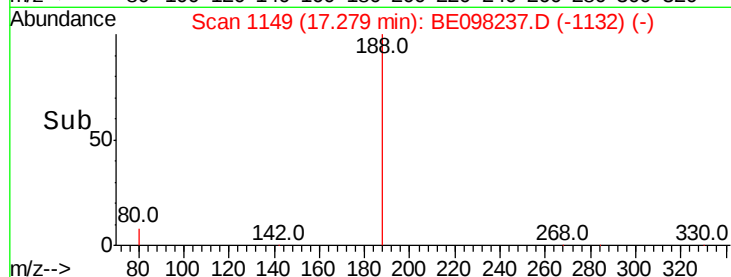
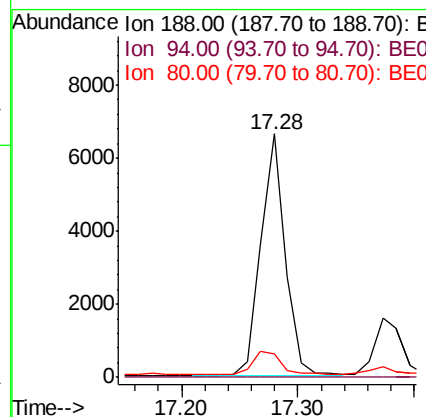
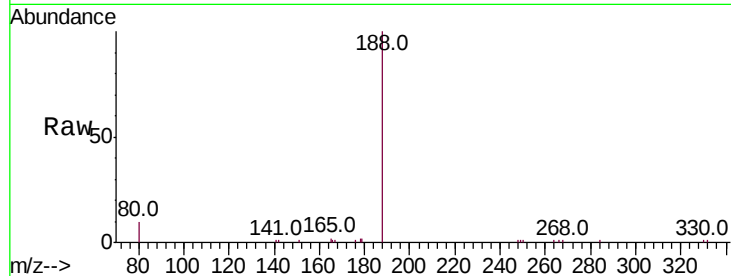
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Instrument :
BNA_E
ClientSampleId :
W-1

Tot Ion:	188	Resp:	9614
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.6	6.7	10.1

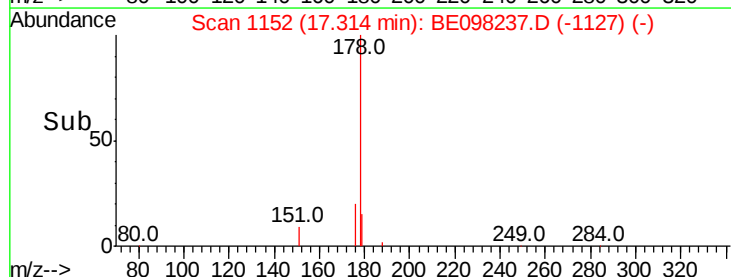
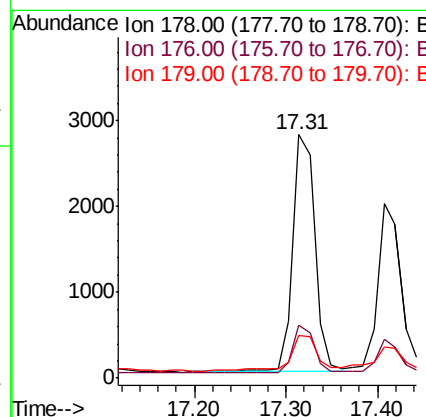
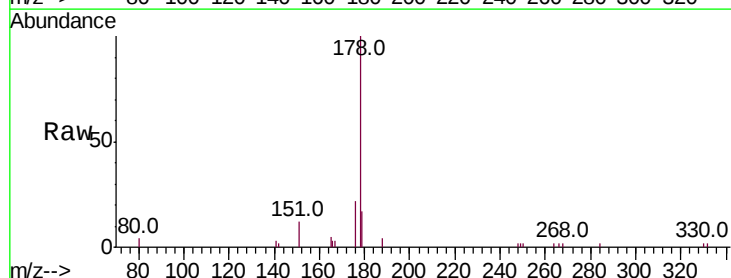
Manual Integrations
APPROVED

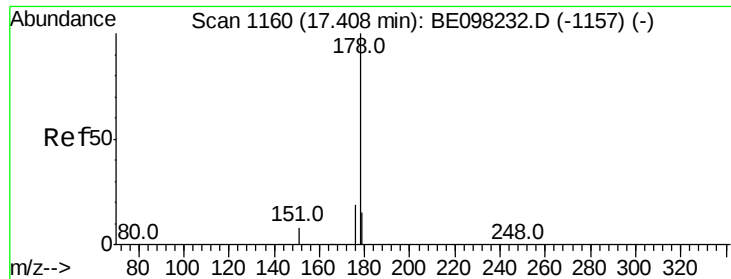
Sohil
11/19/2018 3:44:03 PM



#23
Phenanthrene
Concen: 0.189 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Tgt Ion:	178	Resp:	4669
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.8
179	18.2	12.3	18.5





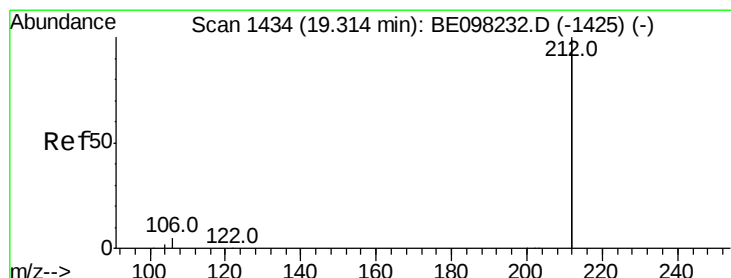
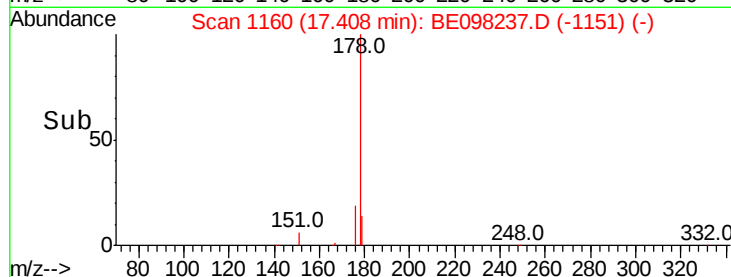
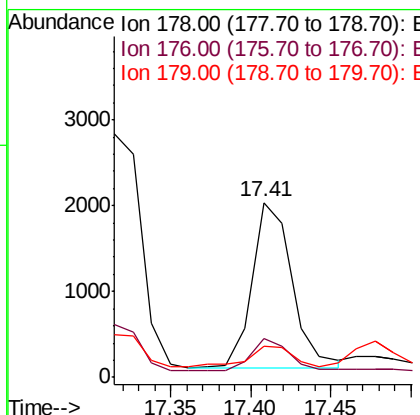
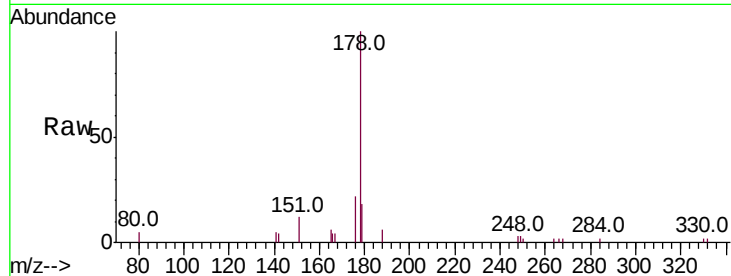
#24
 Anthracene
 Concen: 0.148 ng
 RT: 17.41 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BE098237.D
 Acq: 16 Nov 2018 19:45

Instrument :
 BNA_E
 ClientSampleId :
 W-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	14.5	12.1	18.1

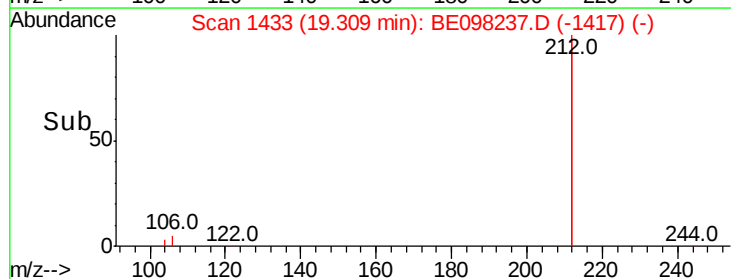
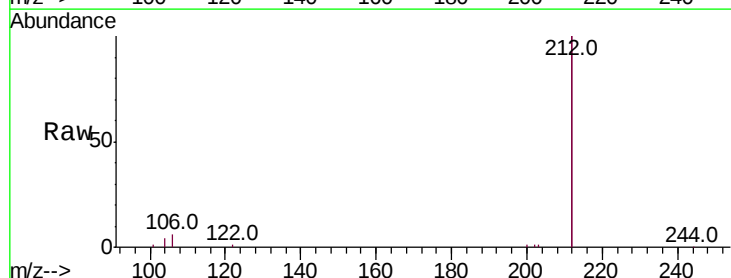
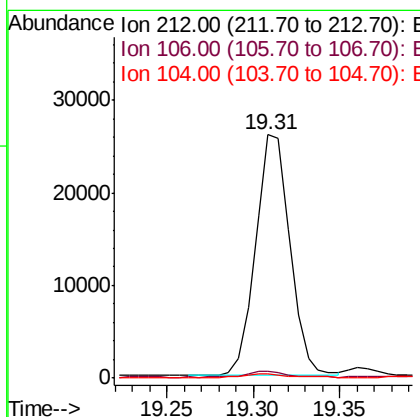
Manual Integrations
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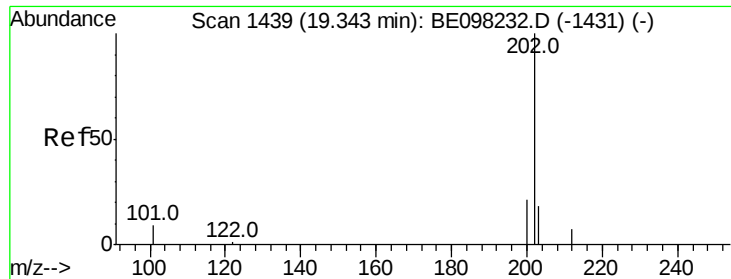
Sohil
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#25
 Fluoranthene-d10
 Concen: 0.306 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE098237.D
 Acq: 16 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.6	1.1	1.7





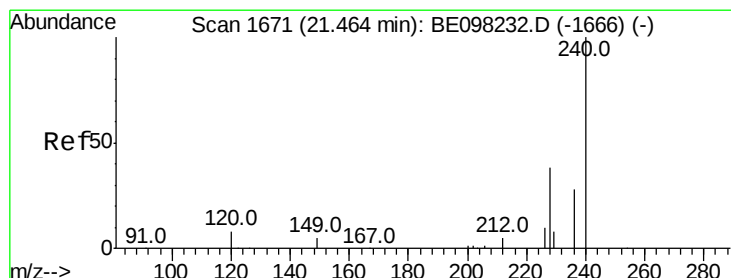
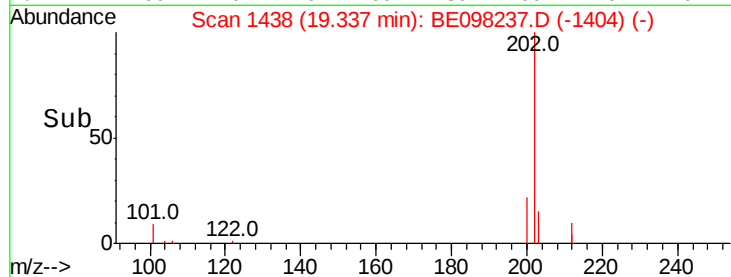
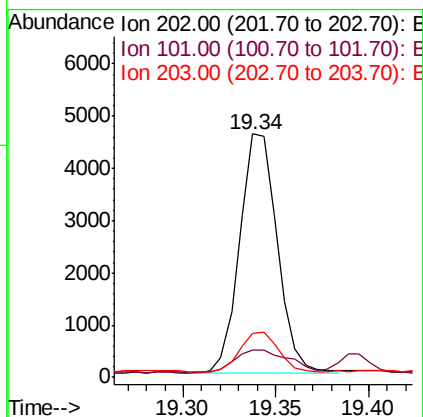
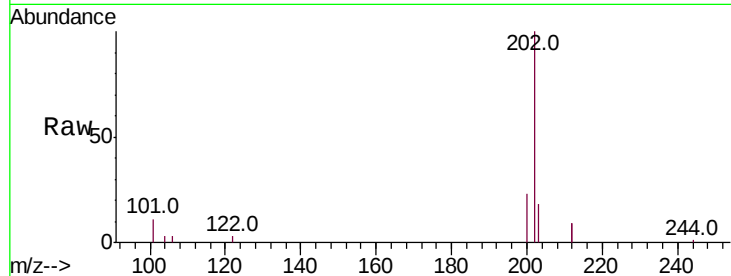
#26
 Fluoranthene
 Concen: 0.218 ng
 RT: 19.34 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BE098237.D
 Acq: 16 Nov 2018 19:45

Instrument :
 BNA_E
 ClientSampleId :
 W-1

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	7.0	10.6#
203	17.1	13.7	20.5

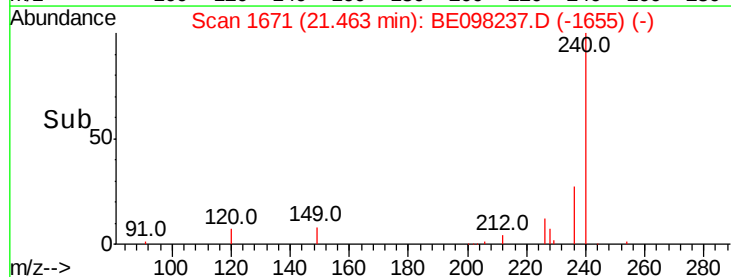
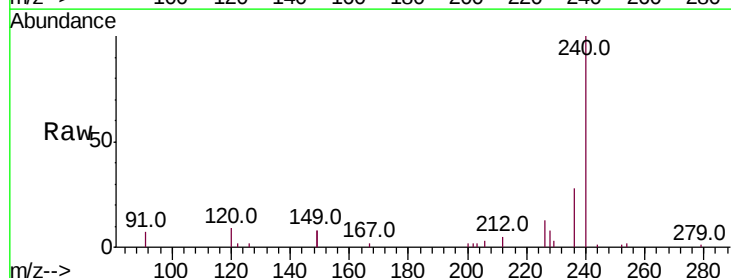
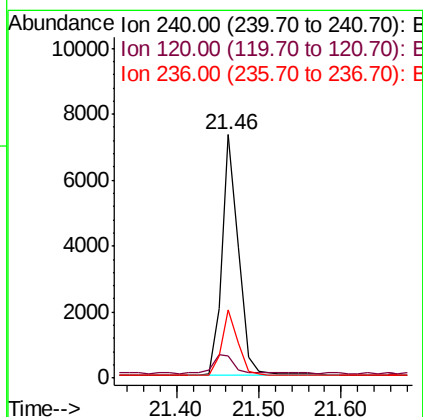
Manual Integrations
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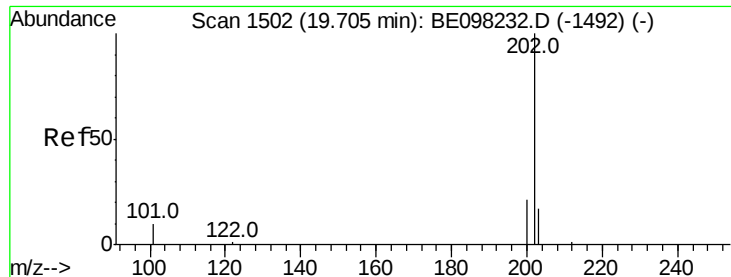
Sohil
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098237.D
 Acq: 16 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	4.8	7.2#
236	27.8	21.4	32.0





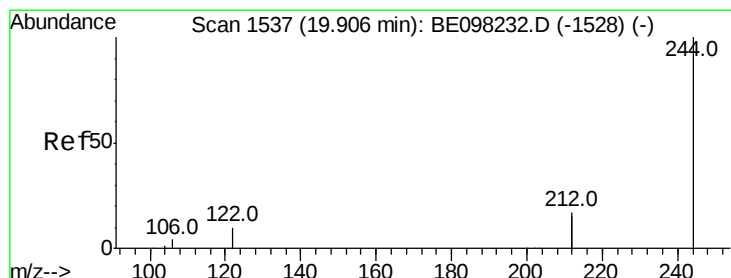
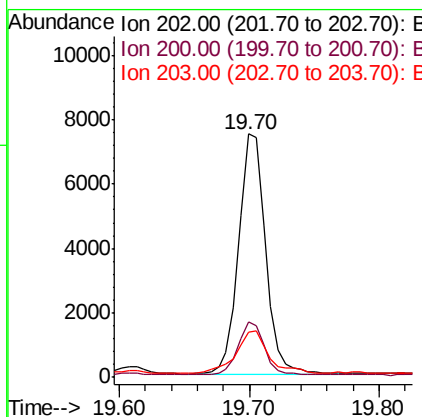
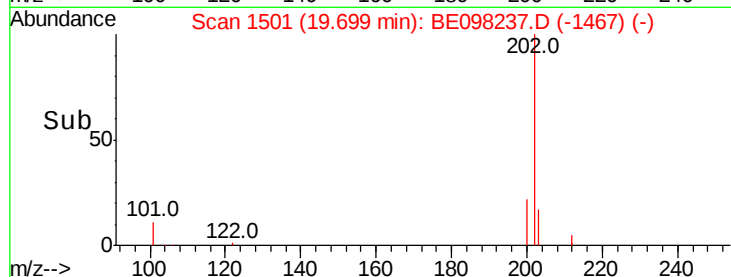
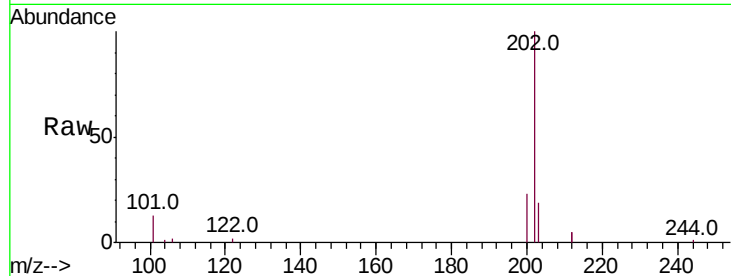
#28
Pvrene
Concen: 0.349 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Instrument :
BNA_E
ClientSampled :
W-1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	10671		
200	21.3		17.2	25.8
203	21.8		14.2	21.4#

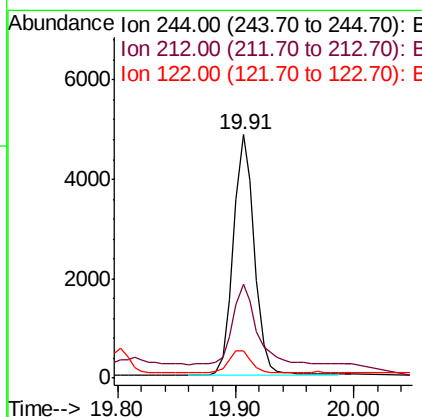
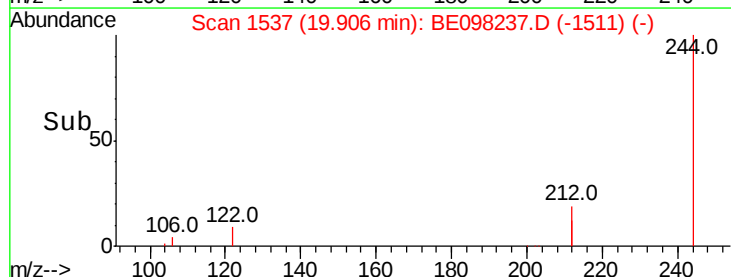
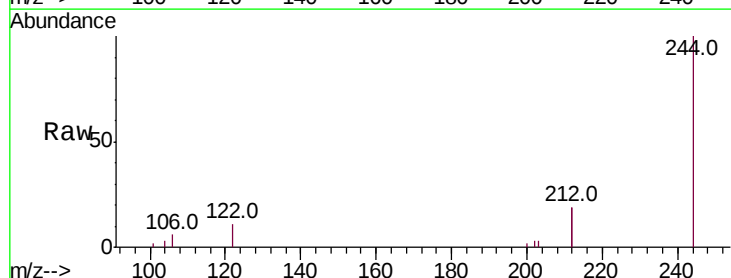
Manual Integrations
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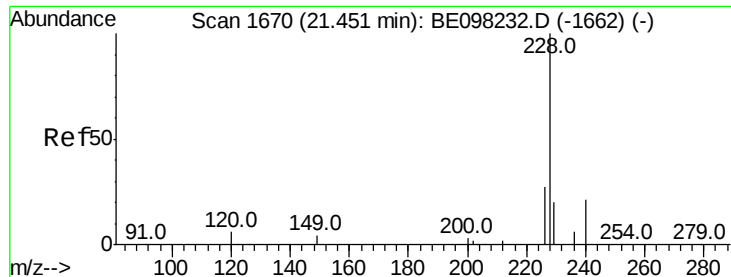
Sohil
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#29
Terphenyl-d14
Concen: 0.248 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	5958		
212	38.3		26.8	40.2
122	11.4		7.0	10.6#





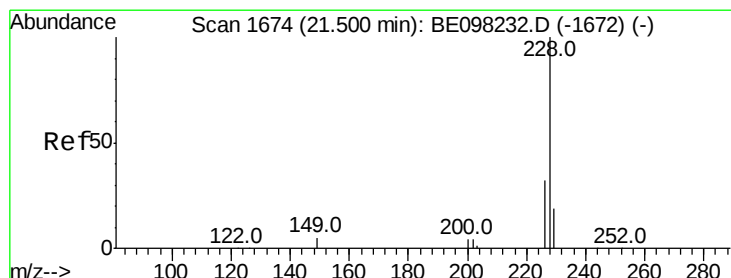
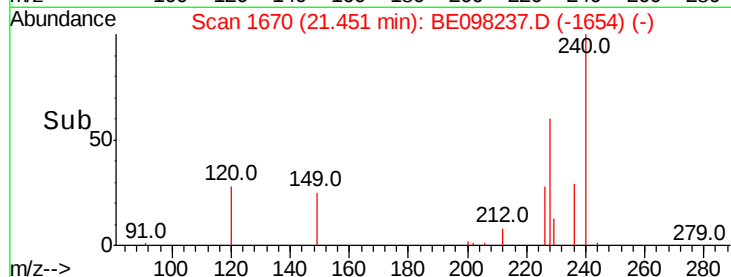
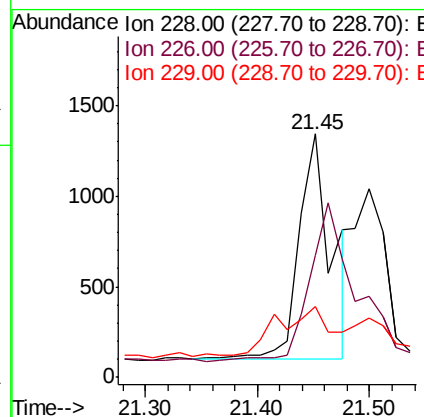
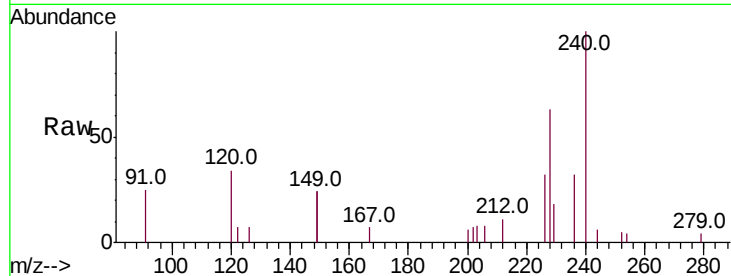
#30
Benzo(a)anthracene
Concen: 0.083 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Instrument :
BNA_E
ClientSampled :
W-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	50.3	20.7	31.1#
229	29.1	16.2	24.4#

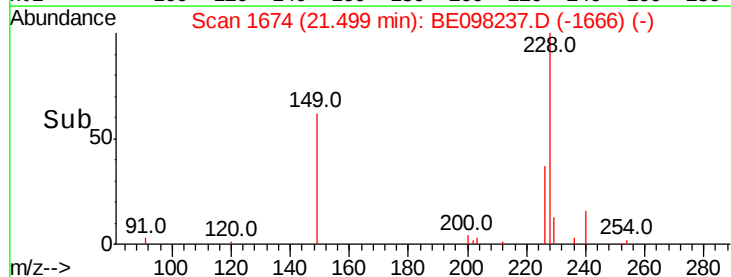
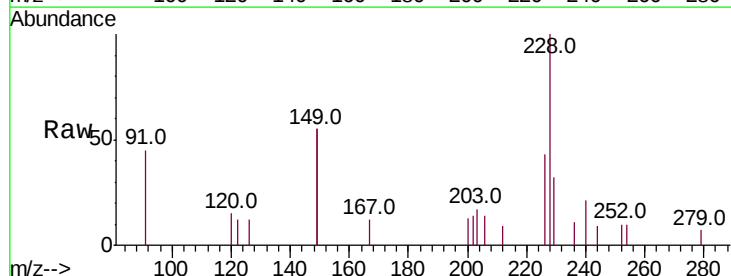
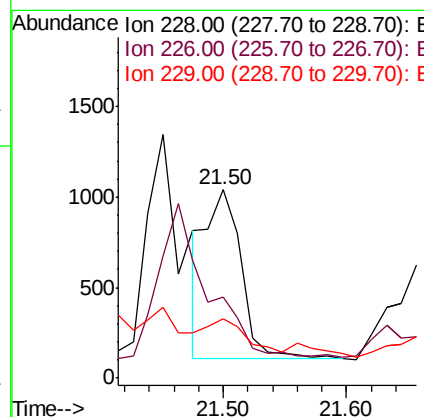
Manual Integrations
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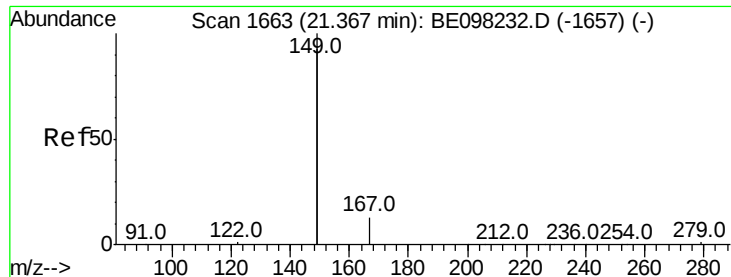
Sohil
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#31
Chrysene
Concen: 0.060 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.2	24.6	36.8#
229	31.5	16.0	24.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.401 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

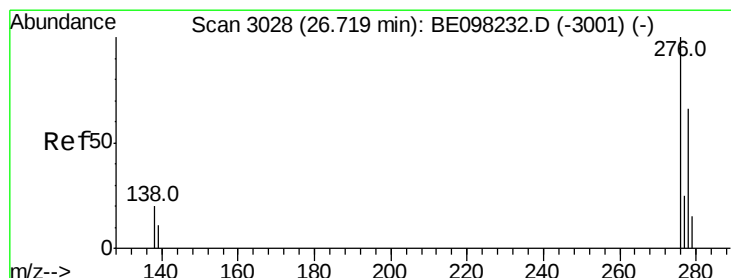
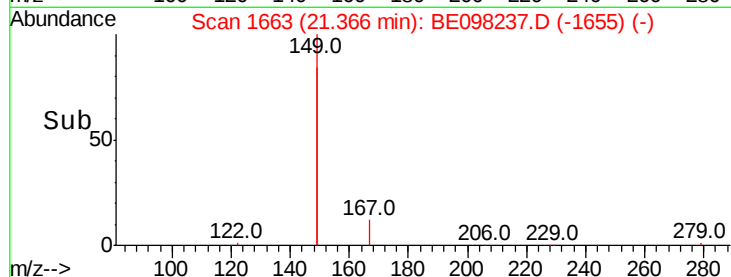
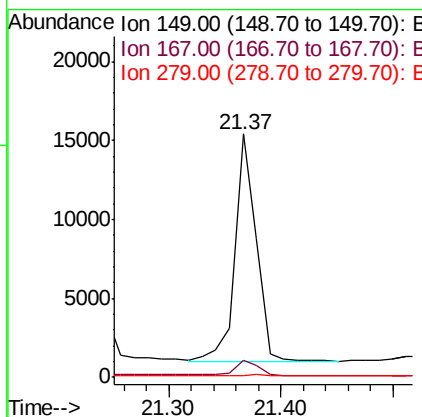
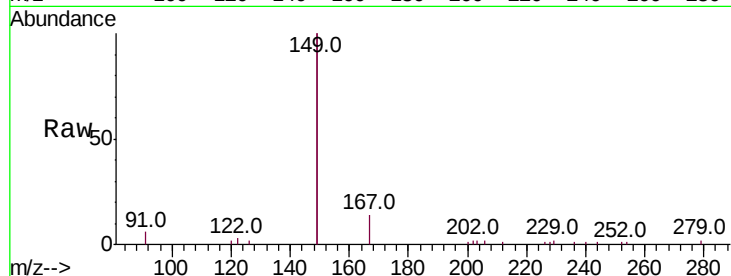
ClientSampleId :

W-1

Tot Ion:	149	Resp:	18896
Ion Ratio	Lower	Upper	
149	100		
167	7.2	5.6	8.4
279	1.0	0.9	1.3

Manual Integrations
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#33

Indeno(1,2,3-cd)pyrene

Concen: 0.266 ng

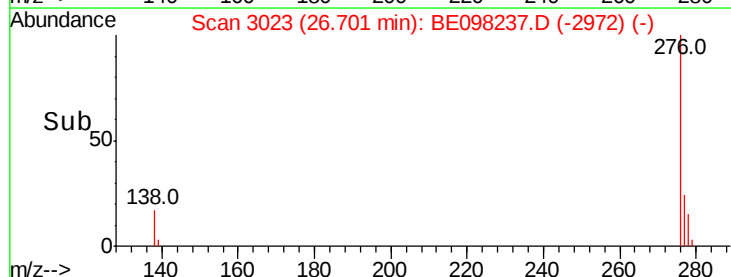
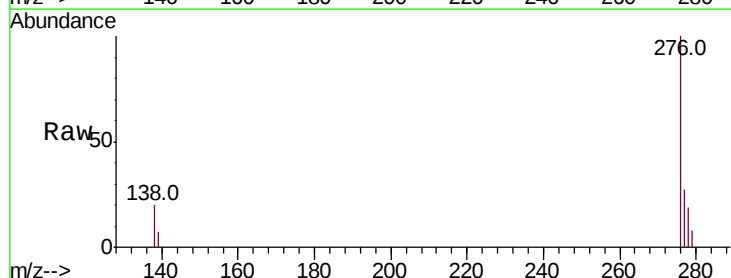
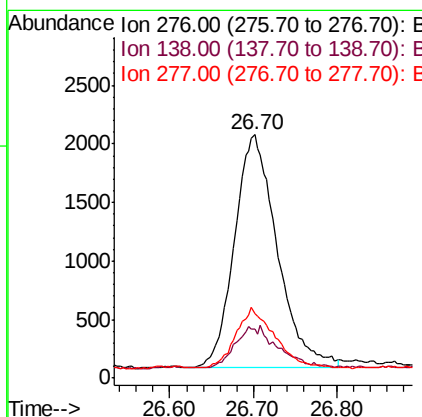
RT: 26.70 min Scan# 3023

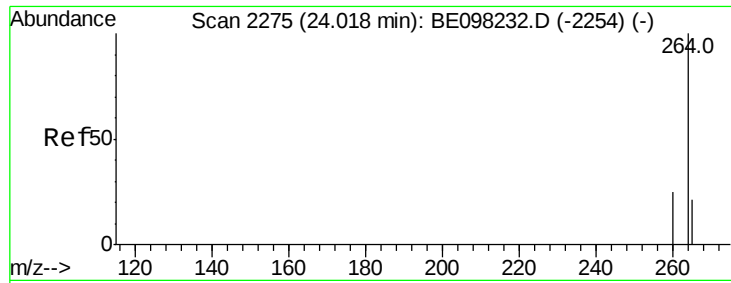
Delta R.T. -0.02 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Tgt Ion:	276	Resp:	7100
Ion Ratio	Lower	Upper	
276	100		
138	16.9	6.4	9.6#
277	23.5	18.9	28.3





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Instrument :

BNA_E

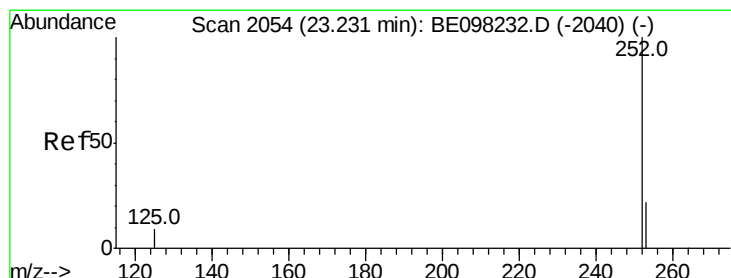
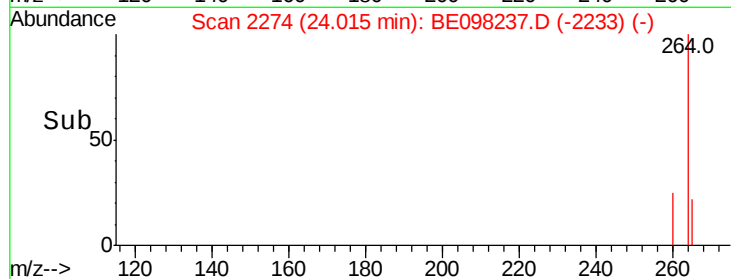
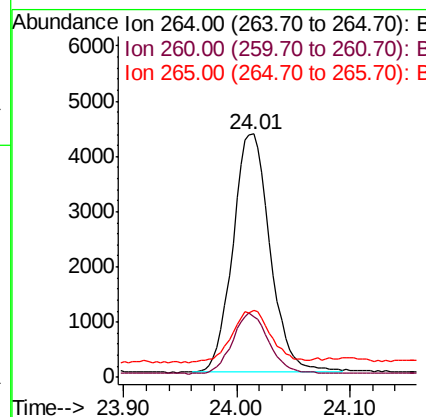
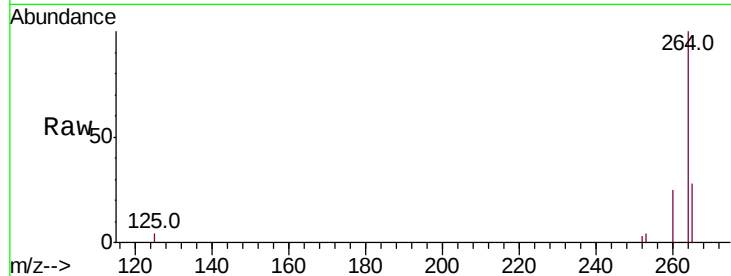
ClientSampled :

W-1

Tot Ion:	264	Resp:	9900
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.9	29.9
265	27.8	21.3	31.9

Manual Integrations
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#35

Benzo(b)fluoranthene

Concen: 0.178 ng

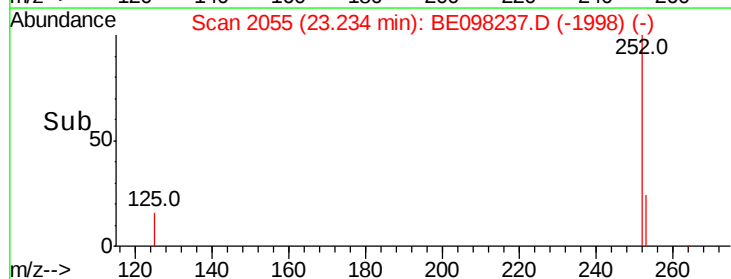
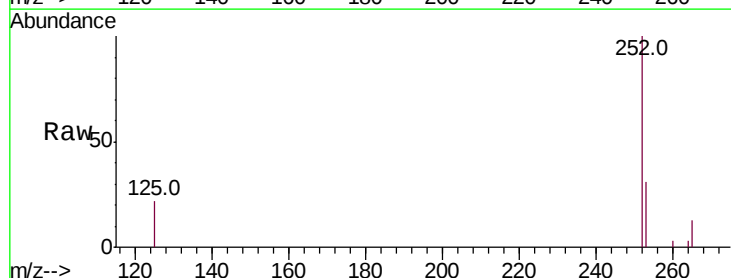
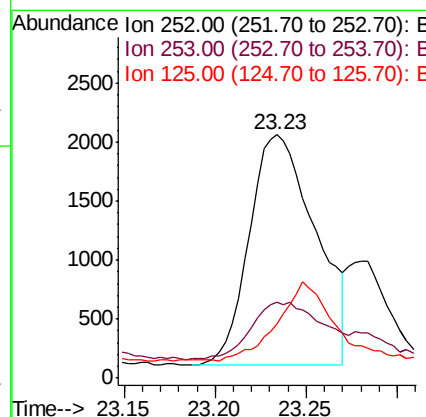
RT: 23.23 min Scan# 2055

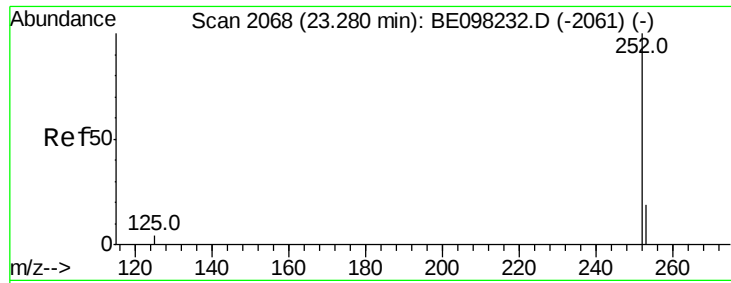
Delta R.T. 0.00 min

Lab File: BE098237.D

Acq: 16 Nov 2018 19:45

Tgt Ion:	252	Resp:	4975
Ion Ratio	Lower	Upper	
252	100		
253	31.0	19.4	29.0#
125	22.3	8.6	12.8#





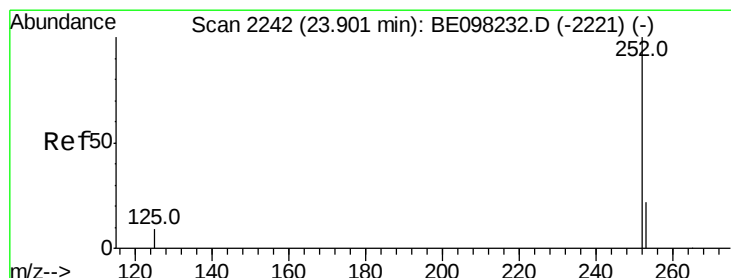
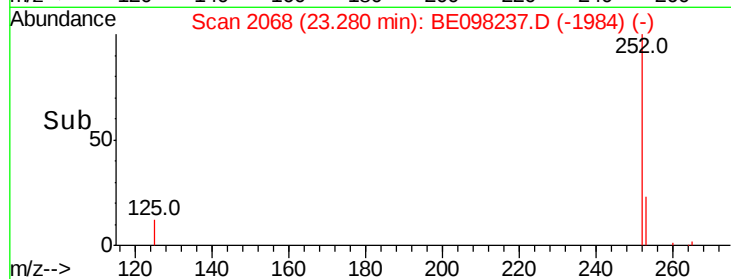
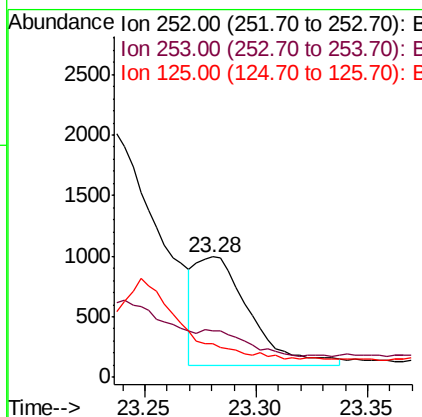
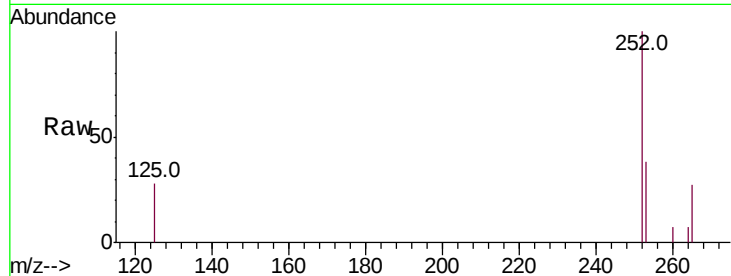
#36
Benzo(k)fluoranthene
Concen: 0.048 ng m
RT: 23.28 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Instrument :
BNA_E
ClientSampleId :
W-1

Tot Ion:252 Resp: 1503
Ion Ratio Lower Upper
252 100
253 38.3 18.6 28.0#
125 27.6 7.4 11.0#

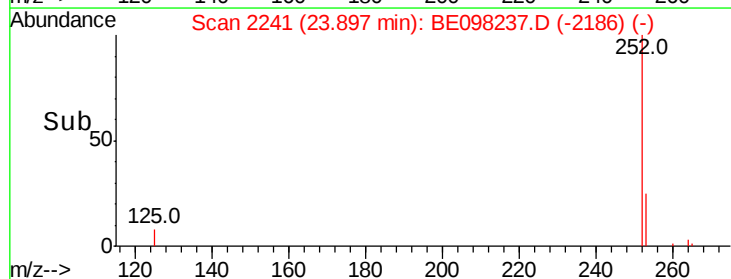
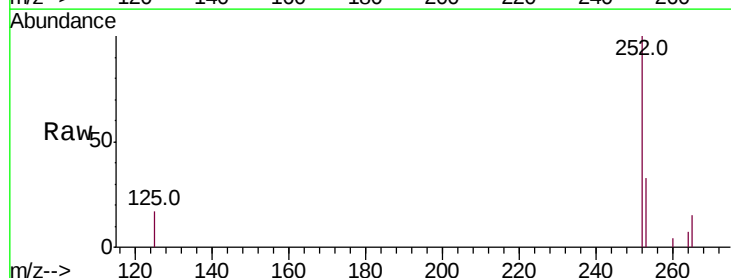
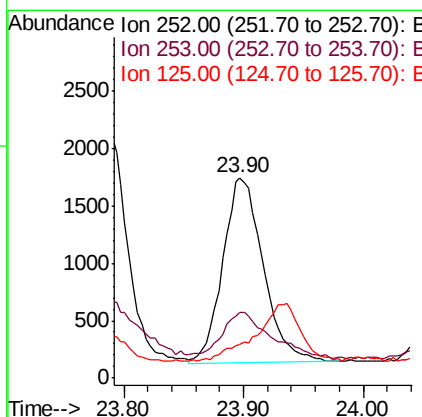
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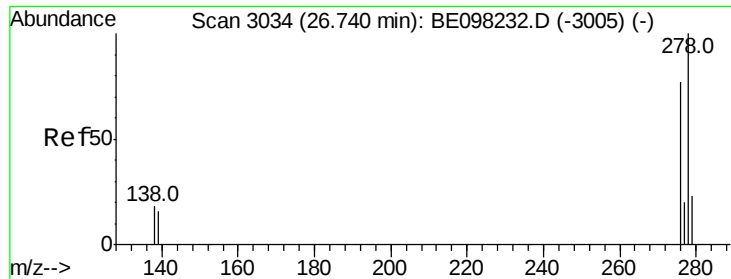
Sohil
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#37
Benzo(a)pyrene
Concen: 0.138 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Tgt Ion:252 Resp: 3777
Ion Ratio Lower Upper
252 100
253 33.1 18.6 27.8#
125 16.9 8.0 12.0#





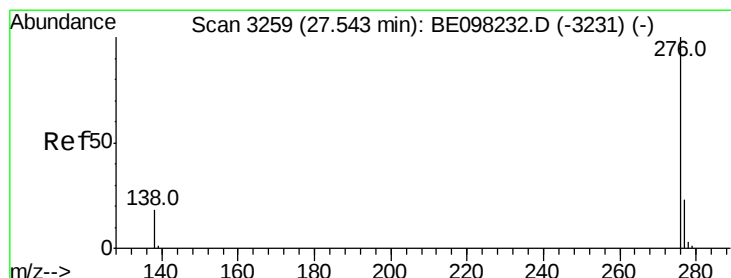
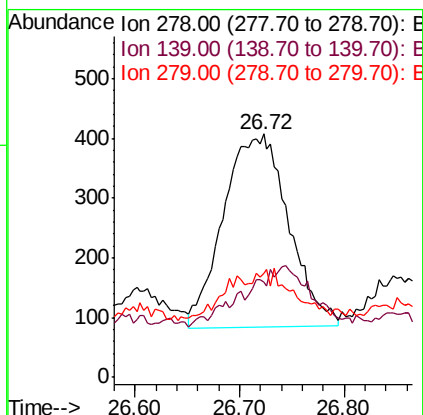
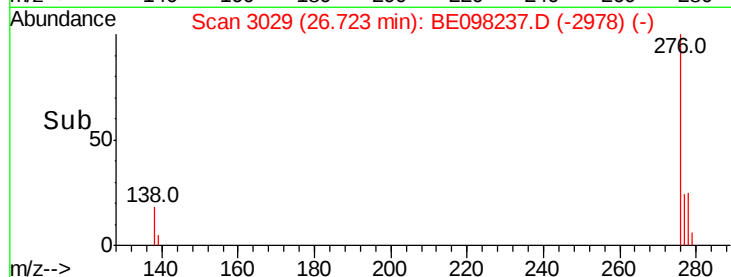
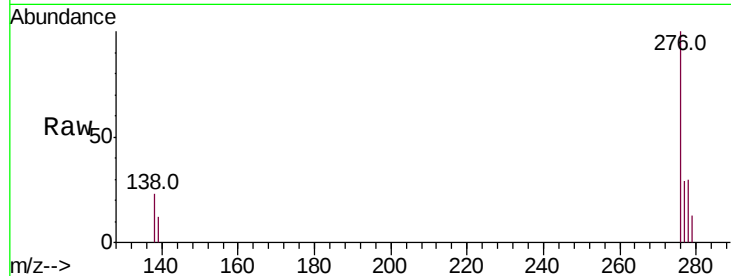
#38
Dibenzo(a,h)anthracene
Concen: 0.063 ng
RT: 26.72 min Scan# 3029
Delta R.T. -0.02 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Instrument :
BNA_E
ClientSampleId :
W-1

Tot Ion	Ratio	Lower	Upper
278	100		
139	39.2	16.4	24.6#
279	42.9	21.3	31.9#

Manual Integrations
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#39
Benzo(g,h,i)perylene
Concen: 0.593 ng
RT: 27.53 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BE098237.D
Acq: 16 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.4	30.6
138	18.3	13.2	19.8

