

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
 Data File : BE100474.D
 Acq On : 19 Jul 2019 17:52
 Operator : HP/JU
 Sample : K3911-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 HJDC-COMP1MSD

Manual Integrations
 APPROVED

mohammad
 7/24/2019 8:30:02 AM

Quant Time: Jul 22 19:25:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 13:59:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	4300	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	17535	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	11177	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	23816	0.40	ng	0.01
27) Chrysene-d12	21.40	240	28290	0.40	ng	0.02
34) Perylene-d12	24.09	264	49666m	0.40	ng	0.23

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	4541	0.42	ng	0.00
5) Phenol-d6	7.04	99	7243	0.48	ng	0.00
8) Nitrobenzene-d5	9.02	82	6320	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	9287m	0.33	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	1583	0.34	ng	0.01
15) 2-Fluorobiphenyl	13.13	172	12923	0.28	ng	0.00
25) Fluoranthene-d10	19.25	212	97448	0.29	ng	0.01
29) Terphenyl-d14	19.85	244	20008	0.31	ng	0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.37	88	1653	0.250	ng	# 41
3) n-Nitrosodimethylamine	3.68	42	1502	0.393	ng	# 73
6) bis(2-Chloroethyl)ether	7.30	93	6093	0.468	ng	84
9) Naphthalene	10.72	128	432143	2.575	ng	100
10) Hexachlorobutadiene	11.02	225	2756	0.343	ng	99
12) 2-Methylnaphthalene	12.34	142	58699	2.006	ng	95
16) Acenaphthylene	14.23	152	164709	3.207	ng	98
17) Acenaphthene	14.57	154	94136	3.013	ng	96
18) Fluorene	15.54	166	240974	5.800	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	4540	0.413	ng	# 72
21) Hexachlorobenzene	16.56	284	4176	0.364	ng	# 88
22) Pentachlorophenol	16.89	266	2369	0.575	ng	94
23) Phenanthrene	17.27	178	2241060	38.038	ng	99
24) Anthracene	17.36	178	633733	11.512	ng	98
26) Fluoranthene	19.29	202	3956055	45.189	ng	97
28) Pyrene	19.65	202	3540839	42.564	ng	# 92
30) Benzo(a)anthracene	21.39	228	2070042	23.990	ng	94
31) Chrysene	21.44	228	1749876	20.331	ng	95
32) Bis(2-ethylhexyl)phthalate	21.32	149	356734	1.863	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.98	276	1017006m	10.930	ng	
35) Benzo(b)fluoranthene	23.22	252	2031737m	14.805	ng	
36) Benzo(k)fluoranthene	23.28	252	1450171m	9.945	ng	
37) Benzo(a)pyrene	23.90	252	2827987m	21.366	ng	
38) Dibenzo(a,h)anthracene	27.28	278	890400m	7.141	ng	
39) Benzo(g,h,i)perylene	27.88	276	944745m	7.356	ng	

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

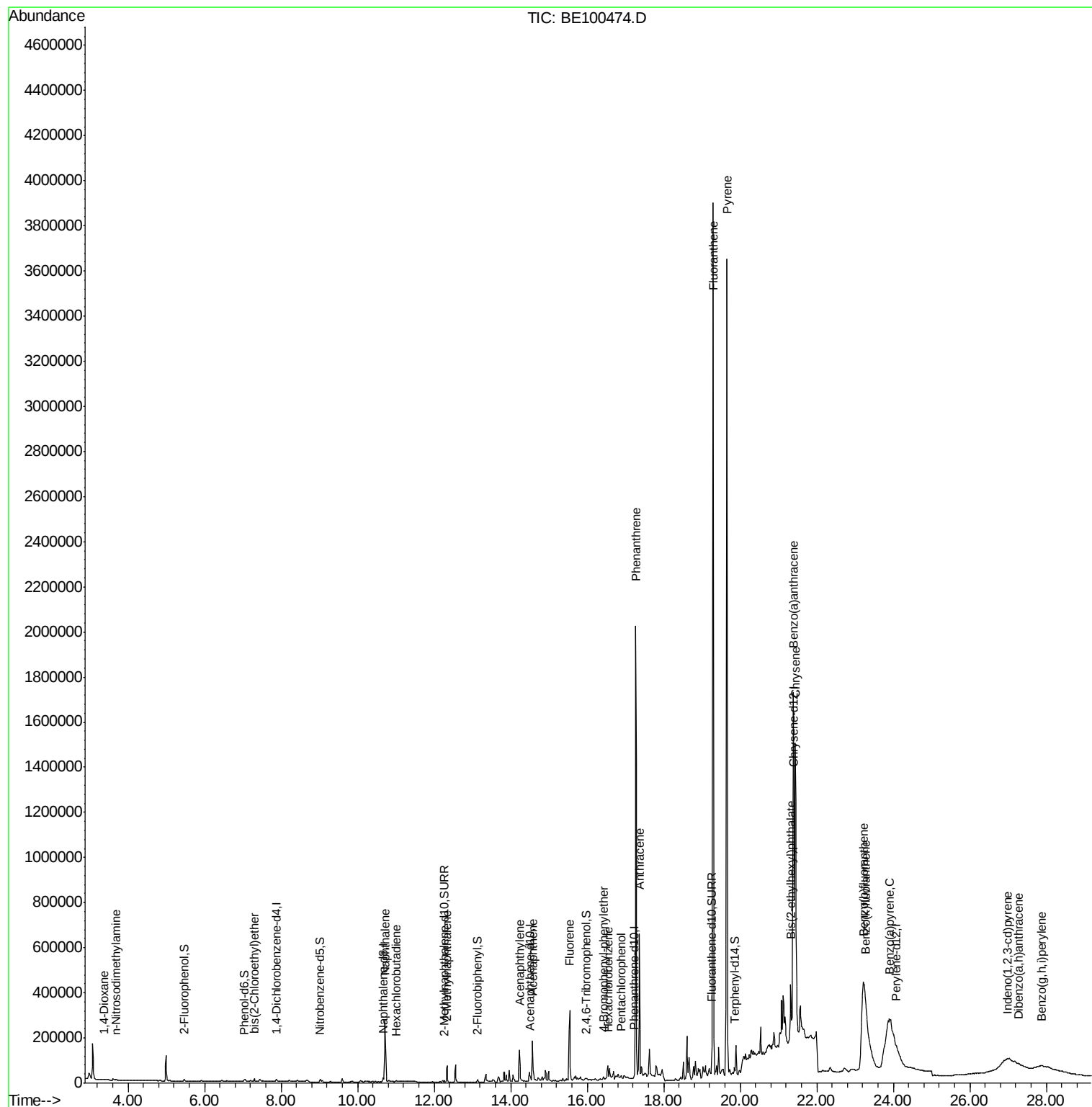
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
Data File : BE100474.D
Acq On : 19 Jul 2019 17:52
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Misc :
ALS Vial : 14 Sample Multiplier: 1

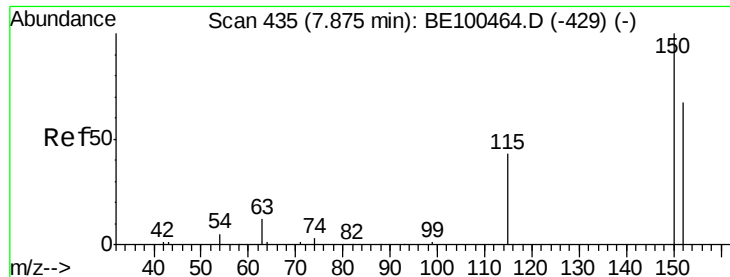
Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

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#1

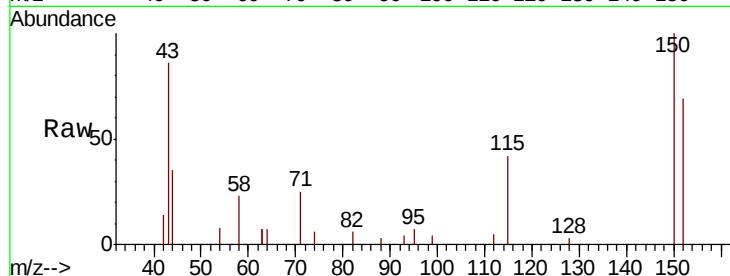
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. 0.01 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	117.6	176.4
115	60.2	54.9	82.3

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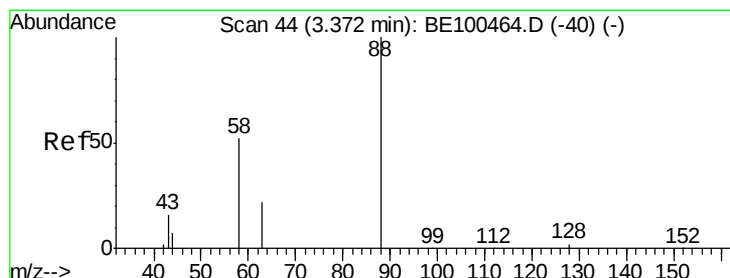
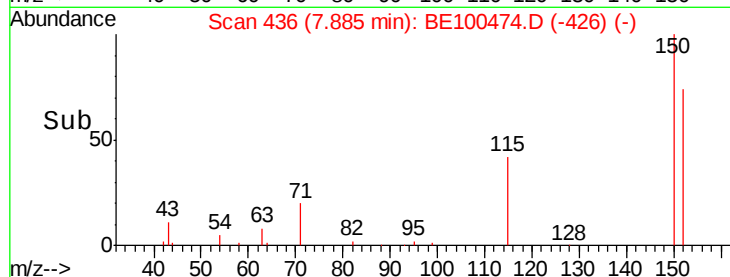
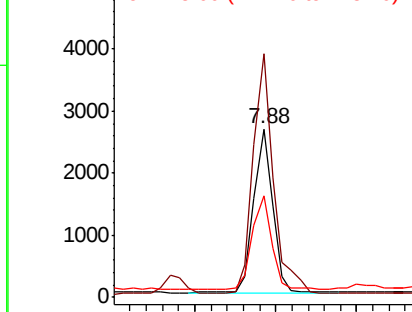


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

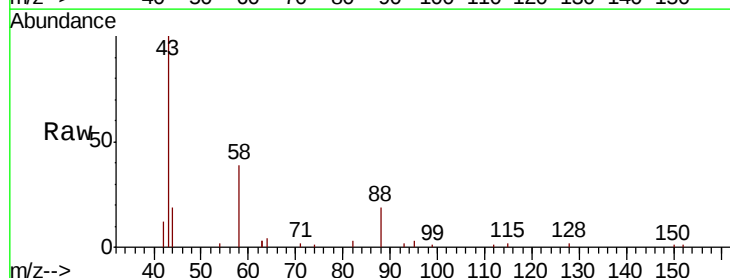
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.250 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	111.7	50.2	75.4#
43	0.0	19.1	28.7#

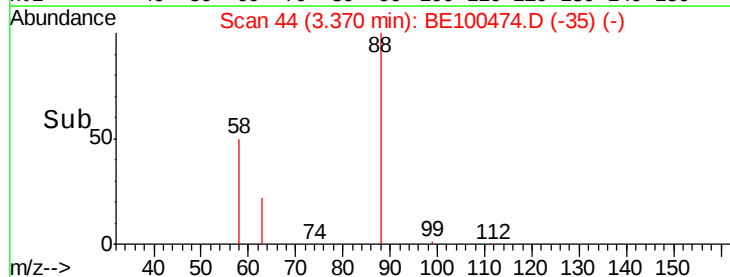
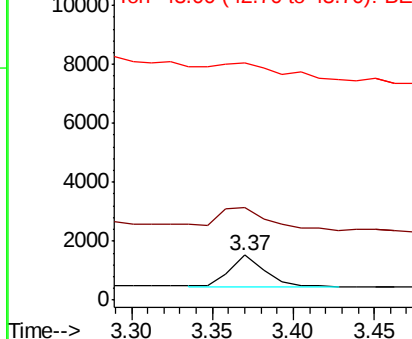


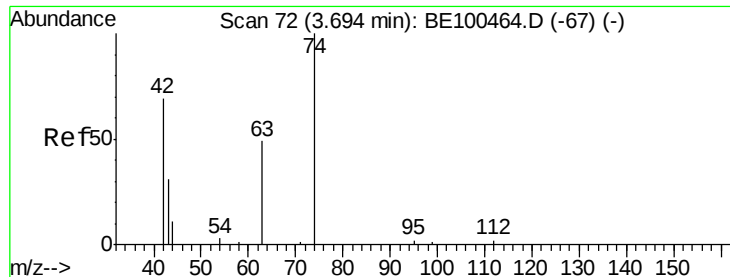
Abundance

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: 0.393 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

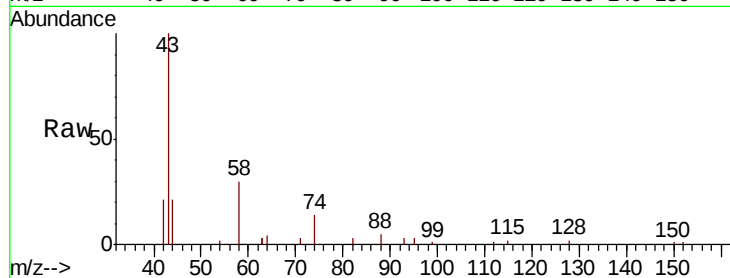
ClientSampleId :

HJDC-COMP1MSD

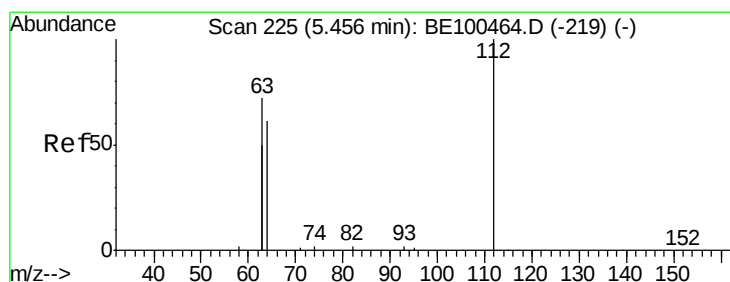
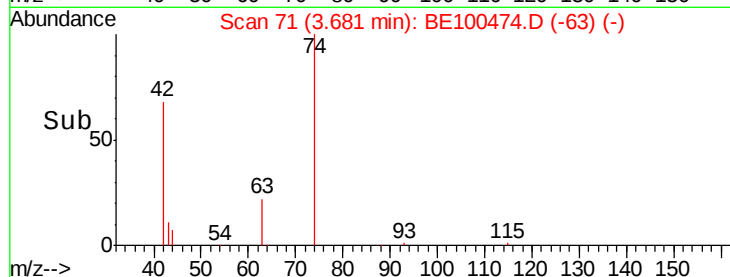
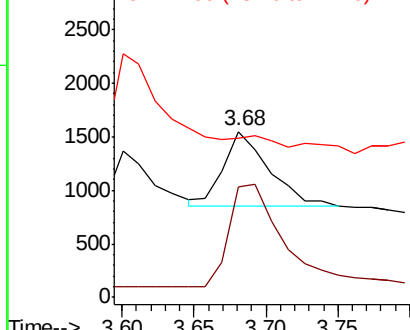
Tot Ion:	42	Resp:	1502
Ion	Ratio	Lower	Upper
42	100		
74	164.4	105.8	158.8#
44	0.0	0.0	0.0

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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: 0.424 ng

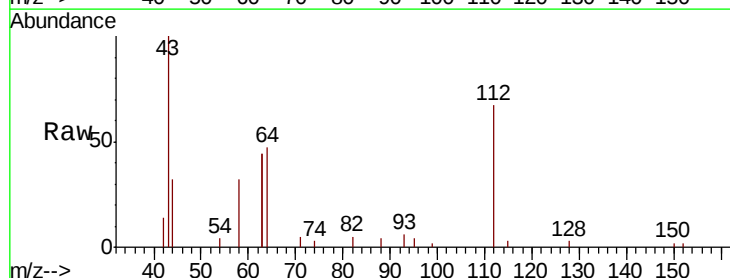
RT: 5.47 min Scan# 226

Delta R.T. 0.01 min

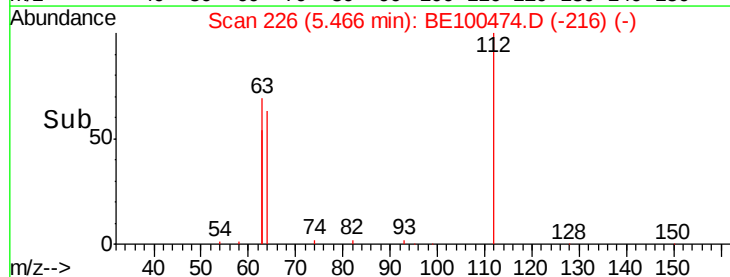
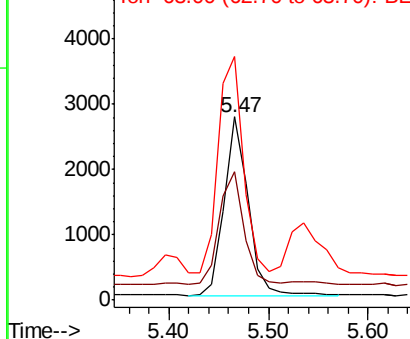
Lab File: BE100474.D

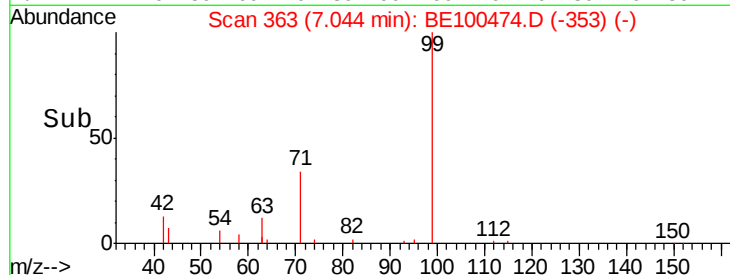
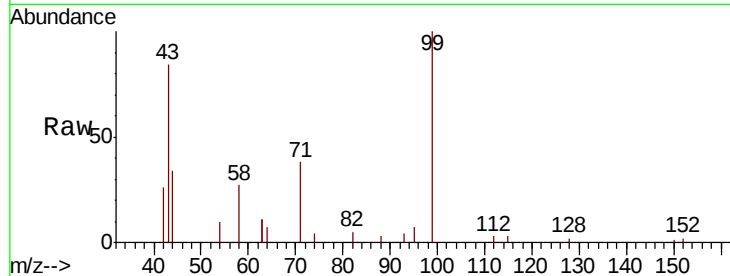
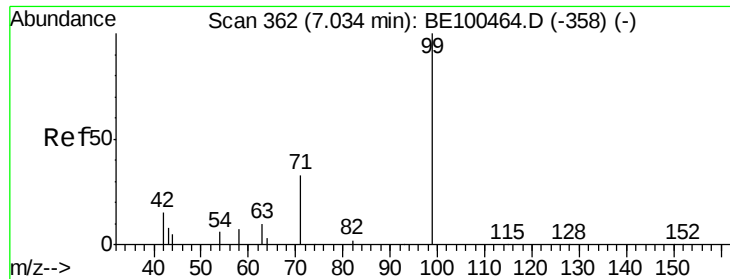
Acq: 19 Jul 2019 17:52

Tgt Ion:	112	Resp:	4541
Ion	Ratio	Lower	Upper
112	100		
64	64.2	51.9	77.9
63	127.3	103.9	155.9



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: 0.482 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Tot Ion:	99	Resp:	7243
Ion	Ratio	Lower	Upper
99	100		
42	26.4	16.2	24.4#
71	41.2	26.0	39.0#

Instrument :

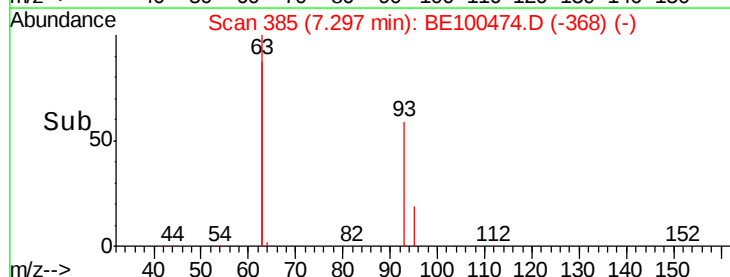
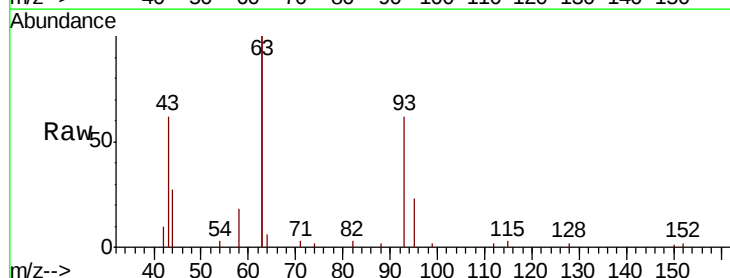
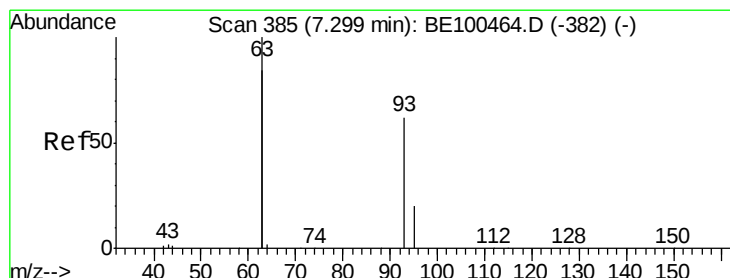
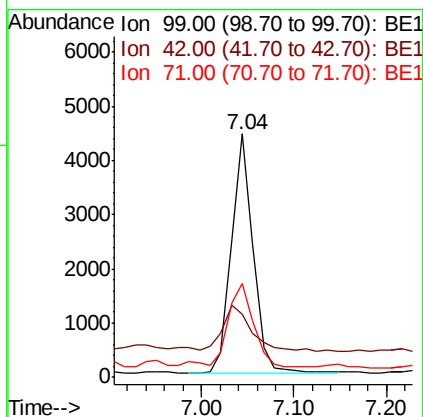
BNA_E

ClientSampleId :

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#6

bis(2-Chloroethyl)ether

Concen: 0.468 ng

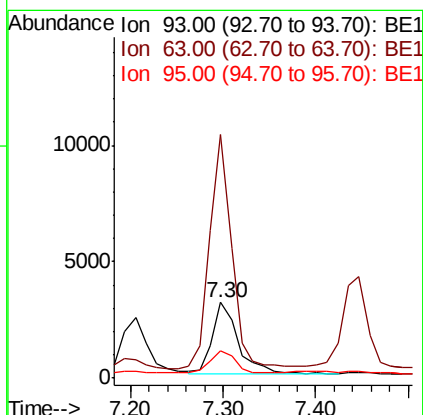
RT: 7.30 min Scan# 385

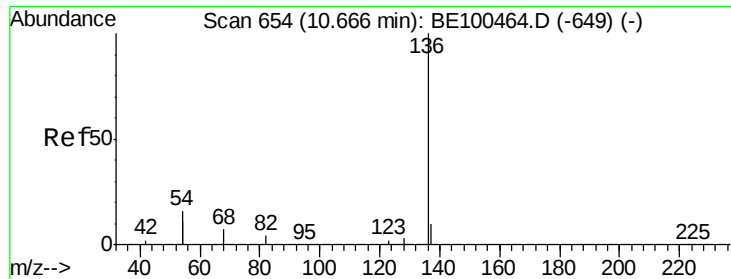
Delta R.T. -0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Tgt Ion:	93	Resp:	6093
Ion	Ratio	Lower	Upper
93	100		
63	276.1	248.4	372.6
95	29.7	24.7	37.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

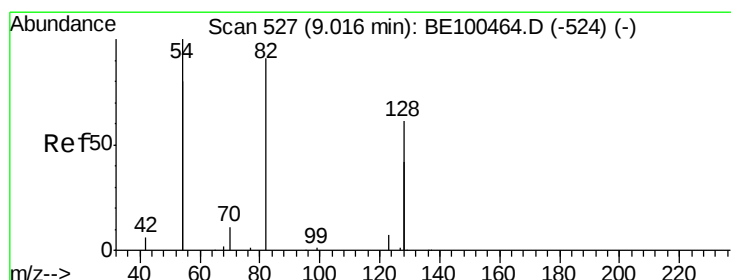
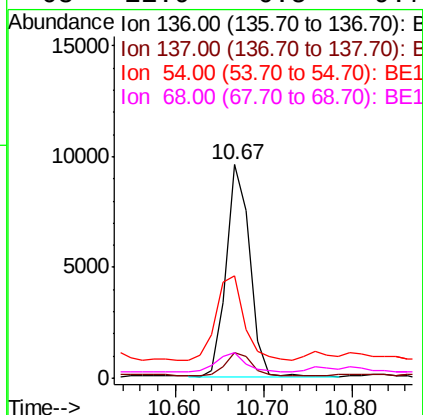
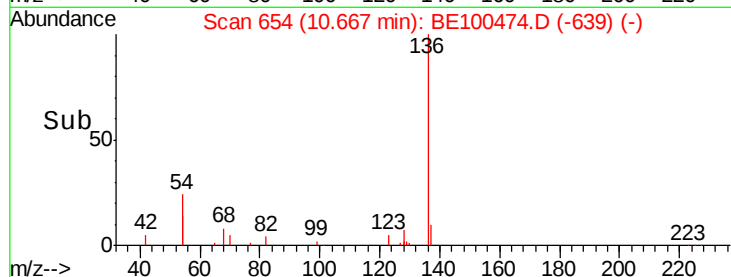
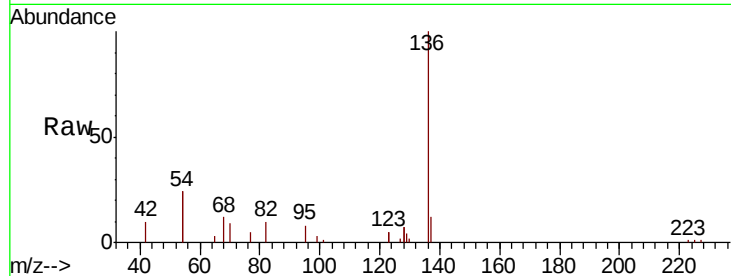
ClientSampleId :

HJDC-COMP1MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.6
54	47.8	26.2	39.2
68	11.9	6.5	9.7

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#8

Nitrobenzene-d5

Concen: 0.446 ng

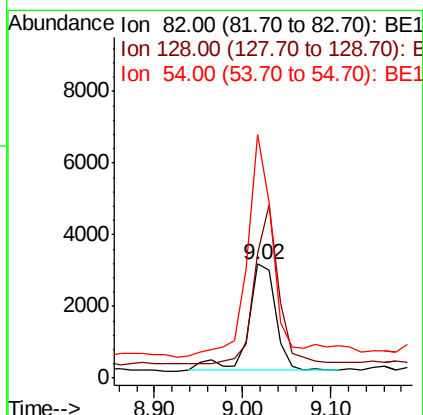
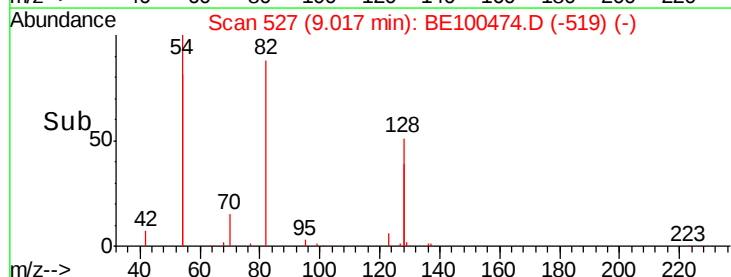
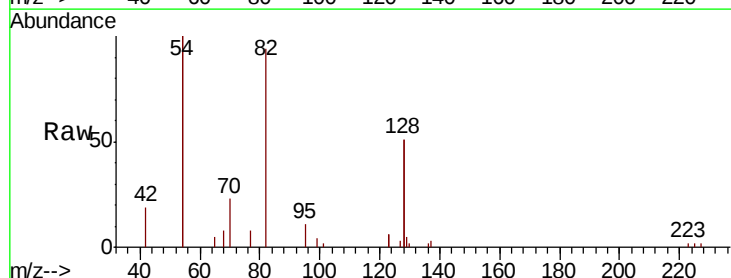
RT: 9.02 min Scan# 527

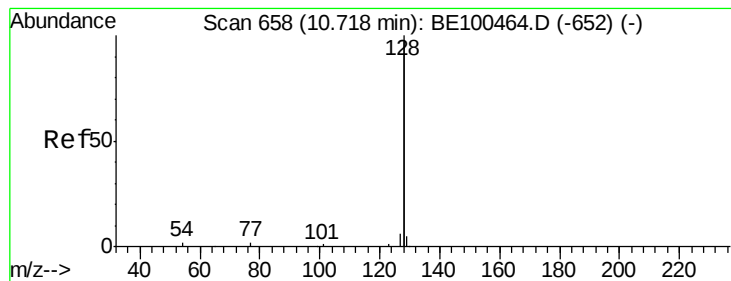
Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
82	100		
128	109.0	100.7	151.1
54	213.1	164.4	246.6





#9

Naphthalene

Concen: 2.575 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

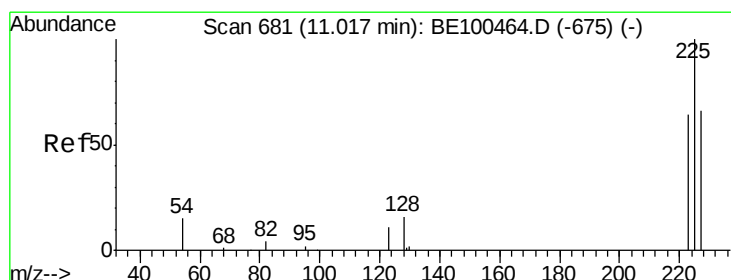
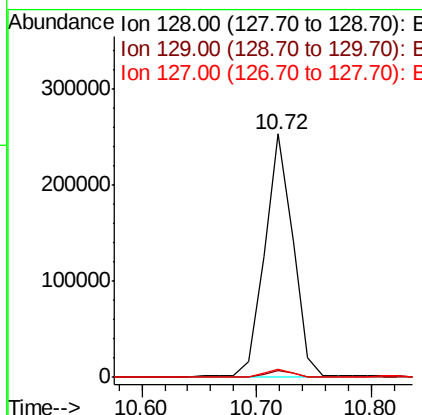
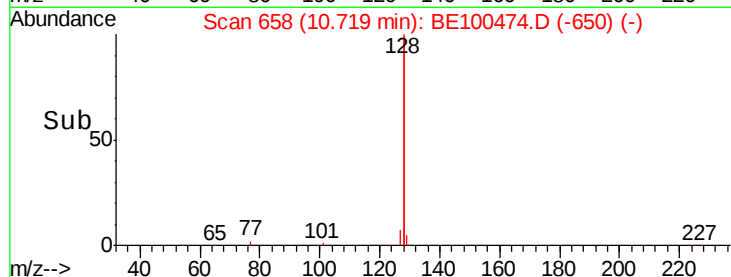
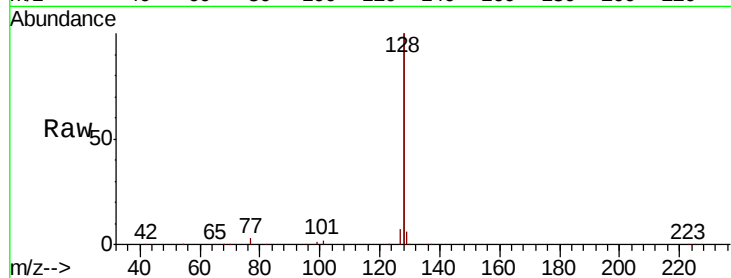
ClientSampleId :

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Tot Ion:	128	Resp:	432143
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.4	3.6
127	3.3	2.6	4.0

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#10

Hexachlorobutadiene

Concen: 0.343 ng

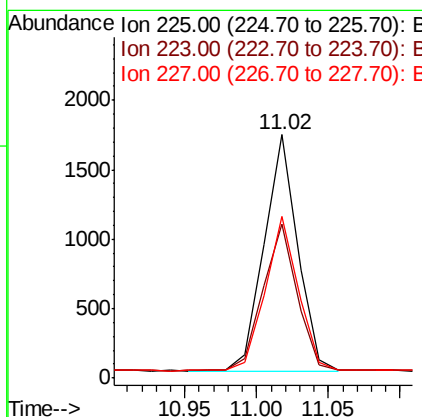
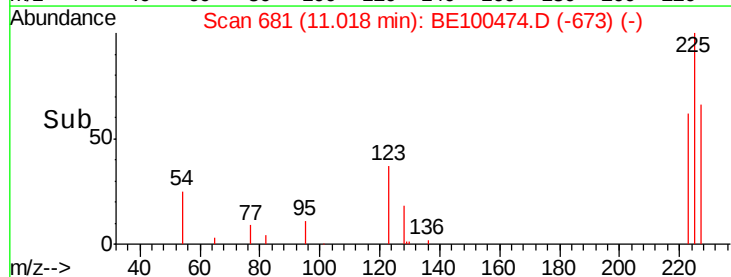
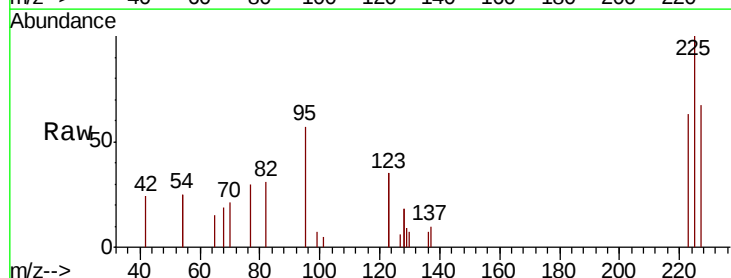
RT: 11.02 min Scan# 681

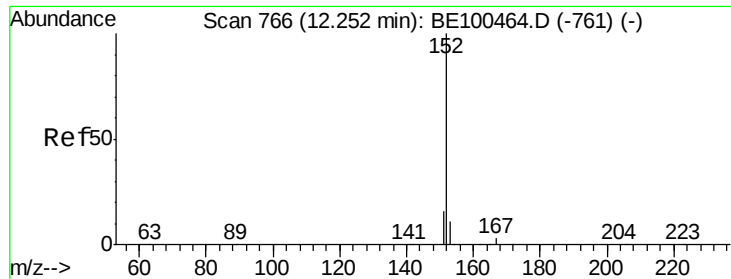
Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Tgt Ion:	225	Resp:	2756
Ion Ratio	Lower	Upper	
225	100		
223	63.4	51.7	77.5
227	64.7	50.9	76.3





#11

2-Methylnaphthalene-d10

Concen: 0.330 ng/mL

RT: 12.27 min Scan# 767

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

Tot Ion:152 Resp: 9287

Ion Ratio Lower Upper

152 100

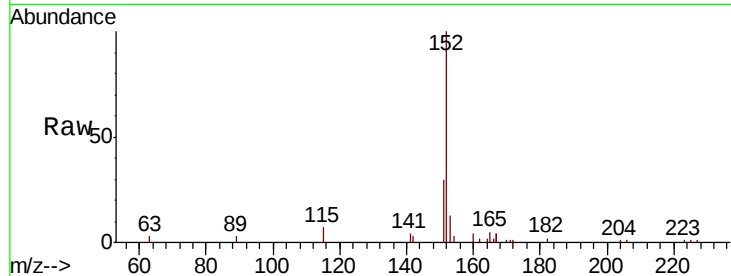
151 28.6 15.8 23.6#

Manual Integrations

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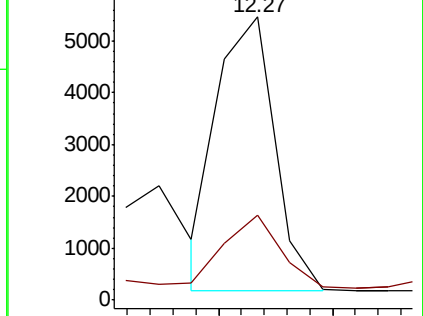
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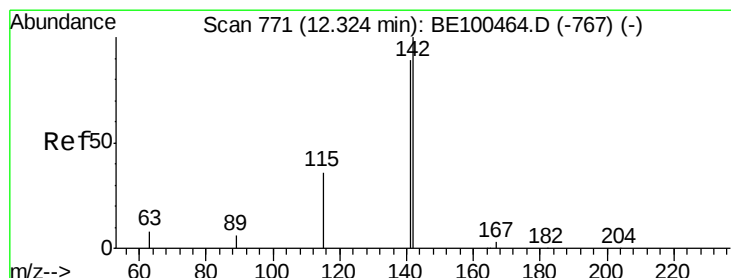
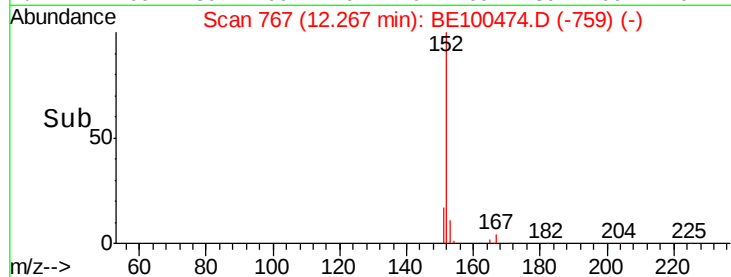


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 2.006 ng/mL

RT: 12.34 min Scan# 772

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

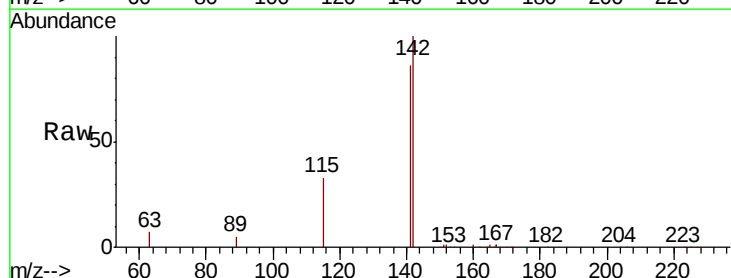
Tgt Ion:142 Resp: 58699

Ion Ratio Lower Upper

142 100

141 86.0 71.7 107.5

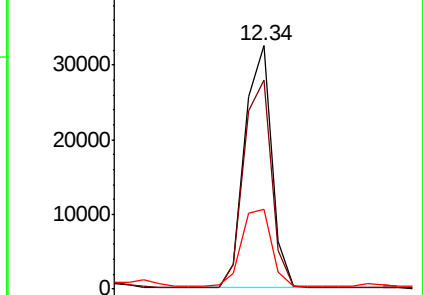
115 33.0 30.4 45.6



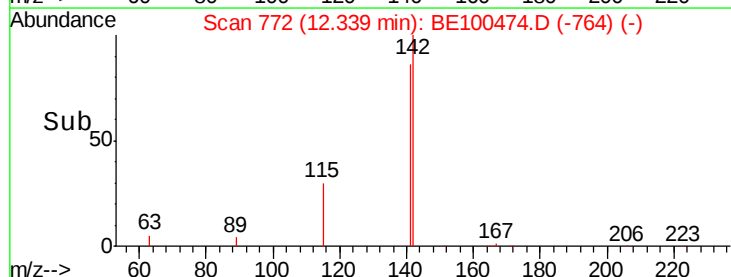
Abundance Ion 142.00 (141.70 to 142.70): E

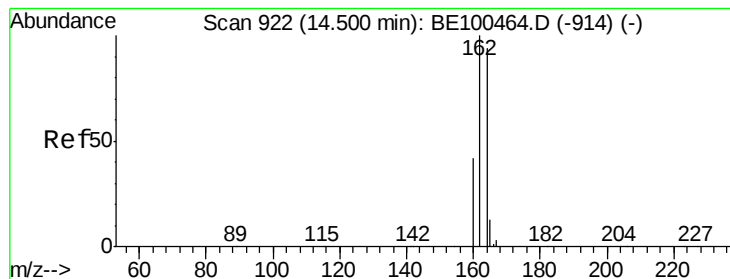
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

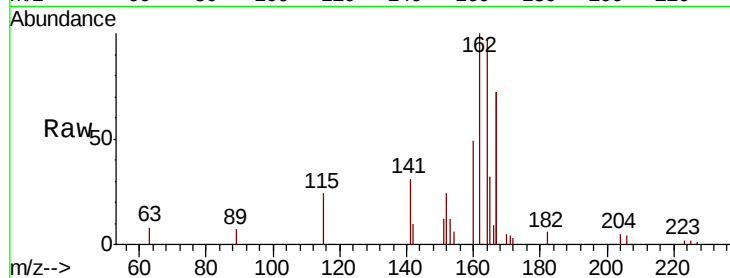
ClientSampleId :

HJDC-COMP1MSD

Tot Ion:	164	Resp:	11177
Ion Ratio	Lower	Upper	
164	100		
162	103.6	85.0	127.6
160	50.9	36.2	54.2

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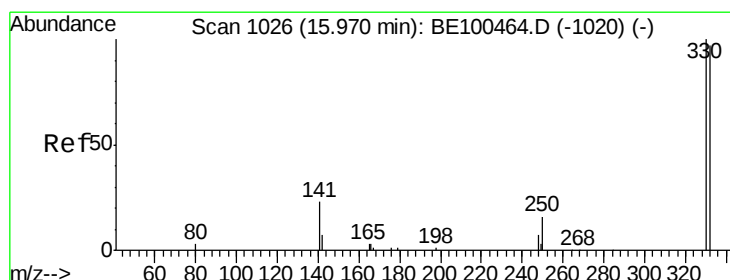
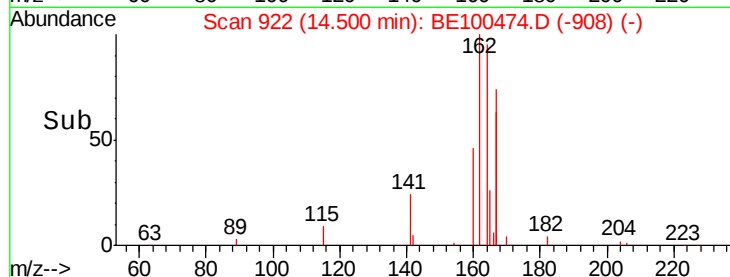
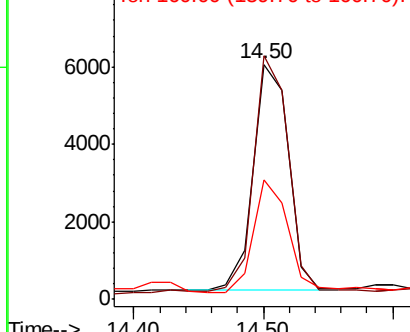


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.337 ng

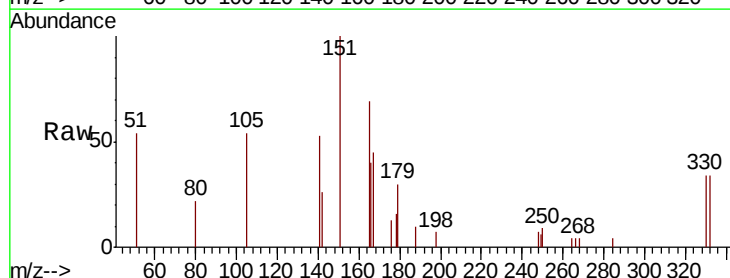
RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Tgt Ion:	330	Resp:	1583
Ion Ratio	Lower	Upper	
330	100		
332	101.8	76.3	114.5
141	79.0	29.4	44.2#

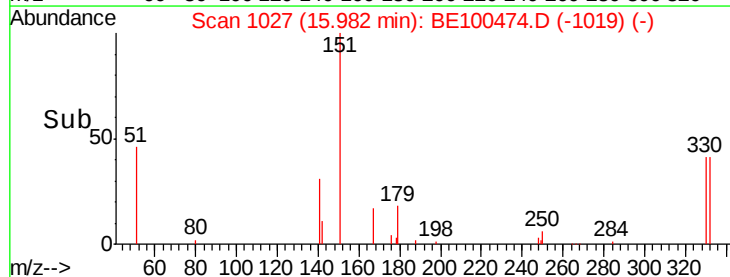
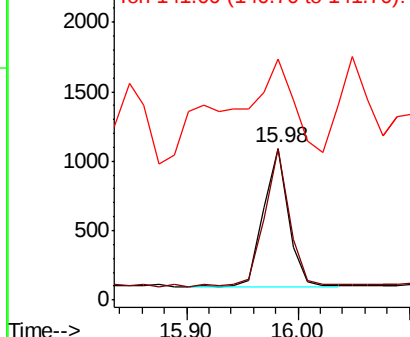


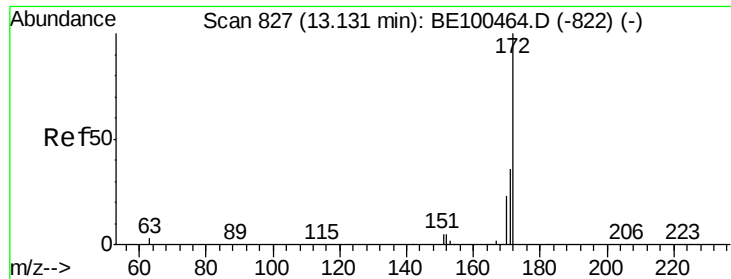
Abundance

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





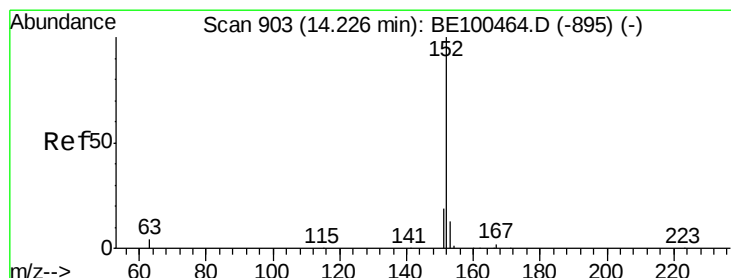
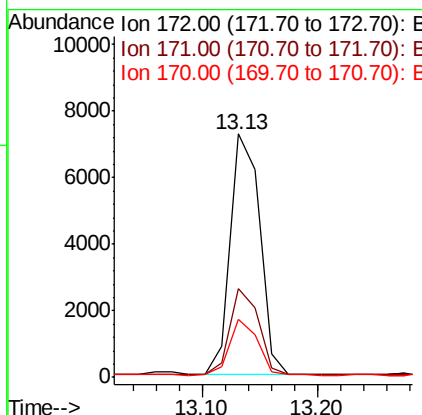
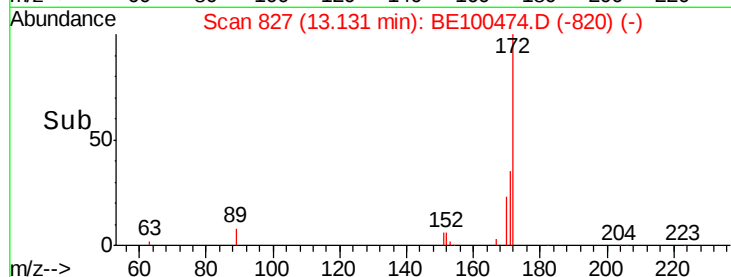
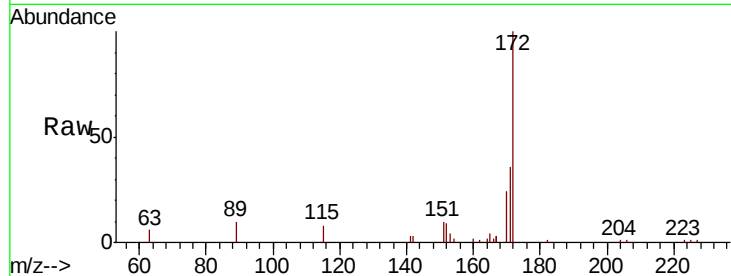
#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.1	18.8	28.2

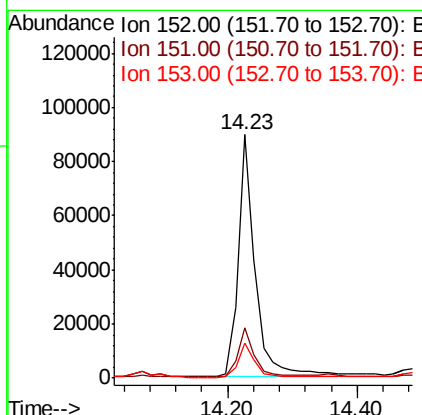
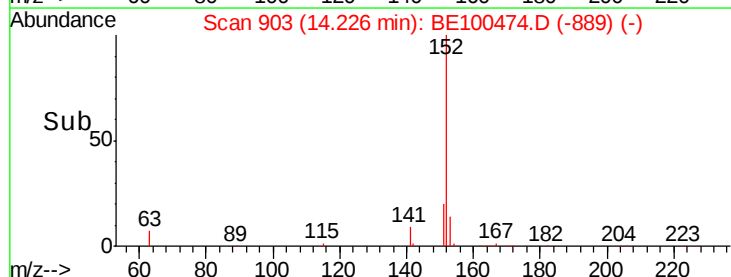
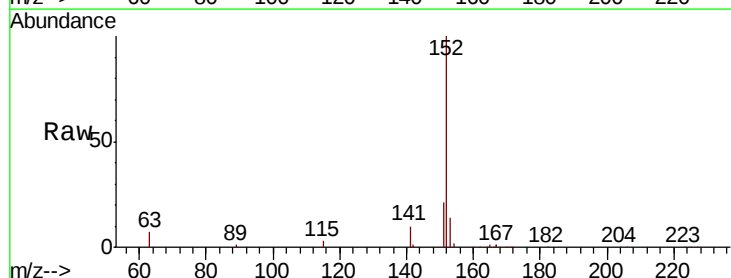
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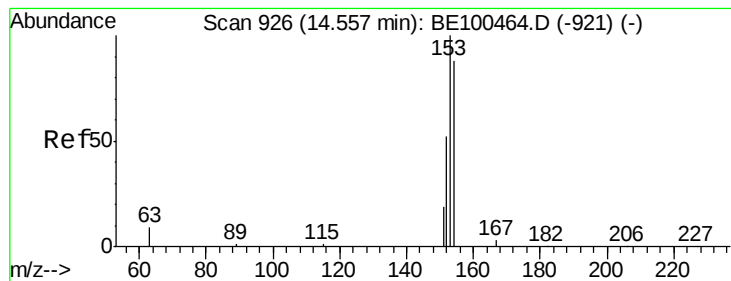
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#16
Acenaphthylene
Concen: 3.207 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	14.1	10.6	15.8





#17

Acenaphthene

Concen: 3.013 ng

RT: 14.57 min Scan# 927

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

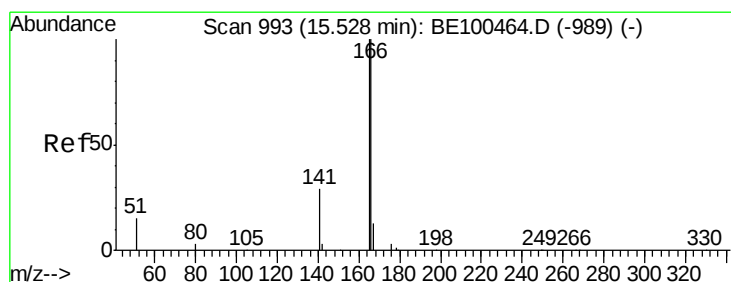
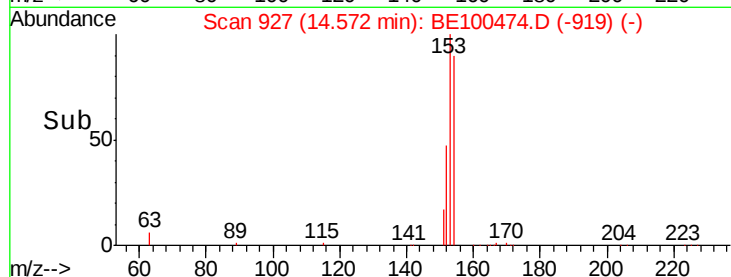
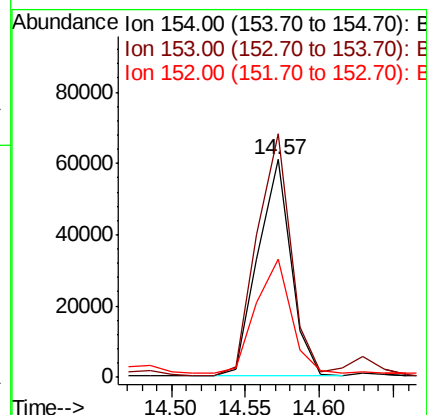
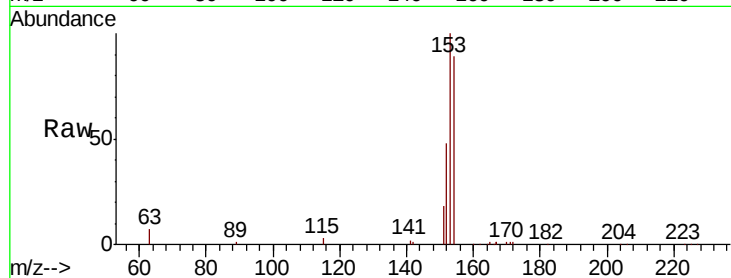
ClientSampleId :

HJDC-COMP1MSD

Tot Ion:	154	Resp:	94136
Ion Ratio	Lower	Upper	
154	100		
153	116.8	89.4	134.2
152	56.5	44.4	66.6

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#18

Fluorene

Concen: 5.800 ng

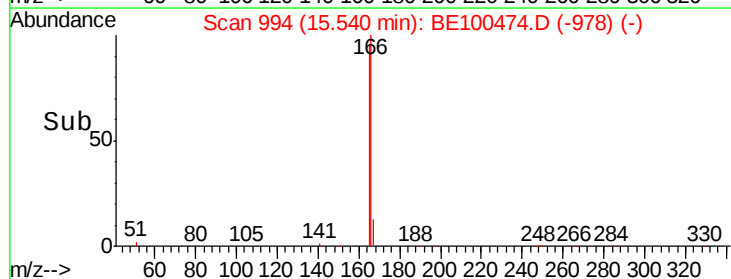
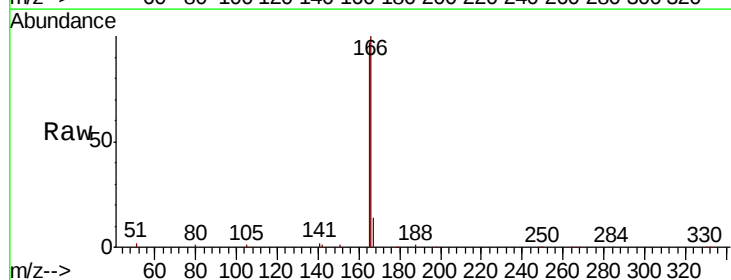
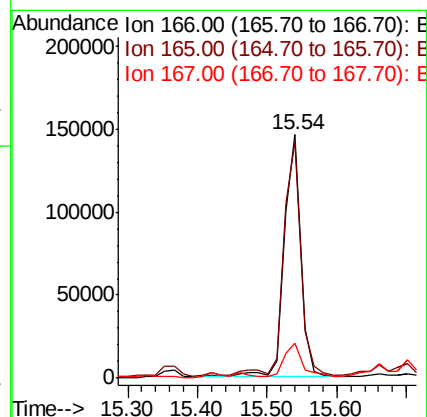
RT: 15.54 min Scan# 994

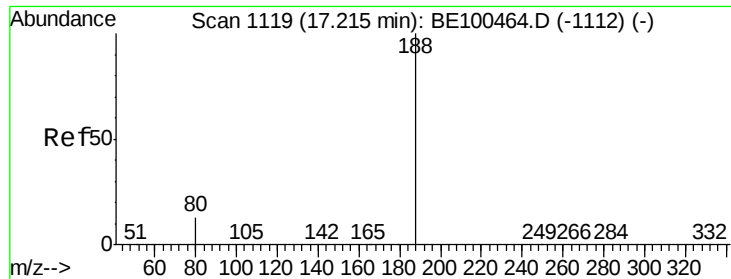
Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Tgt Ion:	166	Resp:	240974
Ion Ratio	Lower	Upper	
166	100		
165	102.5	79.8	119.8
167	15.4	10.4	15.6





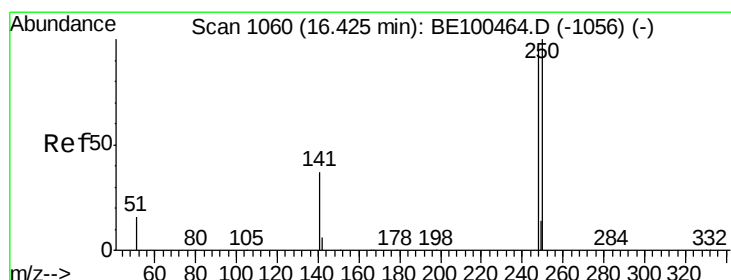
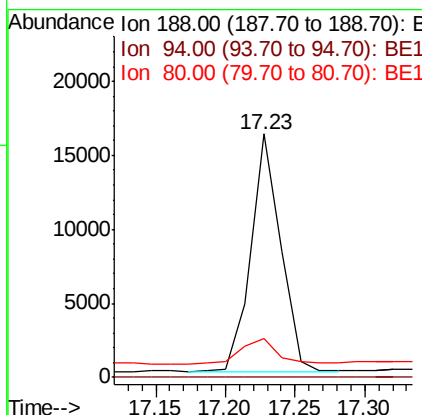
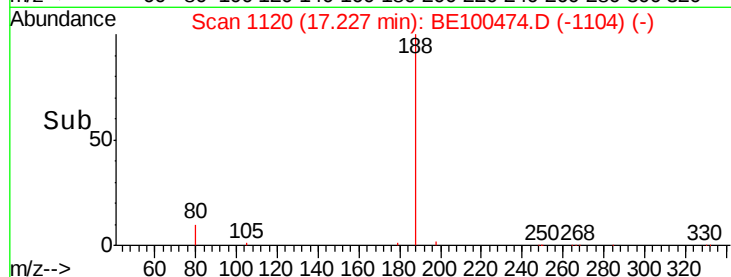
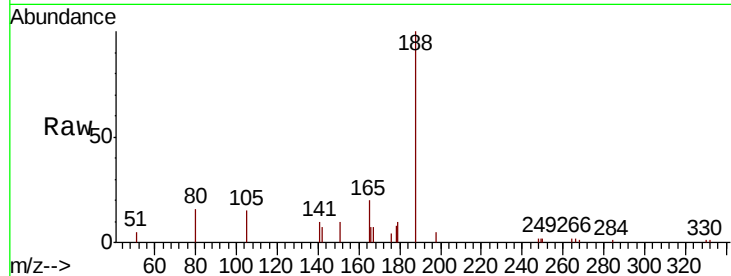
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	23816		
94	0.0	0.0	0.0	0.0
80	15.7	10.7	16.1	

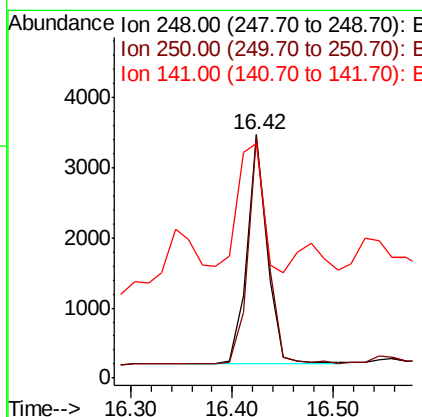
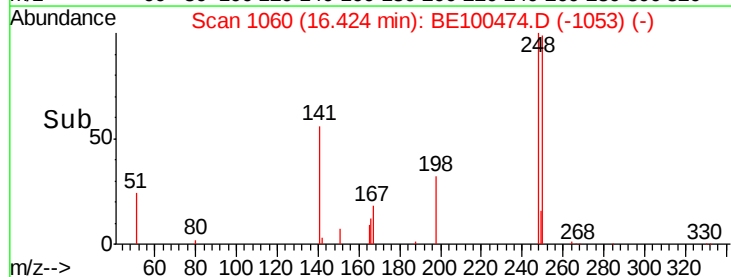
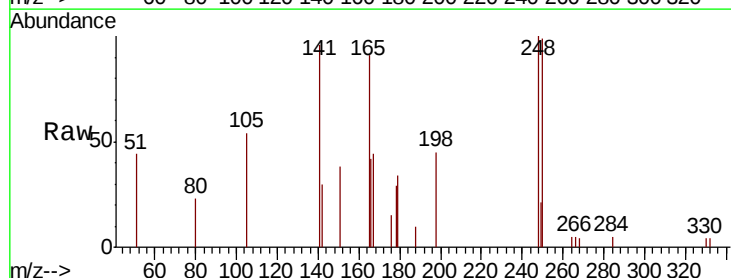
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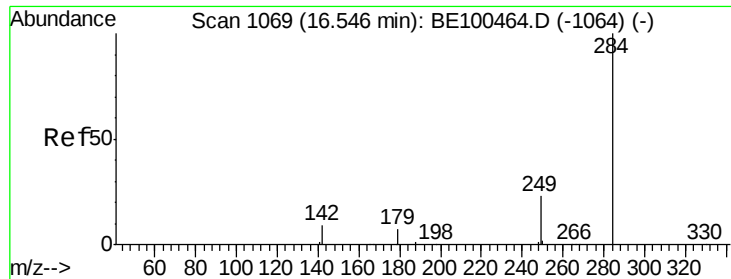
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#20
4-Bromophenyl-phenylether
Concen: 0.413 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	4540		
250	99.1	83.9	125.9	
141	96.1	33.7	50.5#	





#21

Hexachlorobenzene

Concen: 0.364 ng

RT: 16.56 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

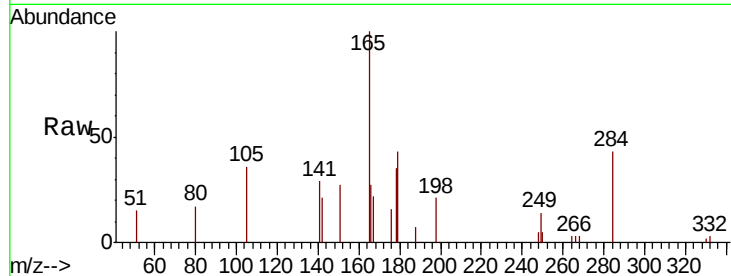
ClientSampleId :

HJDC-COMP1MSD

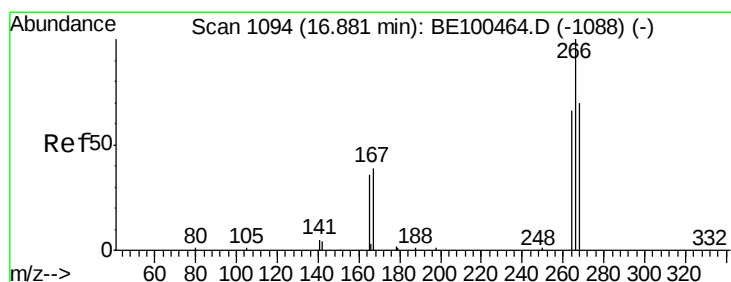
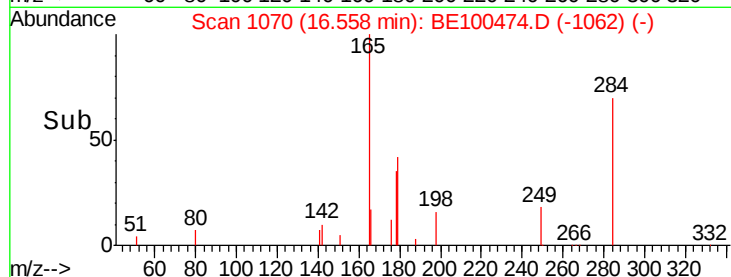
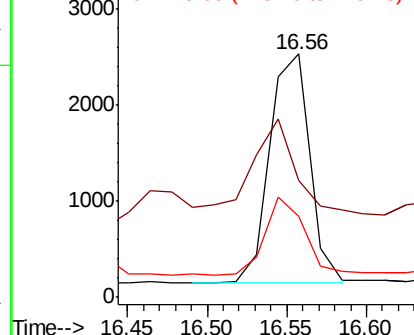
Tot Ion:	284	Resp:	4176
Ion Ratio	Lower	Upper	
284	100		
142	44.0	27.4	41.2#
249	35.0	25.1	37.7

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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: 0.575 ng

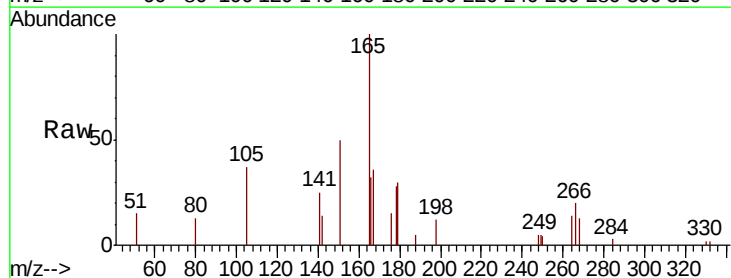
RT: 16.89 min Scan# 1095

Delta R.T. 0.01 min

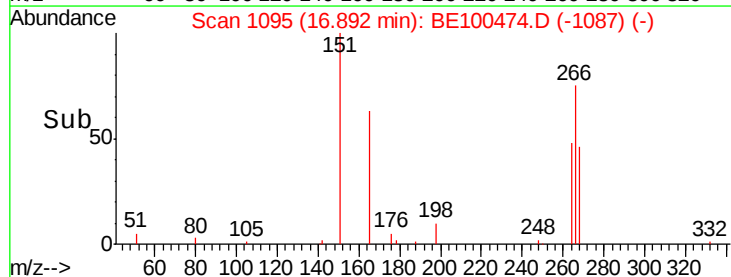
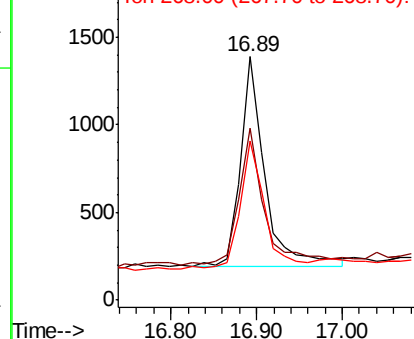
Lab File: BE100474.D

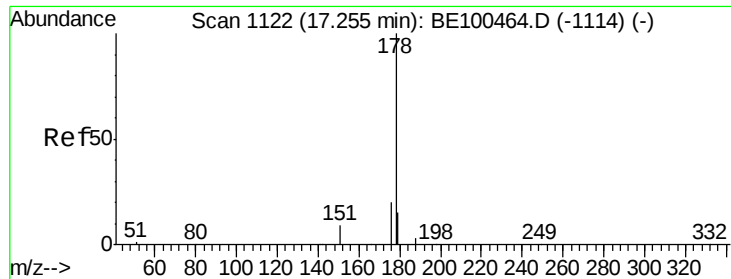
Acq: 19 Jul 2019 17:52

Tgt Ion:	266	Resp:	2369
Ion Ratio	Lower	Upper	
266	100		
264	70.4	55.5	83.3
268	65.6	59.2	88.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





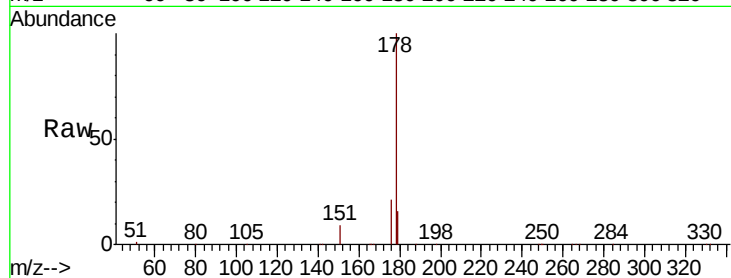
#23
Phenanthrene
Concen: 38.038 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	16.1	12.5	18.7

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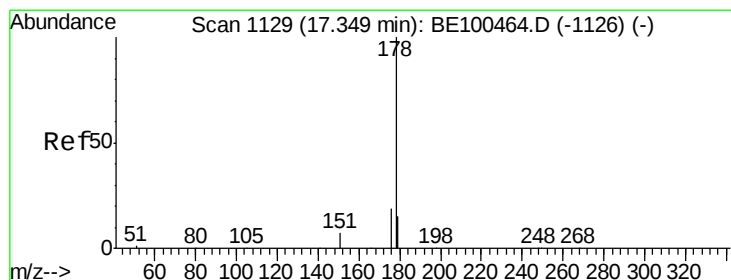
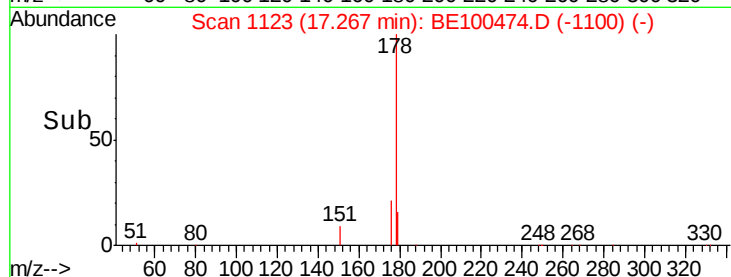
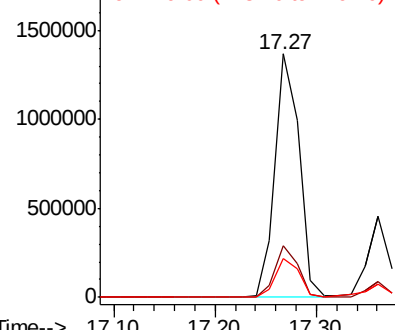


Abundance

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: 11.512 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

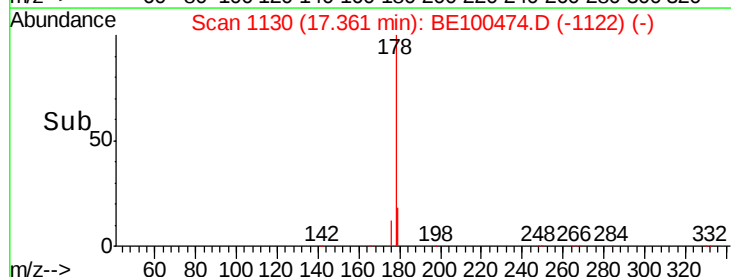
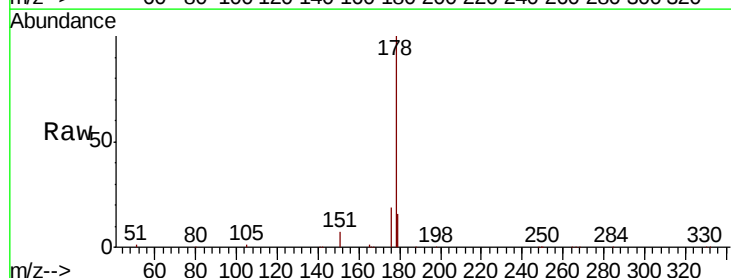
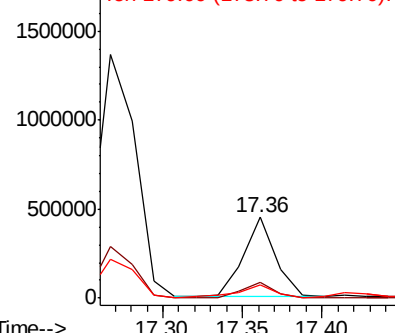
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	17.3	12.2	18.2

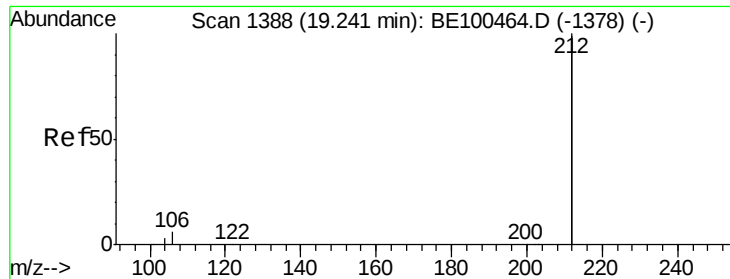
Abundance

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: 0.292 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

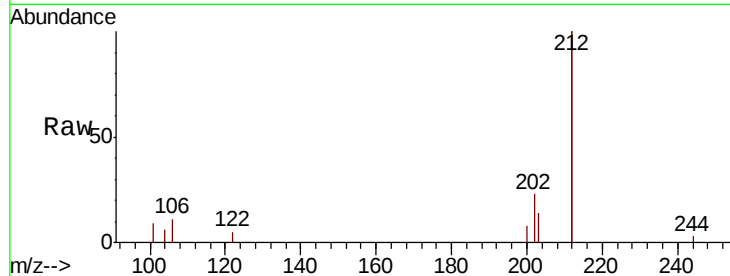
ClientSampleId :

HJDC-COMP1MSD

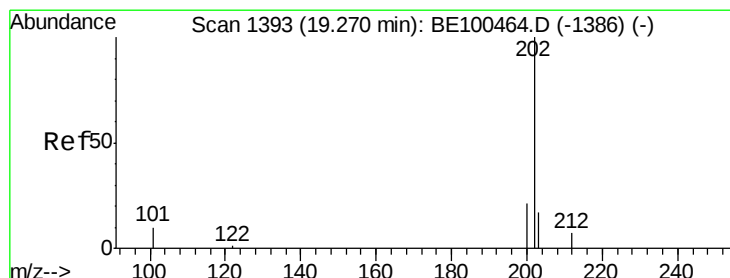
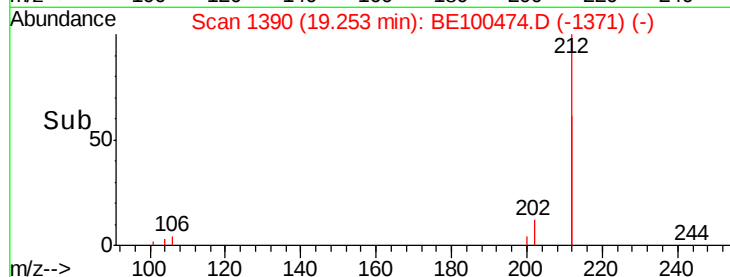
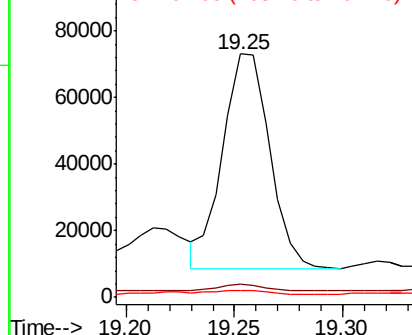
Tot Ion:	212	Resp:	97448
Ion Ratio	Lower	Upper	
212	100		
106	2.8	2.2	3.2
104	2.0	1.2	1.8#

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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: 45.189 ng

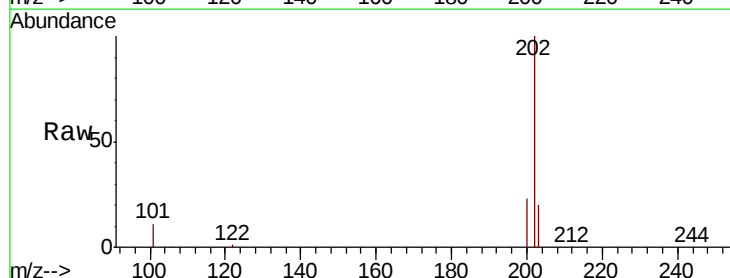
RT: 19.29 min Scan# 1396

Delta R.T. 0.02 min

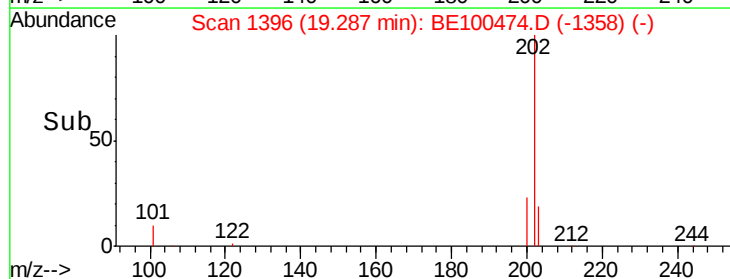
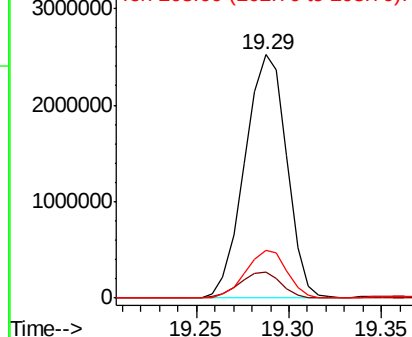
Lab File: BE100474.D

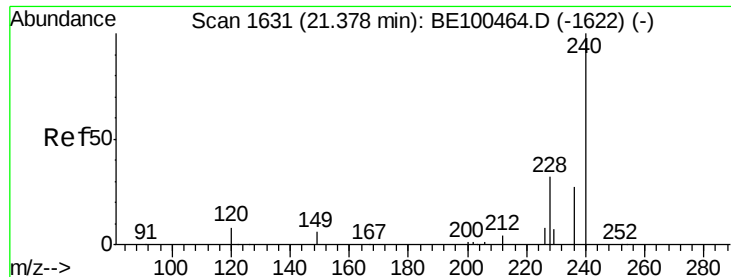
Acq: 19 Jul 2019 17:52

Tgt Ion:	202	Resp:	3956055
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.3	12.5
203	18.8	13.6	20.4



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. 0.02 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

Instrument :

BNA_E

ClientSampleId :

HJDC-COMP1MSD

Tot Ion:240 Resp: 28290

Ion Ratio Lower Upper

240 100

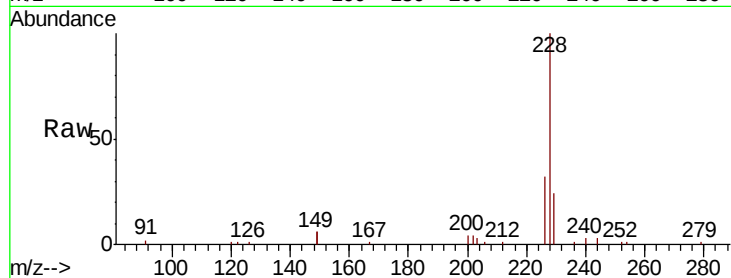
120 44.0 7.1 10.7#

236 56.1 21.7 32.5#

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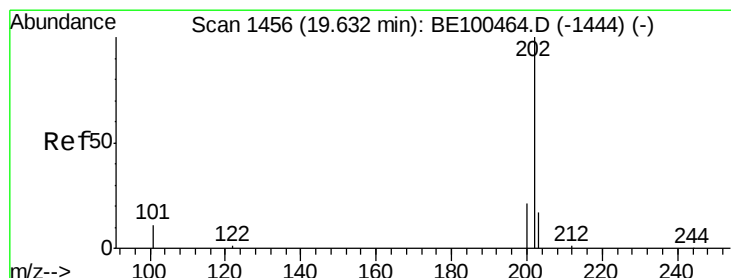
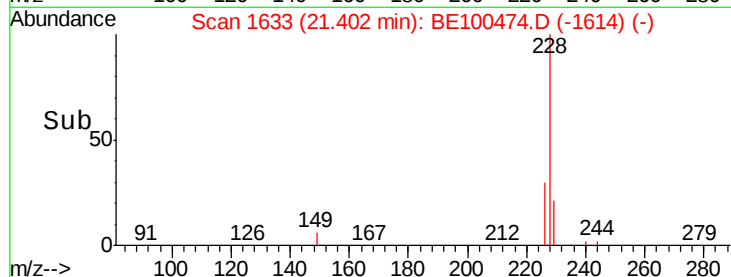
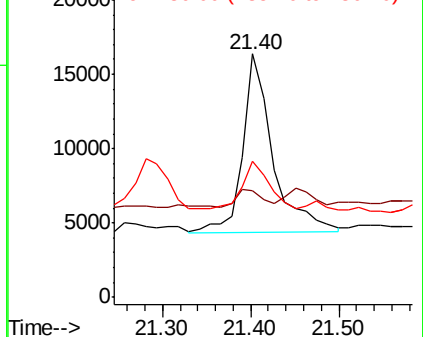
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 42.564 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.02 min

Lab File: BE100474.D

Acq: 19 Jul 2019 17:52

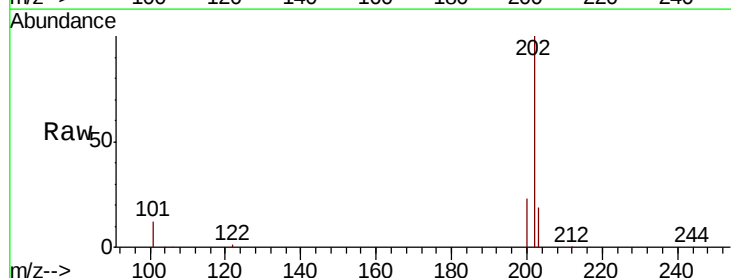
Tgt Ion:202 Resp: 3540839

Ion Ratio Lower Upper

202 100

200 22.6 16.7 25.1

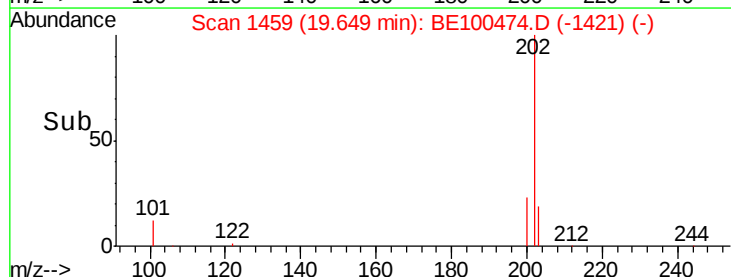
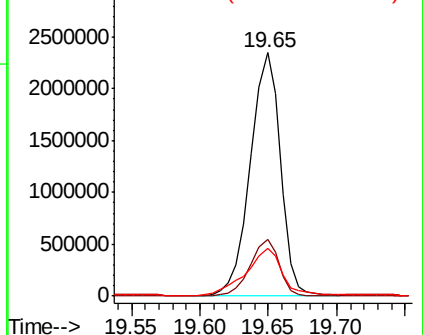
203 23.4 13.8 20.8#

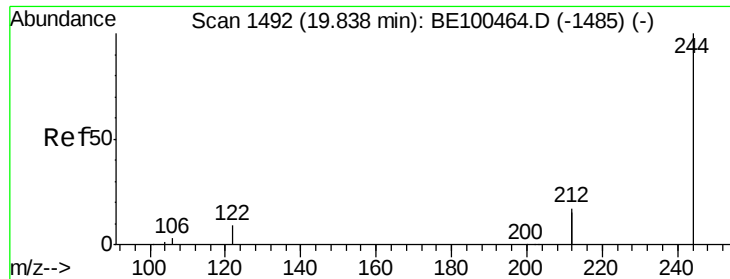


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





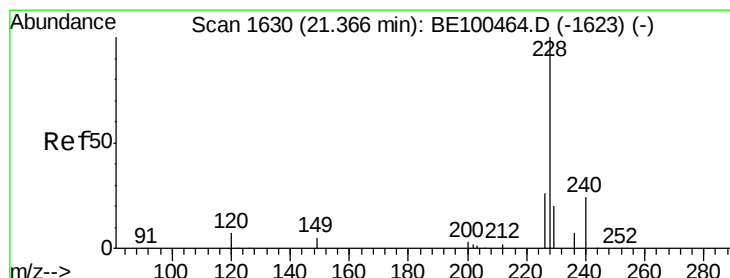
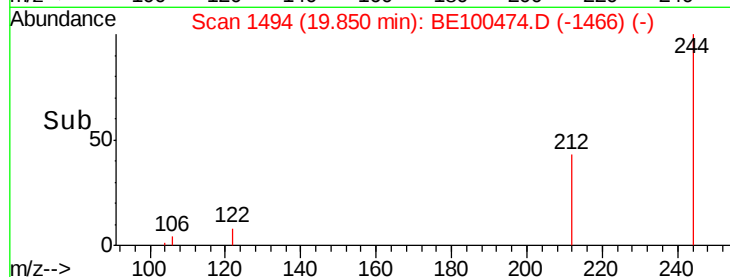
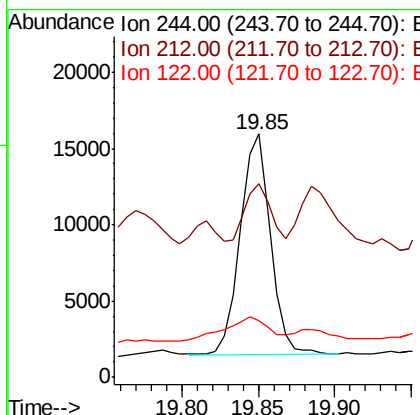
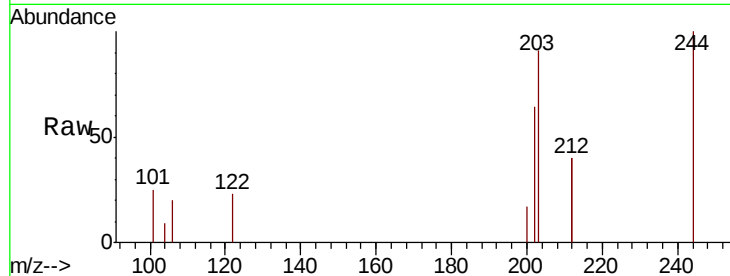
#29
 Terphenyl-d14
 Concen: 0.307 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BE100474.D
 Acq: 19 Jul 2019 17:52

Instrument :
 BNA_E
 ClientSampleId :
 HJDC-COMP1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	79.6	26.6	40.0#
122	23.5	7.6	11.4#

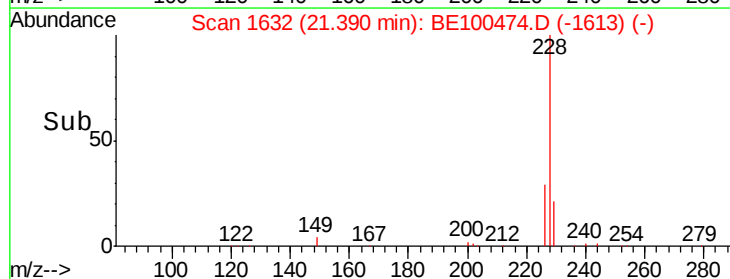
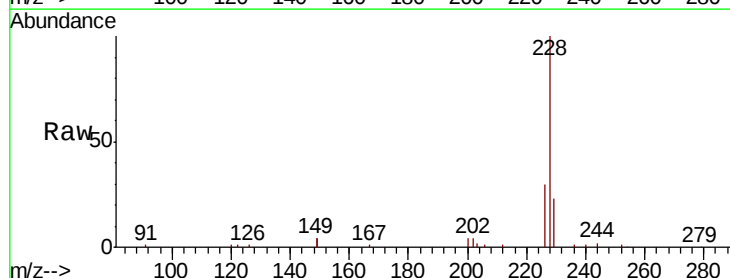
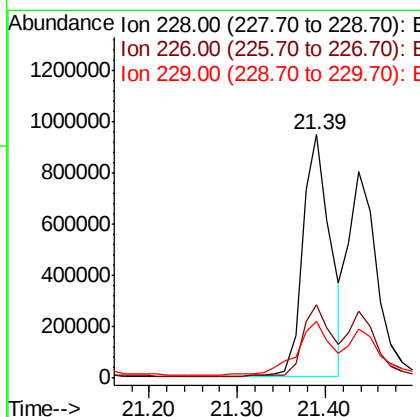
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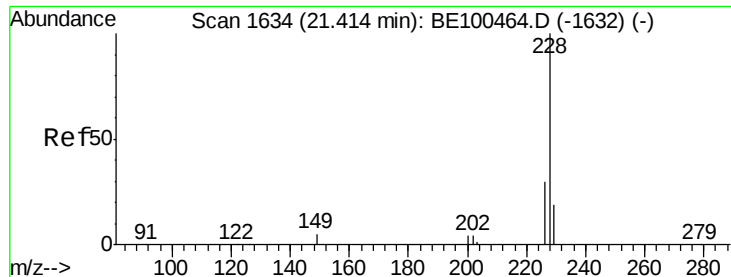
mohammad
 7/24/2019 8:30:02 AM



#30
 Benzo(a)anthracene
 Concen: 23.990 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.02 min
 Lab File: BE100474.D
 Acq: 19 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.3	31.9
229	23.2	16.6	25.0





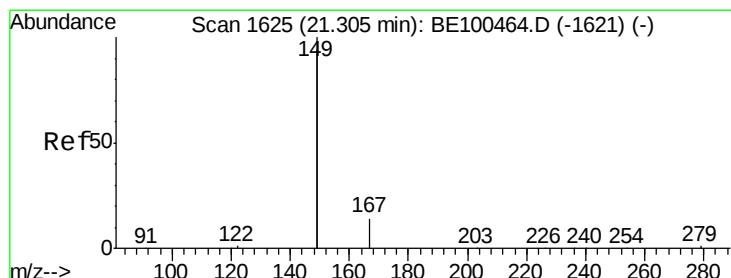
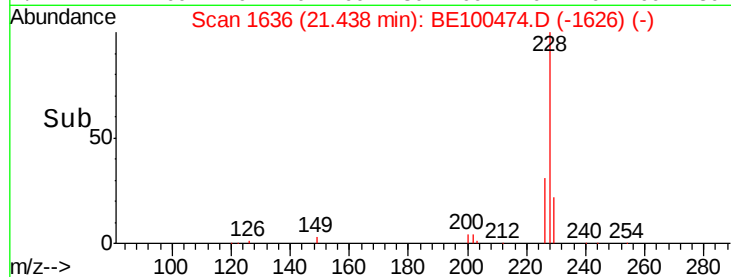
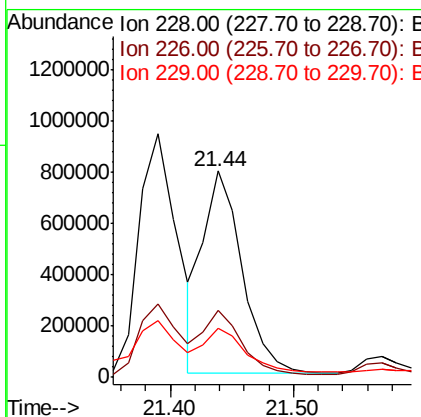
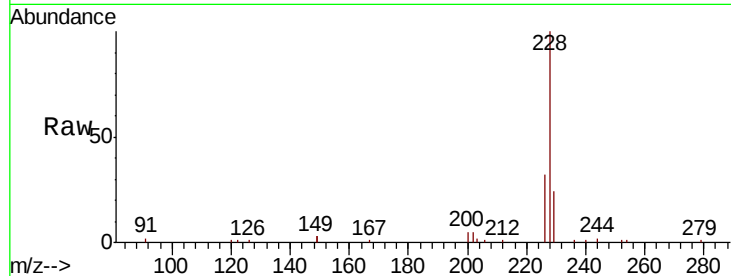
#31
 Chrvsene
 Concen: 20.331 ng
 RT: 21.44 min Scan# 1636
 Delta R.T. 0.02 min
 Lab File: BE100474.D
 Acq: 19 Jul 2019 17:52

Instrument :
 BNA_E
 ClientSampleId :
 HJDC-COMP1MSD

Tot Ion:228 Resp: 1749876
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.5 36.7
 229 23.7 16.0 24.0

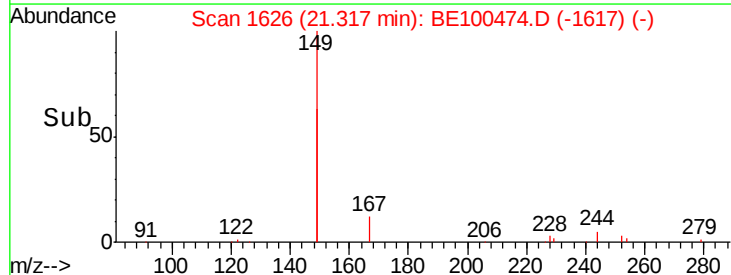
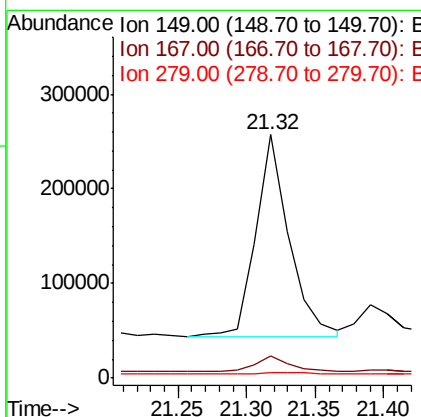
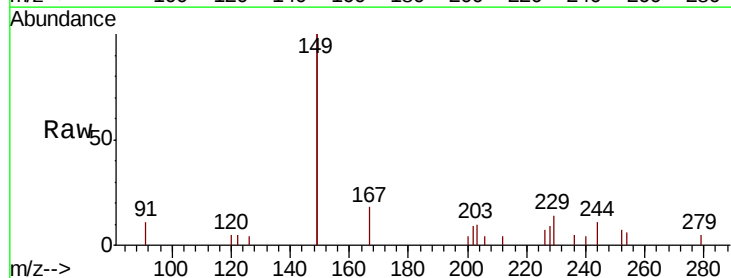
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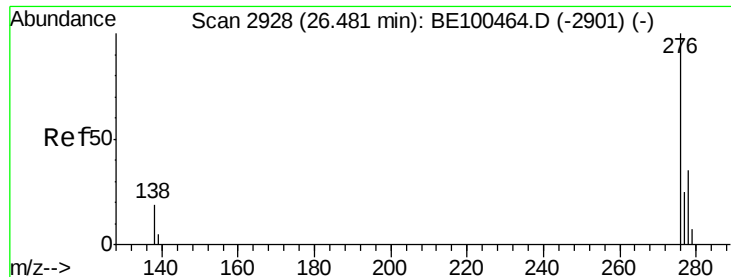
mohammad
 7/24/2019 8:30:02 AM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.863 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BE100474.D
 Acq: 19 Jul 2019 17:52

Tgt Ion:149 Resp: 356734
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.8 8.6
 279 1.5 0.8 1.2#





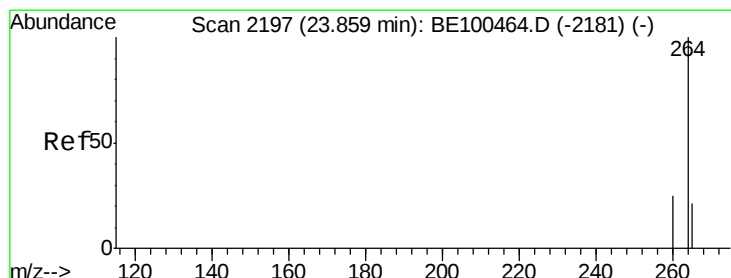
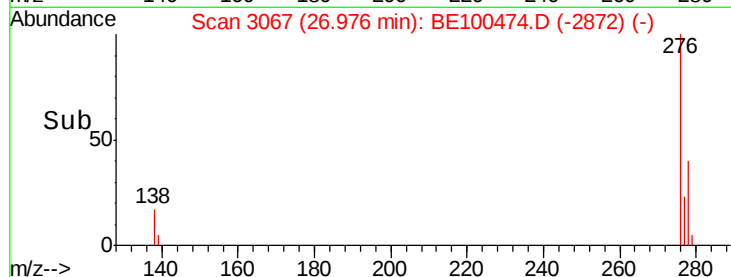
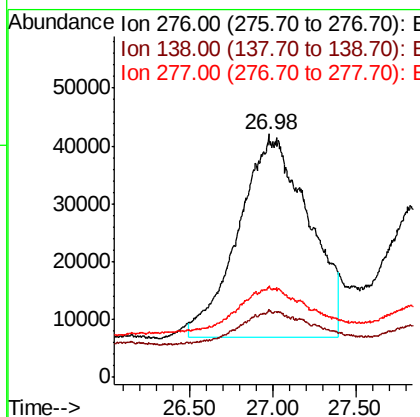
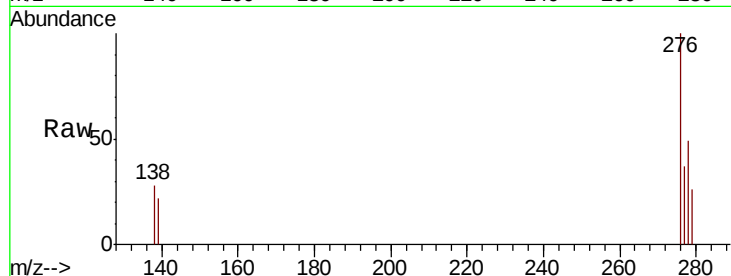
#33
Indeno(1,2,3-cd)pyrene
Concen: 10.930 ng m
RT: 26.98 min Scan# 3067
Delta R.T. 0.50 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

Tot Ion:276 Resp: 1017006
Ion Ratio Lower Upper
276 100
138 0.0 17.4 26.0#
277 0.0 19.4 29.0#

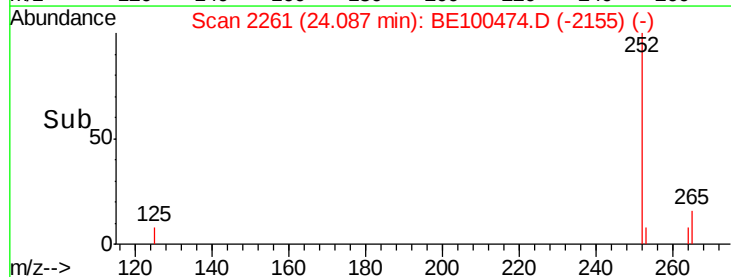
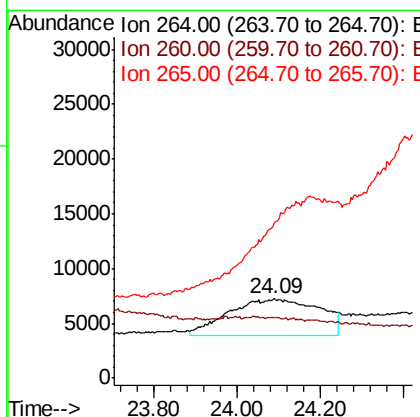
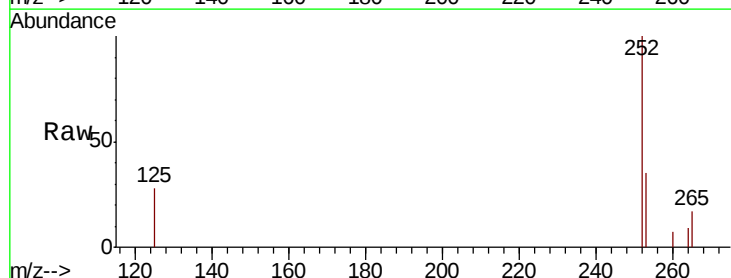
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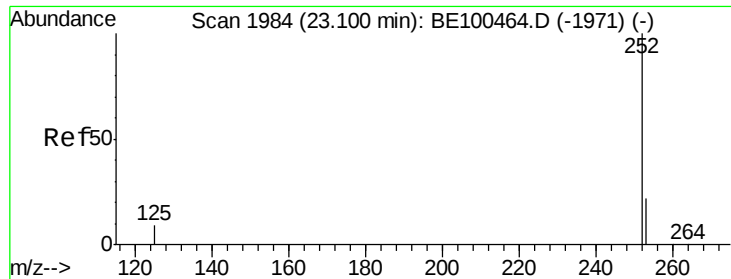
mohammad
7/24/2019 8:30:02 AM



#34
Perylene-d12
Concen: 0.400 ng m
RT: 24.09 min Scan# 2261
Delta R.T. 0.23 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Tgt Ion:264 Resp: 49666
Ion Ratio Lower Upper
264 100
260 76.4 20.7 31.1#
265 195.5 23.4 35.0#





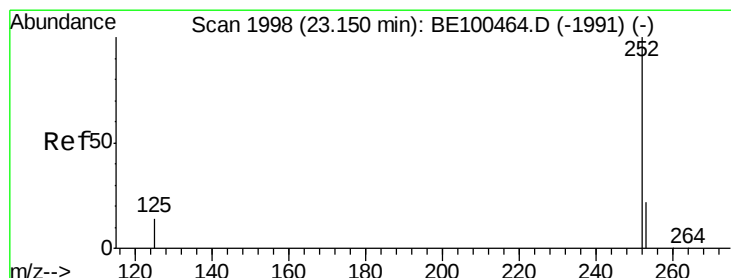
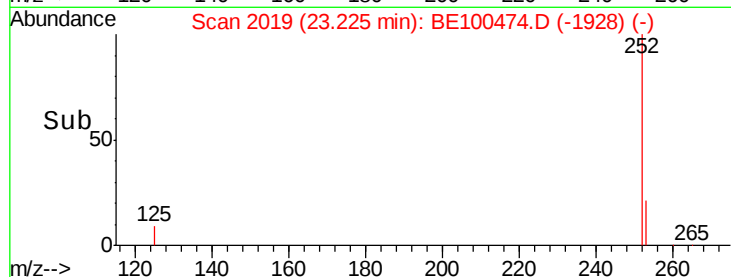
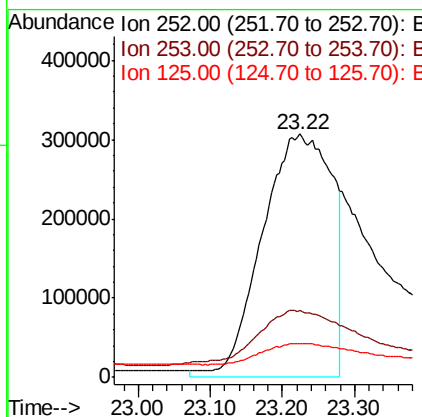
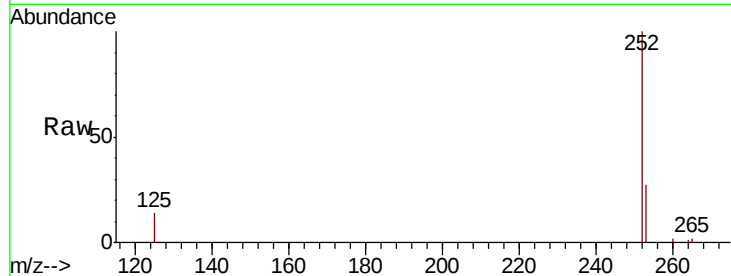
#35
Benzo(b)fluoranthene
Concen: 14.805 ng m
RT: 23.22 min Scan# 2019
Delta R.T. 0.12 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

Tot Ion:252 Resp: 2031737
Ion Ratio Lower Upper
252 100
253 27.4 18.5 27.7
125 13.9 9.0 13.4#

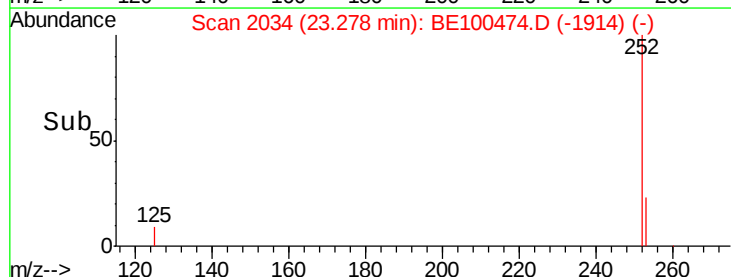
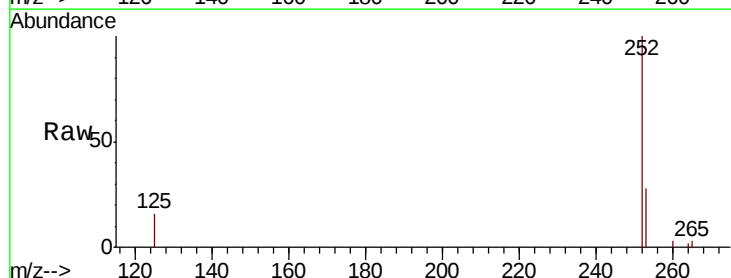
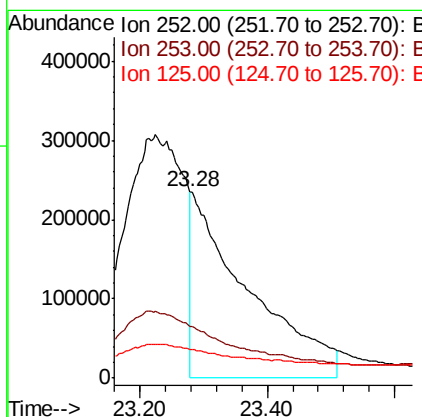
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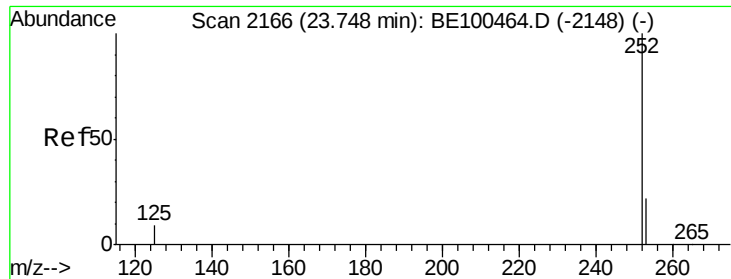
mohammad
7/24/2019 8:30:02 AM



#36
Benzo(k)fluoranthene
Concen: 9.945 ng m
RT: 23.28 min Scan# 2034
Delta R.T. 0.13 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Tgt Ion:252 Resp: 1450171
Ion Ratio Lower Upper
252 100
253 27.9 19.0 28.4
125 15.5 11.8 17.8





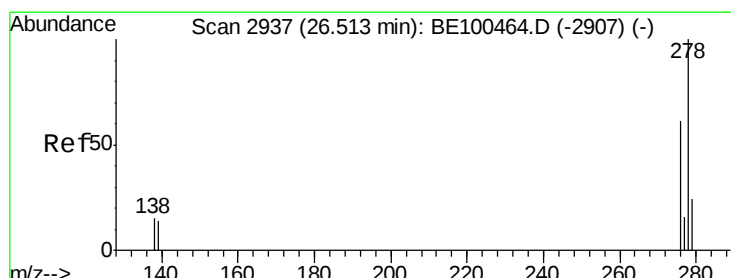
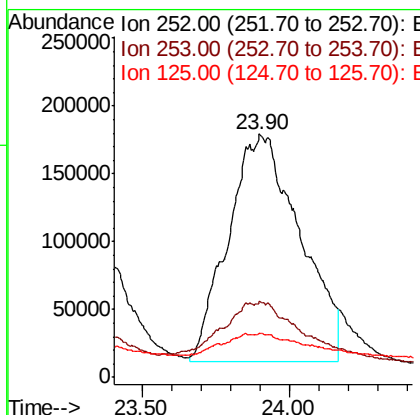
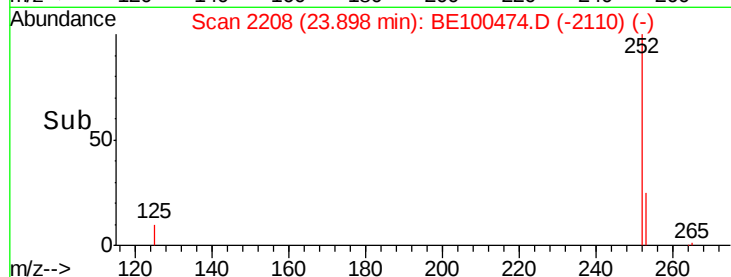
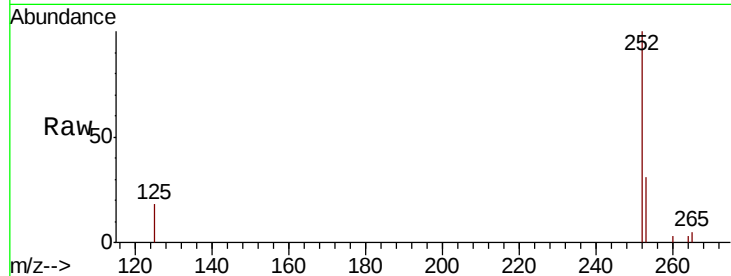
#37
Benzo(a)pyrene
Concen: 21.366 ng m
RT: 23.90 min Scan# 2208
Delta R.T. 0.15 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP1MSD

Tot Ion:252 Resp: 2827987
Ion Ratio Lower Upper
252 100
253 31.0 19.1 28.7#
125 18.0 10.0 15.0#

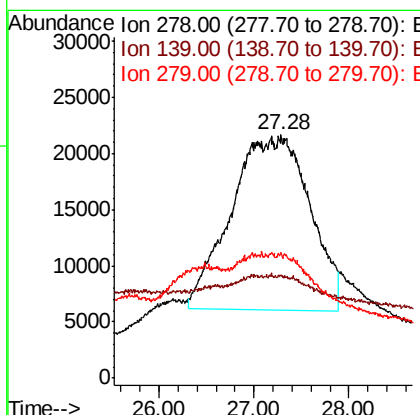
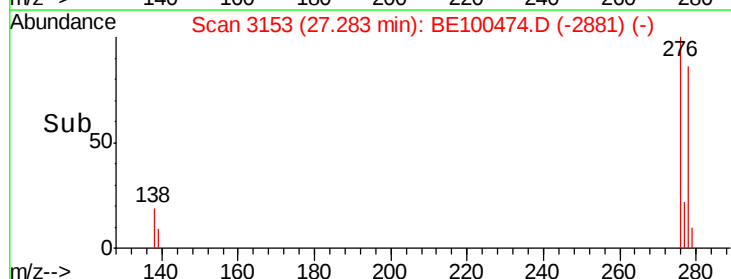
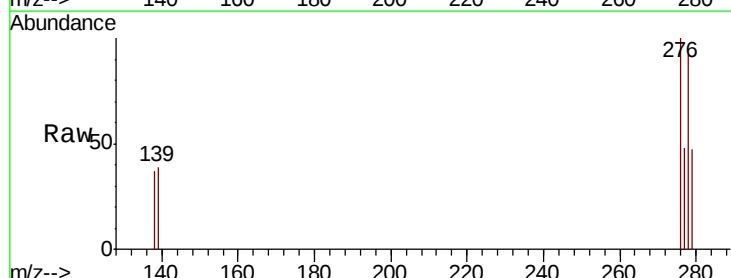
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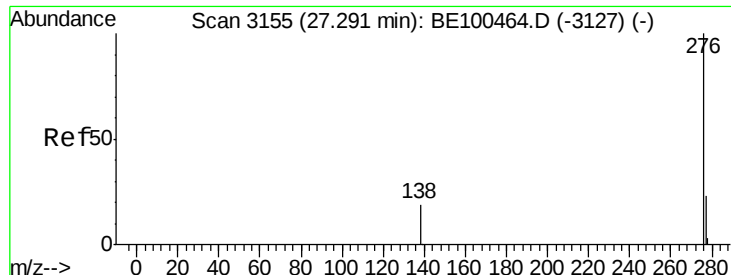
mohammad
7/24/2019 8:30:02 AM



#38
Dibenzo(a,h)anthracene
Concen: 7.141 ng m
RT: 27.28 min Scan# 3153
Delta R.T. 0.77 min
Lab File: BE100474.D
Acq: 19 Jul 2019 17:52

Tgt Ion:278 Resp: 890400
Ion Ratio Lower Upper
278 100
139 42.1 13.0 19.6#
279 51.7 20.4 30.6#





#39
 Benzo(a,h,i)perylene
 Concen: 7.356 ng/ml
 RT: 27.88 min Scan# 3320
 Delta R.T. 0.59 min
 Lab File: BE100474.D
 Acq: 19 Jul 2019 17:52

Instrument :
 BNA_E
 ClientSampleId :
 HJDC-COMP1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	41.2	19.9	29.9#
138	30.0	16.7	25.1#

Manual Integrations
 APPROVED

mohammad
 7/24/2019 8:30:02 AM

