

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
 Data File : BE098814.D
 Acq On : 7 Mar 2019 11:21
 Operator : JU/SJ
 Sample : PB117620BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117620BSD

Manual Integrations
 APPROVED

Sohil
 3/8/2019 10:38:28 AM

Quant Time: Mar 07 13:07:36 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	7.78	152	887	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3731	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2482	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6533	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8316	0.40	ng	0.00
34) Perylene-d12	23.90	264	8266	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1003	0.38	ng	0.00
5) Phenol-d6	6.98	99	1298	0.35	ng	0.00
8) Nitrobenzene-d5	8.96	82	1370	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2773	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	455	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4080	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	38115	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	7764	0.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	629	0.356	ng	95
3) n-Nitrosodimethylamine	3.61	42	714	0.320	ng	# 99
6) bis(2-Chloroethyl)ether	7.22	93	1020	0.353	ng	# 89
9) Naphthalene	10.64	128	17208	0.403	ng	99
10) Hexachlorobutadiene	10.91	225	1137	0.402	ng	98
12) 2-Methylnaphthalene	12.27	142	2689	0.388	ng	99
16) Acenaphthylene	14.18	152	4957	0.388	ng	97
17) Acenaphthene	14.53	154	2984	0.394	ng	98
18) Fluorene	15.50	166	4114	0.377	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	1313	0.371	ng	97
21) Hexachlorobenzene	16.52	284	1595	0.379	ng	98
22) Pentachlorophenol	16.89	266	245	0.435	ng	97
23) Phenanthrene	17.25	178	6908	0.372	ng	100
24) Anthracene	17.35	178	5623	0.354	ng	98
26) Fluoranthene	19.28	202	9614	0.367	ng	100
28) Pyrene	19.64	202	10139	0.399	ng	99
30) Benzo(a)anthracene	21.38	228	10184	0.392	ng	98
31) Chrysene	21.44	228	10656	0.384	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	18494	0.335	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	12317	0.420	ng	98
35) Benzo(b)fluoranthene	23.13	252	10792m	0.397	ng	
36) Benzo(k)fluoranthene	23.18	252	11499	0.404	ng	99
37) Benzo(a)pyrene	23.79	252	10596	0.407	ng	# 95
38) Dibenzo(a,h)anthracene	26.56	278	9515	0.386	ng	# 93
39) Benzo(g,h,i)perylene	27.35	276	10168	0.394	ng	98

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

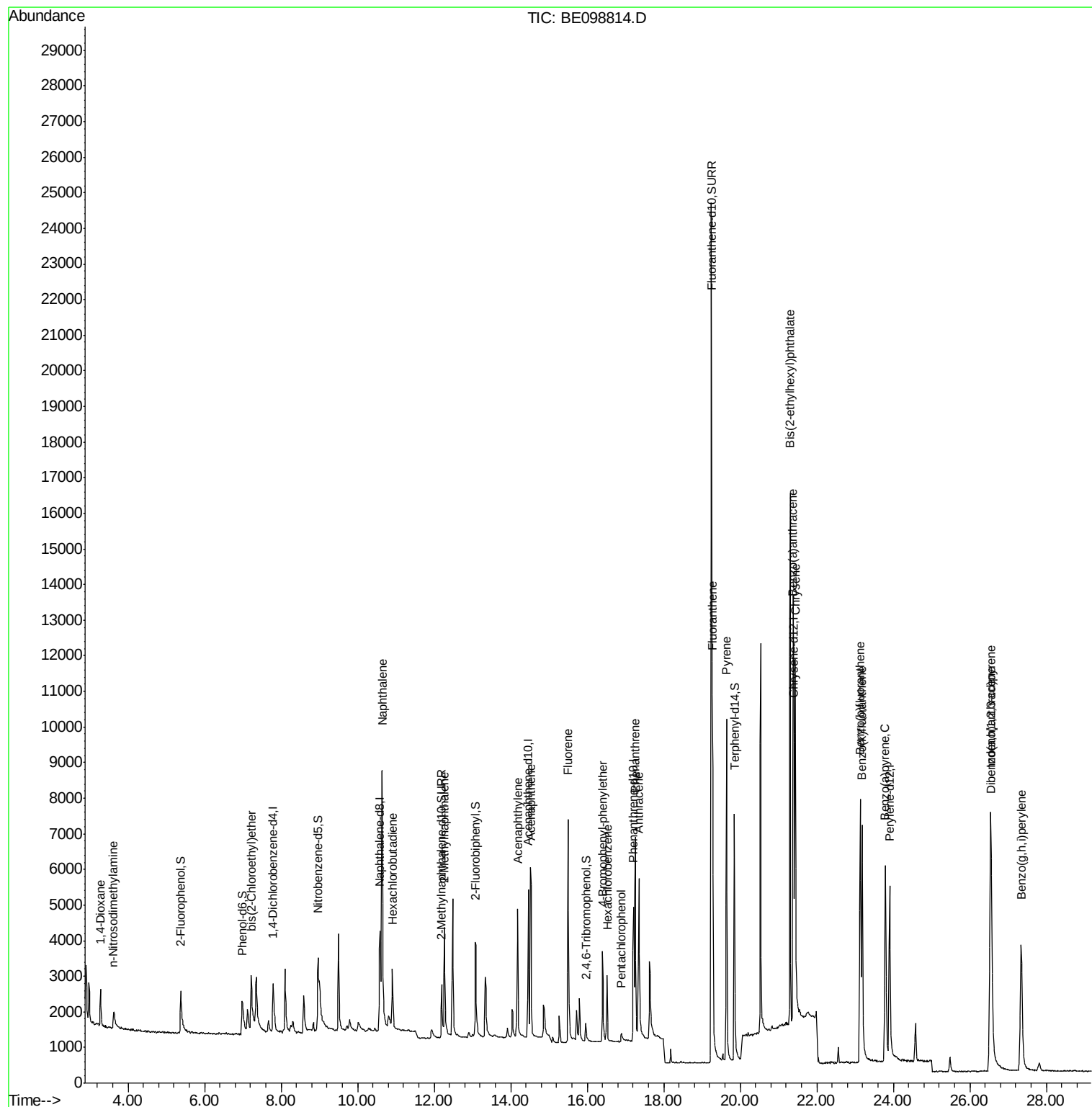
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
Data File : BE098814.D
Acq On : 7 Mar 2019 11:21
Operator : JU/SJ
Sample : PB117620BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

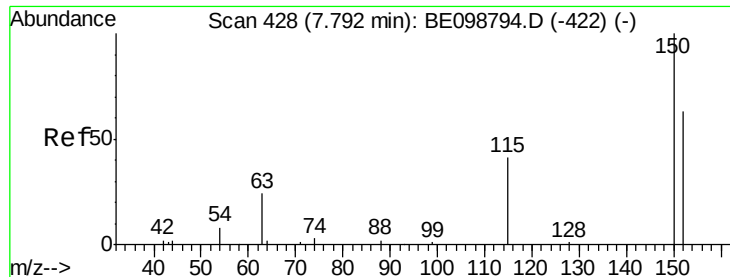
Instrument :
BNA_E
ClientSampleId :
PB117620BSD

Manual Integrations
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3/8/2019 10:38:28 AM

Quant Time: Mar 07 13:07:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

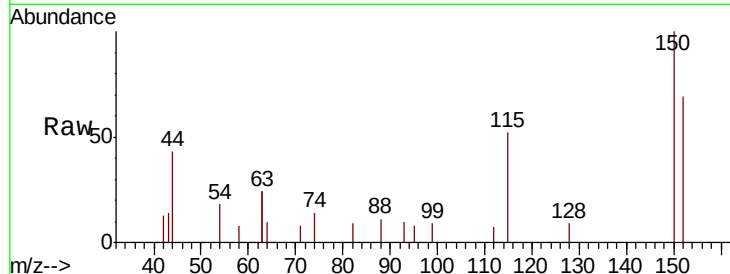
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :
PB117620BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	122.5	183.7
115	75.6	57.4	86.2

Manual Integrations
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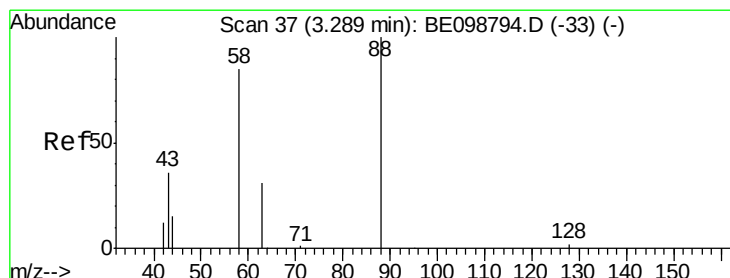
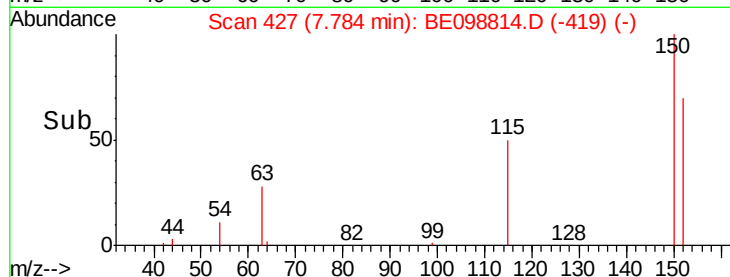
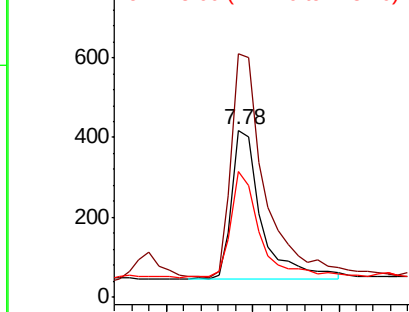


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

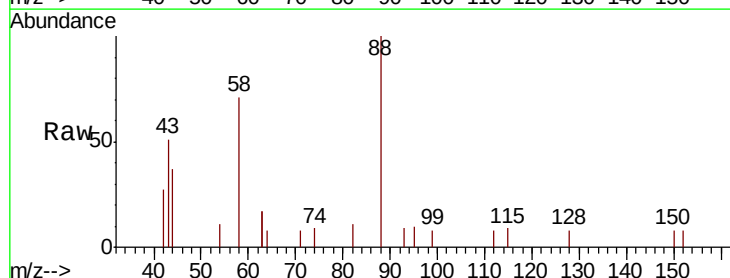
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.356 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.0	75.8	113.6
43	53.9	41.8	62.8

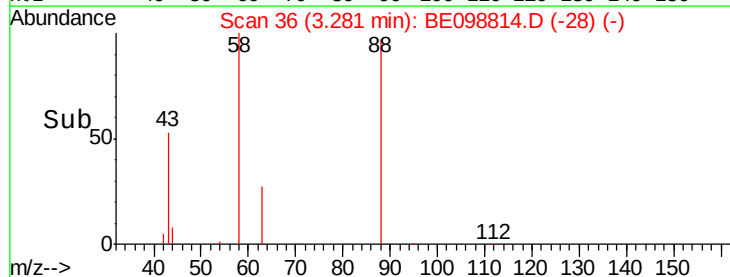
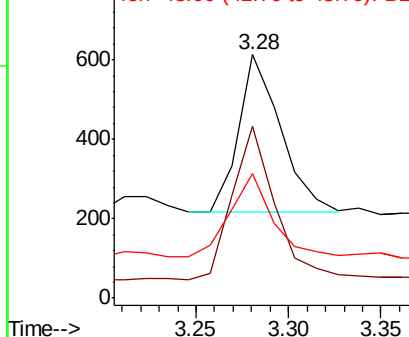


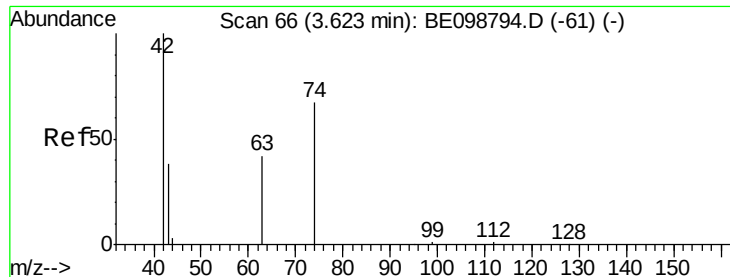
Abundance

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

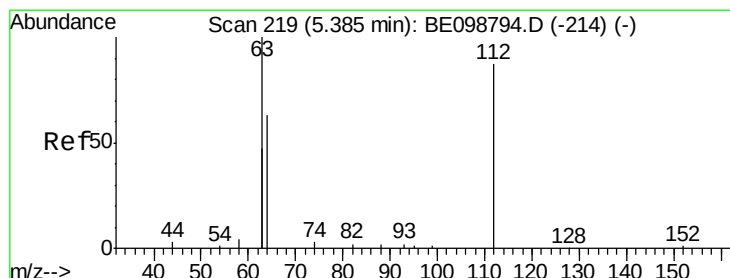
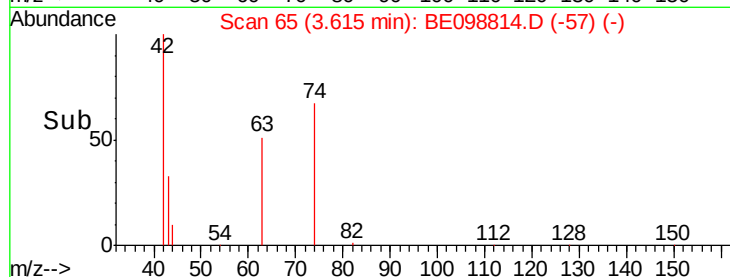
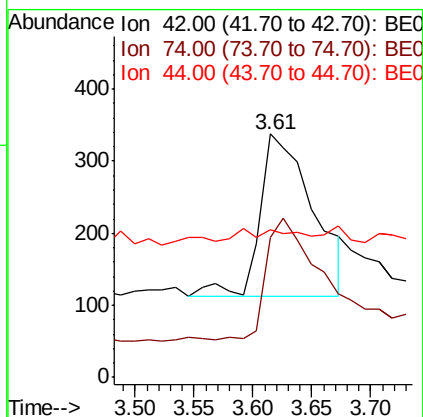
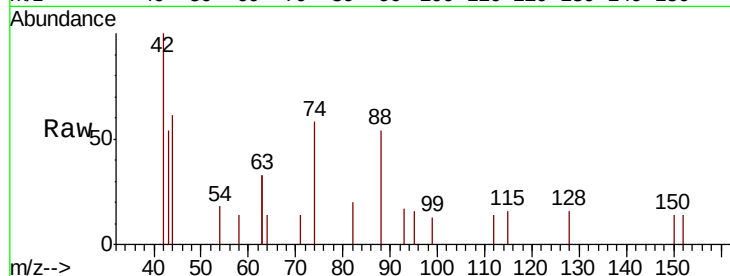
n-Nitrosodimethylamine
 Concen: 0.320 ng
 RT: 3.61 min Scan# 65
 Delta R.T. -0.01 min
 Lab File: BE098814.D
 Acq: 7 Mar 2019 11:21

Instrument :
 BNA_E
 ClientSampleId :
 PB117620BSD

Tot Ion:	42	Resp:	714
Ion	Ratio	Lower	Upper
42	100		
74	70.0	57.0	85.4
44	0.0	0.0	0.0

Manual Integrations
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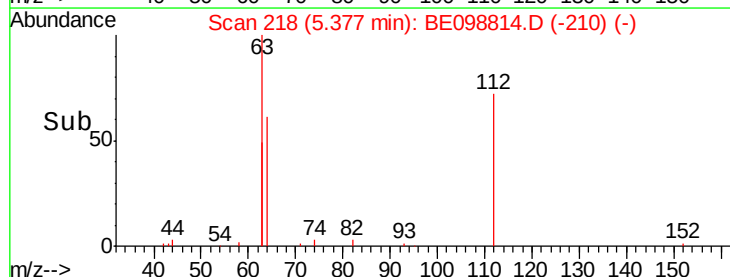
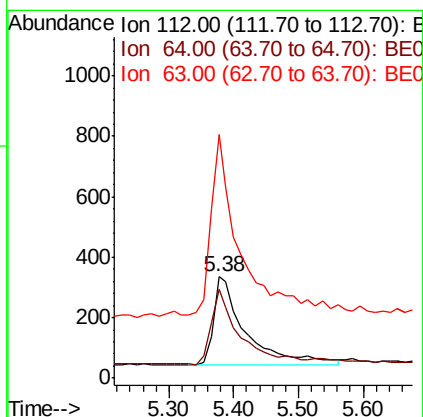
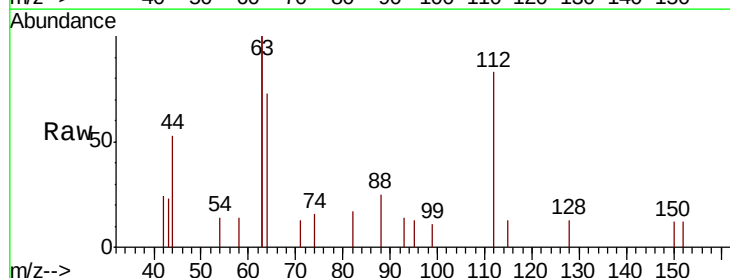
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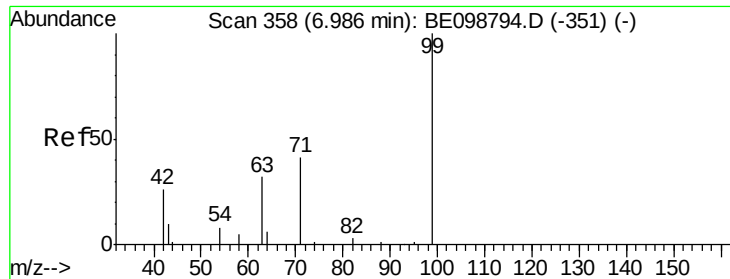


#4

2-Fluorophenol
 Concen: 0.378 ng
 RT: 5.38 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: BE098814.D
 Acq: 7 Mar 2019 11:21

Tgt Ion:	112	Resp:	1003
Ion	Ratio	Lower	Upper
112	100		
64	74.2	57.9	86.9
63	191.9	158.3	237.5





#5

Phenol-d6

Concen: 0.347 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Instrument :

BNA_E

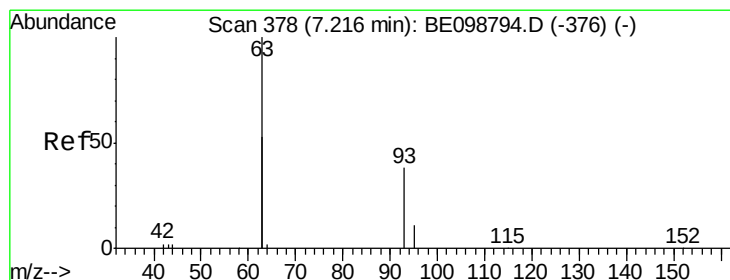
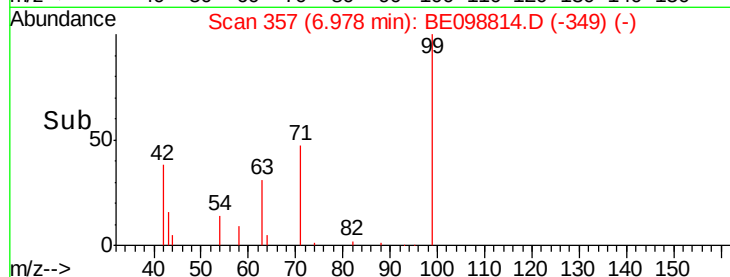
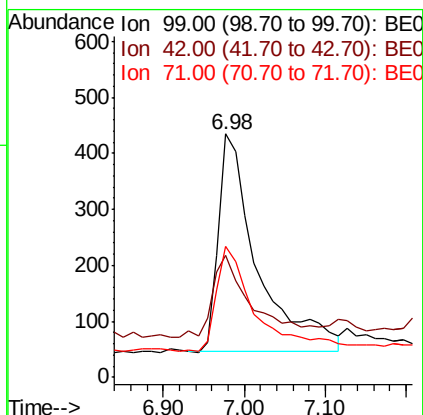
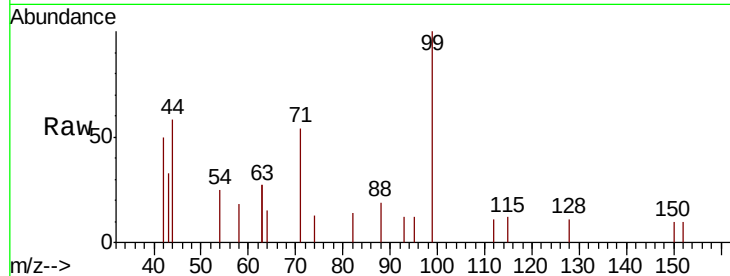
ClientSampleId :

PB117620BSD

Tot Ion:	99	Resp:	1298
Ion	Ratio	Lower	Upper
99	100		
42	39.4	24.2	36.2#
71	49.0	35.7	53.5

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.353 ng

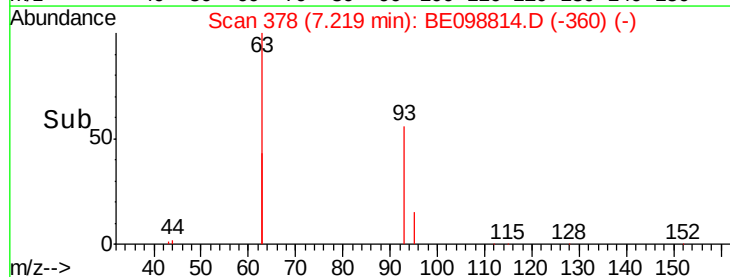
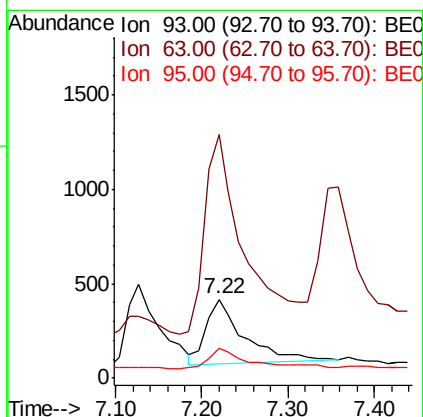
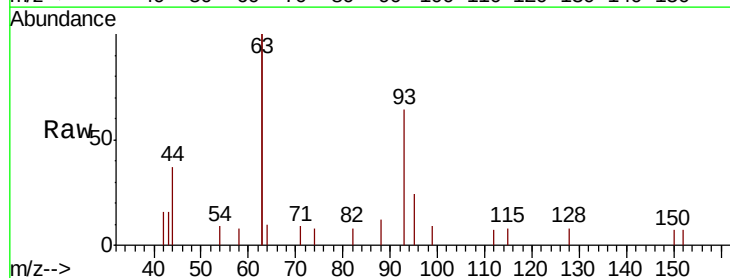
RT: 7.22 min Scan# 378

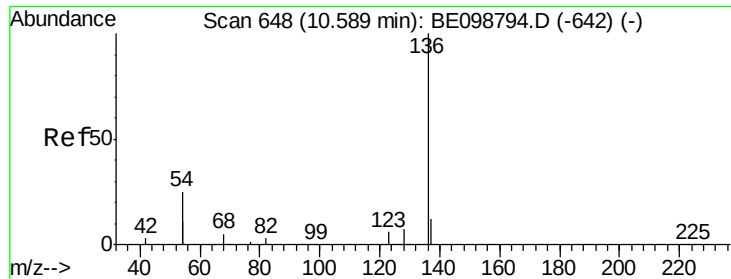
Delta R.T. 0.00 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Tgt Ion:	93	Resp:	1020
Ion	Ratio	Lower	Upper
93	100		
63	332.0	247.5	371.3
95	34.4	21.8	32.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Instrument :

BNA_E

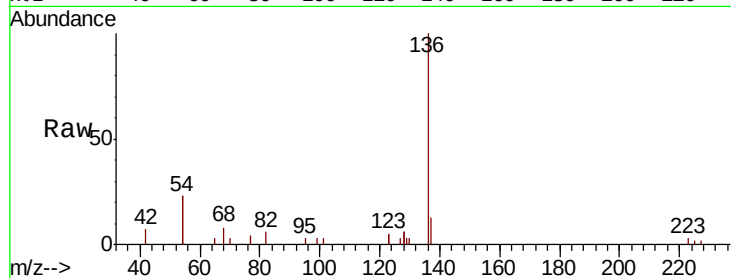
ClientSampleId :

PB117620BSD

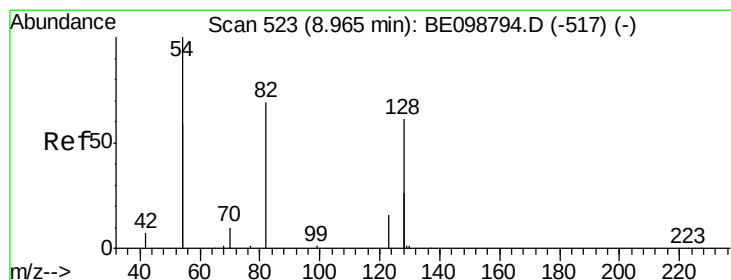
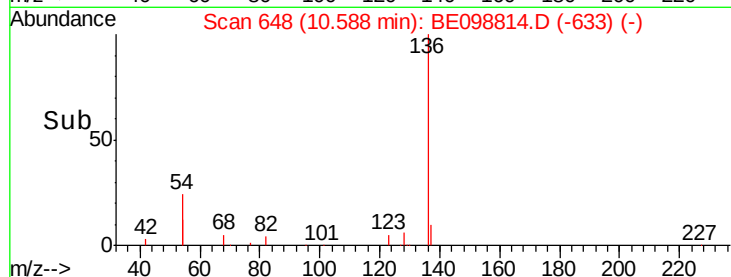
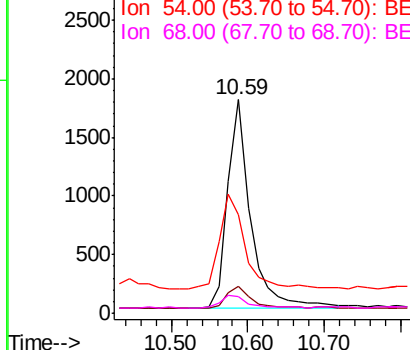
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.7	11.4	17.0
54	46.1	39.3	58.9
68	7.5	6.7	10.1

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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: 0.350 ng

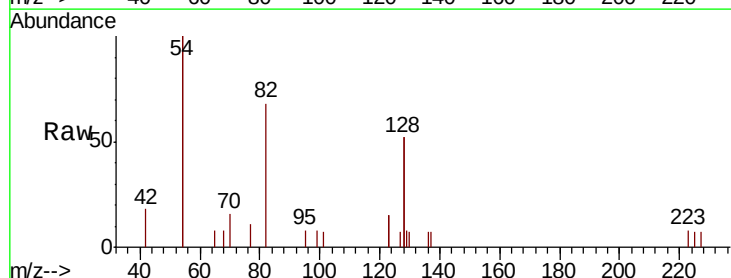
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

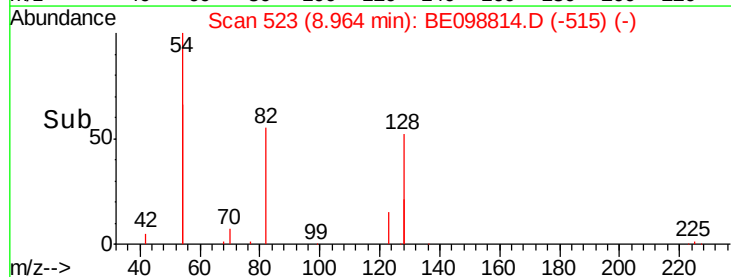
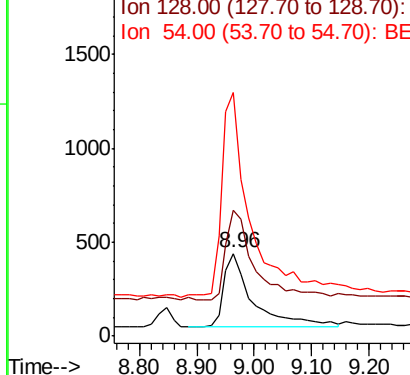
Lab File: BE098814.D

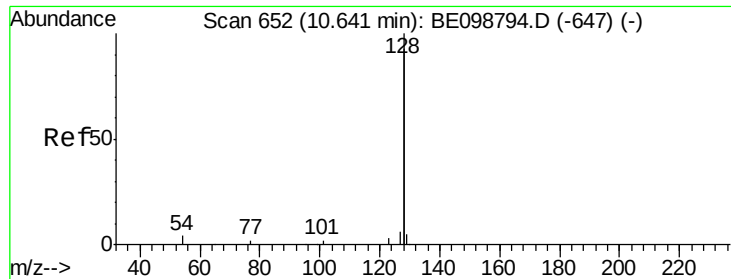
Acq: 7 Mar 2019 11:21

Tgt Ion	Ratio	Lower	Upper
82	100		
128	152.3	123.8	185.8
54	295.0	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: BE098814.D

Acq: 7 Mar 2019 11:21

Instrument :

BNA_E

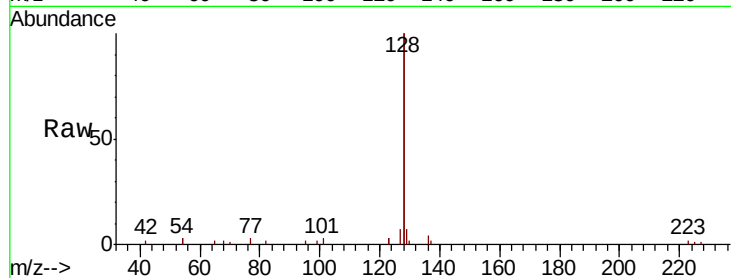
ClientSampleId :

PB117620BSD

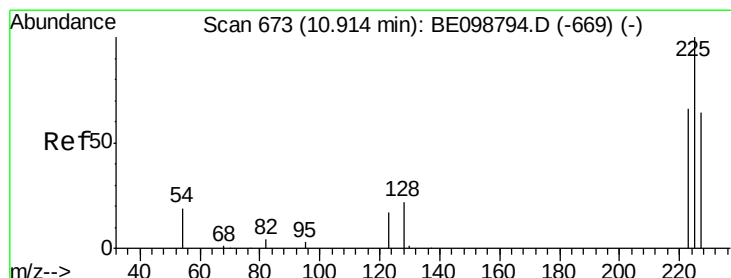
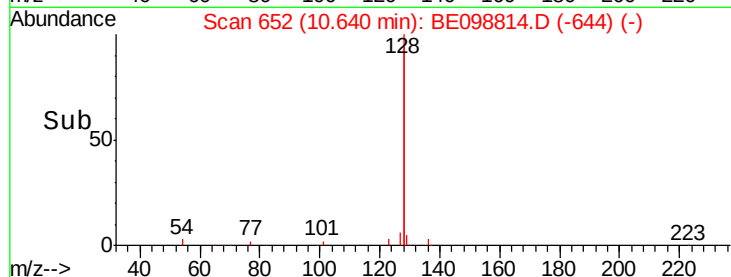
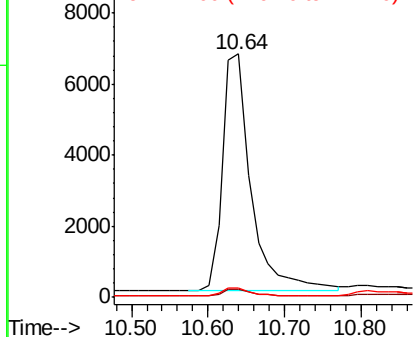
Tot Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	4.0
127	3.6	3.1	4.7

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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: 0.402 ng

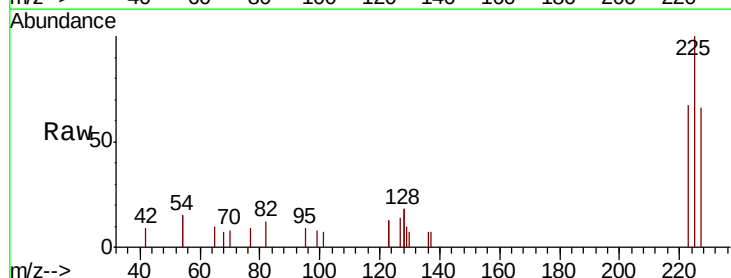
RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

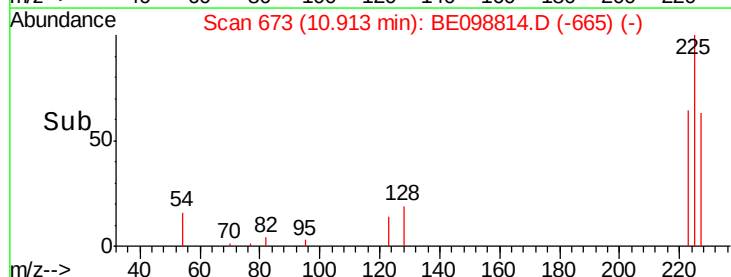
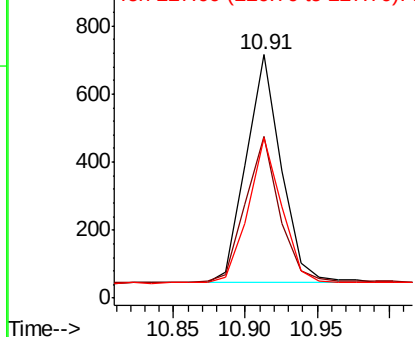
Lab File: BE098814.D

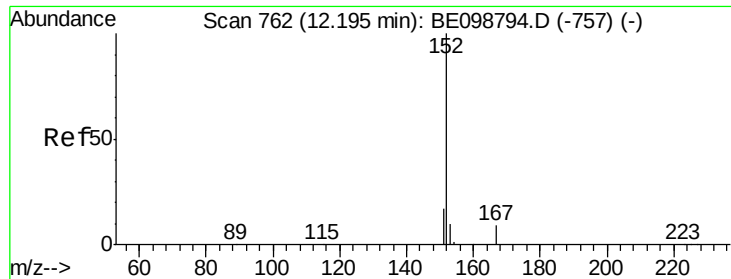
Acq: 7 Mar 2019 11:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	62.4	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





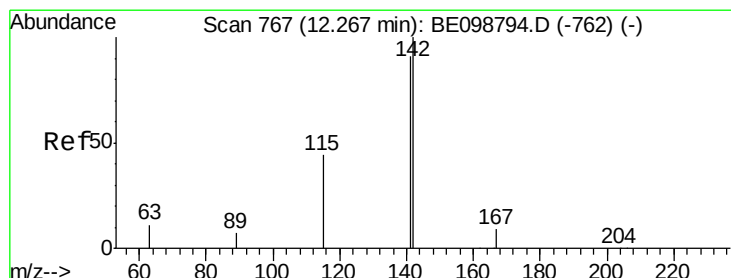
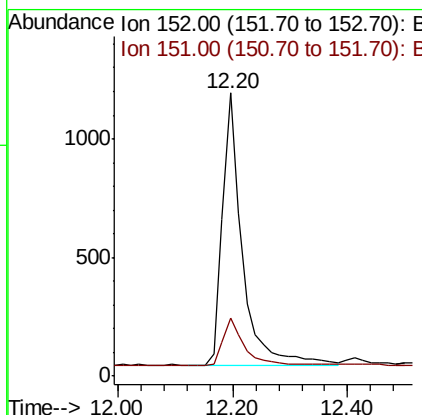
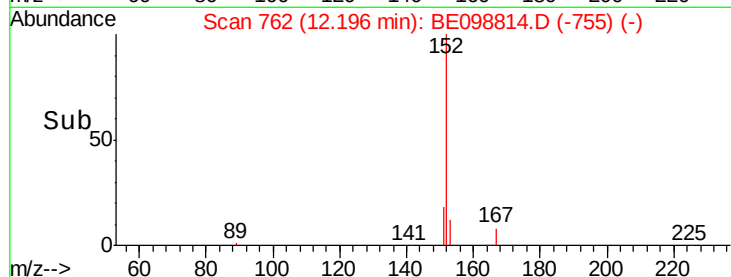
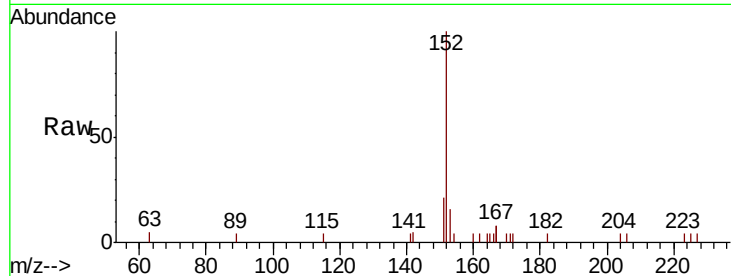
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampled :
PB117620BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.5	24.7

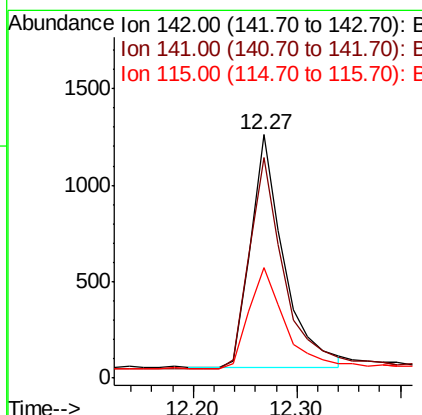
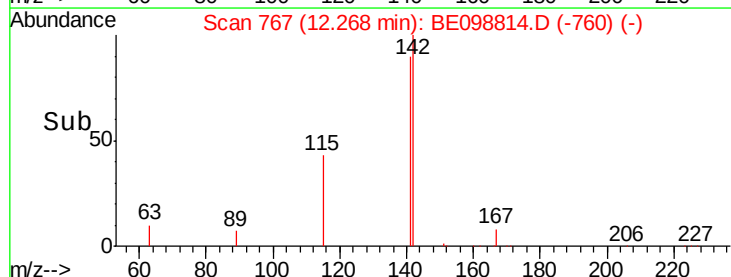
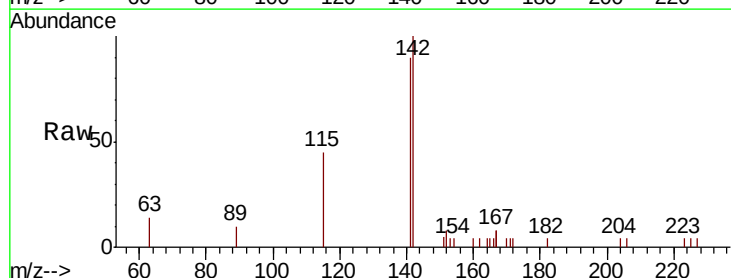
Manual Integrations
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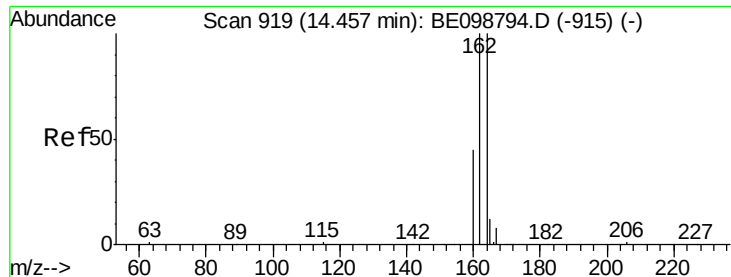
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#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	108.8
115	45.2	37.4	56.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Instrument :

BNA_E

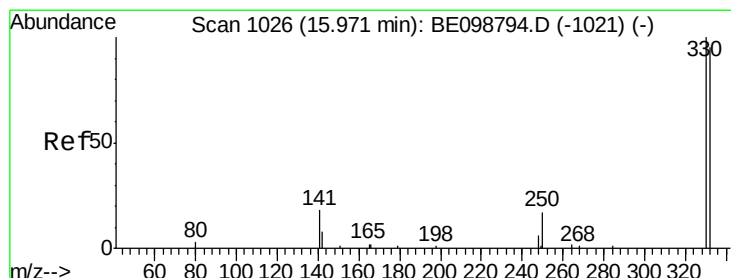
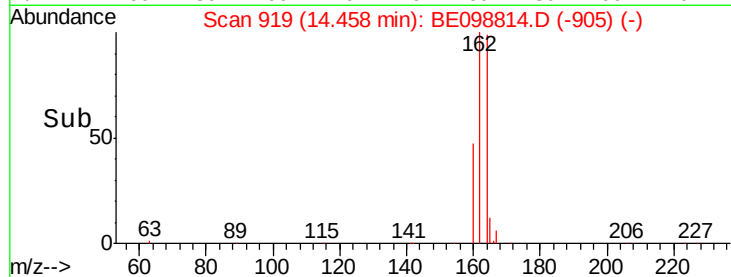
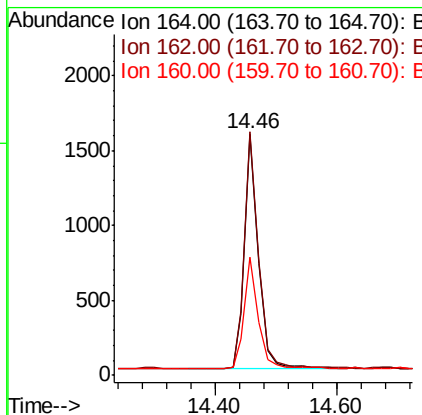
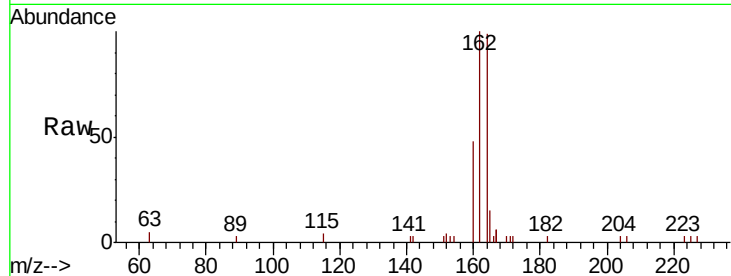
ClientSampleId :

PB117620BSD

Tot Ion:	164	Resp:	2482
Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	48.7	37.8	56.8

Manual Integrations
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Sohil
3/8/2019 10:38:28 AM



#14

2,4,6-Tribromophenol

Concen: 0.363 ng

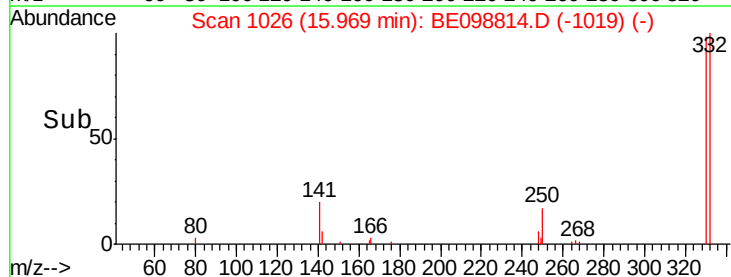
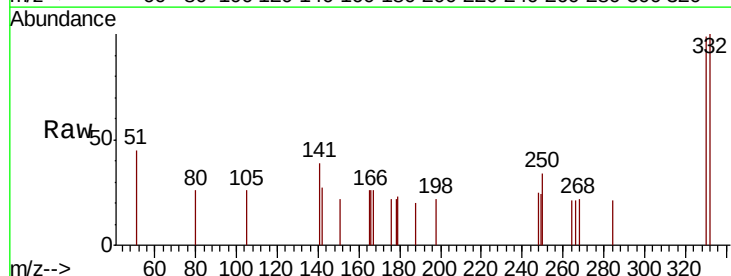
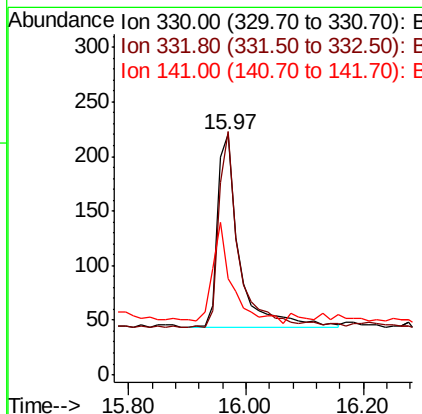
RT: 15.97 min Scan# 1026

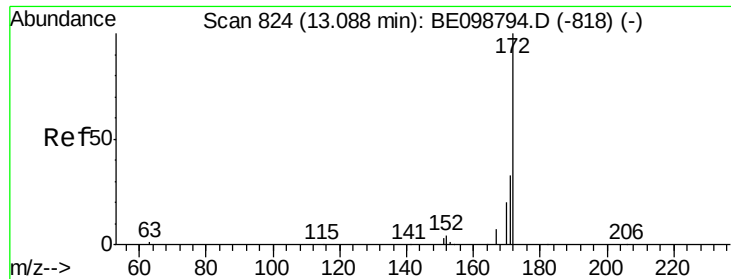
Delta R.T. -0.00 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Tgt Ion:	330	Resp:	455
Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.6	116.4
141	47.3	31.0	46.4#





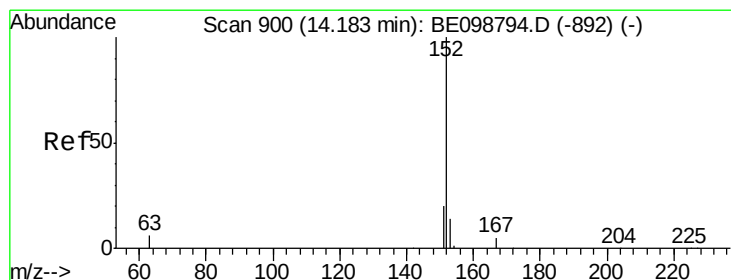
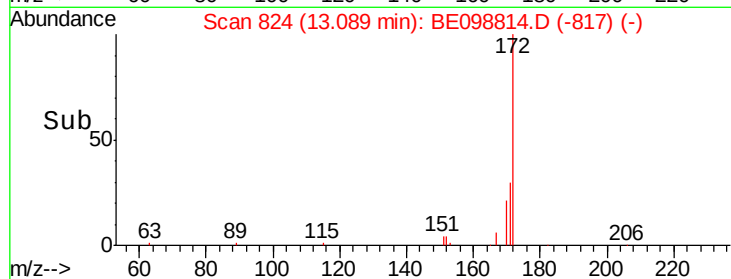
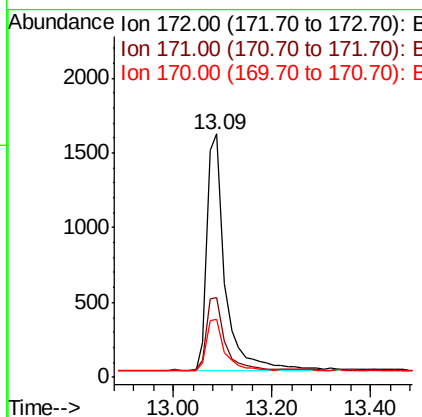
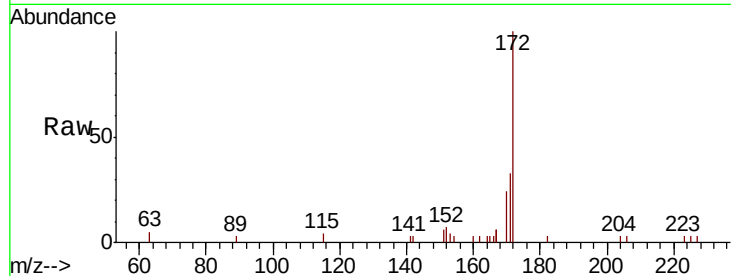
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :
PB117620BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.5	28.0	42.0
170	23.6	17.7	26.5

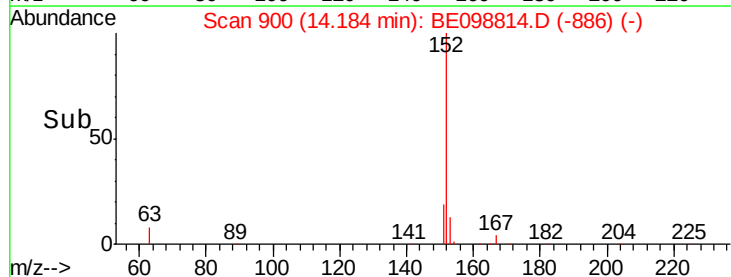
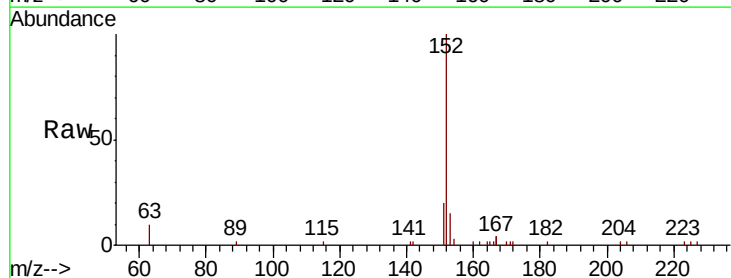
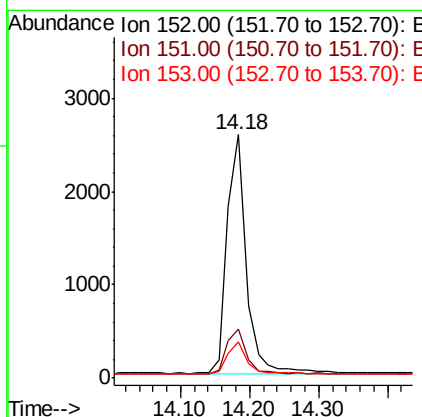
Manual Integrations
APPROVED

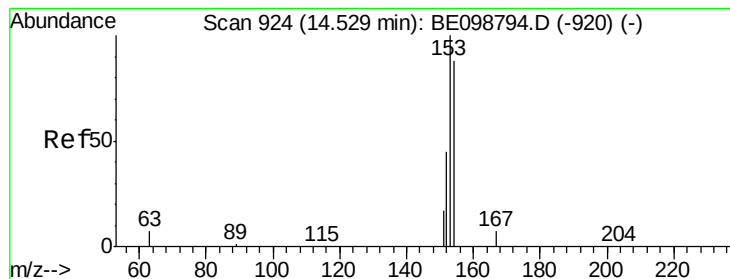
Sohil
3/8/2019 10:38:28 AM



#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.0	25.6
153	13.4	11.2	16.8





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Instrument :

BNA_E

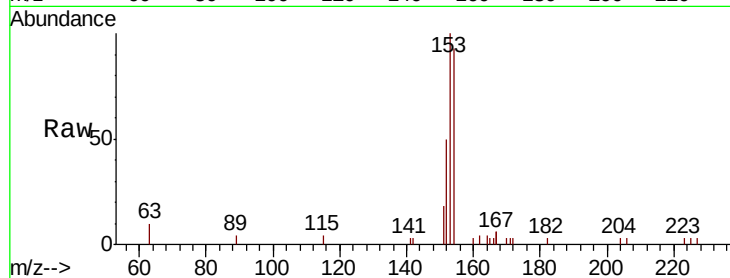
ClientSampleId :

PB117620BSD

Tot Ion:	154	Resp:	2984
Ion Ratio	Lower	Upper	
154	100		
153	114.8	94.2	141.4
152	55.9	45.0	67.4

Manual Integrations
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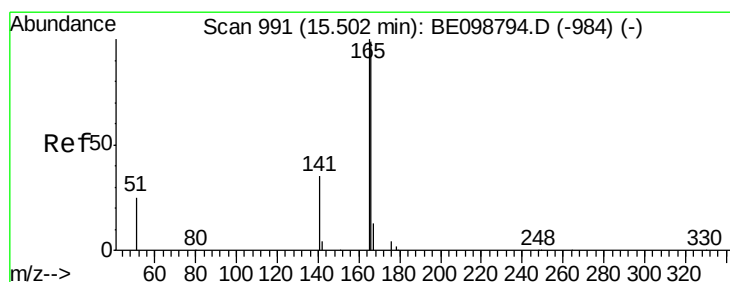
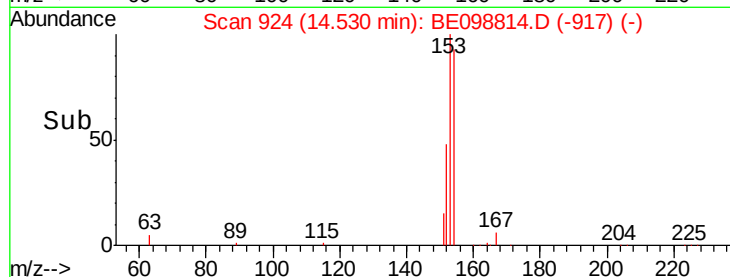
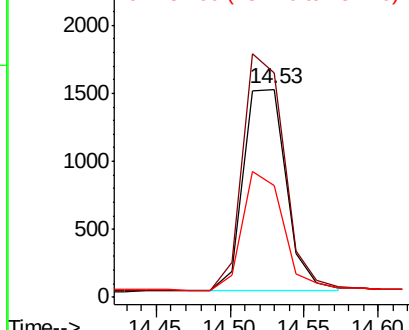


Abundance

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: 0.377 ng

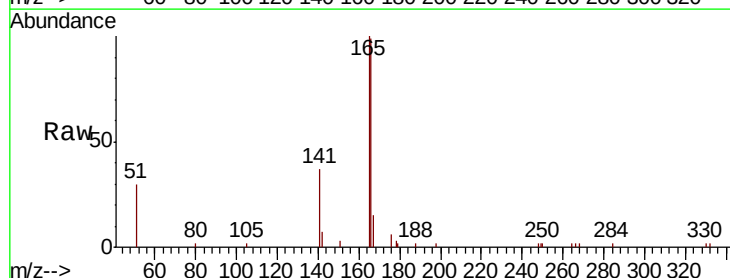
RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Tgt Ion:	166	Resp:	4114
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.3	118.9
167	13.4	10.5	15.7

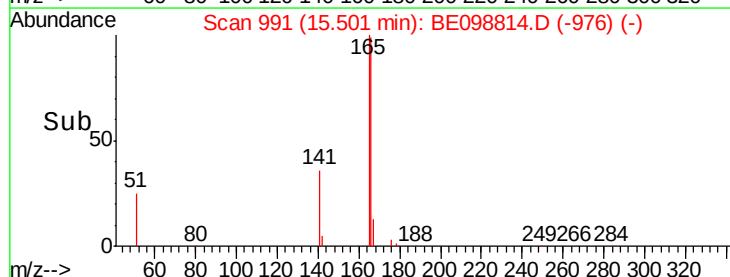
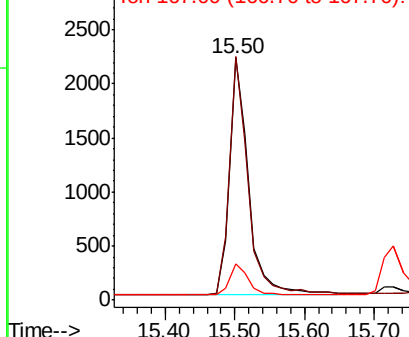


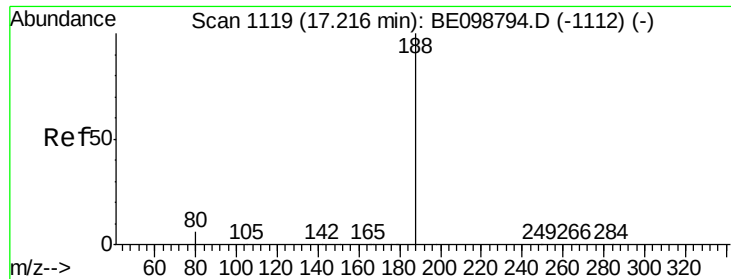
Abundance

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





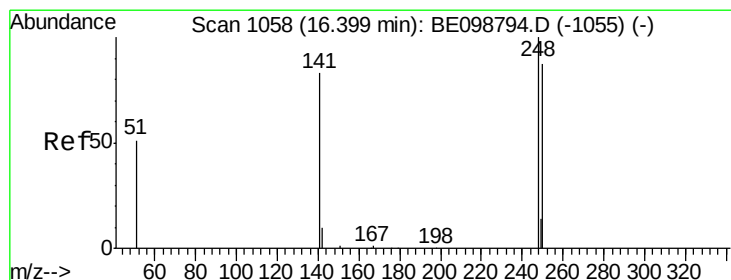
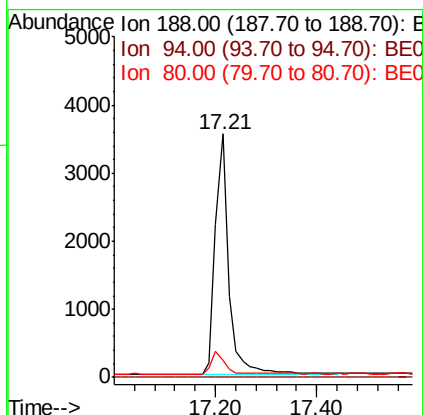
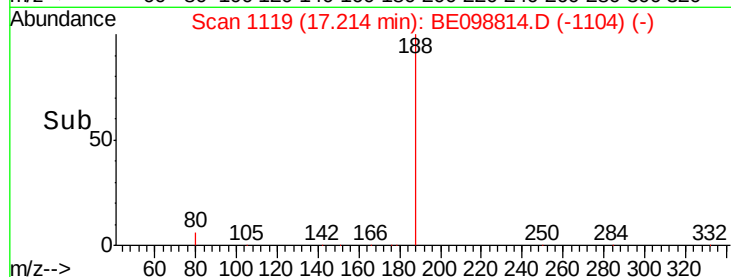
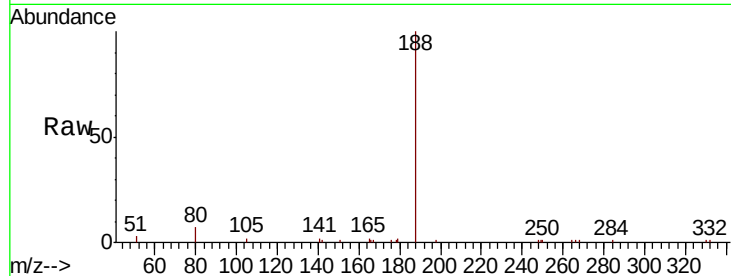
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :
PB117620BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	6533		
94	0.0	0.0	0.0	0.0
80	7.1	6.3	9.5	

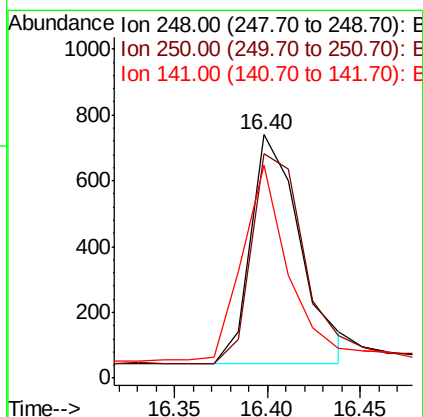
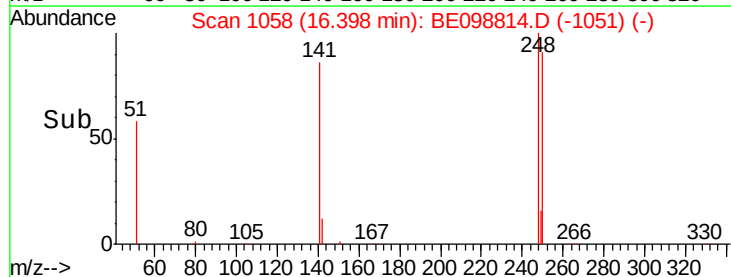
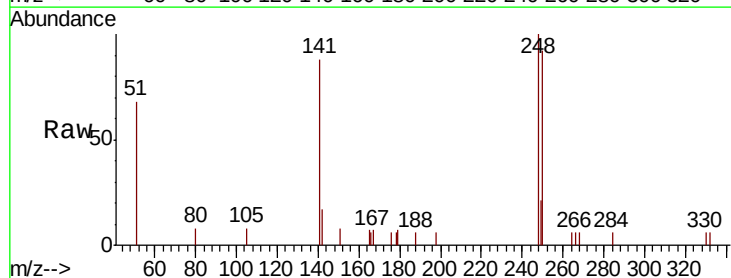
Manual Integrations
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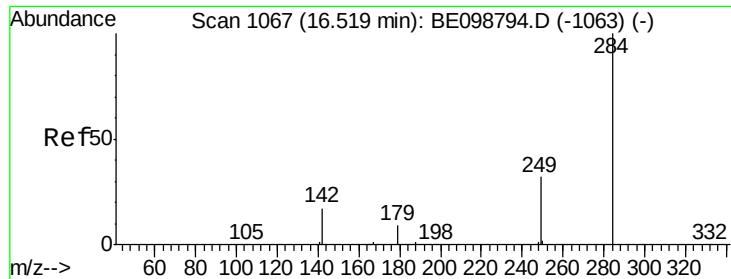
Sohil
3/8/2019 10:38:28 AM



#20
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	1313		
250	92.0	70.6	105.8	
141	87.6	68.6	102.8	





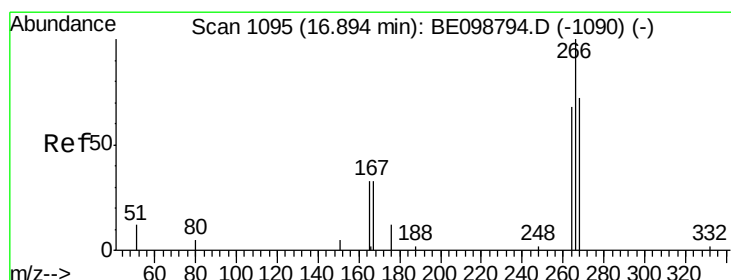
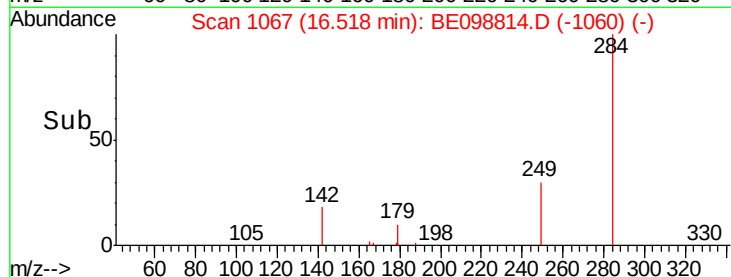
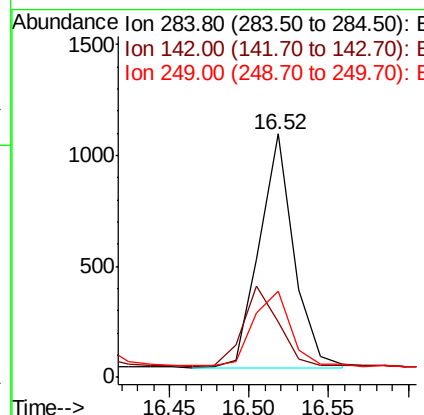
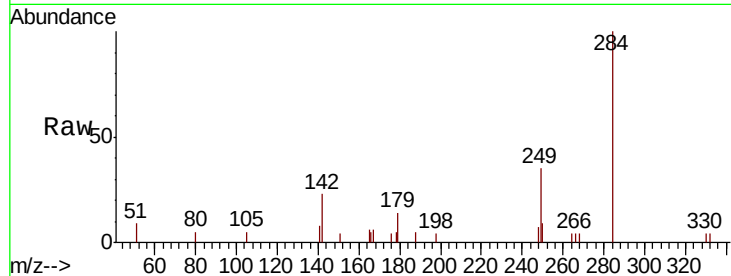
#21
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampled :
PB117620BSD

Tot Ion:	284	Resp:	1595
Ion Ratio	Lower	Upper	
284	100		
142	35.4	28.7	43.1
249	34.9	29.6	44.4

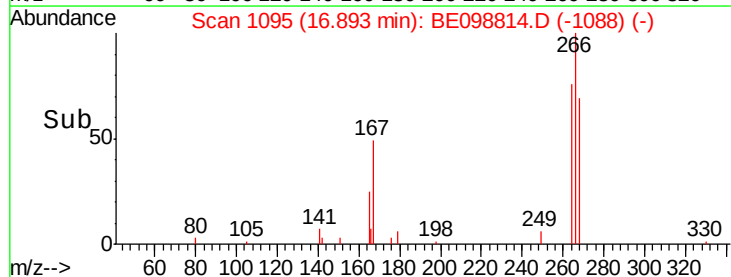
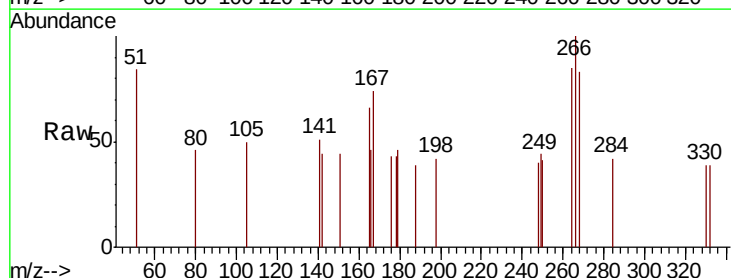
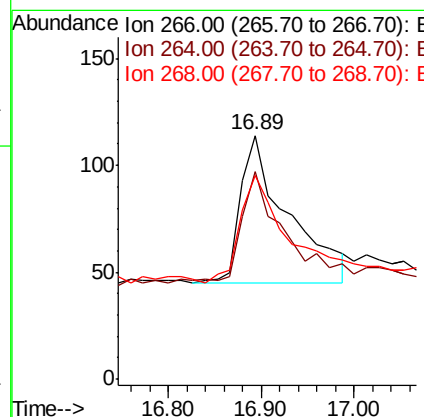
Manual Integrations
APPROVED

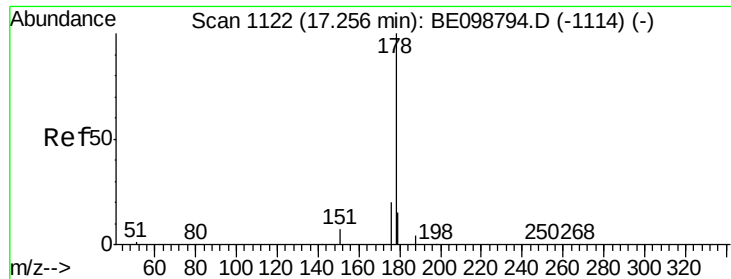
Sohil
3/8/2019 10:38:28 AM



#22
Pentachlorophenol
Concen: 0.435 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:	266	Resp:	245
Ion Ratio	Lower	Upper	
266	100		
264	85.1	66.6	100.0
268	83.3	69.8	104.8





#23

Phenanthrene

Concen: 0.372 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Instrument :

BNA_E

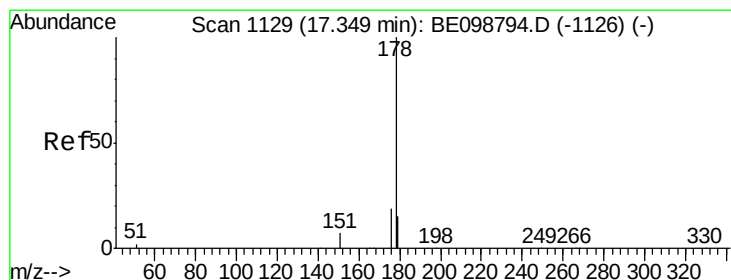
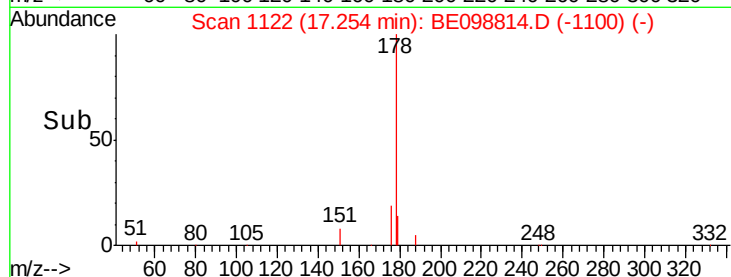
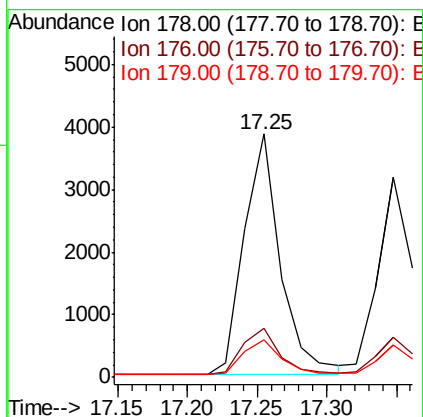
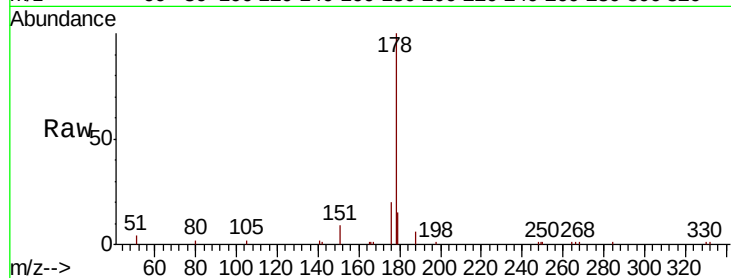
ClientSampleId :

PB117620BSD

Tot Ion:	178	Resp:	6908
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.1	12.1	18.1

Manual Integrations
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3/8/2019 10:38:28 AM



#24

Anthracene

Concen: 0.354 ng

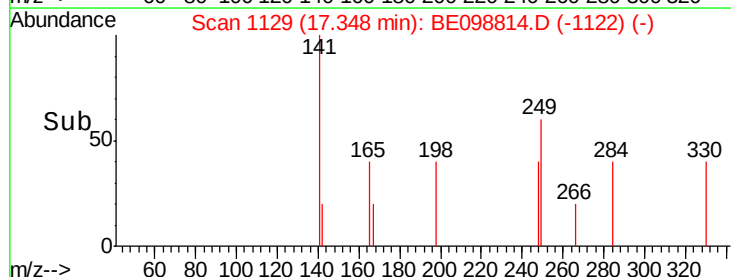
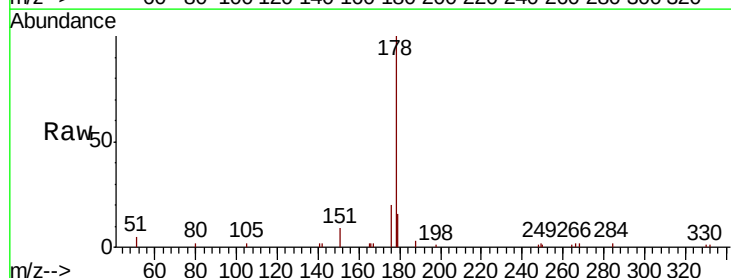
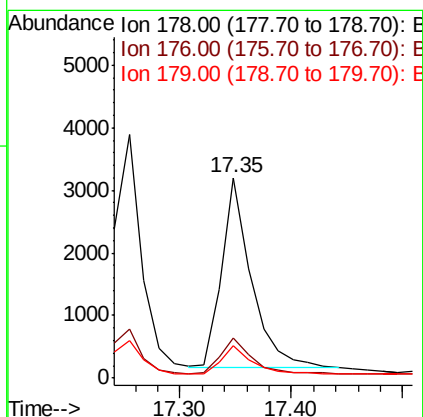
RT: 17.35 min Scan# 1129

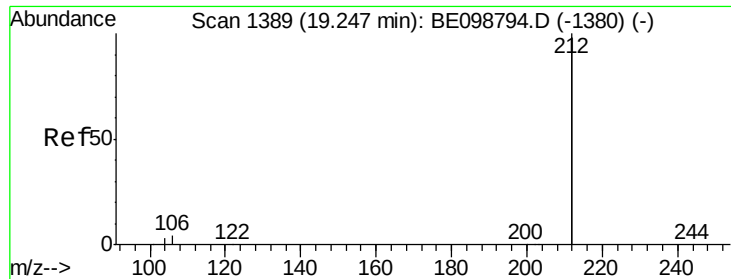
Delta R.T. -0.00 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Tgt Ion:	178	Resp:	5623
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	14.7	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Instrument :

BNA_E

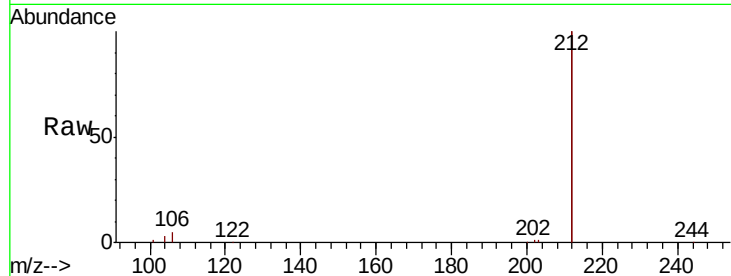
ClientSampleId :

PB117620BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
212	100		38115		
106	2.3	1.8	2.8		
104	1.4	1.0	1.6		

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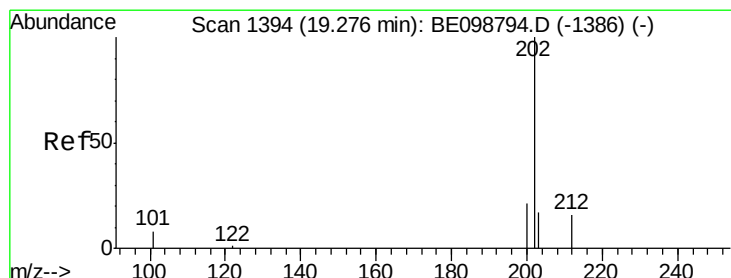
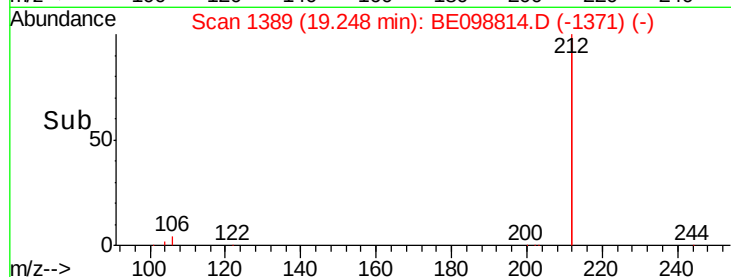
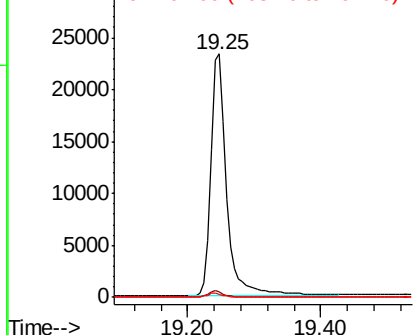


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.367 ng

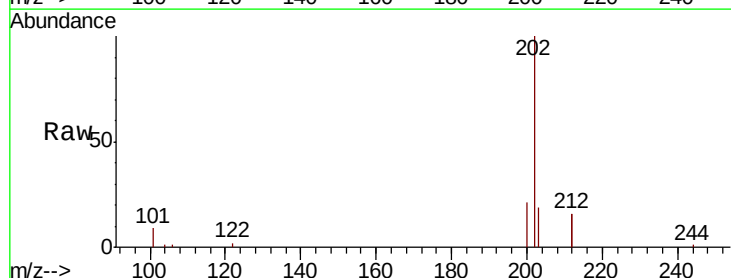
RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE098814.D

Acq: 7 Mar 2019 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		9614		
101	9.0	7.3	10.9		
203	17.0	13.4	20.2		

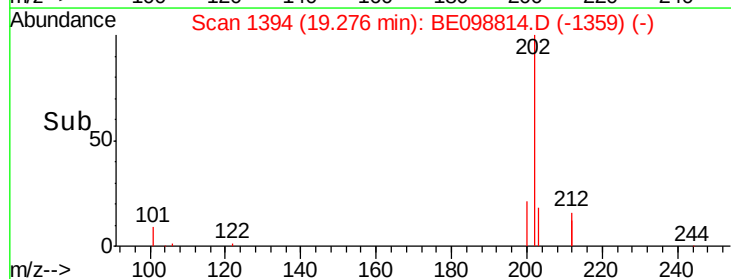
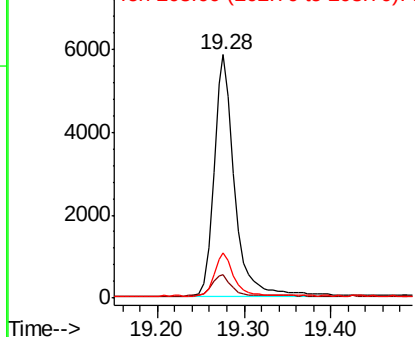


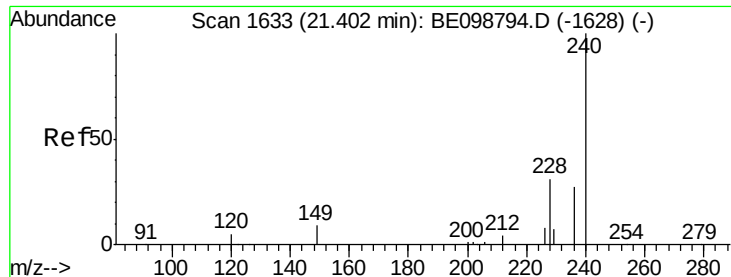
Abundance

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





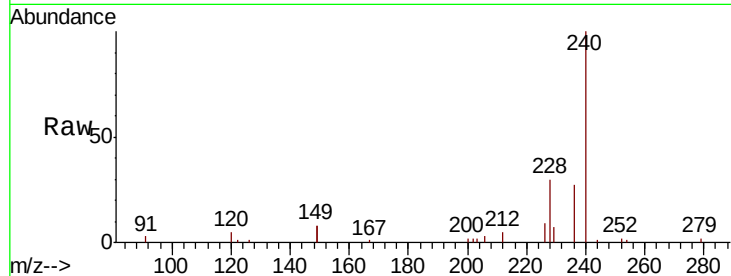
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :
PB117620BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.0	7.4
236	26.6	22.7	34.1

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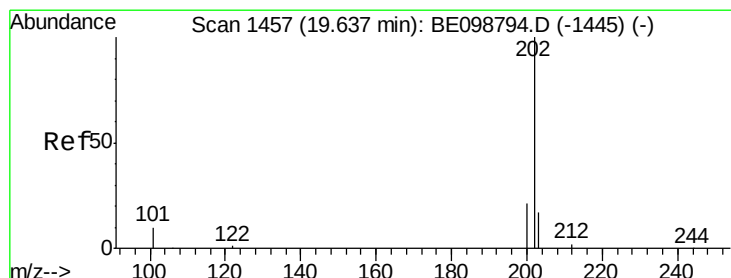
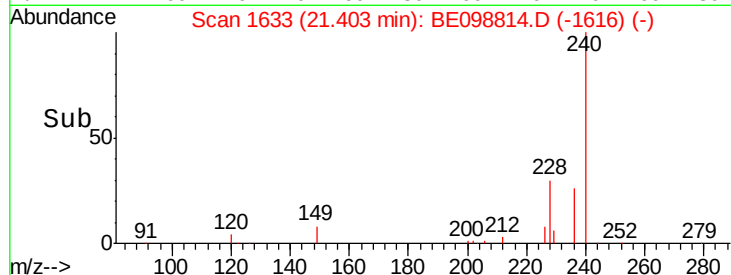
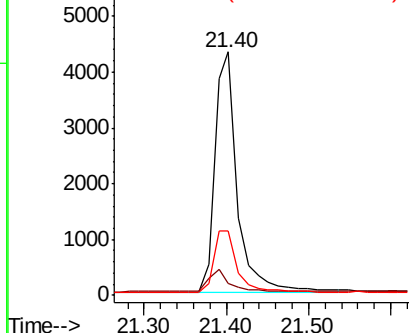


Abundance

Ion 240.00 (239.70 to 240.70): E

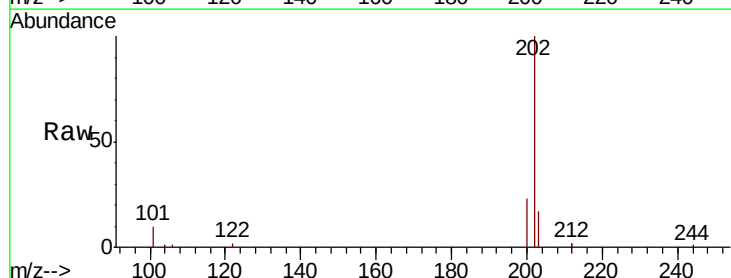
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.399 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.4	14.2	21.2

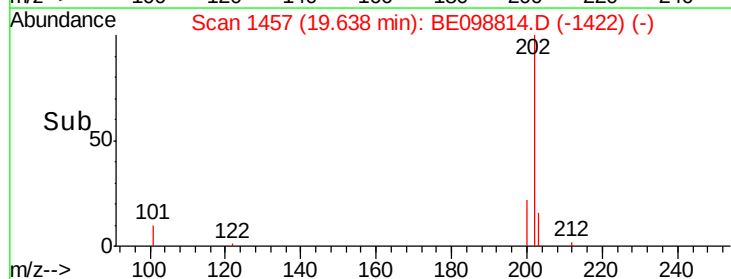
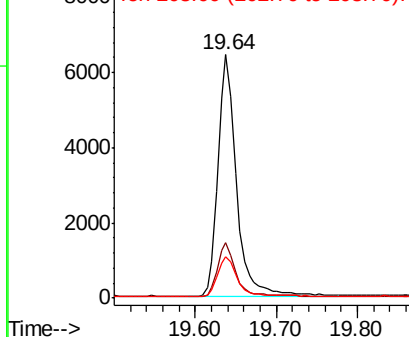


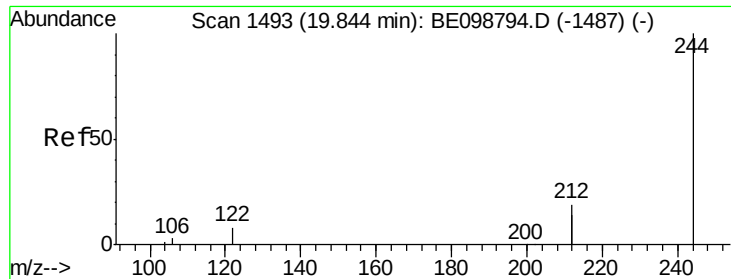
Abundance

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





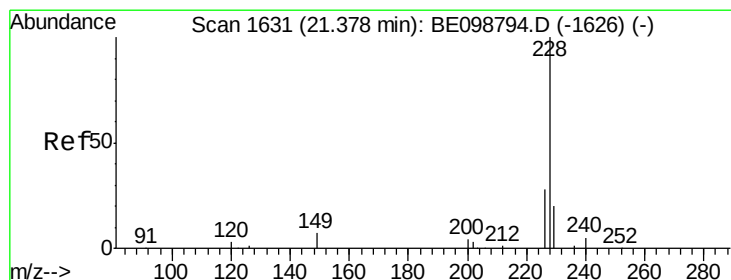
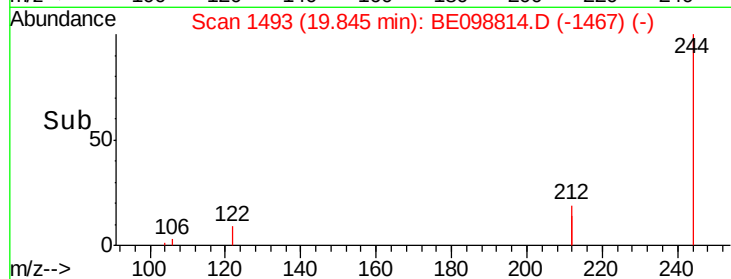
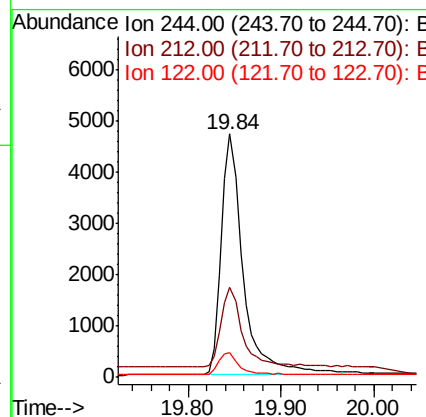
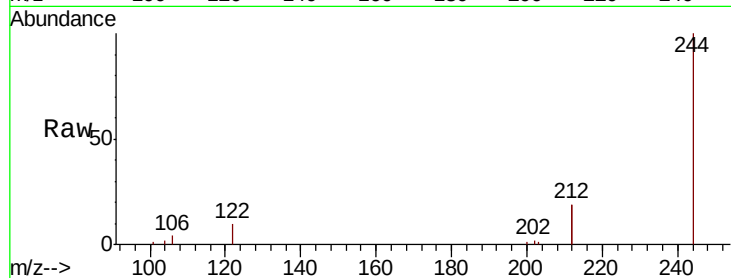
#29
 Terphenyl-d14
 Concen: 0.384 ng
 RT: 19.84 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BE098814.D
 Acq: 7 Mar 2019 11:21

Instrument :
 BNA_E
 ClientSampleId :
 PB117620BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	37.2	29.4	44.2
122	10.1	7.1	10.7

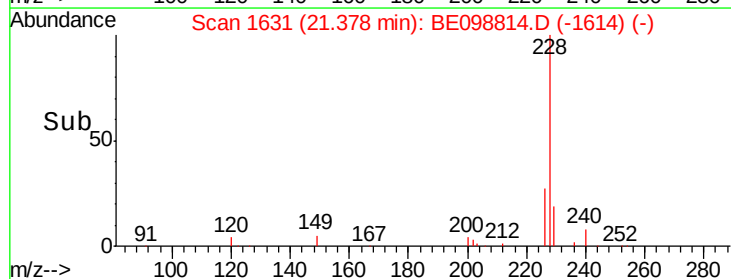
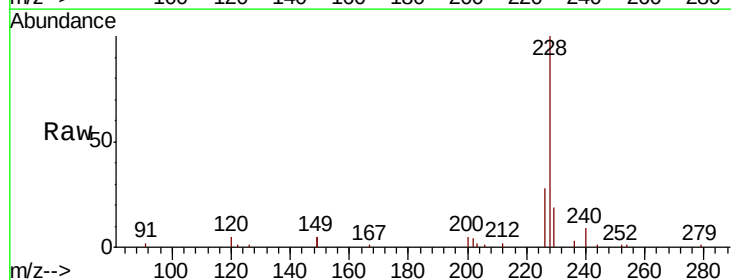
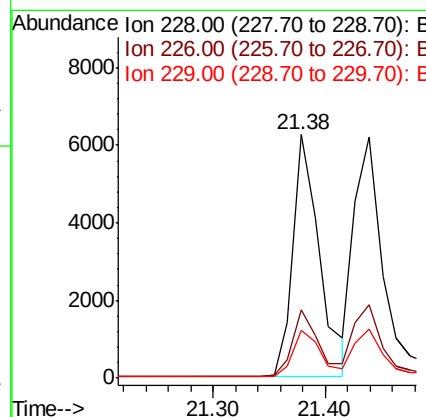
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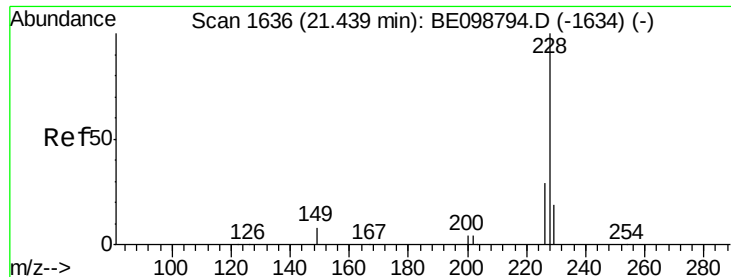
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#30
 Benzo(a)anthracene
 Concen: 0.392 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE098814.D
 Acq: 7 Mar 2019 11:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	19.5	16.5	24.7





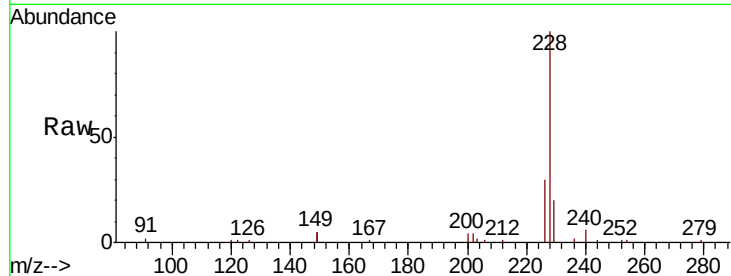
#31
 Chrysene
 Concen: 0.384 ng
 RT: 21.44 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BE098814.D
 Acq: 7 Mar 2019 11:21

Instrument :
 BNA_E
 ClientSampleId :
 PB117620BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	20.4	16.1	24.1

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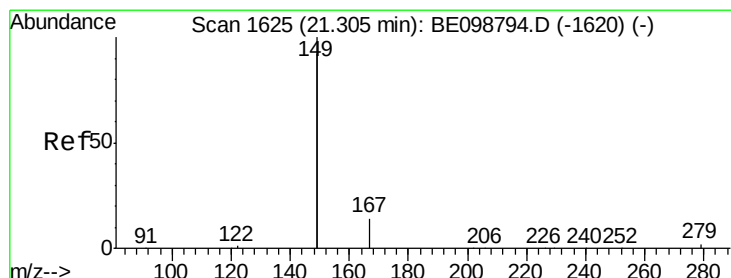
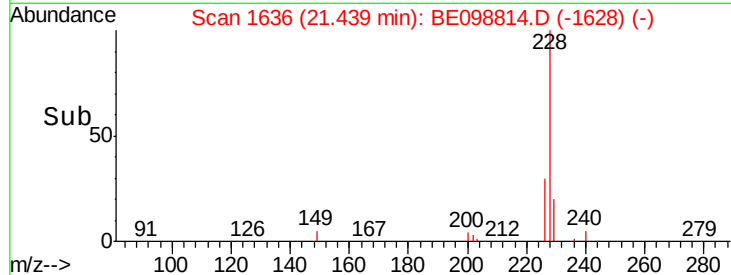
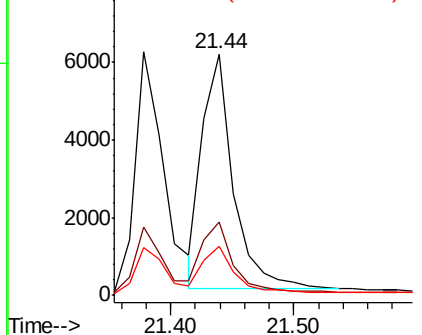


Abundance

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: 0.335 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE098814.D
 Acq: 7 Mar 2019 11:21

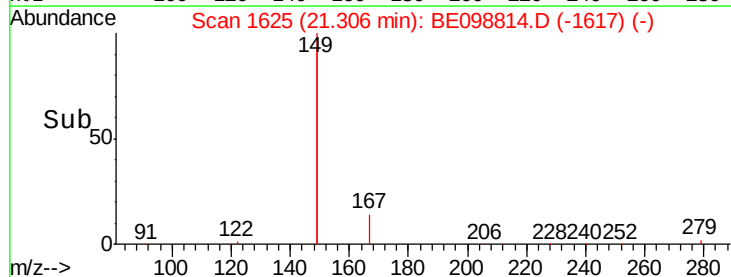
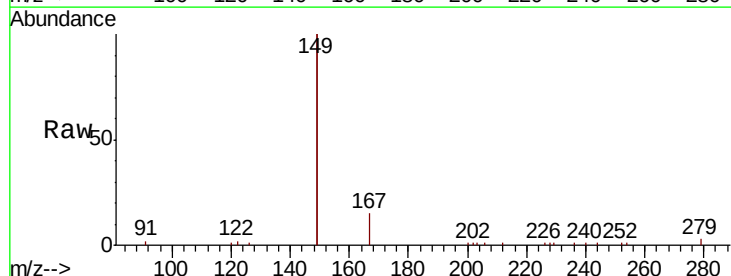
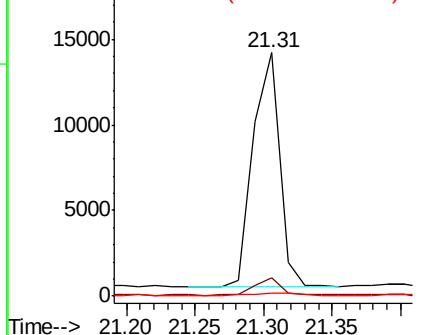
Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.2	1.0	1.4

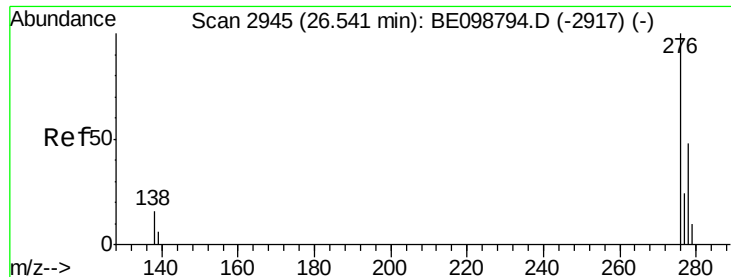
Abundance

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





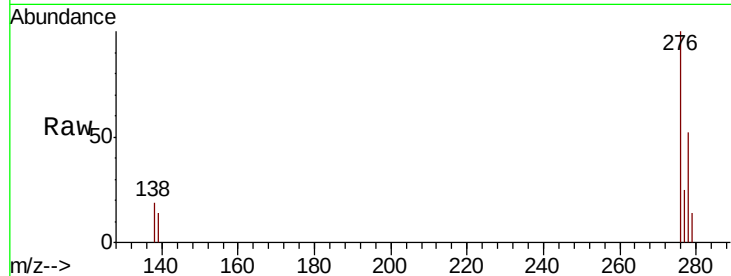
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :
PB117620BSD

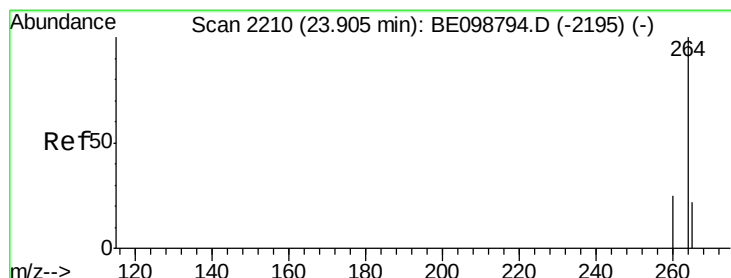
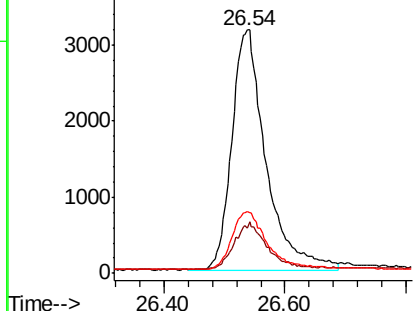
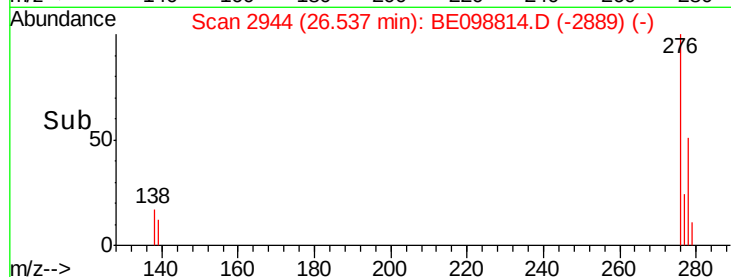
Tot Ion:	276	Resp:	12317
Ion Ratio	Lower	Upper	
276	100		
138	19.2	13.8	20.8
277	24.5	19.5	29.3

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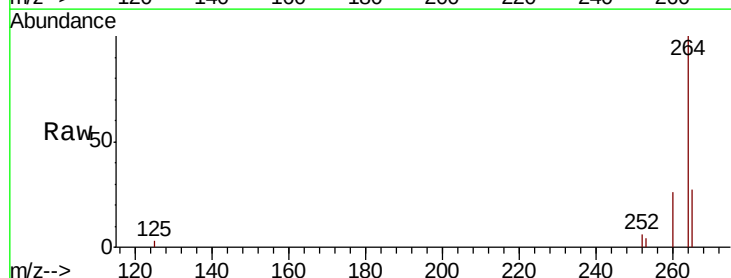


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

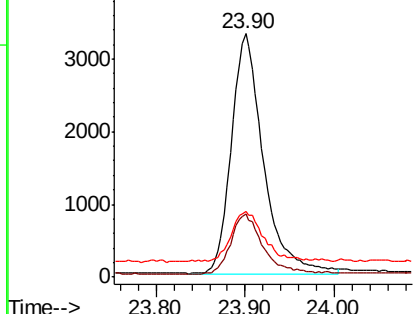
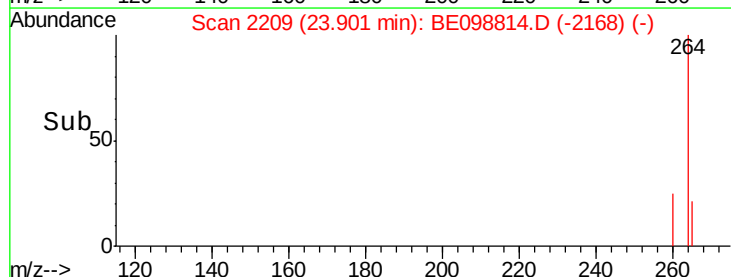


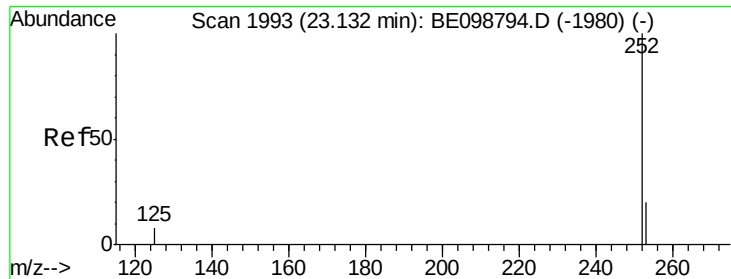
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:	264	Resp:	8266
Ion Ratio	Lower	Upper	
264	100		
260	25.9	21.2	31.8
265	27.1	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





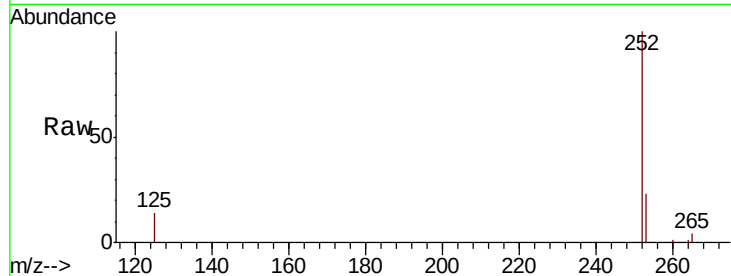
#35
Benzo(b)fluoranthene
Concen: 0.397 ng m
RT: 23.13 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :
PB117620BSD

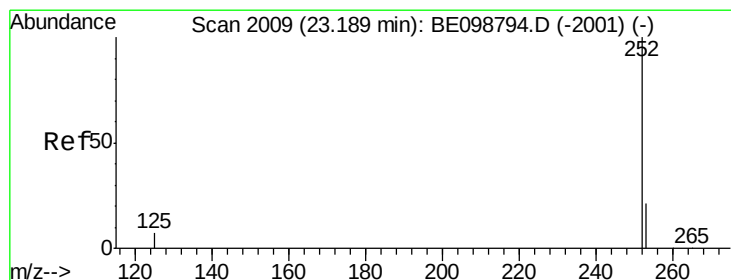
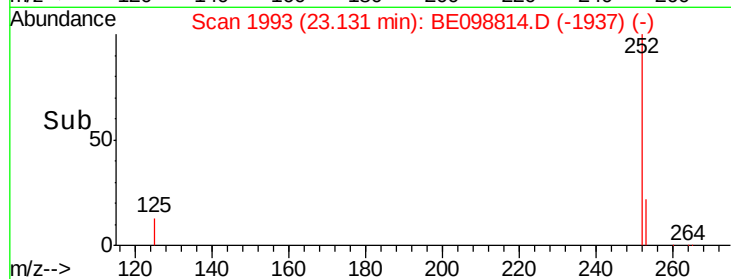
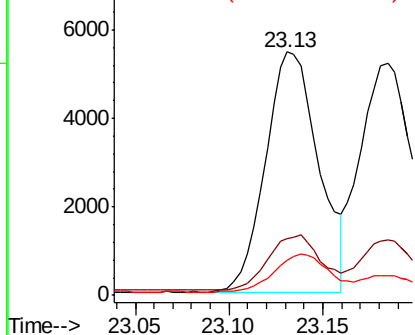
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	14.3	7.3	10.9

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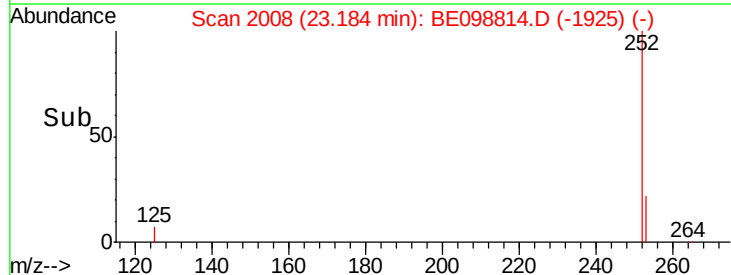
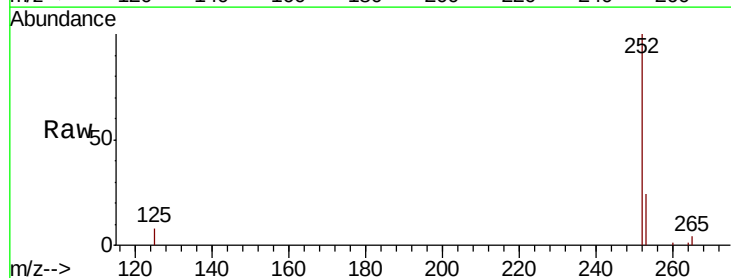
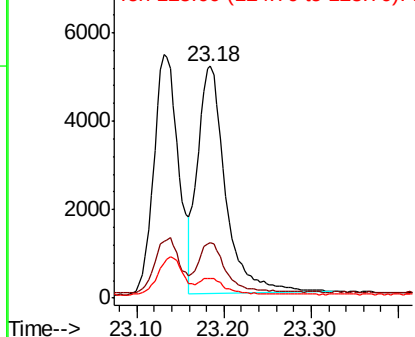
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

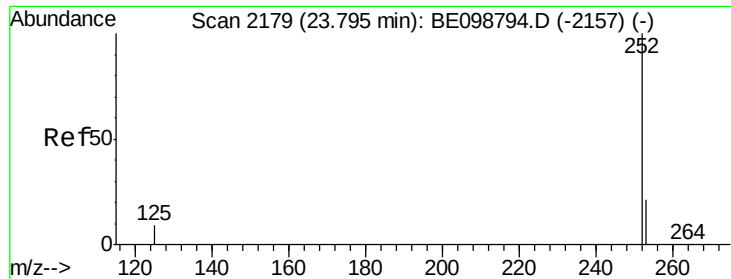


#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 23.18 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.3	28.9
125	8.3	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





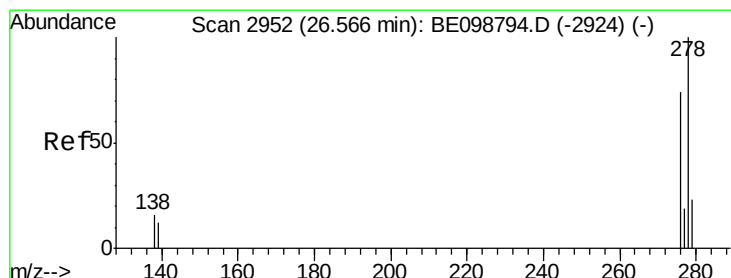
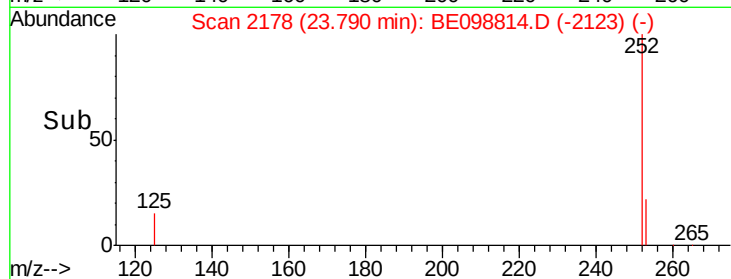
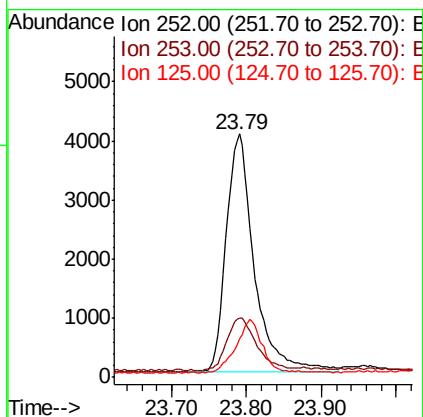
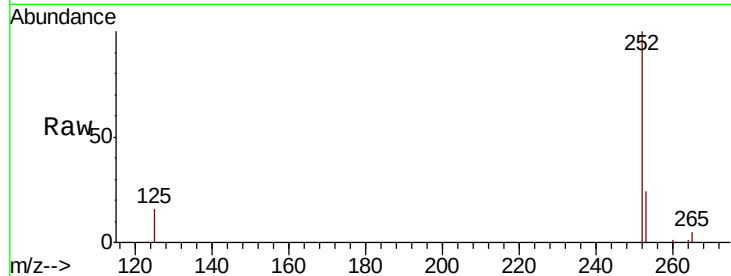
#37
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :
PB117620BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.9	29.9
125	16.2	9.0	13.4

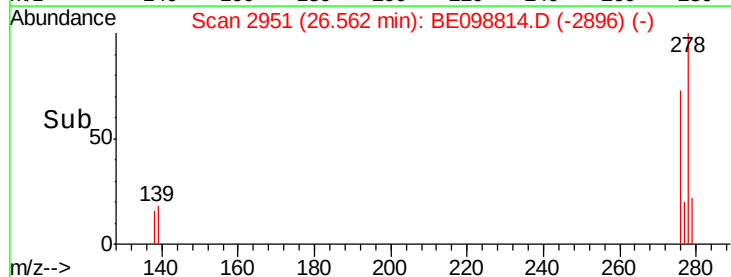
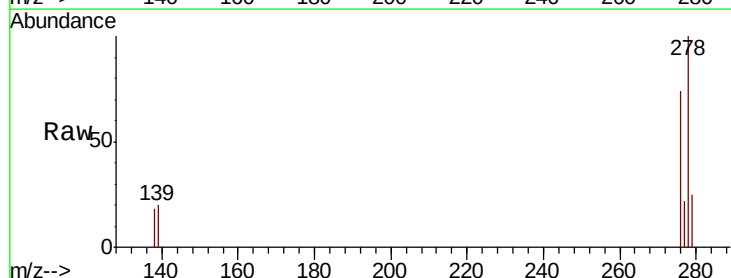
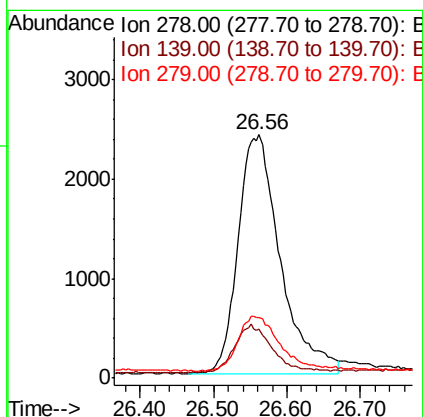
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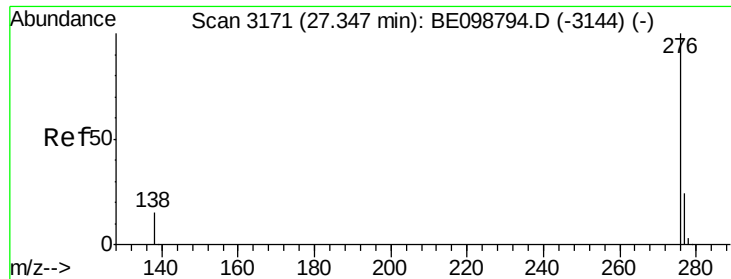
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#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	11.8	17.6
279	24.9	21.1	31.7





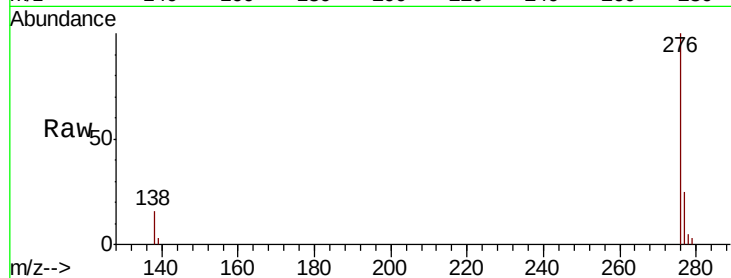
#39
 Benzo(a,h,i)perylene
 Concen: 0.394 ng
 RT: 27.35 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BE098814.D
 Acq: 7 Mar 2019 11:21

Instrument :
 BNA_E
 ClientSampleId :
 PB117620BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.4	30.6
138	16.1	13.6	20.4

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

