

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071719\
 Data File : BE100457.D
 Acq On : 17 Jul 2019 20:07
 Operator : HP/JU
 Sample : K3818-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 HJDC-COMP3MSD

Manual Integrations
 APPROVED

mohammad
 7/19/2019 2:24:26 PM

Quant Time: Jul 18 02:21:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 16 14:03:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5572	0.40	ng	0.01
7) Naphthalene-d8	10.68	136	24509	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	15545	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	35001	0.40	ng	0.01
27) Chrysene-d12	21.40	240	42891	0.40	ng	0.01
34) Perylene-d12	23.92	264	42078	0.40	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2772	0.26	ng	0.00
5) Phenol-d6	7.05	99	4095	0.26	ng	0.00
8) Nitrobenzene-d5	9.03	82	2862	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	5491m	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1220	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	8141	0.12	ng	0.00
25) Fluoranthene-d10	19.26	212	63936	0.15	ng	0.01
29) Terphenyl-d14	19.86	244	14223	0.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	1186	0.052	ng	# 48
3) n-Nitrosodimethylamine	3.70	42	1090	0.226	ng	# 55
6) bis(2-Chloroethyl)ether	7.31	93	3767	0.238	ng	77
9) Naphthalene	10.73	128	363400	1.522	ng	100
10) Hexachlorobutadiene	11.03	225	1818	0.157	ng	98
12) 2-Methylnaphthalene	12.34	142	39636	0.993	ng	97
16) Acenaphthylene	14.24	152	203186	3.232	ng	99
17) Acenaphthene	14.59	154	122662	2.839	ng	95
18) Fluorene	15.54	166	210412	3.777	ng	97
20) 4-Bromophenyl-phenylether	16.44	248	2866	0.157	ng	# 83
21) Hexachlorobenzene	16.56	284	2779	0.130	ng	# 90
22) Pentachlorophenol	16.89	266	3807	0.934	ng	95
23) Phenanthrene	17.28	178	3037639	32.572	ng	98
24) Anthracene	17.38	178	846747	11.001	ng	97
26) Fluoranthene	19.30	202	4921239	41.520	ng	97
28) Pyrene	19.66	202	4508421	35.932	ng	# 90
30) Benzo(a)anthracene	21.39	228	2746695	23.595	ng	93
31) Chrysene	21.44	228	2143428	15.505	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	646505	7.743	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.59	276	1260660	10.257	ng	95
35) Benzo(b)fluoranthene	23.16	252	2900929	22.564	ng	97
36) Benzo(k)fluoranthene	23.19	252	911647m	6.701	ng	
37) Benzo(a)pyrene	23.81	252	2204462	20.853	ng	97
38) Dibenzo(a,h)anthracene	26.61	278	325118	2.885	ng	# 86
39) Benzo(g,h,i)perylene	27.41	276	1212230	10.284	ng	98

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

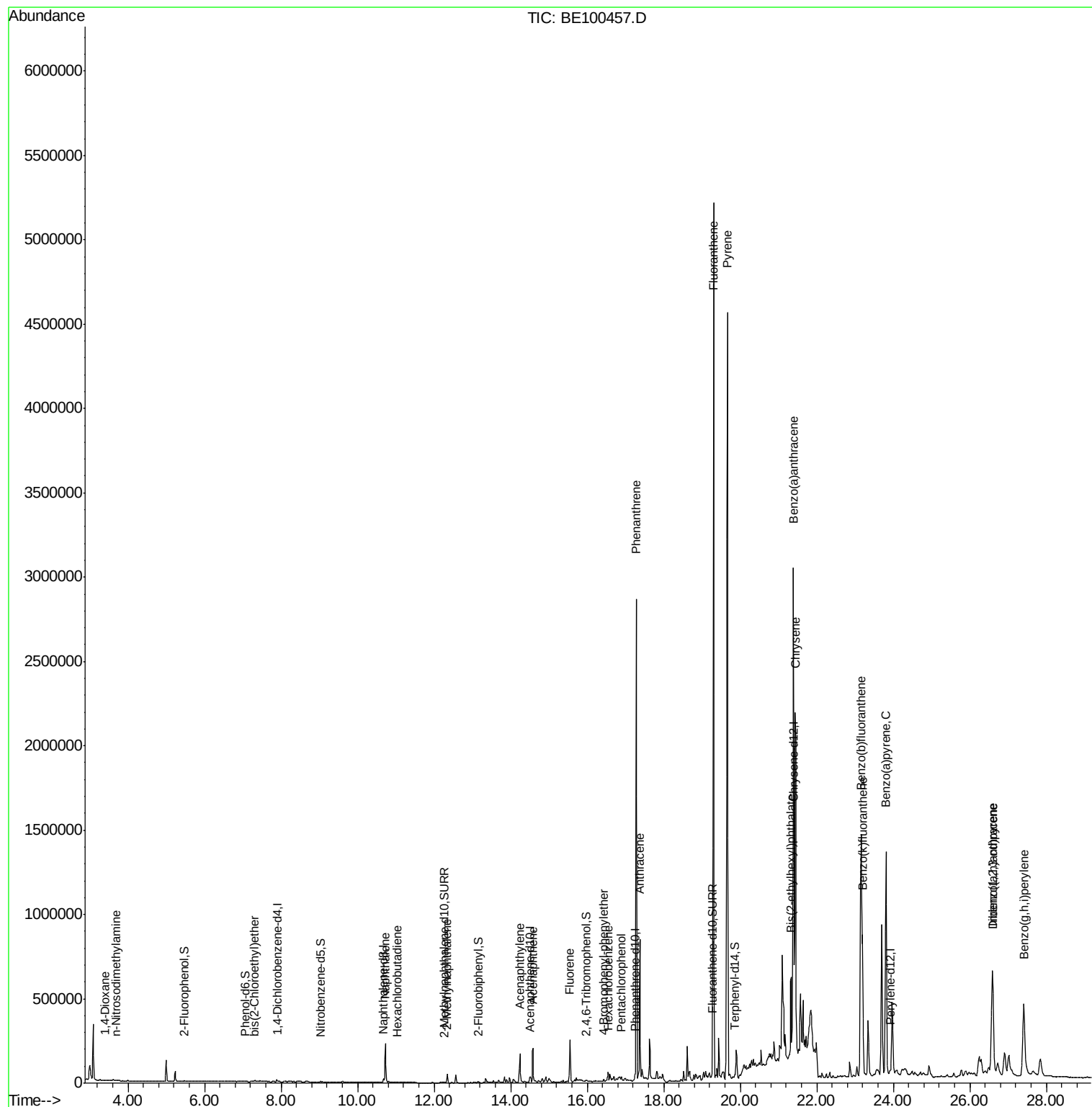
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071719\
Data File : BE100457.D
Acq On : 17 Jul 2019 20:07
Operator : HP/JU
Sample : K3818-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

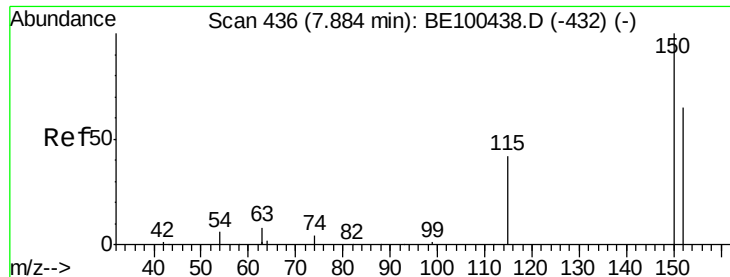
Instrument :
BNA_E
ClientSampleId :
HJDC-COMP3MSD

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#1

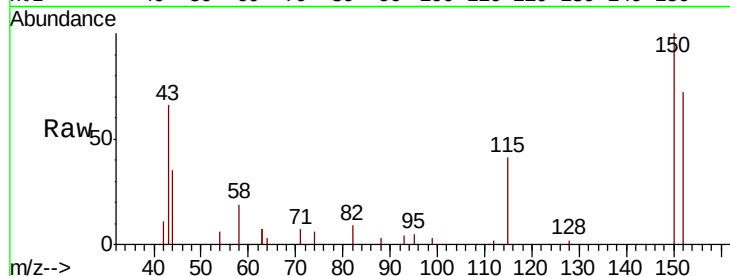
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. 0.01 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.0	121.7	182.5
115	56.1	52.4	78.6

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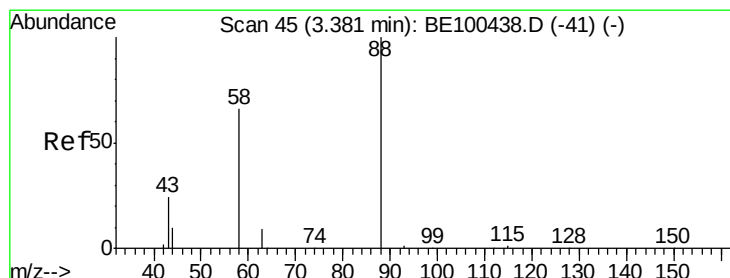
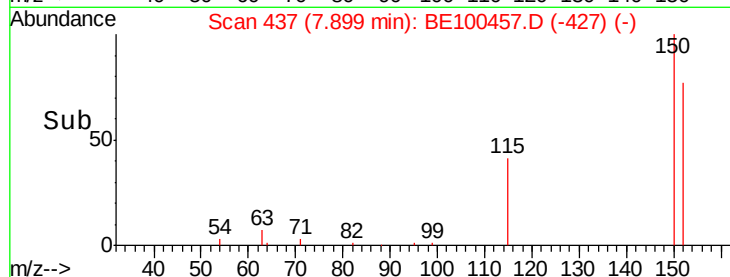
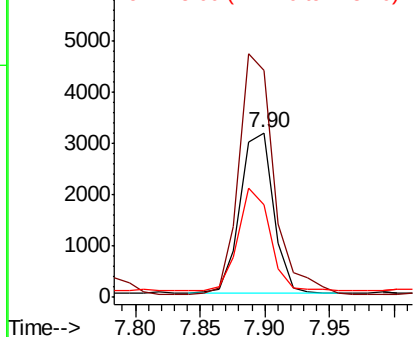


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

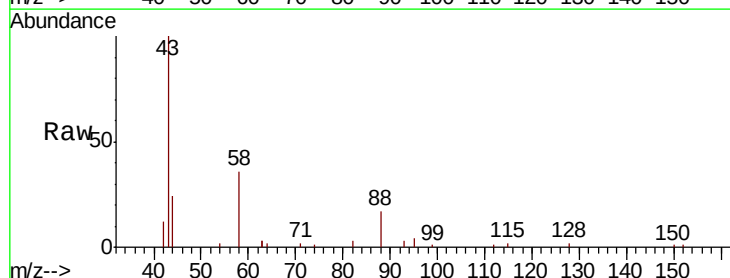
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.052 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	113.5	57.8	86.8#
43	0.0	25.0	37.6#

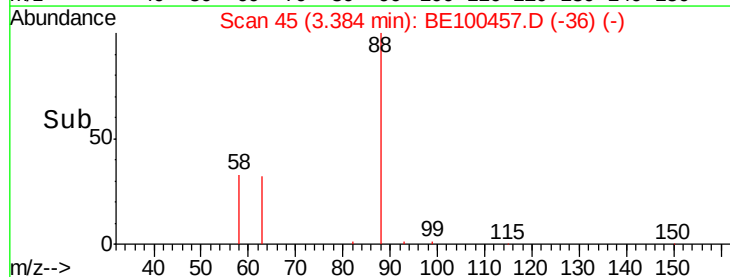
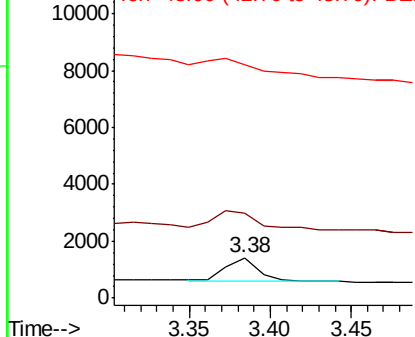


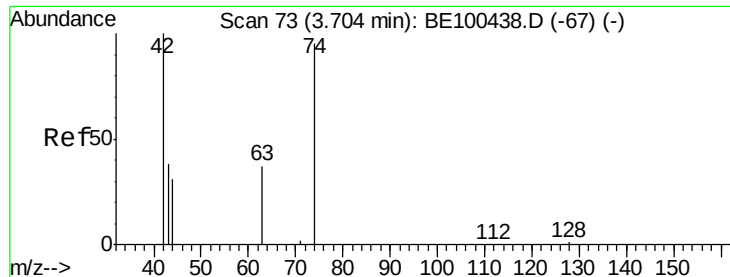
Abundance

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: 0.226 ng

RT: 3.70 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

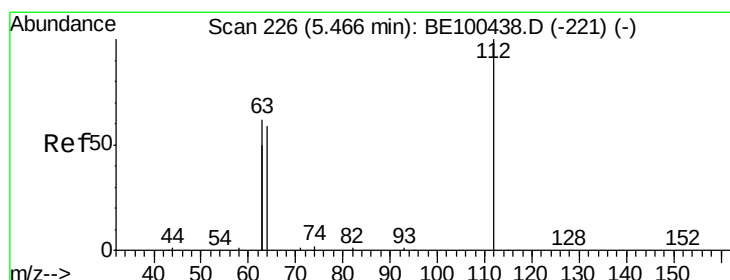
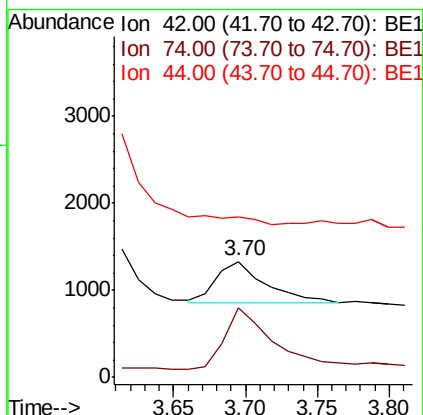
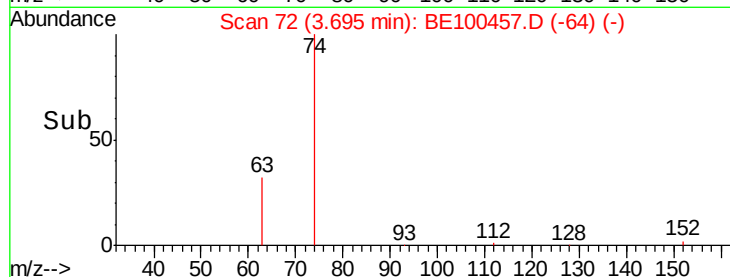
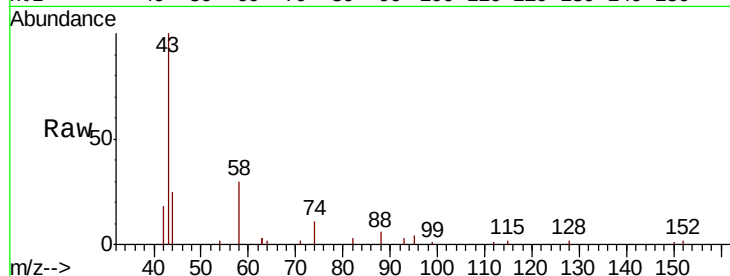
ClientSampleId :

HJDC-COMP3MSD

Tot Ion:	42	Resp:	1090
Ion	Ratio	Lower	Upper
42	100		
74	151.9	85.3	127.9#
44	0.0	21.8	32.8#

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#4

2-Fluorophenol

Concen: 0.261 ng

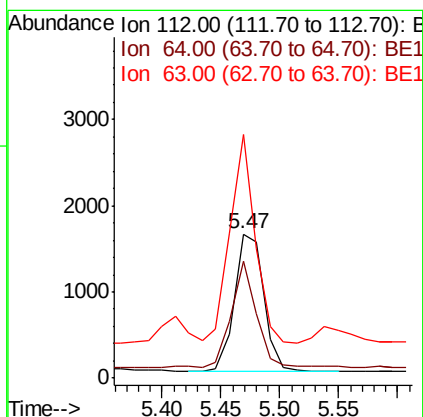
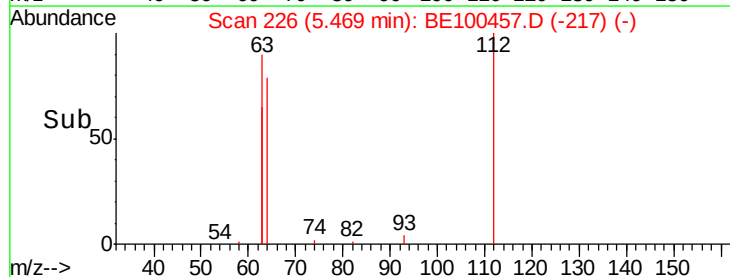
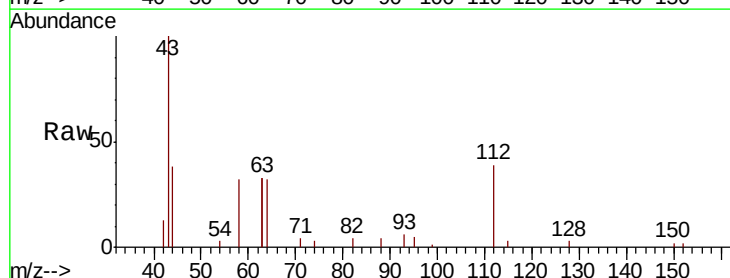
RT: 5.47 min Scan# 226

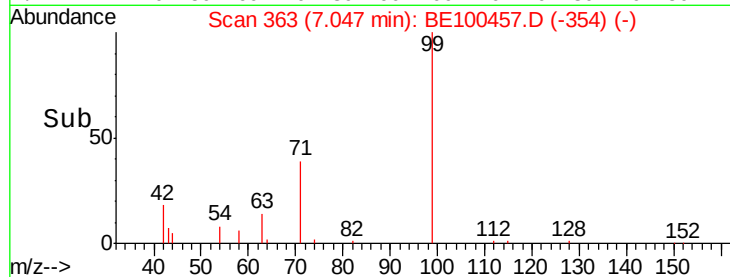
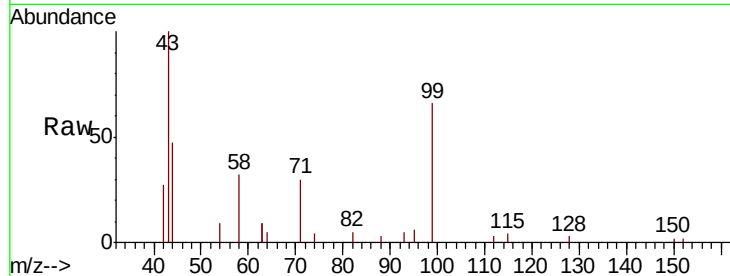
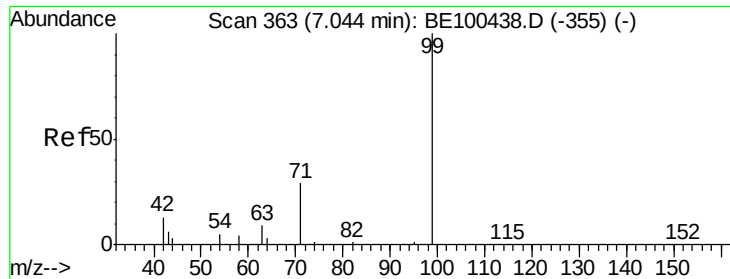
Delta R.T. 0.00 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Tgt Ion:	112	Resp:	2772
Ion	Ratio	Lower	Upper
112	100		
64	66.8	55.0	82.4
63	129.4	114.8	172.2





#5

Phenol-d6

Concen: 0.261 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Tot Ion:	99	Resp:	4095
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.4	26.2
71	40.0	28.2	42.4

Instrument :

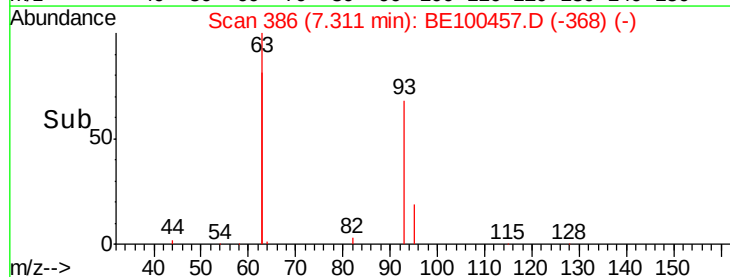
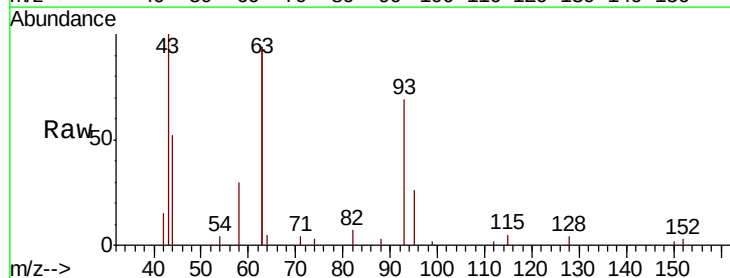
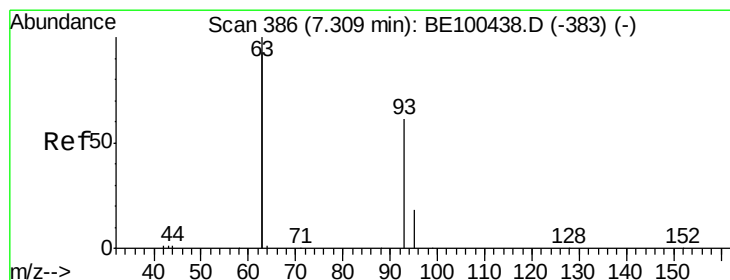
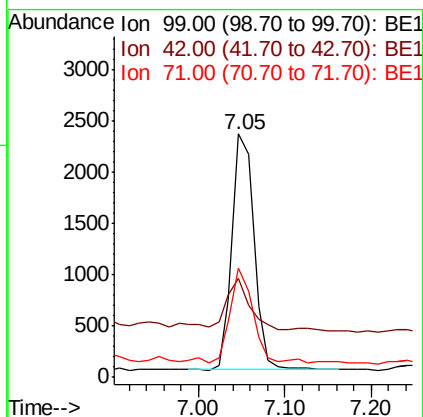
BNA_E

ClientSampleId :

HJDC-COMP3MSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.238 ng

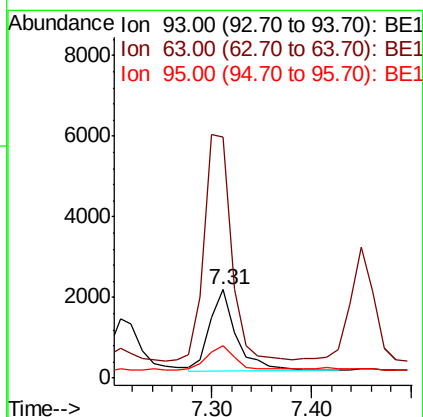
RT: 7.31 min Scan# 386

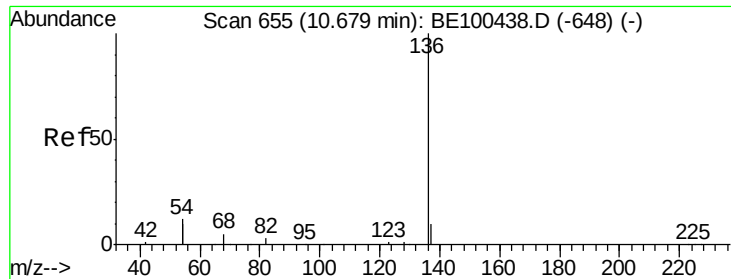
Delta R.T. 0.00 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Tgt Ion:	93	Resp:	3767
Ion	Ratio	Lower	Upper
93	100		
63	281.9	266.9	400.3
95	31.7	26.8	40.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP3MSD

Tot Ion:136 Resp: 24509

Ion Ratio Lower Upper

136 100

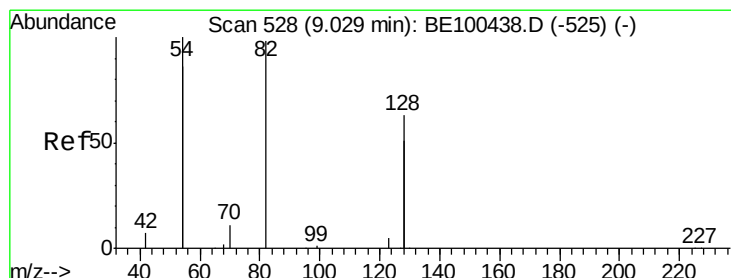
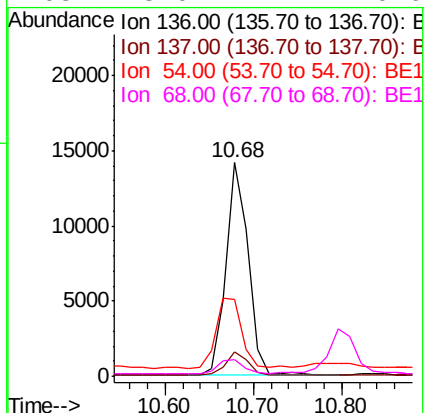
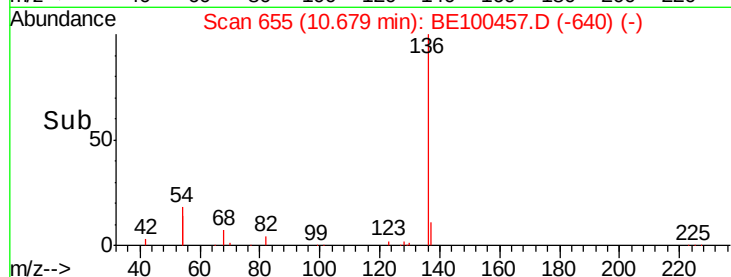
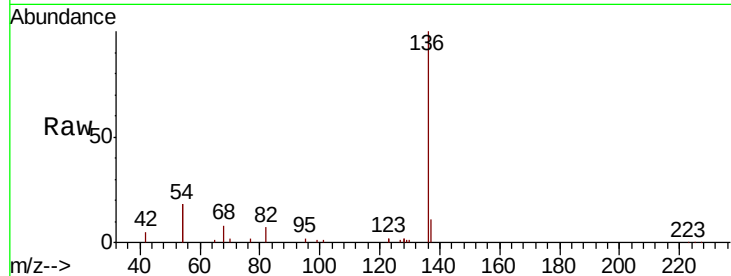
137 11.4 8.7 13.1

54 36.3 19.6 29.4#

68 8.0 4.4 6.6#

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#8

Nitrobenzene-d5

Concen: 0.212 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

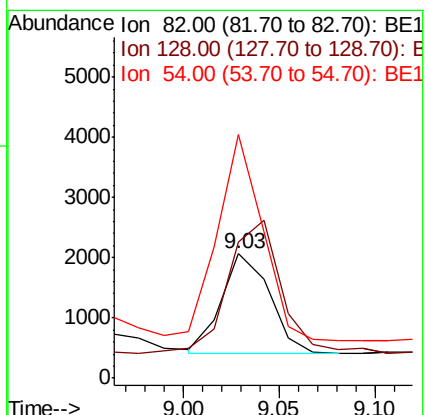
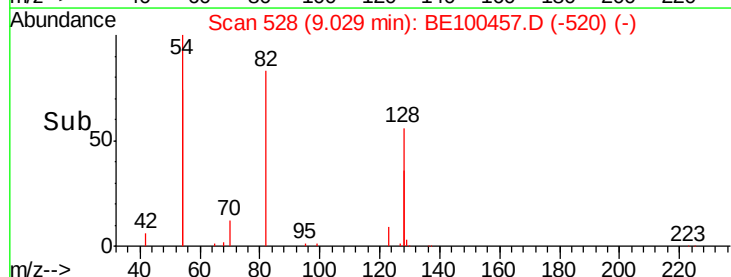
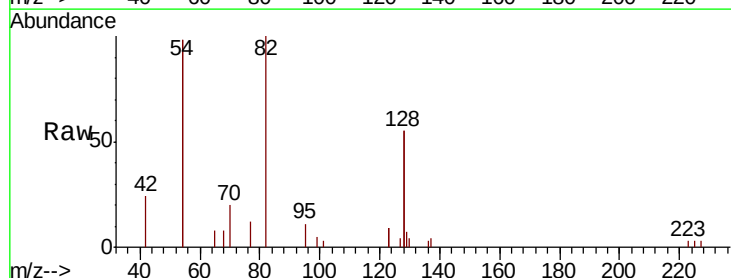
Tgt Ion: 82 Resp: 2862

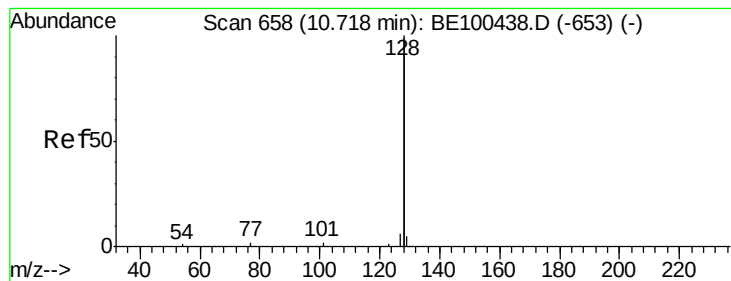
Ion Ratio Lower Upper

82 100

128 110.0 97.9 146.9

54 196.0 155.0 232.6





#9

Naphthalene

Concen: 1.522 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

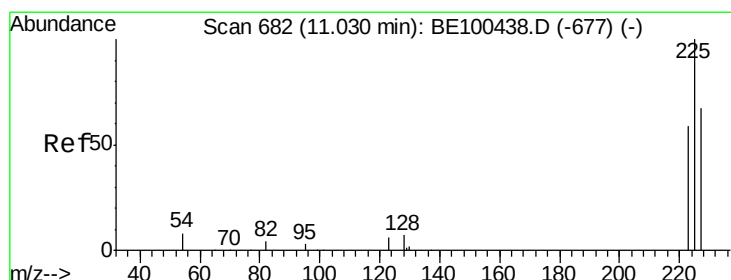
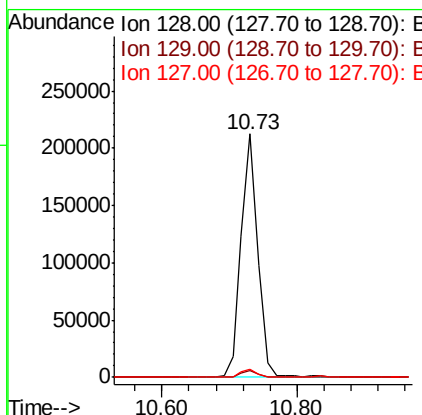
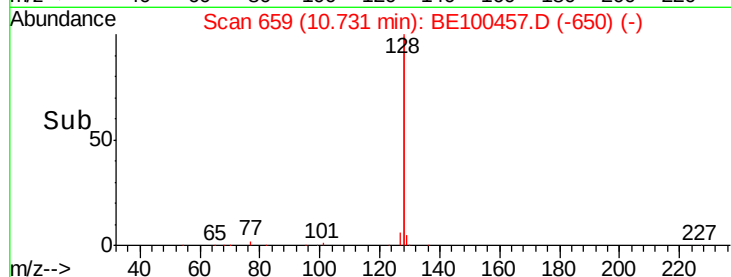
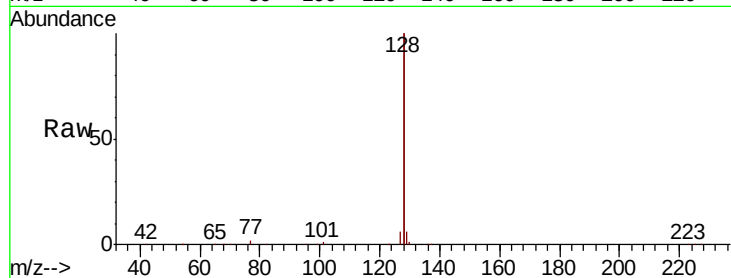
ClientSampleId :

HJDC-COMP3MSD

Tot Ion:	128	Resp:	363400
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.2	3.4
127	3.2	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.157 ng

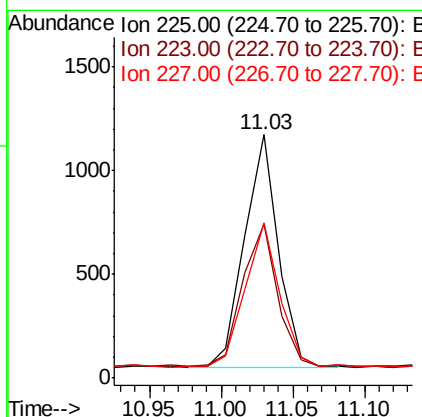
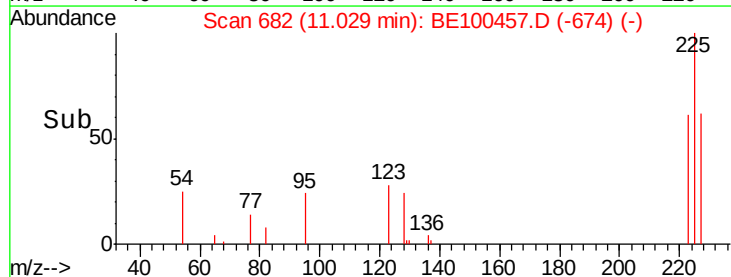
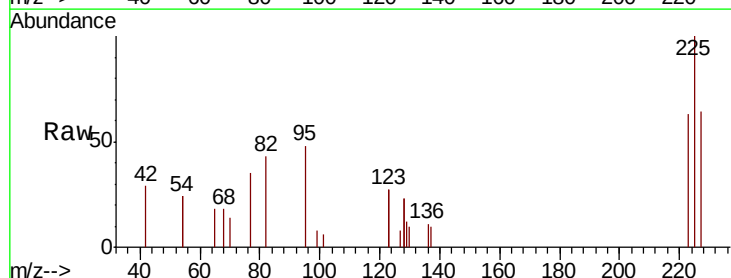
RT: 11.03 min Scan# 682

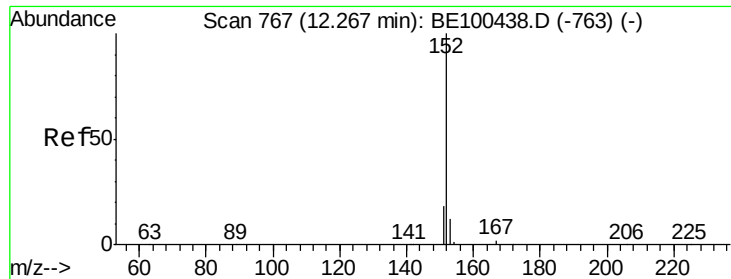
Delta R.T. -0.00 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Tgt Ion:	225	Resp:	1818
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.8	74.8
227	63.7	52.3	78.5





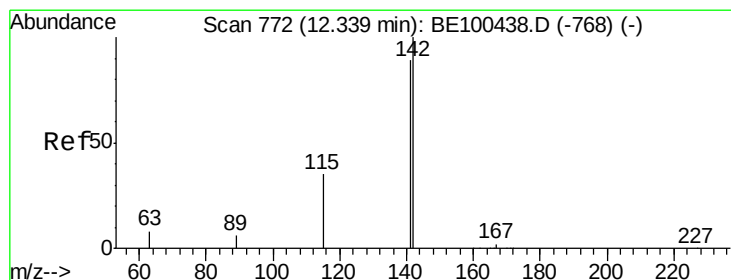
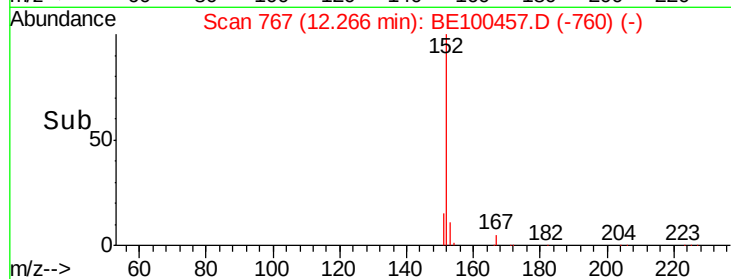
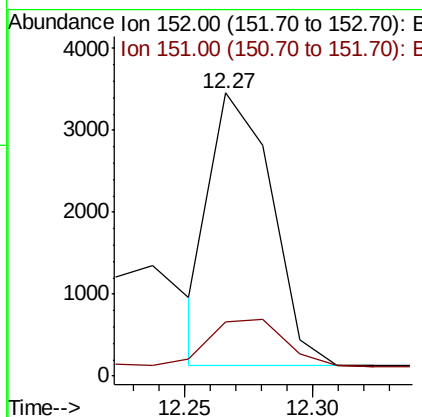
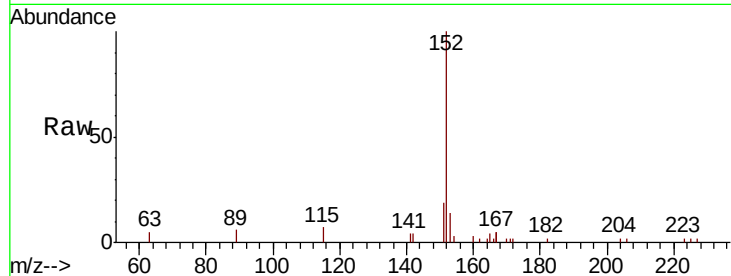
#11
 2-Methylnaphthalene-d10
 Concen: 0.148 ng m
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE100457.D
 Acq: 17 Jul 2019 20:07

Instrument :
 BNA_E
 ClientSampleId :
 HJDC-COMP3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.0	24.0

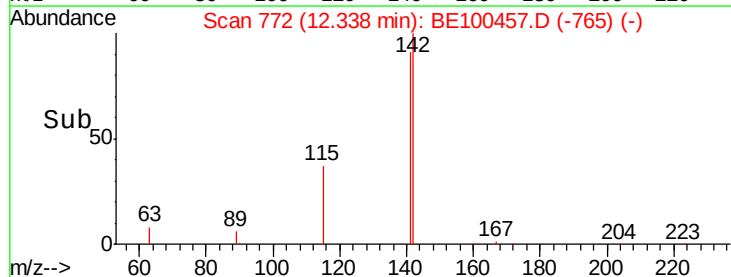
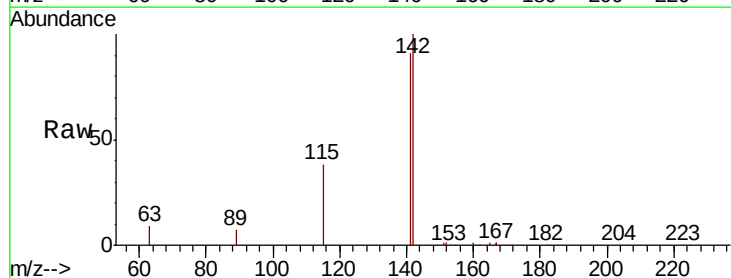
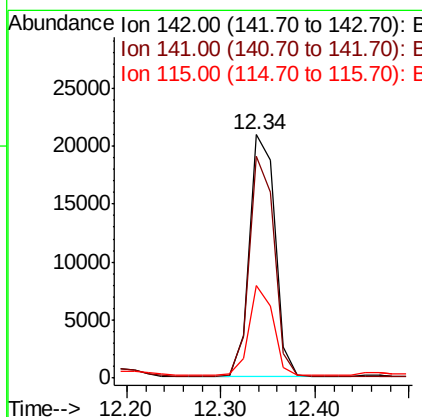
Manual Integrations
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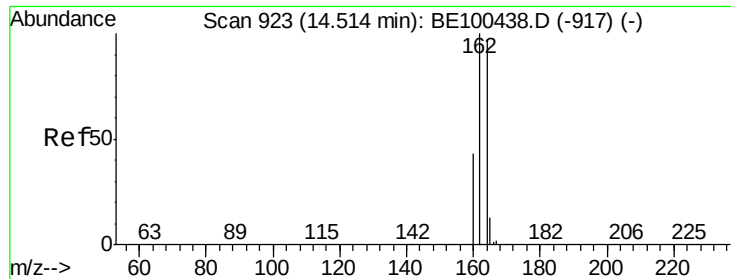
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#12
 2-Methylnaphthalene
 Concen: 0.993 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE100457.D
 Acq: 17 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.9	106.3
115	37.9	29.0	43.4





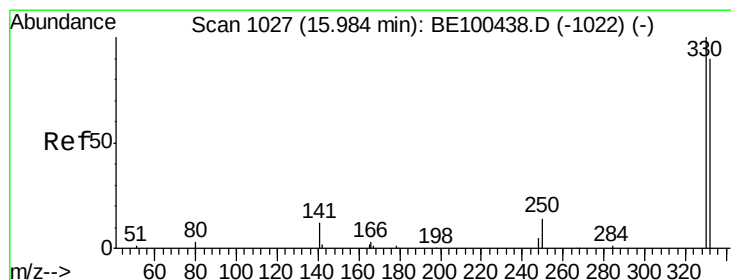
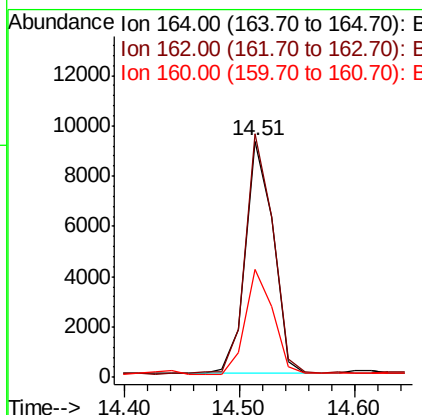
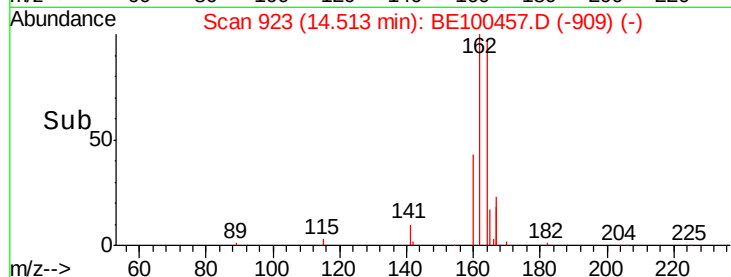
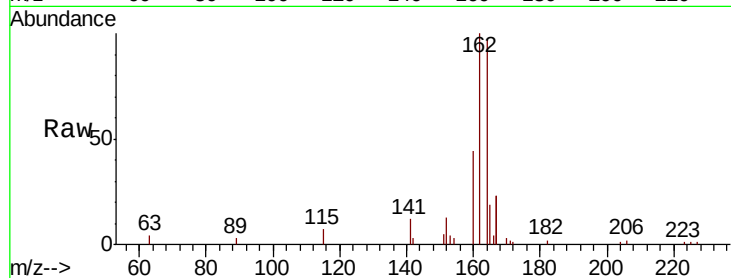
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP3MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	45.6	35.6	53.4

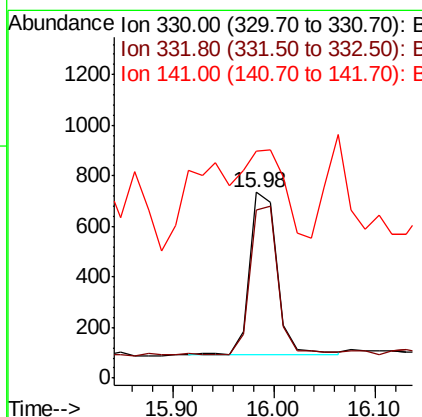
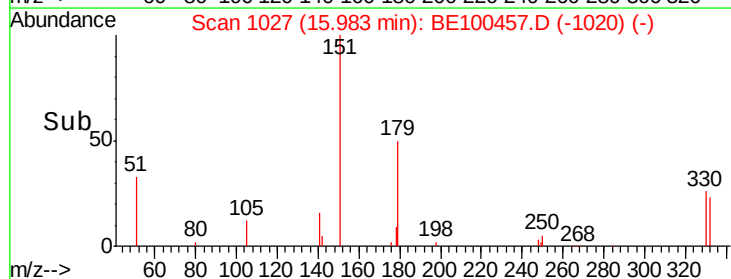
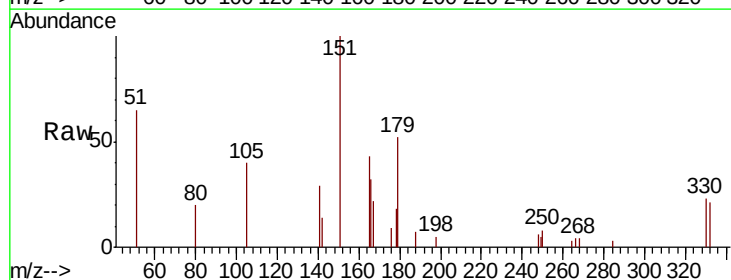
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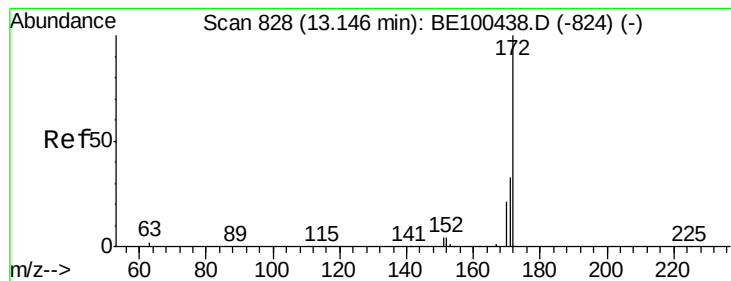
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#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	90.3	76.3	114.5
141	81.8	28.1	42.1#





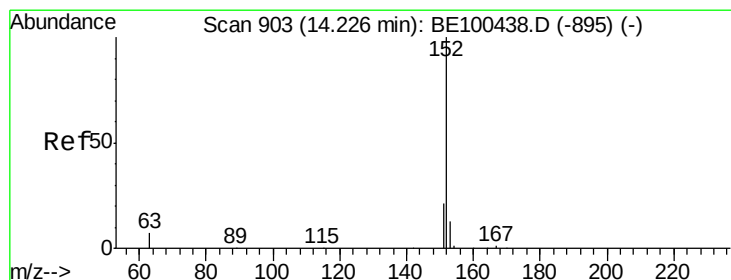
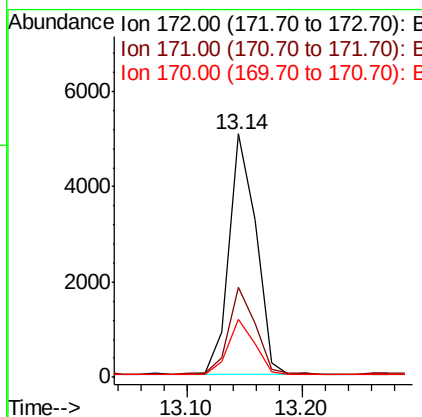
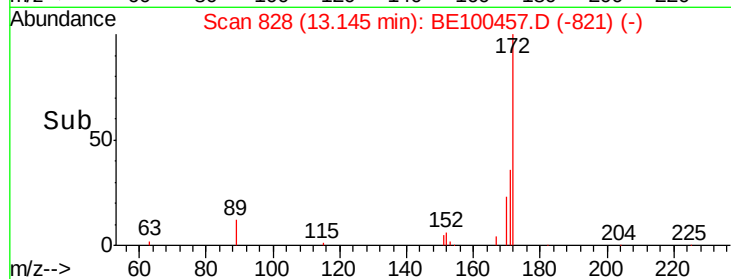
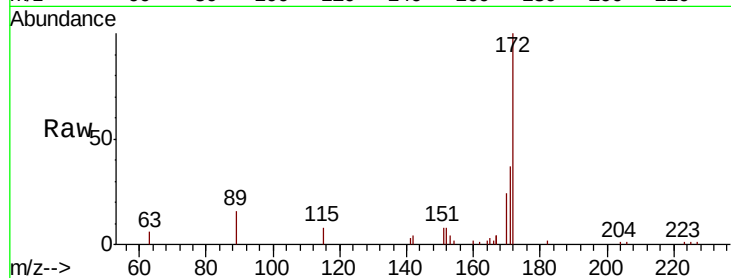
#15
2-Fluorobiphenyl
Concen: 0.117 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP3MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	27.0	40.4
170	23.8	17.4	26.0

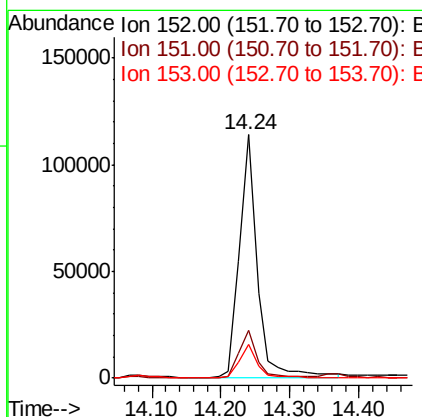
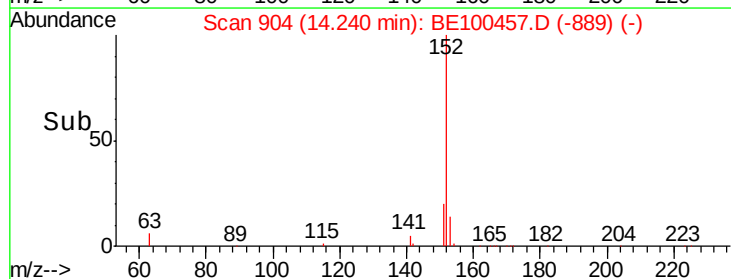
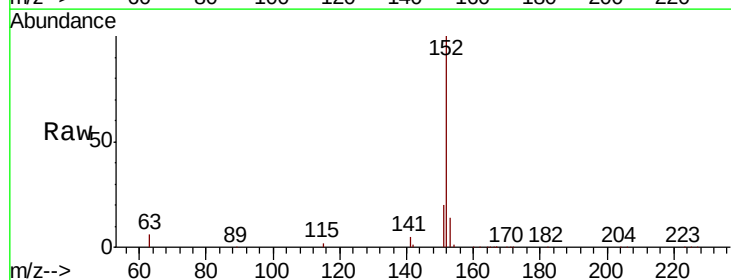
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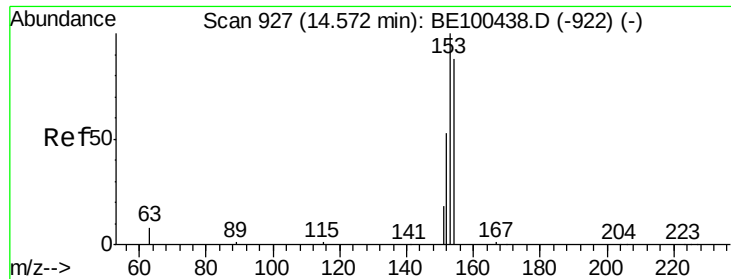
mohammad
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#16
Acenaphthylene
Concen: 3.232 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.01 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.8	10.4	15.6





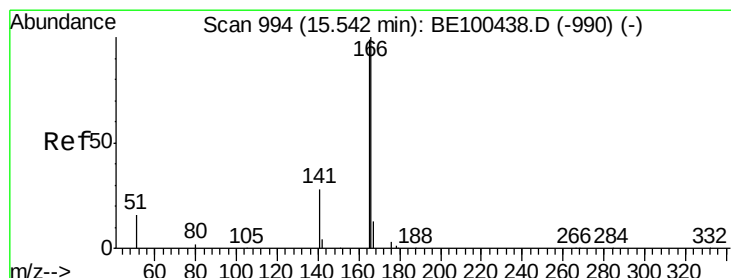
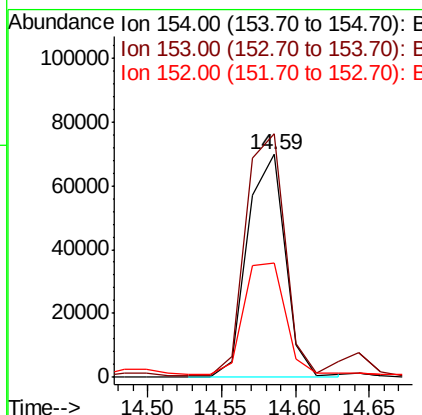
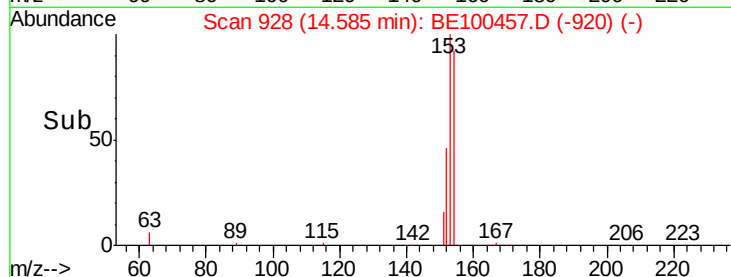
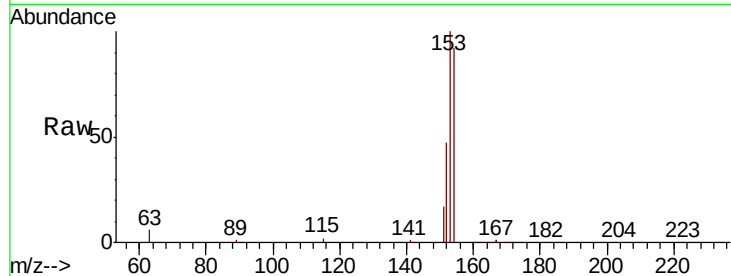
#17
Acenaphthene
Concen: 2.839 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.01 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP3MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.9	91.0	136.4
152	54.9	49.4	74.2

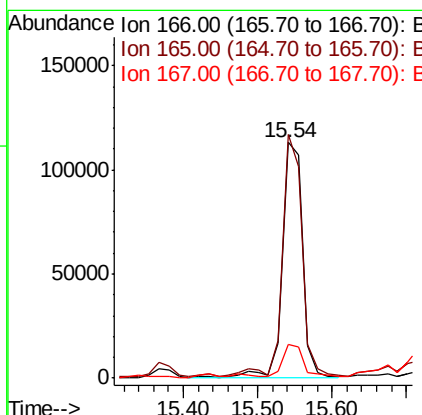
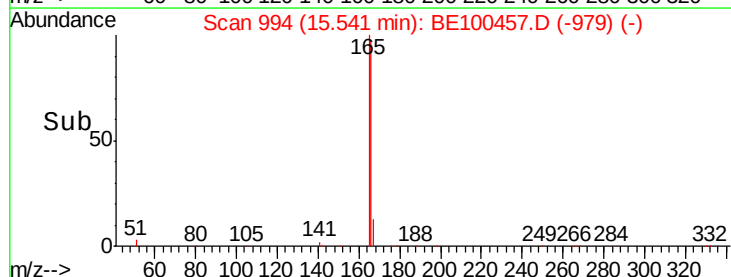
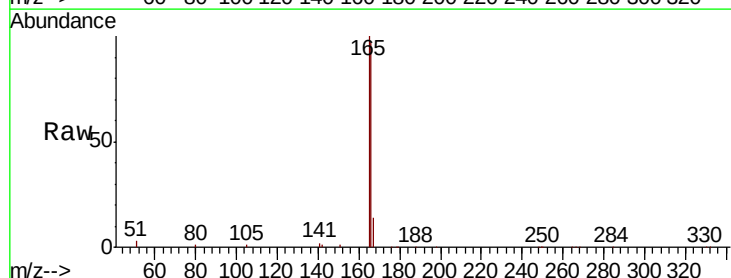
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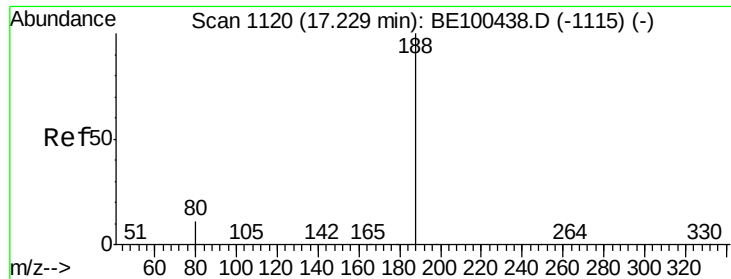
mohammad
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#18
Fluorene
Concen: 3.777 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.6	119.4
167	14.5	10.6	15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

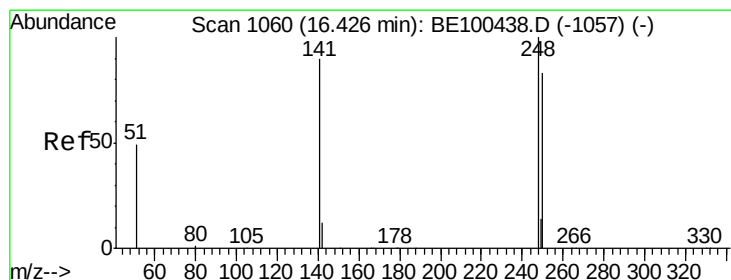
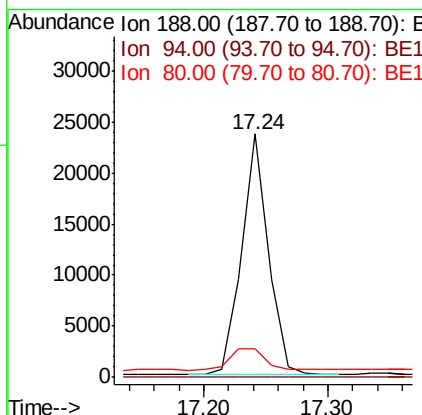
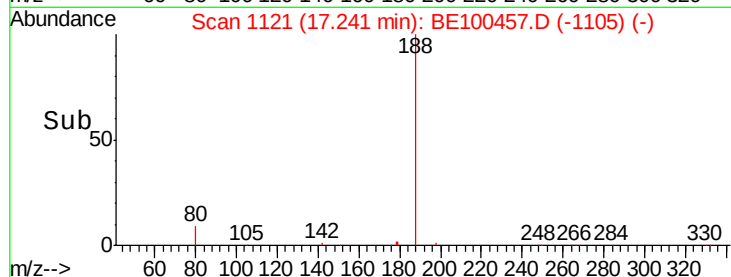
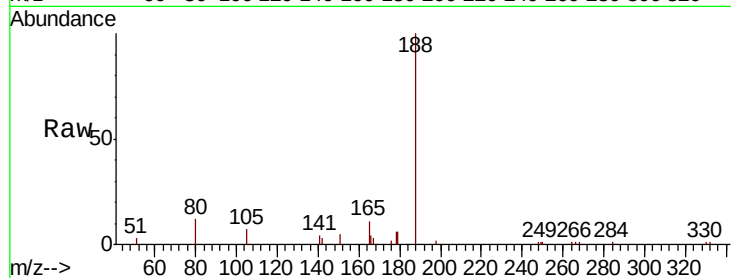
ClientSampleId :

HJDC-COMP3MSD

Tot Ion:	188	Resp:	35001
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.7	9.2	13.8

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#20

4-Bromophenyl-phenylether

Concen: 0.157 ng

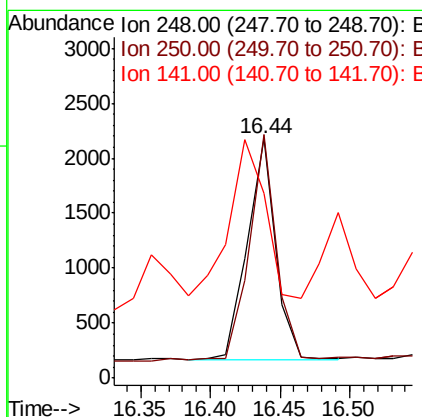
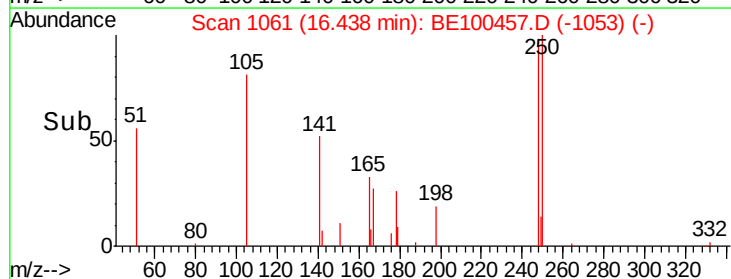
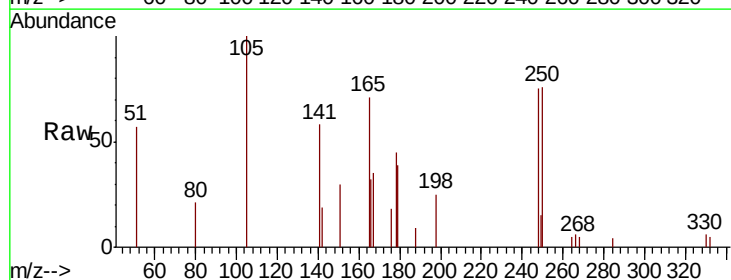
RT: 16.44 min Scan# 1061

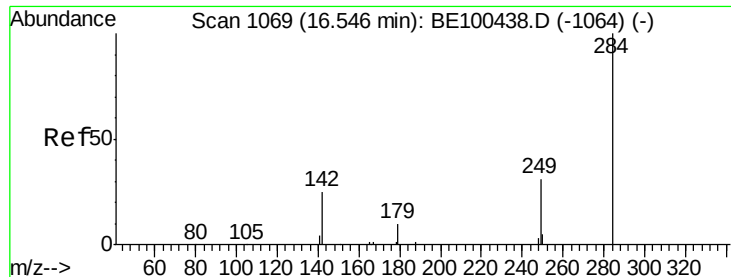
Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Tgt Ion:	248	Resp:	2866
Ion Ratio	Lower	Upper	
248	100		
250	101.6	67.1	100.7#
141	77.2	72.2	108.2





#21

Hexachlorobenzene

Concen: 0.130 ng

RT: 16.56 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

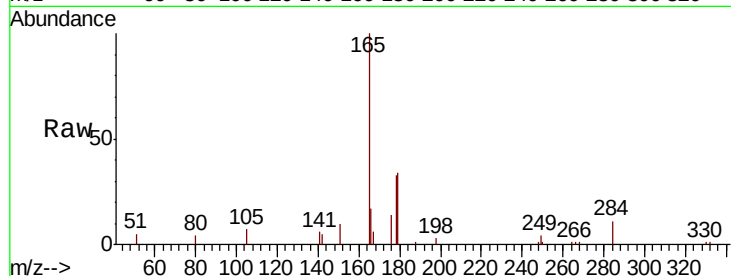
ClientSampleId :

HJDC-COMP3MSD

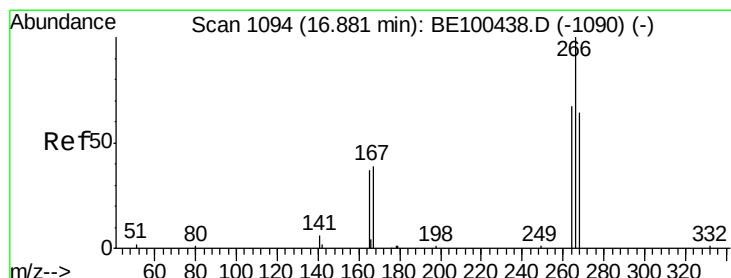
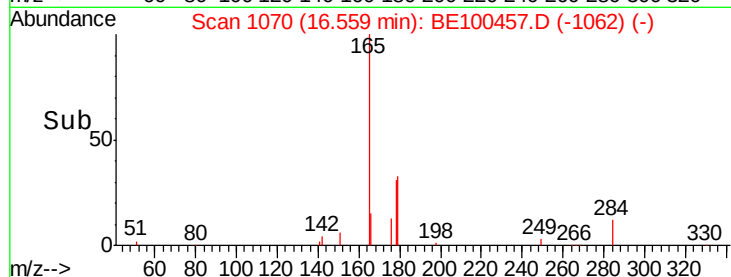
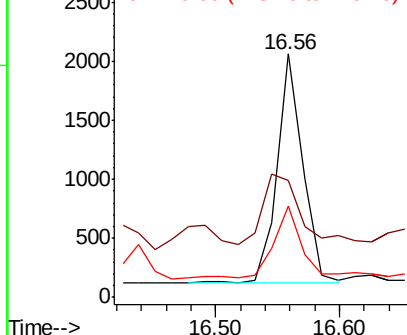
Tot Ion:	284	Resp:	2779
Ion Ratio	Lower	Upper	
284	100		
142	40.9	25.6	38.4#
249	33.7	25.1	37.7

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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: 0.934 ng

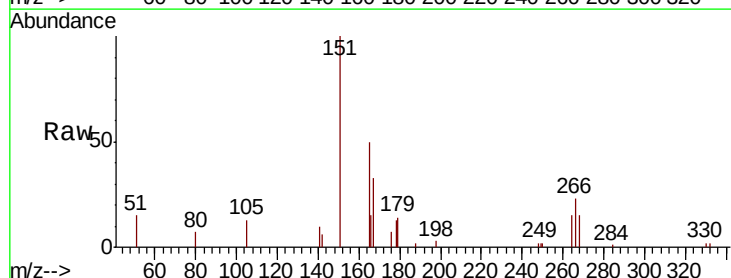
RT: 16.89 min Scan# 1095

Delta R.T. 0.01 min

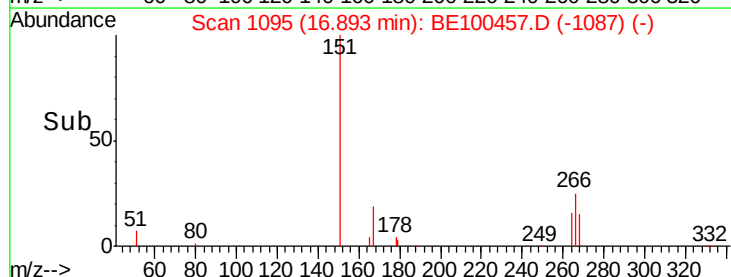
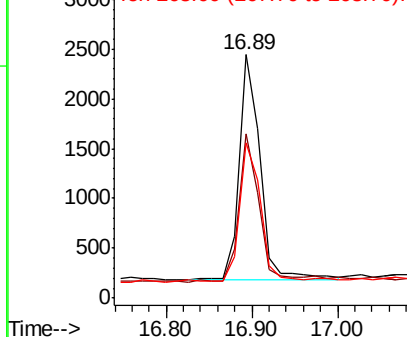
Lab File: BE100457.D

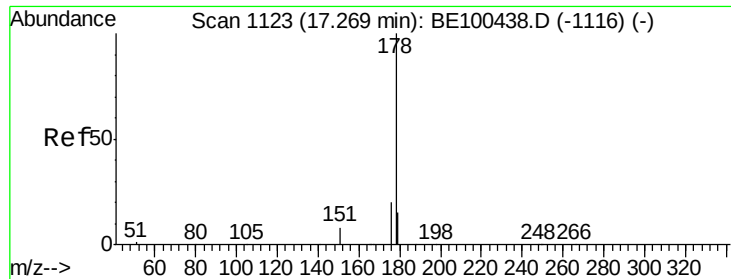
Acq: 17 Jul 2019 20:07

Tgt Ion:	266	Resp:	3807
Ion Ratio	Lower	Upper	
266	100		
264	67.4	56.2	84.2
268	63.5	54.9	82.3



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: 32.572 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP3MSD

Tot Ion:178 Resp: 3037639

Ion Ratio Lower Upper

178 100

176 20.6 15.5 23.3

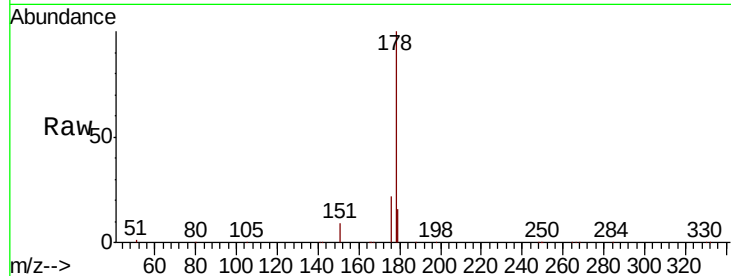
179 16.2 12.4 18.6

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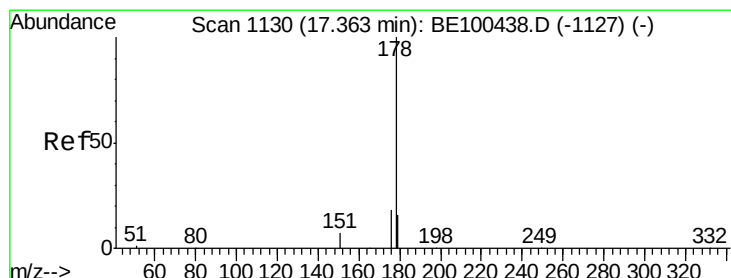
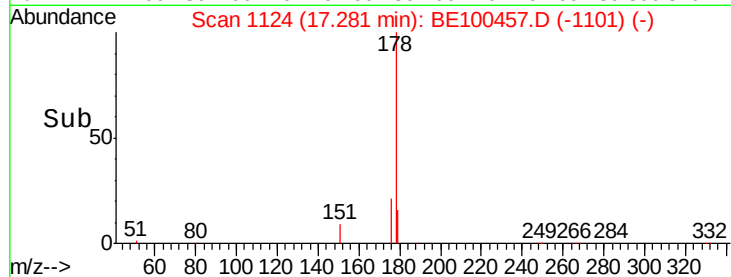
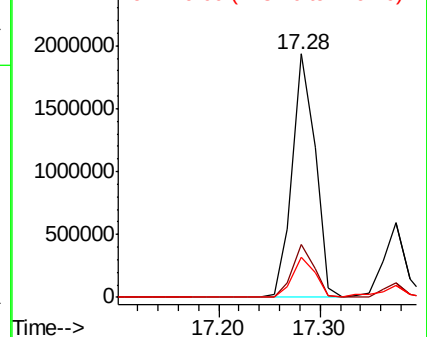


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 11.001 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Tgt Ion:178 Resp: 846747

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

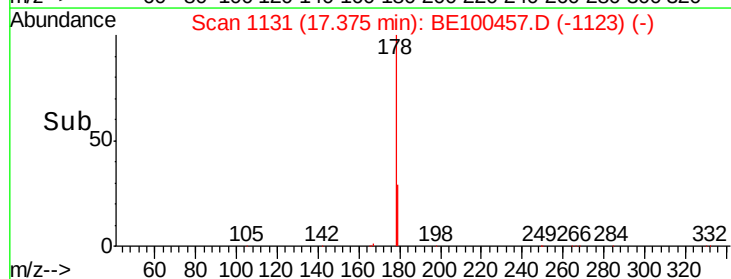
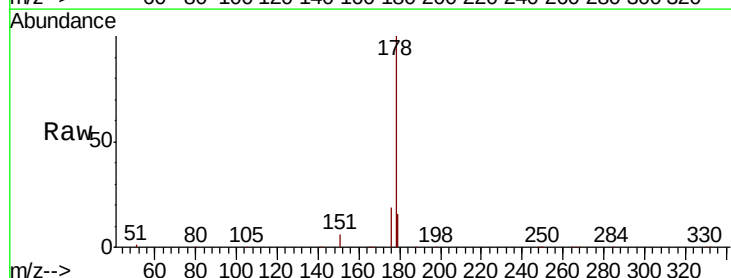
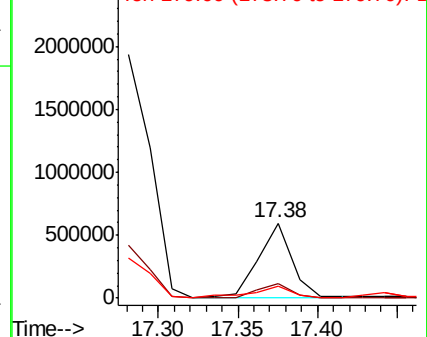
179 17.8 12.3 18.5

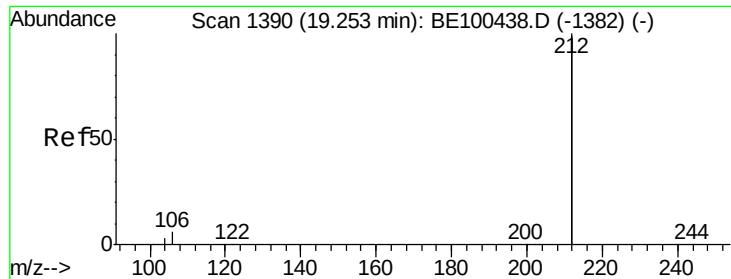
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.153 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

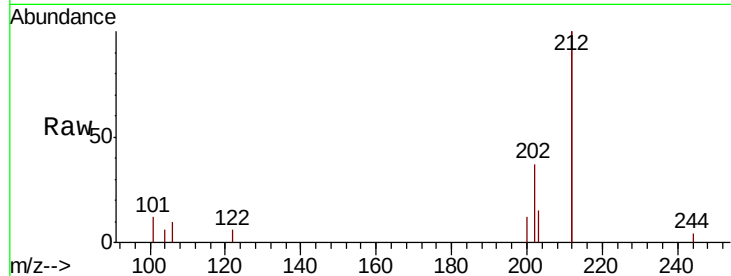
ClientSampleId :

HJDC-COMP3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
212	100		63936		
106	3.1	2.6	3.8		
104	2.0	1.4	2.2		

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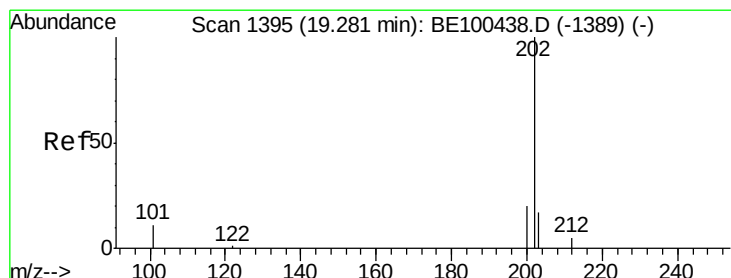
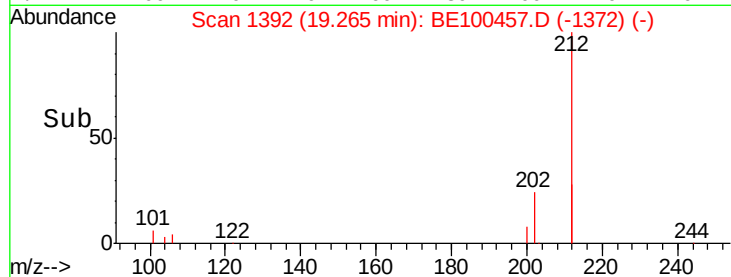
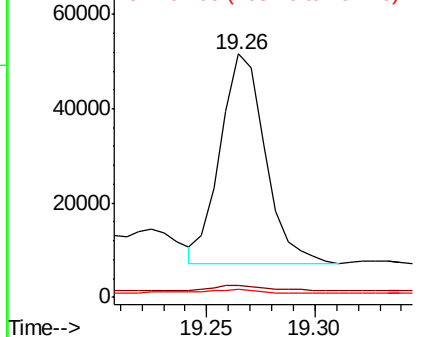


Abundance

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: 41.520 ng

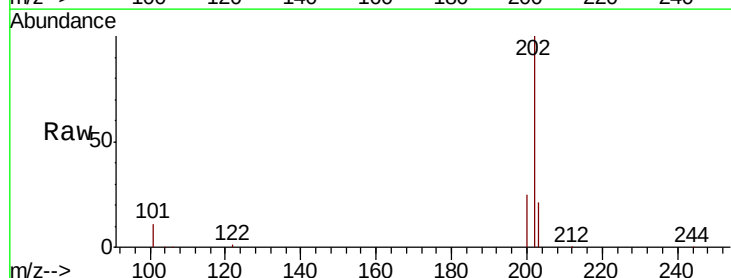
RT: 19.30 min Scan# 1398

Delta R.T. 0.02 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		4921239		
101	11.0	8.9	13.3		
203	19.6	13.8	20.6		

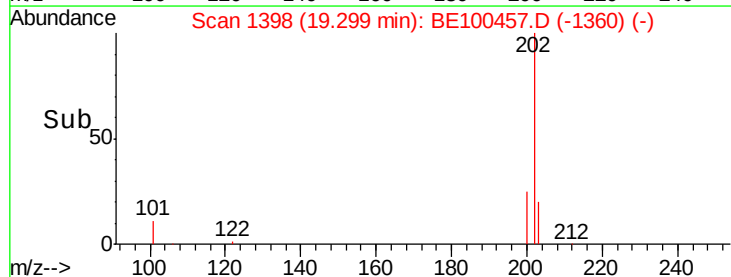
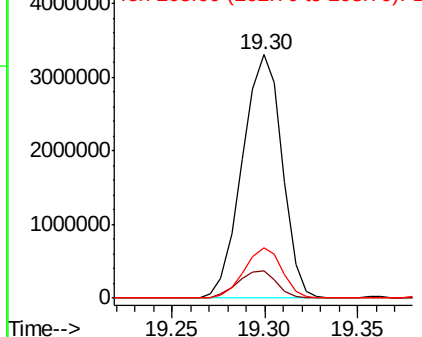


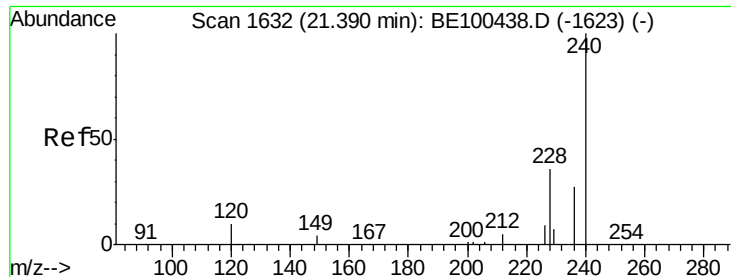
Abundance

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. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

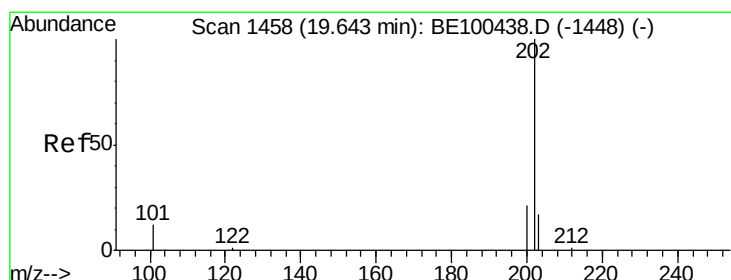
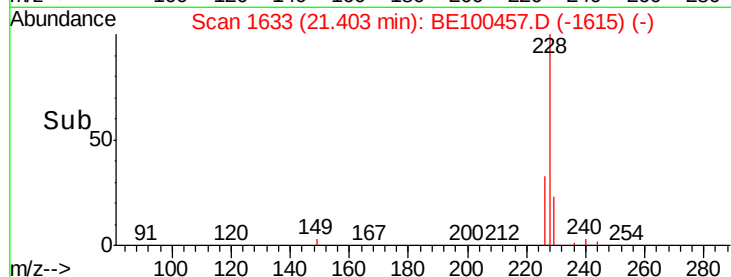
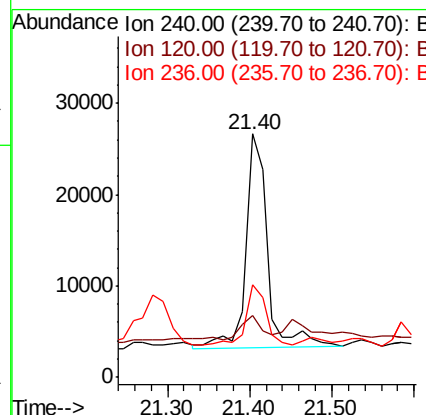
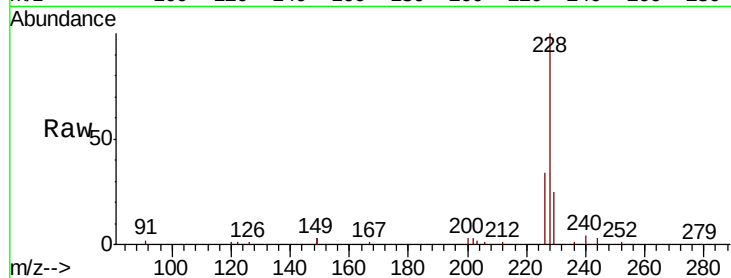
ClientSampleId :

HJDC-COMP3MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	25.6	8.8	13.2#
236	38.1	22.0	33.0#

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#28

Pyrene

Concen: 35.932 ng

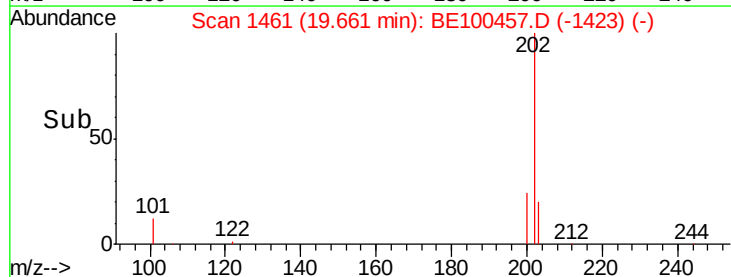
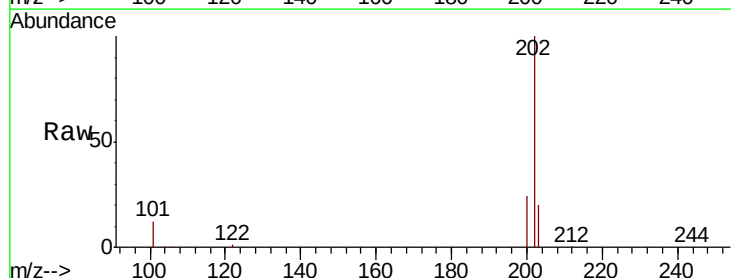
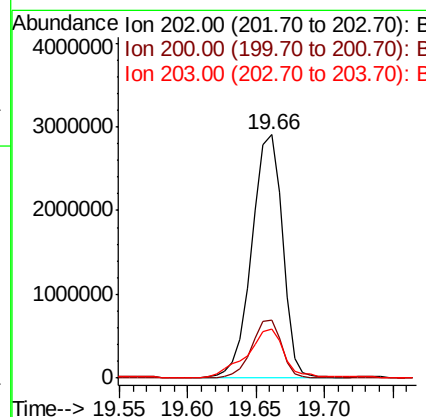
RT: 19.66 min Scan# 1461

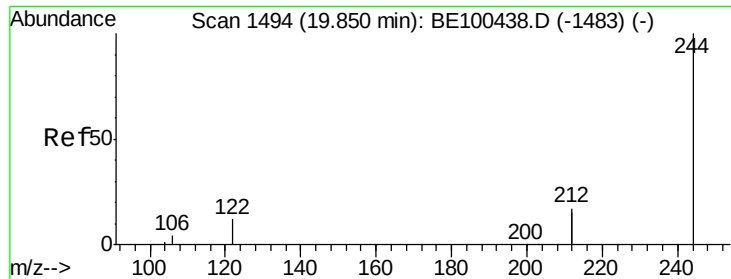
Delta R.T. 0.02 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.8	25.2
203	24.3	13.8	20.8#





#29

Terphenyl-d14

Concen: 0.135 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP3MSD

Tot Ion:244 Resp: 14223

Ion Ratio Lower Upper

244 100

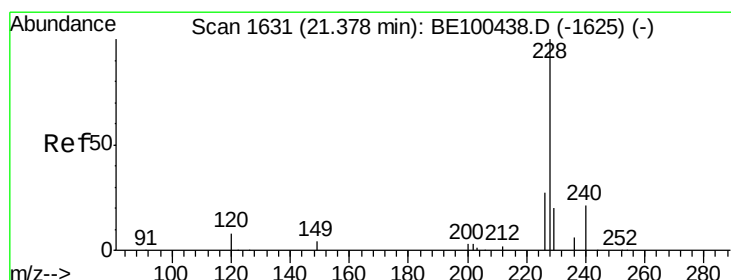
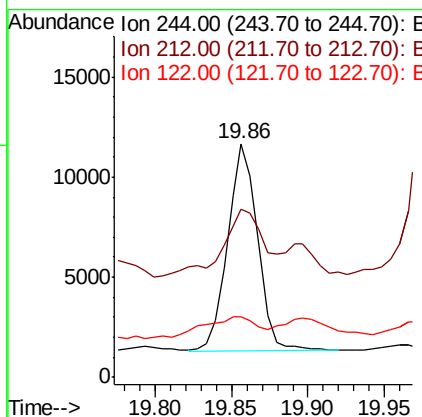
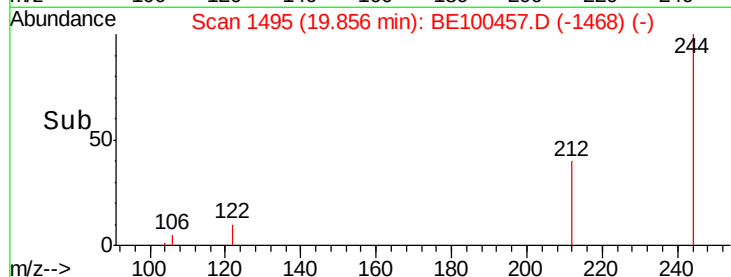
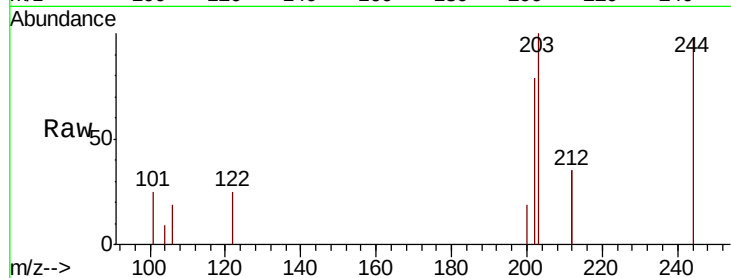
212 72.1 26.3 39.5#

122 26.1 9.4 14.2#

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#30

Benzo(a)anthracene

Concen: 23.595 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

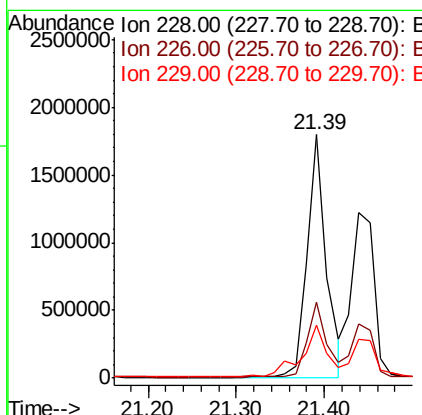
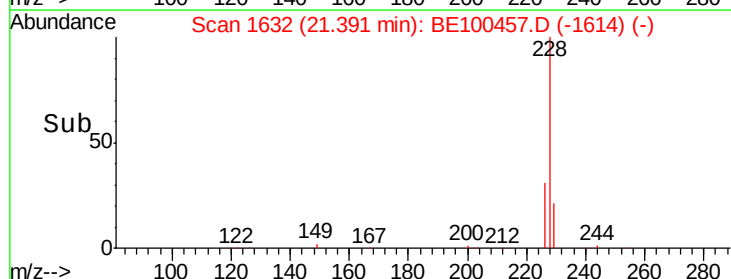
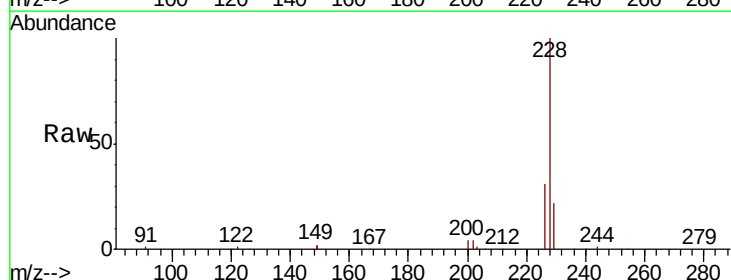
Tgt Ion:228 Resp: 2746695

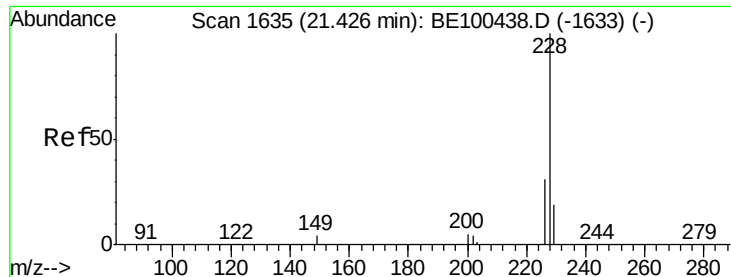
Ion Ratio Lower Upper

228 100

226 31.2 21.6 32.4

229 22.0 15.8 23.8





#31

Chrysene

Concen: 15.505 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP3MSD

Tot Ion:228 Resp: 2143428

Ion Ratio Lower Upper

228 100

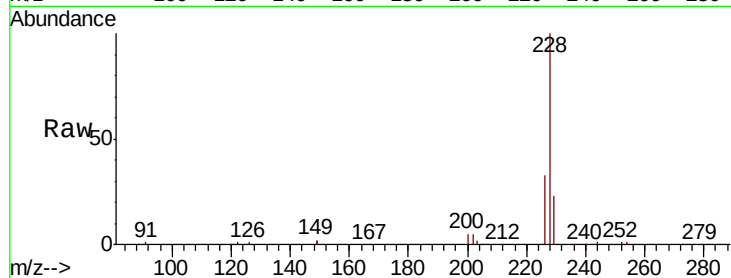
226 32.9 24.8 37.2

229 23.2 15.8 23.6

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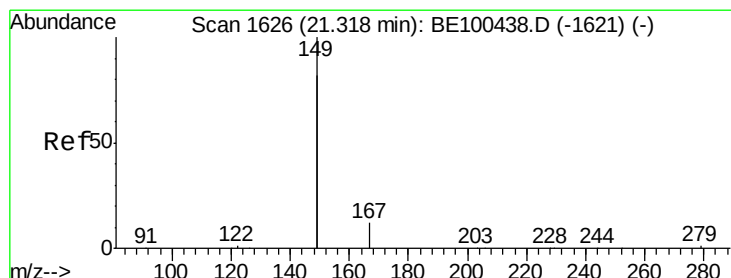
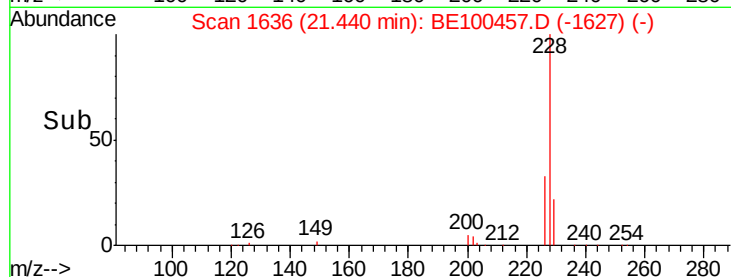
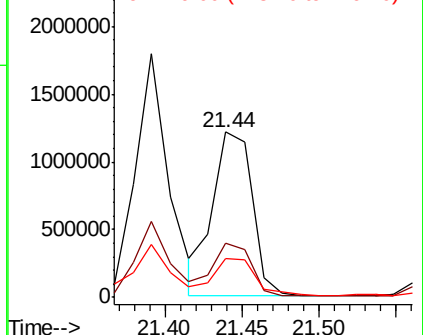


Abundance

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: 7.743 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

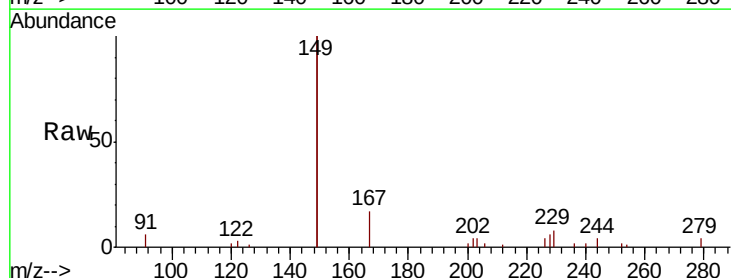
Tgt Ion:149 Resp: 646505

Ion Ratio Lower Upper

149 100

167 7.3 5.0 7.6

279 1.2 1.2 1.8#

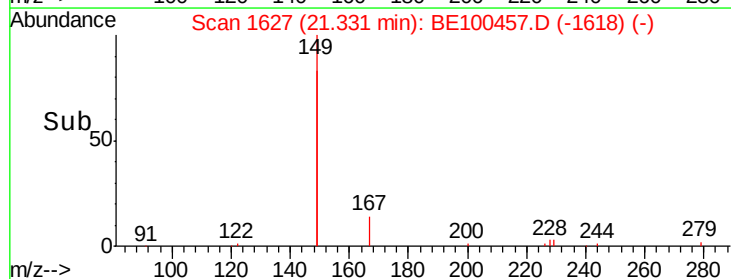
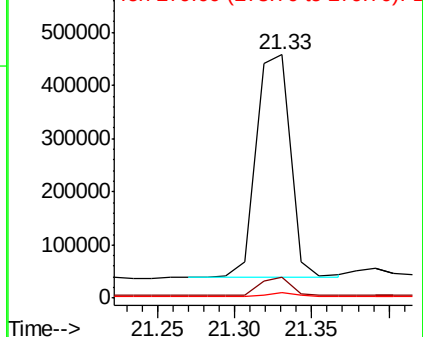


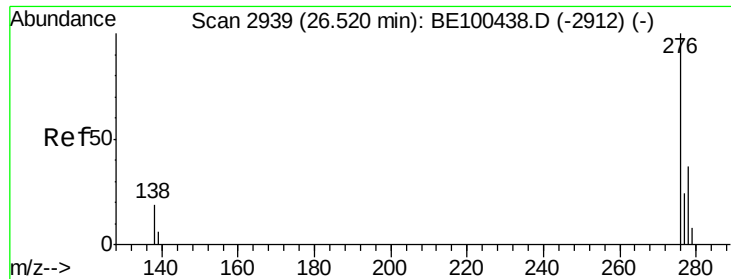
Abundance

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





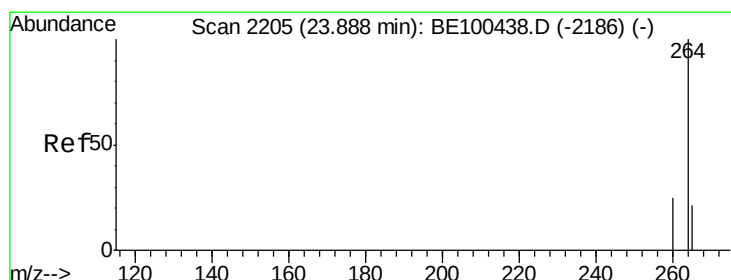
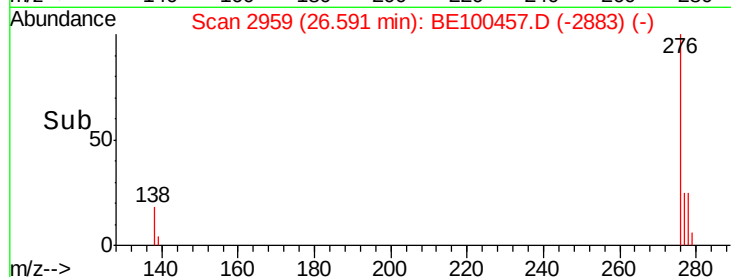
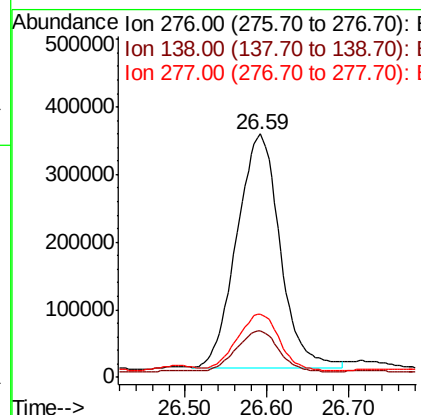
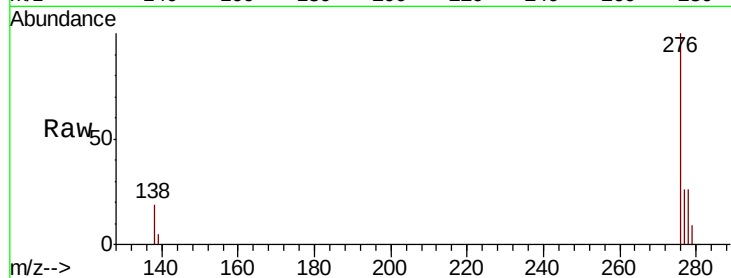
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 10.257 ng
 RT: 26.59 min Scan# 2959
 Delta R.T. 0.07 min
 Lab File: BE100457.D
 Acq: 17 Jul 2019 20:07

Instrument :
 BNA_E
 ClientSampleId :
 HJDC-COMP3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.0	25.6
277	23.9	19.8	29.6

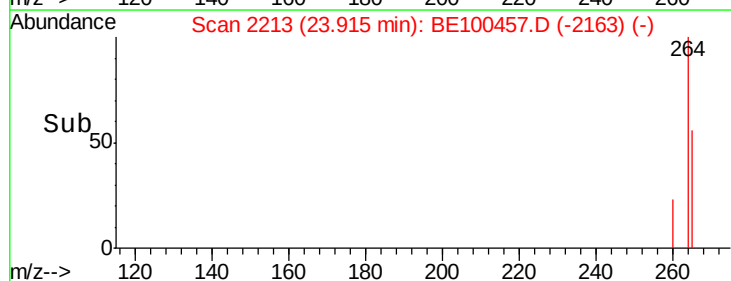
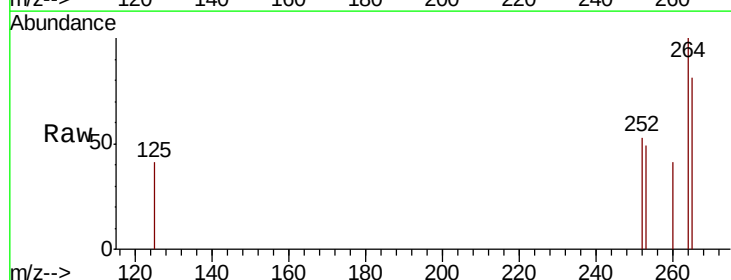
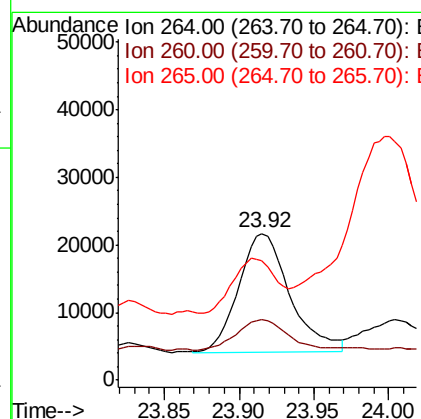
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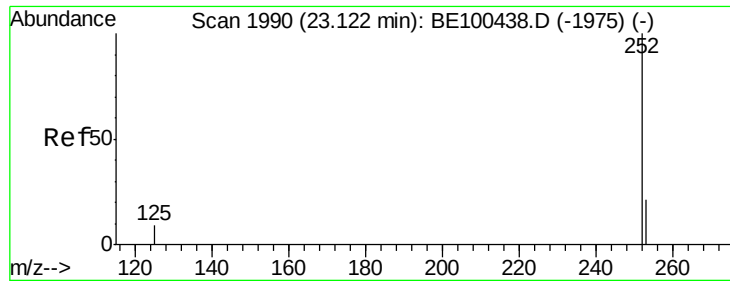
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2213
 Delta R.T. 0.03 min
 Lab File: BE100457.D
 Acq: 17 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	41.2	20.0	30.0#
265	81.5	22.2	33.4#





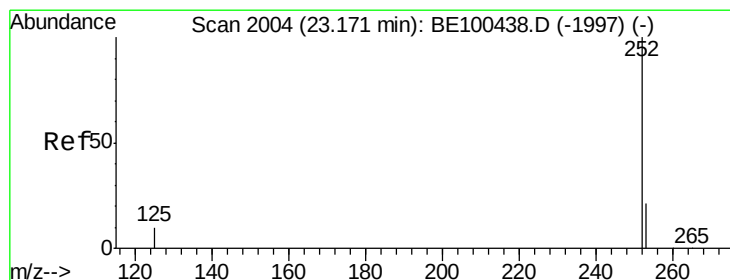
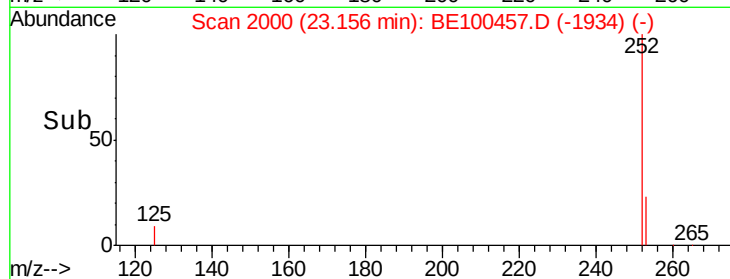
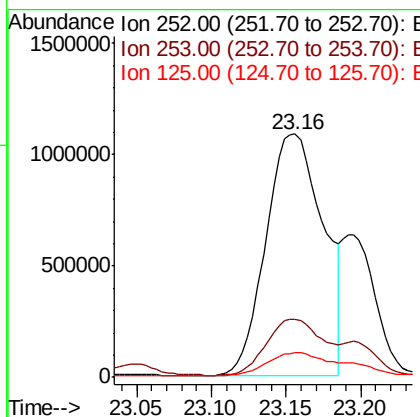
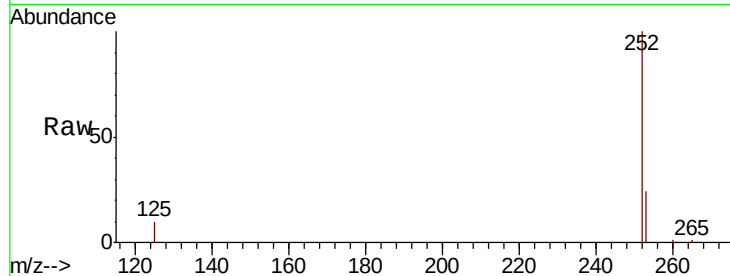
#35
Benzo(b)fluoranthene
Concen: 22.564 ng
RT: 23.16 min Scan# 2000
Delta R.T. 0.03 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	10.0	8.0	12.0

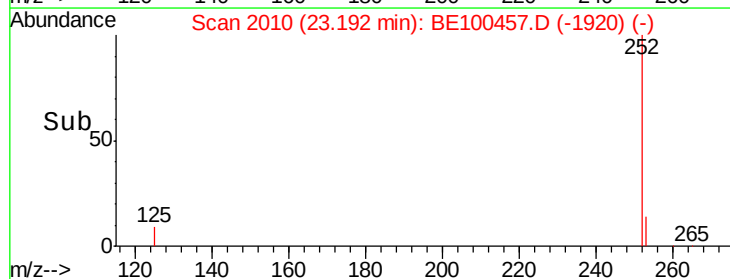
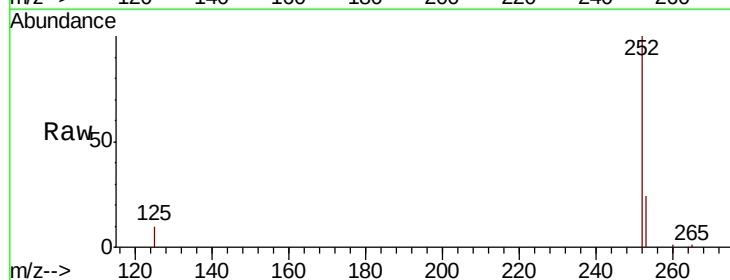
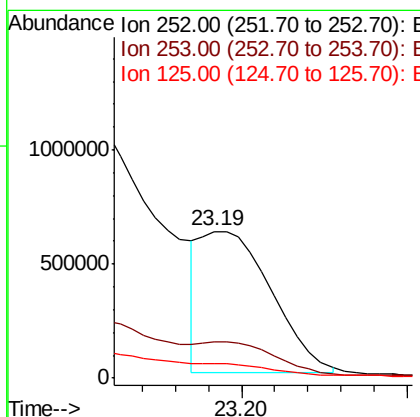
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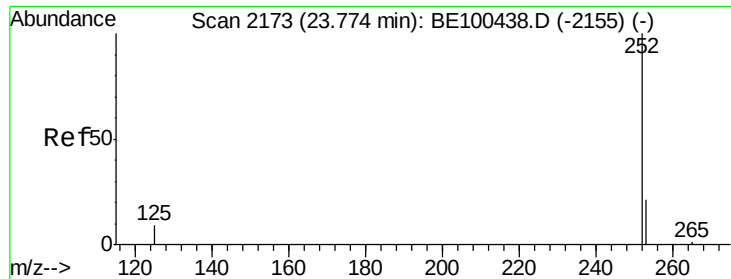
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#36
Benzo(k)fluoranthene
Concen: 6.701 ng m
RT: 23.19 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	10.3	8.3	12.5





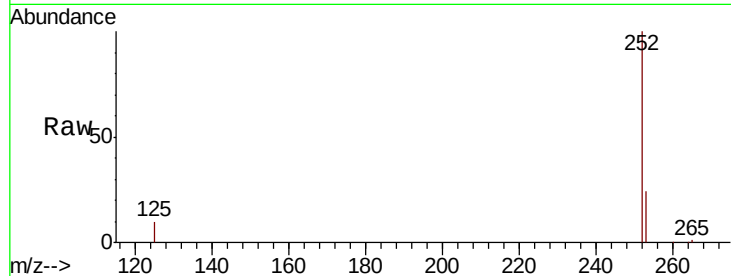
#37
Benzo(a)pyrene
Concen: 20.853 ng
RT: 23.81 min Scan# 2183
Delta R.T. 0.03 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP3MSD

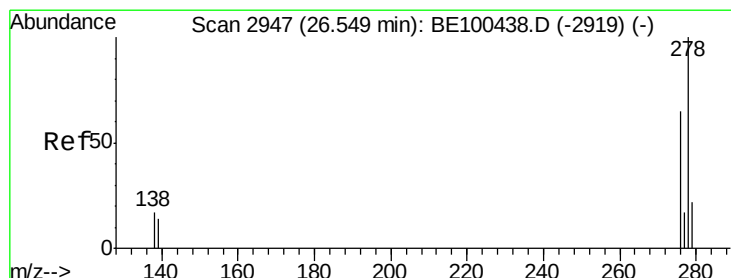
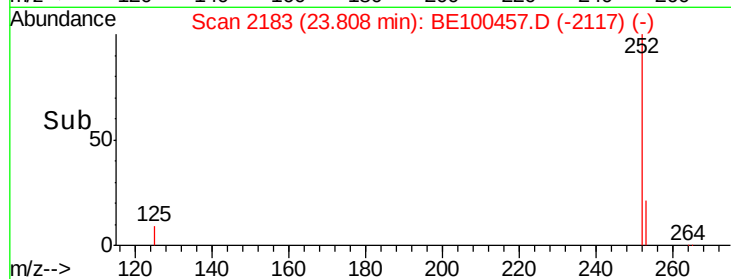
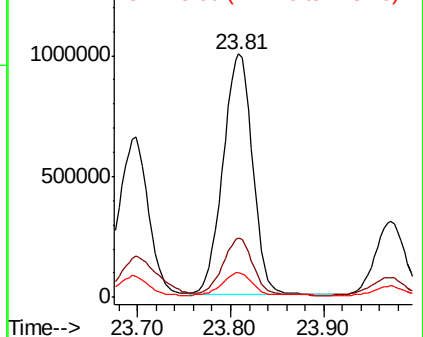
Tot Ion:252 Resp: 2204462
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 10.1 9.0 13.6

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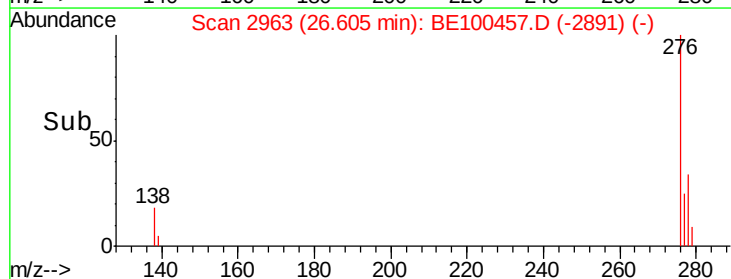
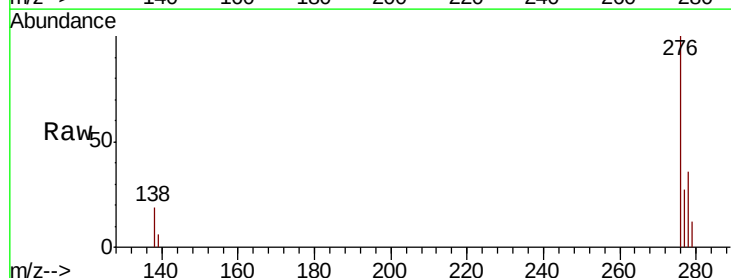
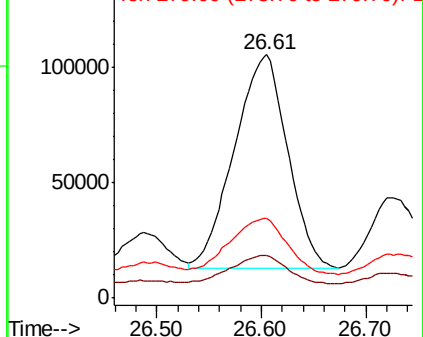
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

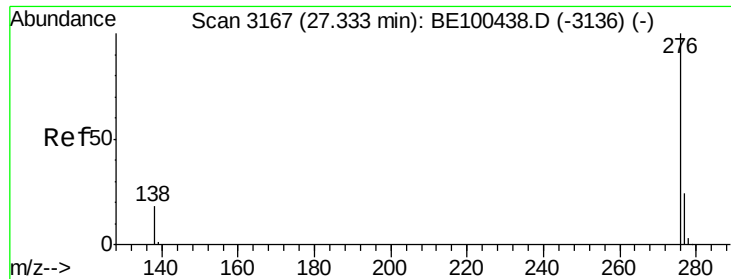


#38
Dibenzo(a,h)anthracene
Concen: 2.885 ng
RT: 26.61 min Scan# 2963
Delta R.T. 0.06 min
Lab File: BE100457.D
Acq: 17 Jul 2019 20:07

Tgt Ion:278 Resp: 325118
Ion Ratio Lower Upper
278 100
139 17.6 12.2 18.2
279 32.7 18.6 27.8#

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: 10.284 ng

RT: 27.41 min Scan# 3189

Delta R.T. 0.08 min

Lab File: BE100457.D

Acq: 17 Jul 2019 20:07

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP3MSD

Tot Ion:276 Resp: 1212230

Ion Ratio Lower Upper

276 100

277 25.5 19.6 29.4

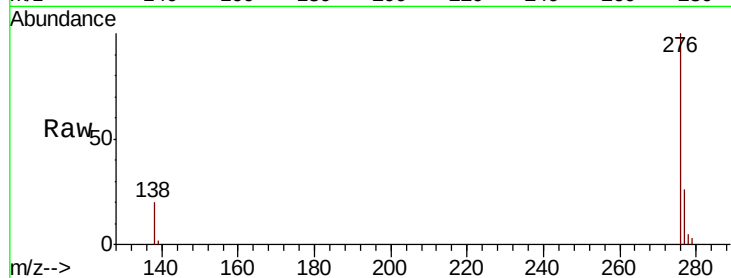
138 19.5 15.1 22.7

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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

