

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
 Data File : BE098812.D
 Acq On : 7 Mar 2019 10:09
 Operator : JU/SJ
 Sample : PB117507BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117507BS

Manual Integrations
 APPROVED

Sohil
 3/8/2019 10:38:21 AM

Quant Time: Mar 07 13:02:47 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 06 15:33:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	875	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3764	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2493	0.40	ng	0.01
19) Phenanthrene-d10	17.22	188	6557	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8189	0.40	ng	0.00
34) Perylene-d12	23.91	264	8255	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.38	112	1074	0.41	ng	0.00
5) Phenol-d6	7.00	99	1504	0.41	ng	0.01
8) Nitrobenzene-d5	8.96	82	1463	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2804	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	457	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4013	0.39	ng	0.00
25) Fluoranthene-d10	19.25	212	38795	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	7877	0.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	694	0.411	ng	93
3) n-Nitrosodimethylamine	3.62	42	828	0.376	ng	# 88
6) bis(2-Chloroethyl)ether	7.23	93	1077	0.378	ng	# 93
9) Naphthalene	10.64	128	17364	0.403	ng	100
10) Hexachlorobutadiene	10.93	225	1133	0.397	ng	98
12) 2-Methylnaphthalene	12.28	142	2732	0.391	ng	96
16) Acenaphthylene	14.18	152	4952	0.386	ng	98
17) Acenaphthene	14.53	154	3020	0.397	ng	99
18) Fluorene	15.52	166	4283	0.390	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1316	0.370	ng	# 81
21) Hexachlorobenzene	16.52	284	1637	0.387	ng	96
22) Pentachlorophenol	16.89	266	252	0.440	ng	91
23) Phenanthrene	17.26	178	7276	0.390	ng	99
24) Anthracene	17.35	178	5878	0.369	ng	99
26) Fluoranthene	19.28	202	9848	0.374	ng	100
28) Pyrene	19.64	202	10262	0.410	ng	99
30) Benzo(a)anthracene	21.38	228	10015	0.392	ng	97
31) Chrysene	21.44	228	11199	0.410	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	18411	0.339	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	12130	0.420	ng	98
35) Benzo(b)fluoranthene	23.14	252	10500m	0.387	ng	
36) Benzo(k)fluoranthene	23.19	252	11404	0.401	ng	98
37) Benzo(a)pyrene	23.79	252	10085	0.388	ng	98
38) Dibenzo(a,h)anthracene	26.56	278	9763	0.397	ng	96
39) Benzo(g,h,i)perylene	27.35	276	9968	0.387	ng	99

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

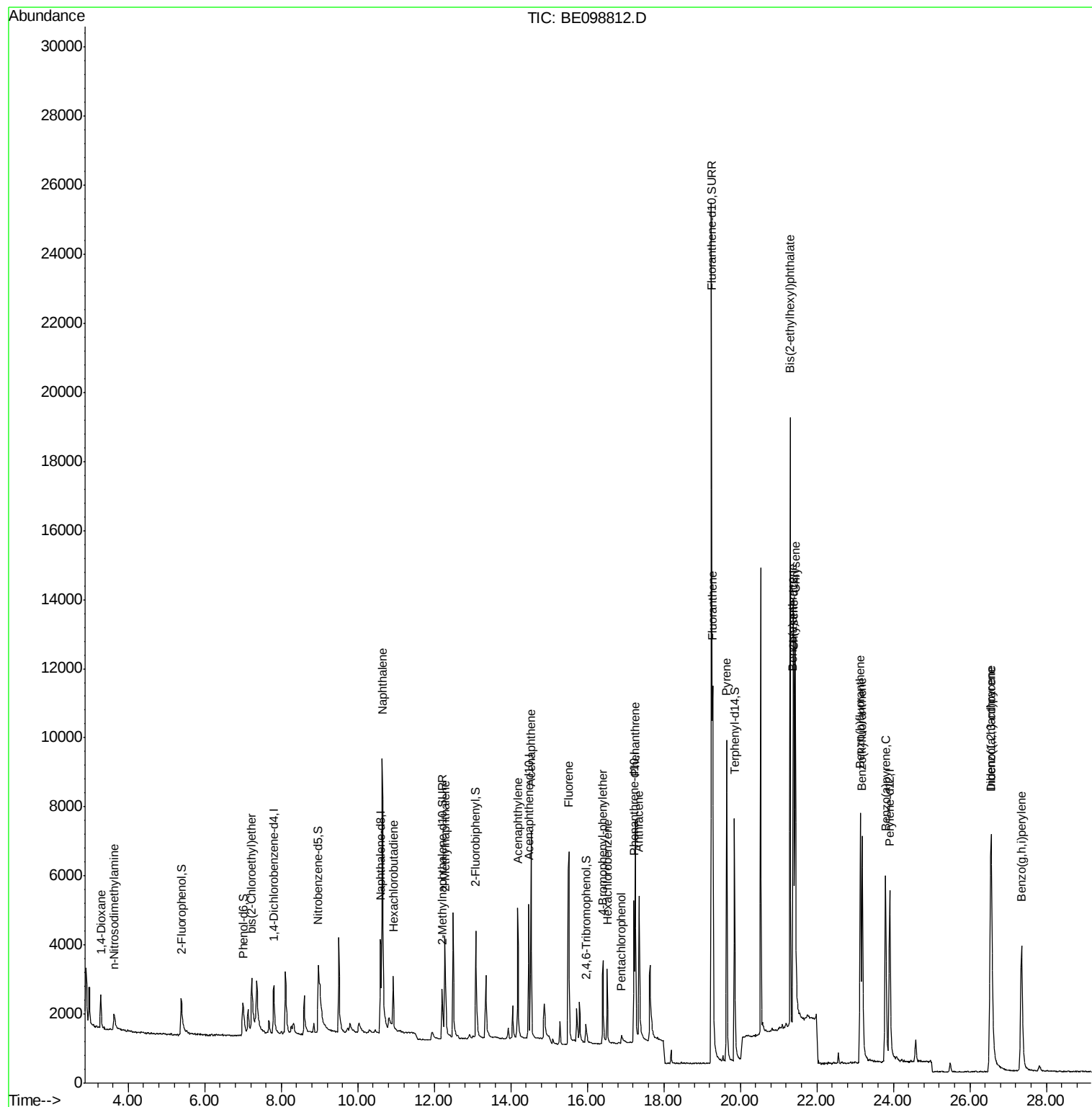
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
Data File : BE098812.D
Acq On : 7 Mar 2019 10:09
Operator : JU/SJ
Sample : PB117507BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

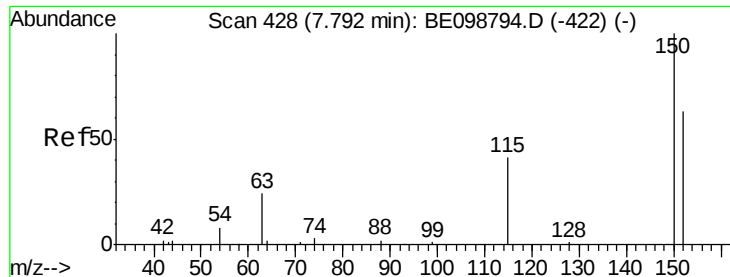
Instrument :
BNA_E
ClientSampleId :
PB117507BS

Manual Integrations
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3/8/2019 10:38:21 AM

Quant Time: Mar 07 13:02:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration





#1

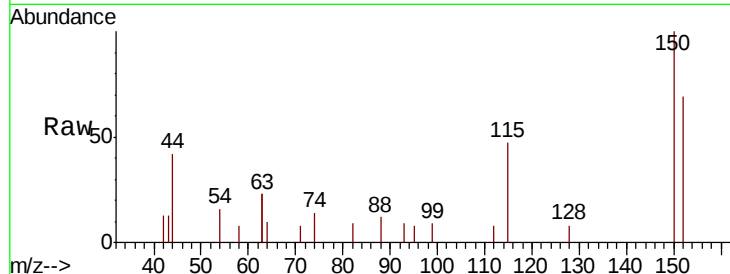
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :
PB117507BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	122.5	183.7
115	68.7	57.4	86.2

Manual Integrations
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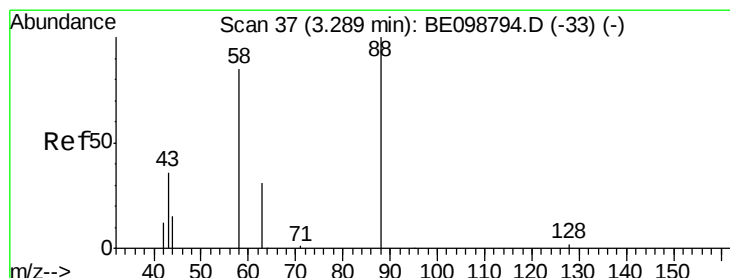
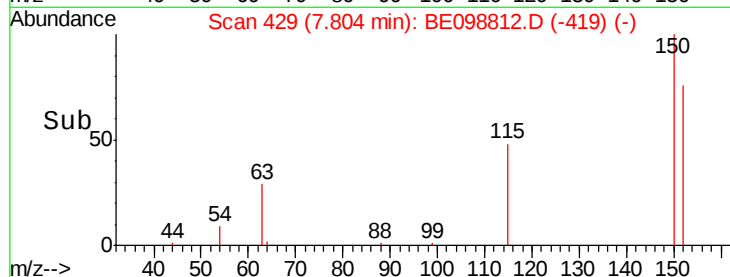
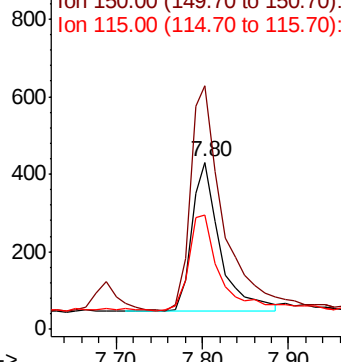


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

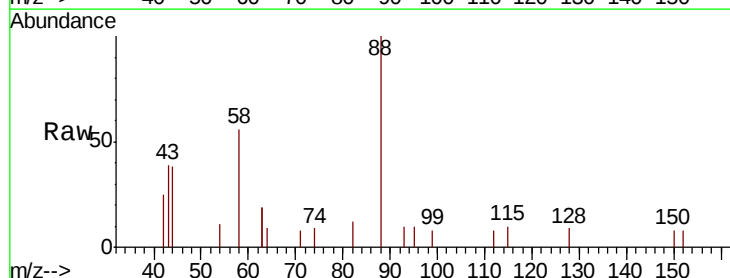
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.411 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	75.8	113.6
43	46.0	41.8	62.8

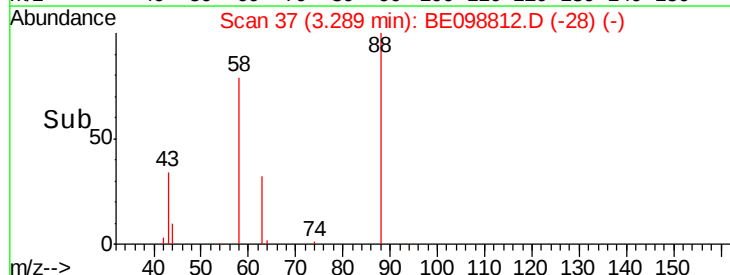
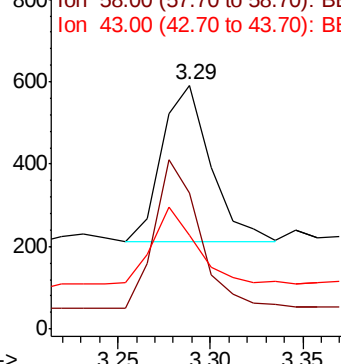


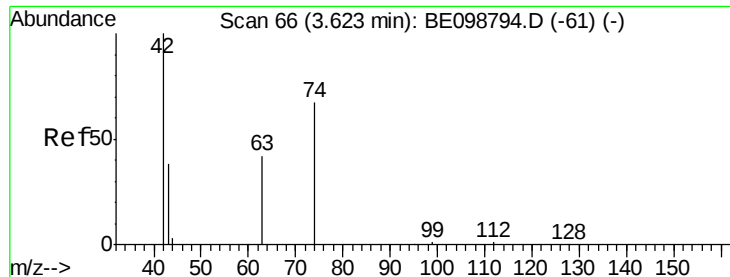
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

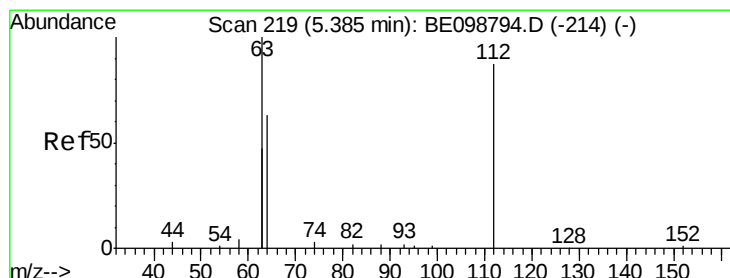
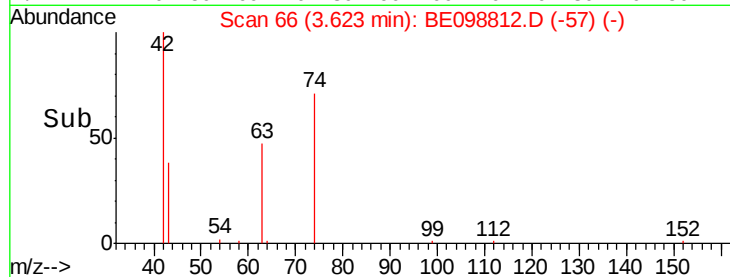
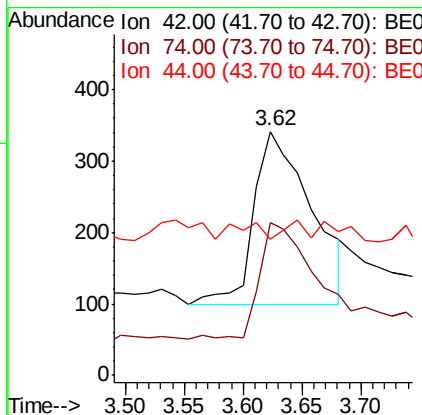
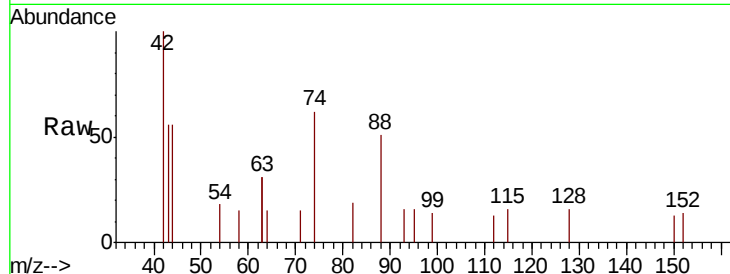
n-Nitrosodimethylamine
 Concen: 0.376 ng
 RT: 3.62 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BE098812.D
 Acq: 7 Mar 2019 10:09

Instrument :
 BNA_E
 ClientSampled :
 PB117507BS

Tot Ion:	42	Resp:	828
Ion	Ratio	Lower	Upper
42	100		
74	61.5	57.0	85.4
44	5.0	0.0	0.0#

Manual Integrations
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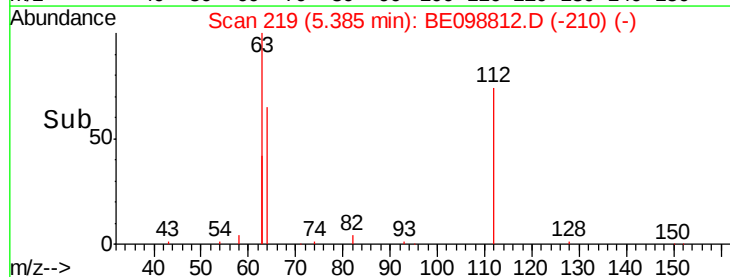
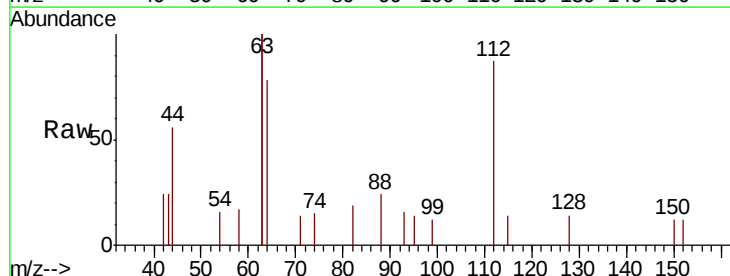
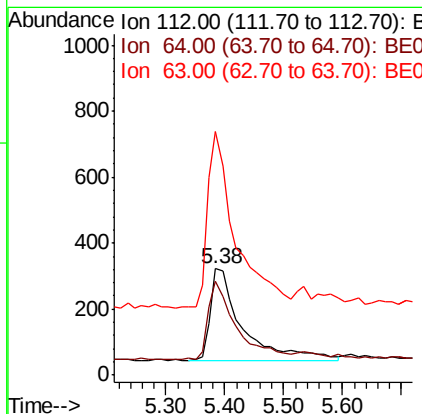
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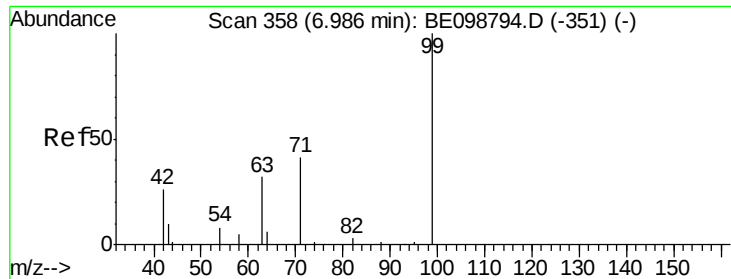


#4

2-Fluorophenol
 Concen: 0.411 ng
 RT: 5.38 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE098812.D
 Acq: 7 Mar 2019 10:09

Tgt Ion:	112	Resp:	1074
Ion	Ratio	Lower	Upper
112	100		
64	75.1	57.9	86.9
63	164.6	158.3	237.5





#5

Phenol-d6

Concen: 0.407 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

Instrument :

BNA_E

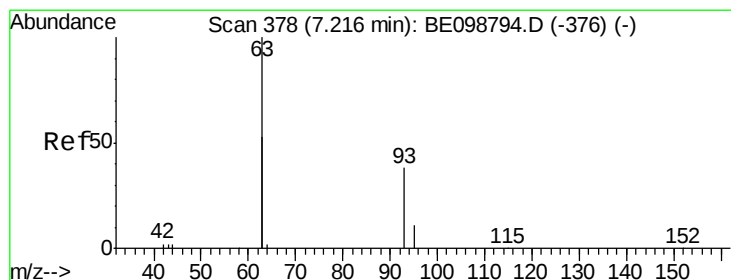
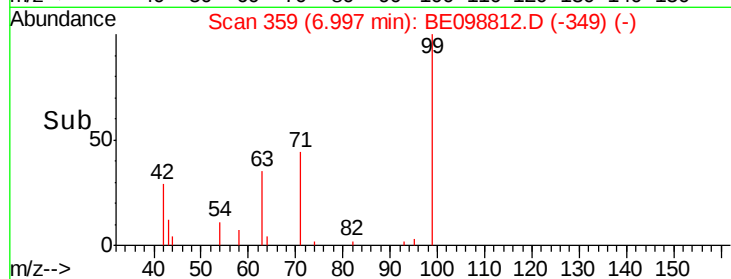
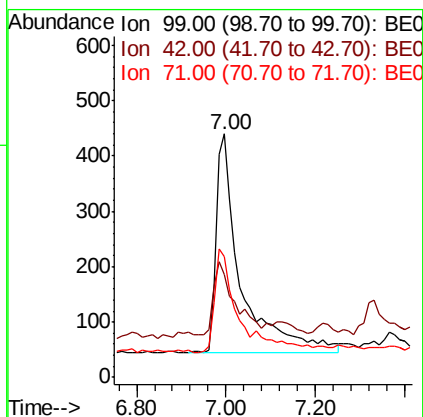
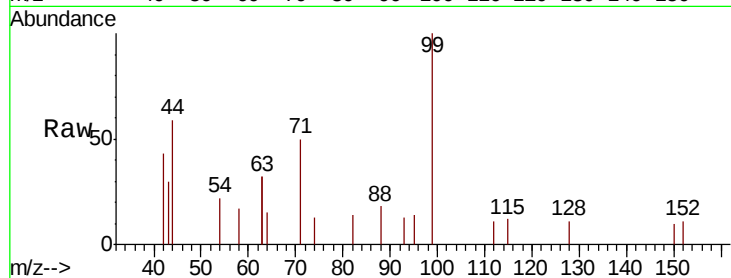
ClientSampleId :

PB117507BS

Tot Ion:	99	Resp:	1504
Ion	Ratio	Lower	Upper
99	100		
42	28.5	24.2	36.2
71	47.1	35.7	53.5

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#6

bis(2-Chloroethyl)ether

Concen: 0.378 ng

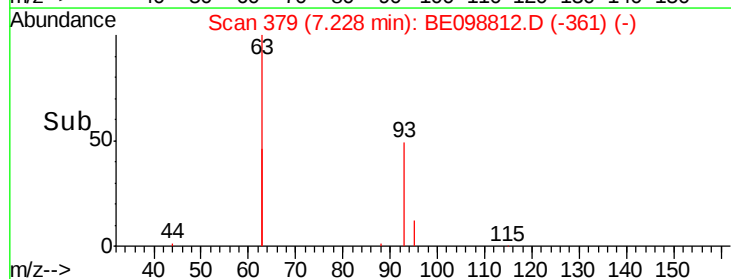
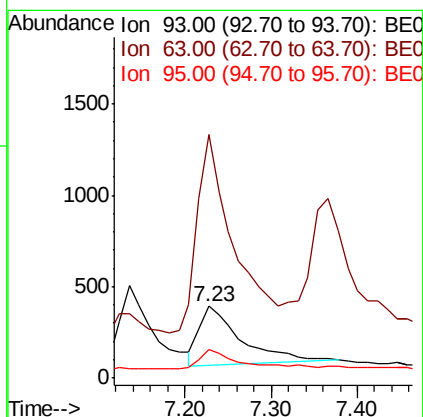
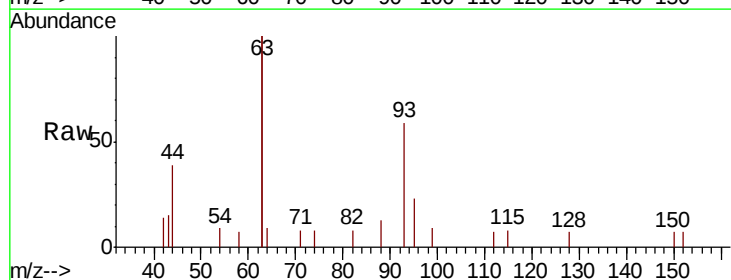
RT: 7.23 min Scan# 379

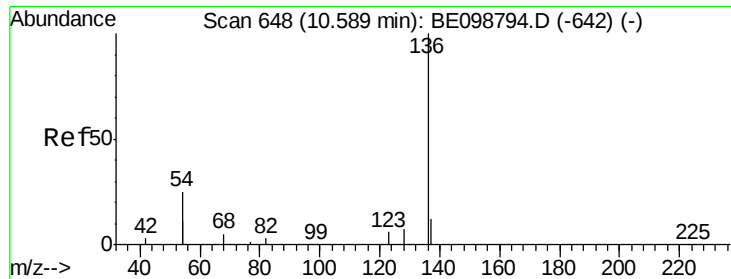
Delta R.T. 0.01 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

Tgt Ion:	93	Resp:	1077
Ion	Ratio	Lower	Upper
93	100		
63	295.9	247.5	371.3
95	33.7	21.8	32.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

Instrument :

BNA_E

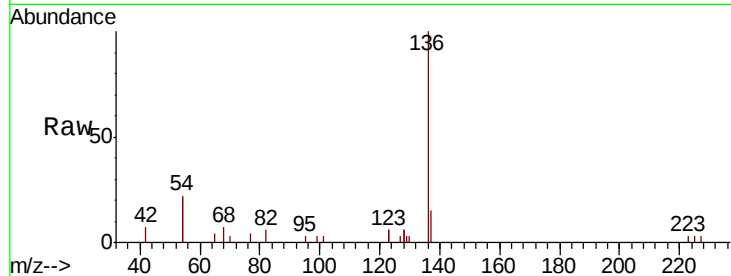
ClientSampled :

PB117507BS

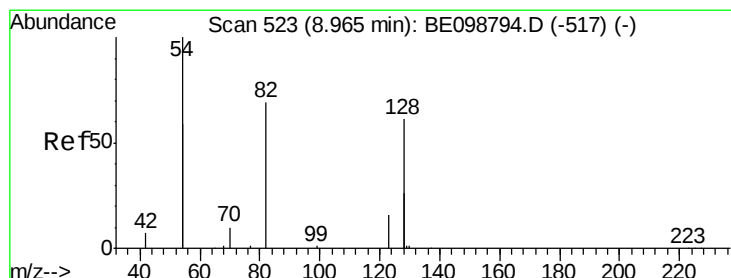
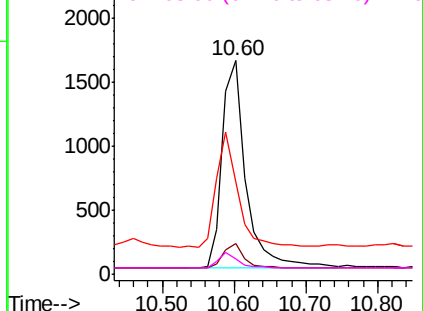
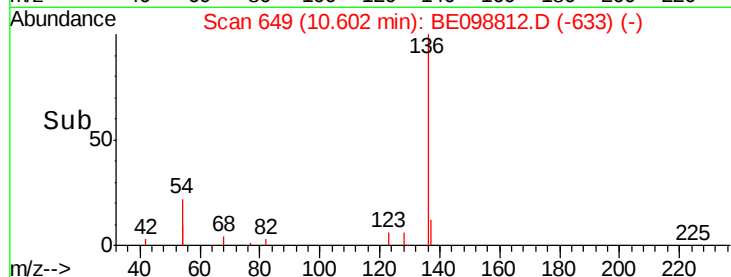
Tot Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.4	17.0
54	43.1	39.3	58.9
68	7.0	6.7	10.1

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.371 ng

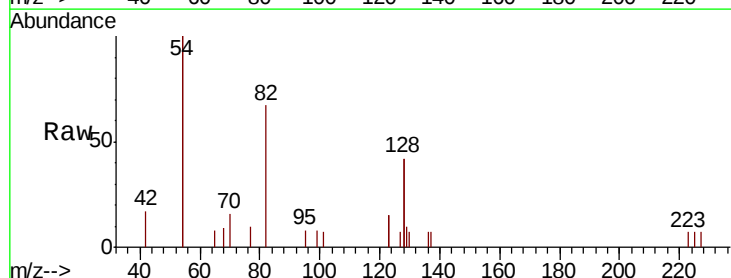
RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

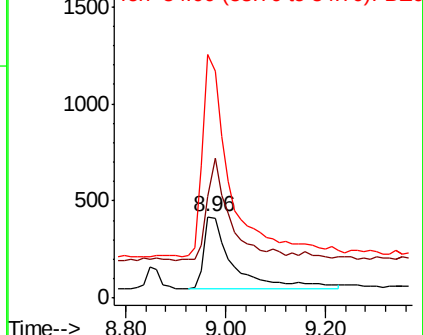
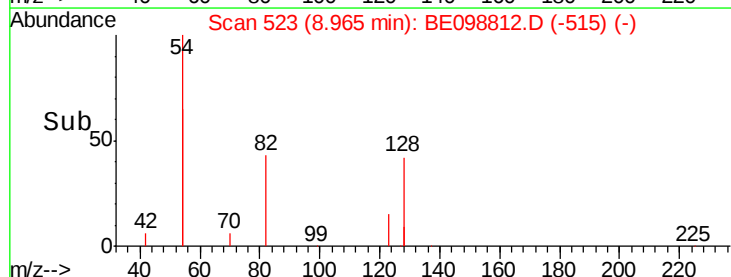
Lab File: BE098812.D

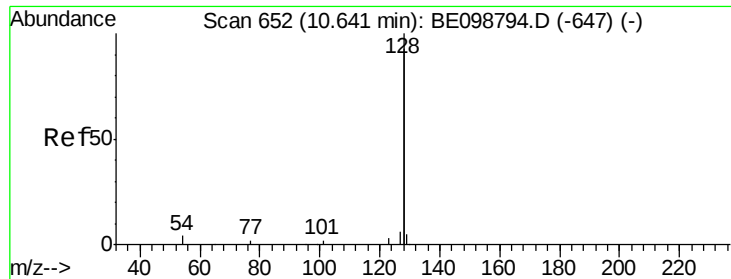
Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	124.9	123.8	185.8
54	300.0	203.4	305.2



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.403 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

Instrument :

BNA_E

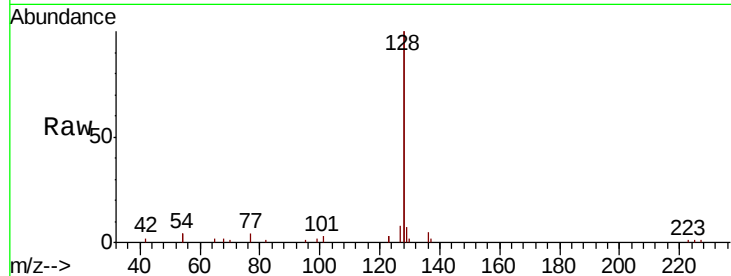
ClientSampleId :

PB117507BS

Tot Ion:	128	Resp:	17364
Ion Ratio	Lower	Upper	
128	100		
129	3.3	2.6	4.0
127	4.1	3.1	4.7

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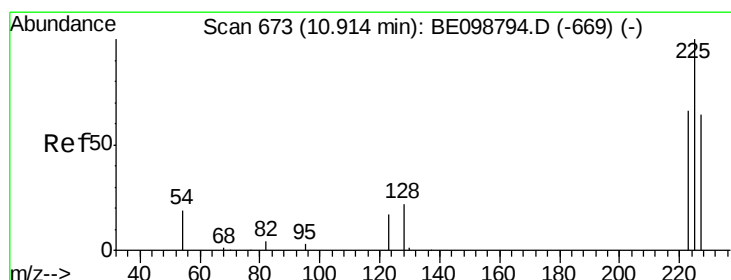
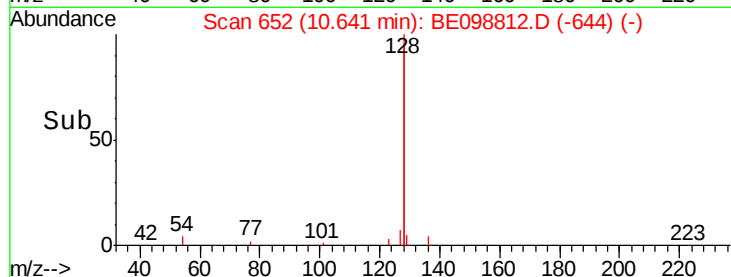
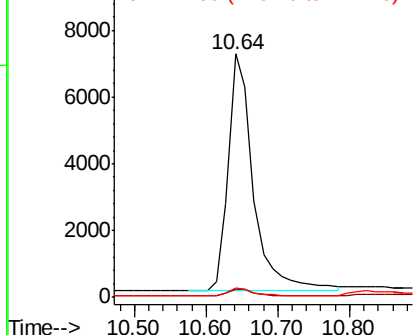


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.397 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.01 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

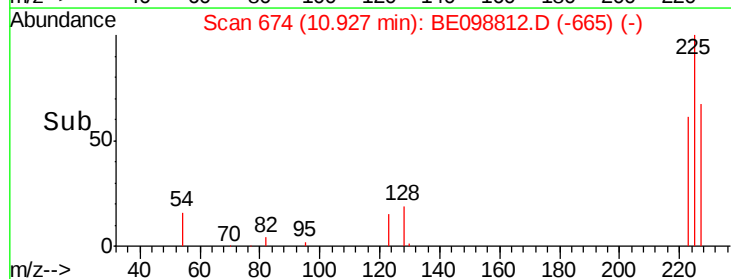
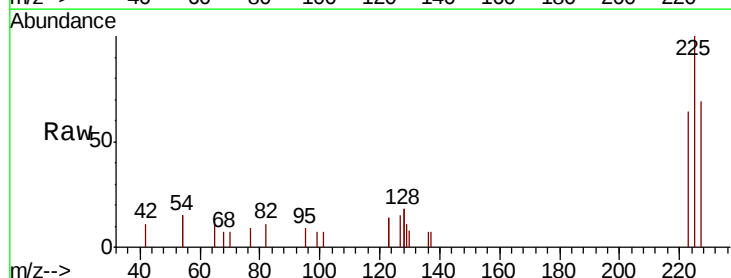
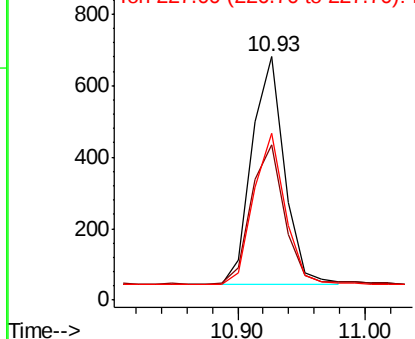
Tgt Ion:	225	Resp:	1133
Ion Ratio	Lower	Upper	
225	100		
223	61.9	51.1	76.7
227	64.2	51.6	77.4

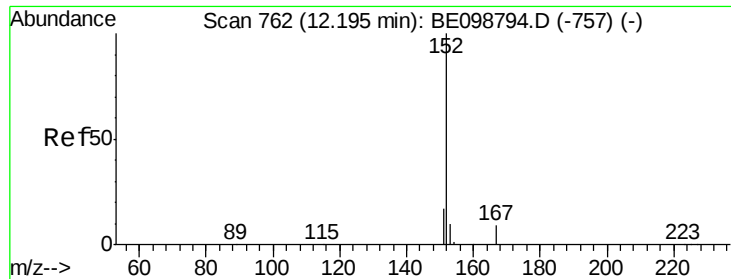
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





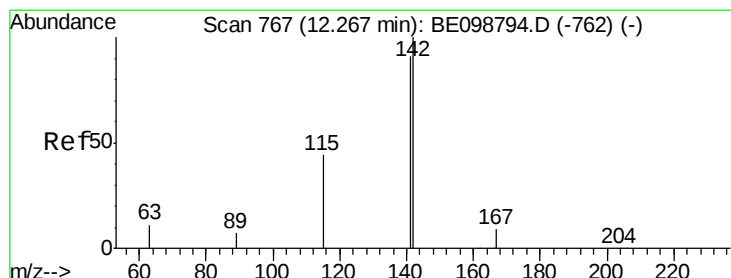
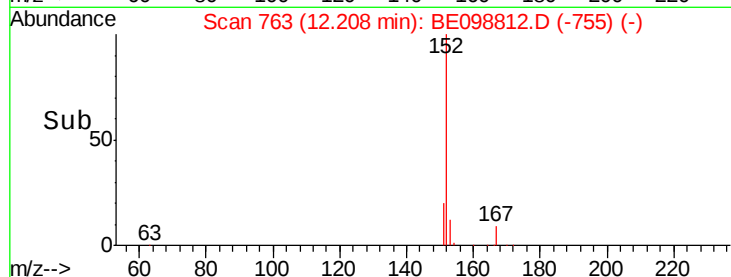
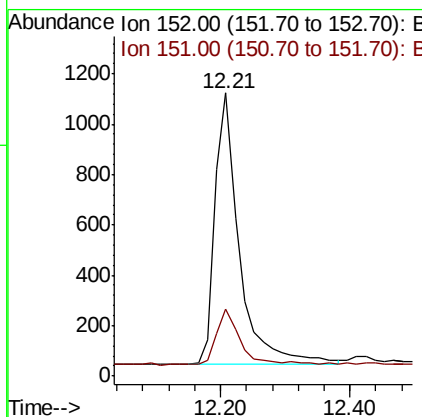
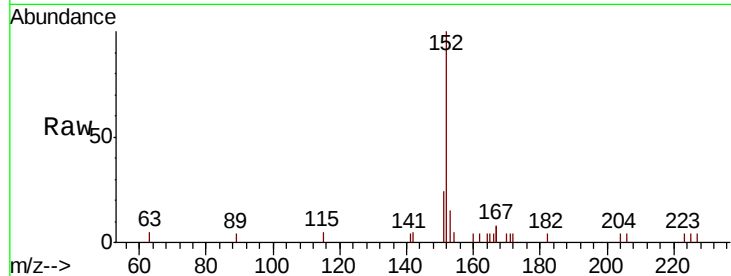
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :
PB117507BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.5	24.7

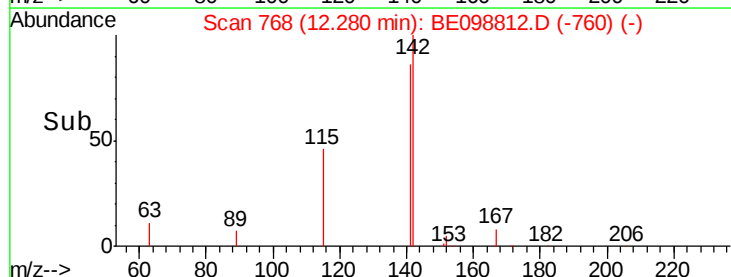
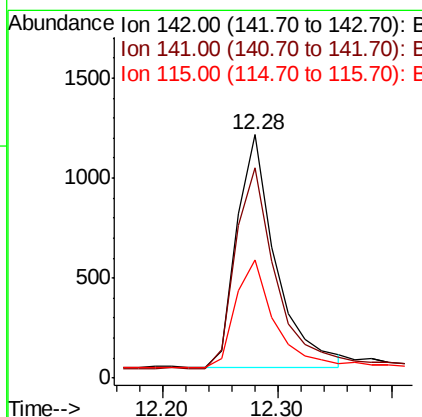
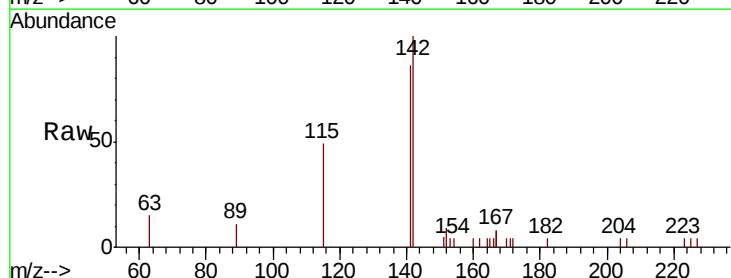
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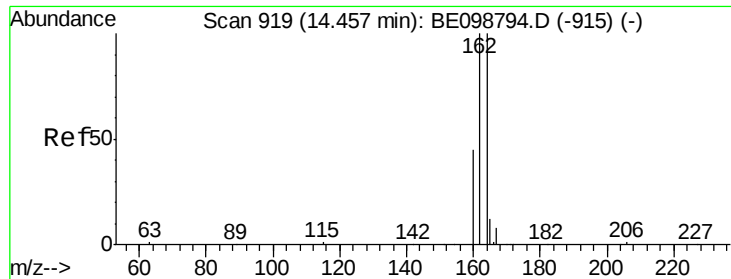
Sohil
3/8/2019 10:38:21 AM



#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	72.6	108.8
115	48.7	37.4	56.2





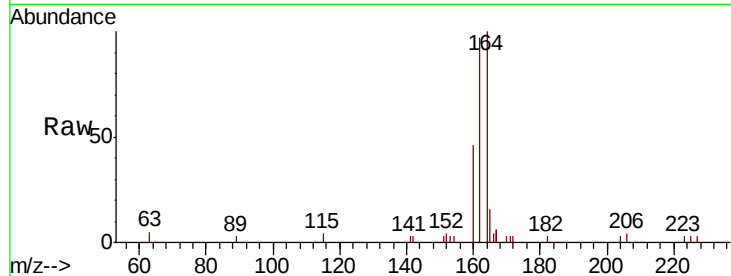
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :
PB117507BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.0	80.2	120.2
160	46.2	37.8	56.8

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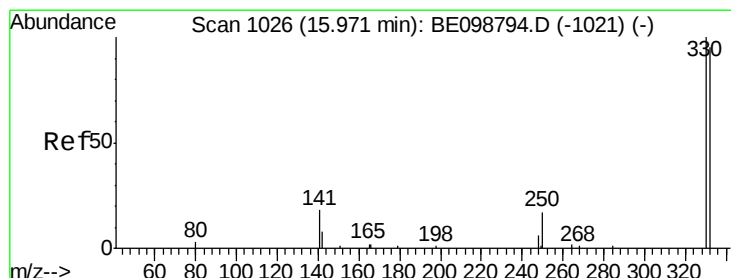
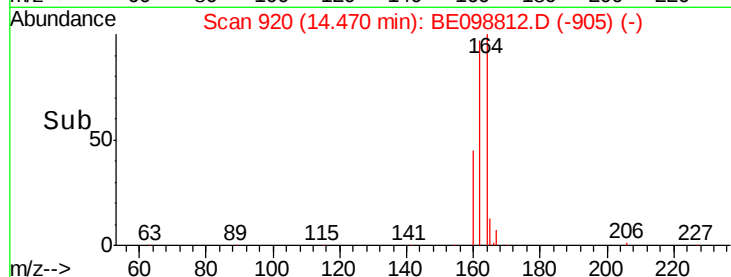
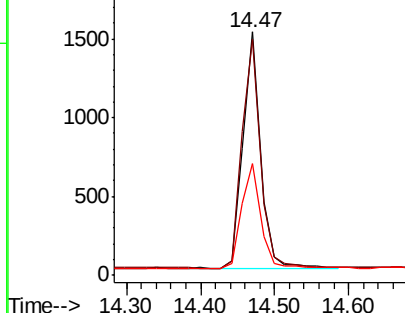


Abundance

Ion 164.00 (163.70 to 164.70): E

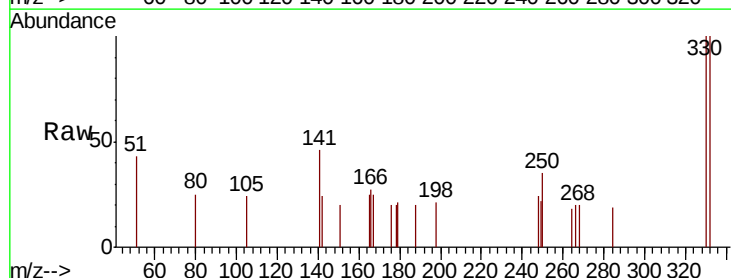
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.8	77.6	116.4
141	44.2	31.0	46.4

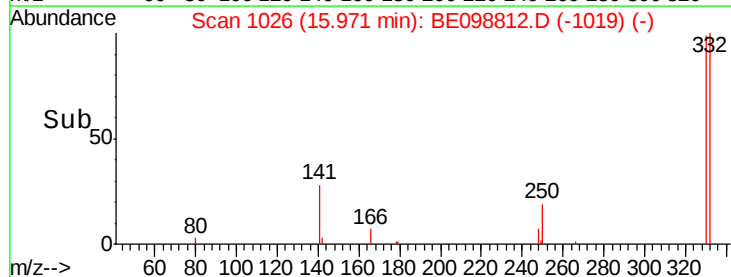
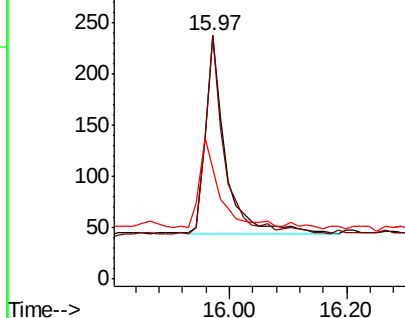


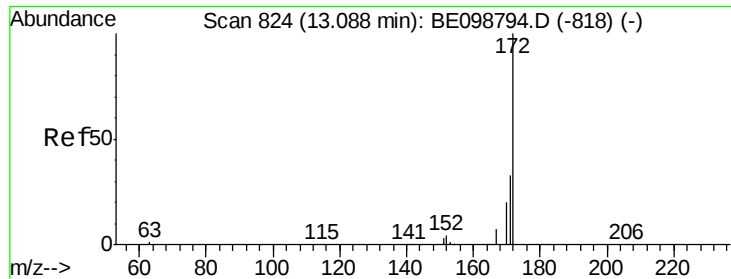
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





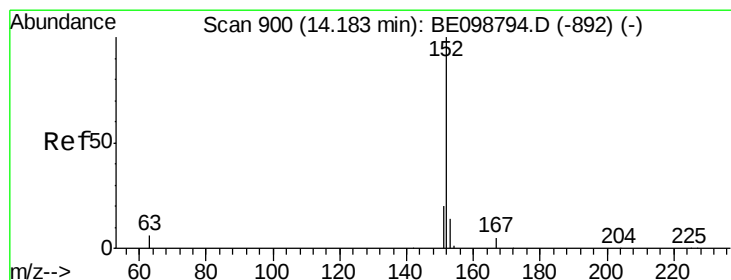
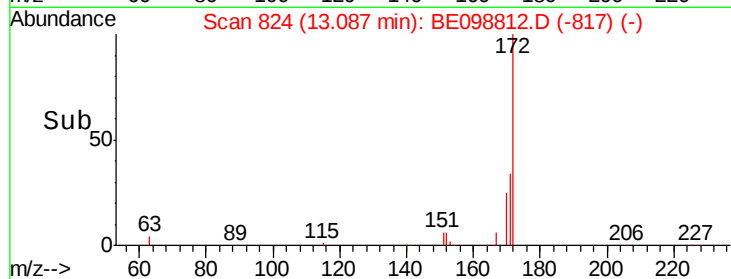
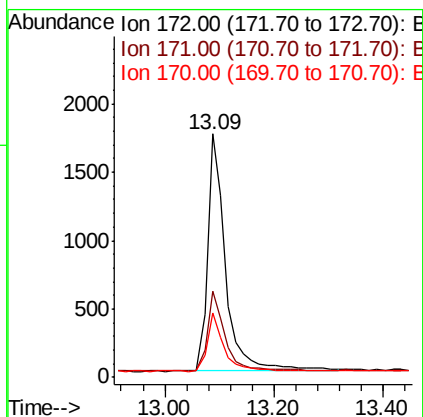
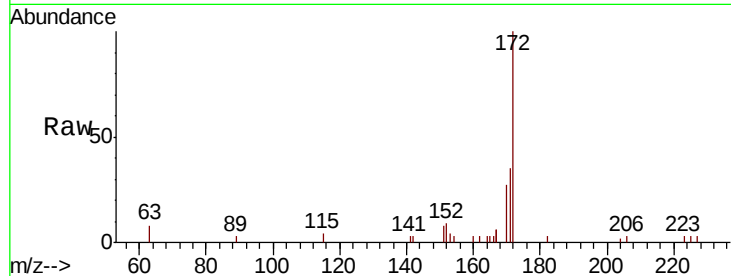
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :
PB117507BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	26.6	17.7	26.5

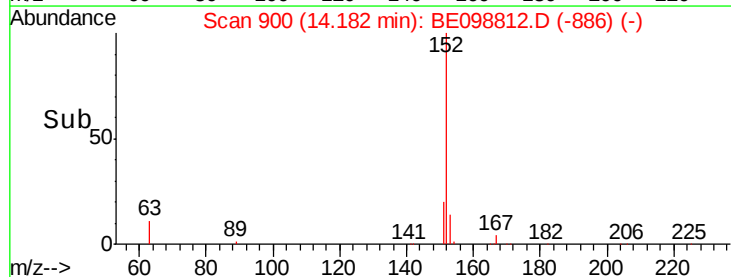
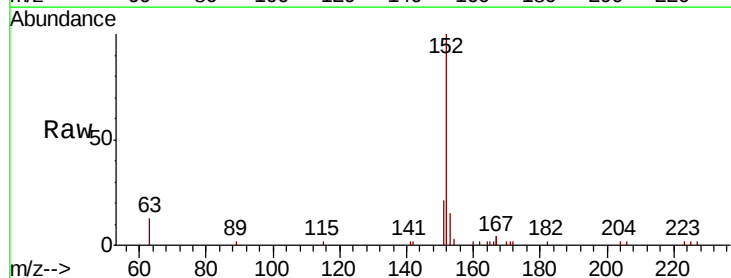
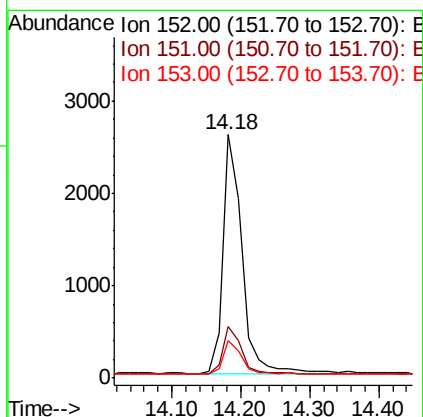
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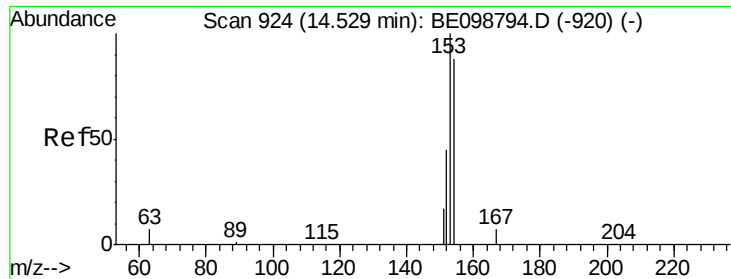
Sohil
3/8/2019 10:38:21 AM



#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.0	25.6
153	13.8	11.2	16.8





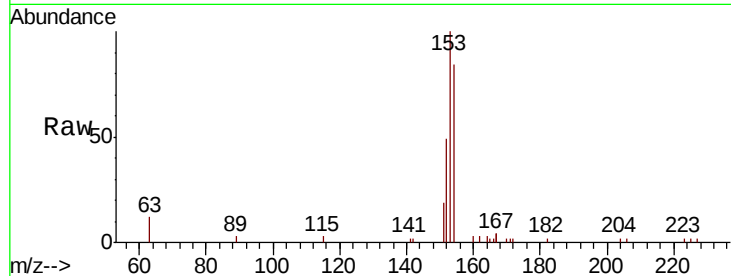
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :
PB117507BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	119.2	94.2	141.4
152	57.5	45.0	67.4

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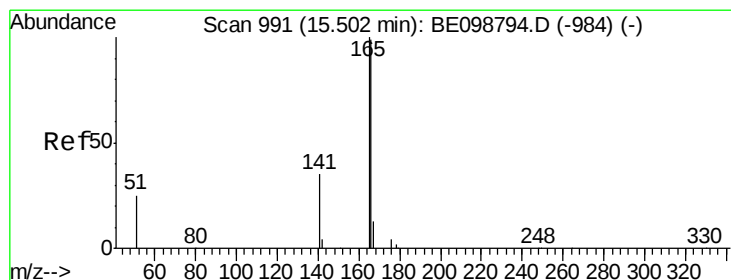
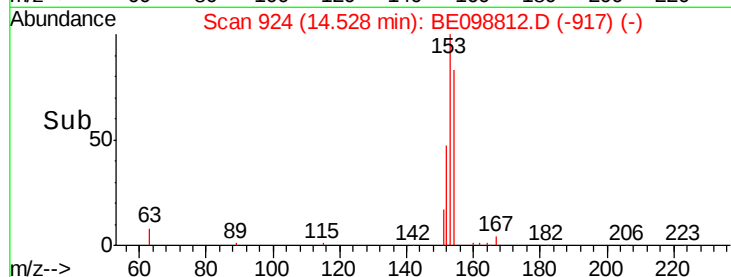
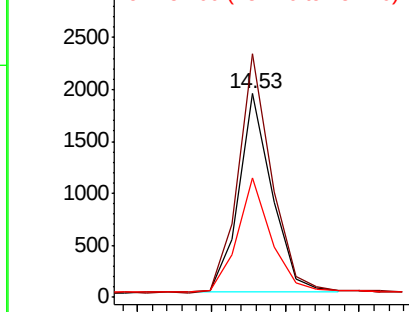


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.390 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

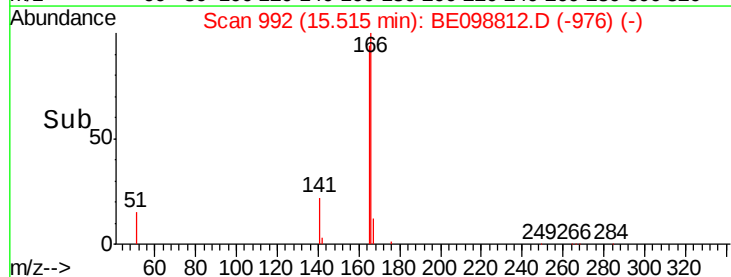
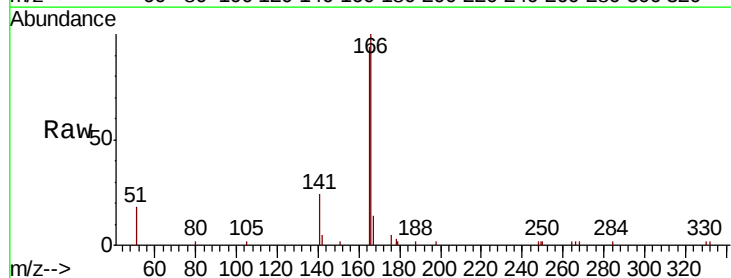
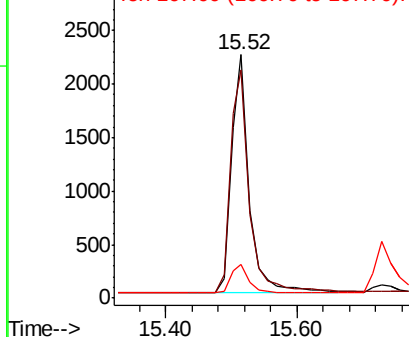
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.3	118.9
167	12.8	10.5	15.7

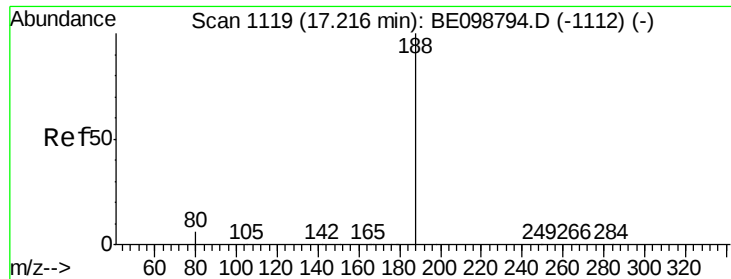
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

Instrument :

BNA_E

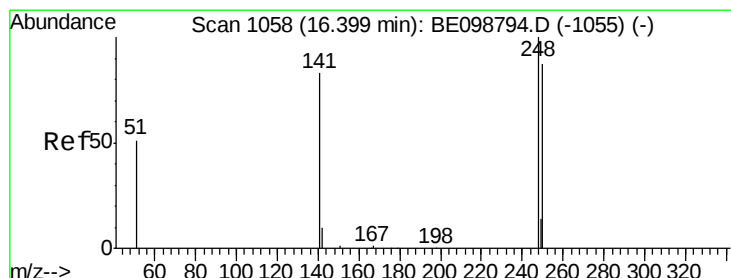
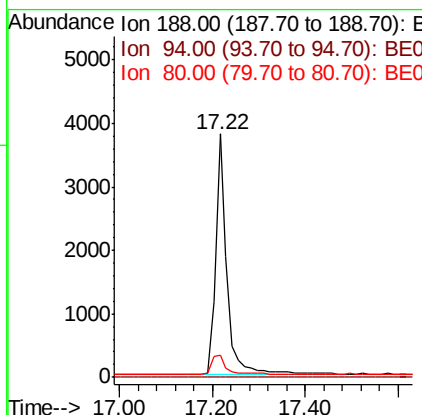
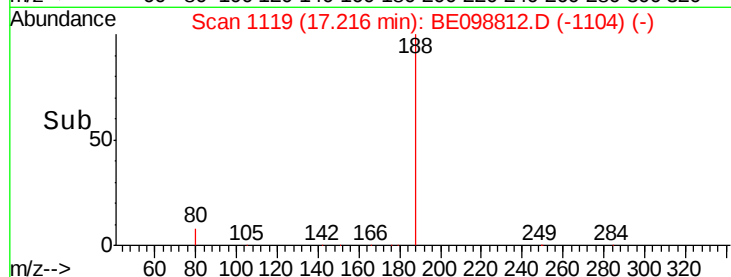
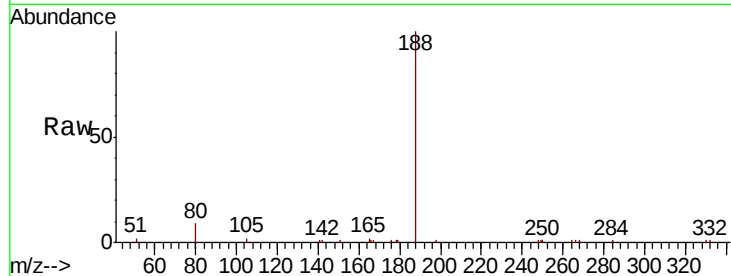
ClientSampleId :

PB117507BS

Tot Ion:	188	Resp:	6557
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.3	6.3	9.5

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#20

4-Bromophenyl-phenylether

Concen: 0.370 ng

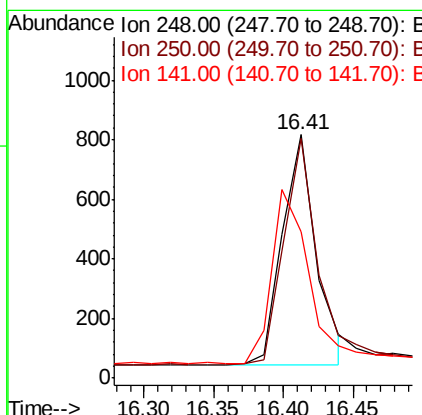
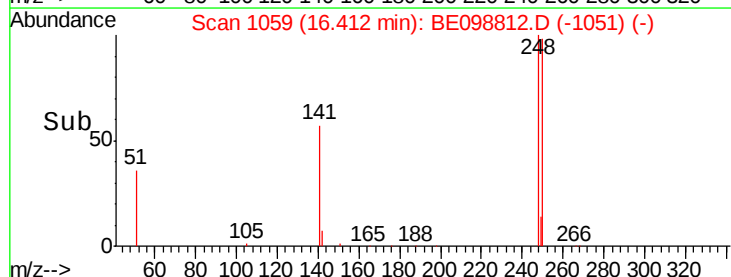
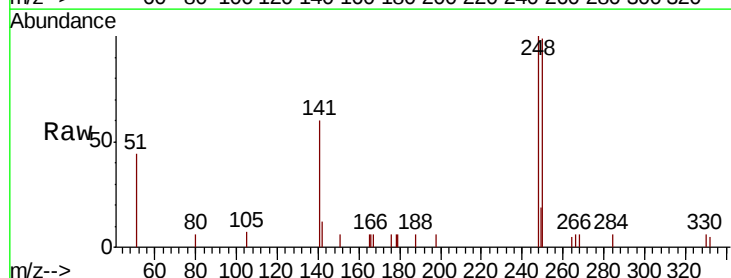
RT: 16.41 min Scan# 1059

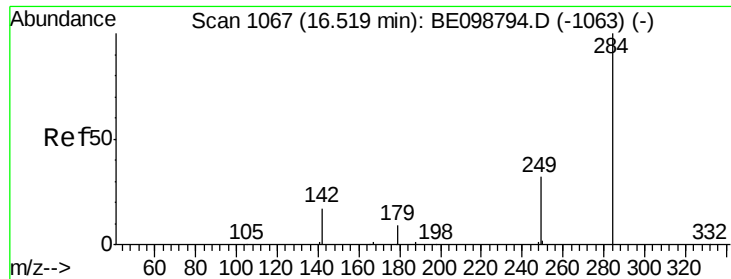
Delta R.T. 0.01 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

Tgt Ion:	248	Resp:	1316
Ion Ratio	Lower	Upper	
248	100		
250	98.5	70.6	105.8
141	60.1	68.6	102.8#





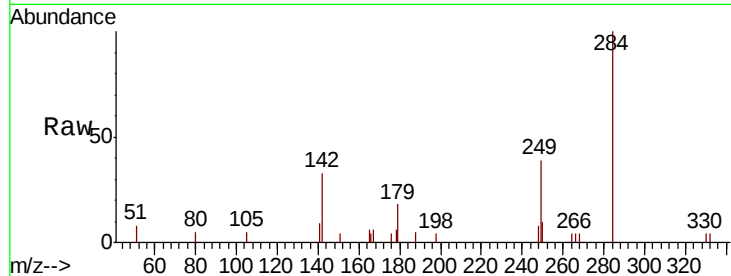
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampled :
PB117507BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.7	43.1
249	33.7	29.6	44.4

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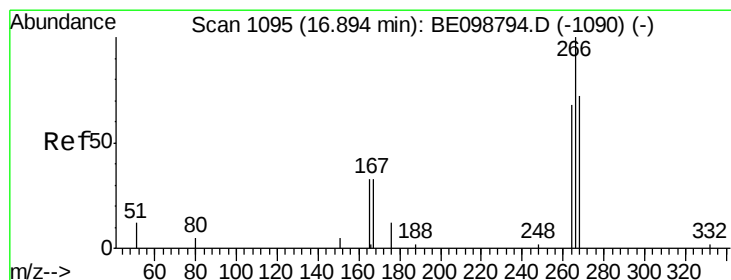
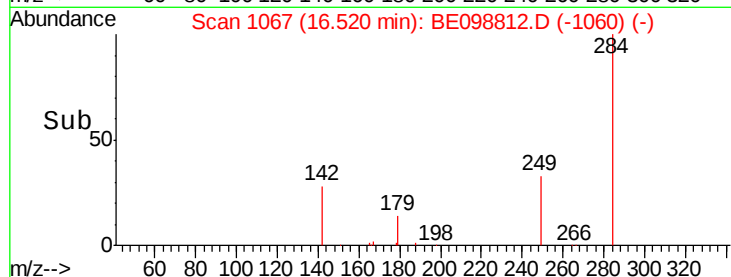
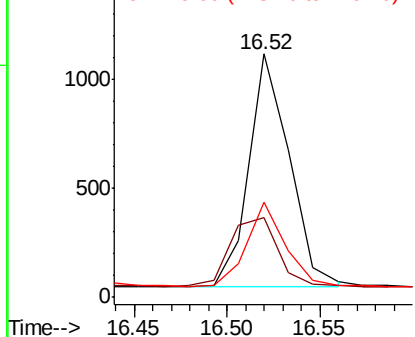


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.440 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

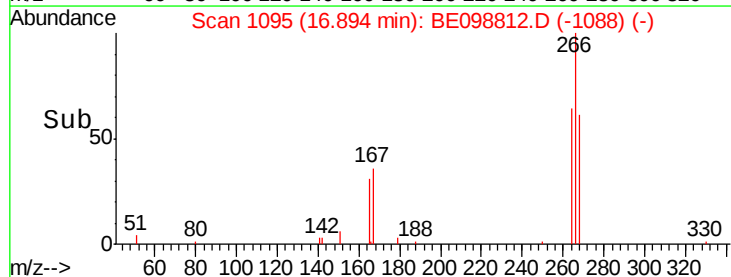
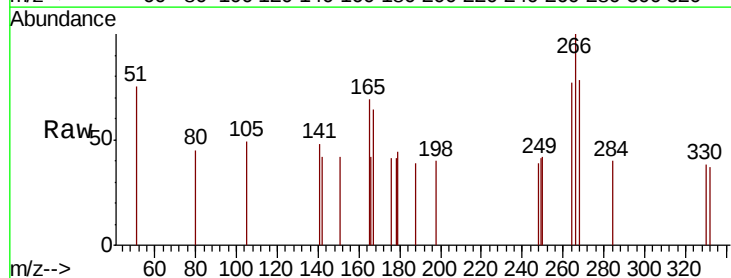
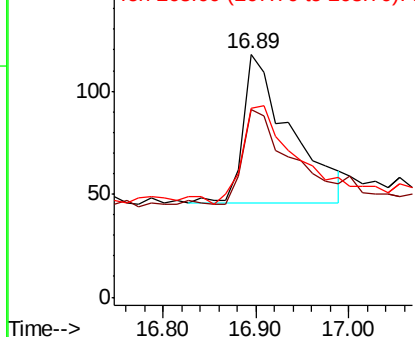
Tgt Ion	Ratio	Lower	Upper
266	100		
264	77.1	66.6	100.0
268	78.0	69.8	104.8

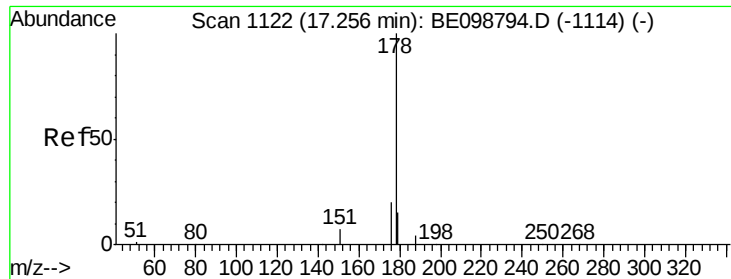
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.390 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

Instrument :

BNA_E

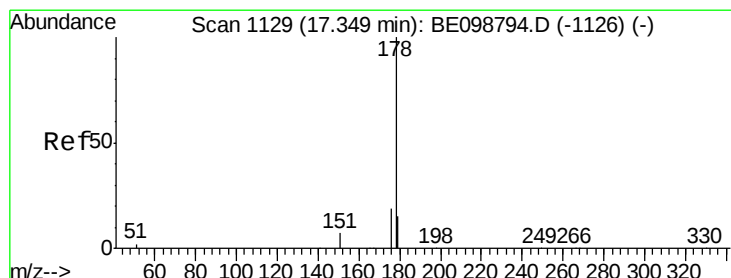
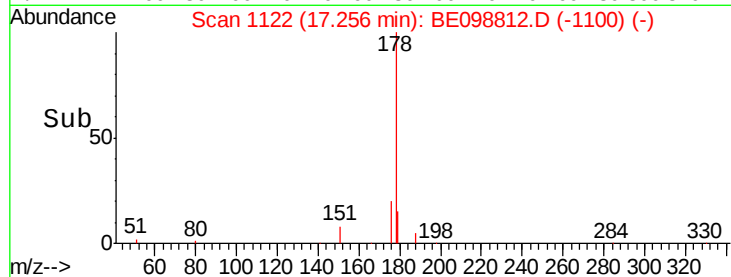
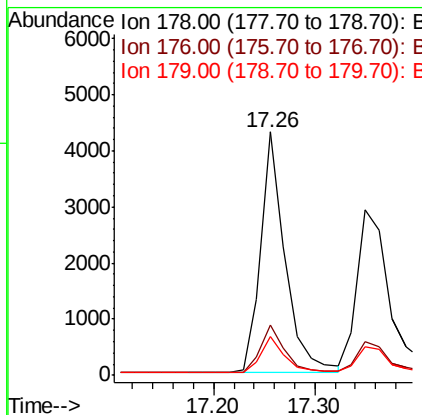
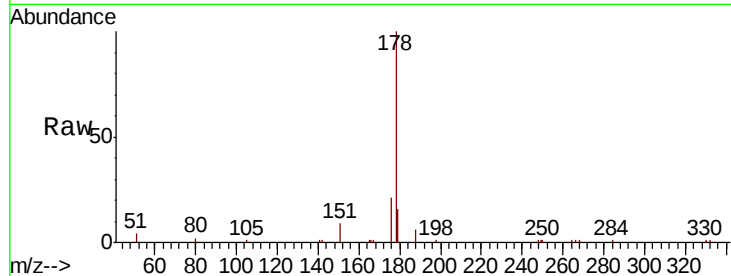
ClientSampleId :

PB117507BS

Tot Ion:178	Resp:	7276
Ion Ratio	Lower	Upper
178	100	
176	19.7	16.0 24.0
179	14.6	12.1 18.1

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#24

Anthracene

Concen: 0.369 ng

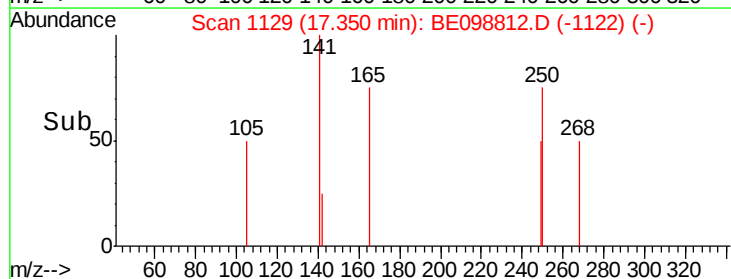
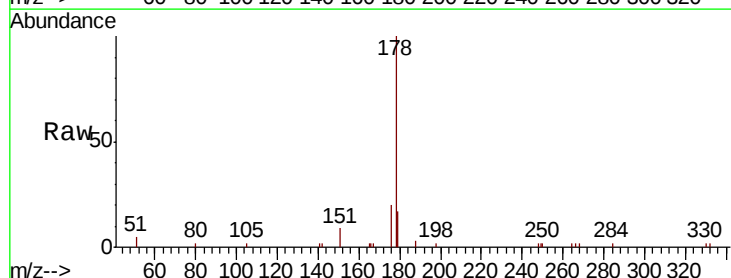
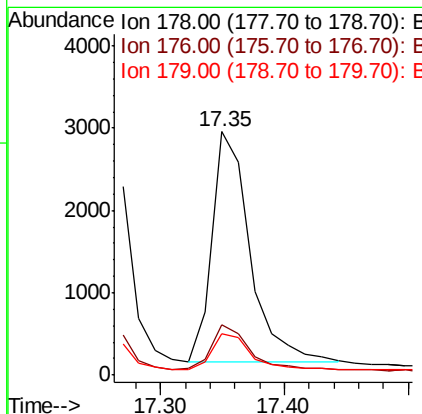
RT: 17.35 min Scan# 1129

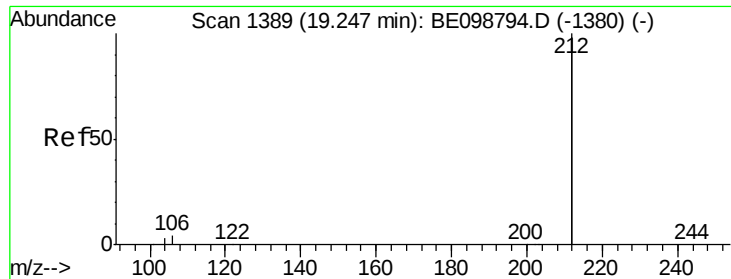
Delta R.T. 0.00 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

Tgt Ion:178	Resp:	5878
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.4 23.0
179	15.6	12.2 18.4





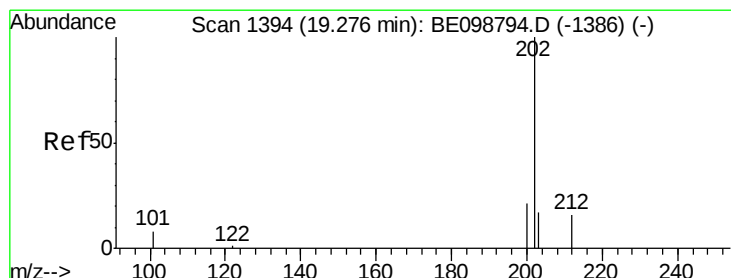
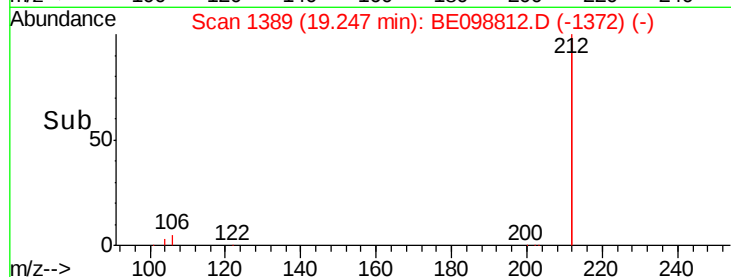
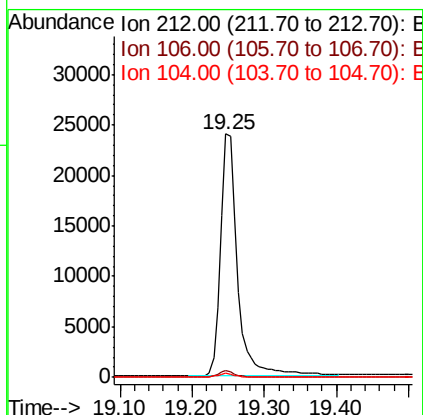
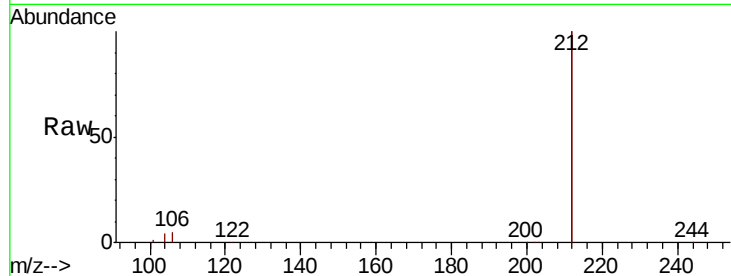
#25
 Fluoranthene-d10
 Concen: 0.371 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE098812.D
 Acq: 7 Mar 2019 10:09

Instrument :
 BNA_E
 ClientSampleId :
 PB117507BS

Tot Ion	Ratio	Resp	Lower	Upper
212	100	38795		
106	2.3		1.8	2.8
104	1.4		1.0	1.6

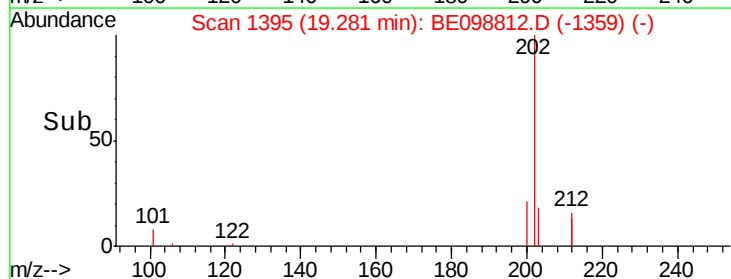
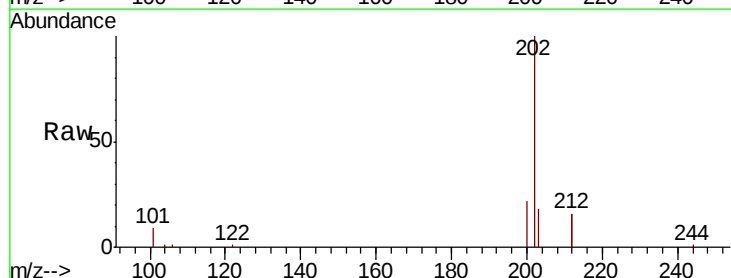
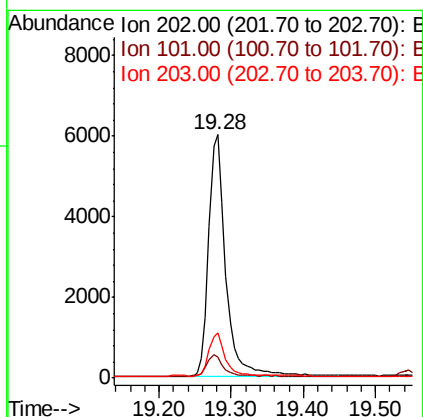
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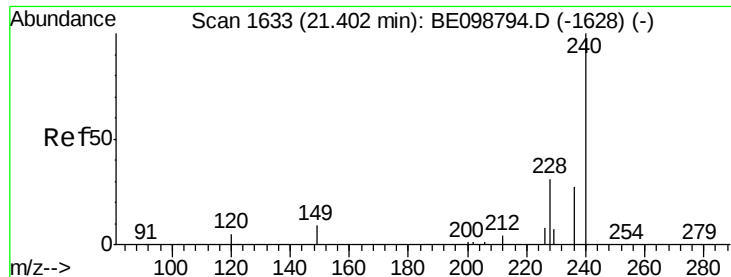
Sohil
 3/8/2019 10:38:21 AM



#26
 Fluoranthene
 Concen: 0.374 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BE098812.D
 Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	9848		
101	8.8		7.3	10.9
203	16.9		13.4	20.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

Instrument :

BNA_E

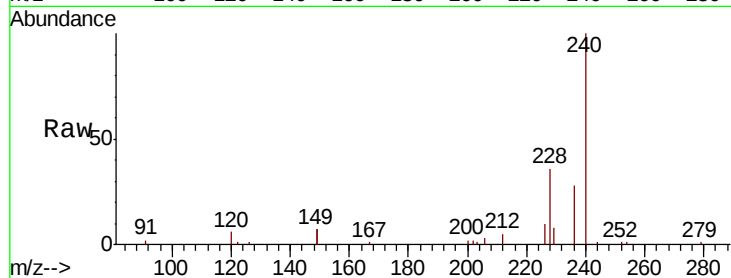
ClientSampleId :

PB117507BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.4
236	28.0	22.7	34.1

Manual Integrations
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3/8/2019 10:38:21 AM

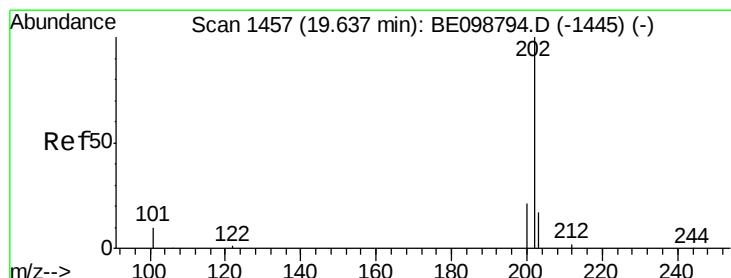
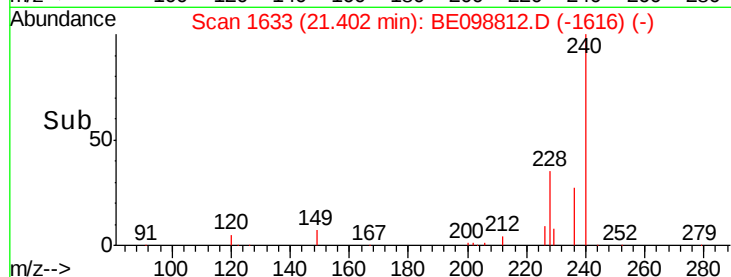
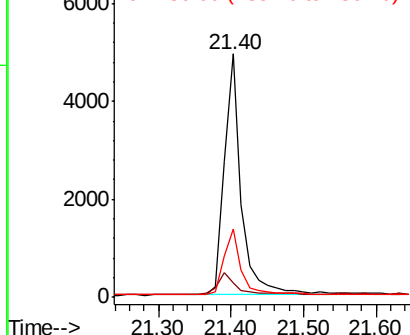


Abundance

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: 0.410 ng

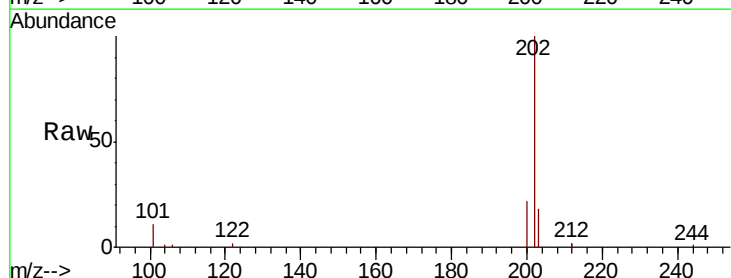
RT: 19.64 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BE098812.D

Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.0	14.2	21.2

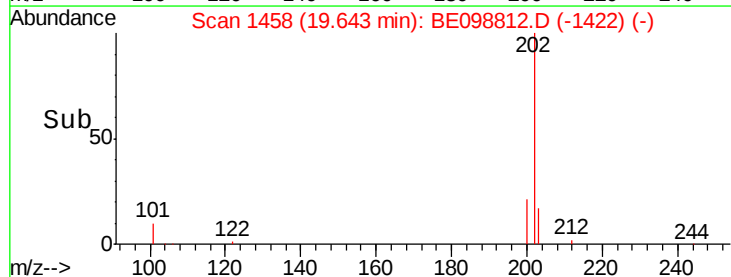
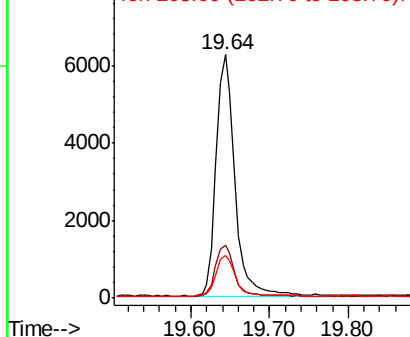


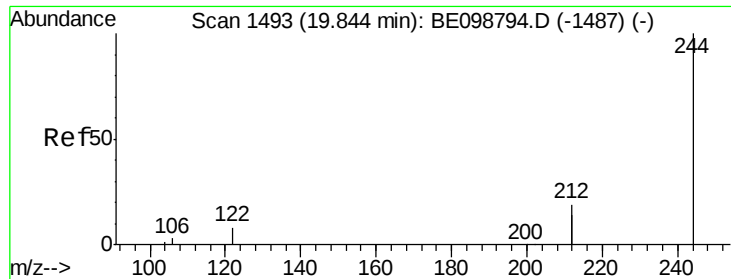
Abundance

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





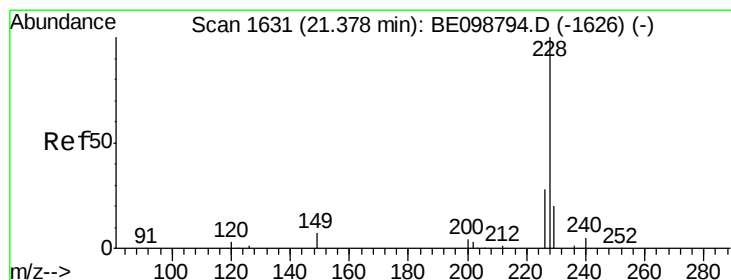
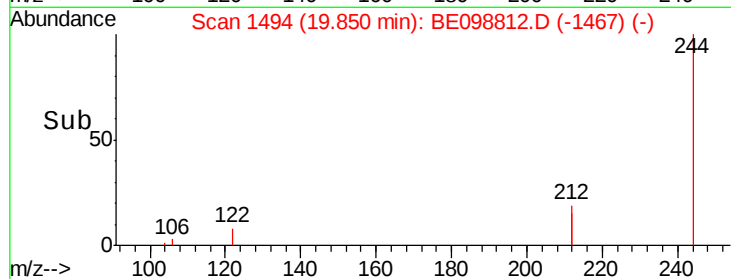
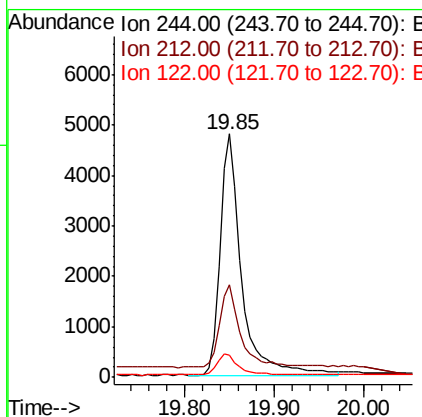
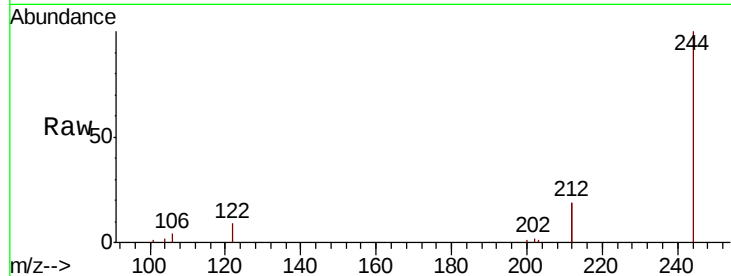
#29
 Terphenyl-d14
 Concen: 0.396 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BE098812.D
 Acq: 7 Mar 2019 10:09

Instrument :
 BNA_E
 ClientSampleId :
 PB117507BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	38.0	29.4	44.2
122	9.1	7.1	10.7

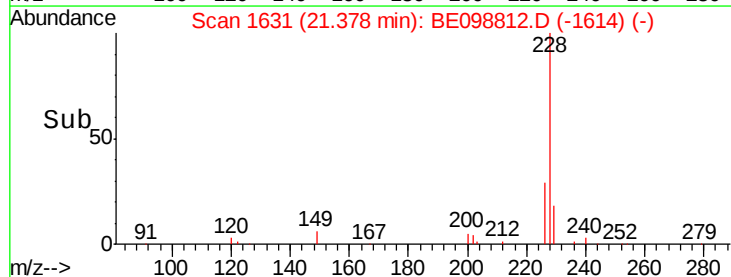
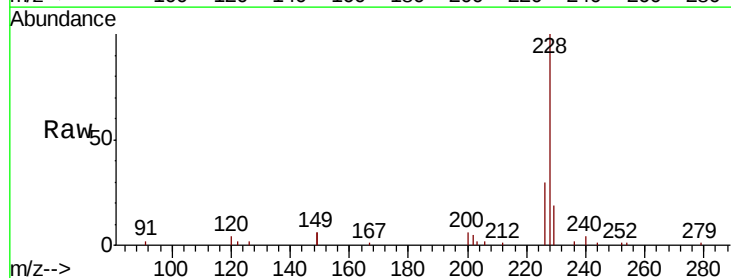
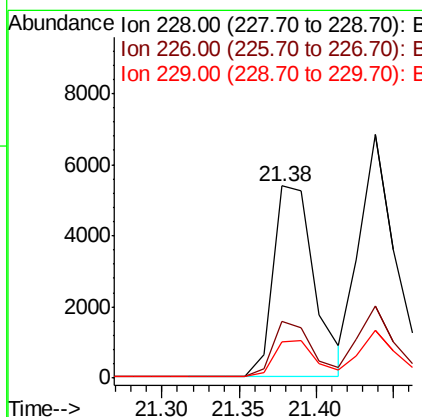
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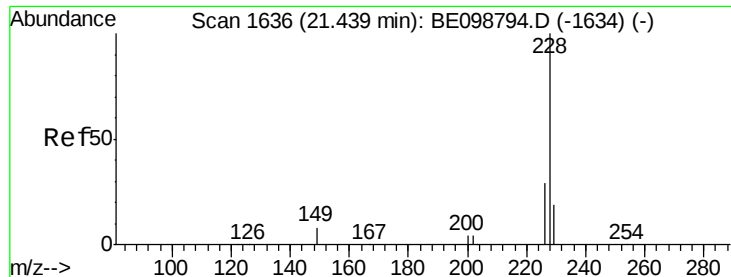
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#30
 Benzo(a)anthracene
 Concen: 0.392 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BE098812.D
 Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	19.0	16.5	24.7





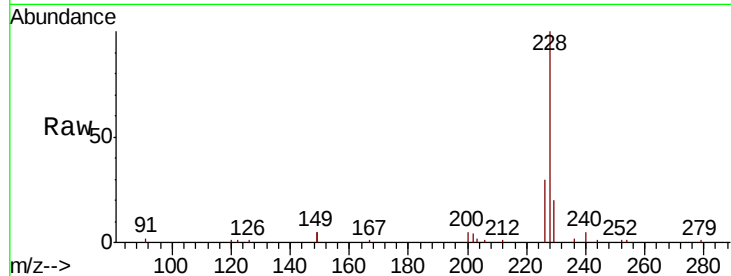
#31
Chrysene
Concen: 0.410 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampled :
PB117507BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.8	16.1	24.1

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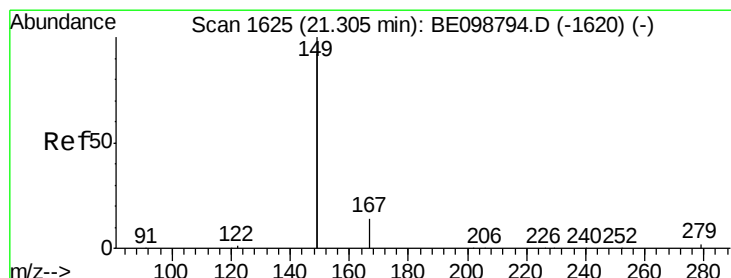
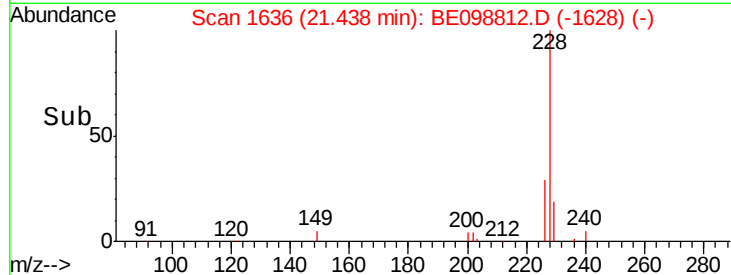
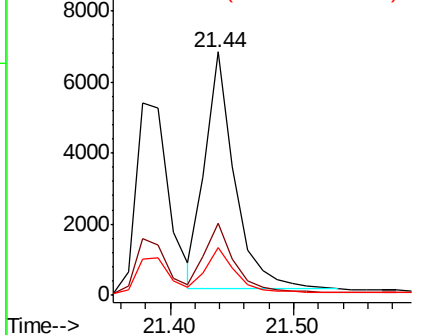


Abundance

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



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.339 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

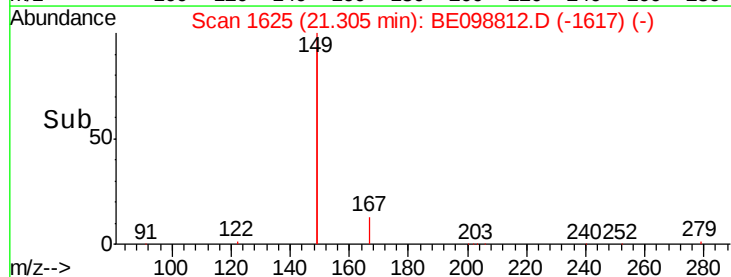
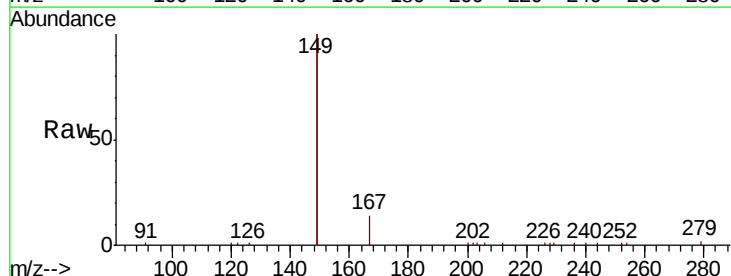
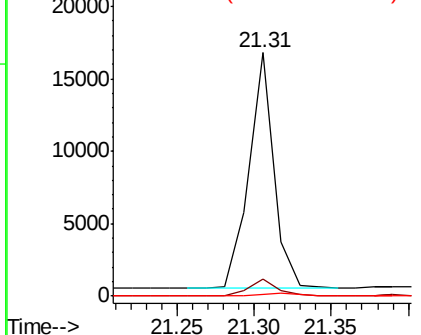
Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.1	1.0	1.4

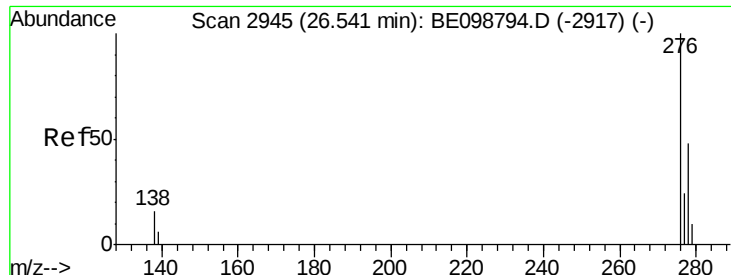
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





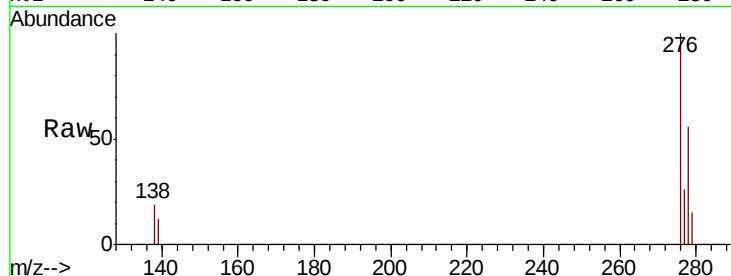
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng
RT: 26.54 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :
PB117507BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	13.8	20.8
277	25.0	19.5	29.3

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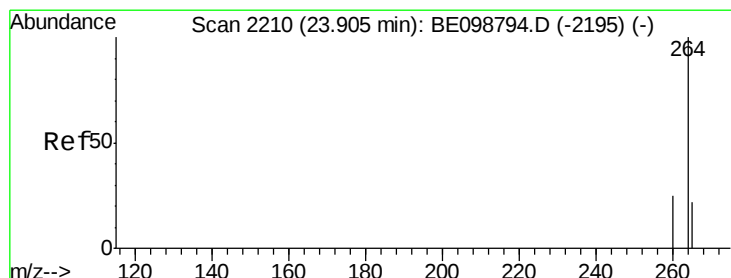
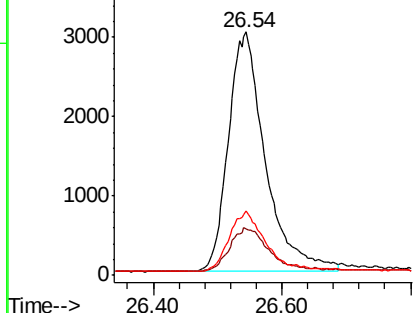
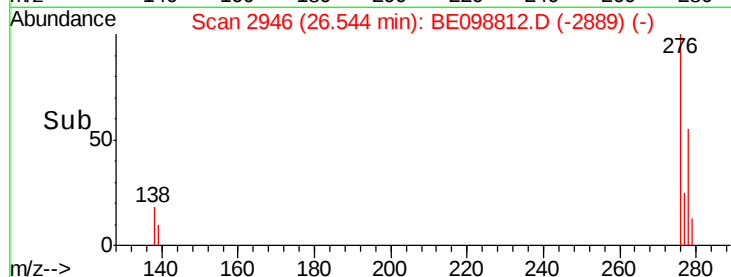


Abundance

Ion 276.00 (275.70 to 276.70): E

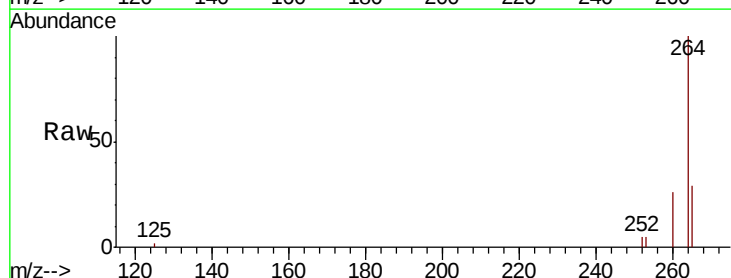
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.2	31.8
265	28.6	24.6	36.8

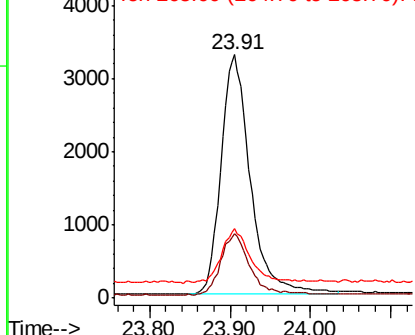
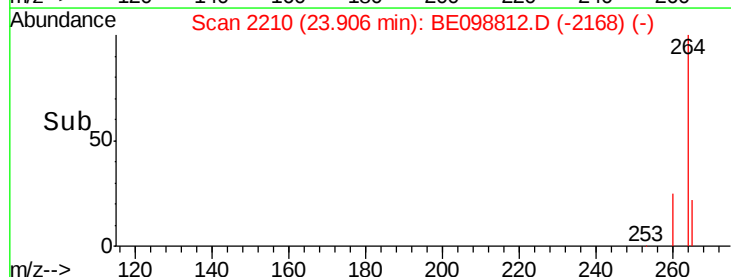


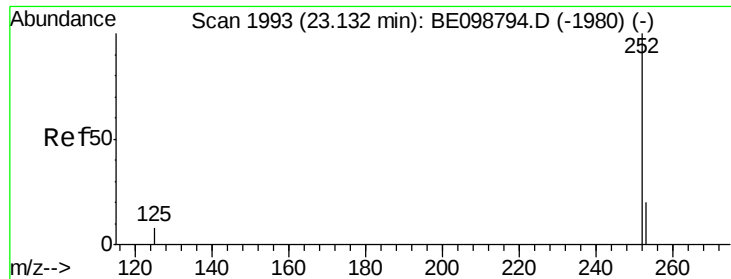
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





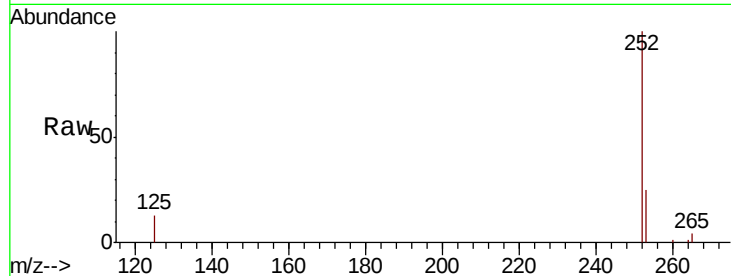
#35
Benzo(b)fluoranthene
Concen: 0.387 ng m
RT: 23.14 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :
PB117507BS

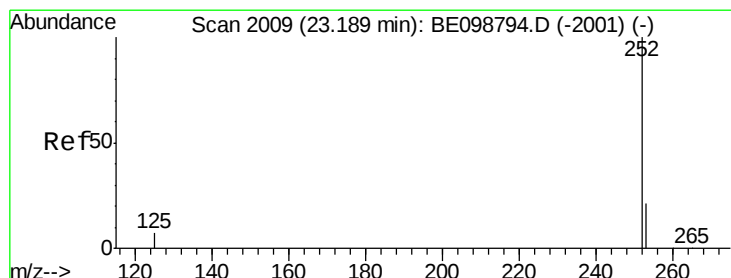
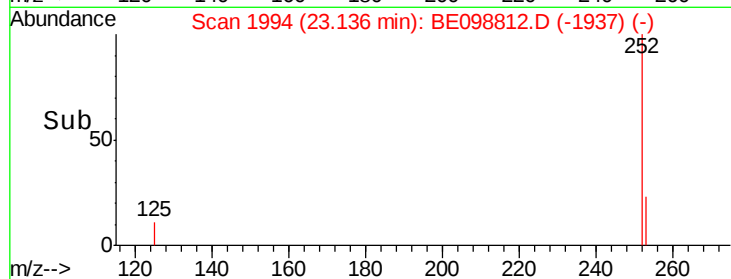
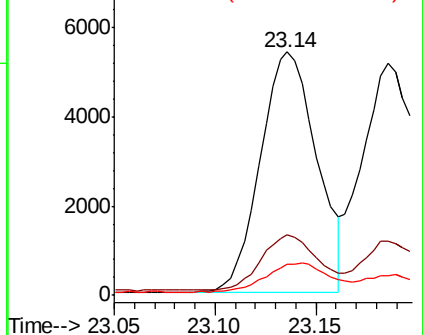
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	12.7	7.3	10.9

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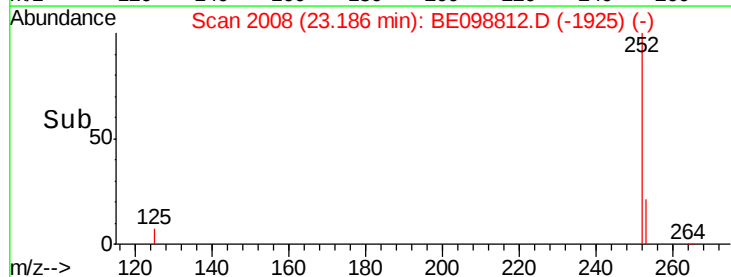
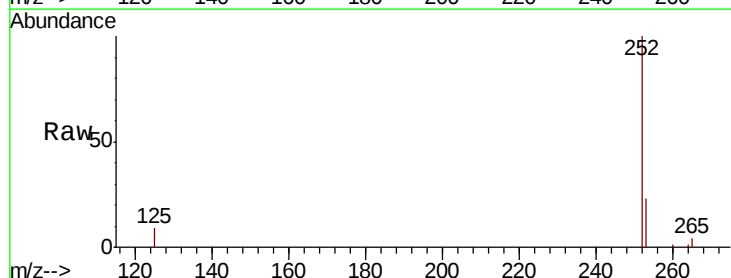
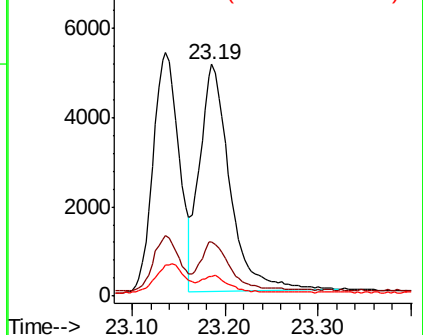
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

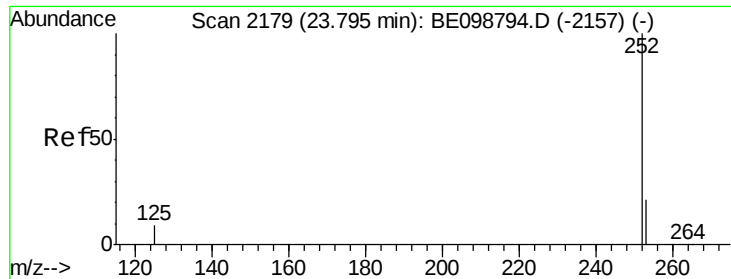


#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 23.19 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	8.7	7.5	11.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





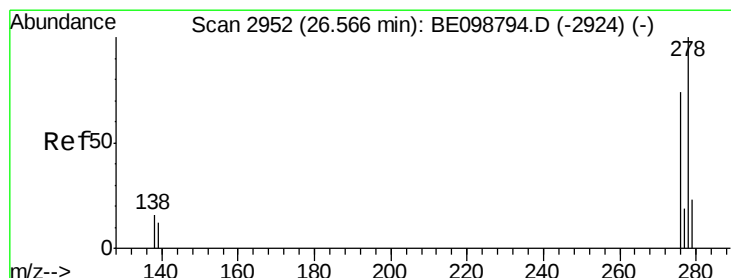
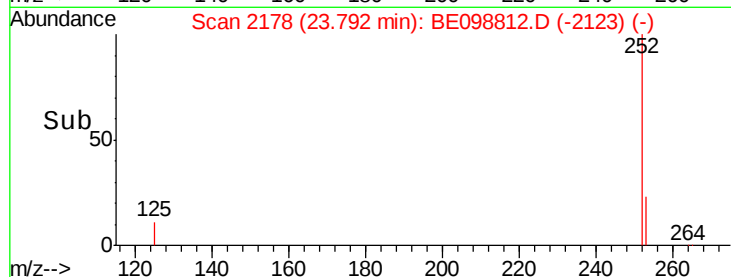
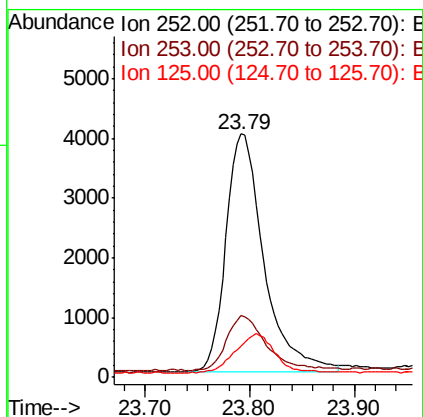
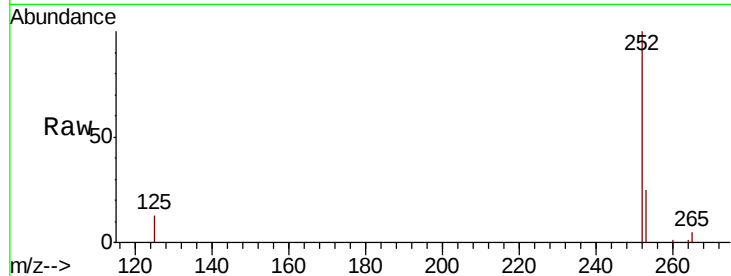
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampled :
PB117507BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.9	29.9
125	12.6	9.0	13.4

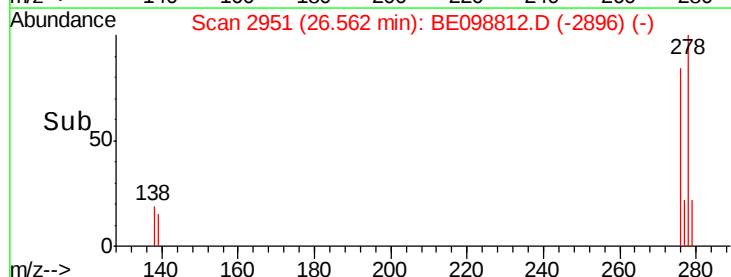
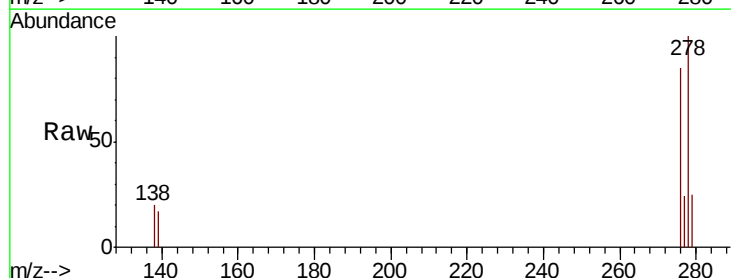
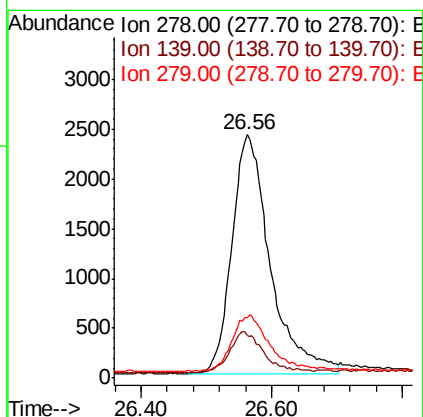
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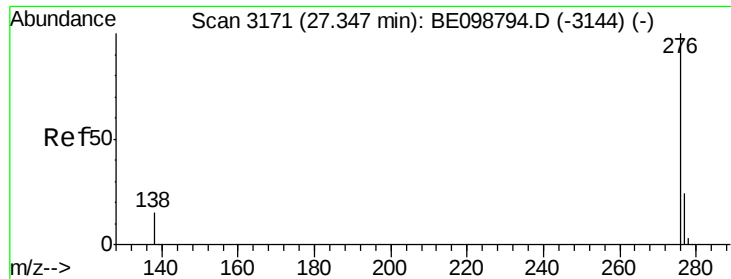
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#38
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	11.8	17.6
279	25.0	21.1	31.7





#39
 Benzo(a,h,i)perylene
 Concen: 0.387 ng
 RT: 27.35 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BE098812.D
 Acq: 7 Mar 2019 10:09

Instrument :
 BNA_E
 ClientSampleId :
 PB117507BS

Tot Ion:	276	Resp:	9968
Ion Ratio	Lower	Upper	
276	100		
277	24.6	20.4	30.6
138	16.6	13.6	20.4

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