

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
 Data File : BE100760.D
 Acq On : 22 Nov 2019 15:46
 Operator : JU
 Sample : K5969-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 HF-102SMS

Manual Integrations
 APPROVED

mohammad
 11/25/2019 8:19:05 AM

Quant Time: Nov 22 16:53:47 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	5573	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	23067	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12274	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	27666	0.40	ng	0.00
27) Chrysene-d12	21.32	240	34782	0.40	ng	0.00
34) Perylene-d12	23.77	264	41113	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	2489	0.16	ng	0.00
5) Phenol-d6	6.93	99	3046	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	4670	0.63	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	11825m	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1115	0.64	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	18394	0.39	ng	0.00
25) Fluoranthene-d10	19.17	212	147202	0.43	ng	0.00
29) Terphenyl-d14	19.77	244	35620	0.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	32943	3.151	ng	98
3) n-Nitrosodimethylamine	3.65	42	1386	0.315	ng	# 59
6) bis(2-Chloroethyl)ether	7.19	93	7229	0.396	ng	97
9) Naphthalene	10.59	128	94834	0.387	ng	100
10) Hexachlorobutadiene	10.90	225	3219	0.342	ng	99
12) 2-Methylnaphthalene	12.21	142	14371	0.371	ng	97
16) Acenaphthylene	14.11	152	19159	0.363	ng	99
17) Acenaphthene	14.46	154	13505	0.381	ng	98
18) Fluorene	15.43	166	16280	0.360	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	4777	0.351	ng	86
21) Hexachlorobenzene	16.45	284	4624	0.325	ng	97
22) Pentachlorophenol	16.79	266	2625	1.127	ng	95
23) Phenanthrene	17.17	178	30523	0.366	ng	99
24) Anthracene	17.27	178	27240	0.379	ng	99
26) Fluoranthene	19.20	202	42129	0.413	ng	99
28) Pyrene	19.56	202	44712	0.415	ng	99
30) Benzo(a)anthracene	21.29	228	47868	0.408	ng	97
31) Chrysene	21.35	228	44835	0.376	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	187262	1.167	ng	98
33) Indeno(1,2,3-cd)pyrene	26.35	276	40049	0.366	ng	99
35) Benzo(b)fluoranthene	23.02	252	42326	0.328	ng	99
36) Benzo(k)fluoranthene	23.07	252	44523	0.331	ng	98
37) Benzo(a)pyrene	23.65	252	39423	0.347	ng	100
38) Dibenzo(a,h)anthracene	26.38	278	32348	0.270	ng	98
39) Benzo(g,h,i)perylene	27.14	276	35360	0.316	ng	99

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

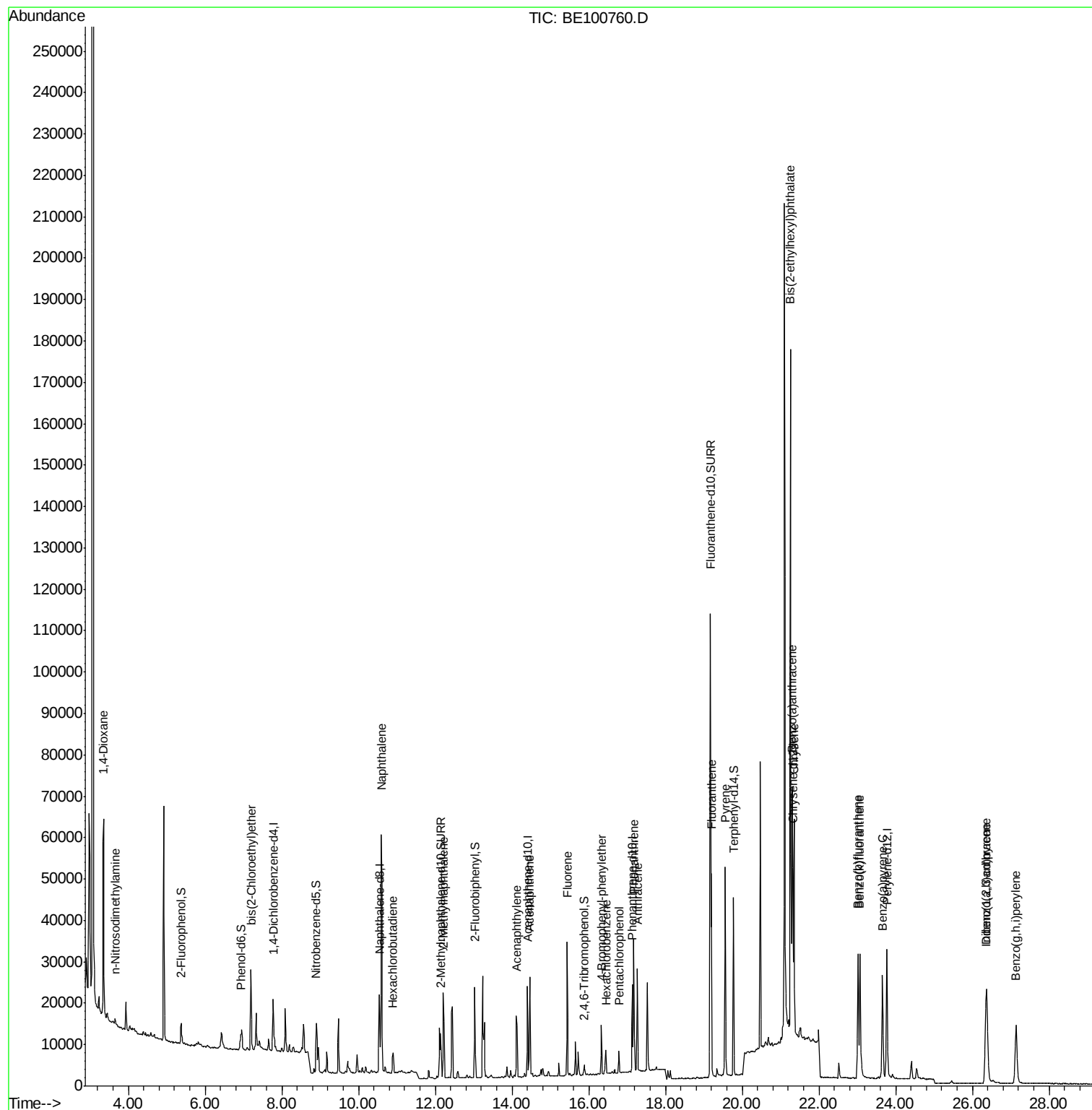
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100760.D
Acq On : 22 Nov 2019 15:46
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Sample : K5969-06MS
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Manual Integrations
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Quant Time: Nov 22 16:53:47 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
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#1

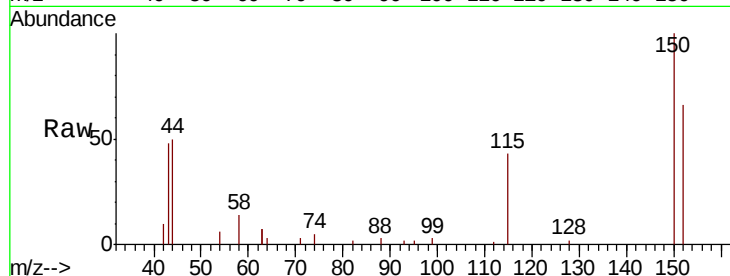
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	127.1	190.7
115	65.3	53.0	79.4

Manual Integrations
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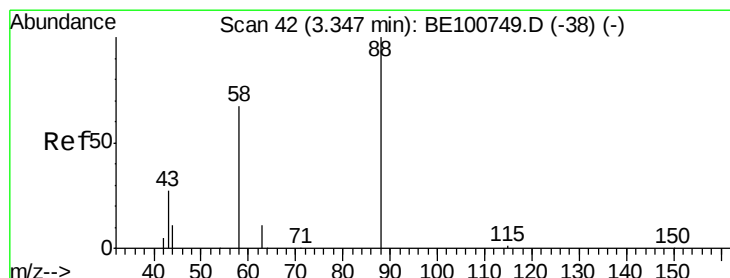
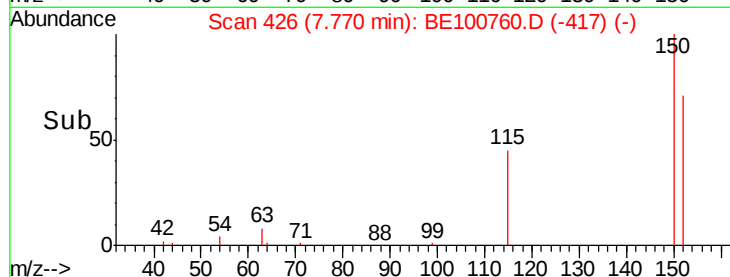
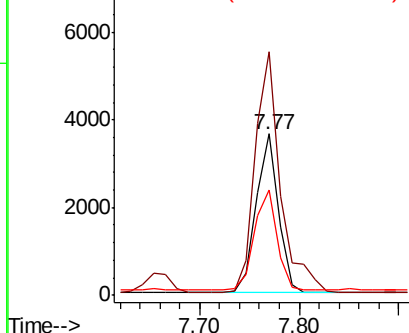


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

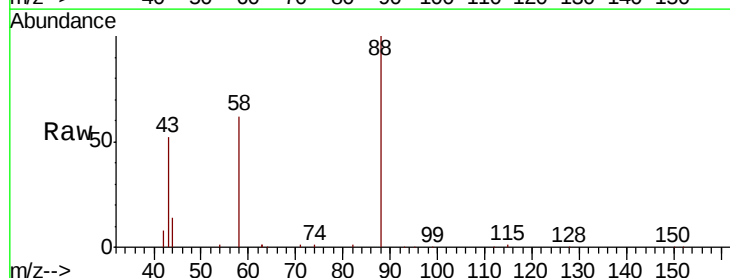
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 3.151 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	60.7	91.1
43	37.1	27.4	41.2

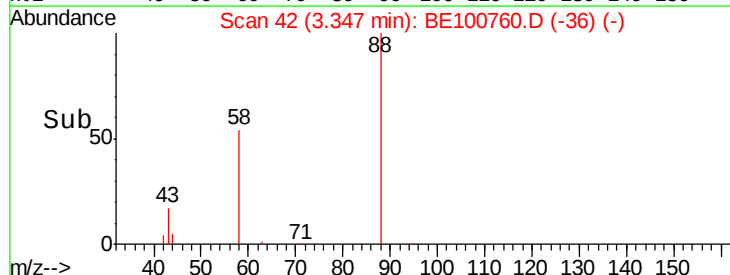
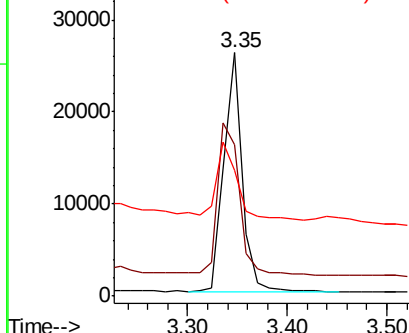


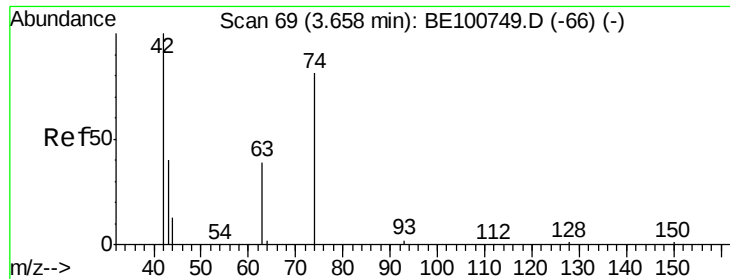
Abundance

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

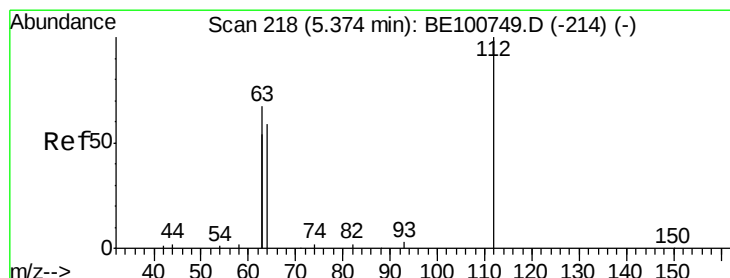
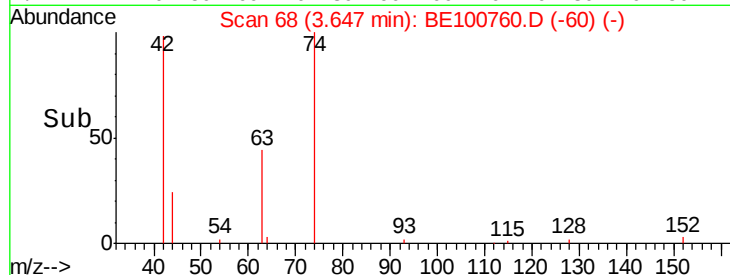
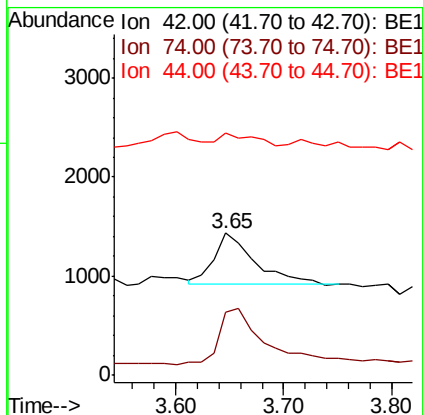
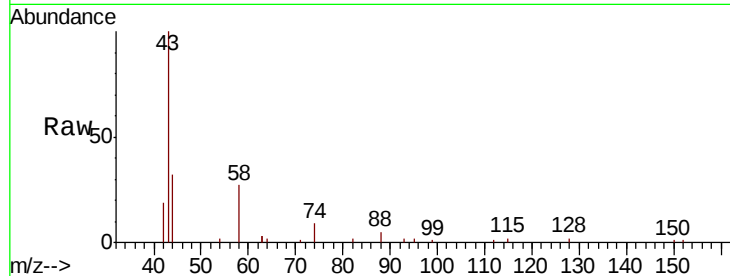
n-Nitrosodimethylamine
 Concen: 0.315 ng
 RT: 3.65 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BE100760.D
 Acq: 22 Nov 2019 15:46

Instrument :
 BNA_E
 ClientSampleId :
 HF-102SMS

Tot Ion	Ratio	Lower	Upper
42	100		
74	121.1	0.0	0.0#
44	19.1	4.2	6.4#

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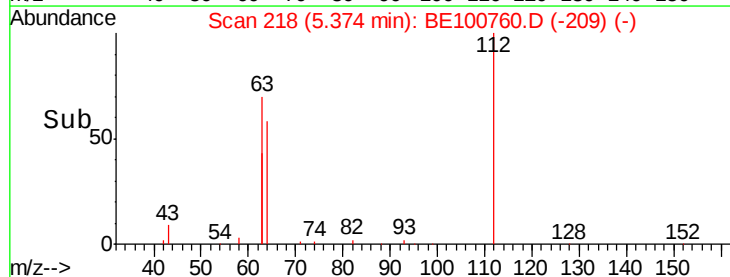
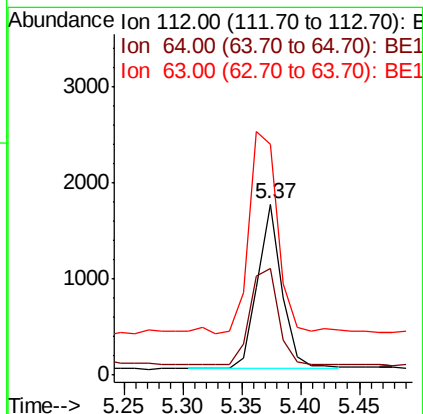
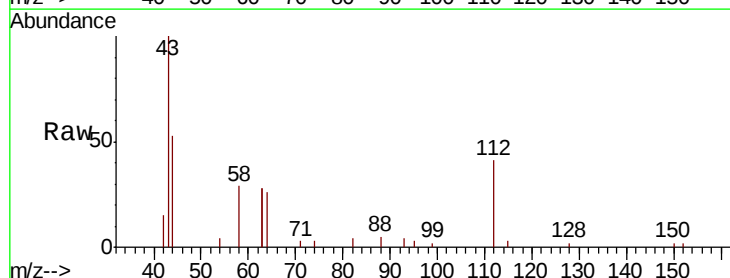
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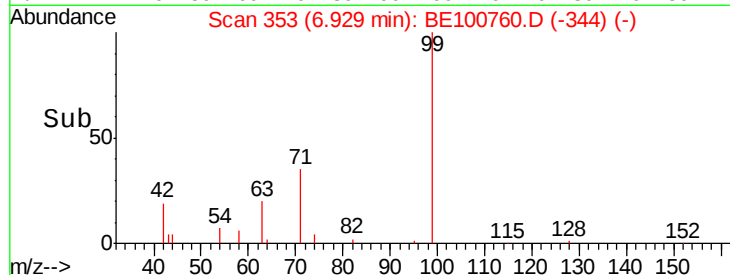
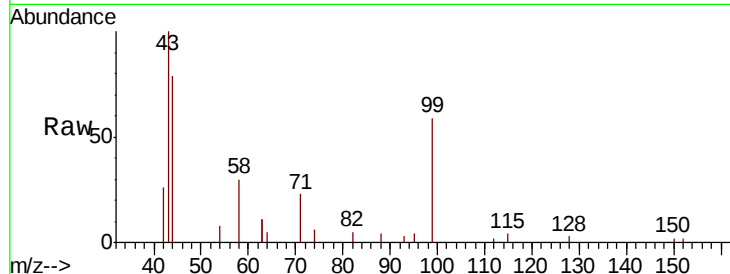
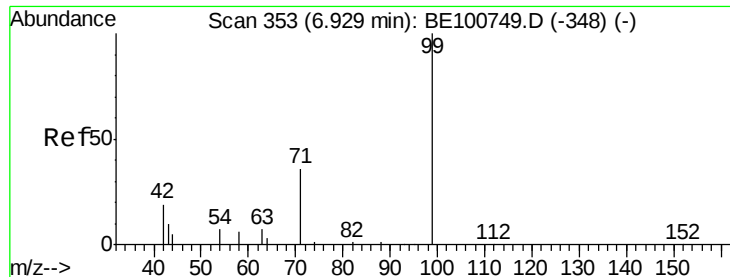


#4

2-Fluorophenol
 Concen: 0.165 ng
 RT: 5.37 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE100760.D
 Acq: 22 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.3	81.5
63	139.6	114.0	171.0





#5

Phenol-d6

Concen: 0.139 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Tot Ion:	99	Resp:	3046
Ion	Ratio	Lower	Upper
99	100		
42	29.2	17.9	26.9#
71	39.7	29.3	43.9

Instrument :

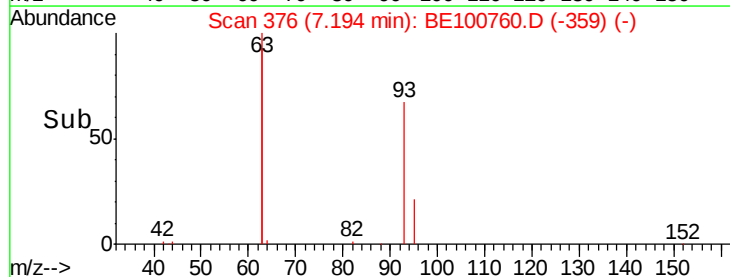
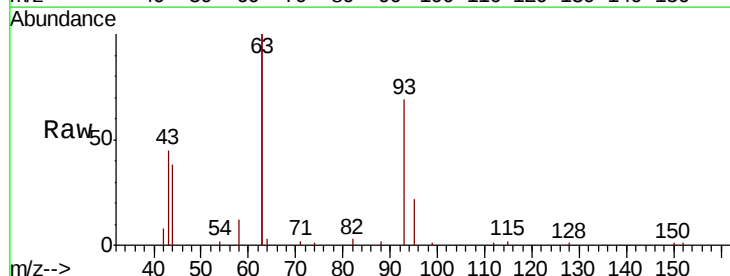
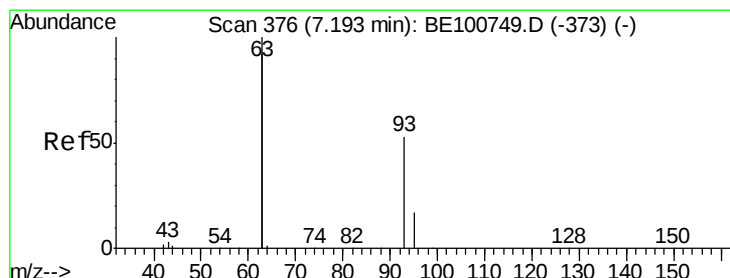
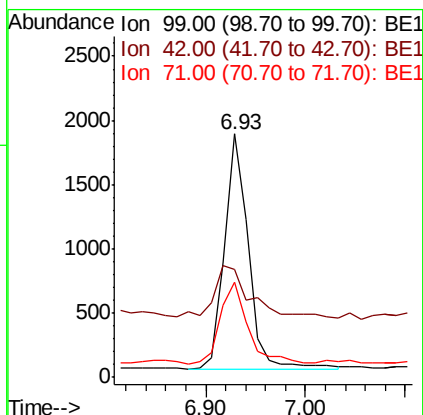
BNA_E

ClientSampleId :

HF-102SMS

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#6

bis(2-Chloroethyl)ether

Concen: 0.396 ng

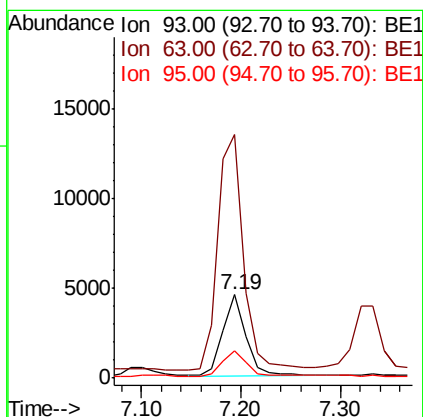
RT: 7.19 min Scan# 376

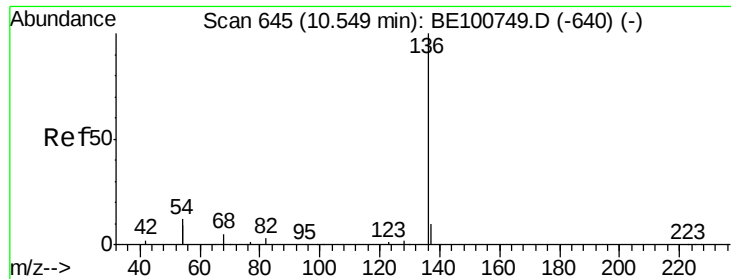
Delta R.T. 0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Tgt Ion:	93	Resp:	7229
Ion	Ratio	Lower	Upper
93	100		
63	326.8	267.0	400.6
95	32.3	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: BE100760.D

Acq: 22 Nov 2019 15:46

Instrument :

BNA_E

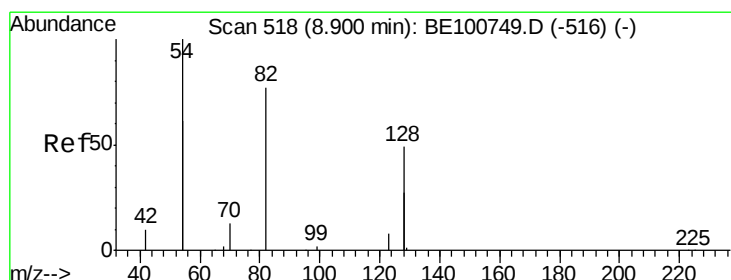
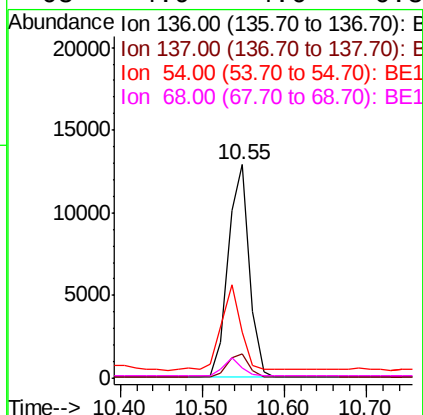
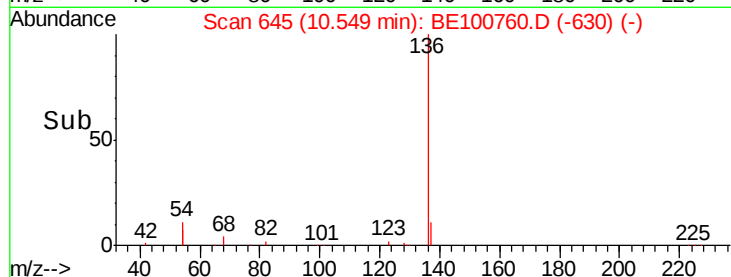
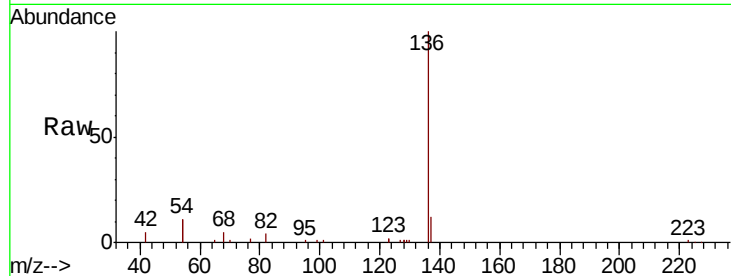
ClientSampleId :

HF-102SMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	21.7	19.4	29.0
68	4.9	4.6	6.8

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#8

Nitrobenzene-d5

Concen: 0.632 ng

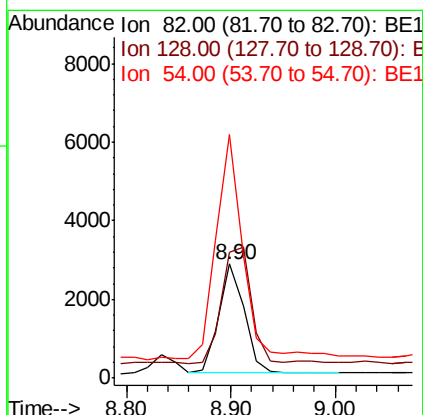
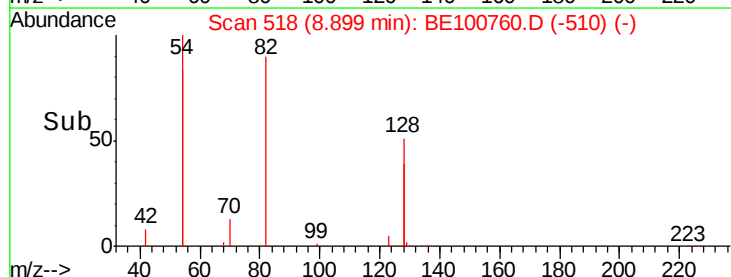
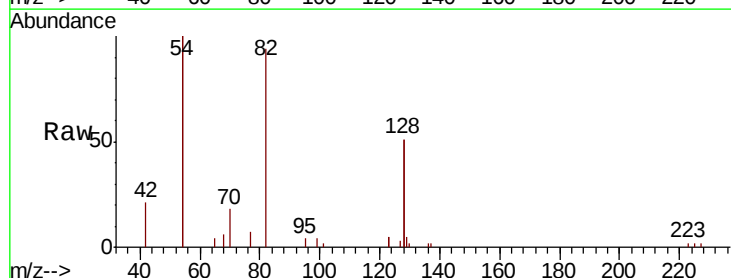
RT: 8.90 min Scan# 518

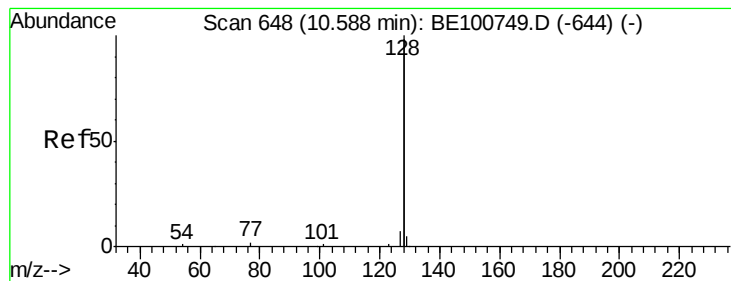
Delta R.T. -0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
82	100		
128	109.7	90.2	135.4
54	213.1	186.0	279.0





#9

Naphthalene

Concen: 0.387 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Instrument :

BNA_E

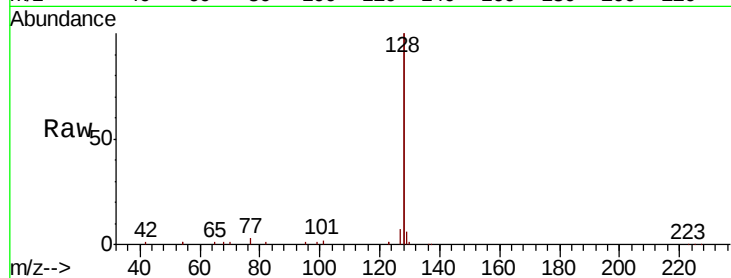
ClientSampleId :

HF-102SMS

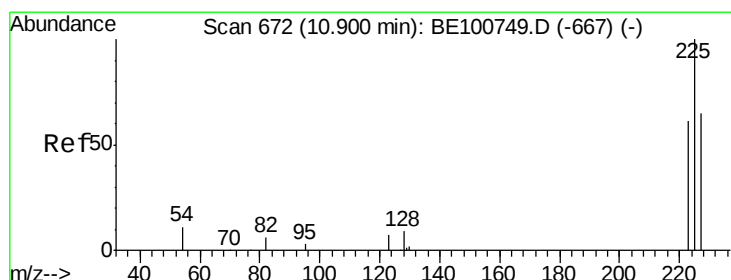
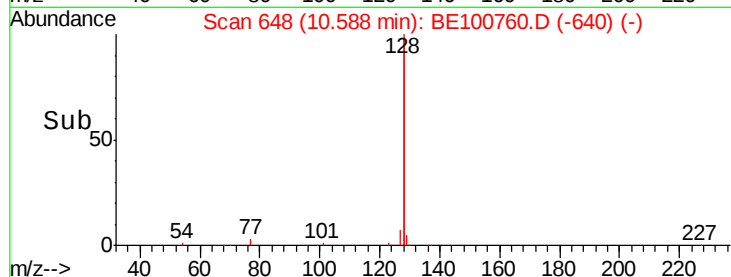
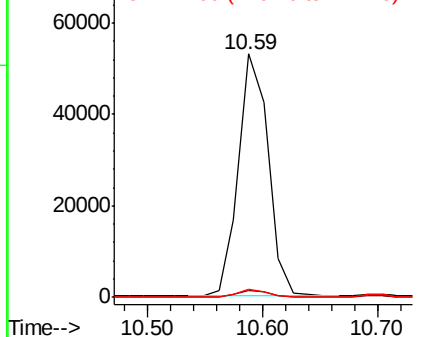
Tot Ion:	128	Resp:	94834
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.3	3.5
127	3.5	2.7	4.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.342 ng

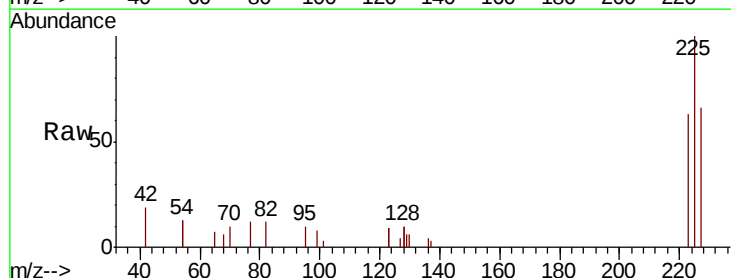
RT: 10.90 min Scan# 672

Delta R.T. -0.00 min

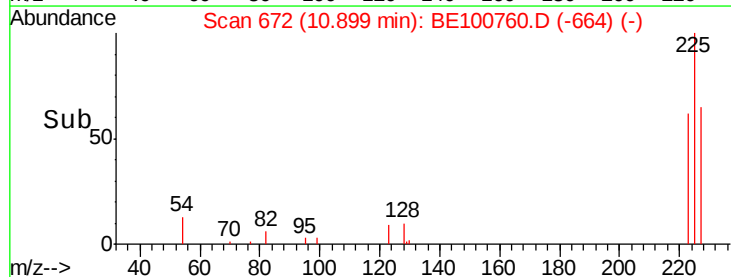
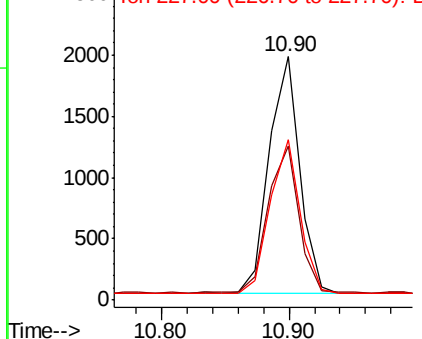
Lab File: BE100760.D

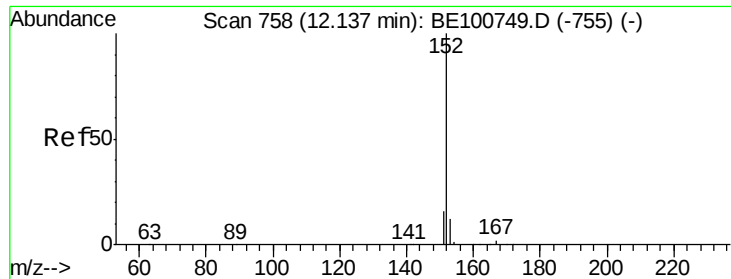
Acq: 22 Nov 2019 15:46

Tgt Ion:	225	Resp:	3219
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.6	75.8
227	64.2	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





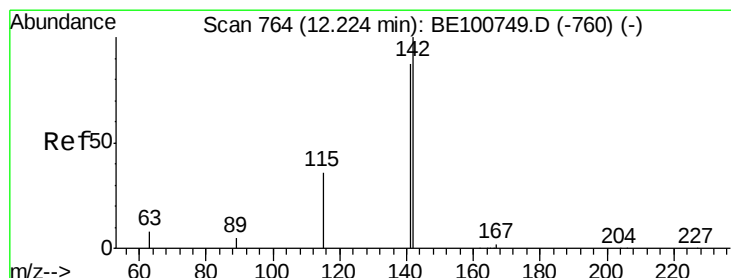
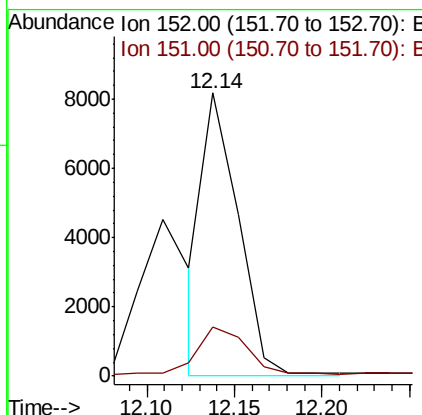
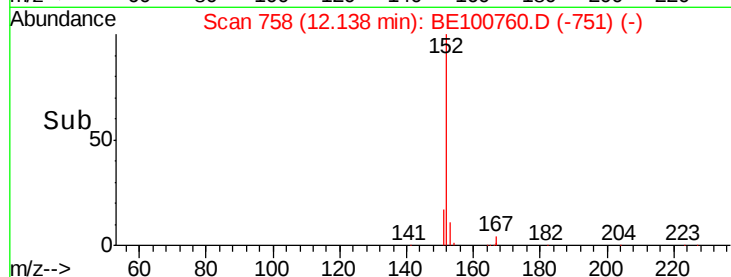
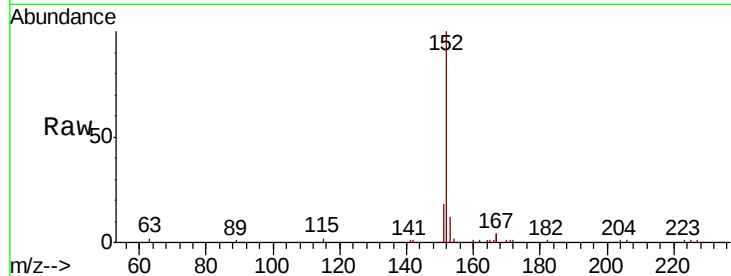
#11
2-Methylnaphthalene-d10
Concen: 0.350 ng m
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tot Ion:152 Resp: 11825
Ion Ratio Lower Upper
152 100
151 22.5 15.8 23.8

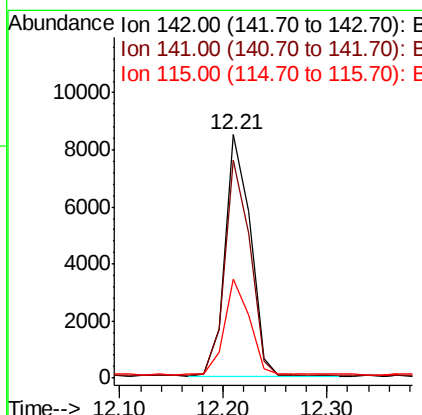
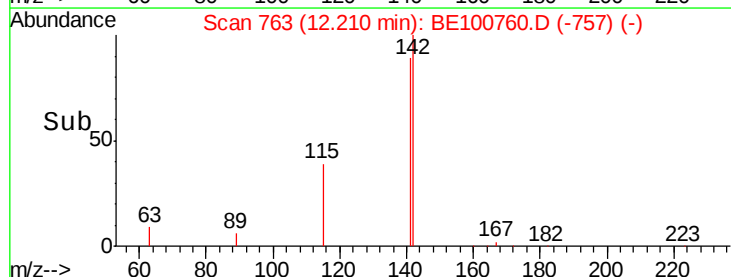
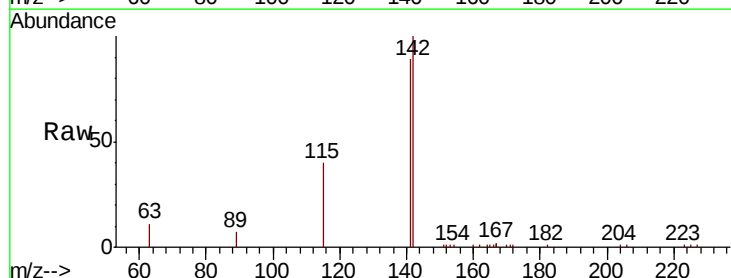
Manual Integrations
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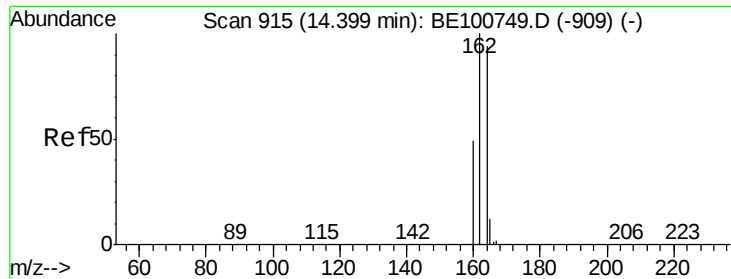
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#12
2-Methylnaphthalene
Concen: 0.371 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:142 Resp: 14371
Ion Ratio Lower Upper
142 100
141 89.4 69.9 104.9
115 40.5 29.5 44.3





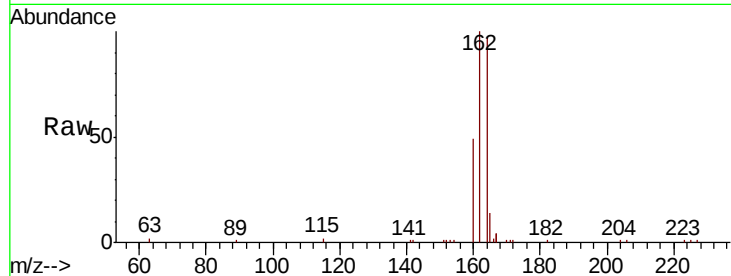
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Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	84.8	127.2
160	50.1	42.3	63.5

Manual Integrations
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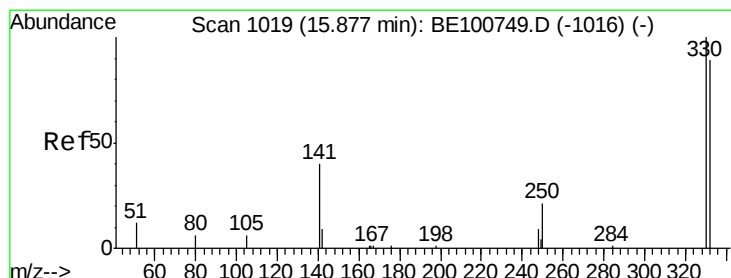
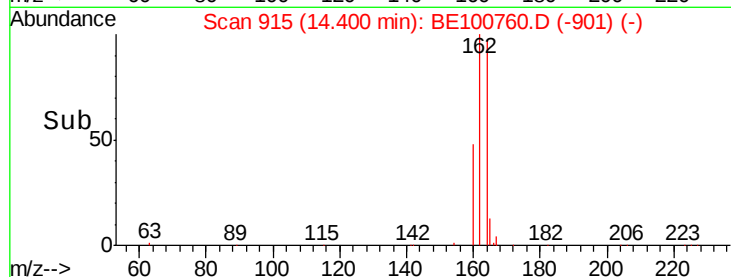
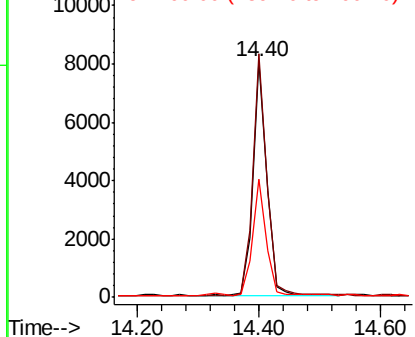


Abundance

Ion 164.00 (163.70 to 164.70): E

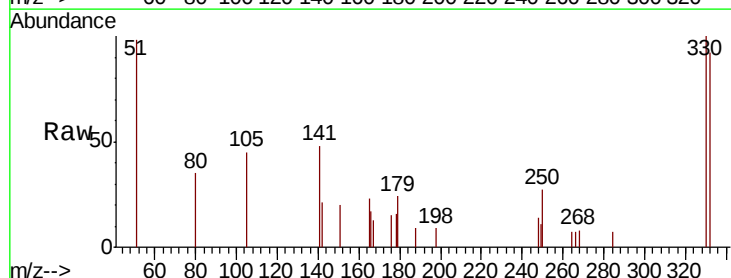
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.644 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.1	79.3	118.9
141	63.1	43.8	65.6

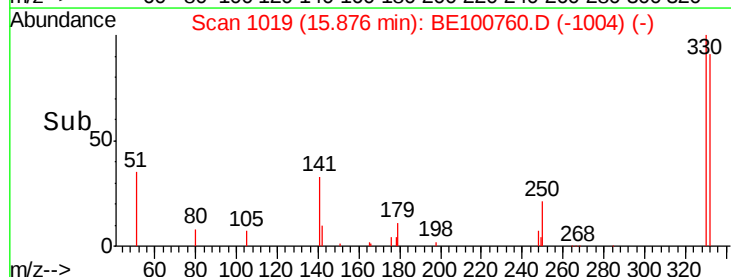
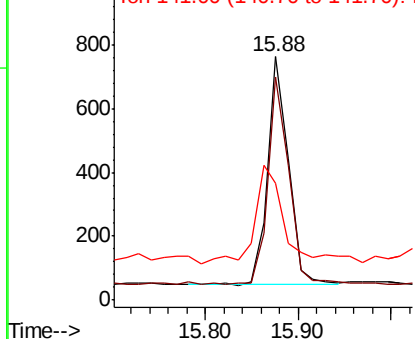


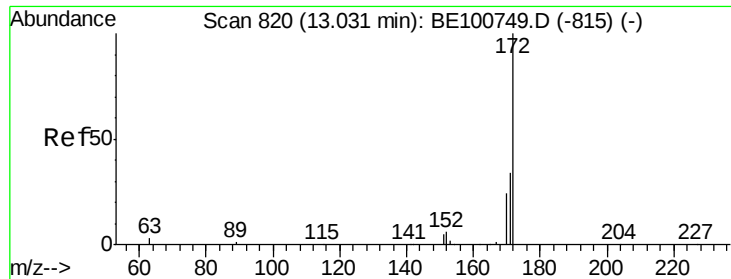
Abundance

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





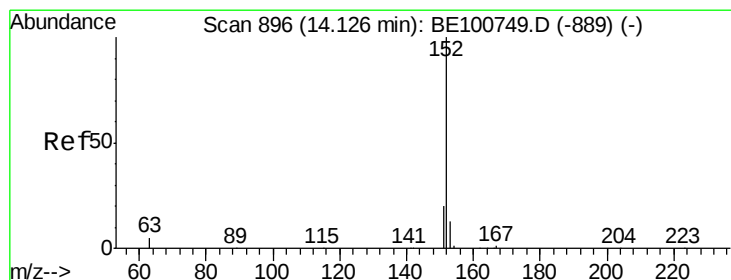
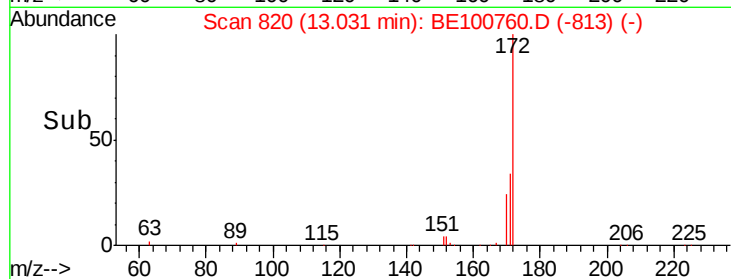
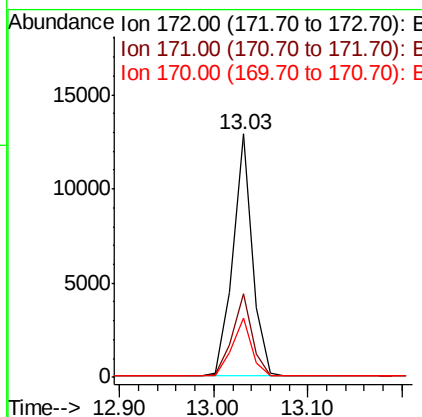
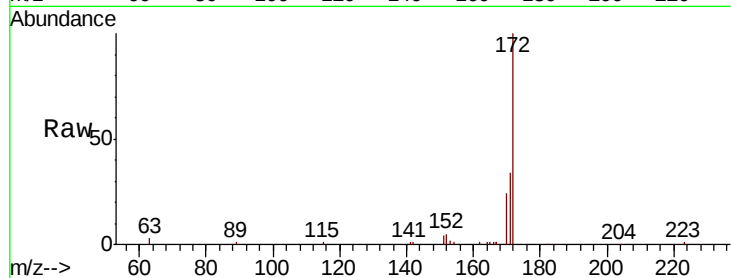
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	24.2	19.4	29.2

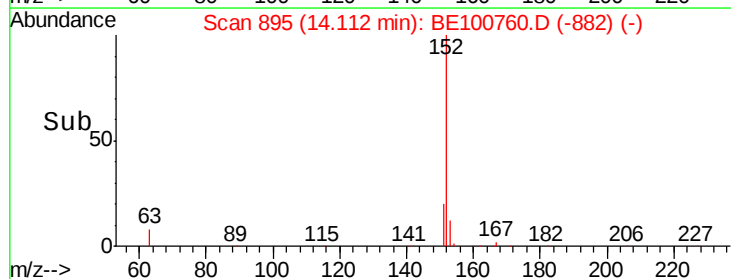
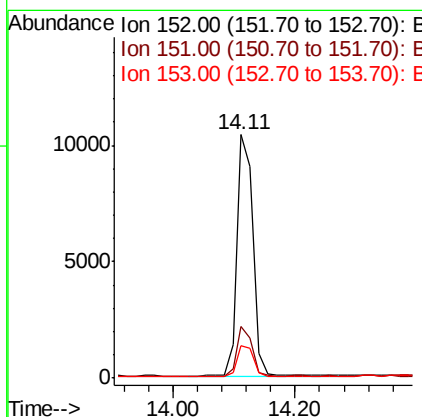
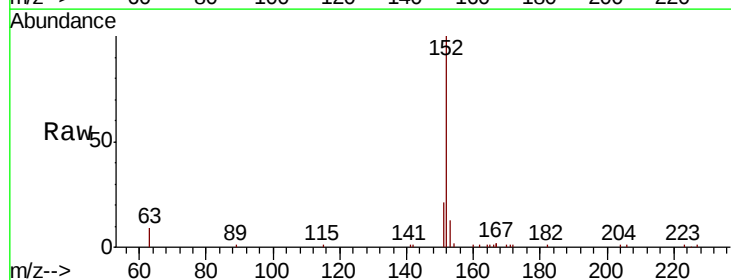
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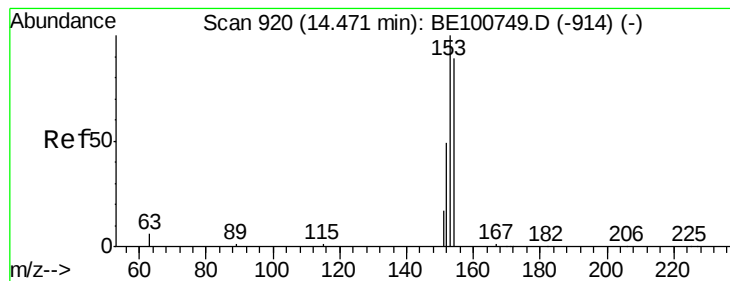
mohammad
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#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.01 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.4	10.6	15.8





#17

Acenaphthene

Concen: 0.381 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Instrument :

BNA_E

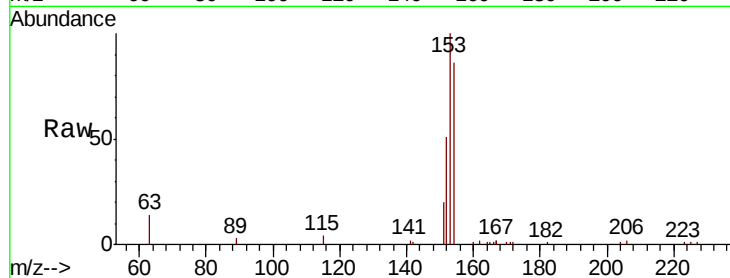
ClientSampleId :

HF-102SMS

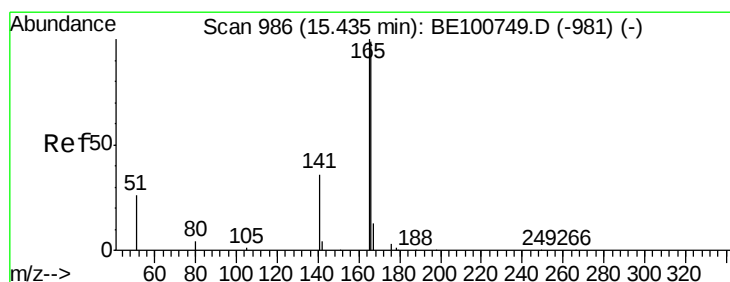
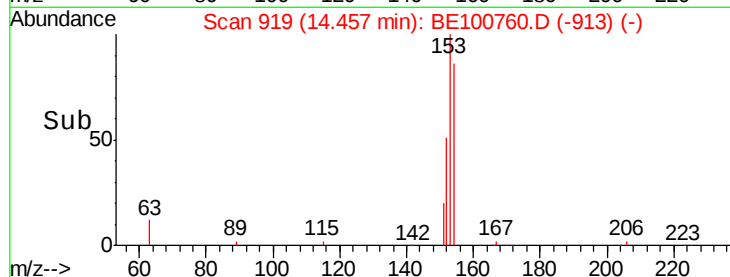
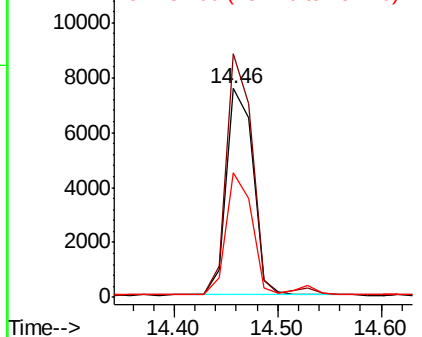
Tot Ion:	154	Resp:	13505
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.6	137.4
152	57.2	47.0	70.6

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.360 ng

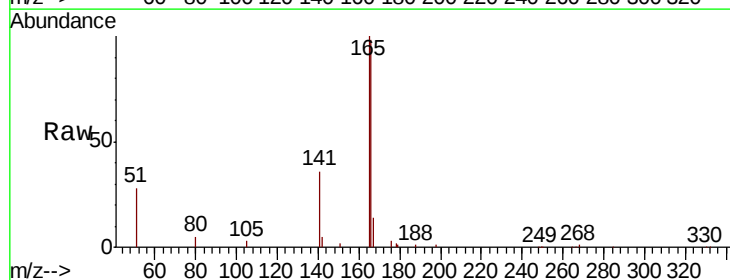
RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

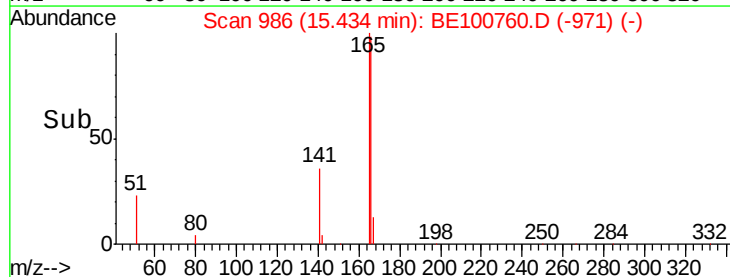
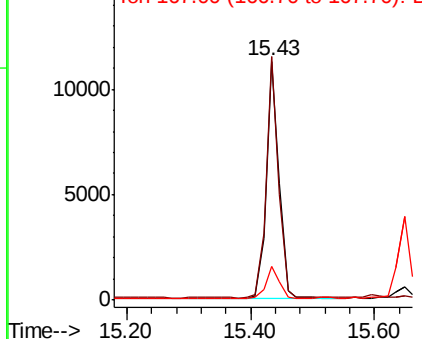
Lab File: BE100760.D

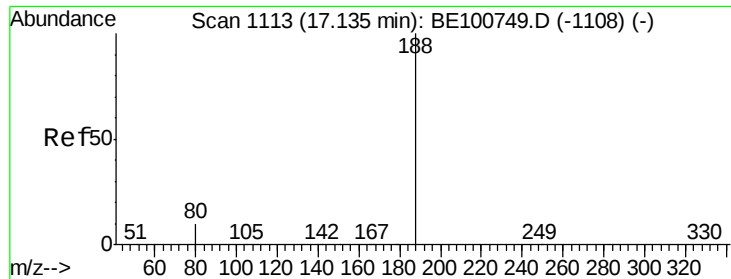
Acq: 22 Nov 2019 15:46

Tgt Ion:	166	Resp:	16280
Ion Ratio	Lower	Upper	
166	100		
165	98.9	80.2	120.4
167	14.4	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





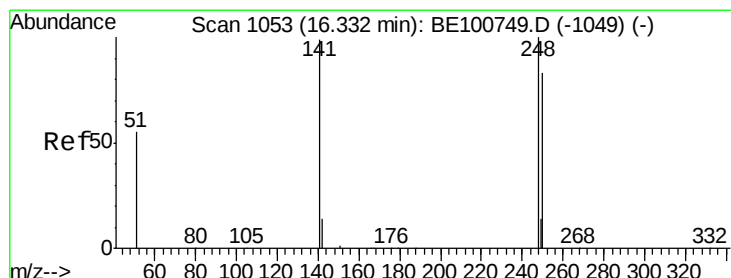
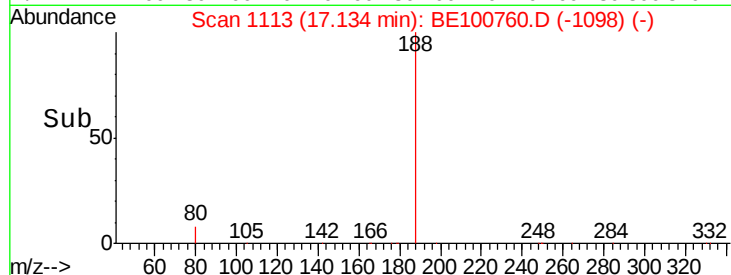
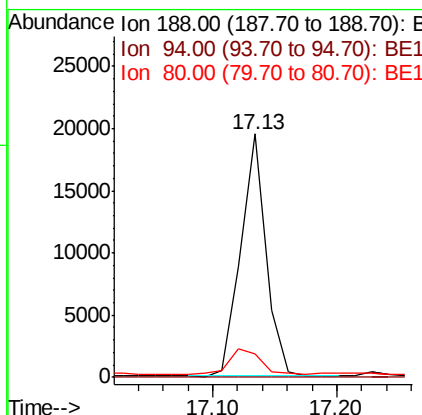
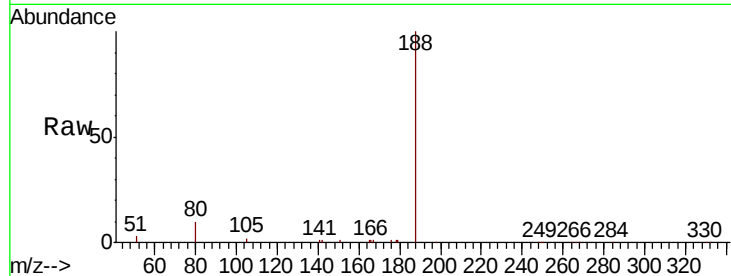
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tot Ion:	188	Resp:	27666
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.7	8.2	12.2

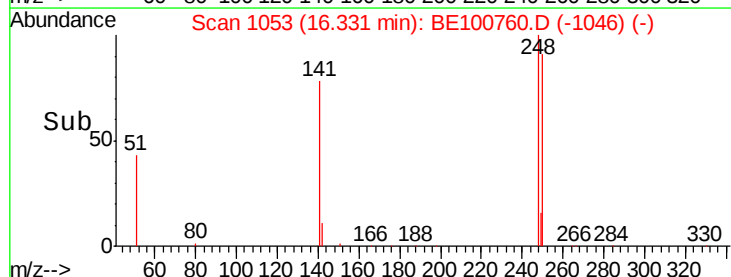
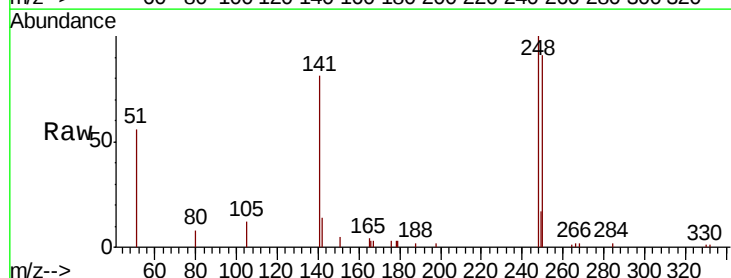
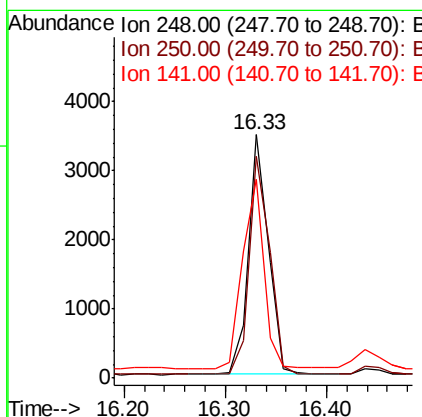
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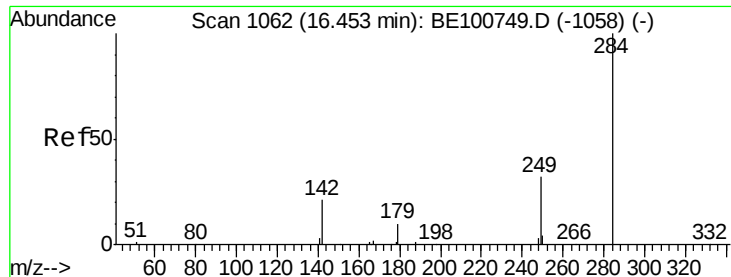
mohammad
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#20
4-Bromophenyl-phenylether
Concen: 0.351 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion:	248	Resp:	4777
Ion Ratio	Lower	Upper	
248	100		
250	91.0	66.3	99.5
141	81.4	79.6	119.4





#21

Hexachlorobenzene

Concen: 0.325 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Instrument :

BNA_E

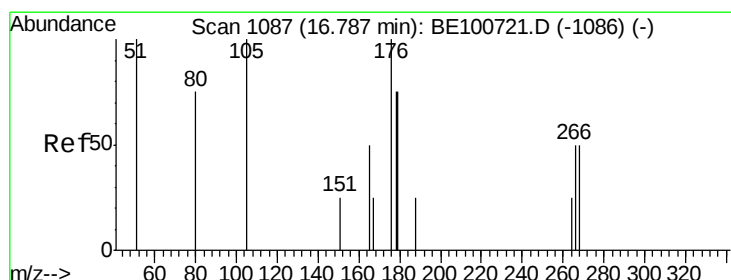
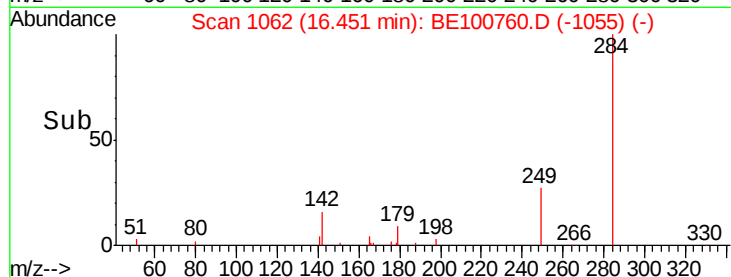
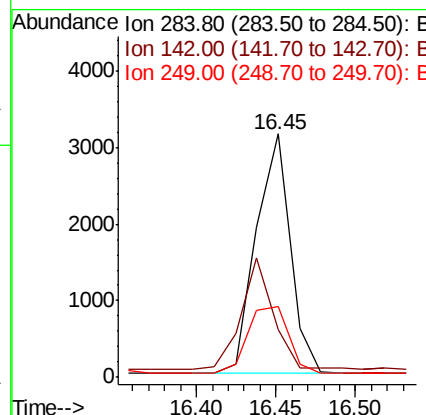
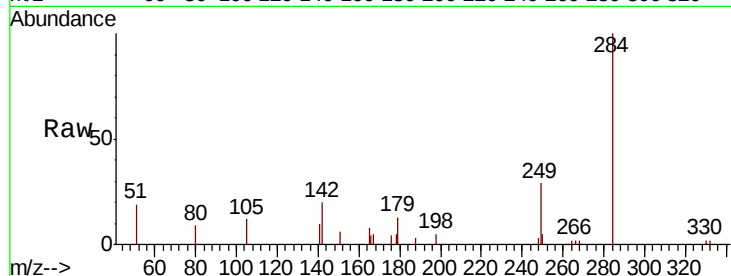
ClientSampleId :

HF-102SMS

Tot Ion:	284	Resp:	4624
Ion Ratio	Lower	Upper	
284	100		
142	43.2	34.9	52.3
249	33.1	28.7	43.1

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#22

Pentachlorophenol

Concen: 1.127 ng

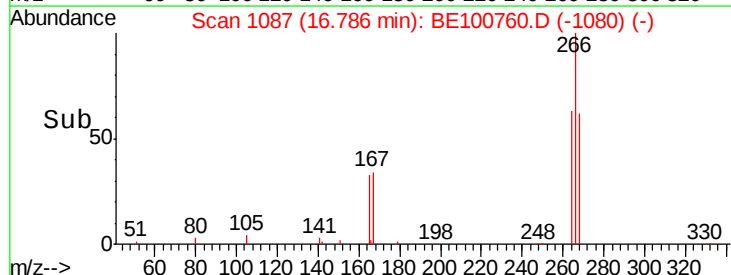
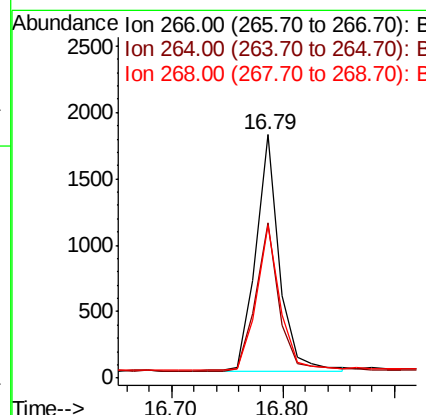
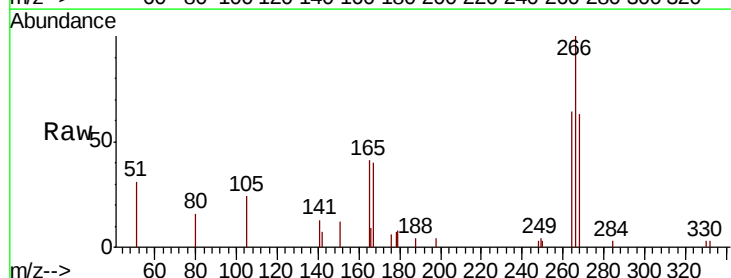
RT: 16.79 min Scan# 1087

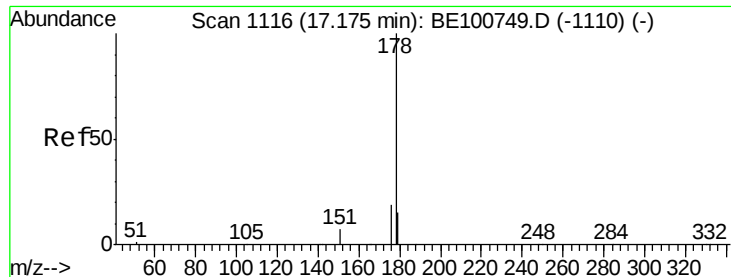
Delta R.T. -0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Tgt Ion:	266	Resp:	2625
Ion Ratio	Lower	Upper	
266	100		
264	63.8	54.6	82.0
268	63.0	52.6	78.8





#23

Phenanthrene

Concen: 0.366 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Instrument :

BNA_E

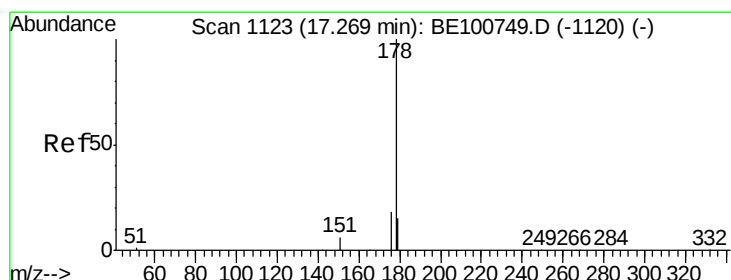
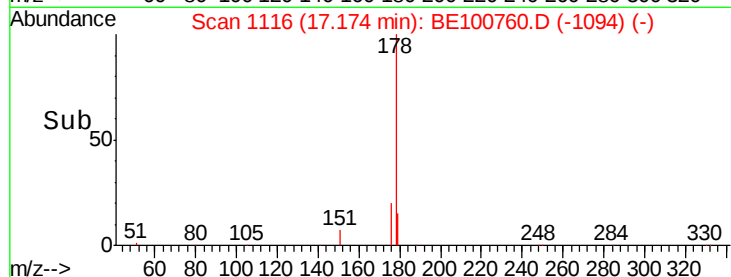
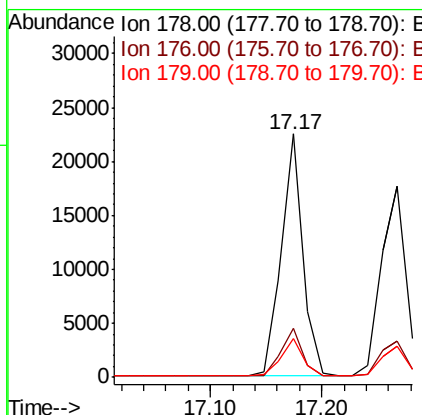
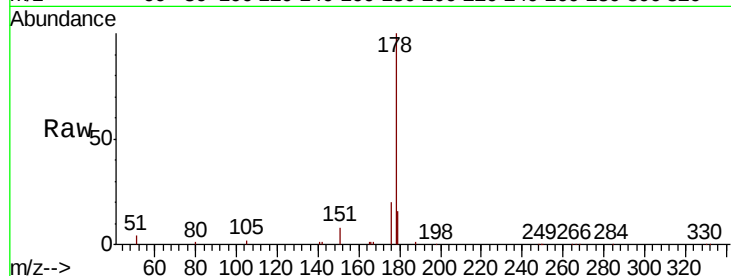
ClientSampleId :

HF-102SMS

Tot Ion:178	Resp:	30523
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.3 22.9
179	15.5	12.5 18.7

Manual Integrations
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#24

Anthracene

Concen: 0.379 ng

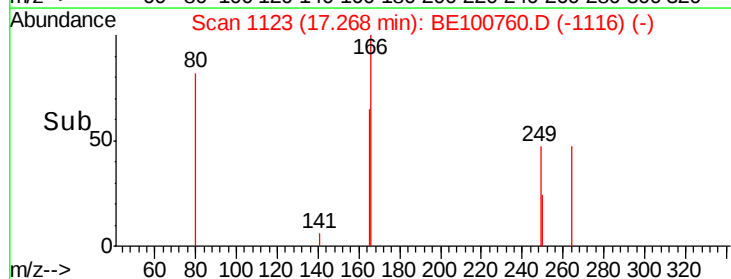
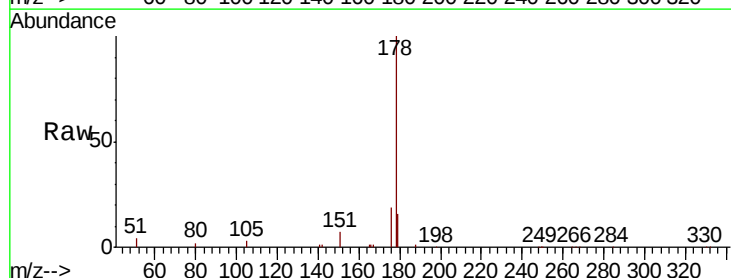
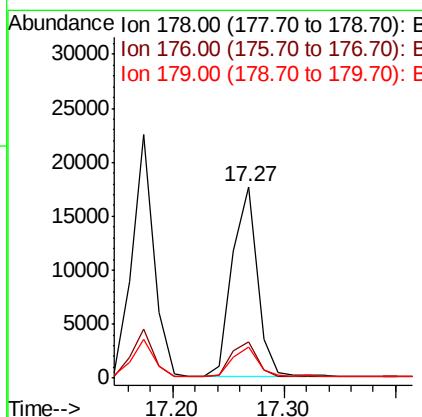
RT: 17.27 min Scan# 1123

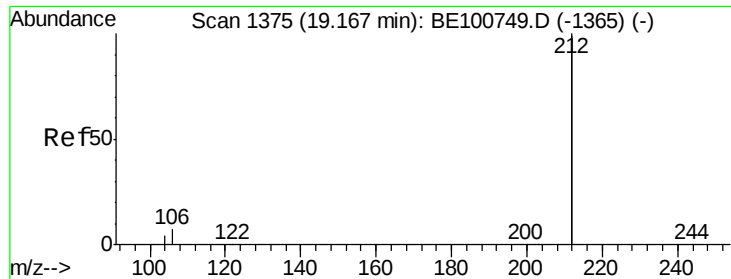
Delta R.T. -0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Tgt Ion:178	Resp:	27240
Ion Ratio	Lower	Upper
178	100	
176	19.1	14.9 22.3
179	15.5	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Instrument :

BNA_E

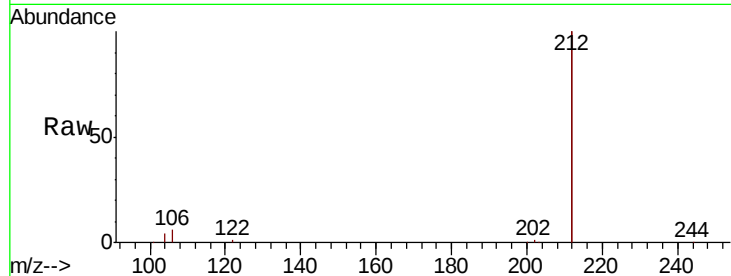
ClientSampleId :

HF-102SMS

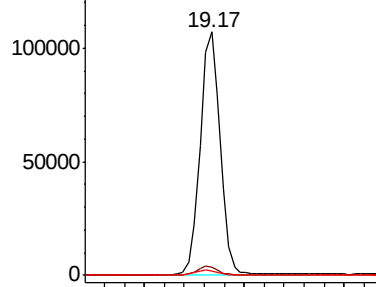
Tot Ion	Ratio	Resp	Lower	Upper
212	100	147202		
106	3.4	2.6	4.0	
104	1.9	1.5	2.3	

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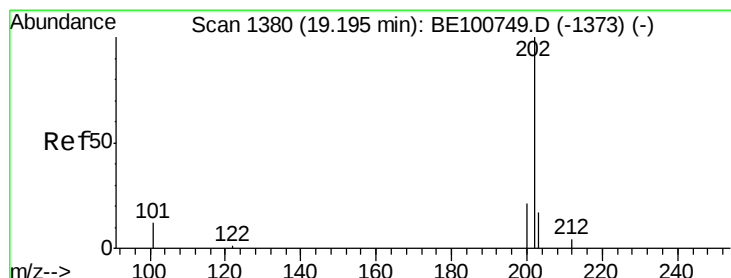
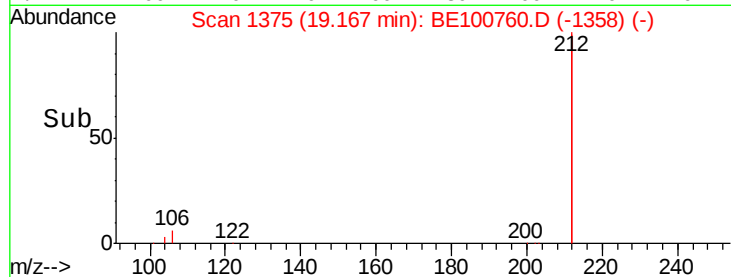
mohammad
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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.413 ng

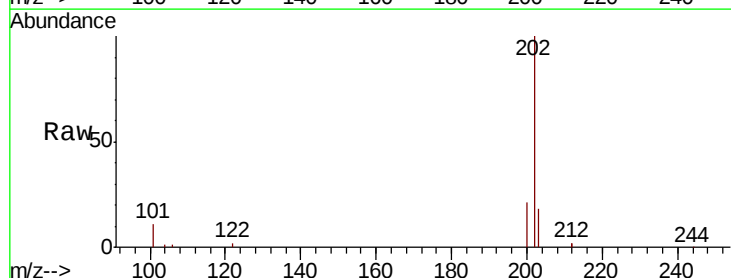
RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

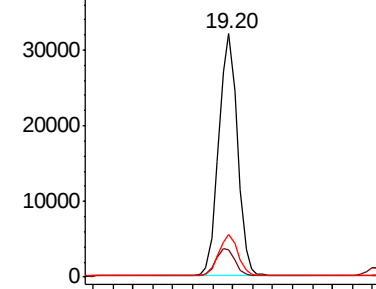
Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

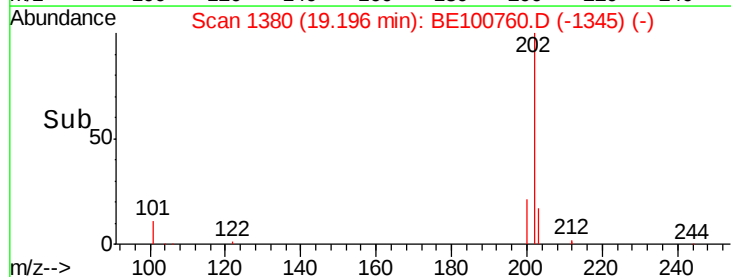
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	42129		
101	12.2	9.2	13.8	
203	17.3	13.8	20.8	

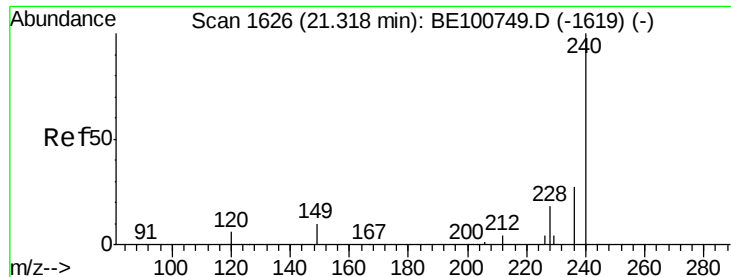


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





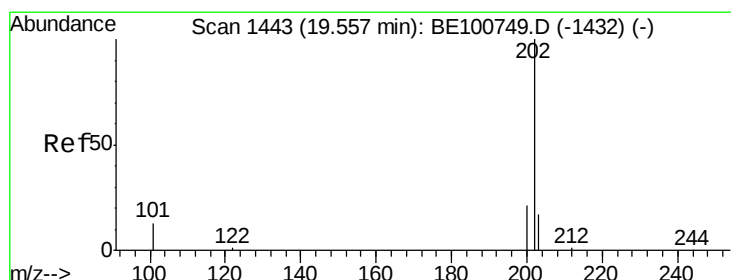
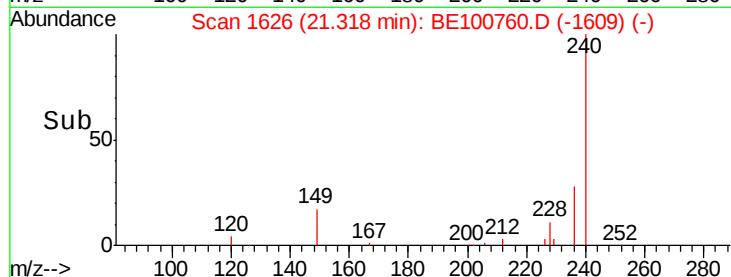
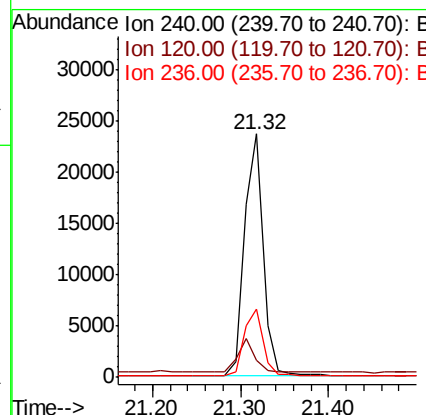
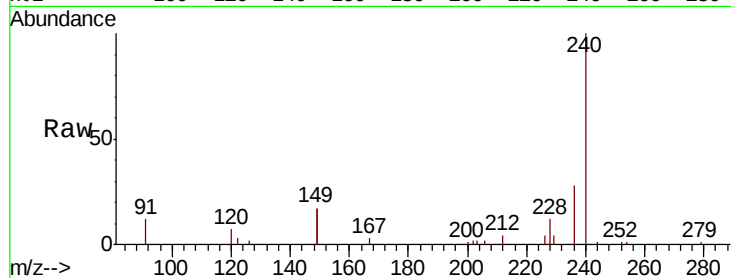
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.8	8.8
236	28.0	21.9	32.9

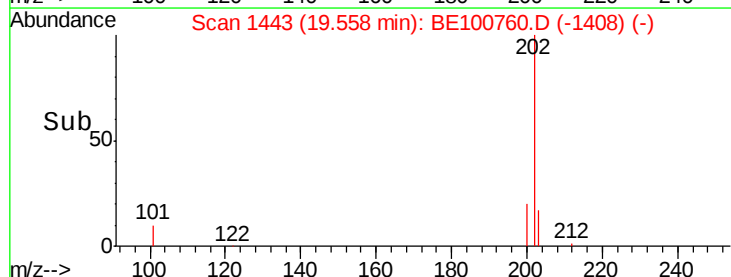
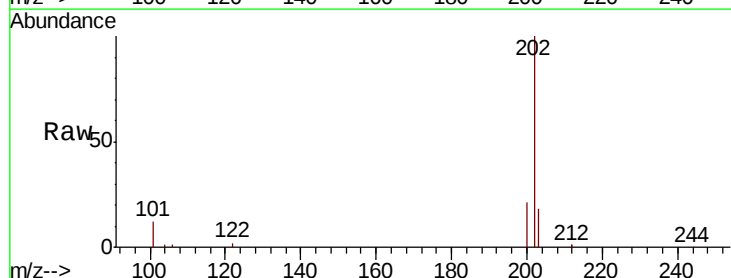
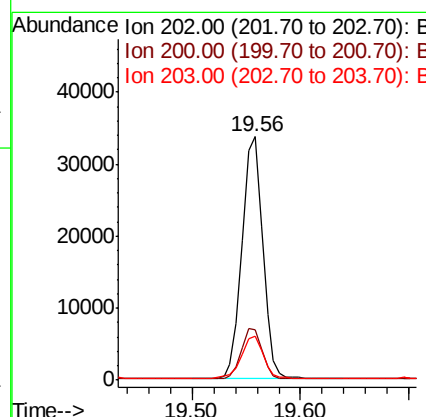
Manual Integrations
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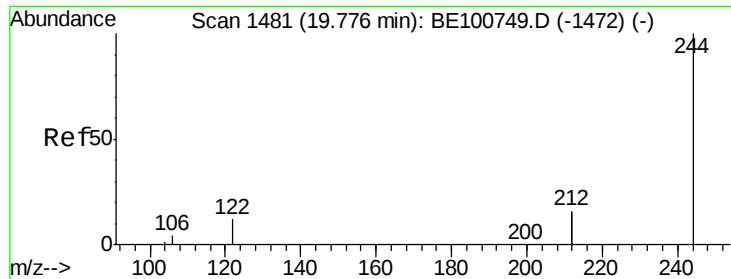
mohammad
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#28
Pyrene
Concen: 0.415 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	18.3	14.0	21.0





#29

Terphenyl-d14

Concen: 0.445 ng

RT: 19.77 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Instrument :

BNA_E

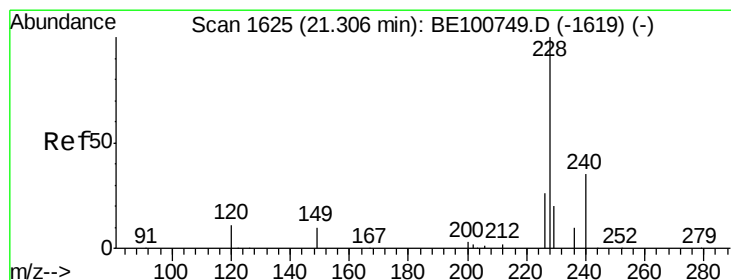
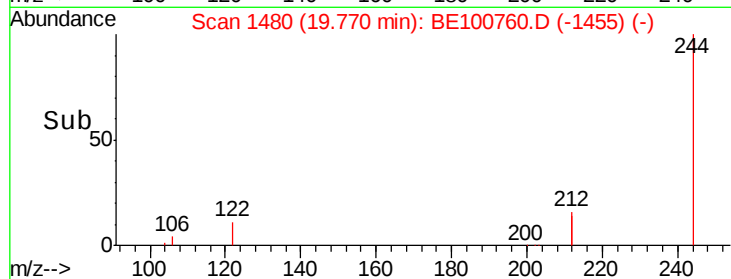
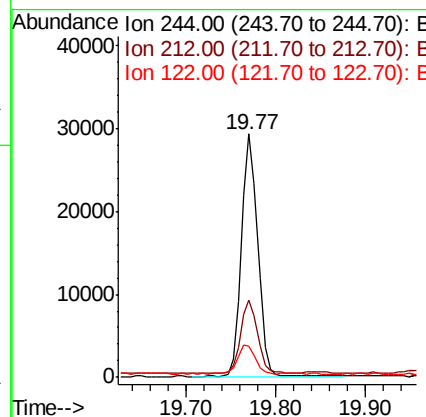
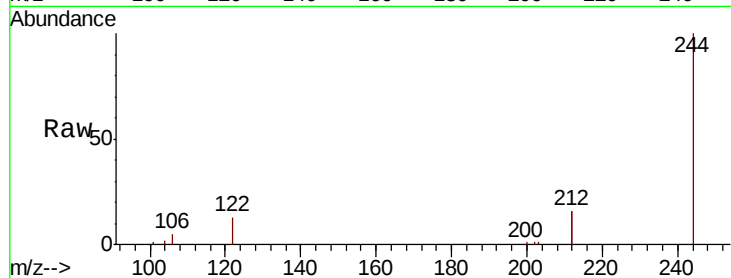
ClientSampleId :

HF-102SMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.2	37.8
122	12.9	9.8	14.6

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#30

Benzo(a)anthracene

Concen: 0.408 ng

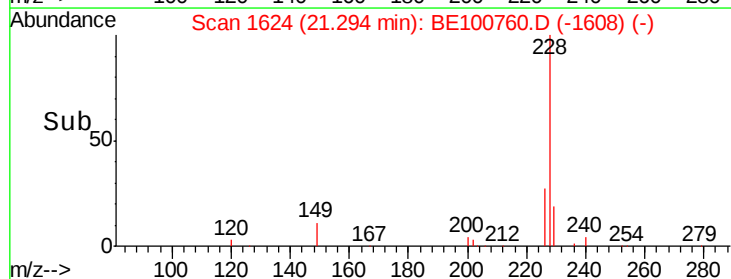
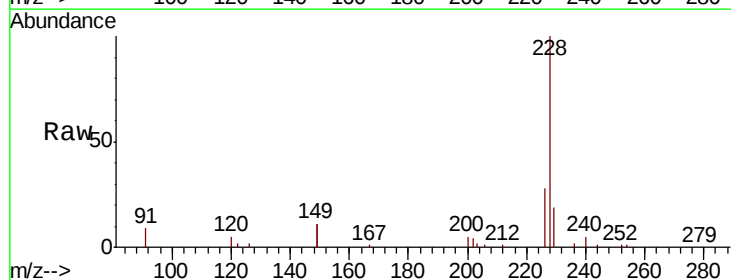
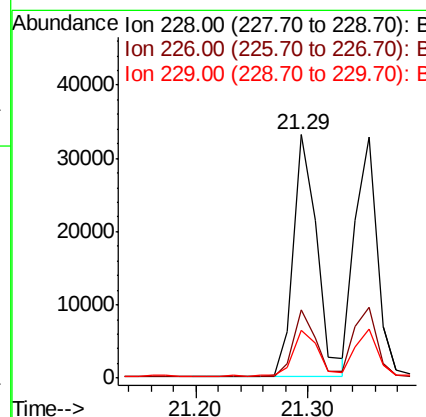
RT: 21.29 min Scan# 1624

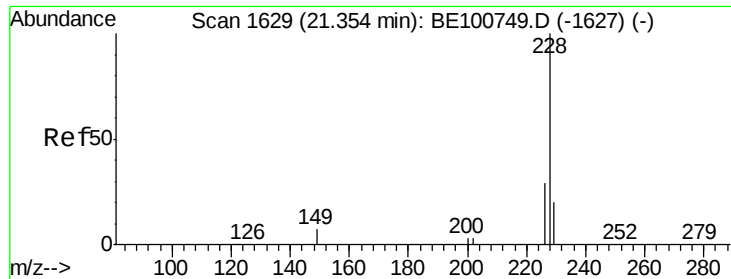
Delta R.T. -0.01 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	20.7	31.1
229	19.5	16.2	24.2





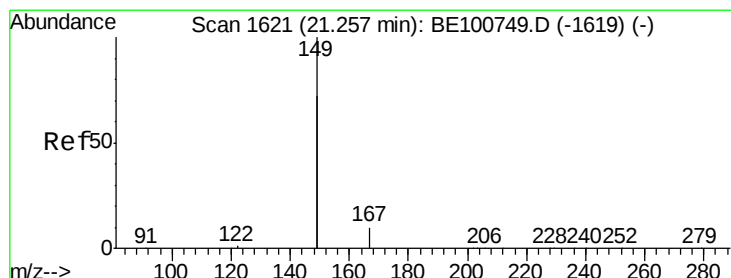
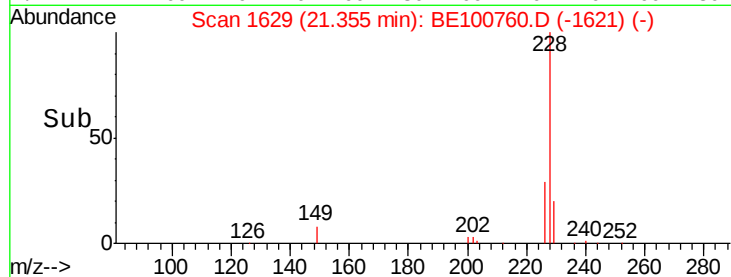
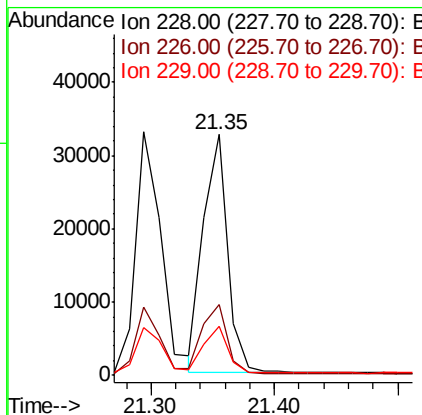
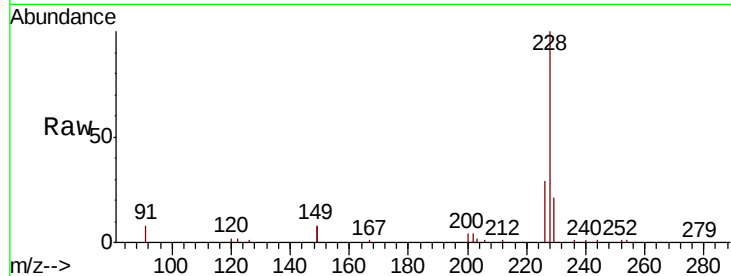
#31
Chrysene
Concen: 0.376 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	20.6	15.9	23.9

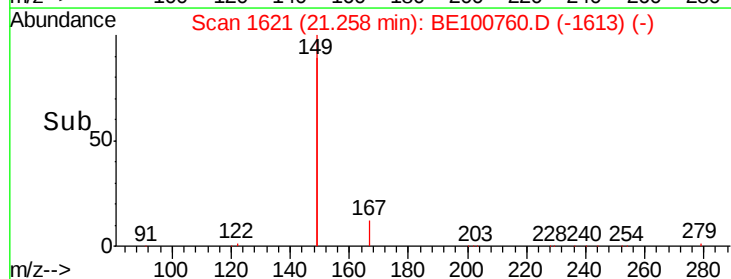
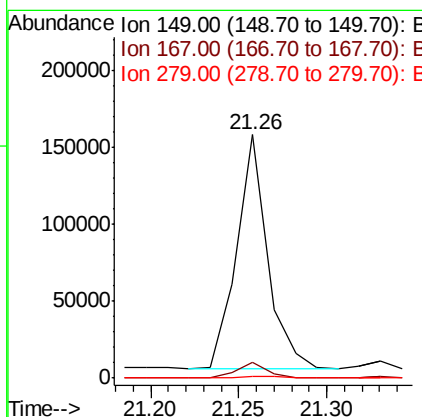
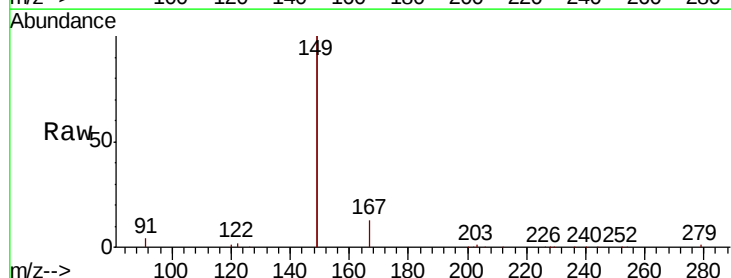
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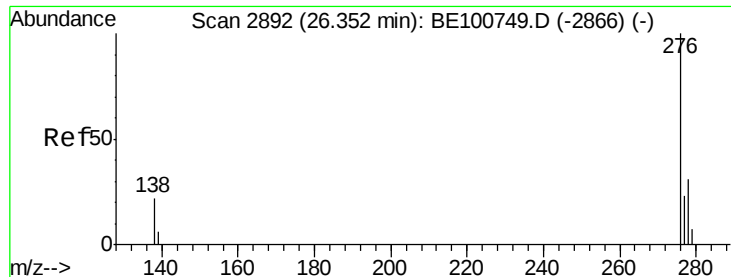
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#32
Bis(2-ethylhexyl)phthalate
Concen: 1.167 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.5	8.3
279	0.8	0.7	1.1





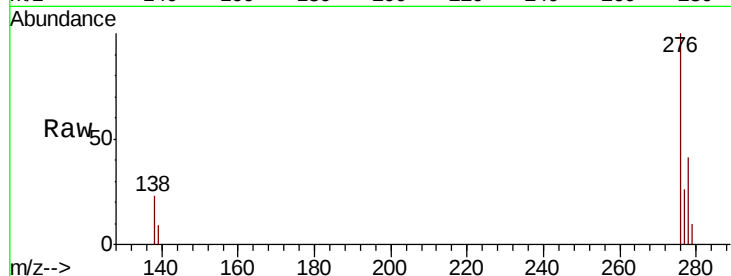
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng
RT: 26.35 min Scan# 2892
Delta R.T. 0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.8	29.6
277	24.3	19.7	29.5

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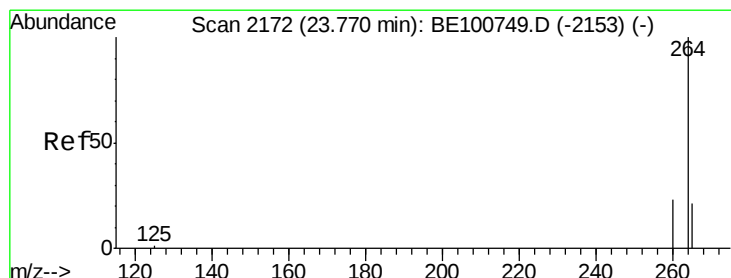
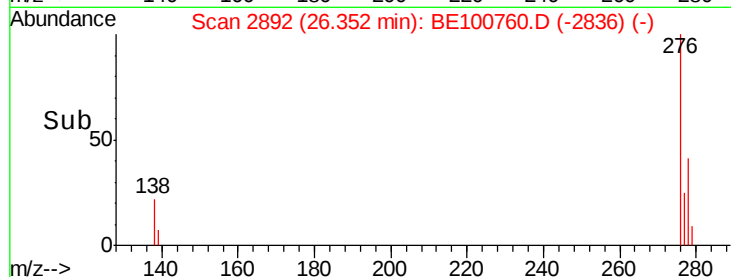
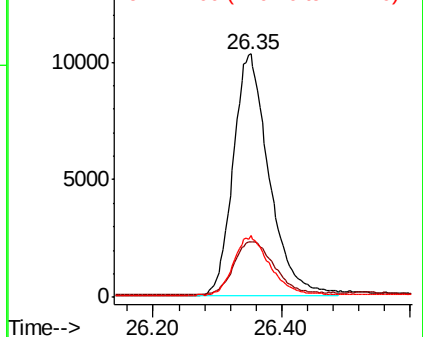


Abundance

Ion 276.00 (275.70 to 276.70): E

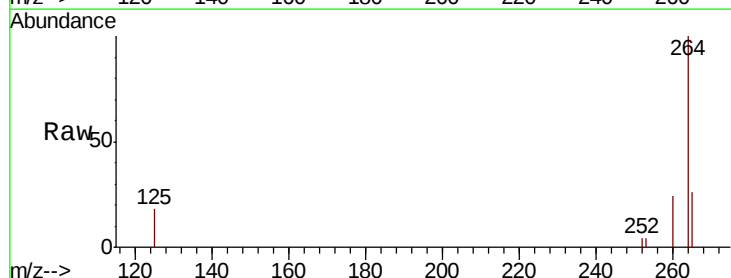
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	25.9	22.4	33.6

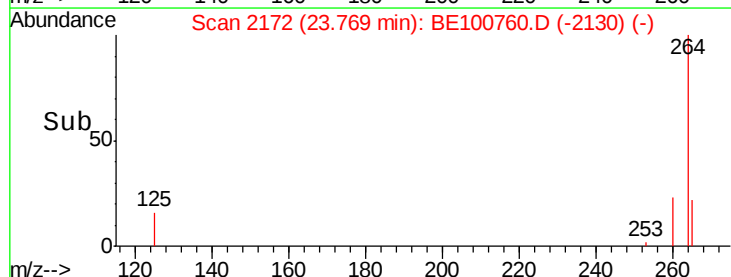
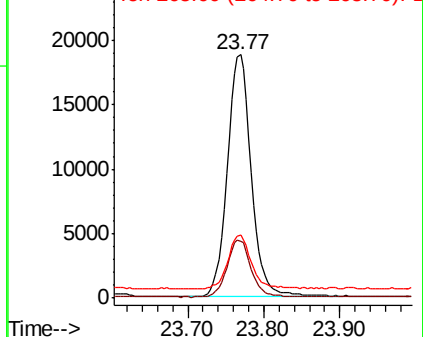


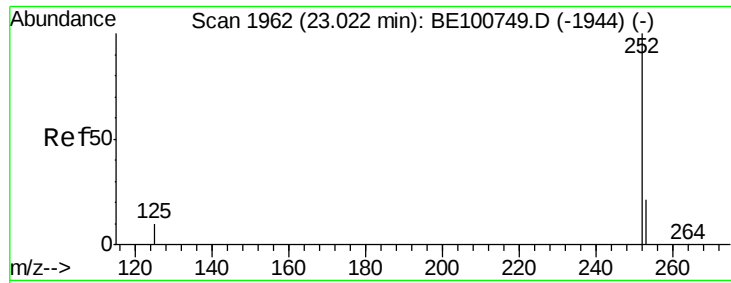
Abundance

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





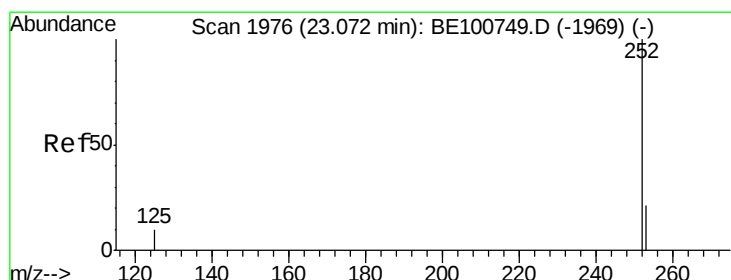
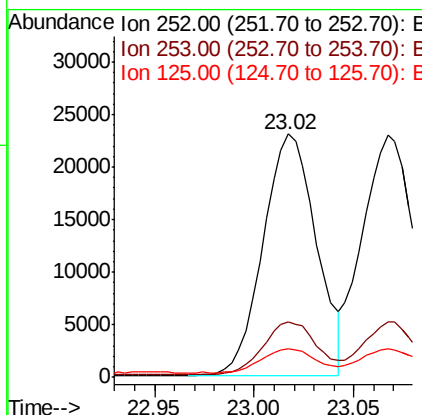
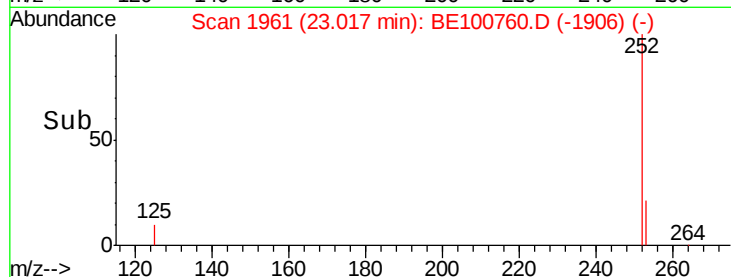
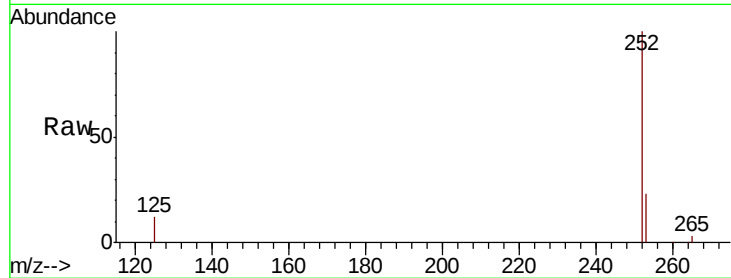
#35
Benzo(b)fluoranthene
Concen: 0.328 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :
HF-102SMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.5	9.1	13.7

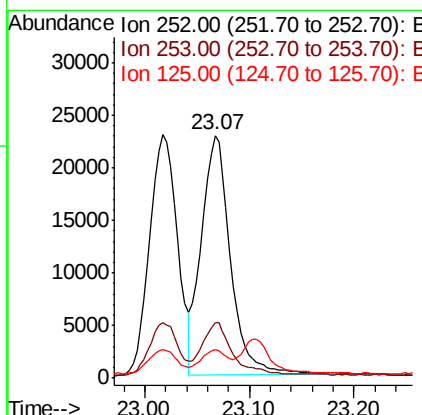
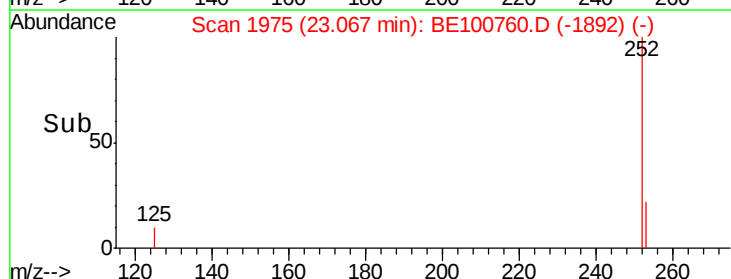
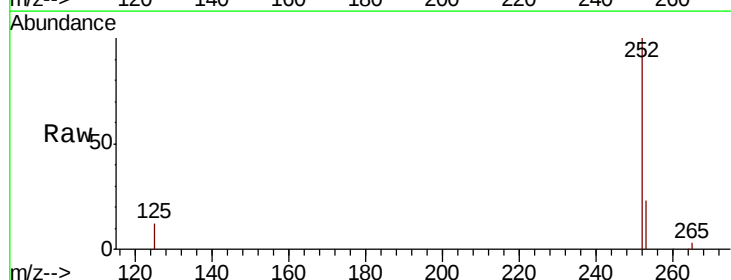
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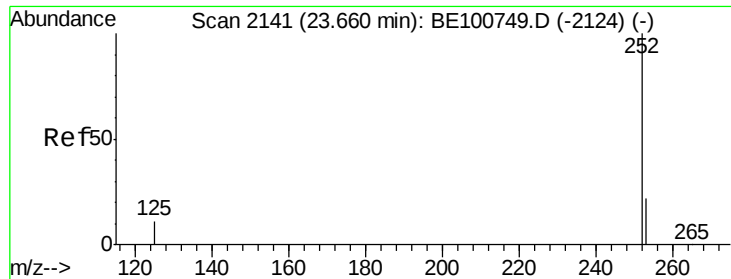
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#36
Benzo(k)fluoranthene
Concen: 0.331 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100760.D
Acq: 22 Nov 2019 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	11.7	9.0	13.4





#37

Benzo(a)pyrene

Concen: 0.347 ng

RT: 23.65 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Instrument :

BNA_E

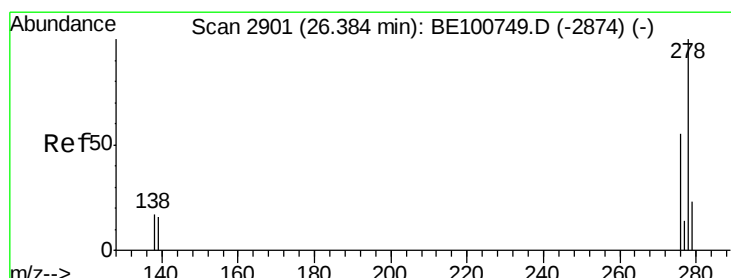
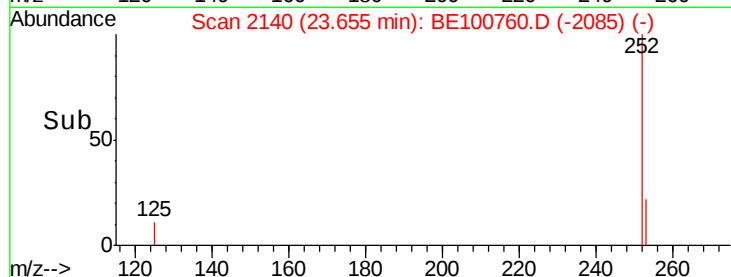
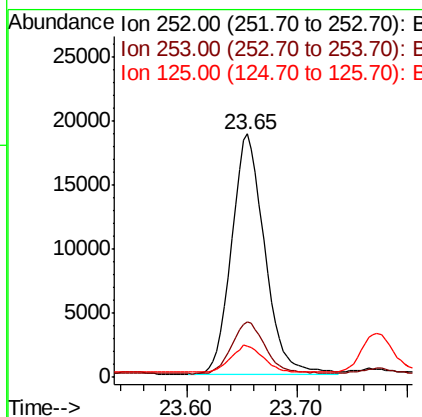
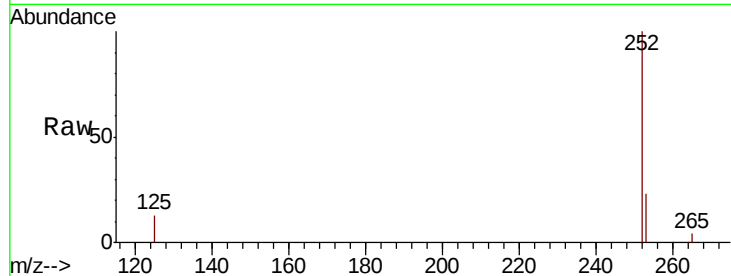
ClientSampleId :

HF-102SMS

Tot Ion:	252	Resp:	39423
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.3	27.5
125	12.8	10.5	15.7

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#38

Dibenzo(a,h)anthracene

Concen: 0.270 ng

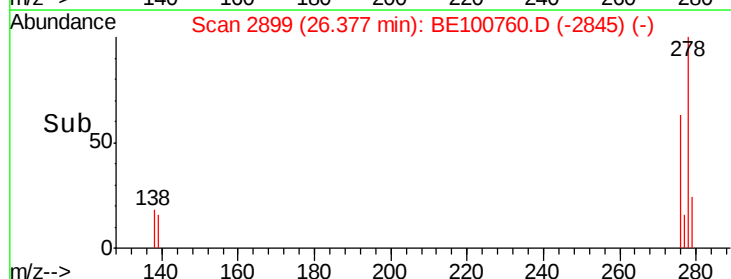
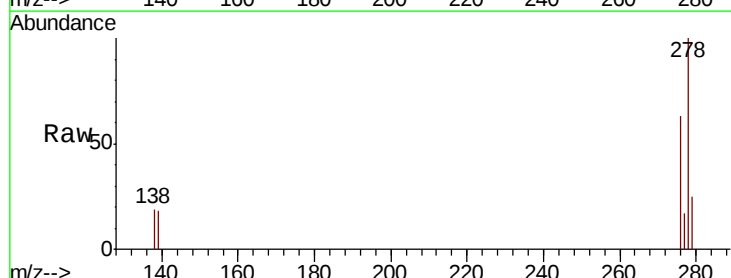
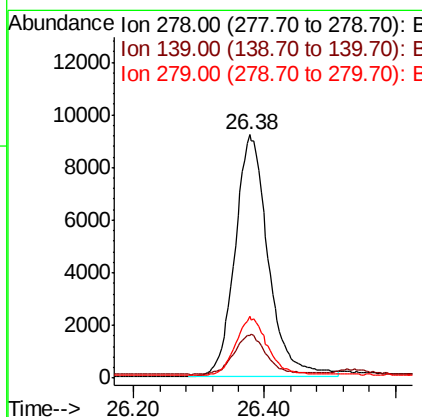
RT: 26.38 min Scan# 2899

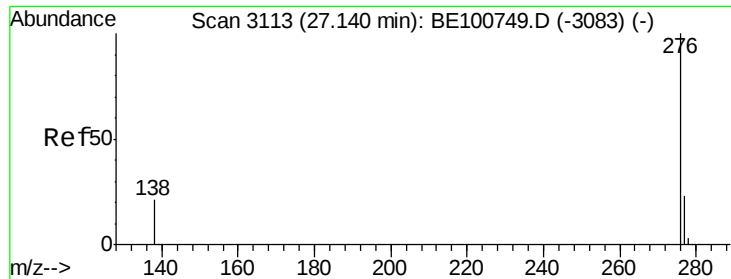
Delta R.T. -0.01 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Tgt Ion:	278	Resp:	32348
Ion Ratio	Lower	Upper	
278	100		
139	17.6	13.2	19.8
279	25.2	19.4	29.2





#39

Benzo(a,h,i)perylene

Concen: 0.316 ng

RT: 27.14 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BE100760.D

Acq: 22 Nov 2019 15:46

Instrument :

BNA_E

ClientSampleId :

HF-102SMS

Tot Ion:	276	Resp:	35360
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.9	28.3
138	21.5	17.8	26.8

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