

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100671.D
 Acq On : 23 Oct 2019 20:58
 Operator : JU
 Sample : K5486-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-191021

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:12:16 PM

Quant Time: Oct 24 04:41:01 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 23 16:49:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3170	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13051	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8078	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19906	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	29091	0.40	ng	0.00
34) Perylene-d12	23.83	264	33651	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.44	112	2403	0.25	ng	0.00
5) Phenol-d6	7.01	99	2171	0.16	ng	0.00
8) Nitrobenzene-d5	8.99	82	3889	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7745	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1280	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	10984	0.37	ng	0.00
25) Fluoranthene-d10	19.22	212	111073	0.43	ng	0.00
29) Terphenyl-d14	19.82	244	25834	0.41	ng	0.00

Target Compounds

						Qvalue
23) Phenanthrene	17.23	178	1171m	0.021	ng	
26) Fluoranthene	19.24	202	1773	0.025	ng	# 94
28) Pyrene	19.60	202	1796	0.022	ng	# 96
30) Benzo(a)anthracene	21.34	228	2010	0.021	ng	# 87
31) Chrysene	21.39	228	1913	0.020	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.28	149	14470	0.073	ng	# 99
35) Benzo(b)fluoranthene	23.07	252	2141	0.022	ng	# 61
36) Benzo(k)fluoranthene	23.12	252	2328	0.023	ng	# 1
38) Dibenzo(a,h)anthracene	26.46	278	1963	0.021	ng	# 61
39) Benzo(a,h,i)perylene	27.23	276	1948	0.021	ng	# 71

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

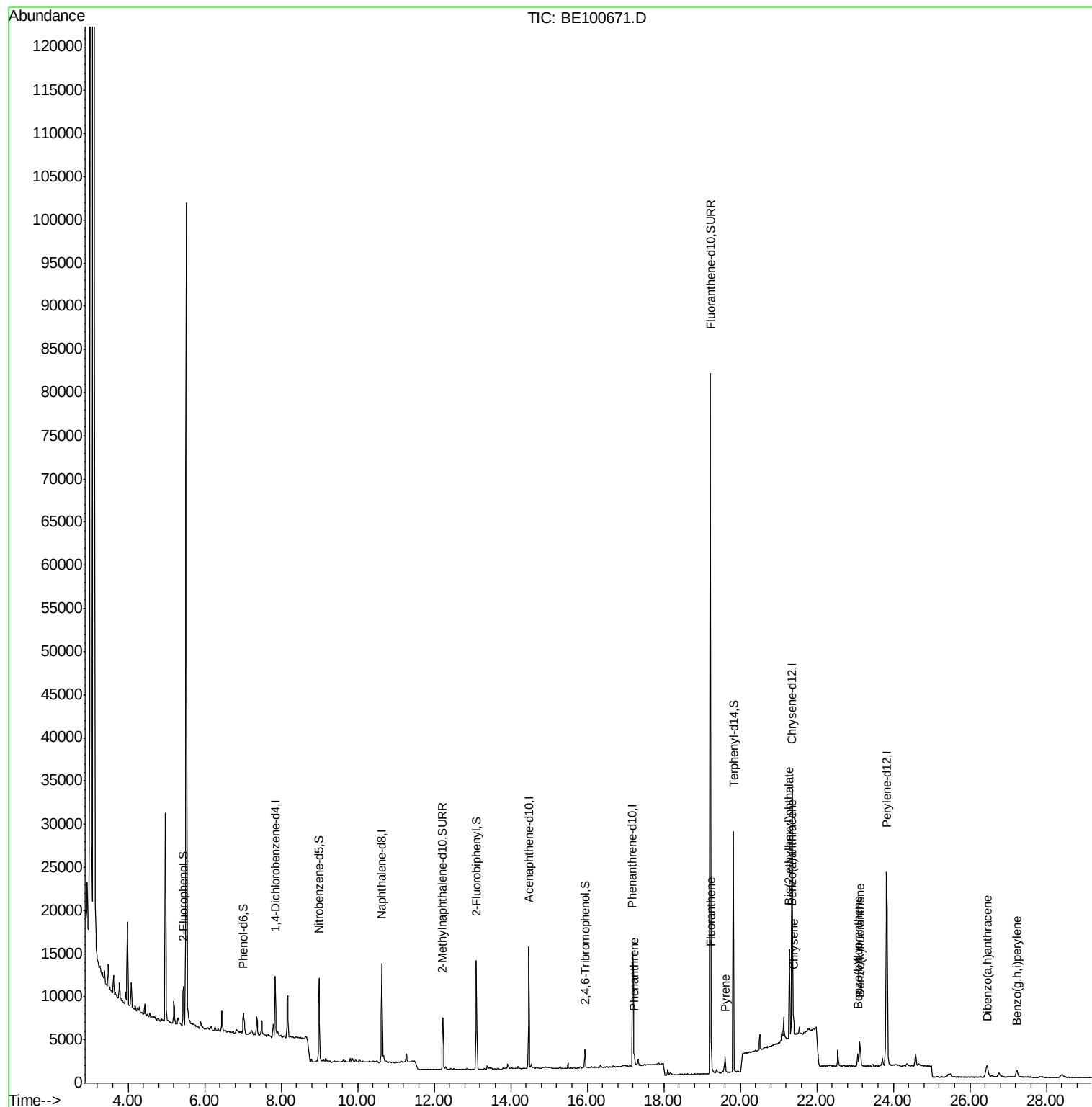
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100671.D
Acq On : 23 Oct 2019 20:58
Operator : JU
Sample : K5486-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

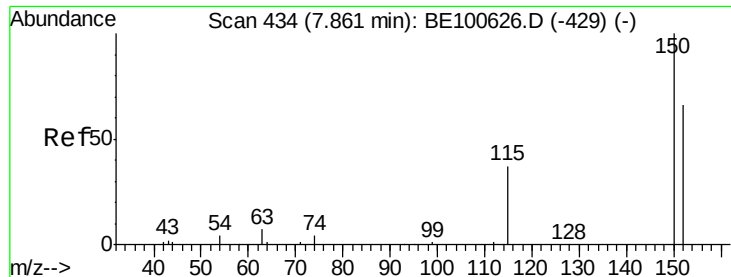
Instrument :
BNA_E
ClientSampleId :
KY038PS037-191021

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Quant Time: Oct 24 04:41:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

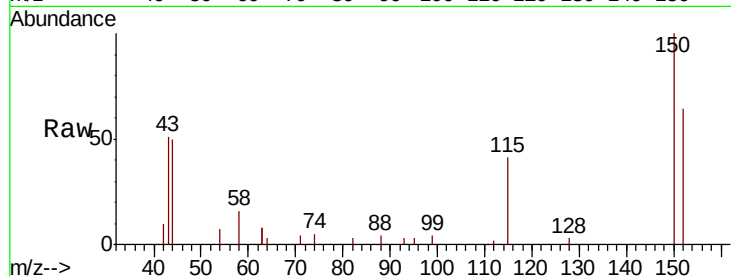
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191021

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.3	184.9
115	64.2	51.9	77.9

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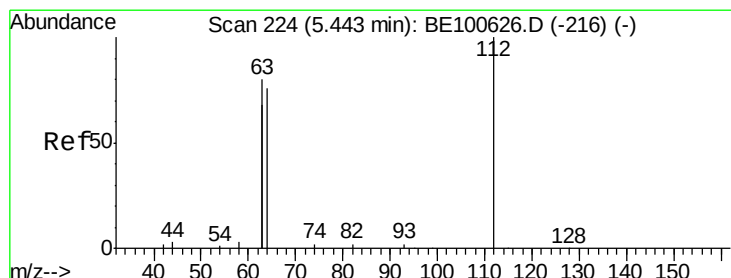
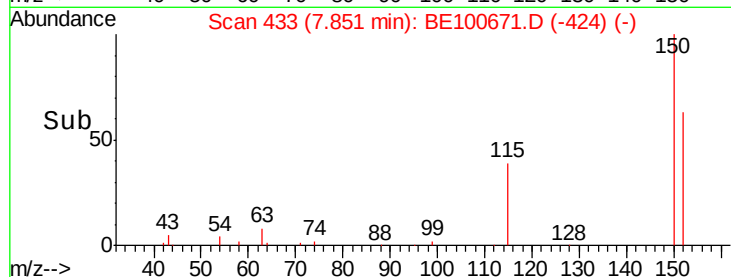
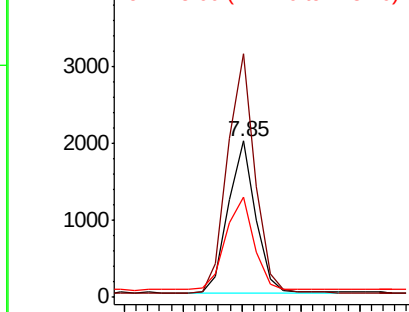


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

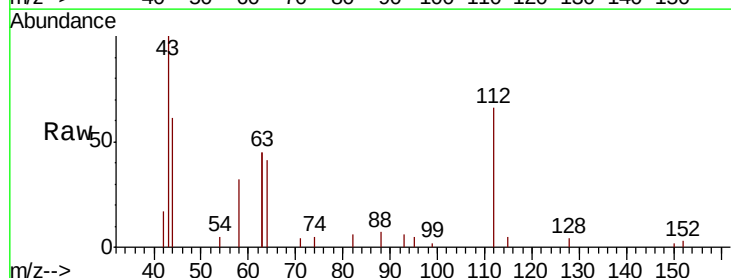
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.245 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.4	83.2
63	136.9	114.2	171.4

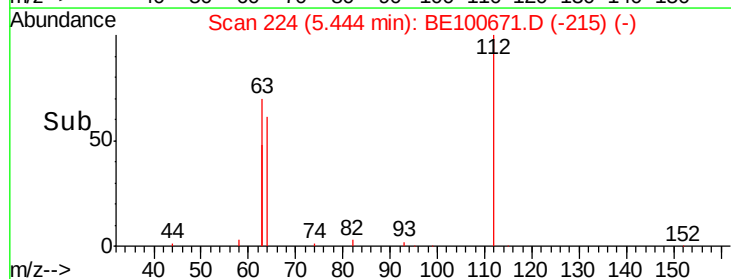
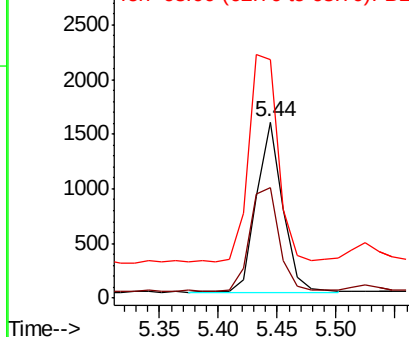


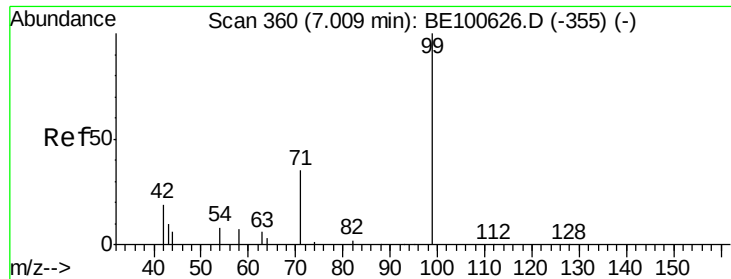
Abundance

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: 0.157 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100671.D

Acq: 23 Oct 2019 20:58

Instrument :

BNA_E

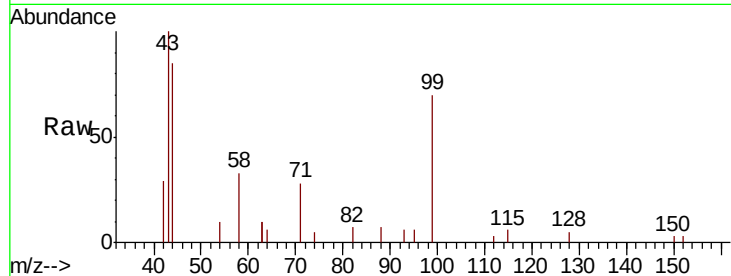
ClientSampleId :

KY038PS037-191021

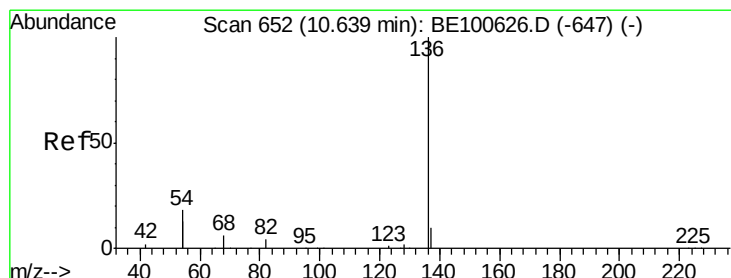
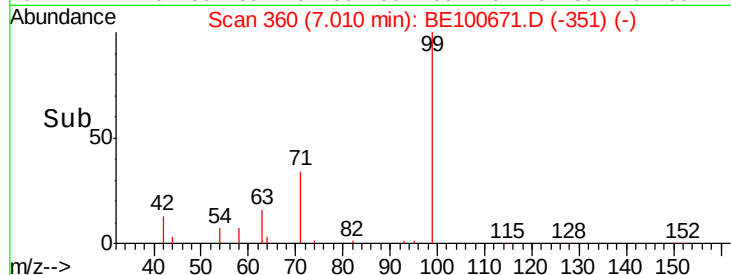
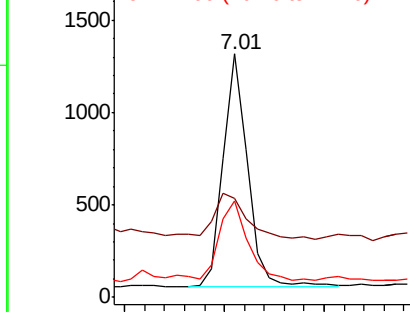
Tot Ion:	99	Resp:	2171
Ion	Ratio	Lower	Upper
99	100		
42	25.1	17.7	26.5
71	38.9	27.4	41.0

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Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

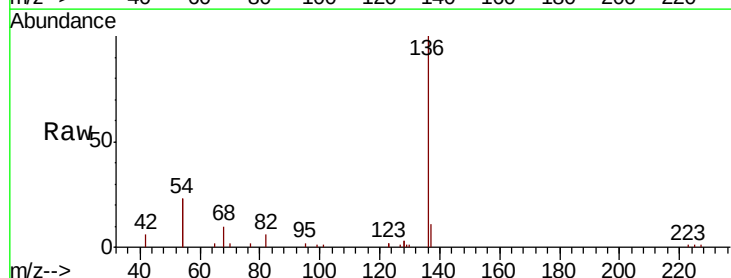
RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

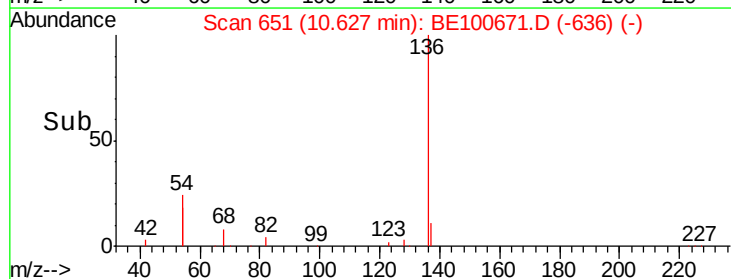
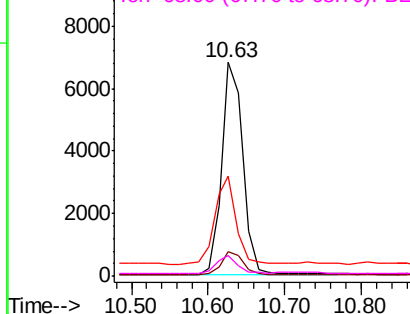
Lab File: BE100671.D

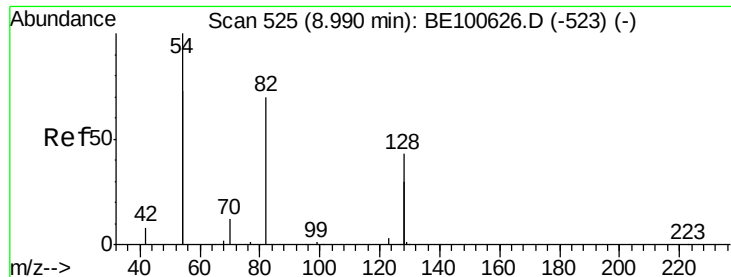
Acq: 23 Oct 2019 20:58

Tgt Ion:	136	Resp:	13051
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	47.0	39.4	59.2
68	9.6	8.0	12.0



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





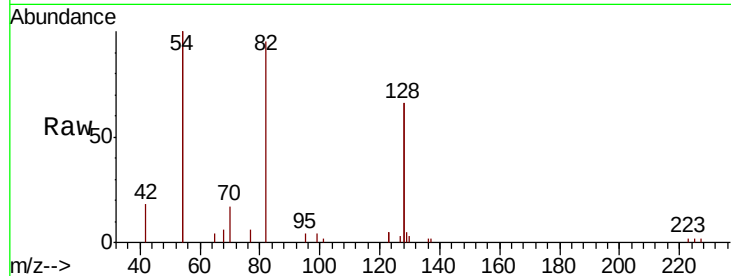
#8
 Nitrobenzene-d5
 Concen: 0.481 ng
 RT: 8.99 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BE100671.D
 Acq: 23 Oct 2019 20:58

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-191021

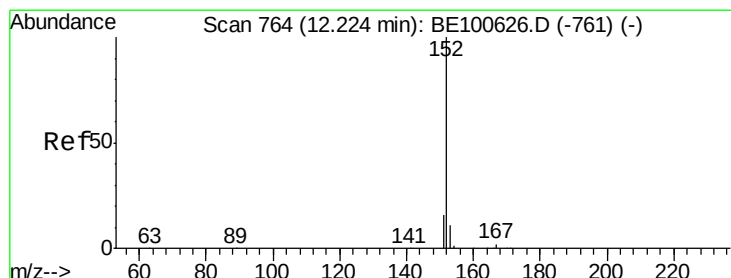
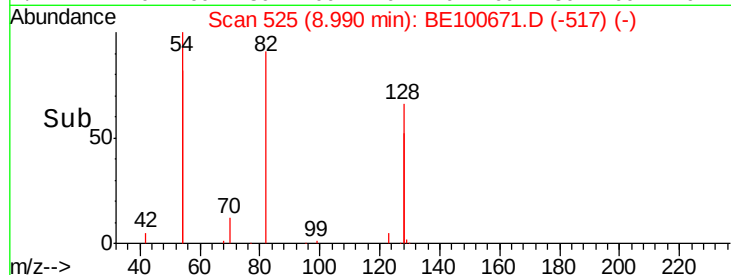
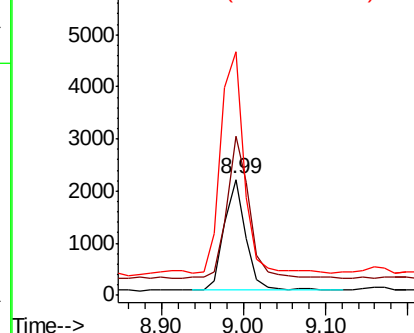
Tot Ion	Ratio	Lower	Upper
82	100		
128	138.0	107.8	161.8
54	210.3	166.1	249.1

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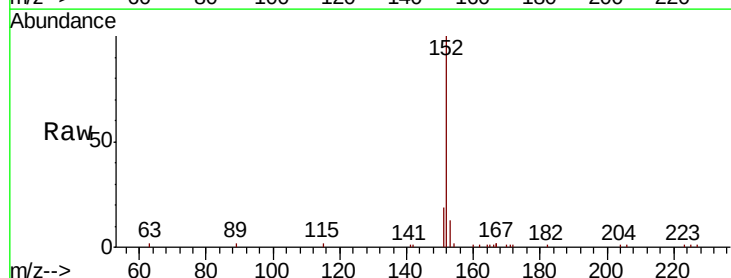


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

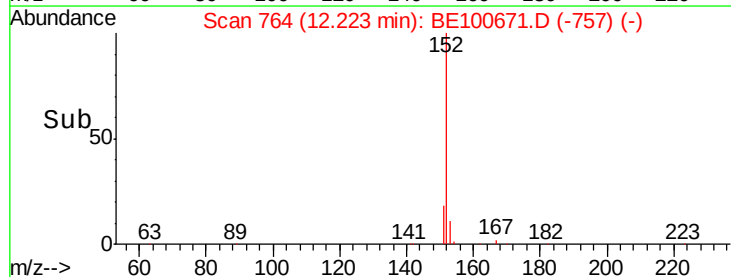
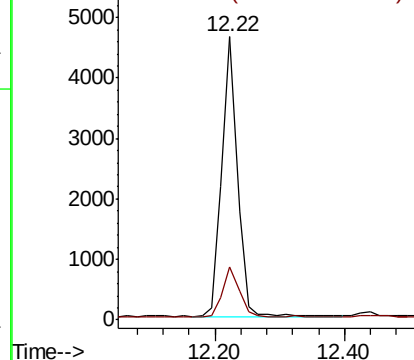


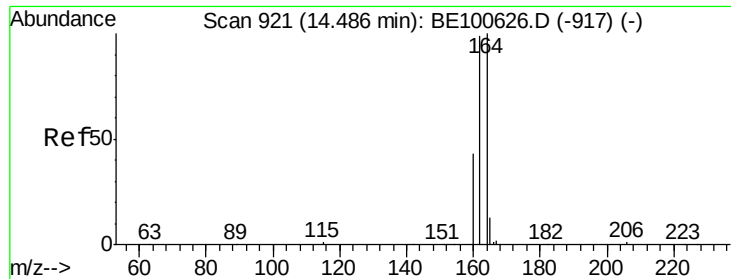
#11
 2-Methylnaphthalene-d10
 Concen: 0.376 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100671.D
 Acq: 23 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	14.7	22.1



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





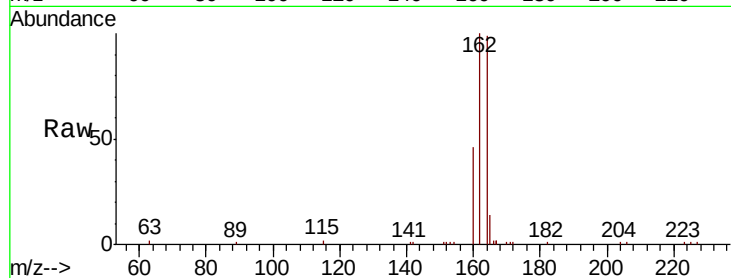
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191021

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.0	123.0
160	46.0	37.5	56.3

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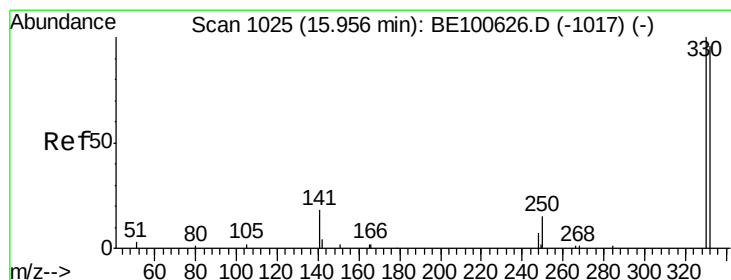
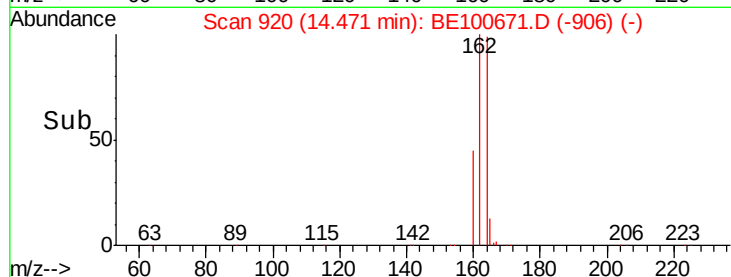
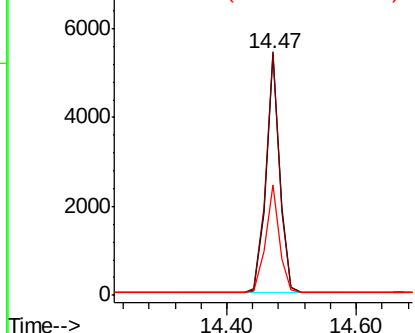


Abundance

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: 0.600 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

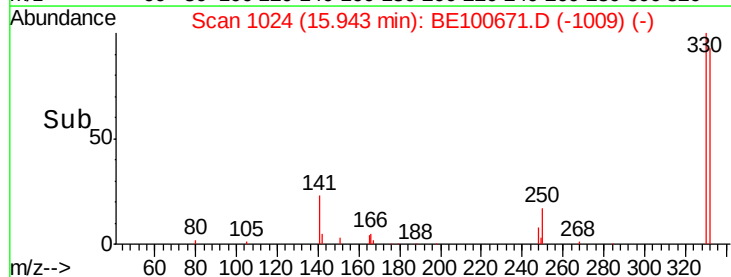
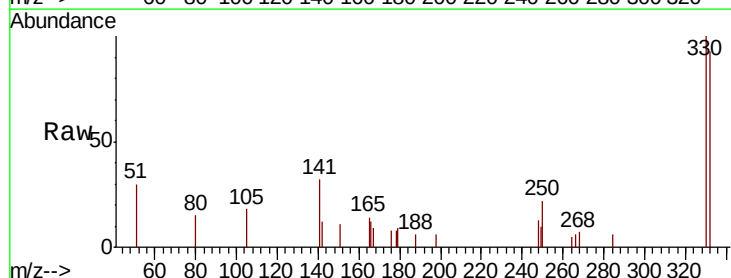
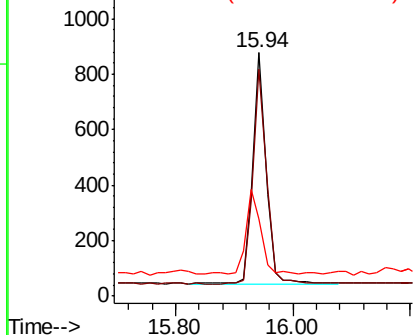
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.9	116.9
141	41.6	33.0	49.6

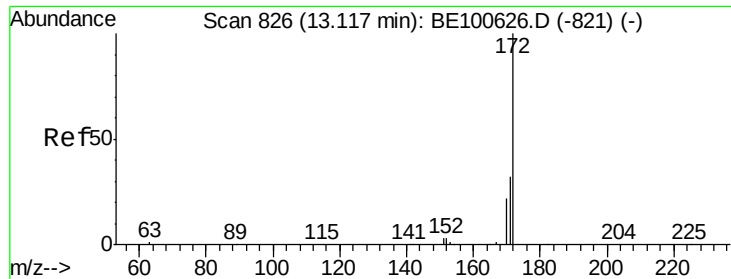
Abundance

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





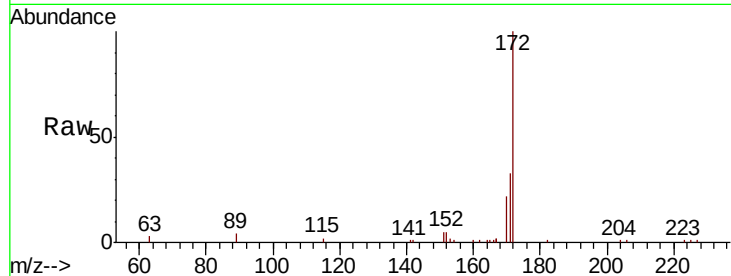
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191021

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.5	39.7
170	22.4	19.0	28.4

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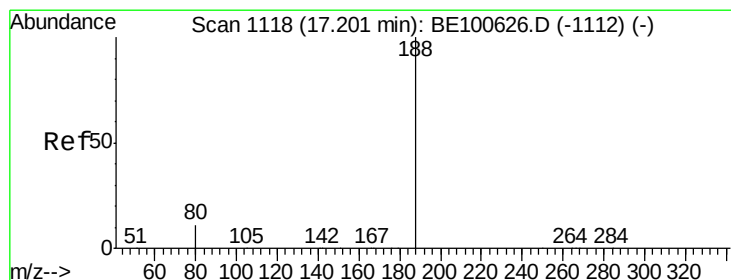
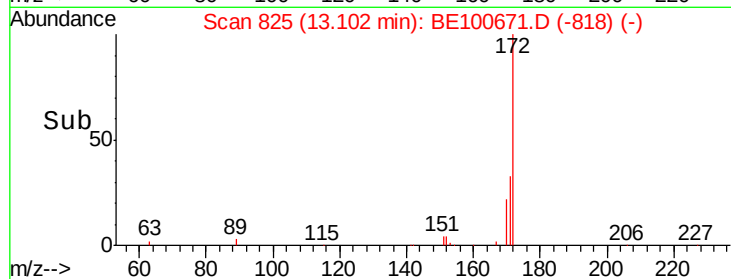
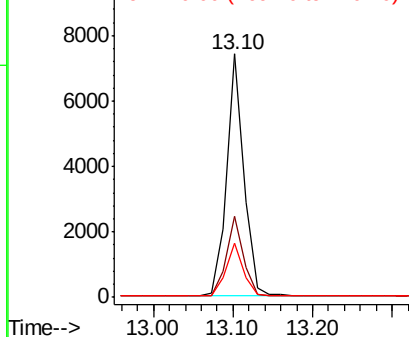


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

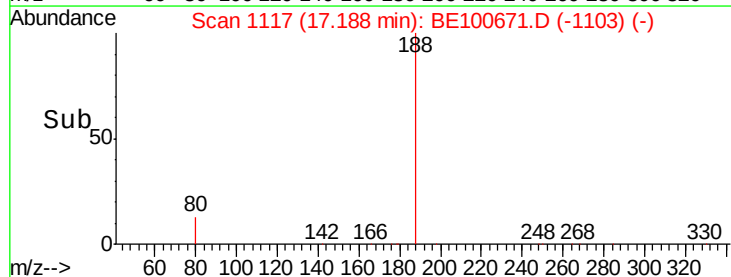
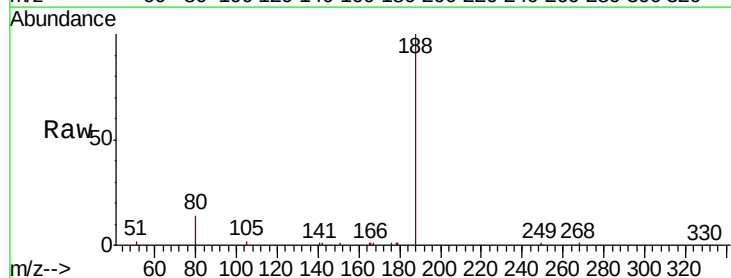
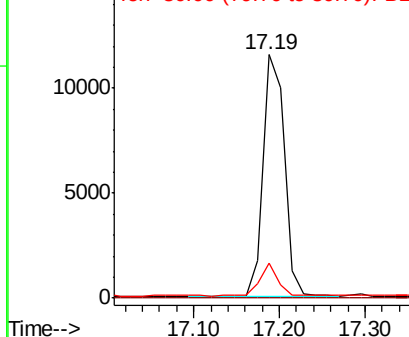
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	5.4	8.0#

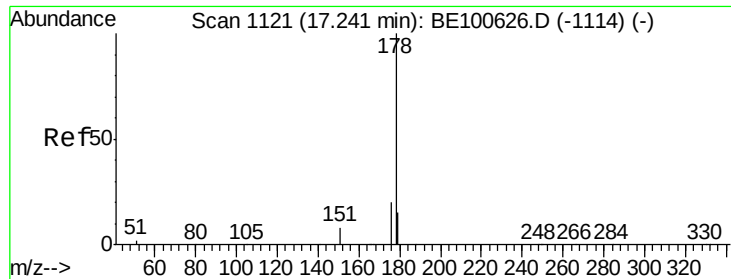
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





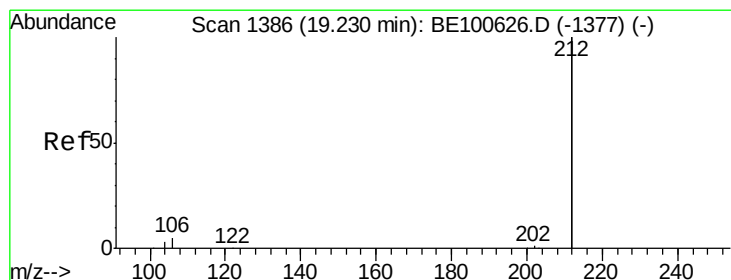
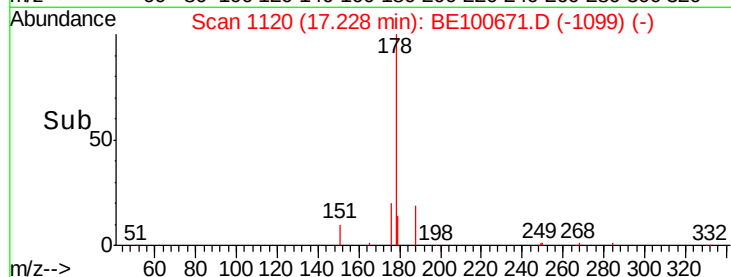
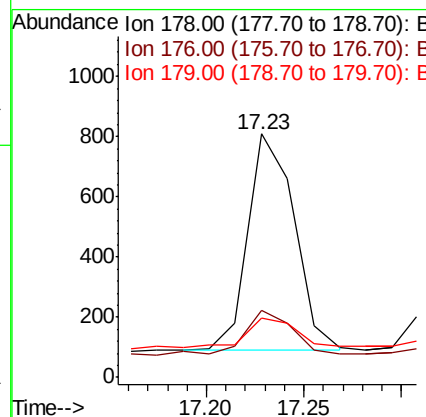
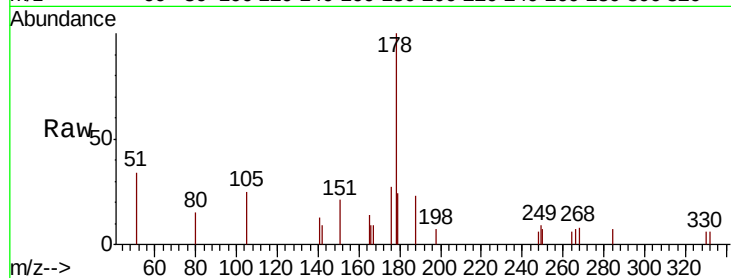
#23
Phenanthrene
Concen: 0.021 ng/ml
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191021

Tot Ion	Ratio	Lower	Upper
178	100		
176	15.5	15.2	22.8
179	11.0	12.1	18.1

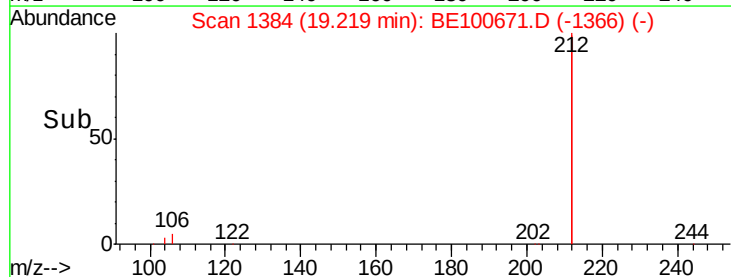
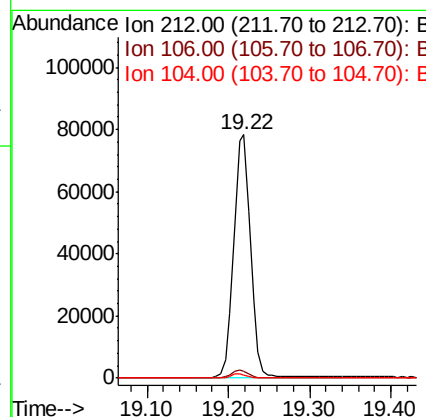
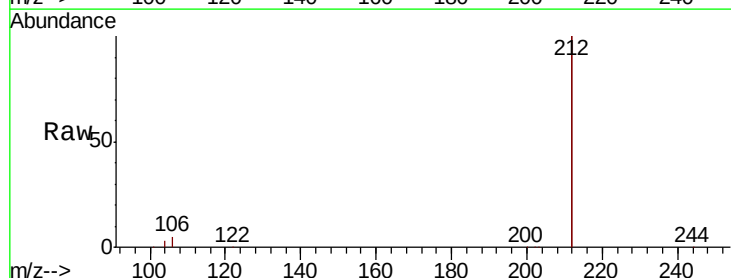
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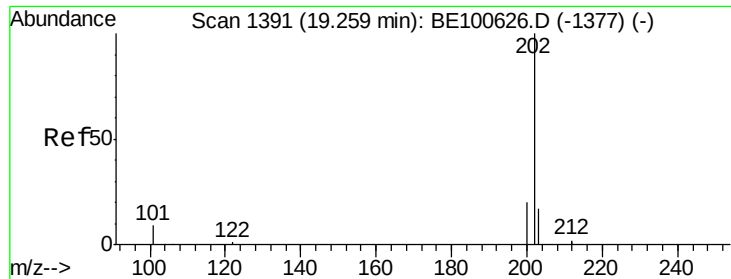
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#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9





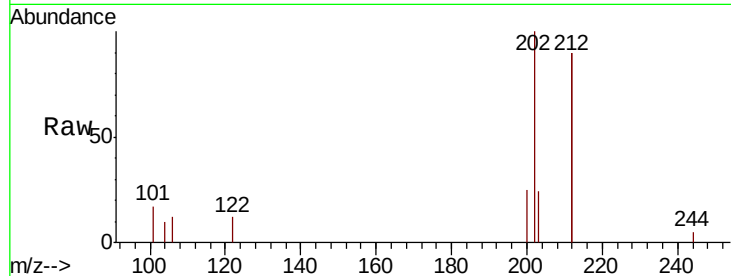
#26
Fluoranthene
Concen: 0.025 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191021

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.1	8.5	12.7#
203	17.8	13.8	20.8

Manual Integrations
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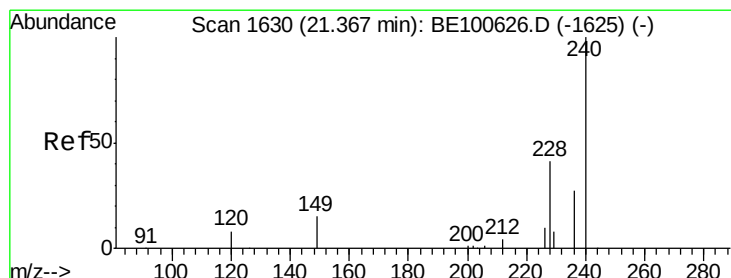
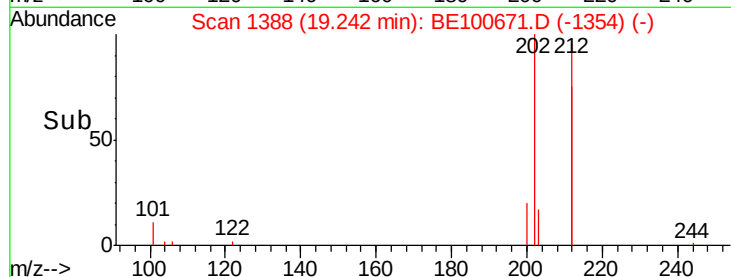
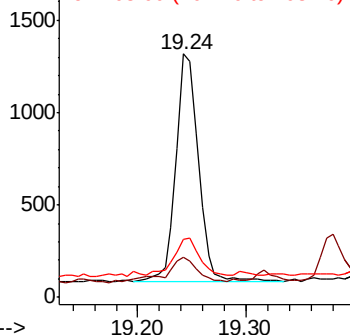


Abundance

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: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

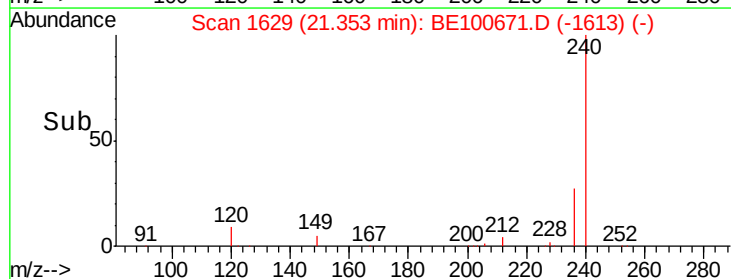
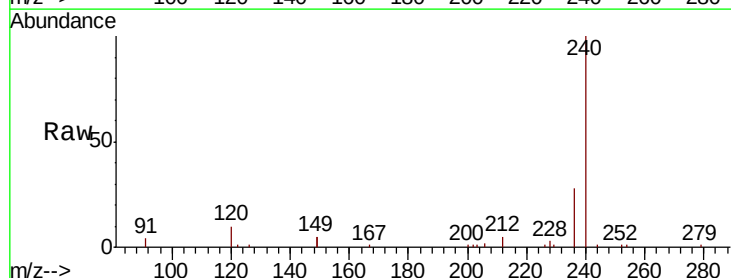
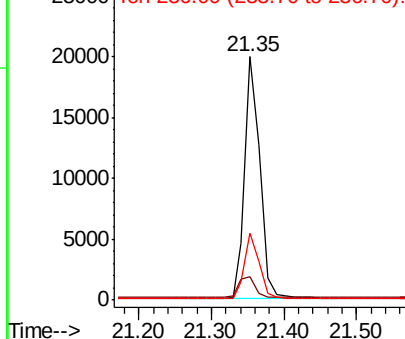
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	27.5	22.1	33.1

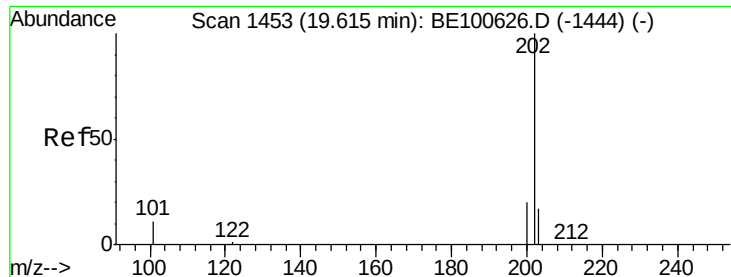
Abundance

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





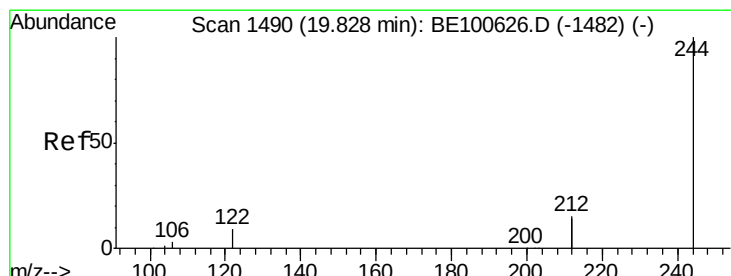
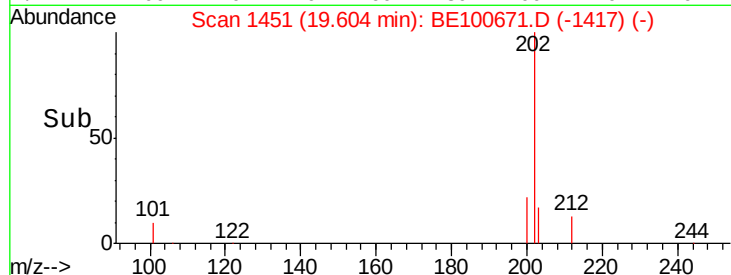
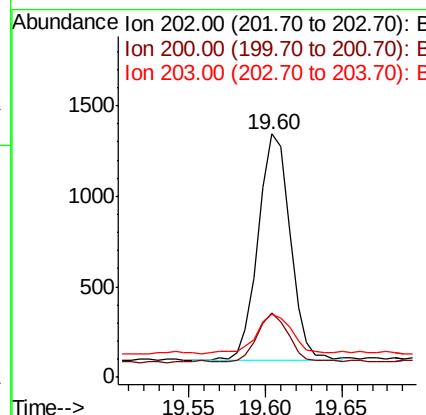
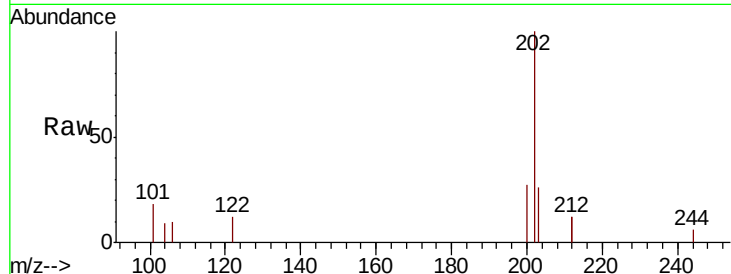
#28
Pvrene
Concen: 0.022 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191021

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	20.8	14.0	21.0

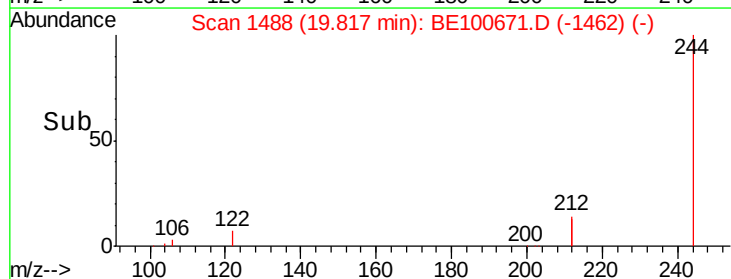
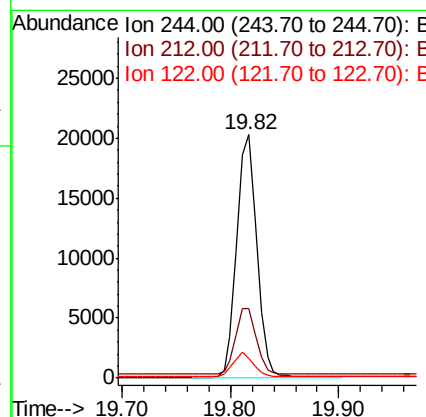
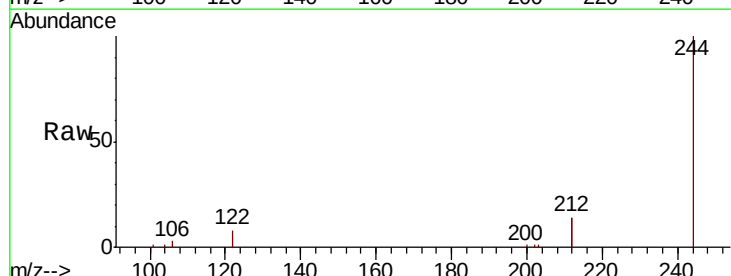
Manual Integrations
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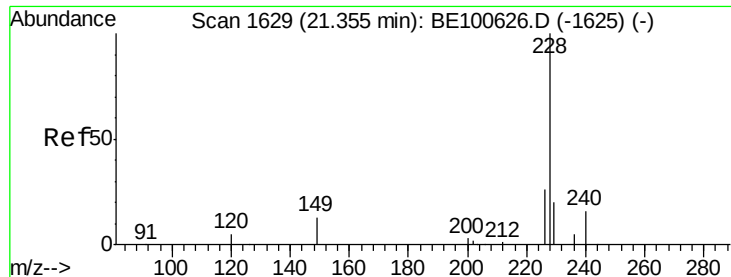
mohammad
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#29
Terphenyl-d14
Concen: 0.406 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	28.3	23.7	35.5
122	8.1	7.9	11.9





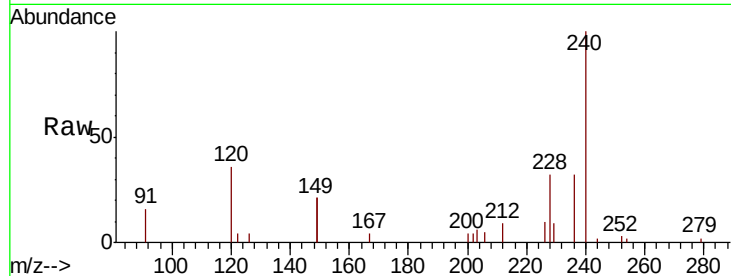
#30
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191021

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	21.4	32.0
229	27.6	16.0	24.0

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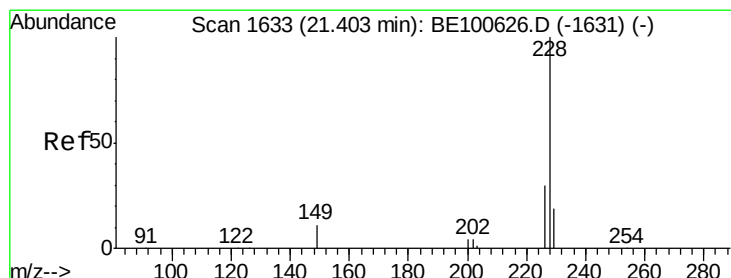
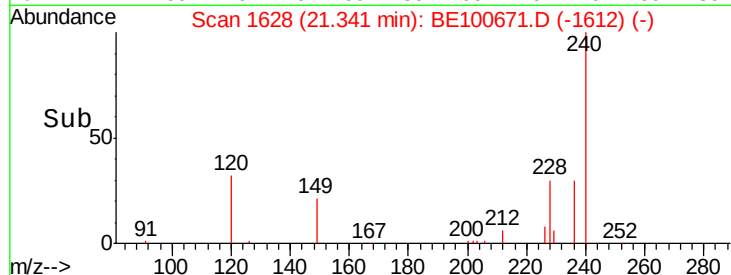
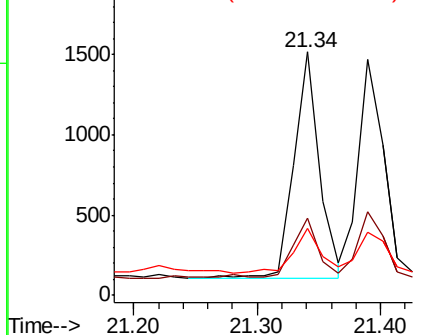


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31
Chrysene
Concen: 0.020 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

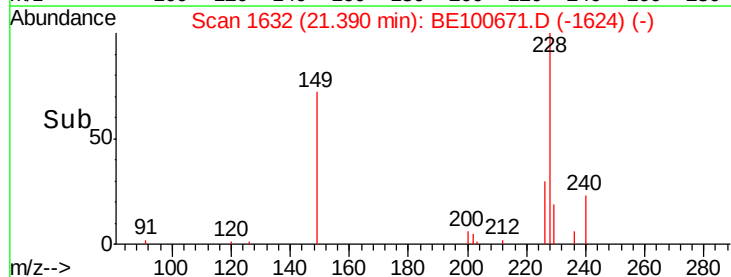
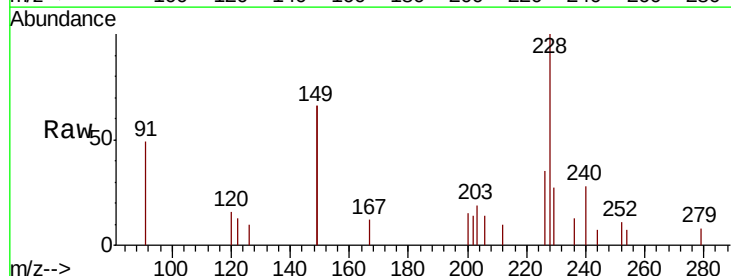
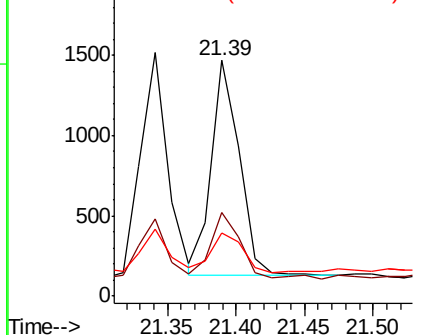
Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	24.6	37.0
229	27.1	15.8	23.8

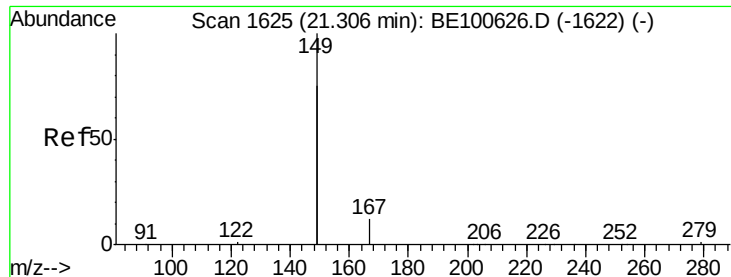
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





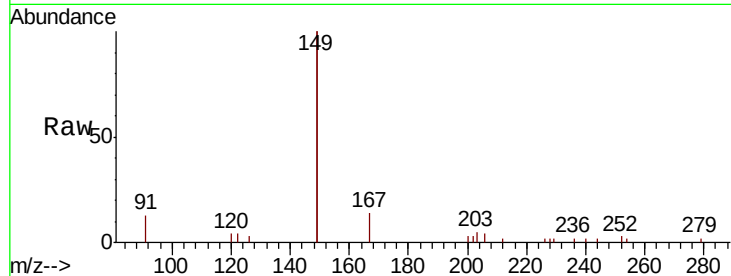
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191021

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.5	8.3
279	1.2	0.9	1.3

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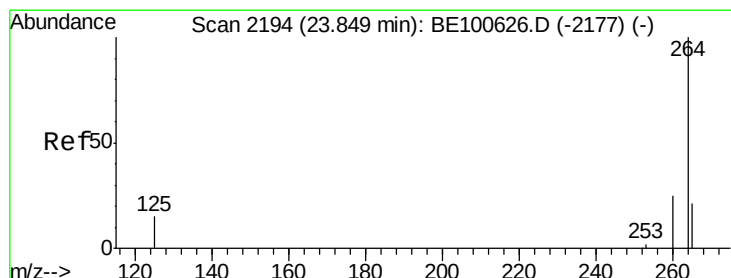
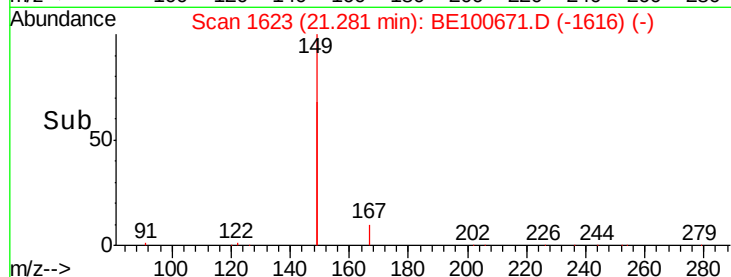
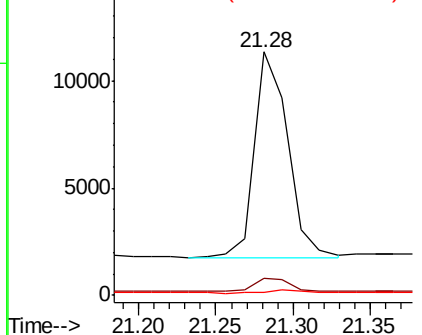


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

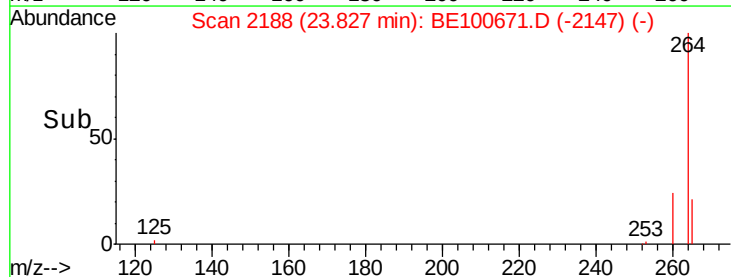
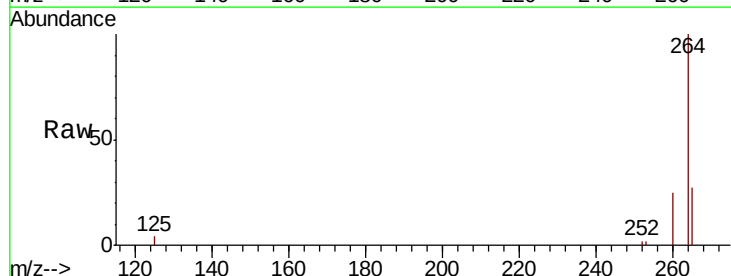
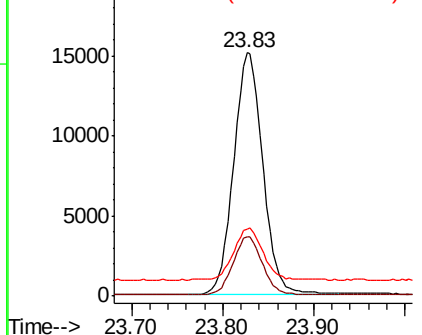
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	27.4	21.7	32.5

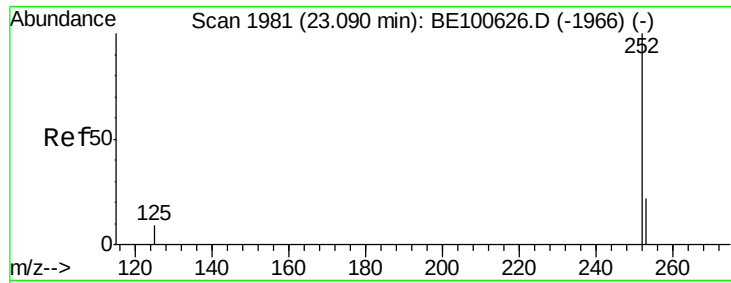
Abundance

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: 0.022 ng

RT: 23.07 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BE100671.D

Acq: 23 Oct 2019 20:58

Instrument :

BNA_E

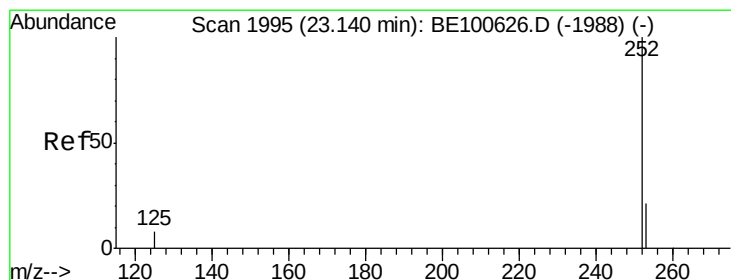
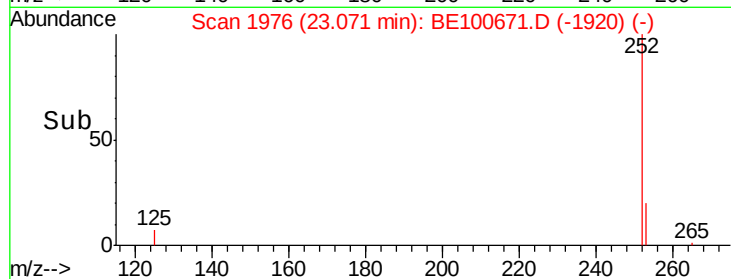
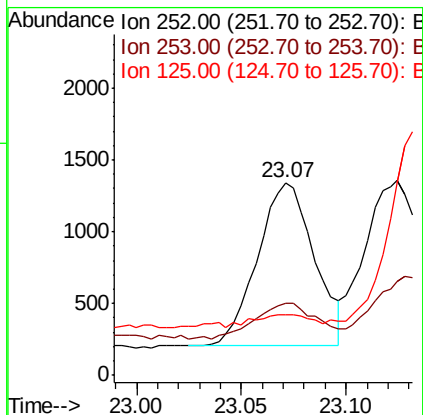
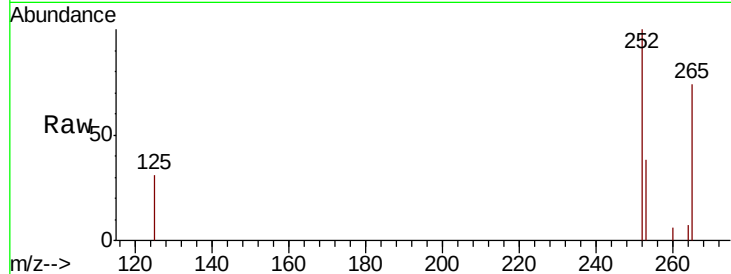
ClientSampleId :

KY038PS037-191021

Tot Ion:	252	Resp:	2141
Ion Ratio	Lower	Upper	
252	100		
253	37.6	18.4	27.6#
125	31.2	7.6	11.4#

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#36

Benzo(k)fluoranthene

Concen: 0.023 ng

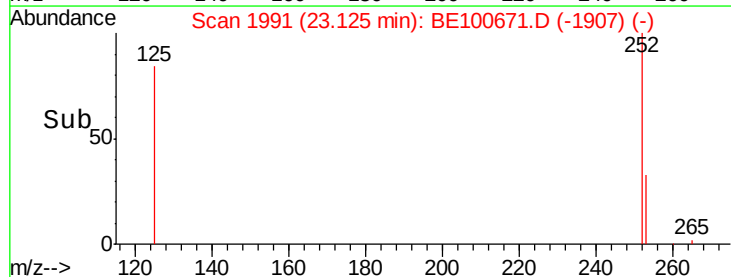
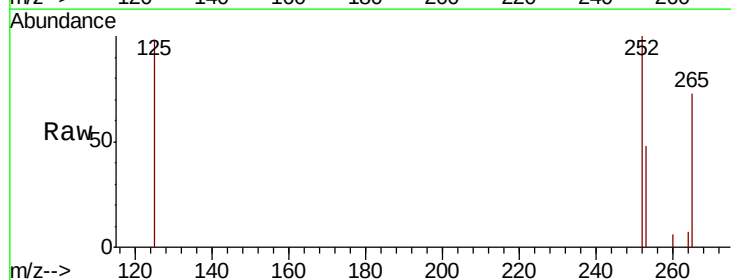
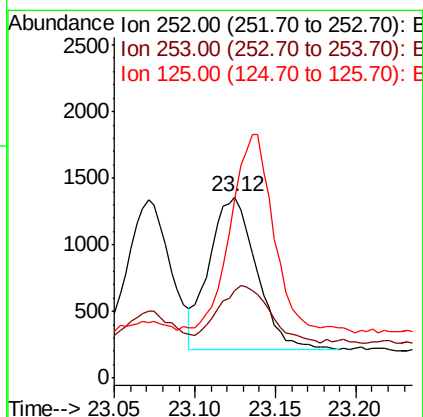
RT: 23.12 min Scan# 1991

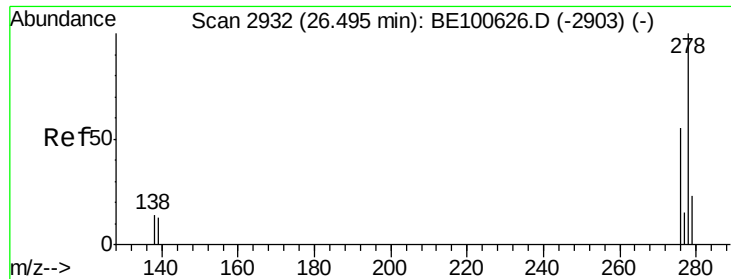
Delta R.T. -0.00 min

Lab File: BE100671.D

Acq: 23 Oct 2019 20:58

Tgt Ion:	252	Resp:	2328
Ion Ratio	Lower	Upper	
252	100		
253	48.2	18.4	27.6#
125	98.2	11.6	17.4#





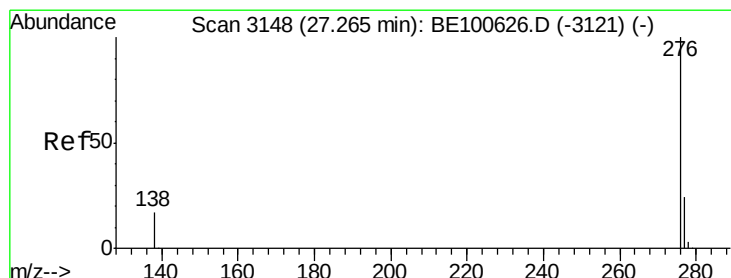
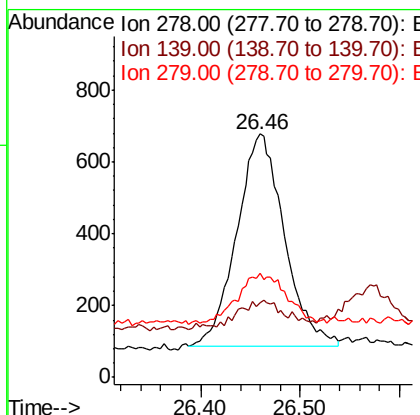
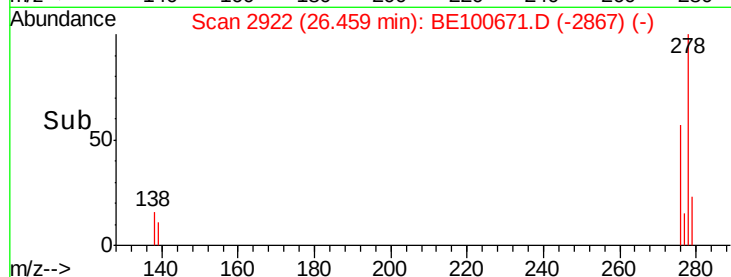
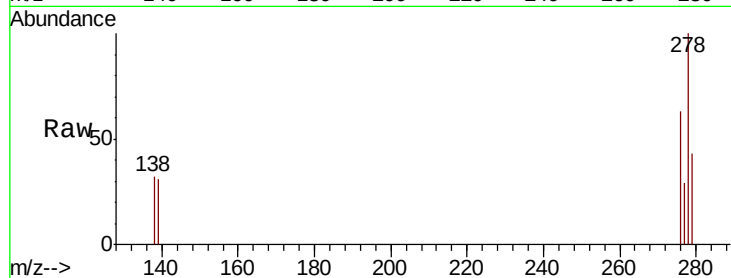
#38
Dibenzo(a,h)anthracene
Concen: 0.021 ng
RT: 26.46 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Instrument :
BNA_E
ClientSampleId :
KY038PS037-191021

Tot Ion	Ratio	Lower	Upper
278	100		
139	30.5	10.9	16.3#
279	42.8	19.4	29.2#

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#39
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 27.23 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BE100671.D
Acq: 23 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	36.1	19.4	29.0#
138	32.3	13.6	20.4#

