

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100974.D
 Acq On : 26 Dec 2019 16:17
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 27 01:08:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:28:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	3223	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	16572	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	9634	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	22292	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	20197	0.40	ng	0.00
34) Perylene-d12	23.72	264	26488	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	2024	0.37	ng	0.00
5) Phenol-d6	6.94	99	1983	0.37	ng	-0.04
8) Nitrobenzene-d5	8.90	82	2313	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	10211	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	699	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	15179	0.44	ng	0.00
25) Fluoranthene-d10	19.14	212	102602	0.38	ng	0.00
29) Terphenyl-d14	19.75	244	20518	0.44	ng	-0.01

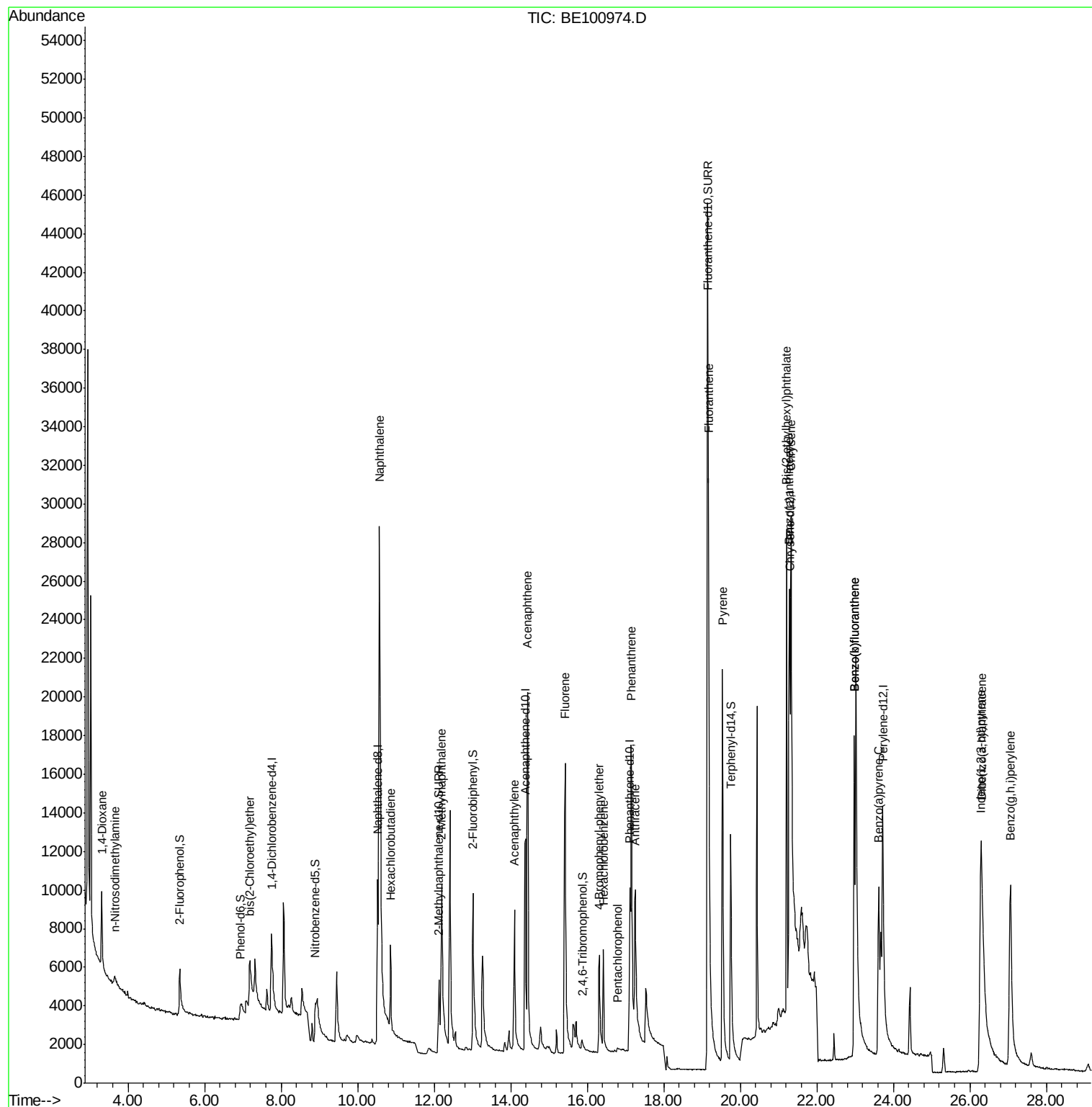
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	4400	0.439	ng	96
3) n-Nitrosodimethylamine	3.66	42	966	0.547	ng	# 91
6) bis(2-Chloroethyl)ether	7.19	93	3526	0.303	ng	# 72
9) Naphthalene	10.58	128	75083	0.426	ng	99
10) Hexachlorobutadiene	10.86	225	3205	0.412	ng	100
12) 2-Methylnaphthalene	12.19	142	10445	0.391	ng	98
16) Acenaphthylene	14.10	152	12310	0.342	ng	99
17) Acenaphthene	14.44	154	11529	0.441	ng	98
18) Fluorene	15.42	166	14931	0.458	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	3846	0.393	ng	98
21) Hexachlorobenzene	16.43	284	4493	0.389	ng	99
22) Pentachlorophenol	16.79	266	316	0.326	ng	95
23) Phenanthrene	17.15	178	24221	0.422	ng	99
24) Anthracene	17.26	178	13081	0.225	ng	99
26) Fluoranthene	19.17	202	30199	0.385	ng	100
28) Pyrene	19.54	202	30910	0.437	ng	100
30) Benzo(a)anthracene	21.28	228	21008	0.425	ng	98
31) Chrysene	21.33	228	27293	0.297	ng	99
32) Bis(2-ethylhexyl)phthalate	21.21	149	33048	0.377	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.28	276	32521	0.469	ng	96
35) Benzo(b)fluoranthene	22.98	252	24978	0.448	ng	99
36) Benzo(k)fluoranthene	22.98	252	24978	0.236	ng	97
37) Benzo(a)pyrene	23.61	252	26632	0.409	ng	96
38) Dibenzo(a,h)anthracene	26.31	278	24276	0.412	ng	# 92
39) Benzo(g,h,i)perylene	27.06	276	31606	0.455	ng	99

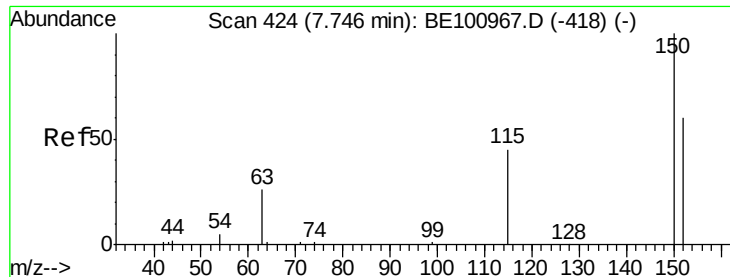
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100974.D
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 27 01:08:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
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QLast Update : Tue Dec 24 14:28:42 2019
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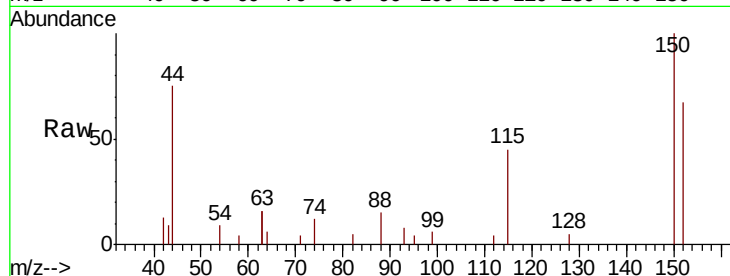


#1

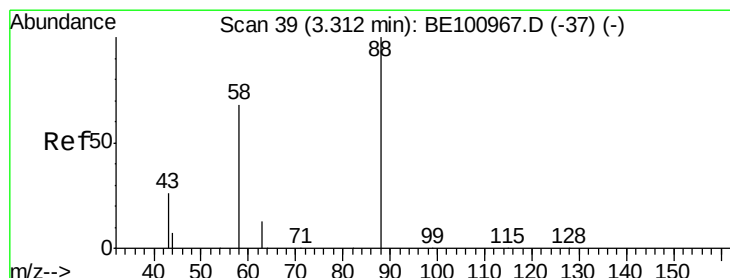
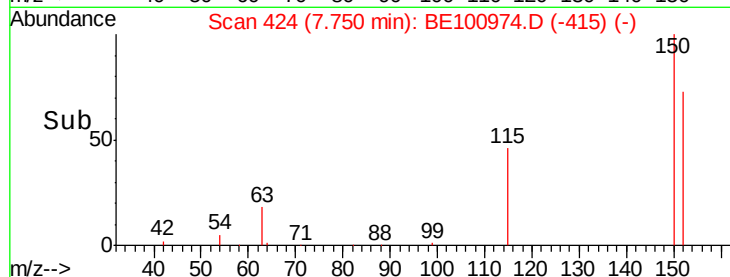
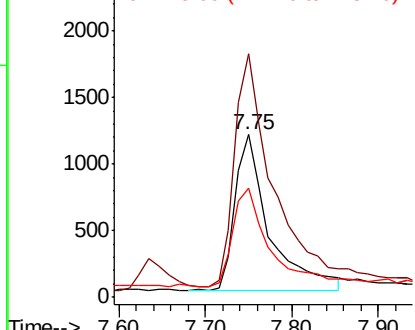
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 3223
Ion Ratio Lower Upper
152 100
150 149.8 132.6 199.0
115 66.9 64.1 96.1



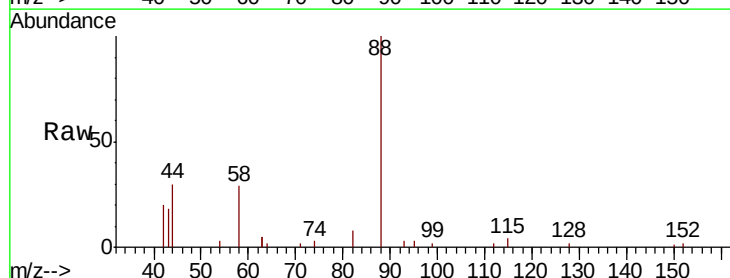
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



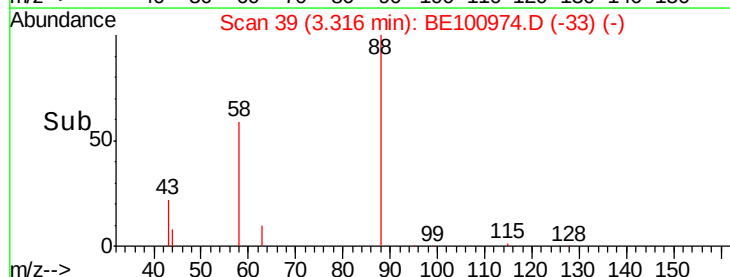
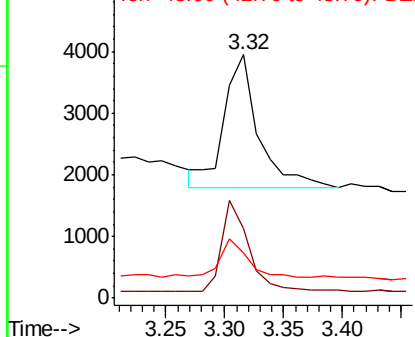
#2

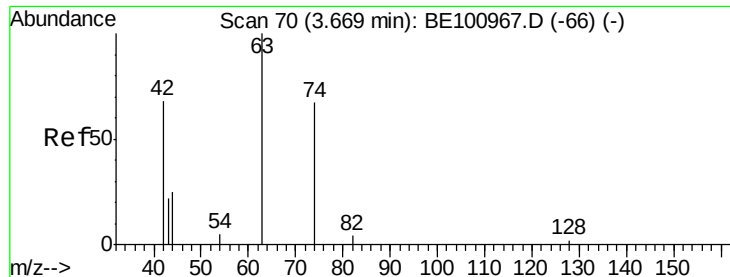
1,4-Dioxane
Concen: 0.439 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

Tgt Ion: 88 Resp: 4400
Ion Ratio Lower Upper
88 100
58 54.0 44.2 66.4
43 21.7 21.0 31.6



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.547 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

Instrument :

BNA_E

ClientSampled :

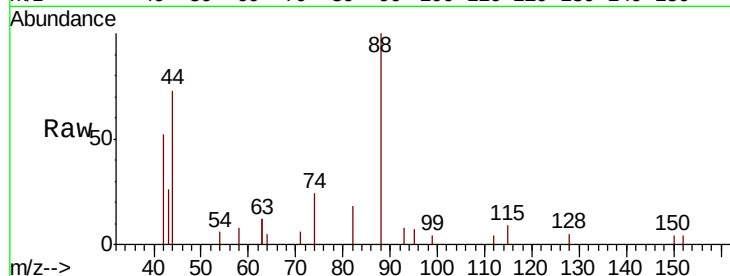
Tot Ion: 42 Resp: 966

Ion Ratio Lower Upper

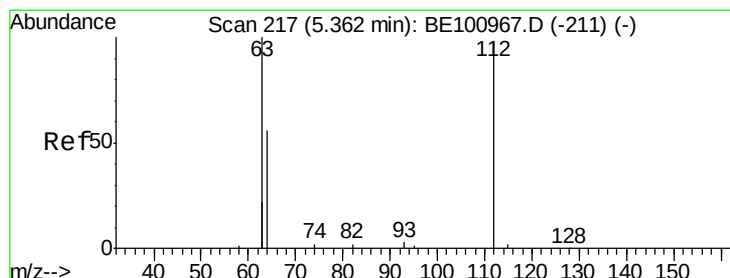
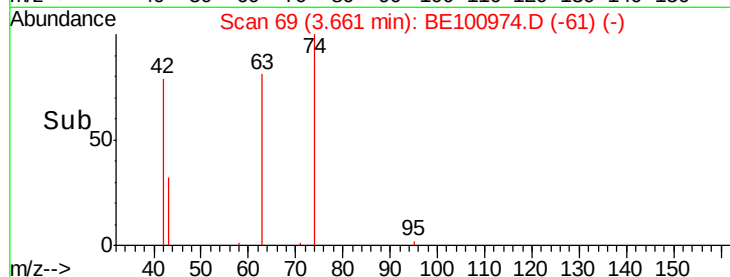
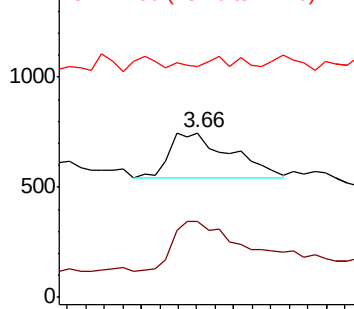
42 100

74 134.4 116.6 174.8

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.371 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

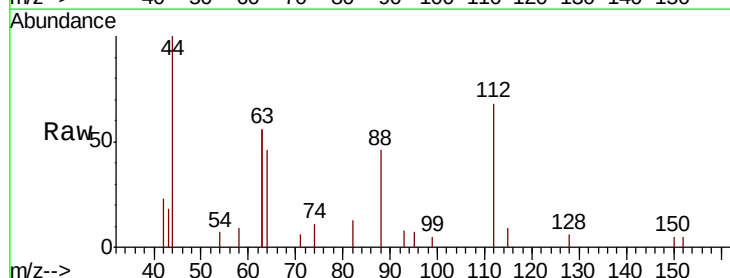
Tgt Ion: 112 Resp: 2024

Ion Ratio Lower Upper

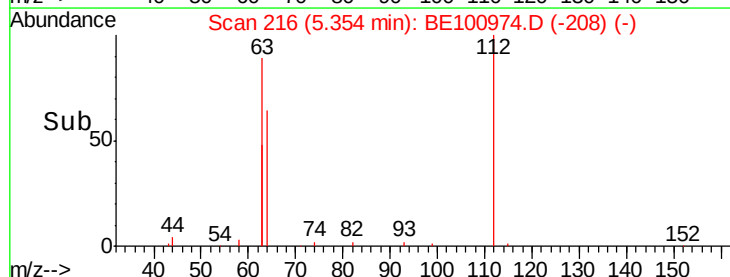
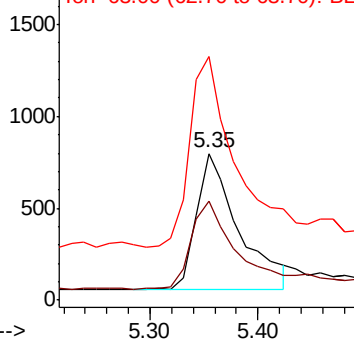
112 100

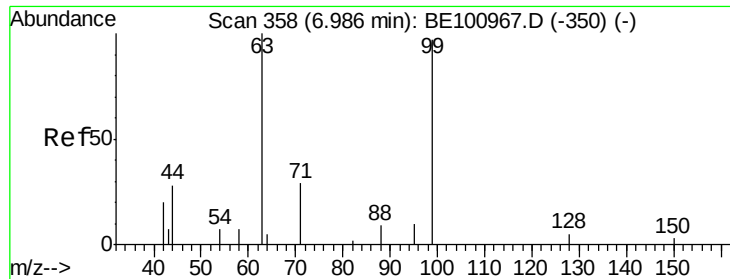
64 68.7 59.0 88.6

63 152.4 121.4 182.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.371 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.04 min

Lab File: BE100974.D

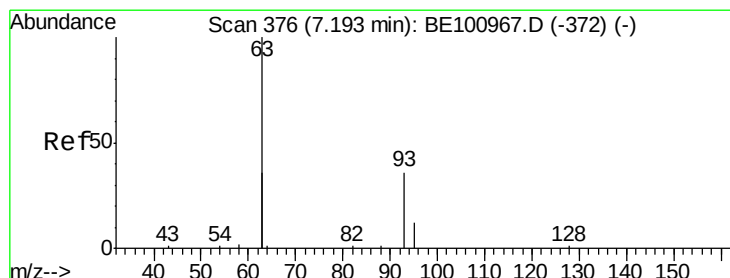
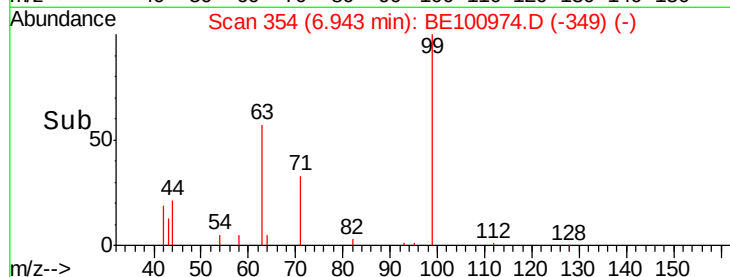
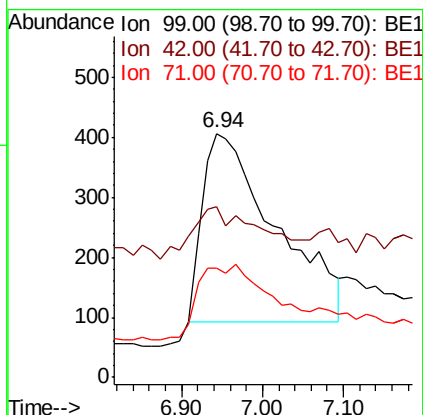
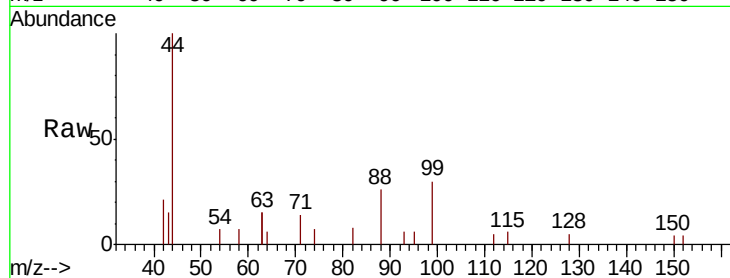
Acq: 26 Dec 2019 16:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	99	Resp:	1983
Ion	Ratio	Lower	Upper
99	100		
42	10.8	0.0	0.0#
71	0.0	0.0	0.0



#6

bis(2-Chloroethyl)ether

Concen: 0.303 ng

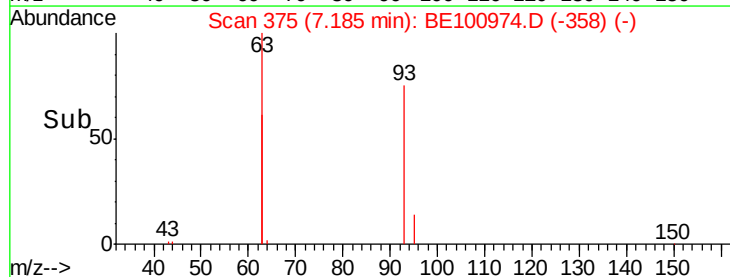
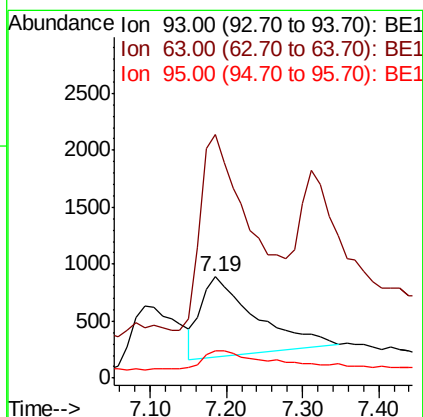
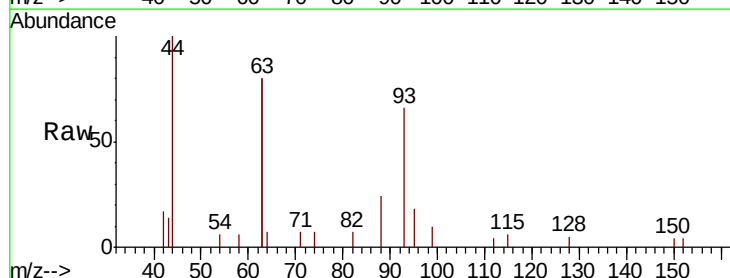
RT: 7.19 min Scan# 375

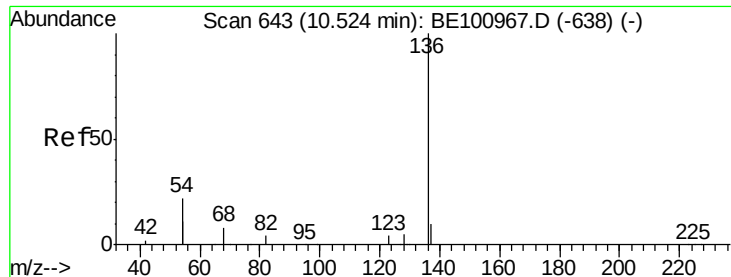
Delta R.T. -0.01 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

Tgt Ion:	93	Resp:	3526
Ion	Ratio	Lower	Upper
93	100		
63	228.6	228.3	342.5
95	25.8	25.9	38.9#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 16572

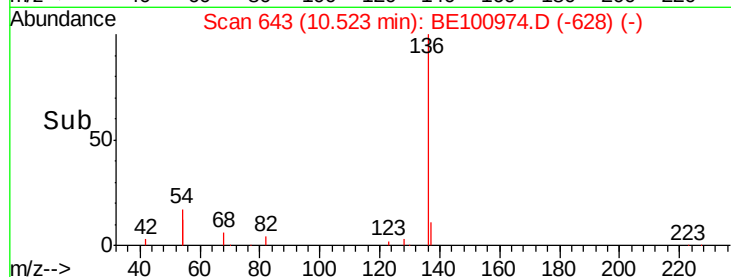
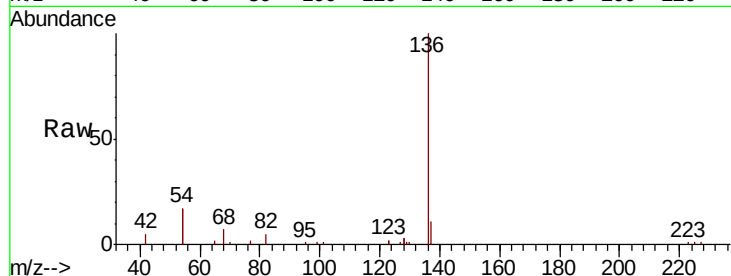
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 33.8 34.4 51.6#

68 7.3 7.8 11.6#

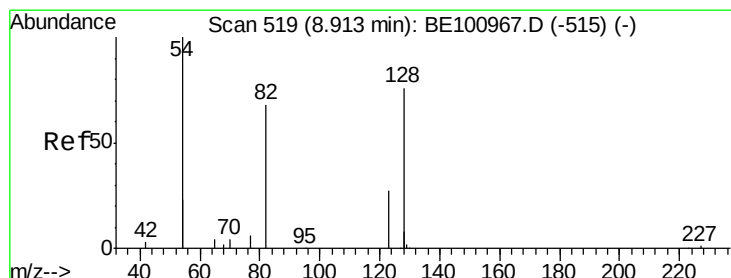
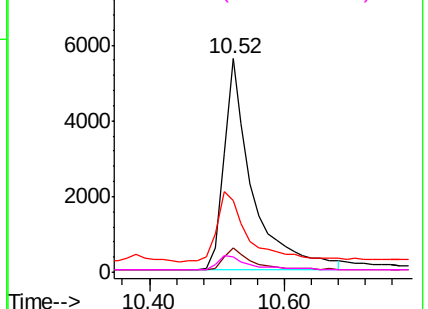


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.396 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

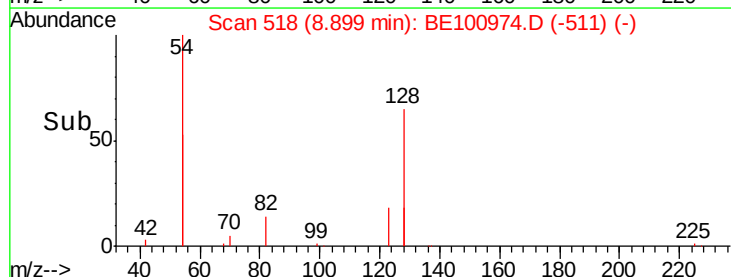
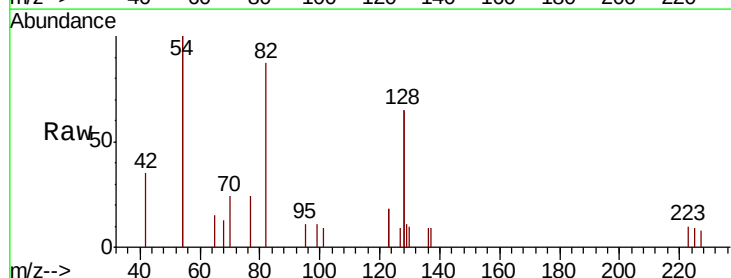
Tgt Ion: 82 Resp: 2313

Ion Ratio Lower Upper

82 100

128 149.5 140.2 210.2

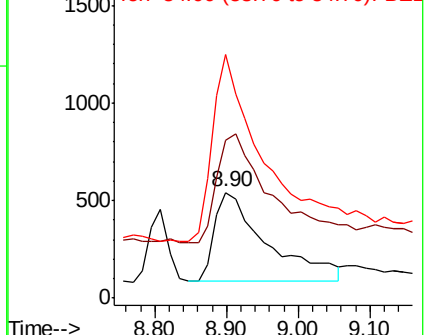
54 229.8 183.8 275.6

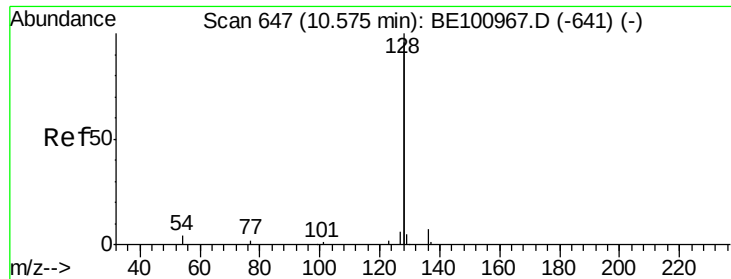


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.426 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

Instrument :

BNA_E

ClientSampleId :

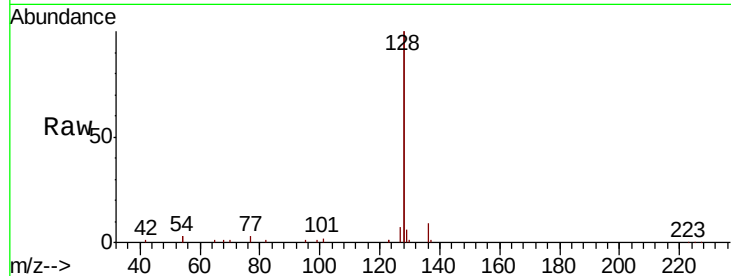
Tot Ion:128 Resp: 75083

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

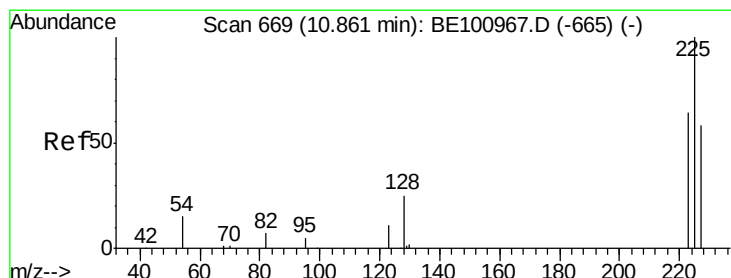
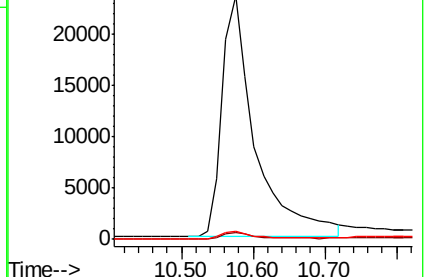
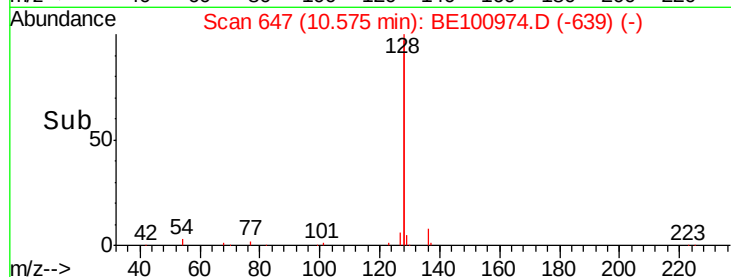
127 3.4 2.8 4.2



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: 0.412 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

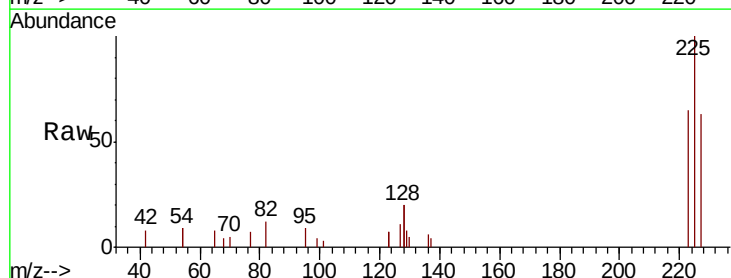
Tgt Ion:225 Resp: 3205

Ion Ratio Lower Upper

225 100

223 63.7 51.4 77.0

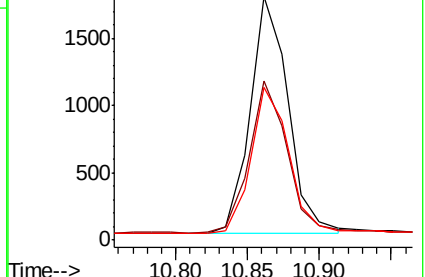
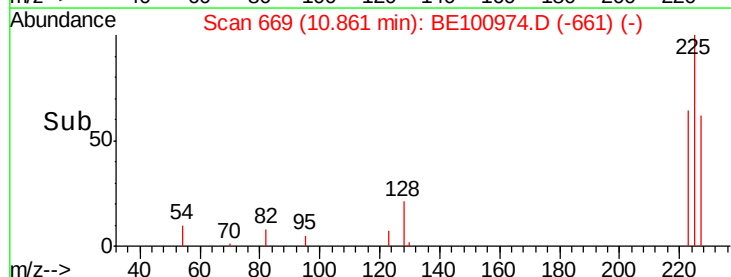
227 62.7 50.2 75.2

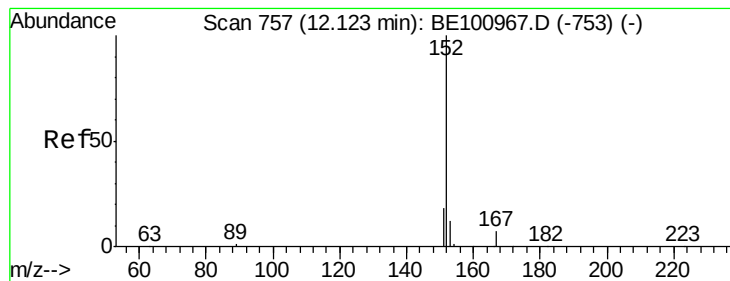


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

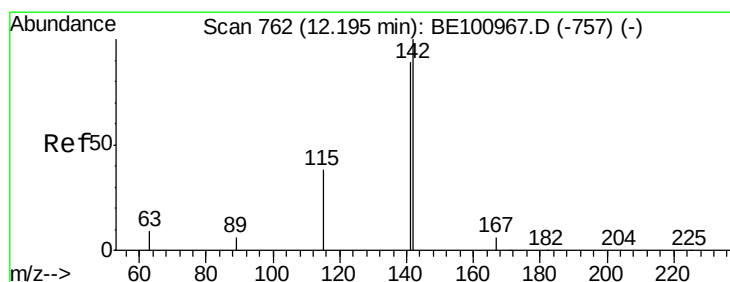
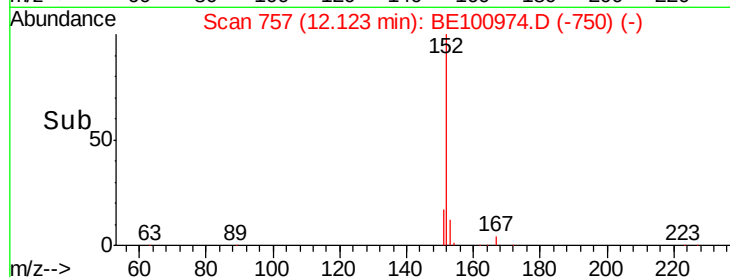
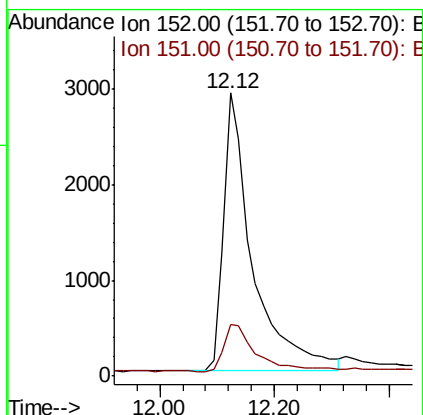
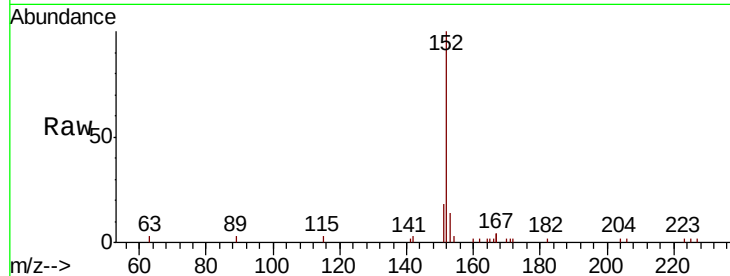




#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BE100974.D
 Acq: 26 Dec 2019 16:17

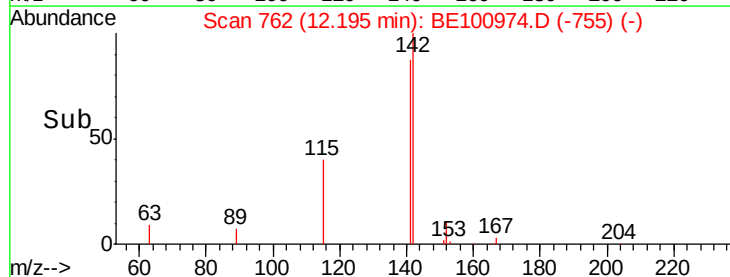
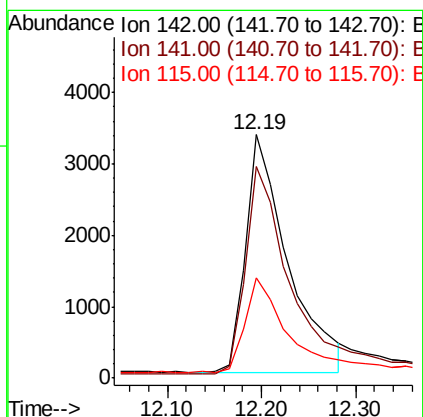
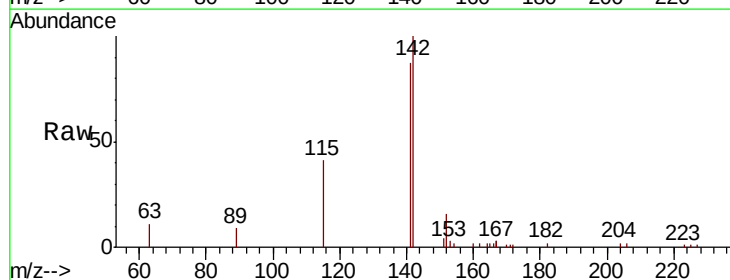
Instrument :
 BNA_E
 ClientSampleId :

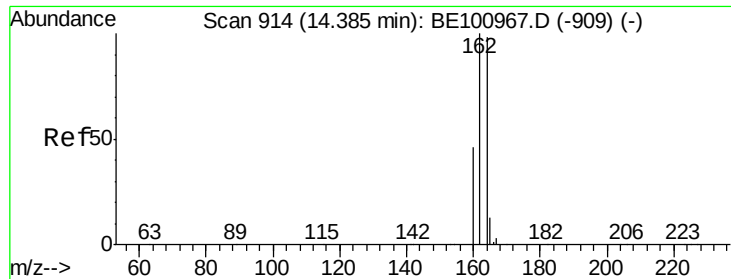
Tot Ion:152 Resp: 10211
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.391 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE100974.D
 Acq: 26 Dec 2019 16:17

Tgt Ion:142 Resp: 10445
 Ion Ratio Lower Upper
 142 100
 141 87.0 70.8 106.2
 115 41.3 32.0 48.0

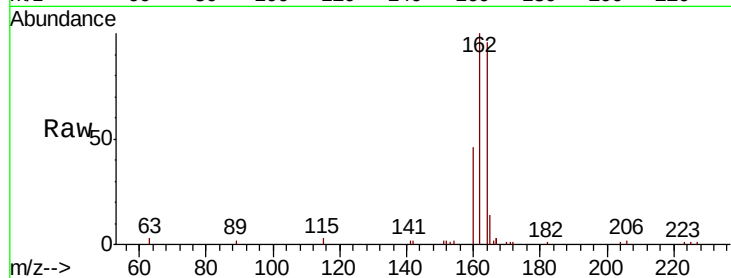




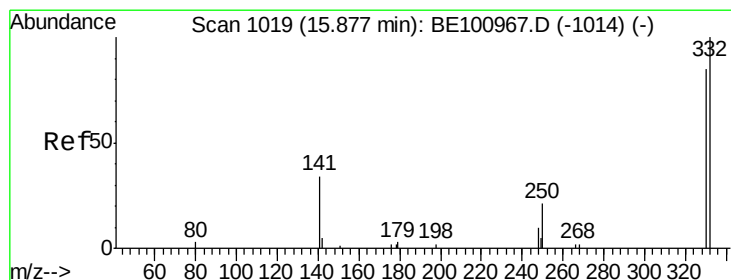
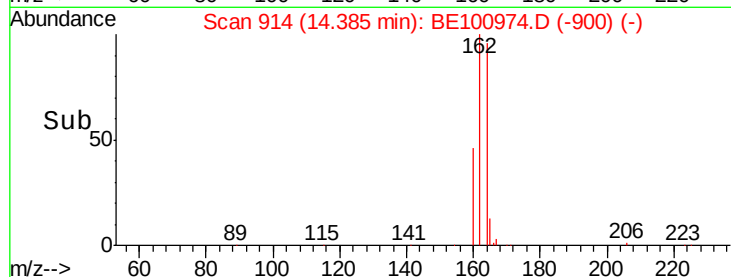
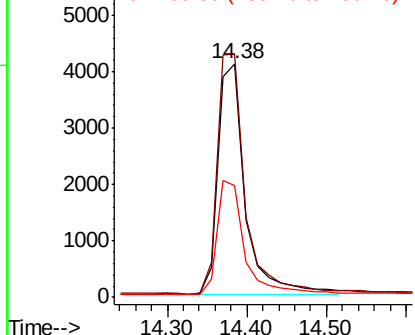
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100974.D
 Acq: 26 Dec 2019 16:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 9634
 Ion Ratio Lower Upper
 164 100
 162 104.3 81.6 122.4
 160 48.1 37.7 56.5

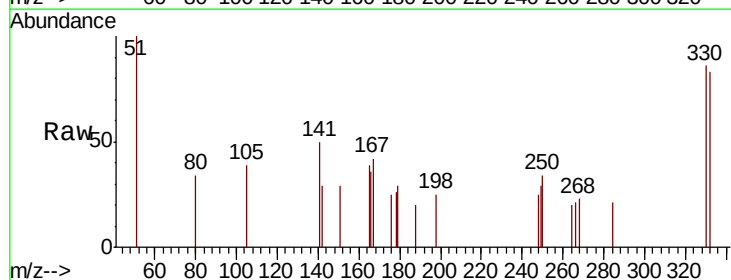


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

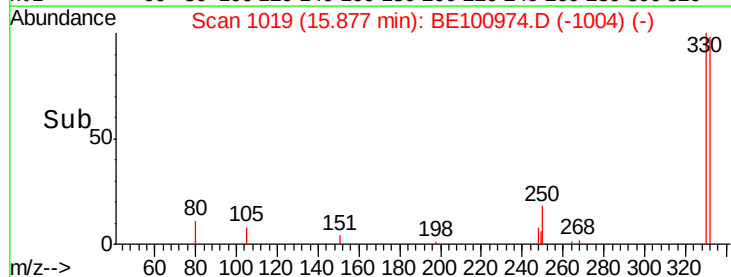
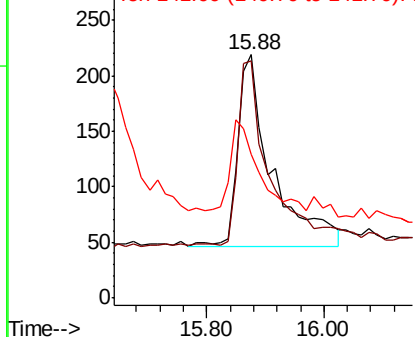


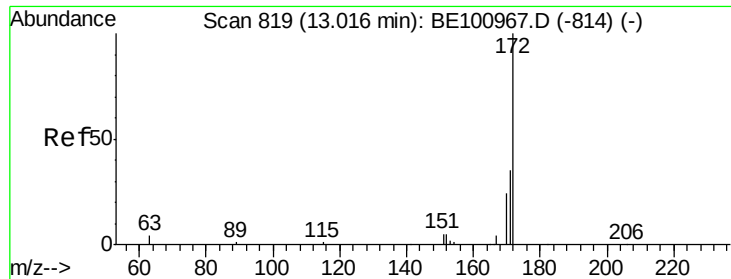
#14
 2,4,6-Tribromophenol
 Concen: 0.433 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE100974.D
 Acq: 26 Dec 2019 16:17

Tgt Ion:330 Resp: 699
 Ion Ratio Lower Upper
 330 100
 332 90.4 72.4 108.6
 141 0.0 25.4 38.2#



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

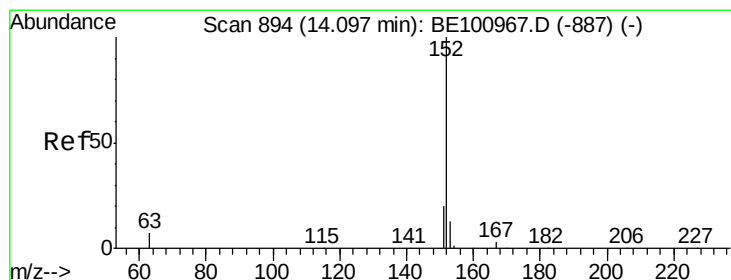
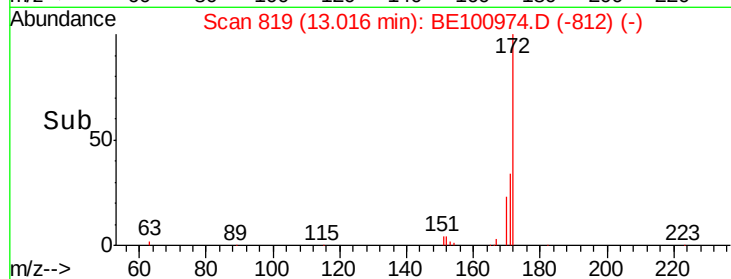
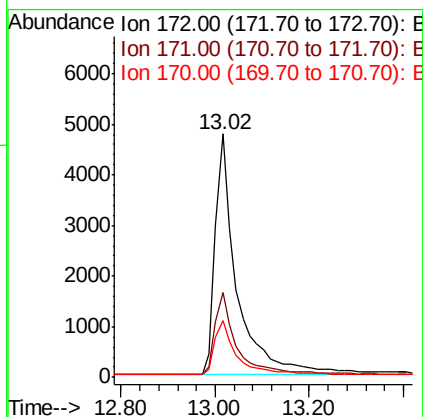
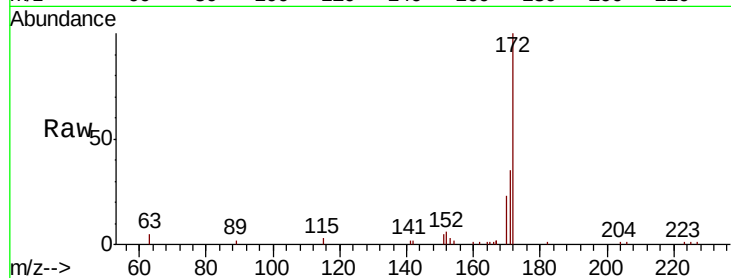




#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

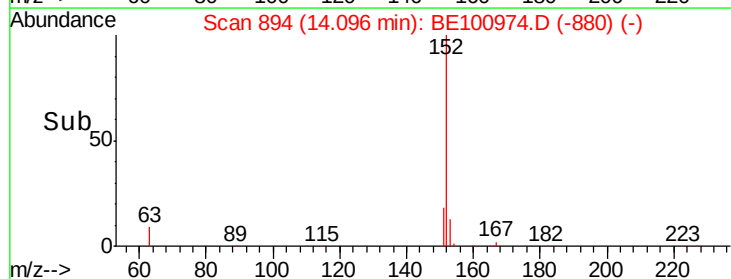
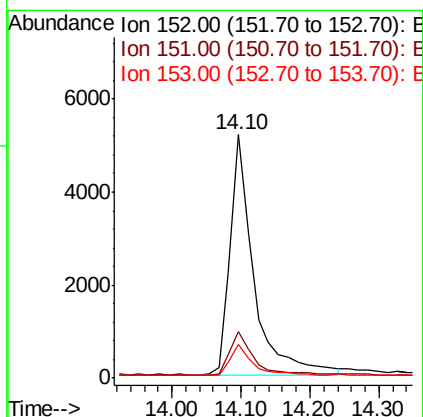
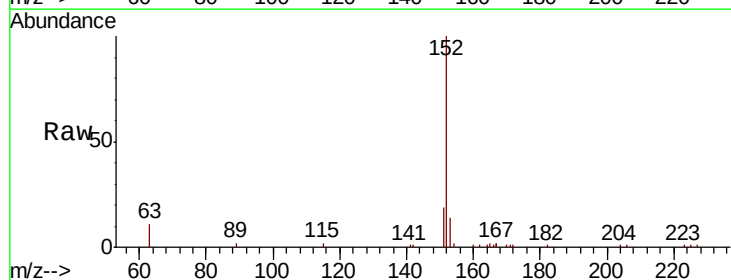
Instrument :
BNA_E
ClientSampleId :

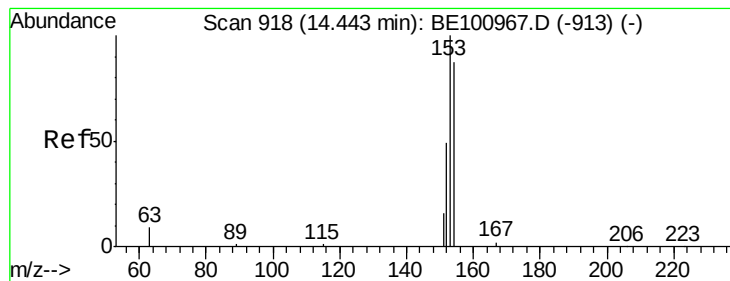
Tot Ion:172 Resp: 15179
Ion Ratio Lower Upper
172 100
171 34.8 29.0 43.6
170 23.4 20.0 30.0



#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

Tgt Ion:152 Resp: 12310
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 12.7 10.5 15.7





#17

Acenaphthene

Concen: 0.441 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

Instrument :

BNA_E

ClientSampleId :

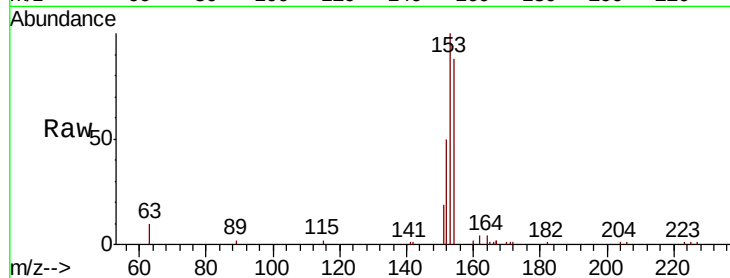
Tot Ion:154 Resp: 11529

Ion Ratio Lower Upper

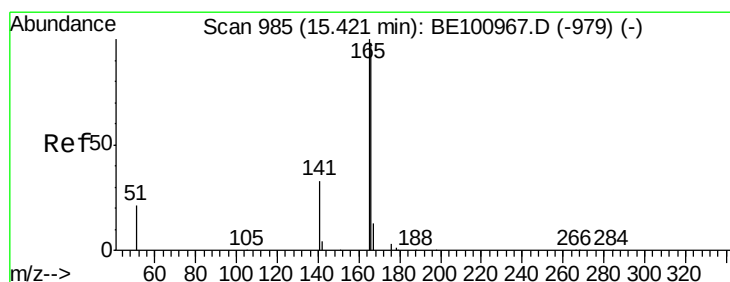
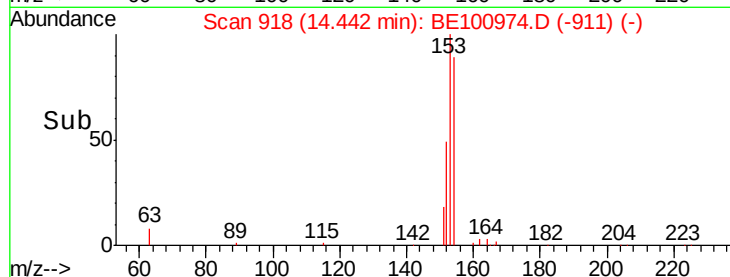
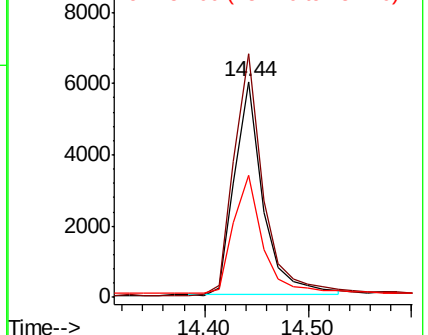
154 100

153 116.4 91.7 137.5

152 57.4 44.5 66.7



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: 0.458 ng

RT: 15.42 min Scan# 985

Delta R.T. 0.00 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

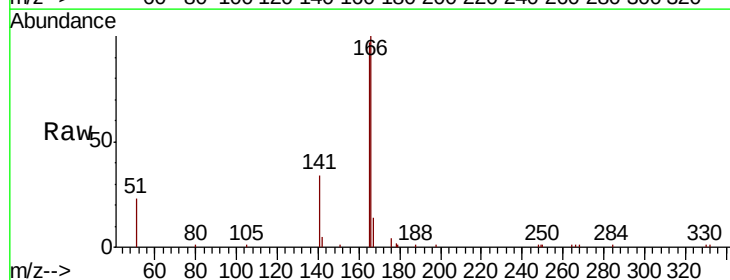
Tgt Ion:166 Resp: 14931

Ion Ratio Lower Upper

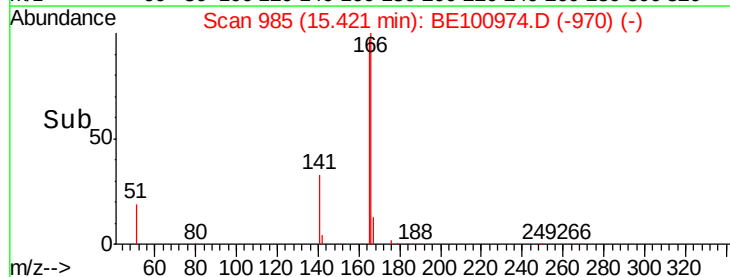
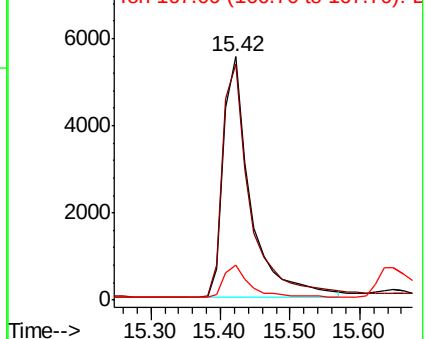
166 100

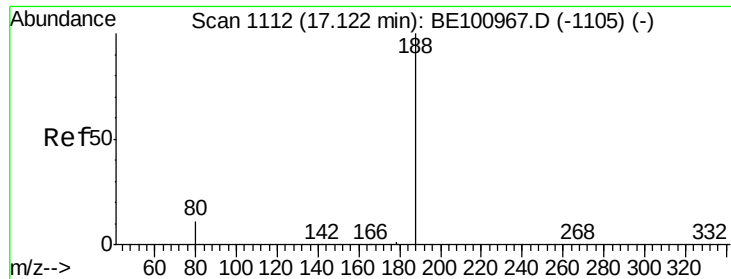
165 98.5 79.4 119.0

167 13.2 10.6 15.8



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

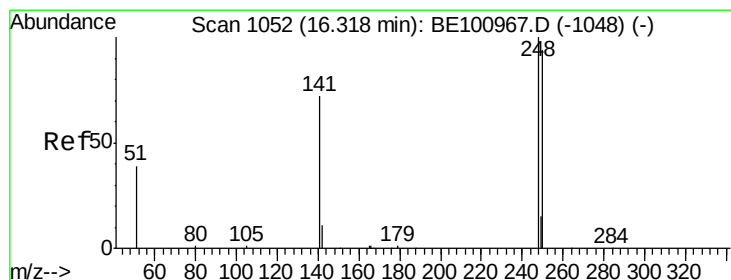
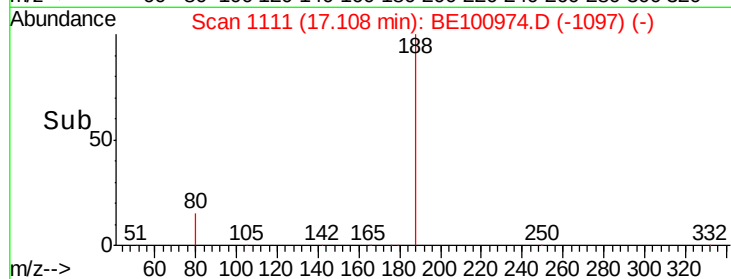
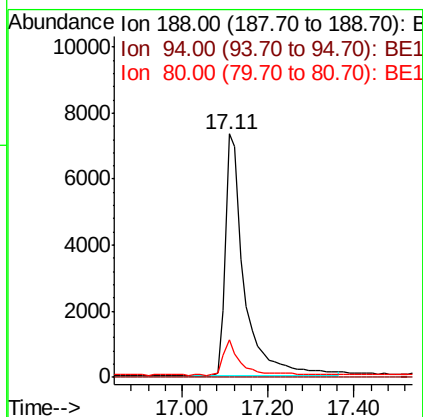
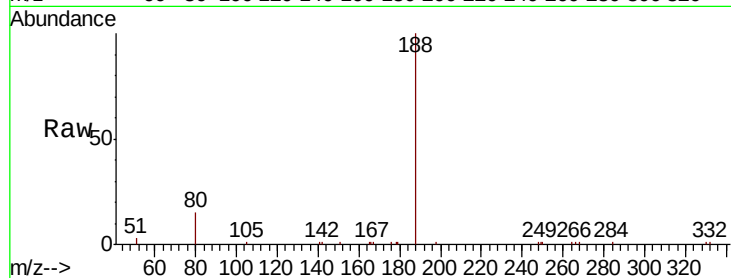




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

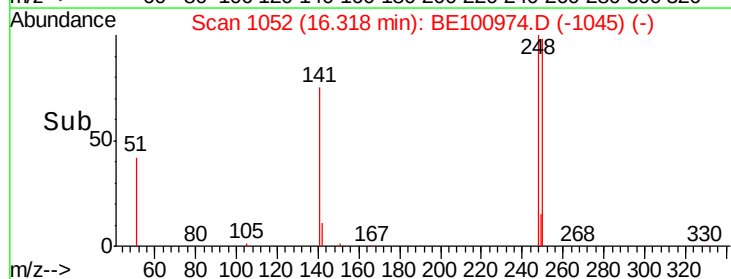
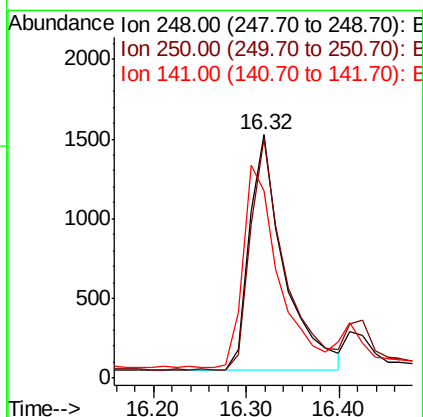
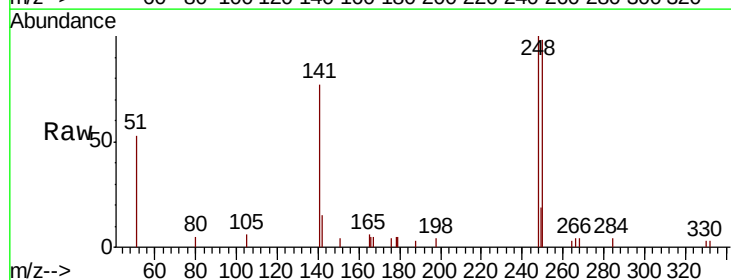
Instrument :
BNA_E
ClientSampleId :

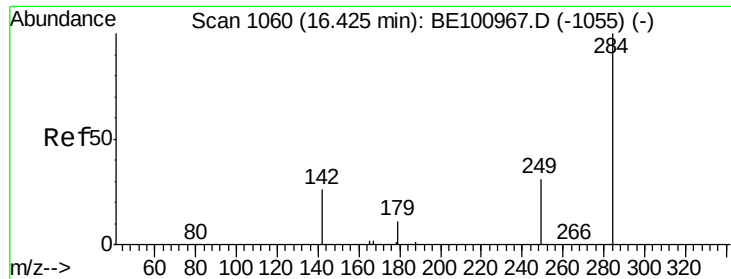
Tot Ion:188 Resp: 22292
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 9.7 14.5#



#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

Tgt Ion:248 Resp: 3846
Ion Ratio Lower Upper
248 100
250 98.4 76.0 114.0
141 77.0 61.0 91.6

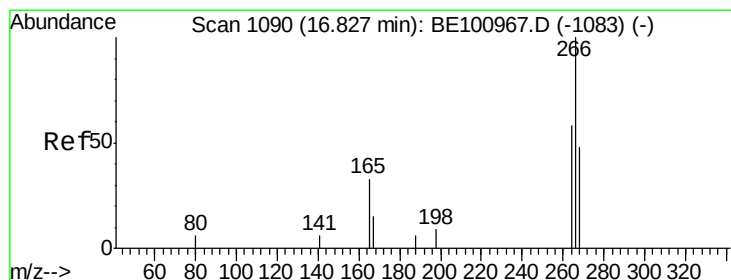
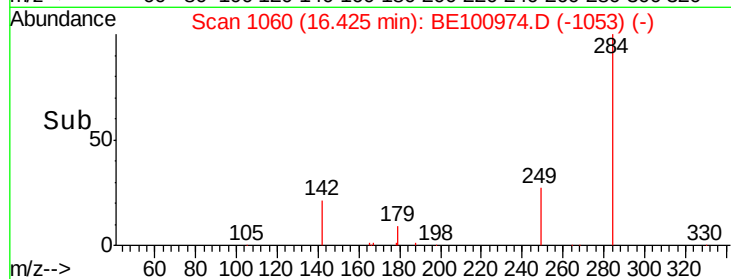
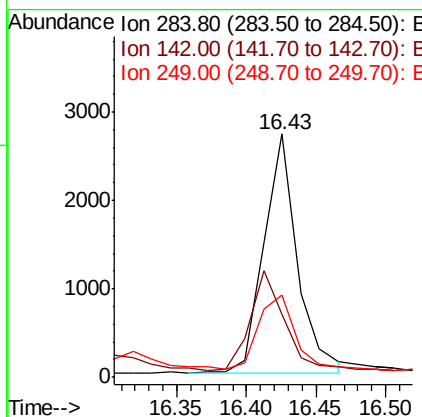
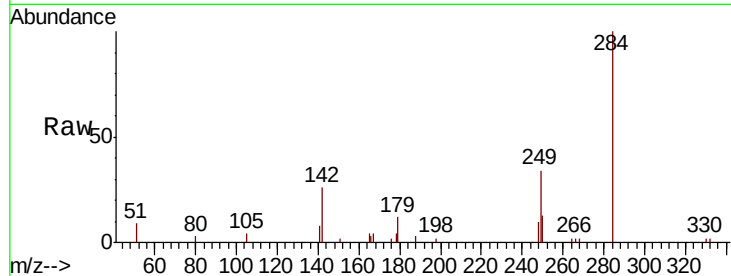




#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

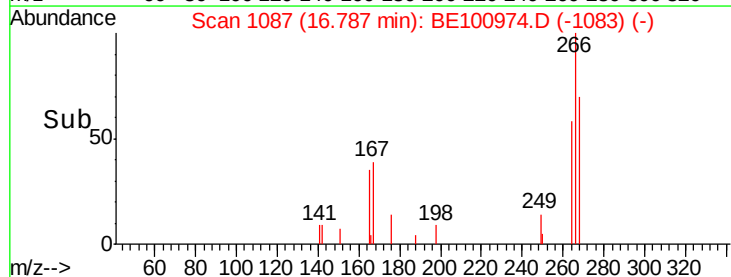
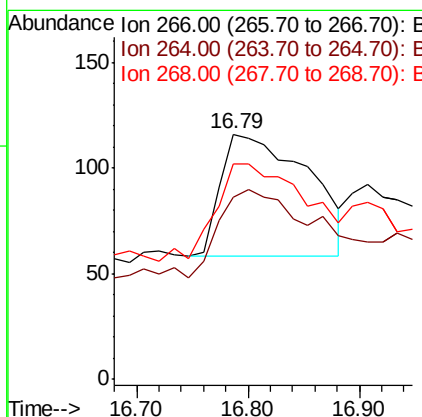
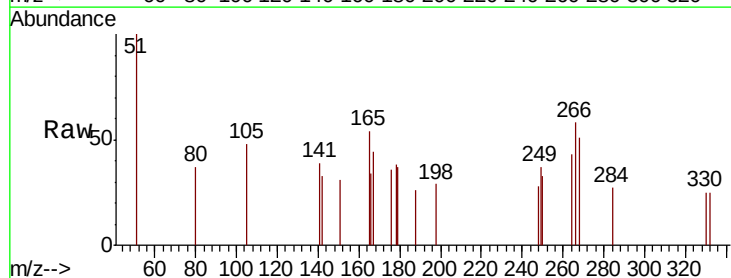
Instrument :
BNA_E
ClientSampleId :

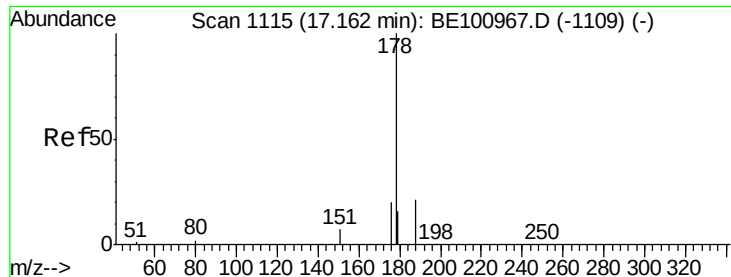
Tot Ion	Ratio	Lower	Upper
284	100		
142	42.3	33.3	49.9
249	34.3	27.2	40.8



#22
Pentachlorophenol
Concen: 0.326 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.04 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

Tgt Ion	Ratio	Lower	Upper
266	100		
264	74.1	62.3	93.5
268	87.9	66.1	99.1

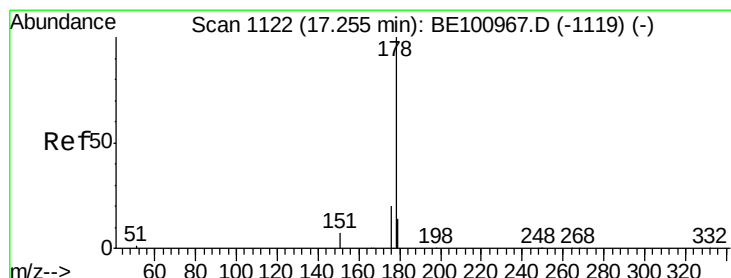
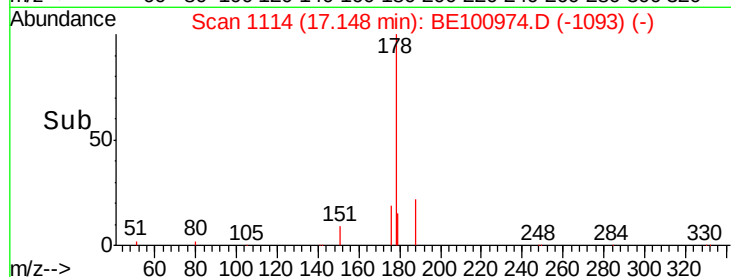
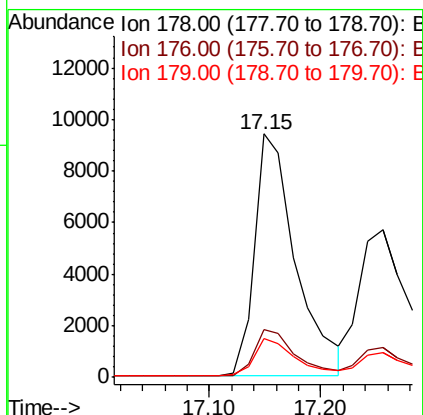
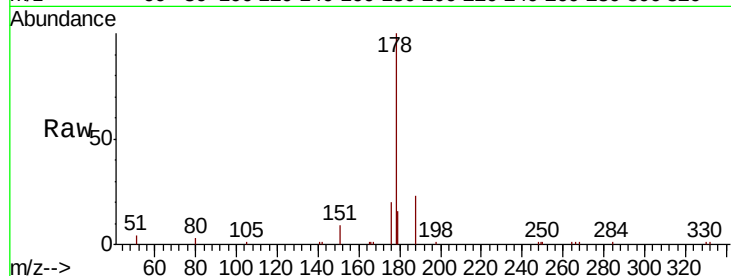




#23
Phenanthrene
Concen: 0.422 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

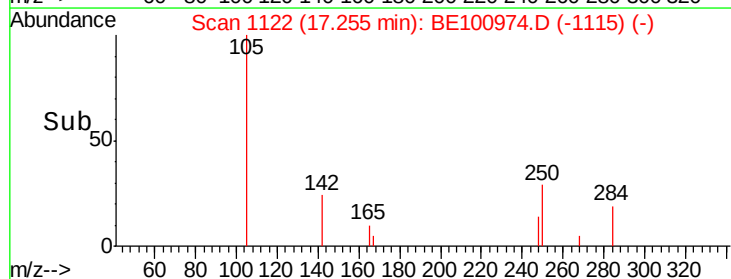
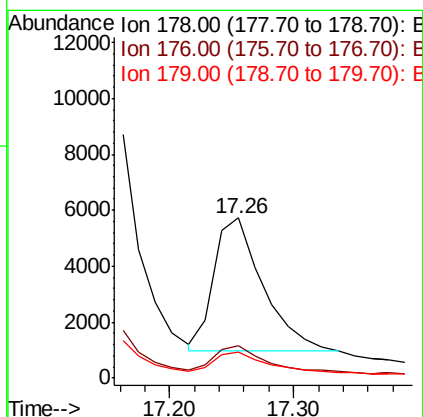
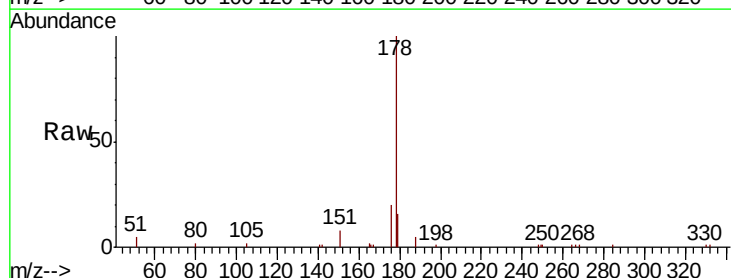
Instrument :
BNA_E
ClientSampleId :

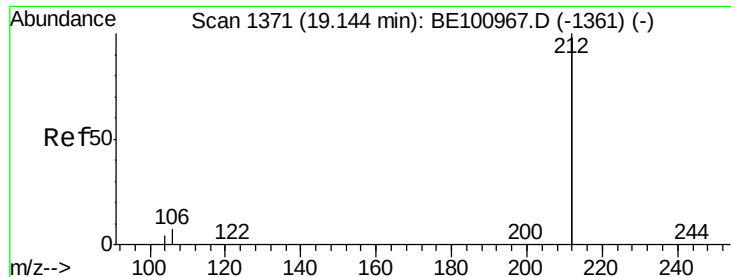
Tot Ion:178 Resp: 24221
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.3 12.6 18.8



#24
Anthracene
Concen: 0.225 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

Tgt Ion:178 Resp: 13081
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.5 12.5 18.7

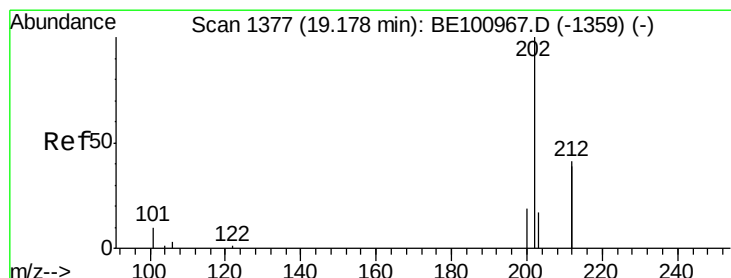
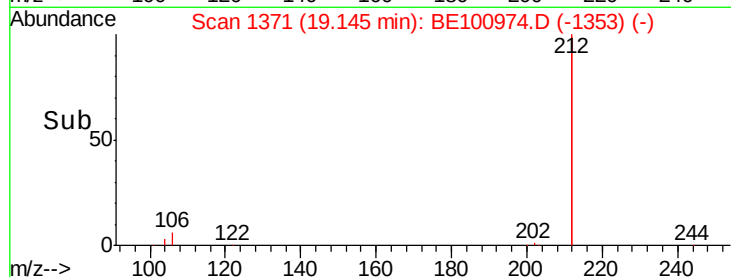
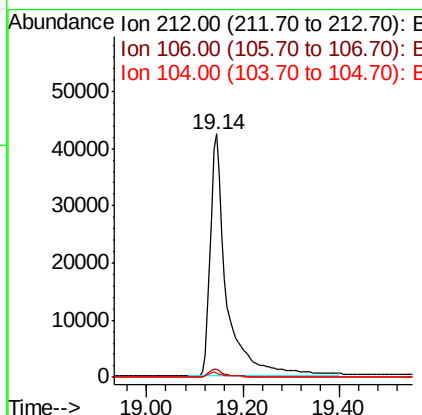
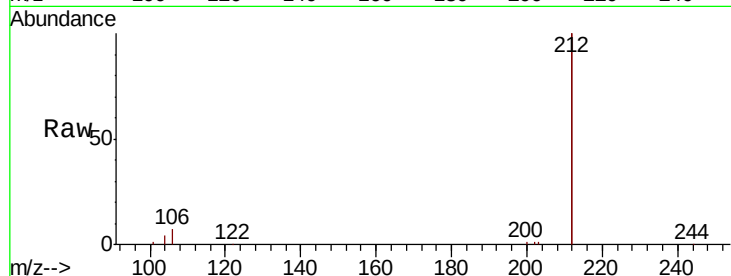




#25
 Fluoranthene-d10
 Concen: 0.379 ng
 RT: 19.14 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE100974.D
 Acq: 26 Dec 2019 16:17

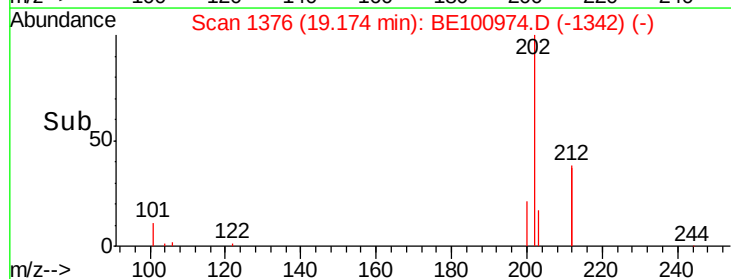
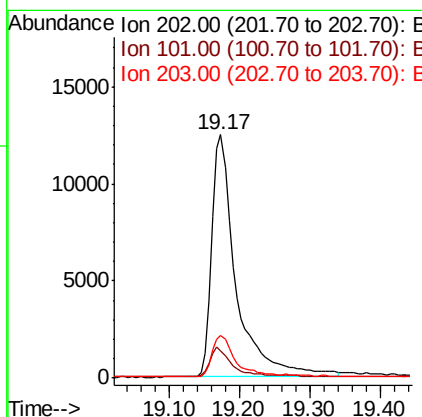
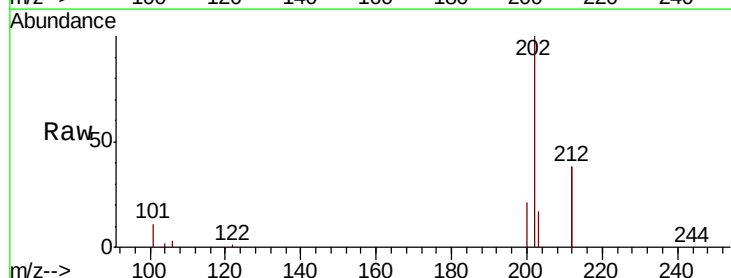
Instrument :
 BNA_E
 ClientSampleId :

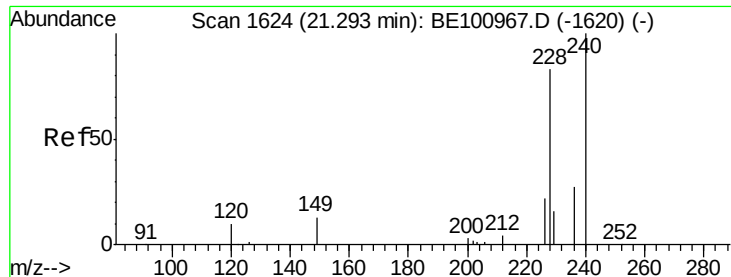
Tot Ion:212 Resp: 102602
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.4 3.6
 104 1.7 1.4 2.0



#26
 Fluoranthene
 Concen: 0.385 ng
 RT: 19.17 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BE100974.D
 Acq: 26 Dec 2019 16:17

Tgt Ion:202 Resp: 30199
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.0 13.4
 203 16.6 13.2 19.8

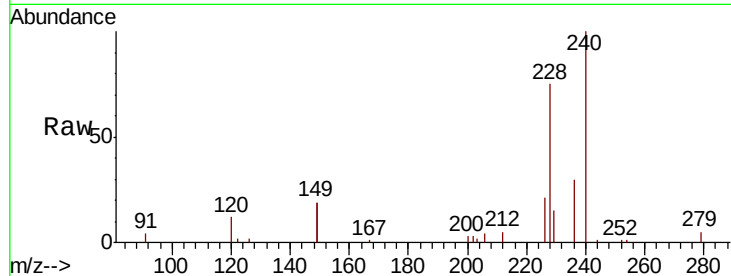




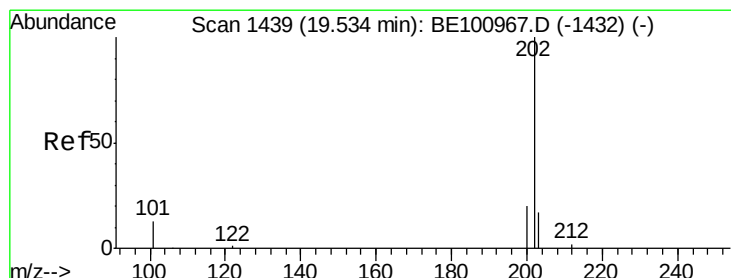
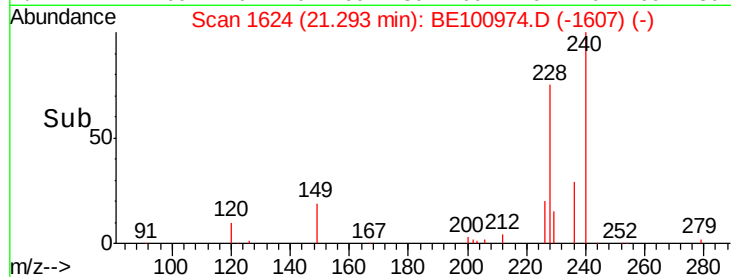
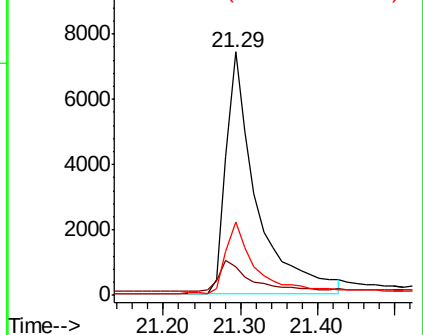
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 20197
Ion Ratio Lower Upper
240 100
120 11.6 10.2 15.4
236 30.1 22.6 34.0

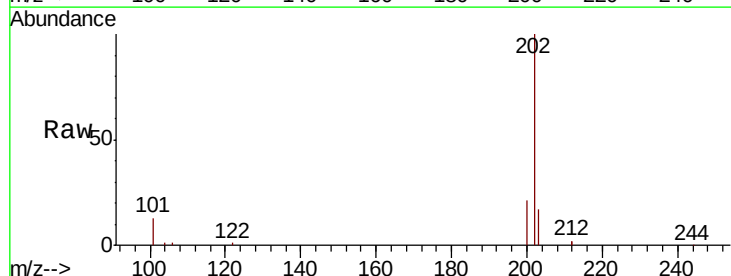


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

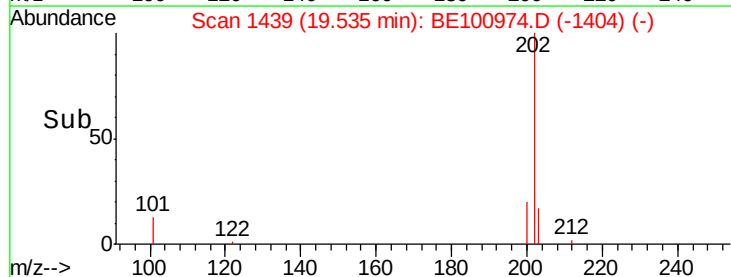
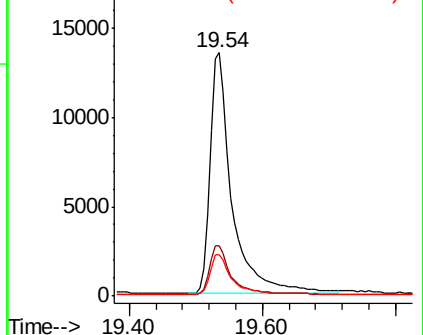


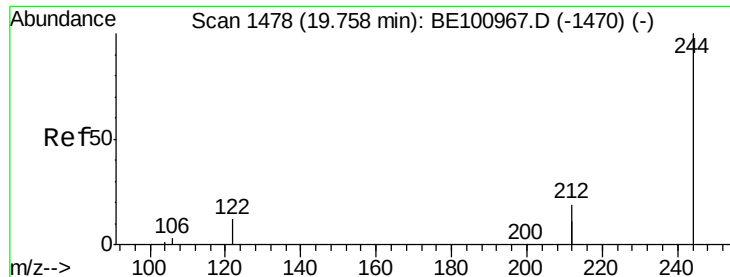
#28
Pyrene
Concen: 0.437 ng
RT: 19.54 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

Tgt Ion:202 Resp: 30910
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.2 13.8 20.6



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: 0.442 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

Instrument :

BNA_E

ClientSampled :

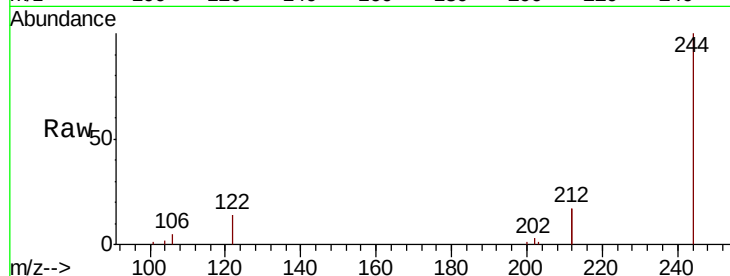
Tot Ion:244 Resp: 20518

Ion Ratio Lower Upper

244 100

212 35.0 29.3 43.9

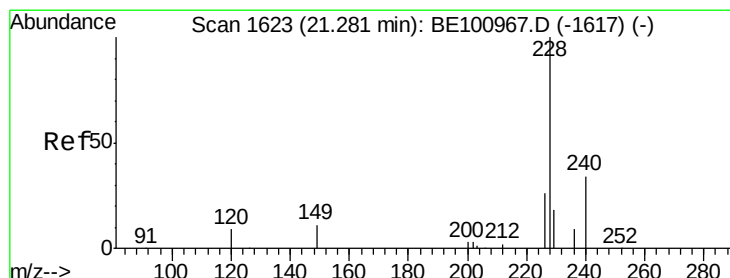
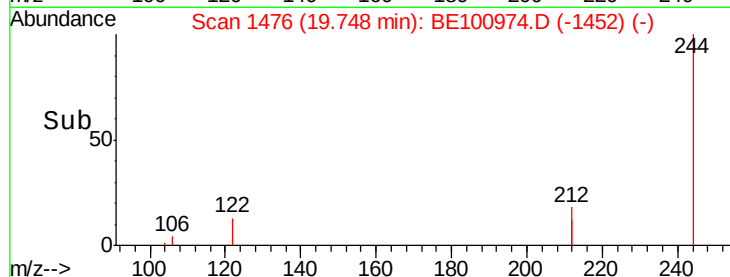
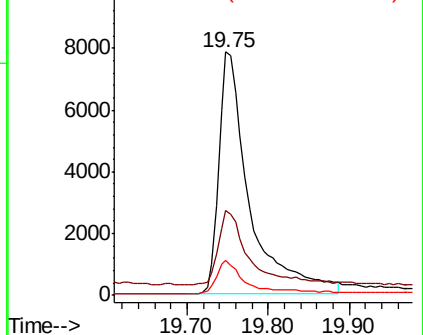
122 14.2 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.425 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

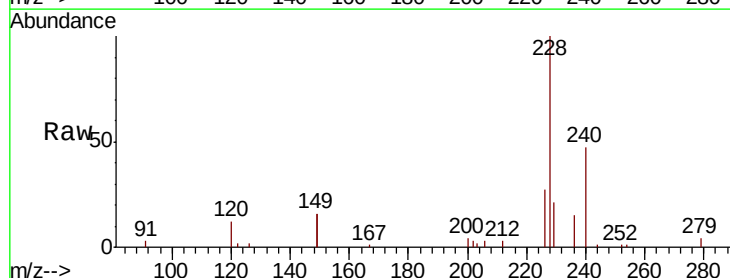
Tgt Ion:228 Resp: 21008

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

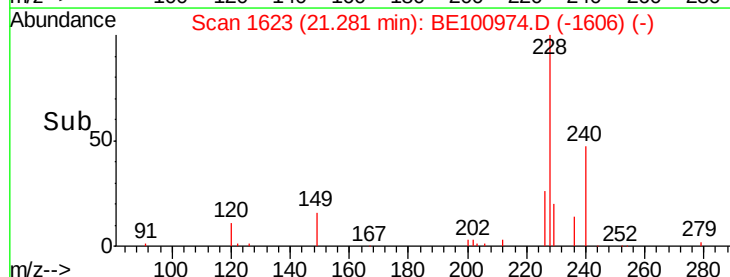
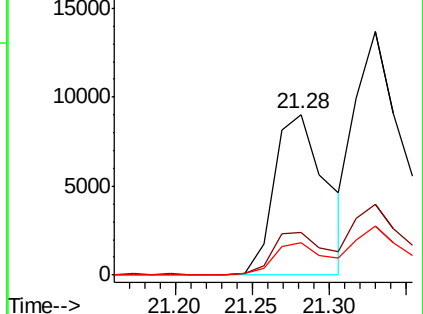
229 20.5 15.4 23.0

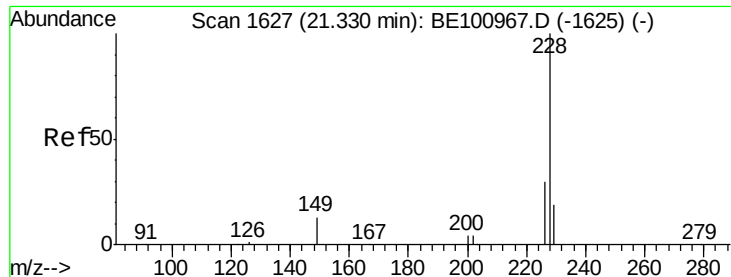


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.297 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

Instrument :

BNA_E

ClientSampleId :

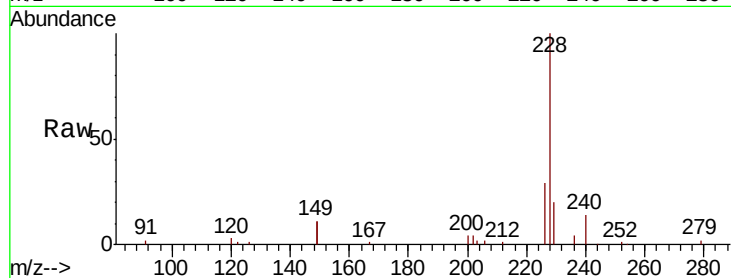
Tot Ion:228 Resp: 27293

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

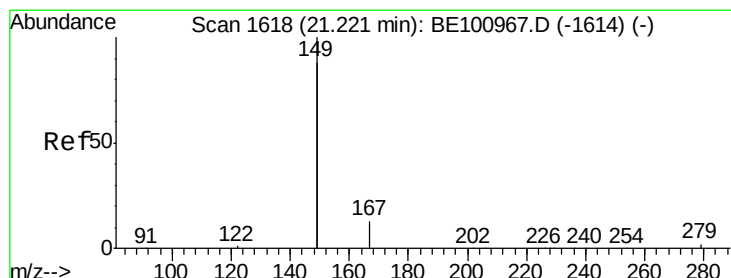
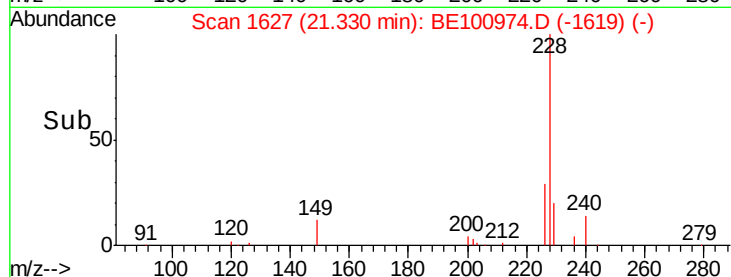
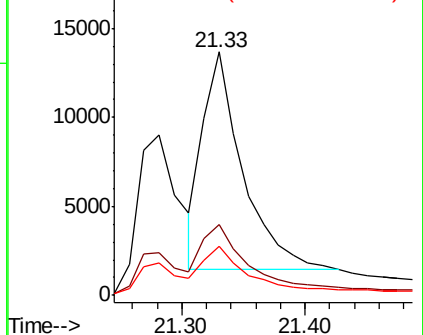
229 20.2 15.7 23.5



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: 0.377 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

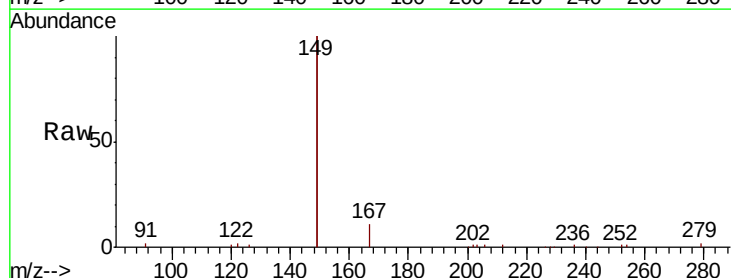
Tgt Ion:149 Resp: 33048

Ion Ratio Lower Upper

149 100

167 6.0 5.1 7.7

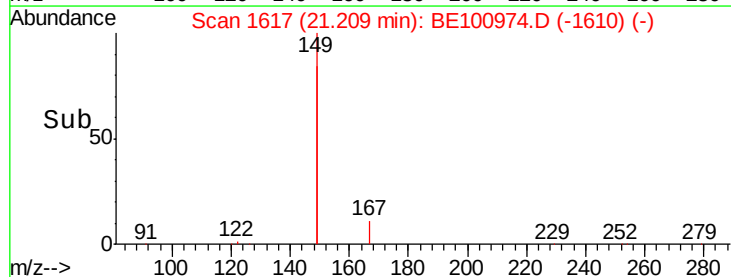
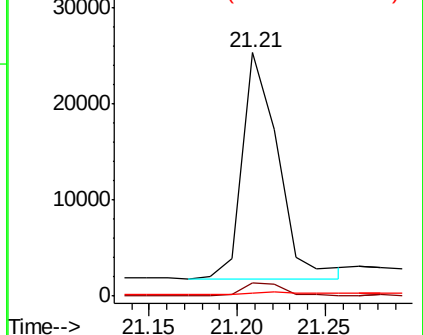
279 1.4 0.6 1.0#

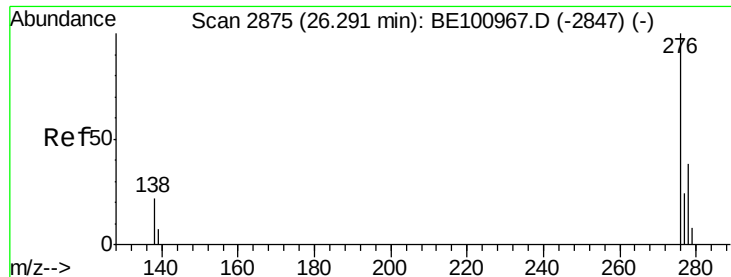


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

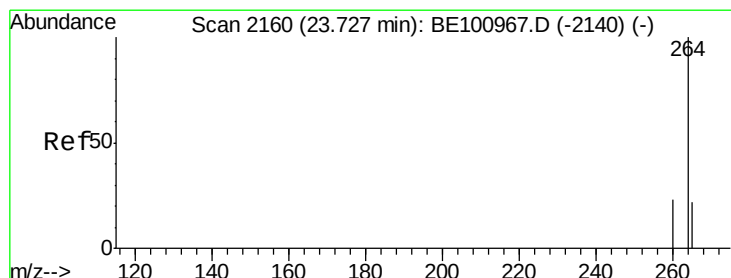
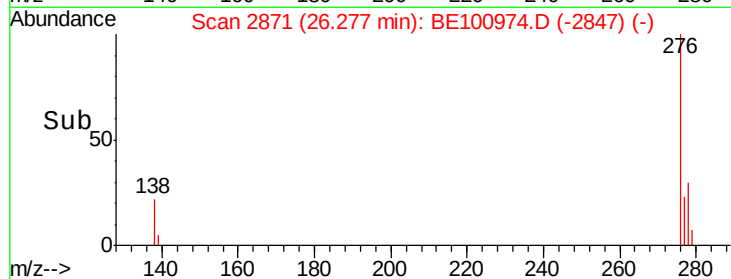
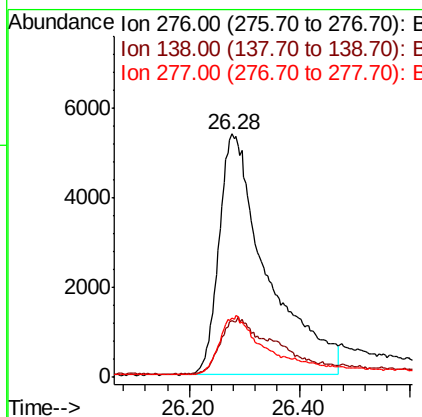
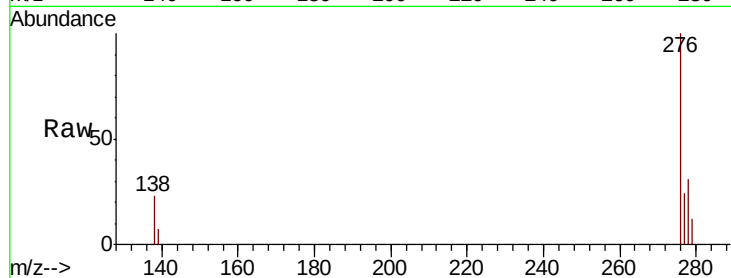




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.469 ng
 RT: 26.28 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: BE100974.D
 Acq: 26 Dec 2019 16:17

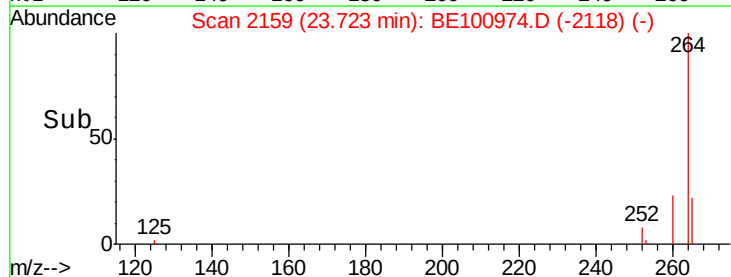
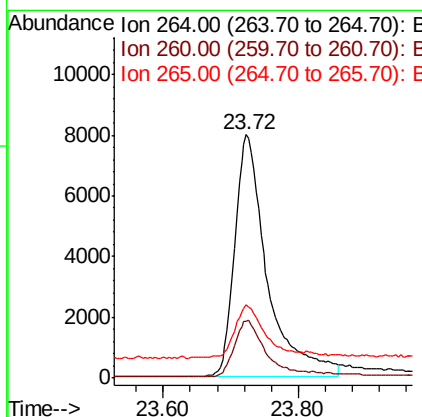
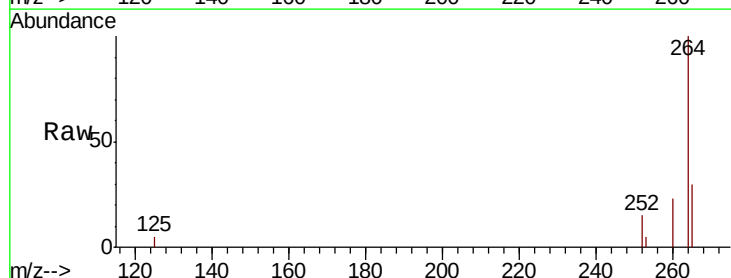
Instrument :
 BNA_E
 ClientSampleId :

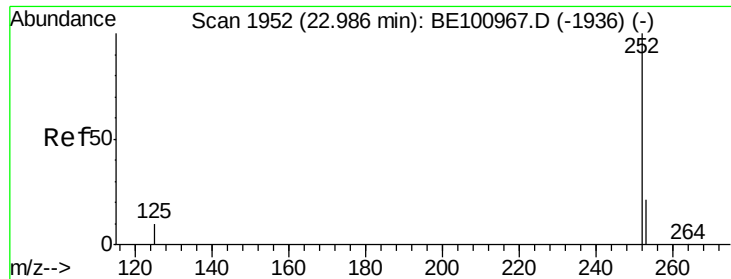
Tot Ion:276 Resp: 32521
 Ion Ratio Lower Upper
 276 100
 138 17.7 14.8 22.2
 277 19.7 18.0 27.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BE100974.D
 Acq: 26 Dec 2019 16:17

Tgt Ion:264 Resp: 26488
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 30.3 26.6 40.0

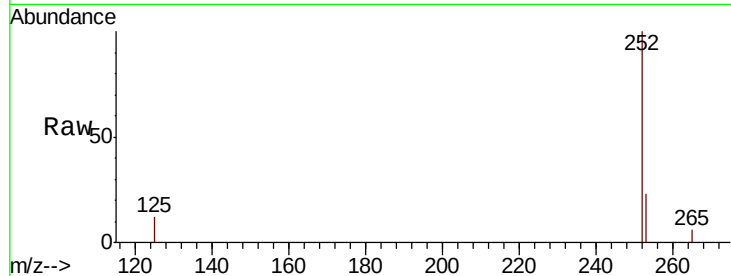




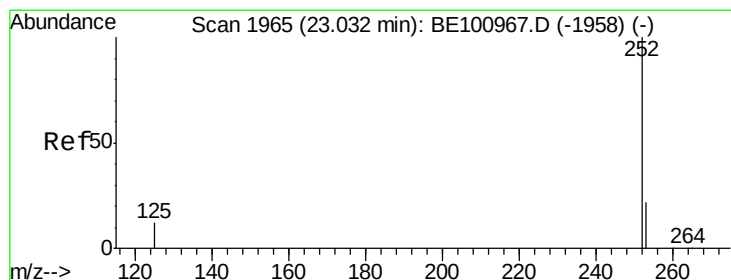
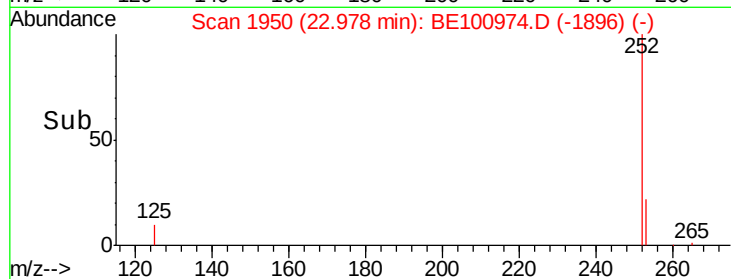
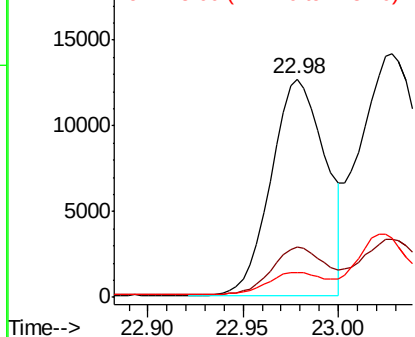
#35
Benzo(b)fluoranthene
Concen: 0.448 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 24978
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 11.6 9.7 14.5

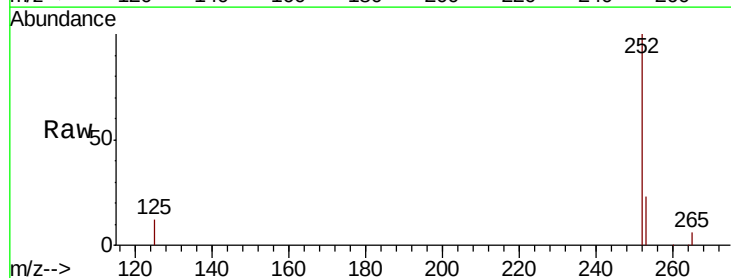


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

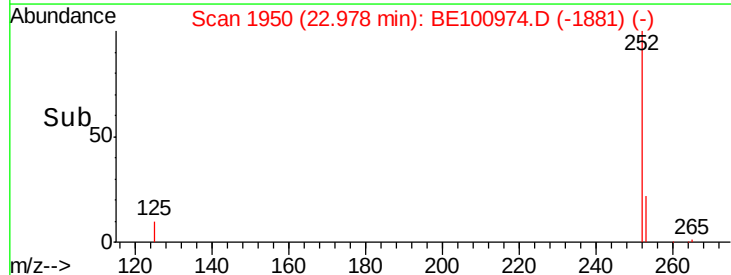
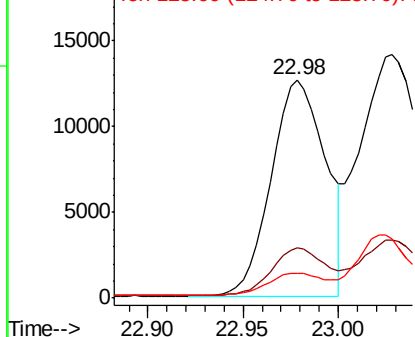


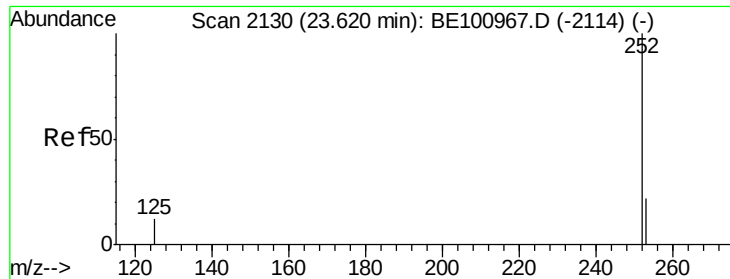
#36
Benzo(k)fluoranthene
Concen: 0.236 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.05 min
Lab File: BE100974.D
Acq: 26 Dec 2019 16:17

Tgt Ion:252 Resp: 24978
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 11.6 11.2 16.8



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: 0.409 ng

RT: 23.61 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

Instrument :

BNA_E

ClientSampleId :

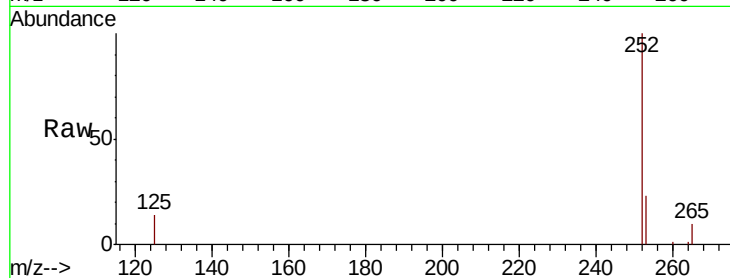
Tot Ion:252 Resp: 26632

Ion Ratio Lower Upper

252 100

253 23.0 20.1 30.1

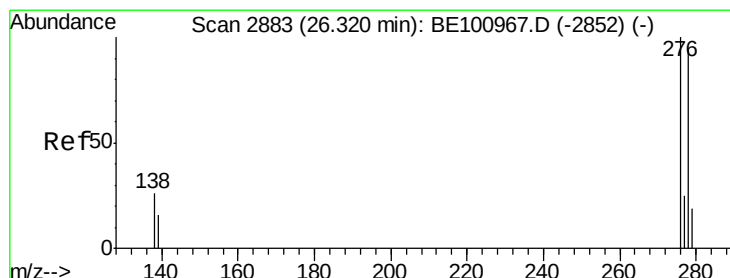
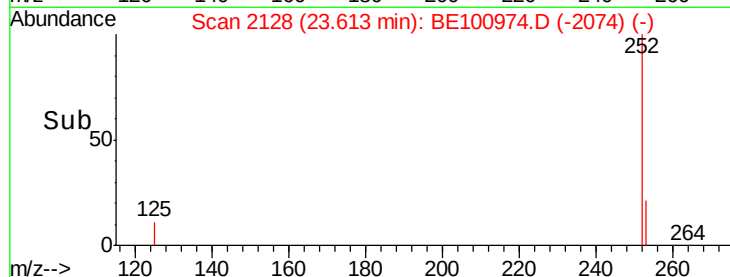
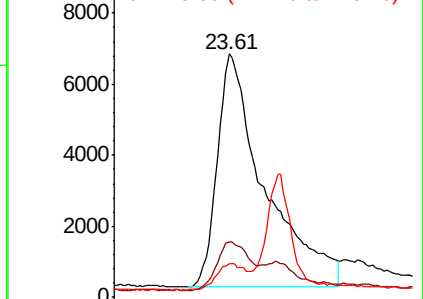
125 13.9 12.6 18.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.412 ng

RT: 26.31 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

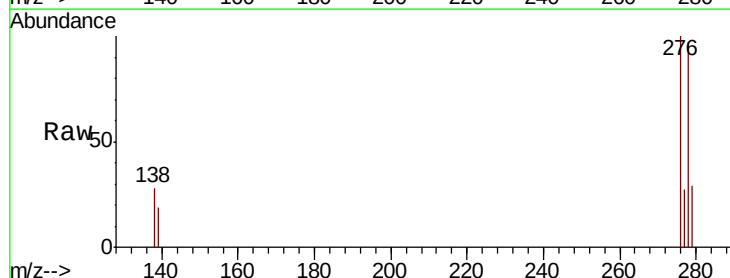
Tgt Ion:278 Resp: 24276

Ion Ratio Lower Upper

278 100

139 19.2 16.4 24.6

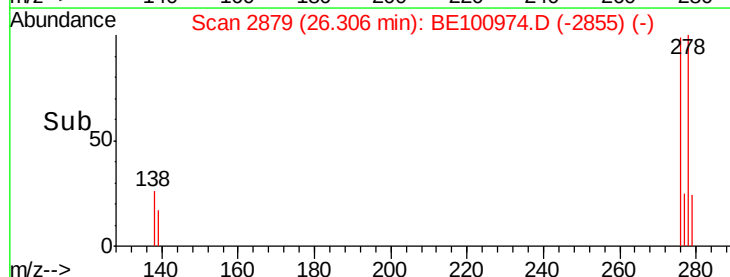
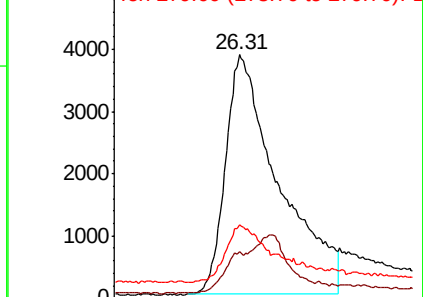
279 30.0 19.3 28.9#

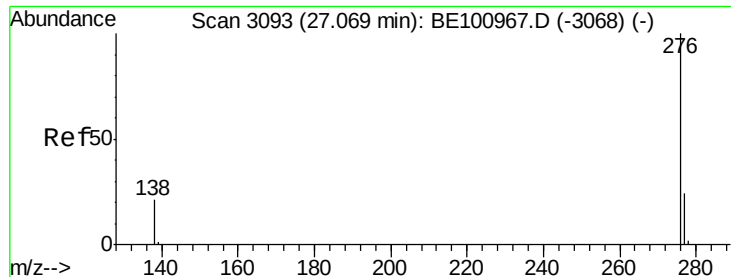


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.455 ng

RT: 27.06 min Scan# 3091

Delta R.T. -0.01 min

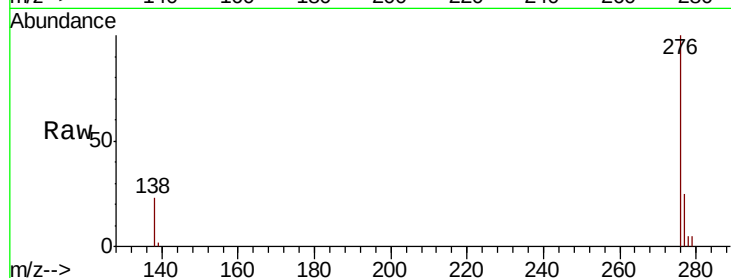
Lab File: BE100974.D

Acq: 26 Dec 2019 16:17

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 31606

Ion Ratio Lower Upper

276 100

277 24.5 20.0 30.0

138 22.8 18.6 27.8

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

