

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
 Data File : BE100761.D
 Acq On : 22 Nov 2019 16:58
 Operator : JU
 Sample : K5969-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 HF-102SMSD

Manual Integrations
 APPROVED

mohammad
 11/26/2019 8:10:53 AM

Quant Time: Nov 23 05:17:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 06:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5735	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	23881	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13116	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	29897	0.40	ng	0.00
27) Chrysene-d12	21.32	240	37008	0.40	ng	0.00
34) Perylene-d12	23.77	264	42506	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2629	0.17	ng	0.00
5) Phenol-d6	6.93	99	3248	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	5188	0.68	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	13035m	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1297	0.70	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	19349	0.38	ng	0.00
25) Fluoranthene-d10	19.17	212	162273	0.44	ng	0.00
29) Terphenyl-d14	19.77	244	39241	0.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	34129	3.173	ng	97
3) n-Nitrosodimethylamine	3.65	42	1517	0.324	ng	# 84
6) bis(2-Chloroethyl)ether	7.20	93	7479	0.398	ng	95
9) Naphthalene	10.59	128	97708	0.385	ng	100
10) Hexachlorobutadiene	10.90	225	3316	0.341	ng	99
12) 2-Methylnaphthalene	12.22	142	14576	0.364	ng	99
16) Acenaphthylene	14.13	152	20835	0.369	ng	100
17) Acenaphthene	14.47	154	14463	0.382	ng	99
18) Fluorene	15.43	166	17741	0.367	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	5233	0.356	ng	97
21) Hexachlorobenzene	16.45	284	4812	0.313	ng	99
22) Pentachlorophenol	16.79	266	3005	1.181	ng	96
23) Phenanthrene	17.17	178	33994	0.378	ng	100
24) Anthracene	17.27	178	30490	0.393	ng	100
26) Fluoranthene	19.20	202	45644	0.414	ng	99
28) Pyrene	19.56	202	49253	0.430	ng	98
30) Benzo(a)anthracene	21.30	228	48976	0.392	ng	99
31) Chrysene	21.35	228	48848	0.385	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	213848	1.245	ng	98
33) Indeno(1,2,3-cd)pyrene	26.35	276	41758	0.360	ng	100
35) Benzo(b)fluoranthene	23.02	252	44263	0.332	ng	98
36) Benzo(k)fluoranthene	23.07	252	46946	0.338	ng	99
37) Benzo(a)pyrene	23.66	252	41396	0.352	ng	99
38) Dibenzo(a,h)anthracene	26.38	278	33637	0.272	ng	98
39) Benzo(g,h,i)perylene	27.14	276	36930	0.319	ng	99

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

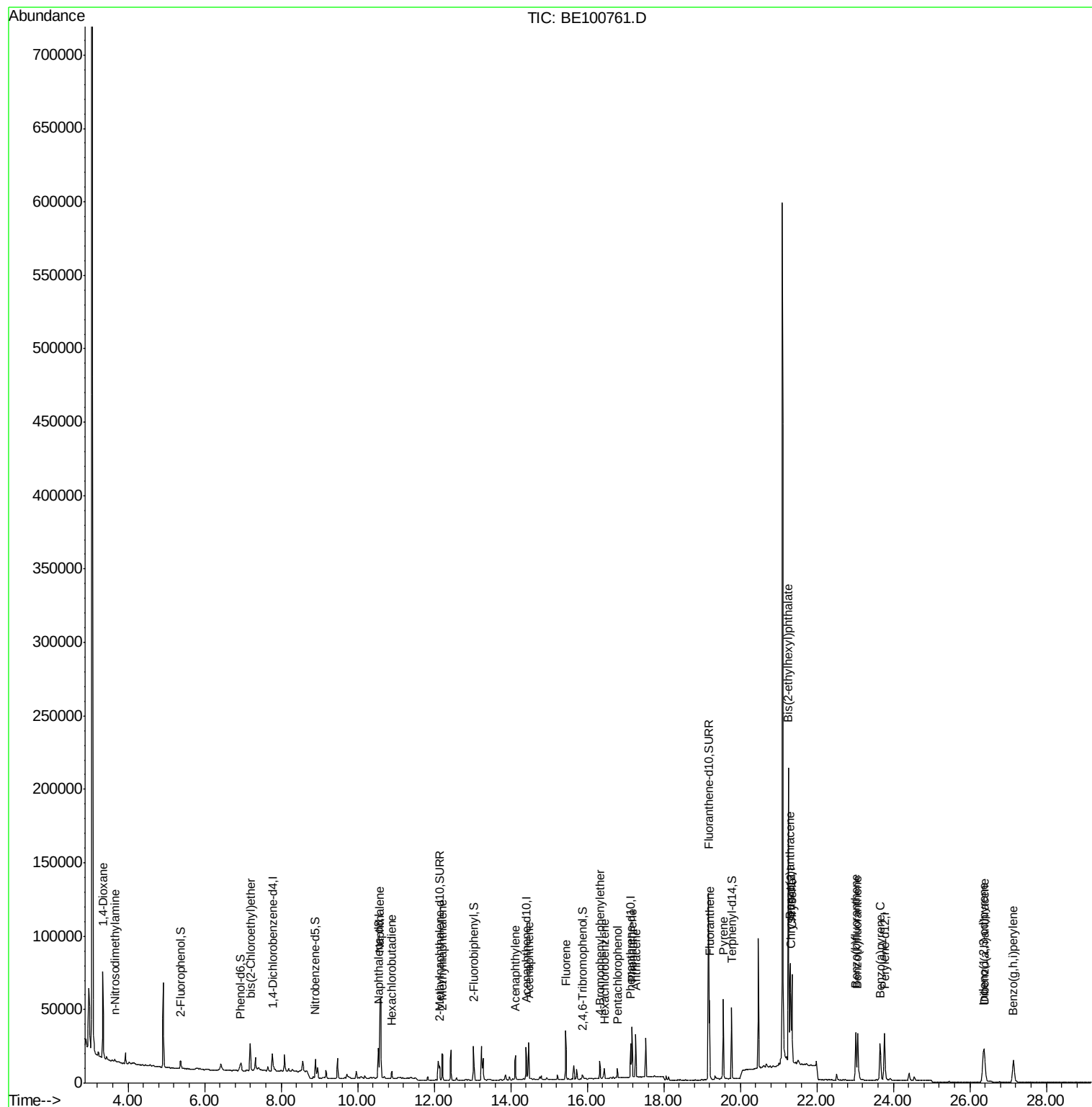
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100761.D
Acq On : 22 Nov 2019 16:58
Operator : JU
Sample : K5969-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

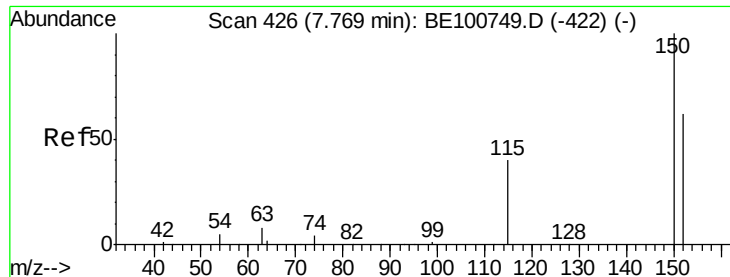
Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

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11/26/2019 8:10:53 AM

Quant Time: Nov 23 05:17:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration





#1

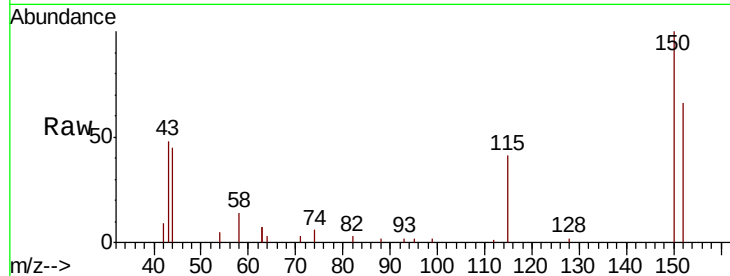
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	127.1	190.7
115	62.4	53.0	79.4

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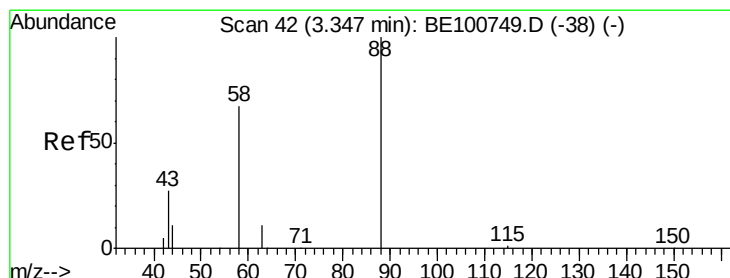
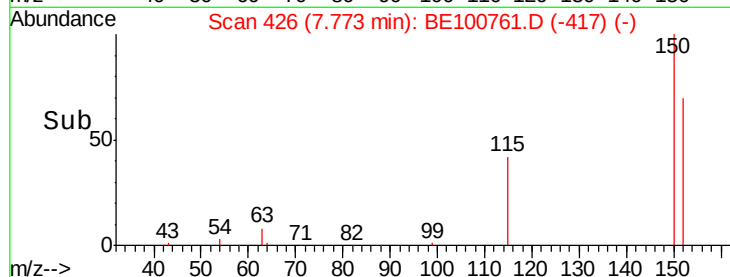
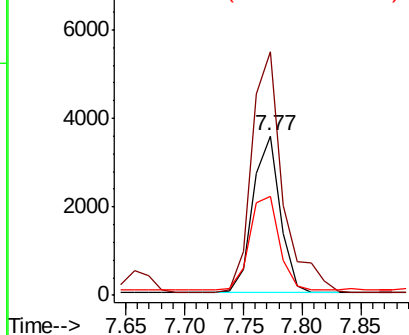


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

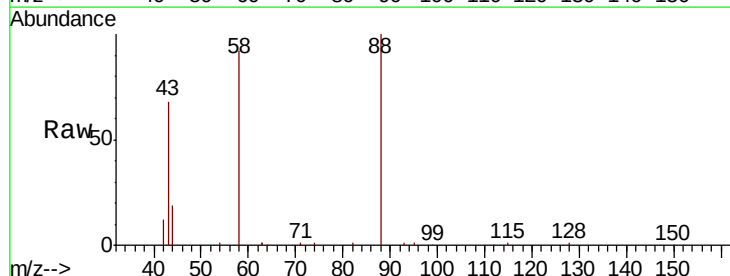
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 3.173 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	60.7	91.1
43	37.8	27.4	41.2

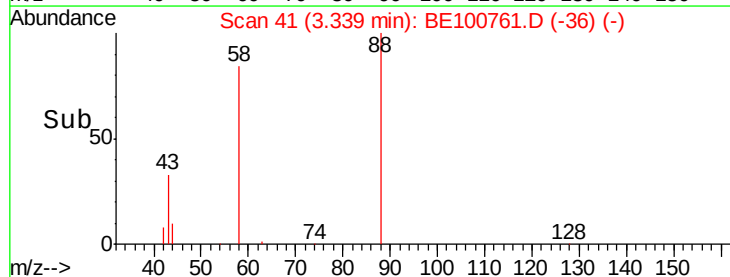
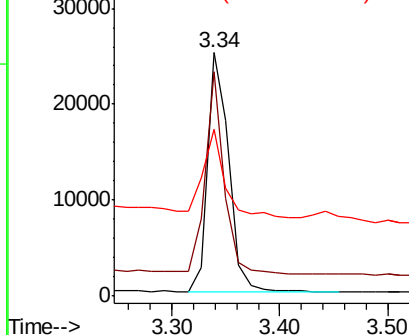


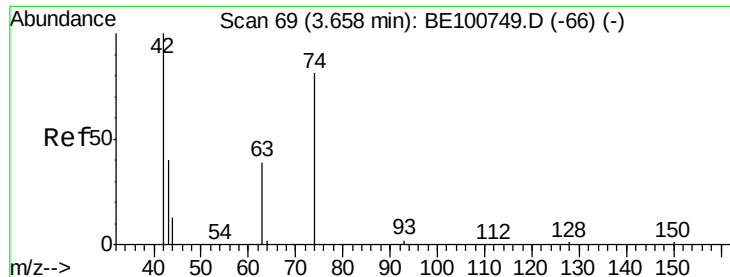
Abundance

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

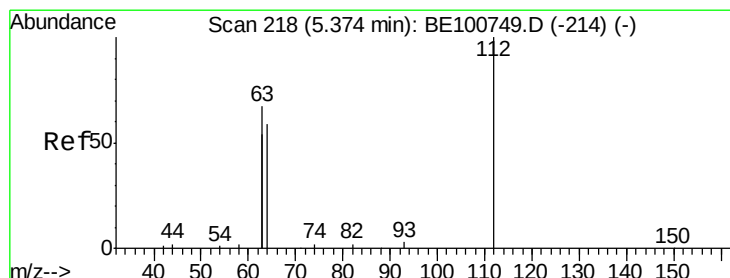
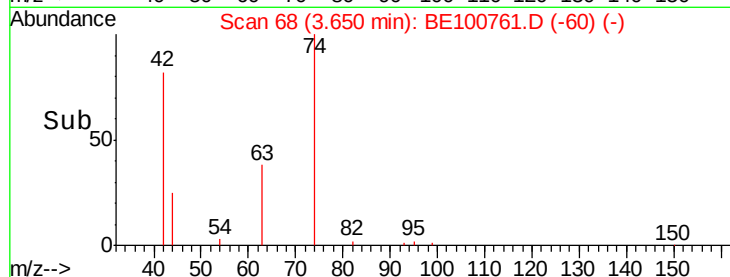
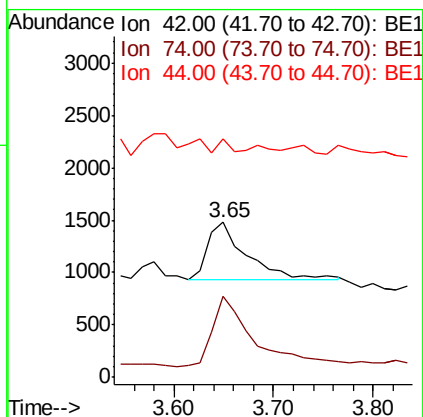
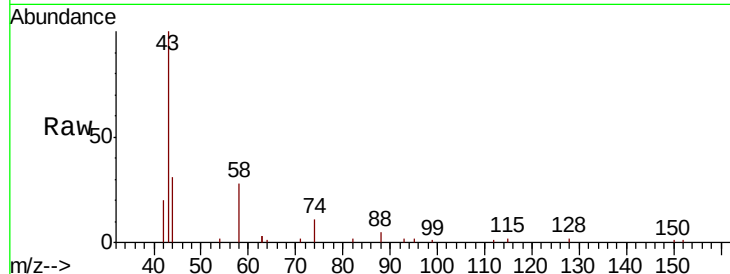
n-Nitrosodimethylamine
 Concen: 0.324 ng
 RT: 3.65 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BE100761.D
 Acq: 22 Nov 2019 16:58

Instrument :
 BNA_E
 ClientSampleId :
 HF-102SMSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	126.0	0.0	0.0#
44	0.0	4.2	6.4#

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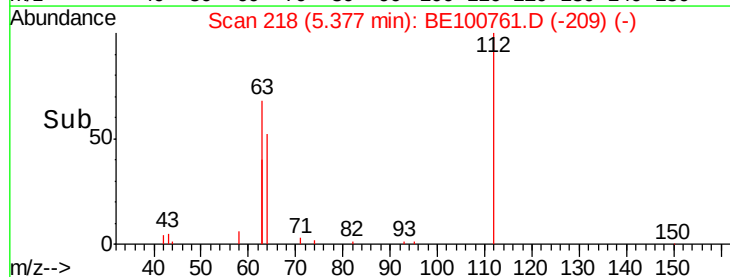
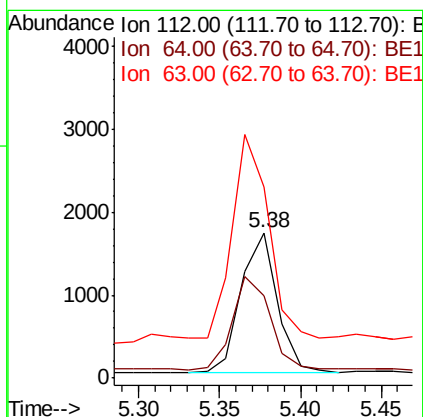
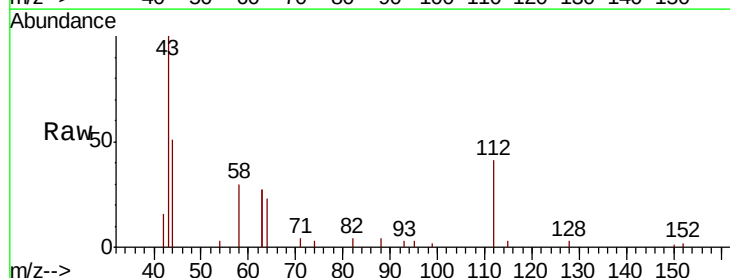
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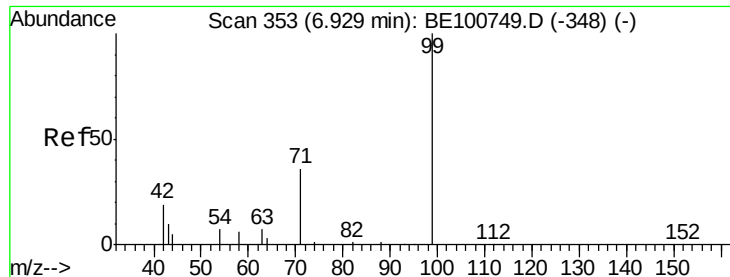


#4

2-Fluorophenol
 Concen: 0.169 ng
 RT: 5.38 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE100761.D
 Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	54.3	81.5
63	146.3	114.0	171.0





#5

Phenol-d6

Concen: 0.144 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Instrument :

BNA_E

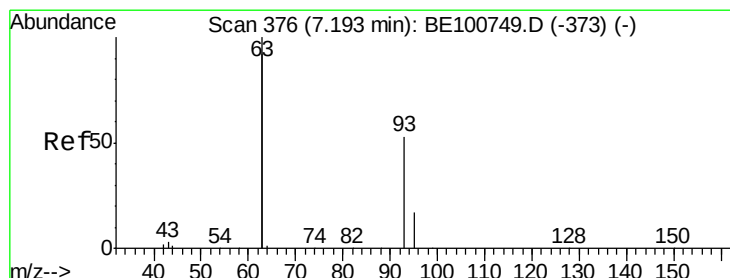
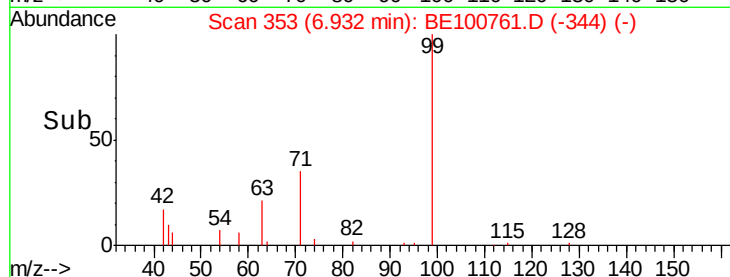
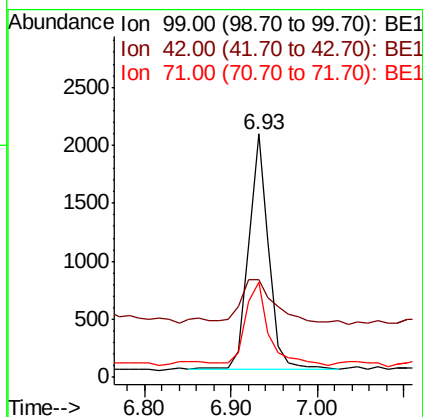
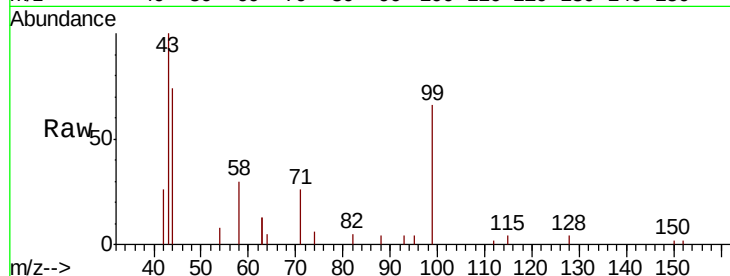
ClientSampleId :

HF-102SMSD

Tot Ion:	99	Resp:	3248
Ion	Ratio	Lower	Upper
99	100		
42	33.7	17.9	26.9#
71	40.9	29.3	43.9

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

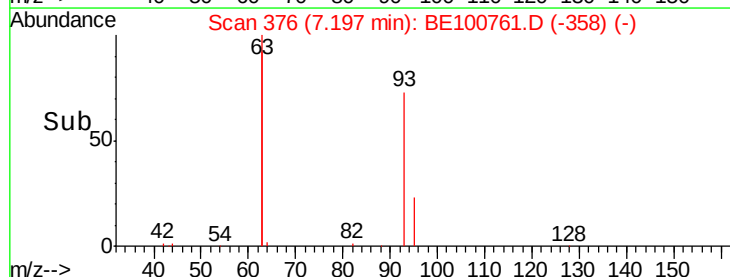
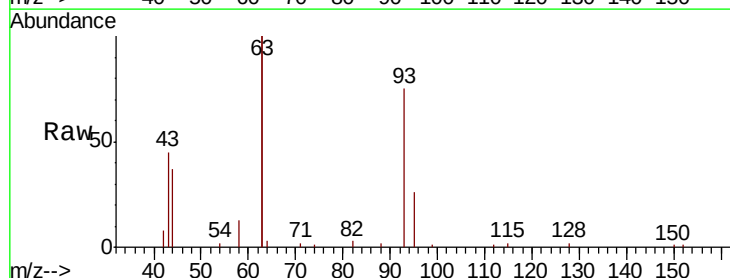
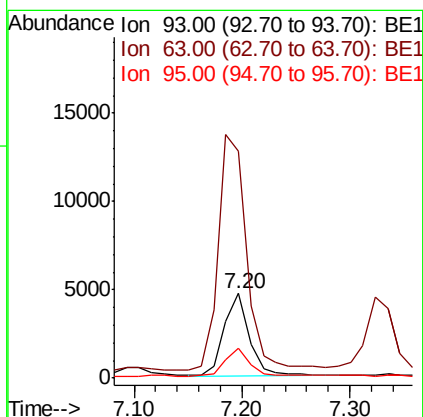
RT: 7.20 min Scan# 376

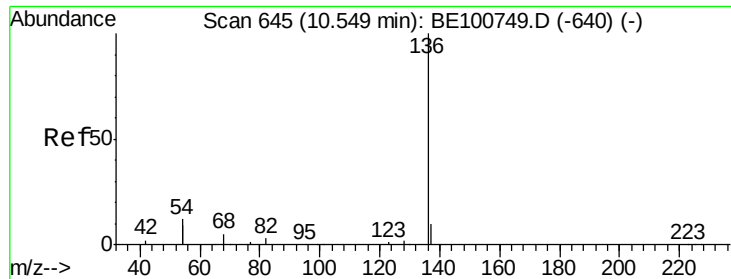
Delta R.T. 0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Tgt Ion:	93	Resp:	7479
Ion	Ratio	Lower	Upper
93	100		
63	322.8	267.0	400.6
95	31.9	26.2	39.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Instrument :

BNA_E

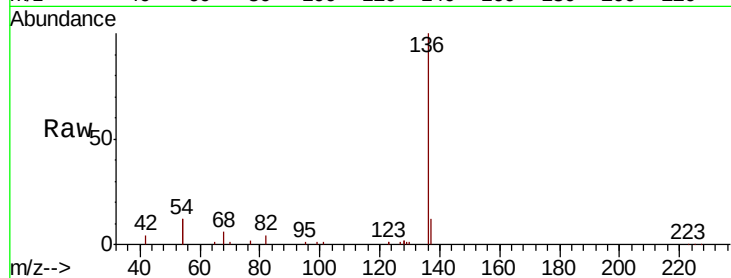
ClientSampleId :

HF-102SMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	23.5	19.4	29.0
68	5.6	4.6	6.8

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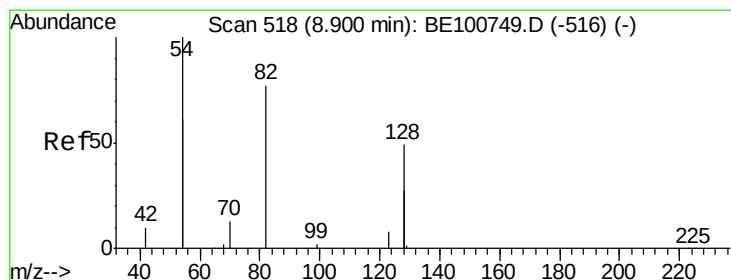
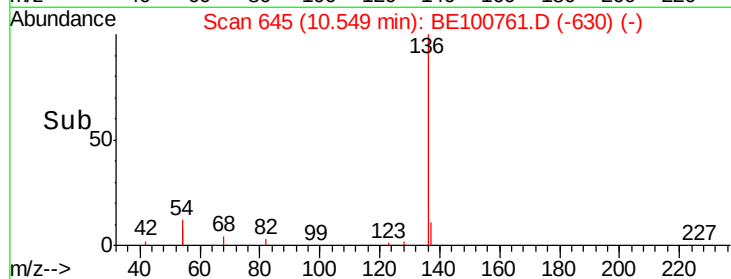
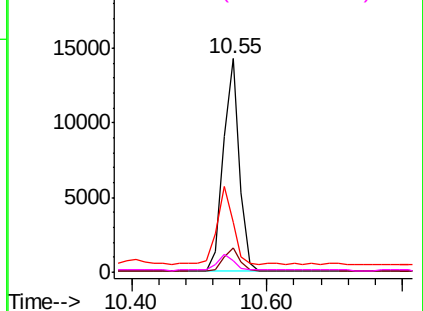


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.678 ng

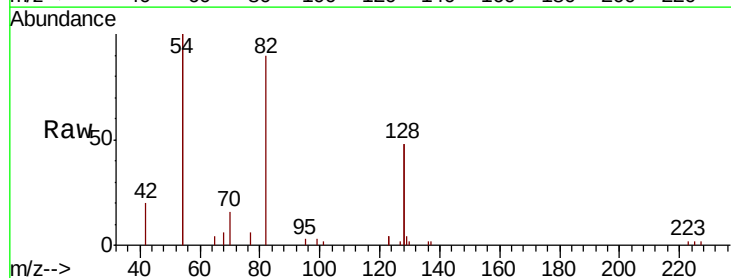
RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

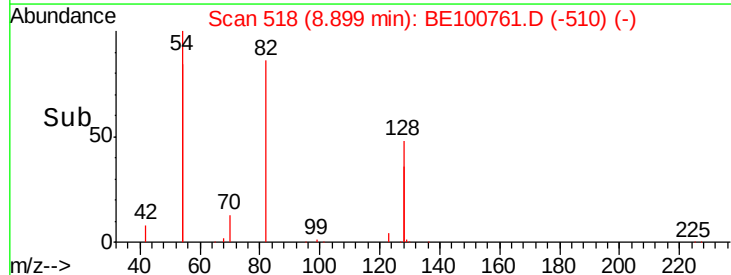
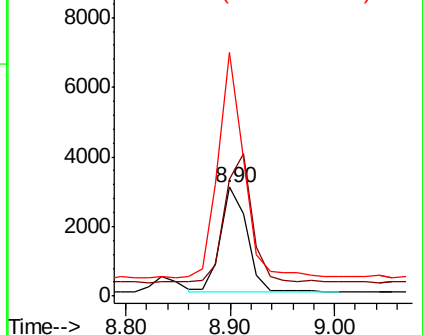
Tgt Ion	Ratio	Lower	Upper
82	100		
128	106.6	90.2	135.4
54	223.2	186.0	279.0

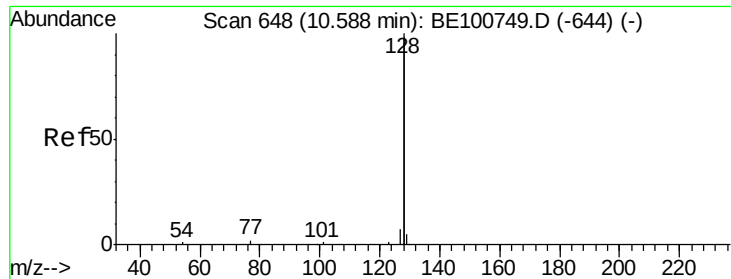


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.385 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Instrument :

BNA_E

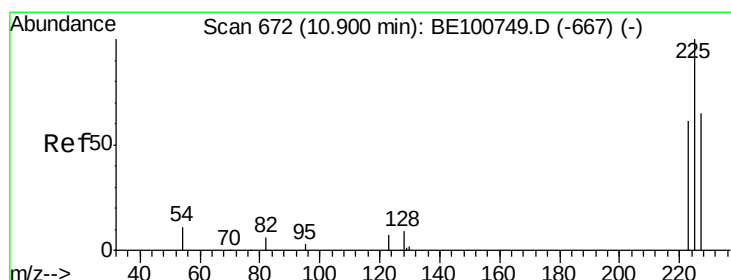
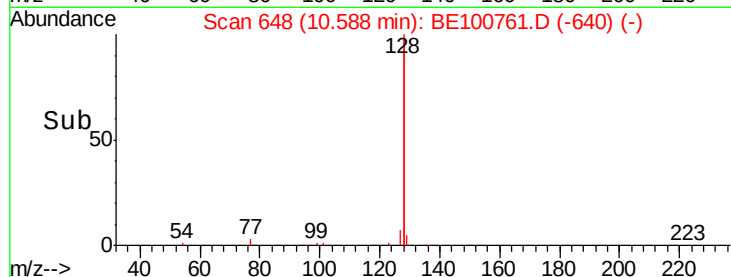
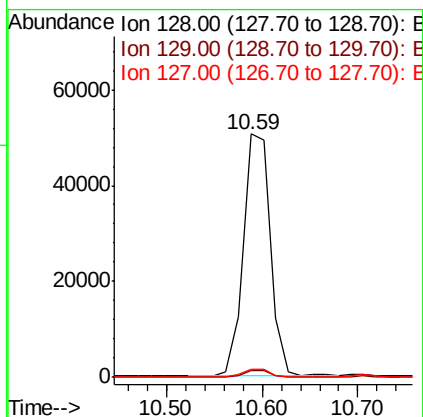
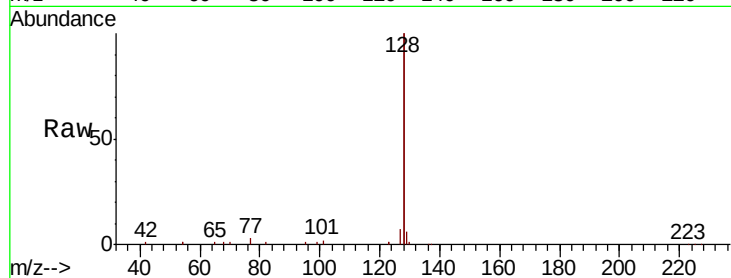
ClientSampleId :

HF-102SMSD

Tot Ion:	128	Resp:	97708
Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.4	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.341 ng

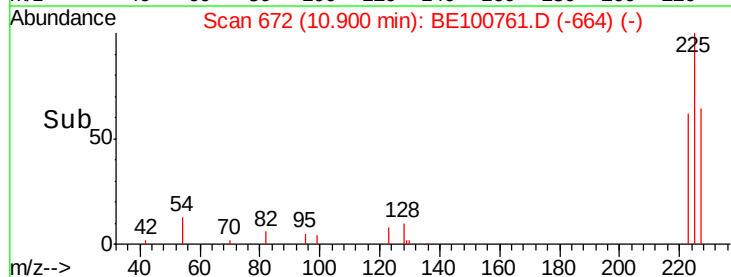
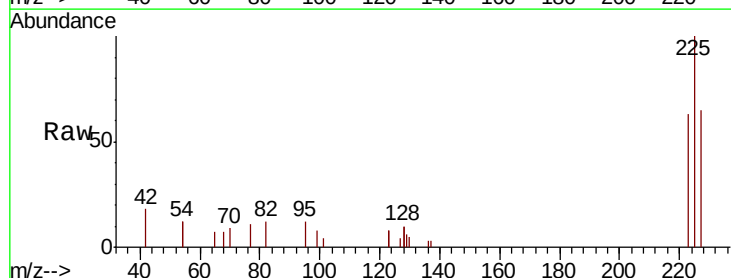
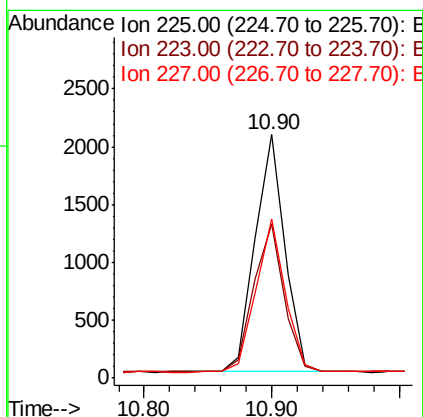
RT: 10.90 min Scan# 672

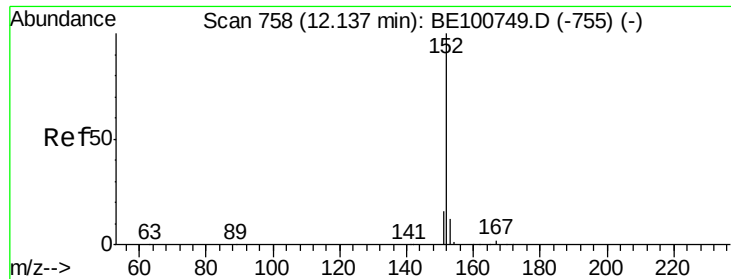
Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Tgt Ion:	225	Resp:	3316
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	64.0	52.0	78.0





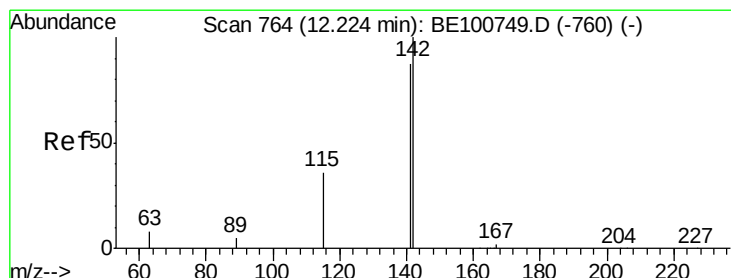
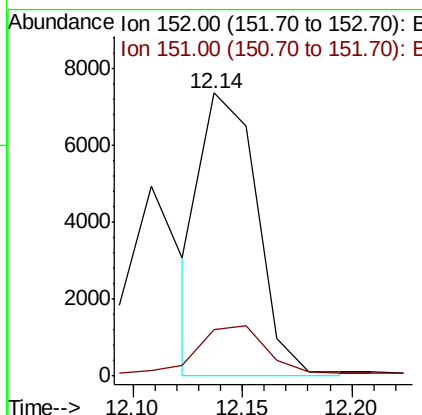
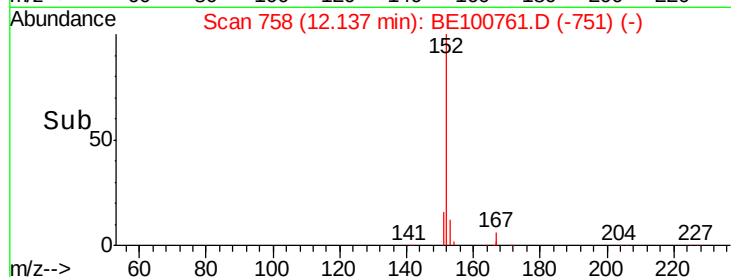
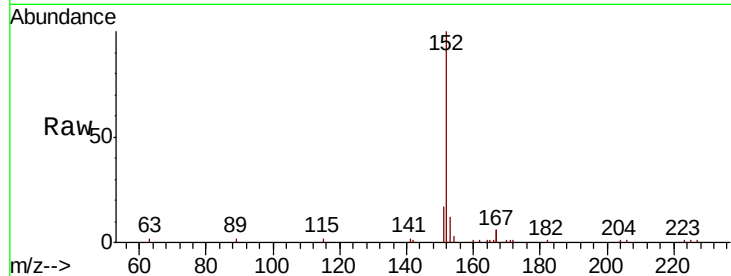
#11
2-Methylnaphthalene-d10
Concen: 0.372 ng m
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion:152 Resp: 13035
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.8

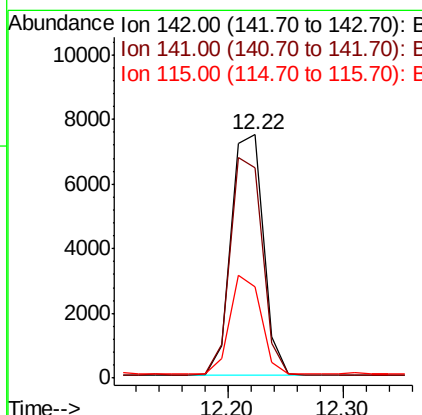
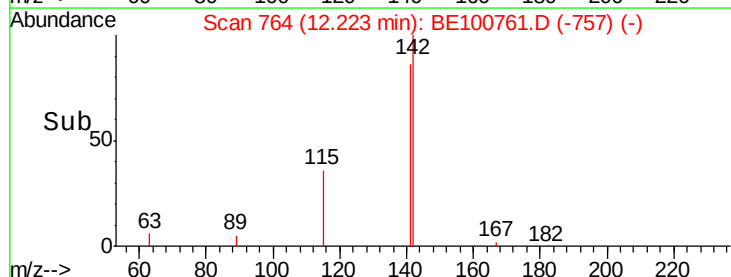
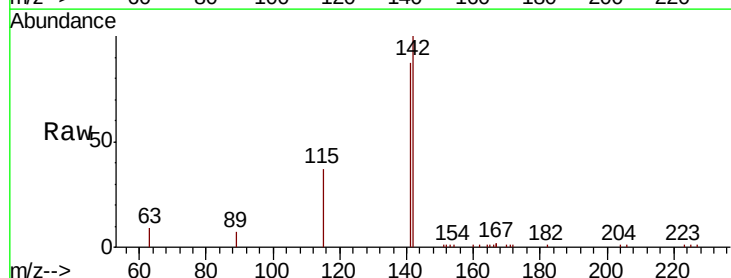
Manual Integrations
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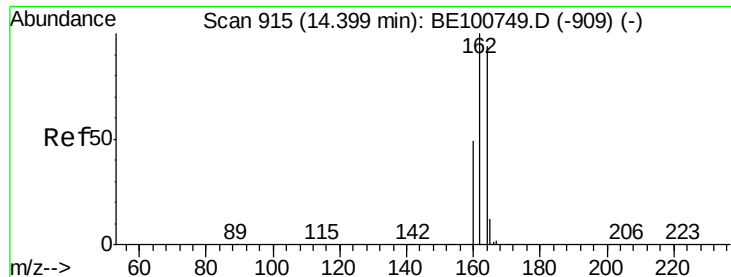
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#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion:142 Resp: 14576
Ion Ratio Lower Upper
142 100
141 86.5 69.9 104.9
115 37.4 29.5 44.3





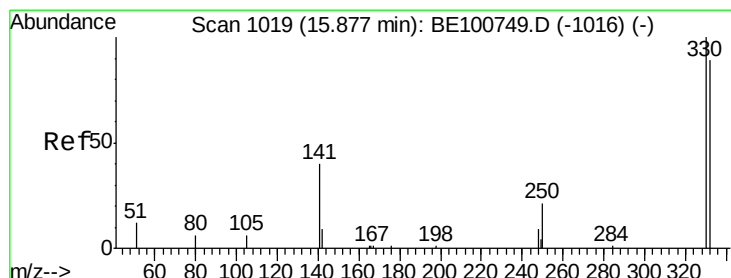
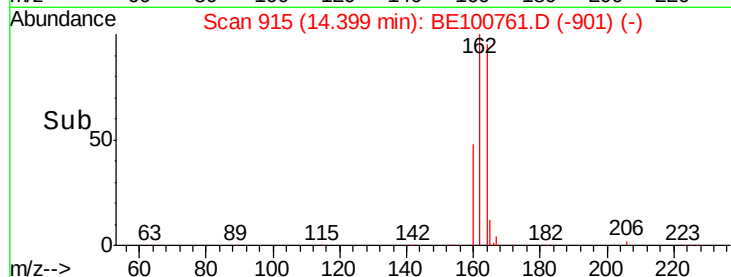
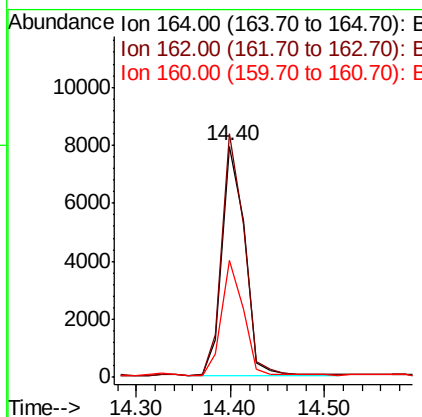
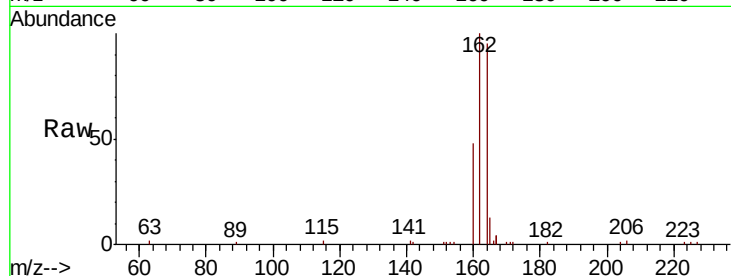
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.8	127.2
160	50.5	42.3	63.5

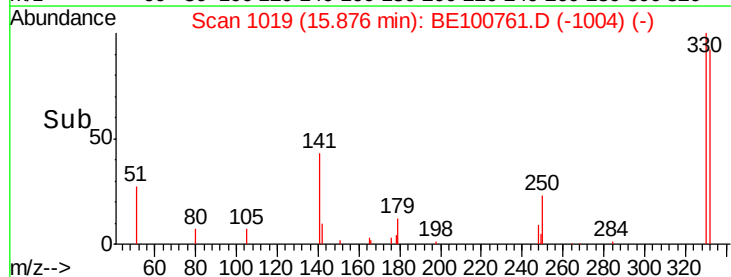
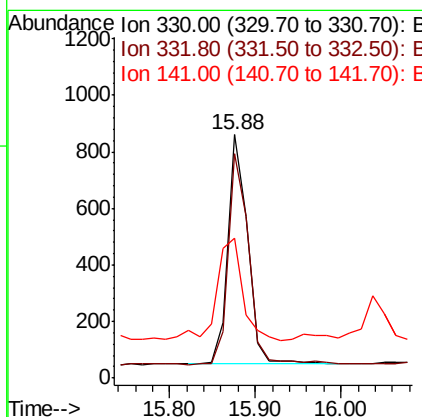
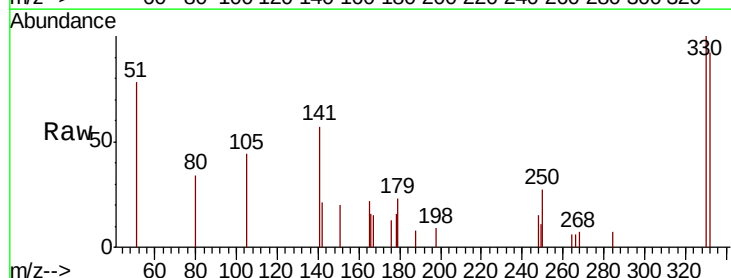
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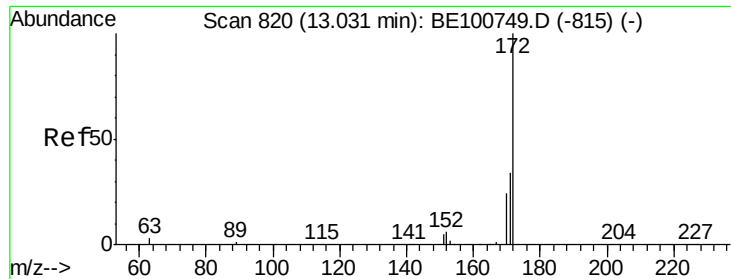
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.702 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.3	118.9
141	59.1	43.8	65.6





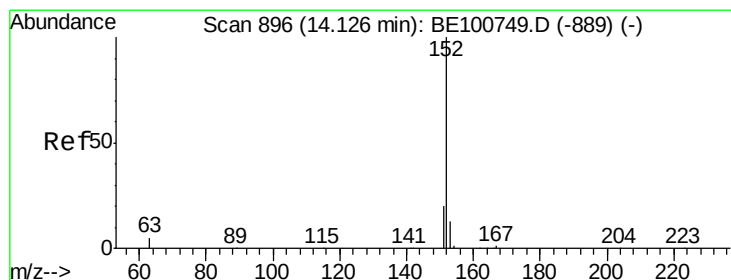
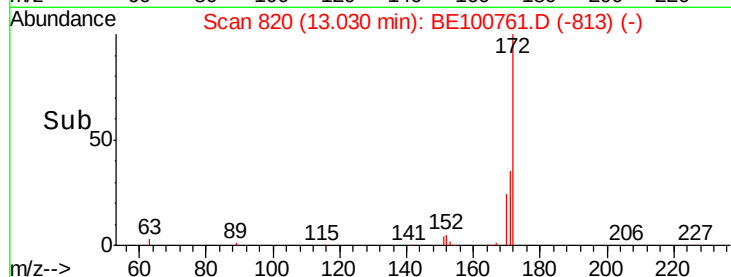
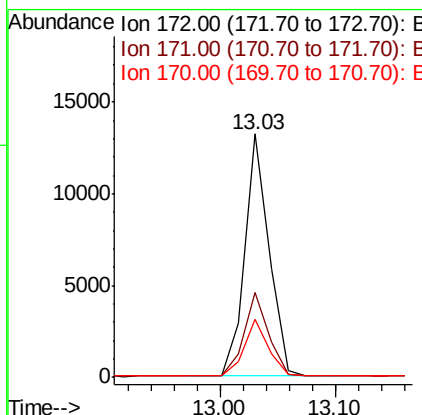
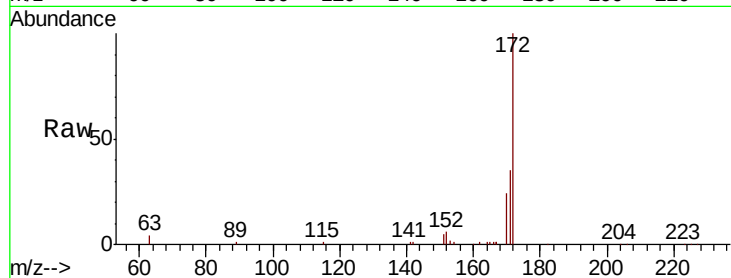
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	24.0	19.4	29.2

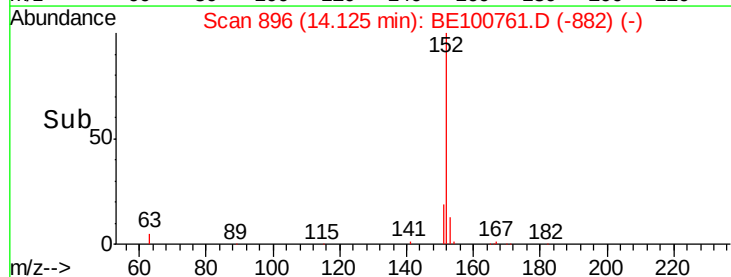
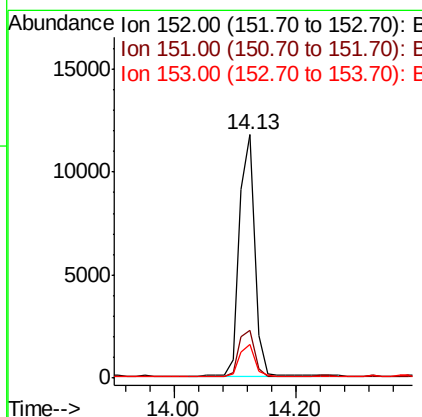
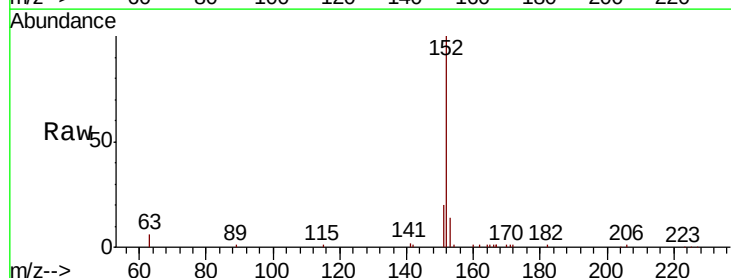
Manual Integrations
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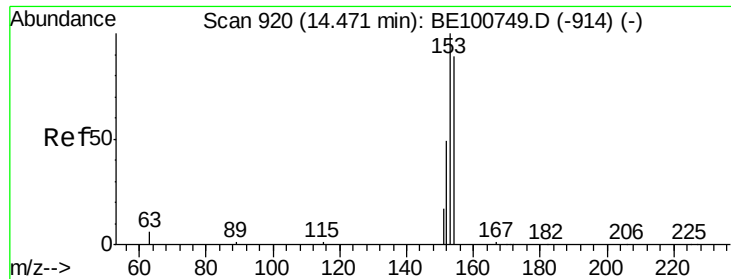
mohammad
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#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.1	10.6	15.8





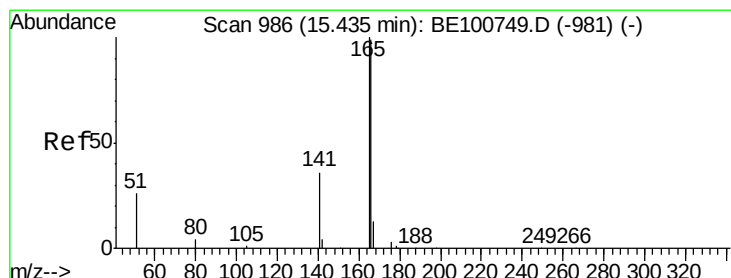
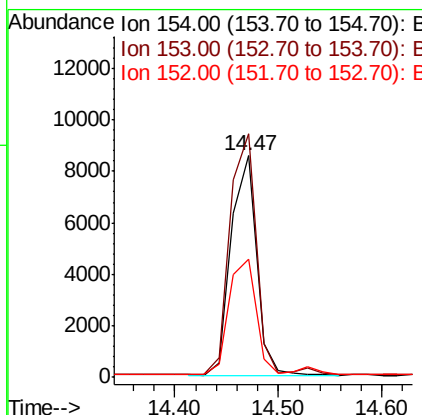
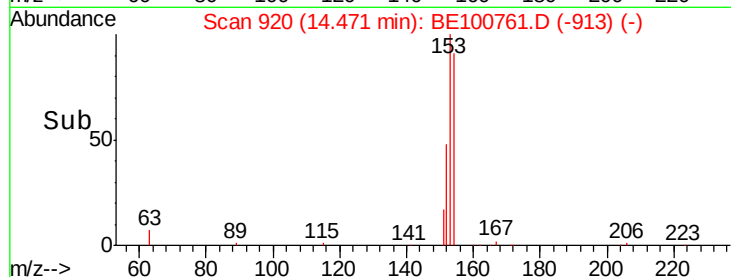
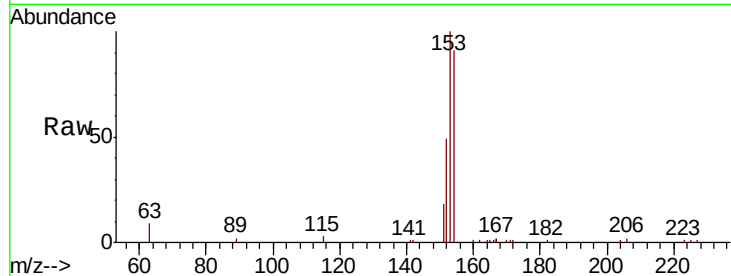
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.6	137.4
152	57.2	47.0	70.6

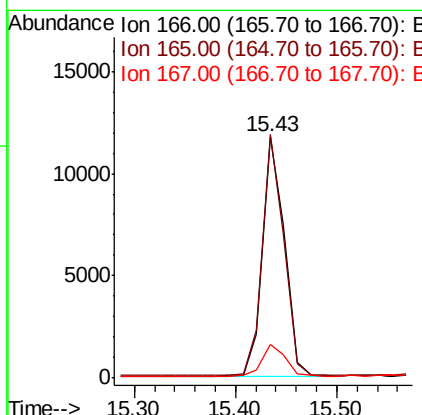
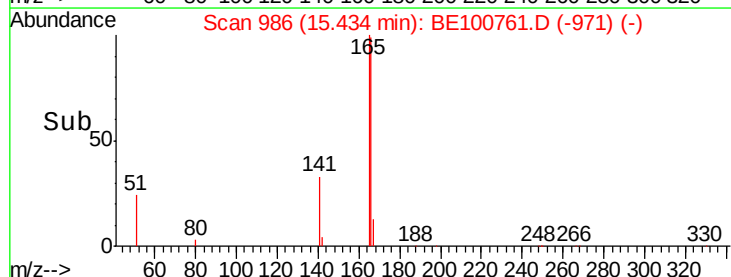
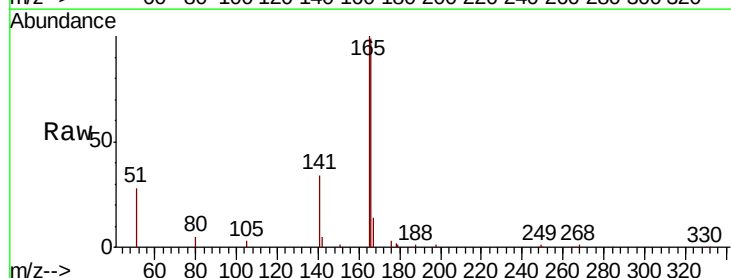
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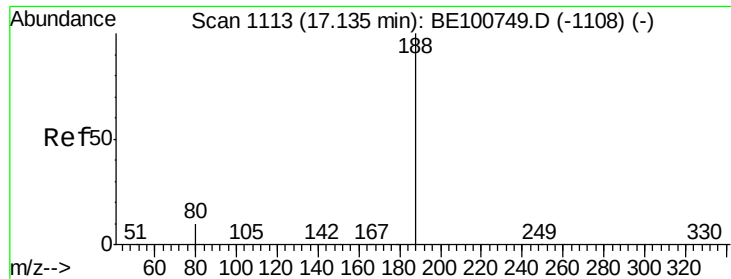
mohammad
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#18
Fluorene
Concen: 0.367 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.2	120.4
167	14.9	11.0	16.4





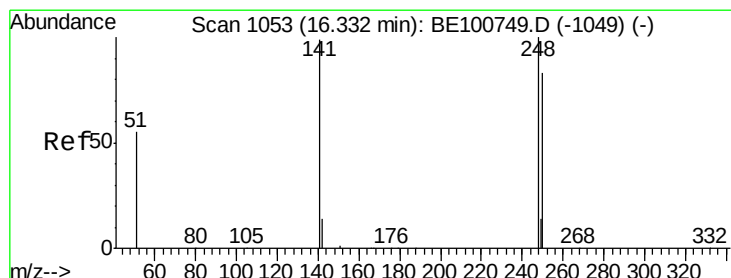
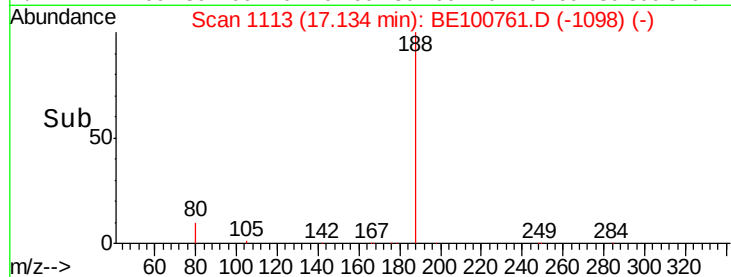
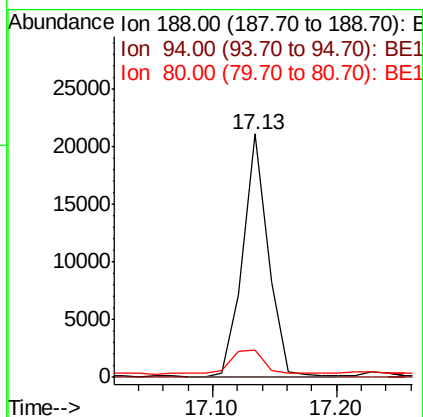
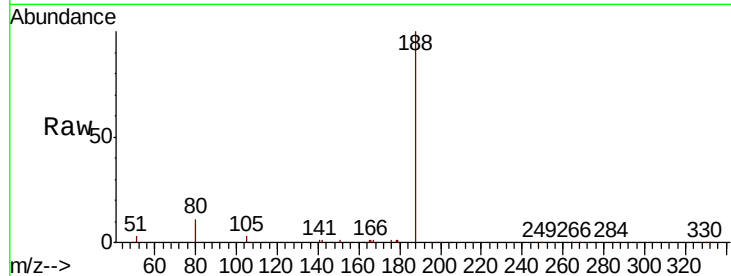
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	29897		
94	0.0	0.0	0.0	0.0
80	11.2	8.2	12.2	

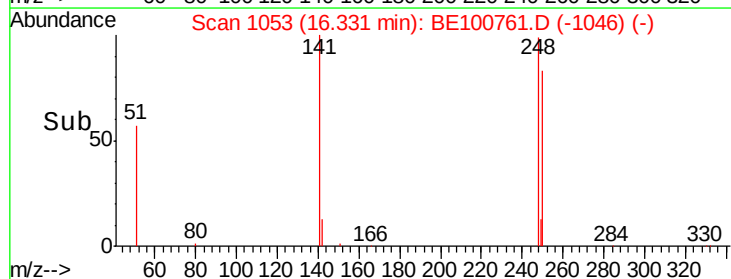
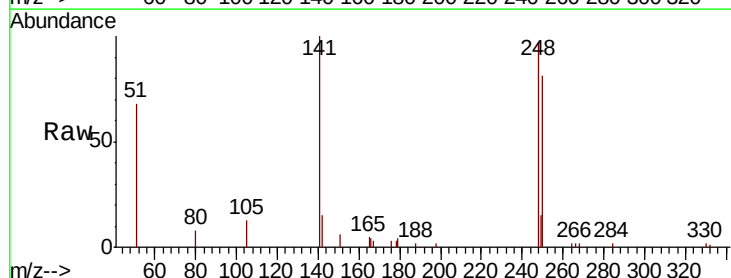
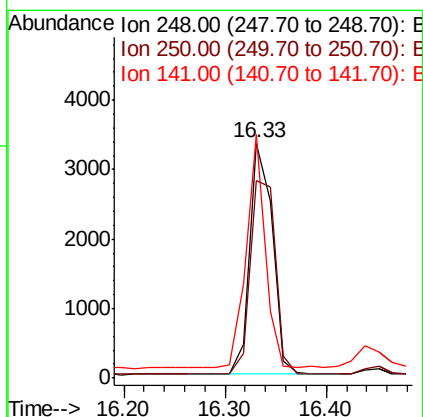
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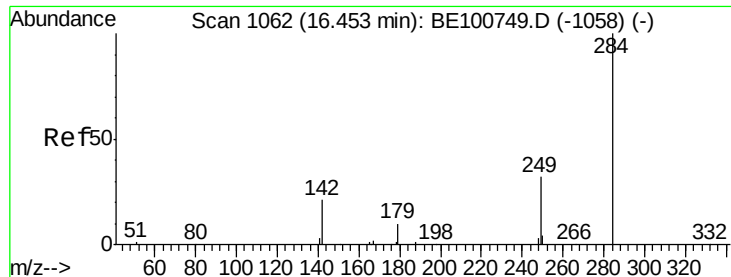
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#20
4-Bromophenyl-phenylether
Concen: 0.356 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	5233		
250	84.0	66.3	99.5	
141	103.5	79.6	119.4	





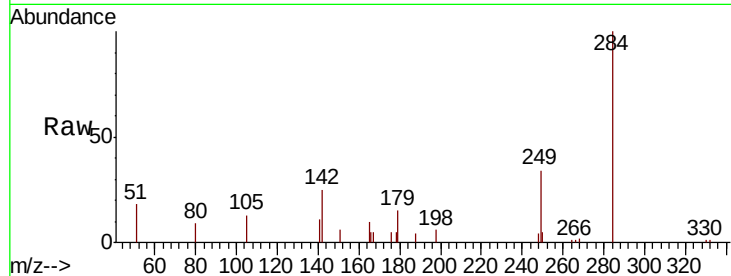
#21
Hexachlorobenzene
Concen: 0.313 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	44.3	34.9	52.3
249	36.2	28.7	43.1

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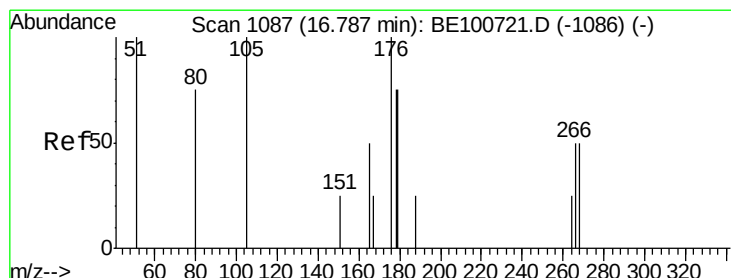
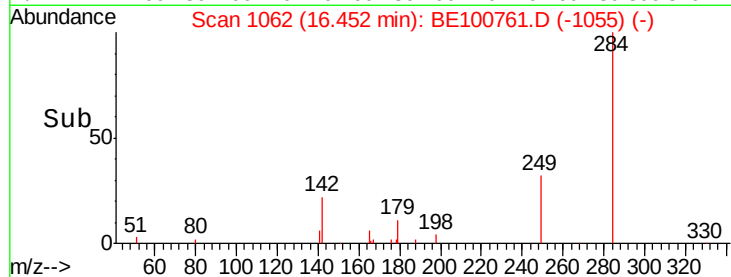
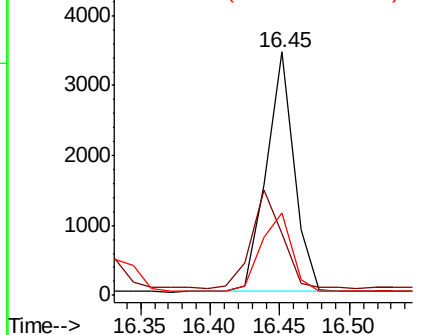


Abundance

Ion 283.80 (283.50 to 284.50): E

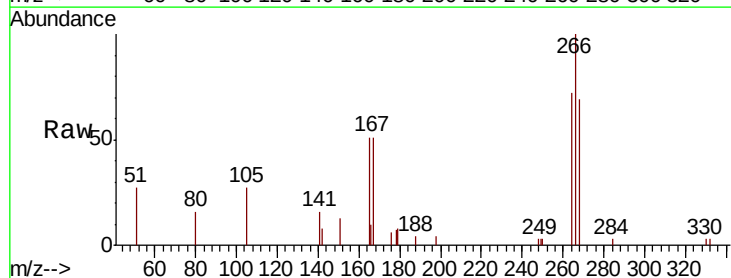
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 1.181 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	71.8	54.6	82.0
268	68.7	52.6	78.8

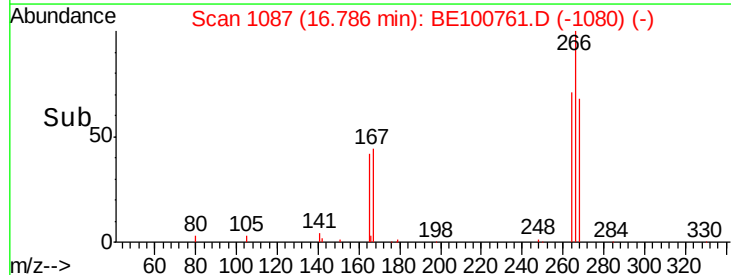
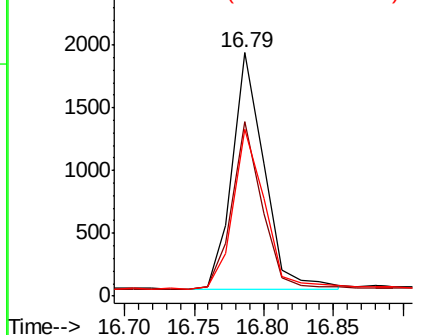


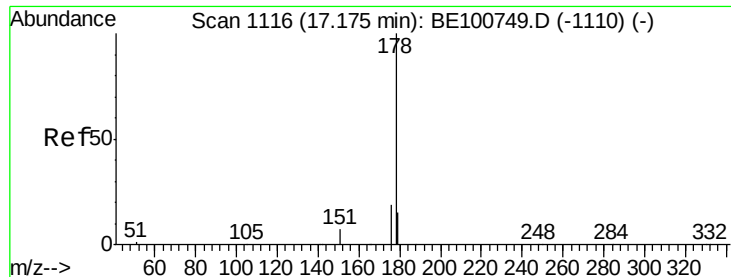
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.378 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Instrument :

BNA_E

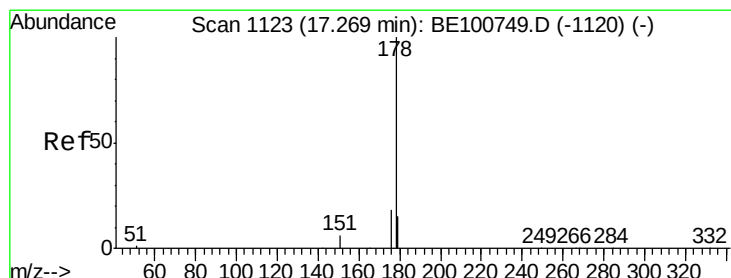
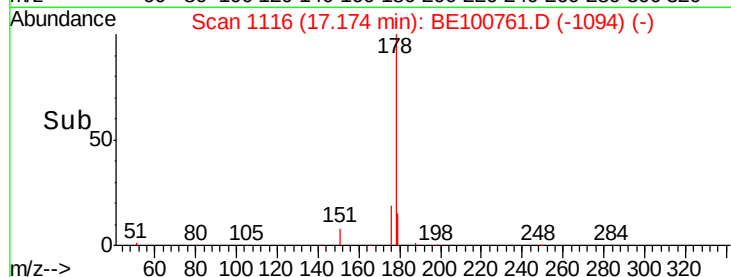
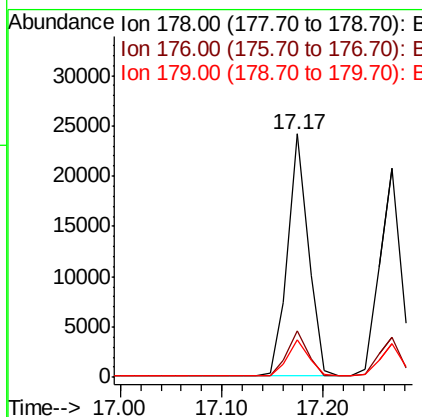
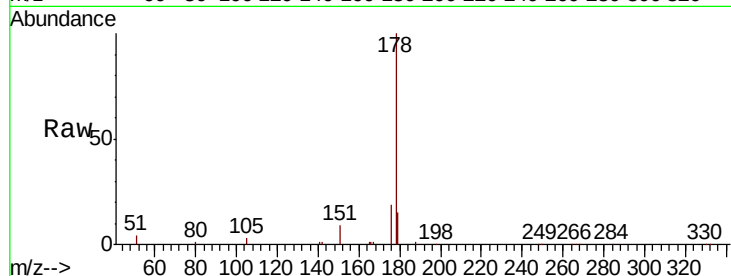
ClientSampleId :

HF-102SMSD

Tot Ion:178	Resp:	33994
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.3 22.9
179	15.2	12.5 18.7

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#24

Anthracene

Concen: 0.393 ng

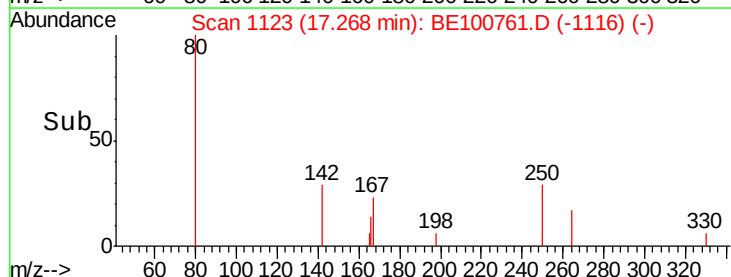
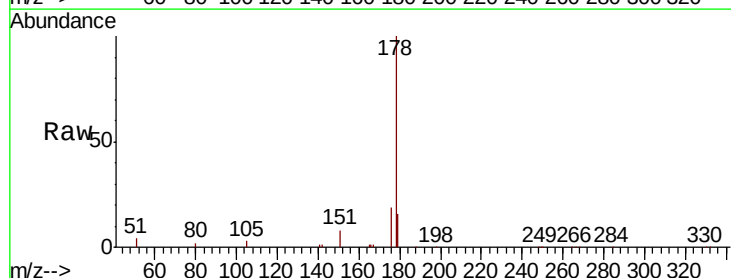
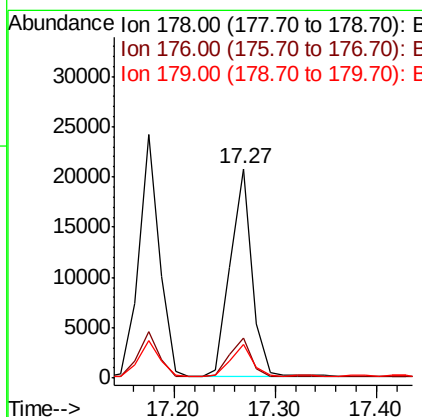
RT: 17.27 min Scan# 1123

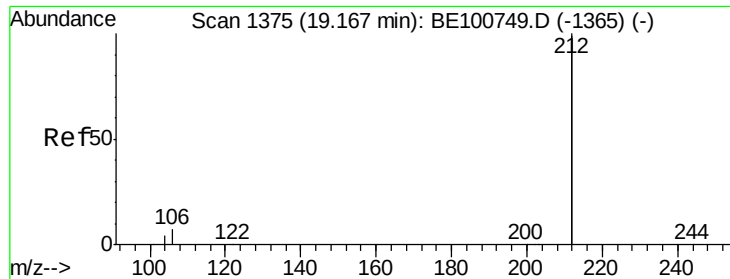
Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Tgt Ion:178	Resp:	30490
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.9 22.3
179	15.3	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.443 ng

RT: 19.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Instrument :

BNA_E

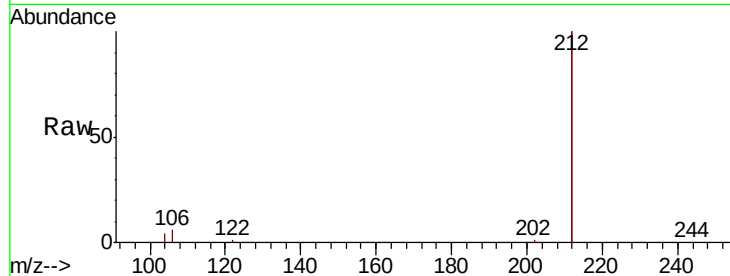
ClientSampleId :

HF-102SMSD

Tot Ion	Ratio	Resp	Lower	Upper
212	100	162273		
106	3.4		2.6	4.0
104	1.9		1.5	2.3

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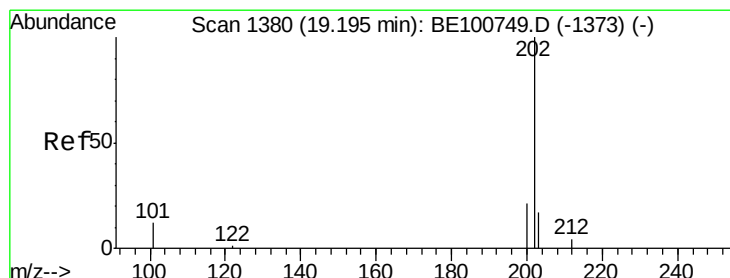
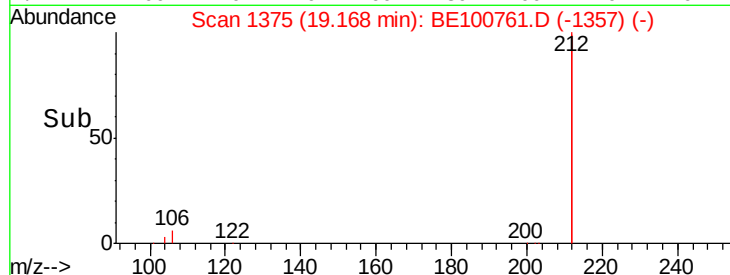
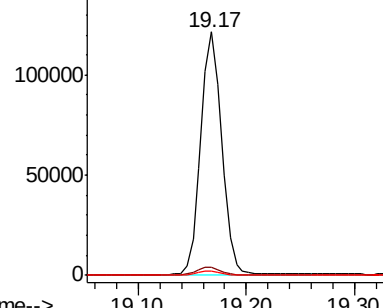


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.414 ng

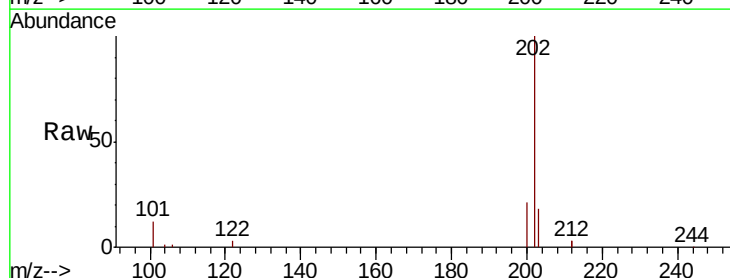
RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	45644		
101	12.1		9.2	13.8
203	17.4		13.8	20.8

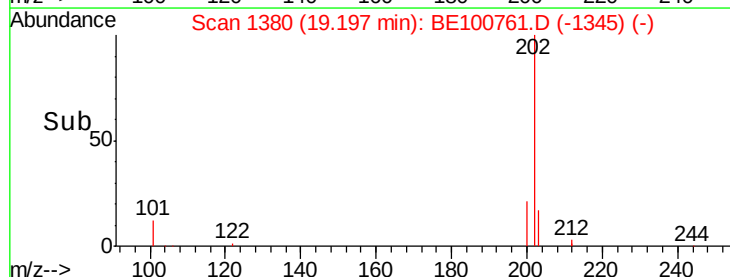
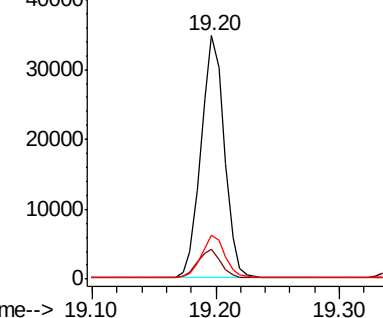


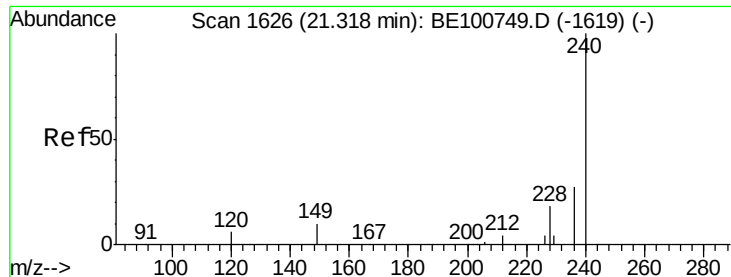
Abundance

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





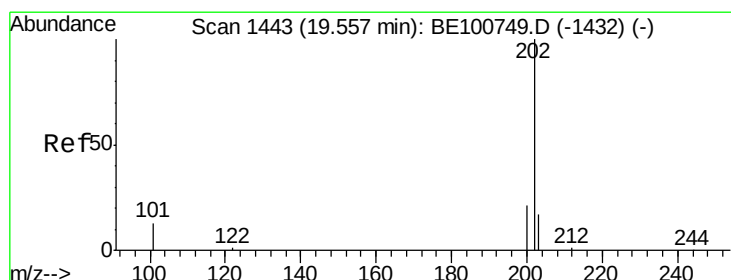
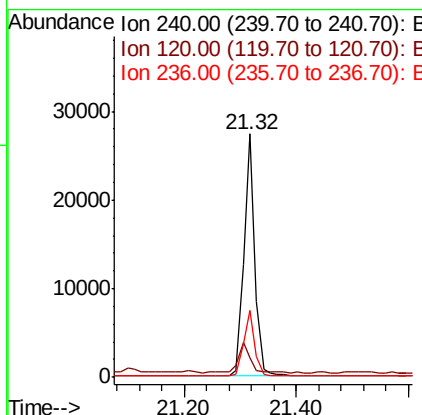
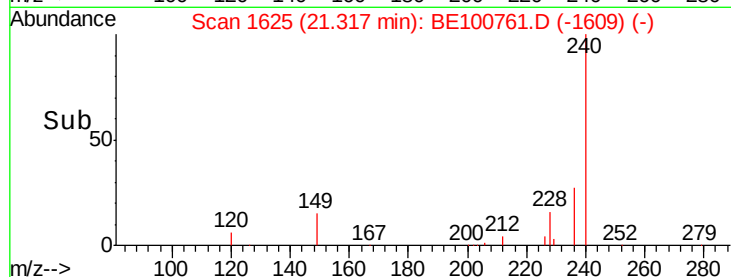
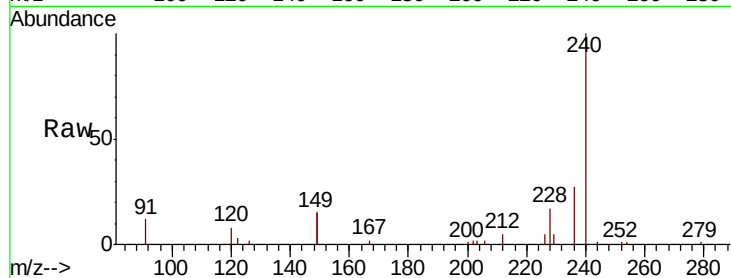
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.8	8.8
236	27.5	21.9	32.9

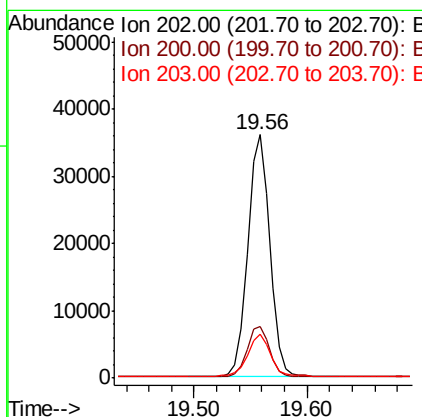
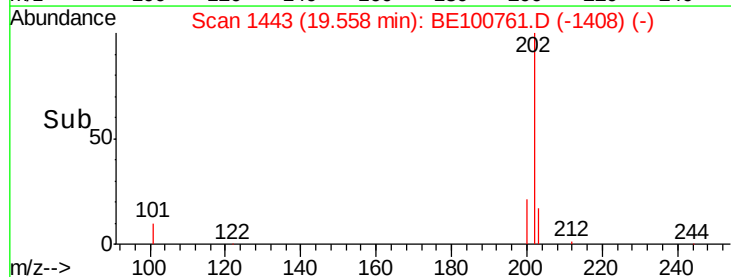
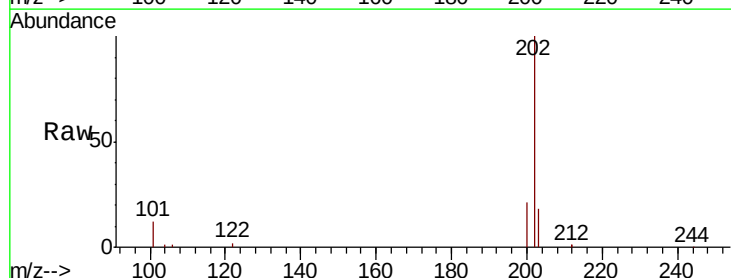
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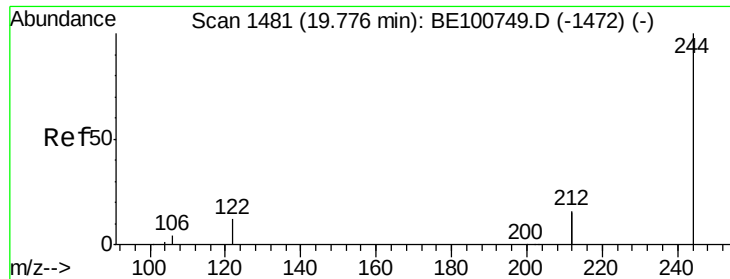
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#28
Pyrene
Concen: 0.430 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	24.8
203	18.2	14.0	21.0





#29

Terphenyl-d14

Concen: 0.461 ng

RT: 19.77 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Instrument :

BNA_E

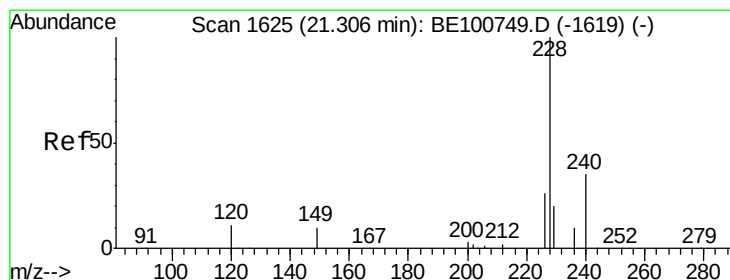
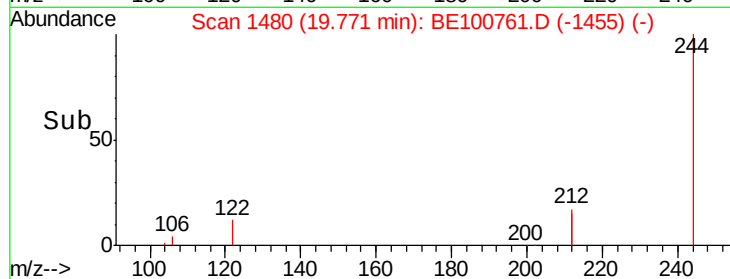
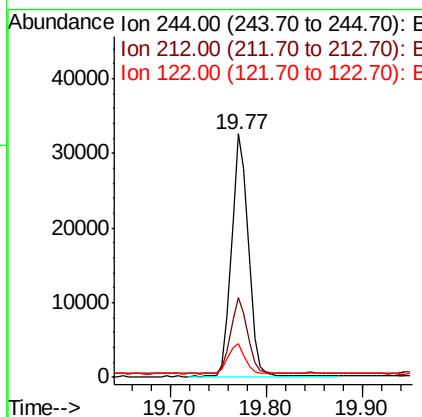
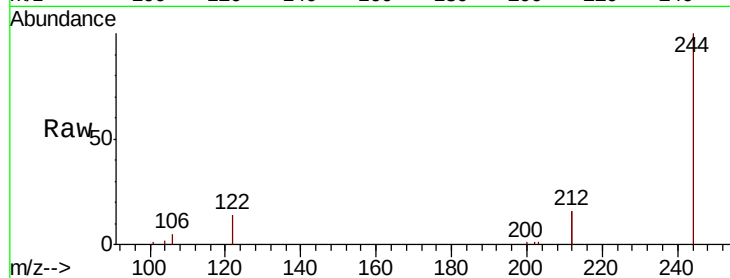
ClientSampleId :

HF-102SMSD

Tot Ion:	244	Resp:	39241
Ion Ratio	Lower	Upper	
244	100		
212	33.0	25.2	37.8
122	13.6	9.8	14.6

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#30

Benzo(a)anthracene

Concen: 0.392 ng

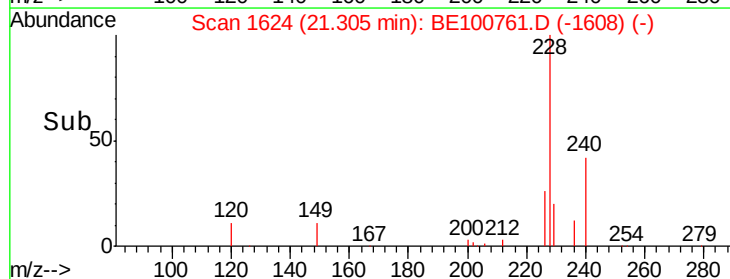
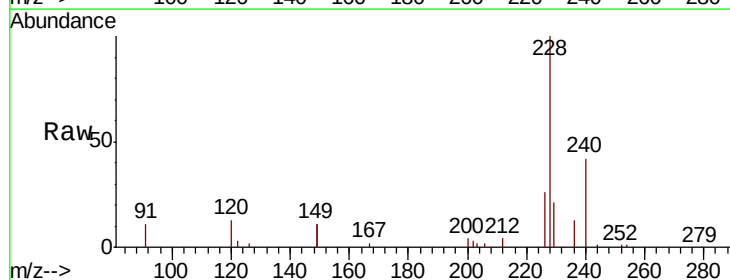
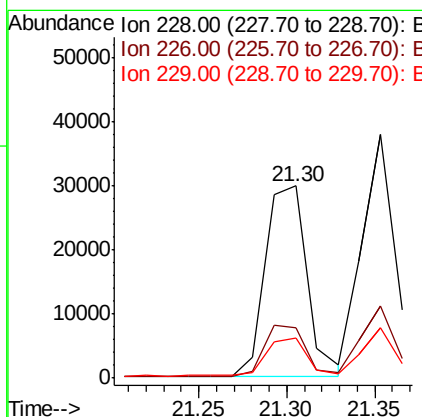
RT: 21.30 min Scan# 1624

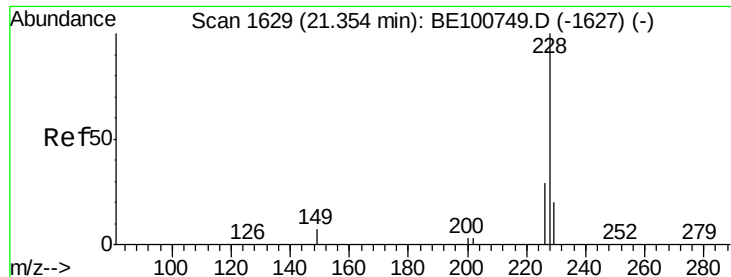
Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Tgt Ion:	228	Resp:	48976
Ion Ratio	Lower	Upper	
228	100		
226	26.1	20.7	31.1
229	21.0	16.2	24.2





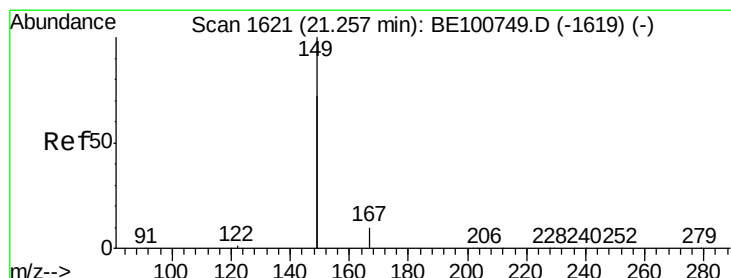
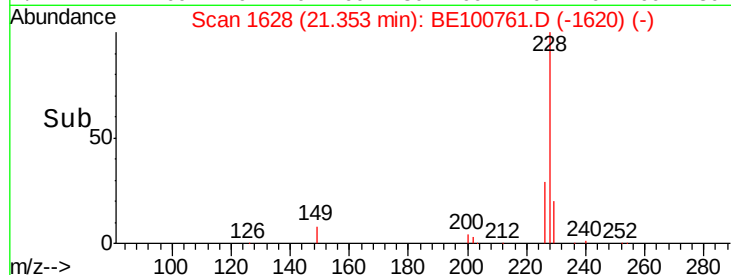
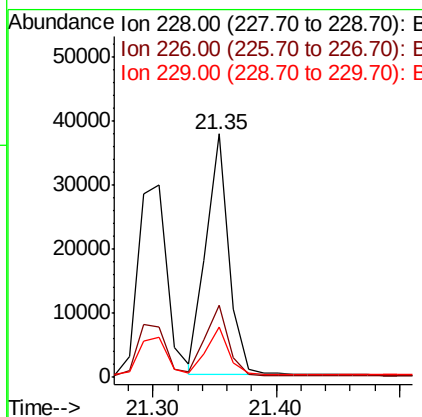
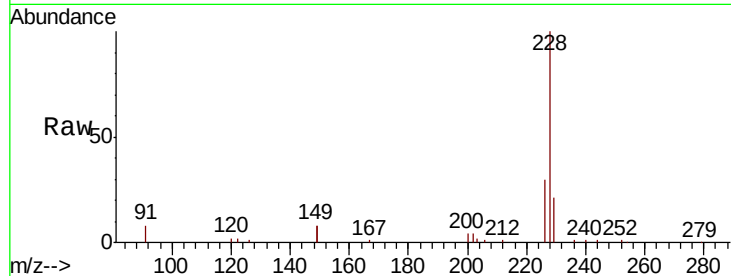
#31
Chrysene
Concen: 0.385 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	20.8	15.9	23.9

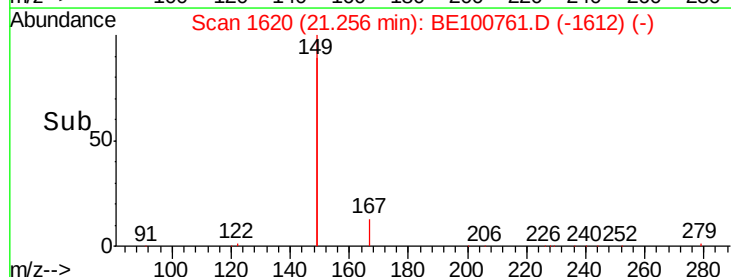
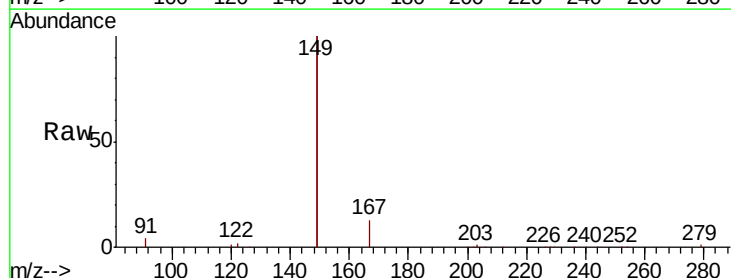
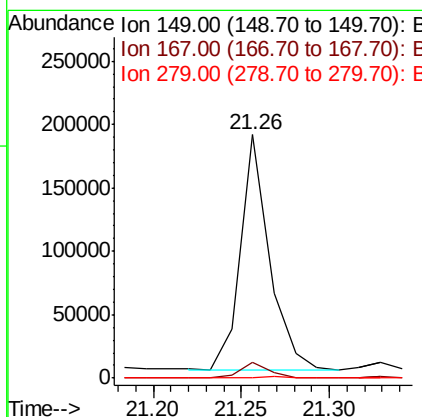
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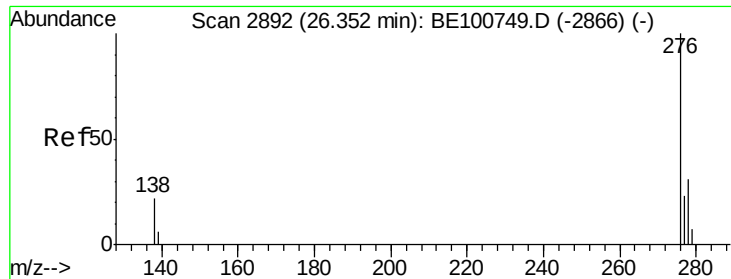
mohammad
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#32
Bis(2-ethylhexyl)phthalate
Concen: 1.245 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.5	8.3
279	0.8	0.7	1.1





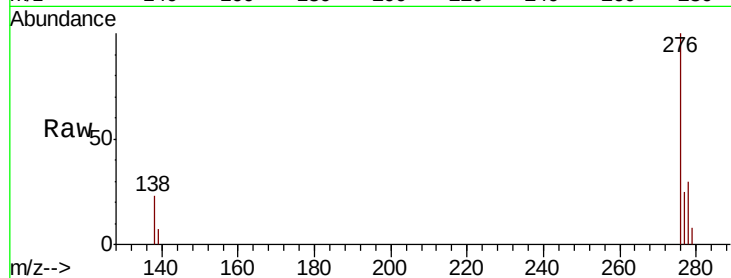
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 26.35 min Scan# 2890
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.6
277	24.6	19.7	29.5

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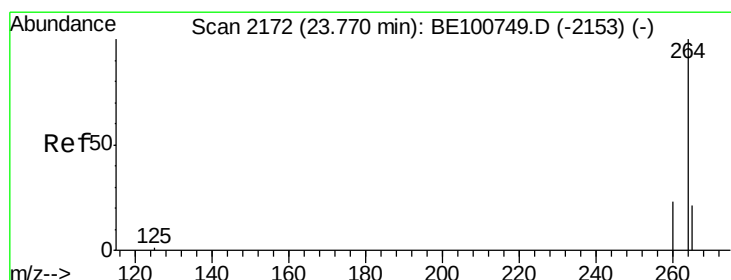
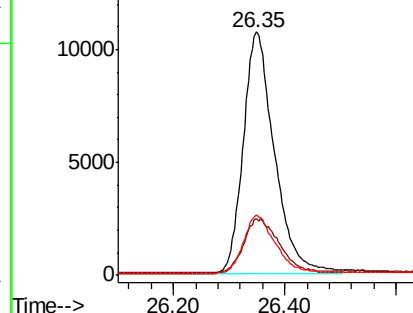
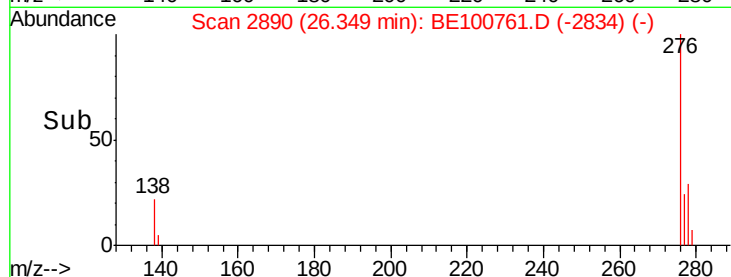


Abundance

Ion 276.00 (275.70 to 276.70): E

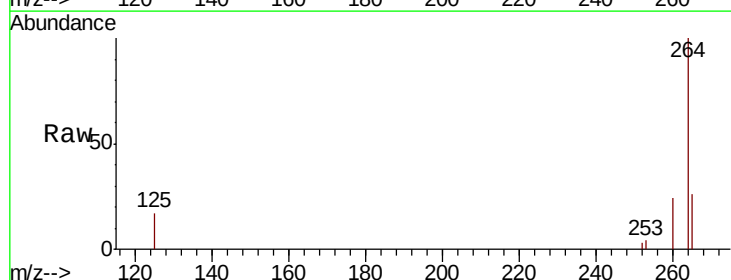
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	25.5	22.4	33.6

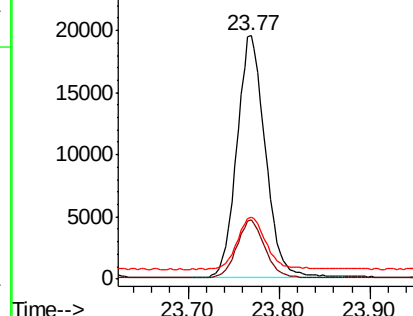
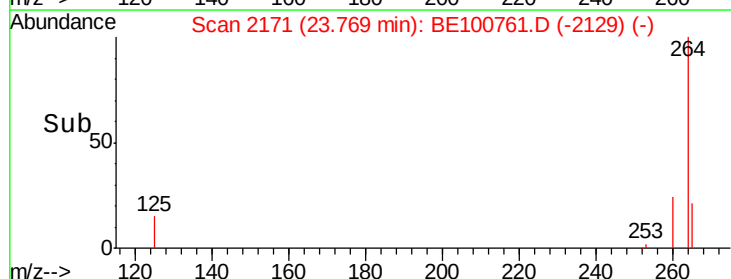


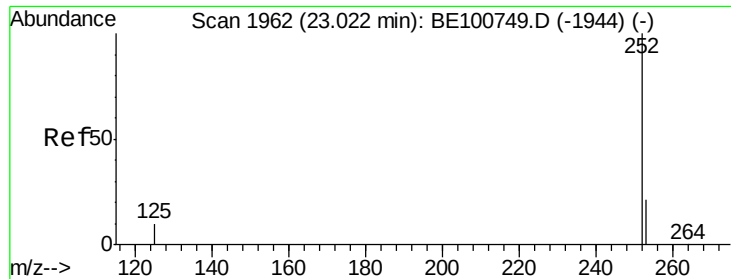
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.332 ng

RT: 23.02 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Instrument :

BNA_E

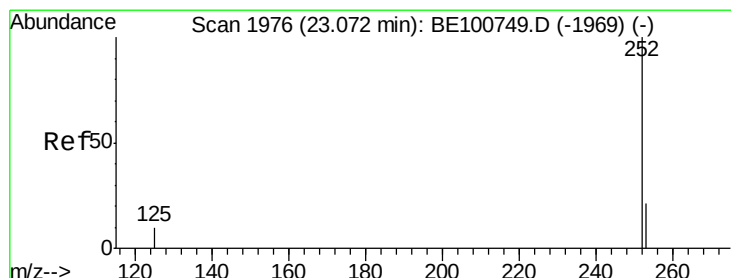
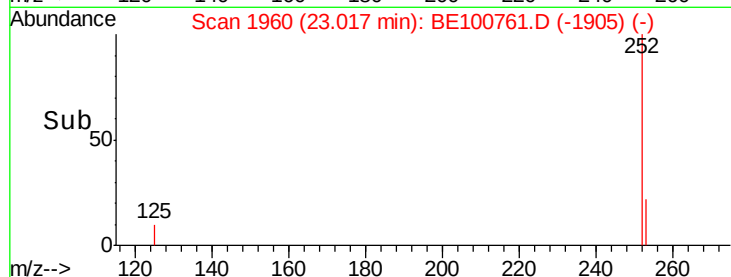
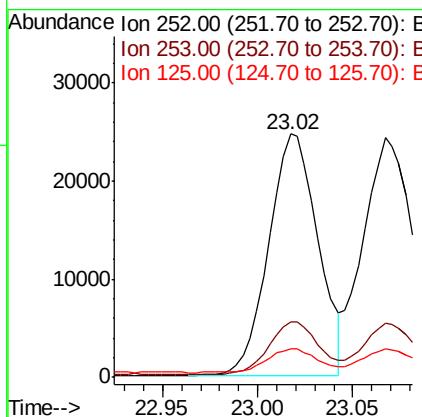
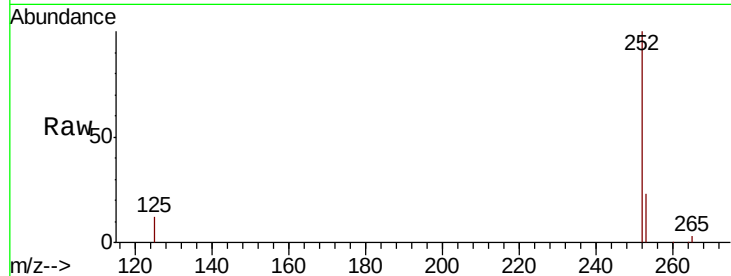
ClientSampleId :

HF-102SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	11.9	9.1	13.7

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#36

Benzo(k)fluoranthene

Concen: 0.338 ng

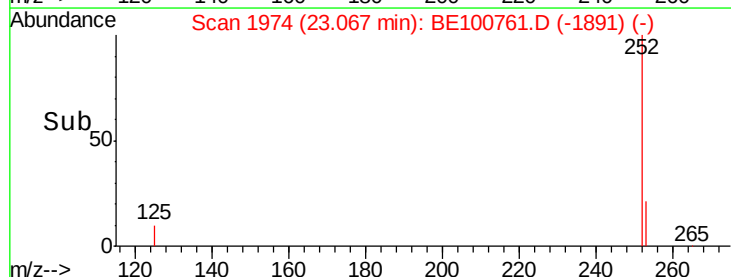
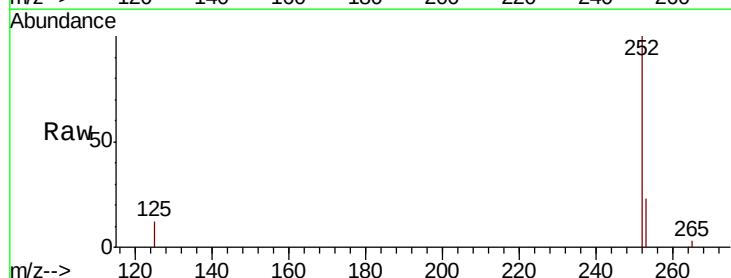
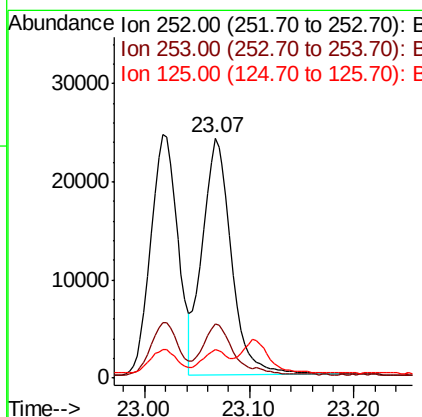
RT: 23.07 min Scan# 1974

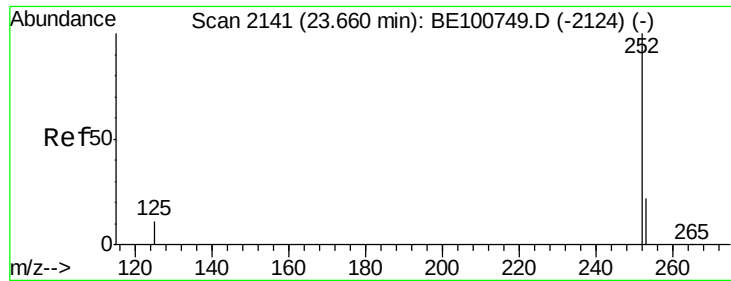
Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.6	9.0	13.4





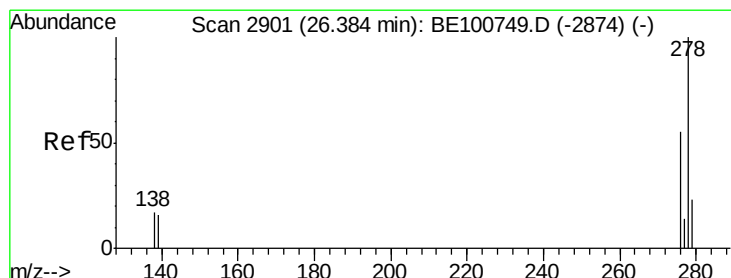
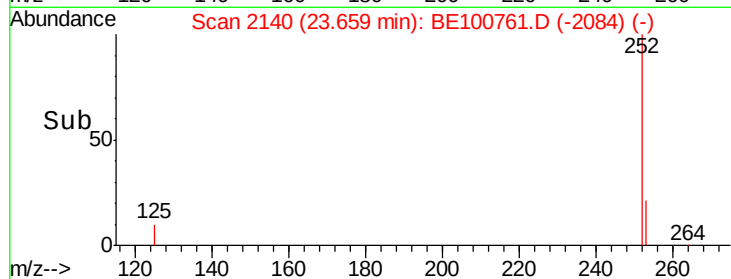
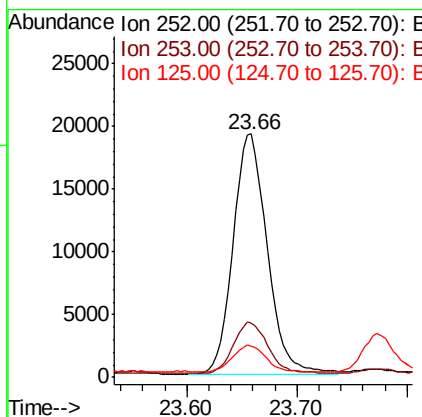
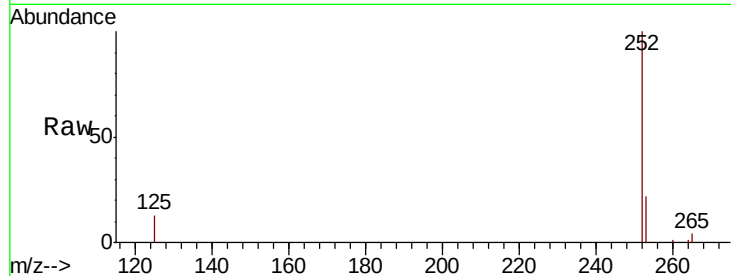
#37
Benzo(a)pyrene
Concen: 0.352 ng
RT: 23.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Instrument :
BNA_E
ClientSampleId :
HF-102SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	12.6	10.5	15.7

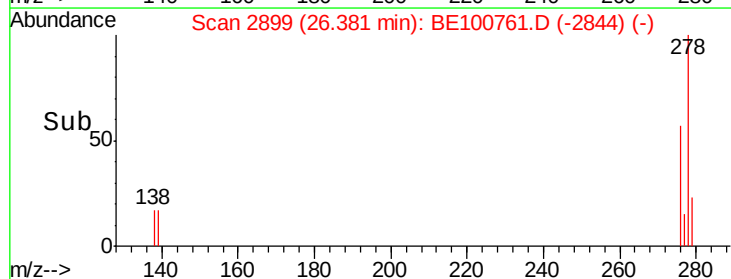
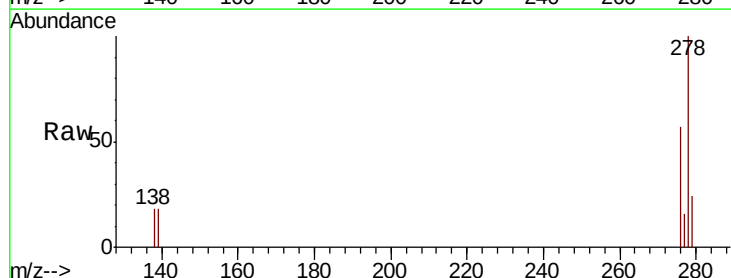
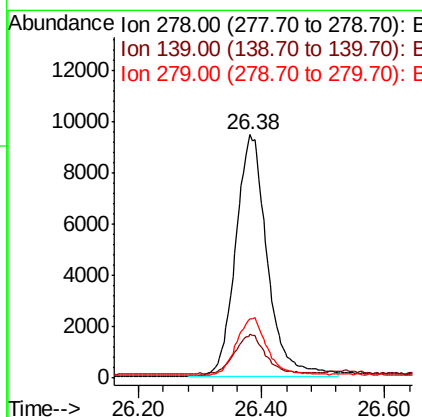
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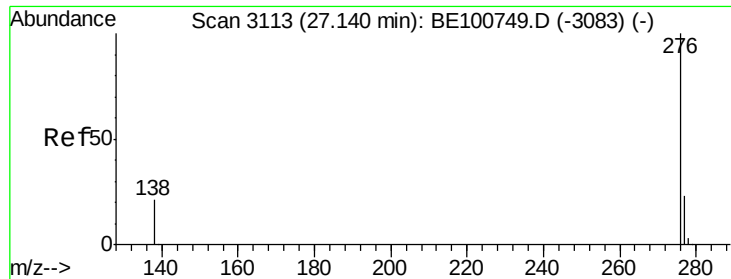
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#38
Dibenzo(a,h)anthracene
Concen: 0.272 ng
RT: 26.38 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BE100761.D
Acq: 22 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.2	19.8
279	24.4	19.4	29.2





#39

Benzo(a,h,i)perylene

Concen: 0.319 ng

RT: 27.14 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BE100761.D

Acq: 22 Nov 2019 16:58

Instrument :

BNA_E

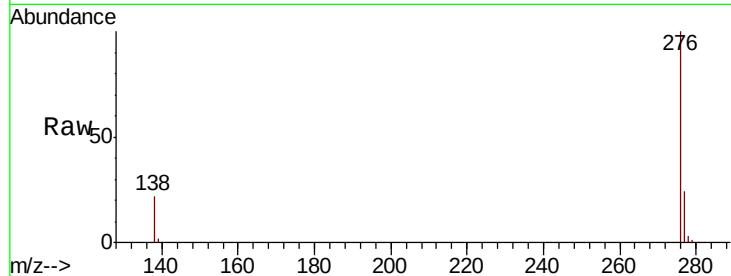
ClientSampleId :

HF-102SMSD

Tot Ion:	276	Resp:	36930
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.9	28.3
138	22.5	17.8	26.8

Manual Integrations
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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

