

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100663.D
 Acq On : 23 Oct 2019 16:02
 Operator : JU
 Sample : PB124100BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB124100BS

Manual Integrations
 APPROVED

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 10/24/2019 2:12:00 PM

Quant Time: Oct 23 17:04:55 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	4257	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	17225	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	9657	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	20827	0.40	ng	0.00
27) Chrysene-d12	21.35	240	21807	0.40	ng	0.00
34) Perylene-d12	23.83	264	31051	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.44	112	4321	0.33	ng	0.00
5) Phenol-d6	7.01	99	6372	0.34	ng	0.00
8) Nitrobenzene-d5	8.99	82	4105	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8773m	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1006	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	10961	0.31	ng	0.00
25) Fluoranthene-d10	19.22	212	80375	0.30	ng	0.00
29) Terphenyl-d14	19.82	244	17908	0.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	1805	0.238	ng	# 59
3) n-Nitrosodimethylamine	3.69	42	2238	0.279	ng	92
6) bis(2-Chloroethyl)ether	7.27	93	4545	0.299	ng	99
9) Naphthalene	10.68	128	53238	0.294	ng	100
10) Hexachlorobutadiene	10.98	225	2255	0.287	ng	97
12) 2-Methylnaphthalene	12.29	142	8832	0.286	ng	99
16) Acenaphthylene	14.20	152	12725	0.306	ng	99
17) Acenaphthene	14.54	154	7592	0.283	ng	98
18) Fluorene	15.50	166	10024	0.281	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	3175	0.300	ng	96
21) Hexachlorobenzene	16.52	284	2883	0.286	ng	99
22) Pentachlorophenol	16.85	266	1985	0.610	ng	99
23) Phenanthrene	17.24	178	16803	0.293	ng	99
24) Anthracene	17.32	178	15134	0.285	ng	99
26) Fluoranthene	19.25	202	20439	0.273	ng	100
28) Pyrene	19.61	202	20812	0.342	ng	99
30) Benzo(a)anthracene	21.34	228	20068	0.282	ng	99
31) Chrysene	21.40	228	20463	0.288	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	43730	0.294	ng	99
33) Indeno(1,2,3-cd)pyrene	26.44	276	35809	0.410	ng	100
35) Benzo(b)fluoranthene	23.07	252	24740	0.273	ng	98
36) Benzo(k)fluoranthene	23.13	252	26601	0.286	ng	# 96
37) Benzo(a)pyrene	23.72	252	26511	0.315	ng	99
38) Dibenzo(a,h)anthracene	26.46	278	29568	0.339	ng	98
39) Benzo(g,h,i)perylene	27.23	276	30554	0.349	ng	98

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

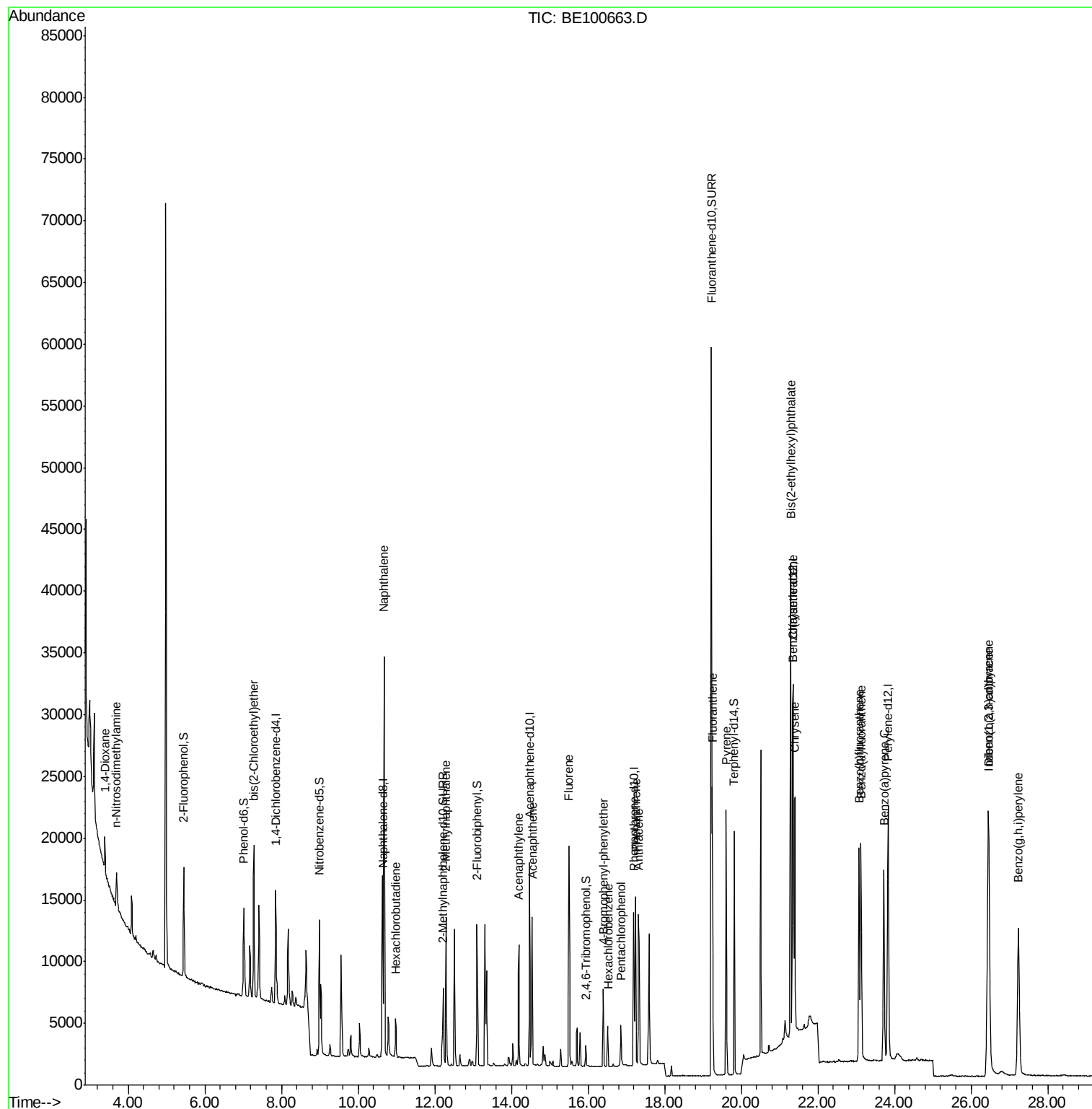
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100663.D
Acq On : 23 Oct 2019 16:02
Operator : JU
Sample : PB124100BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

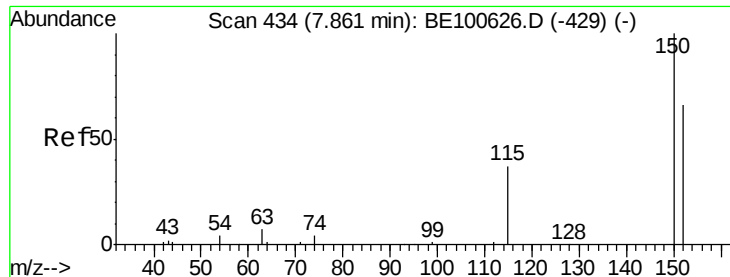
Instrument :
BNA_E
ClientSampleId :
PB124100BS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

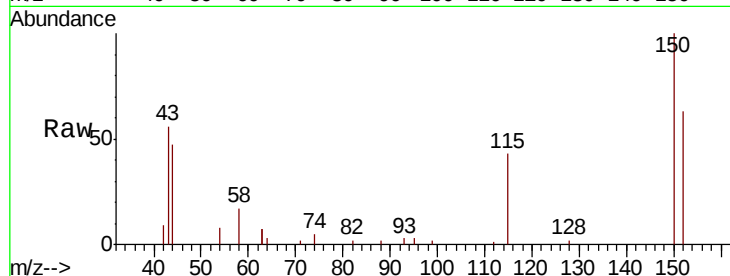
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.3	184.9
115	67.7	51.9	77.9

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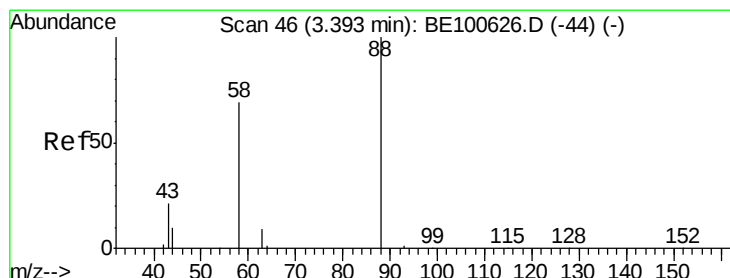
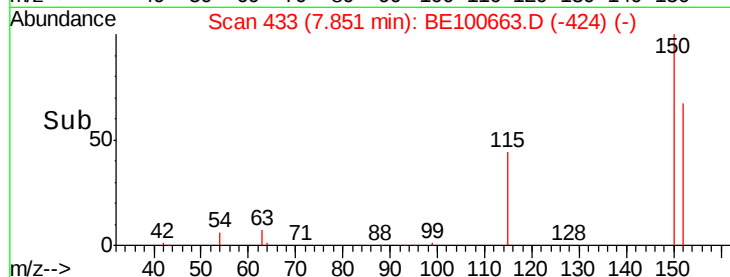
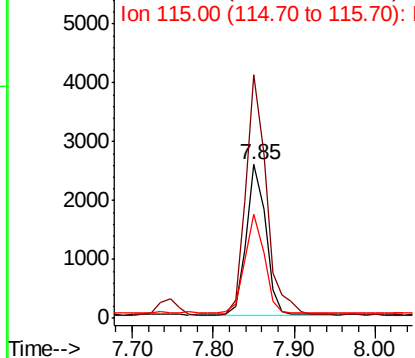


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

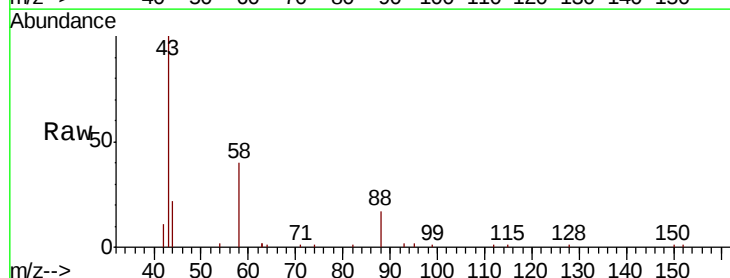
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.238 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.5	59.8	89.6#
43	0.0	24.6	36.8#

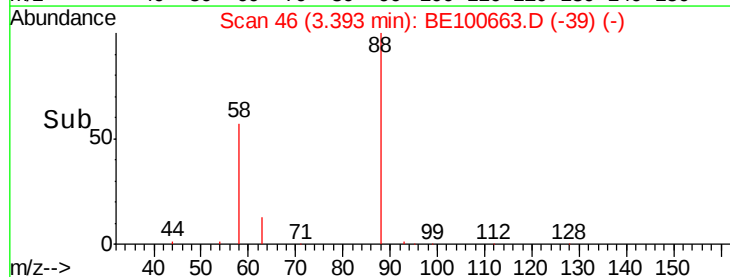
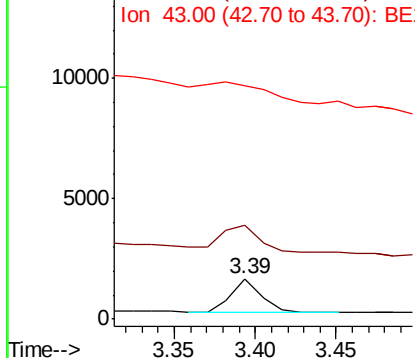


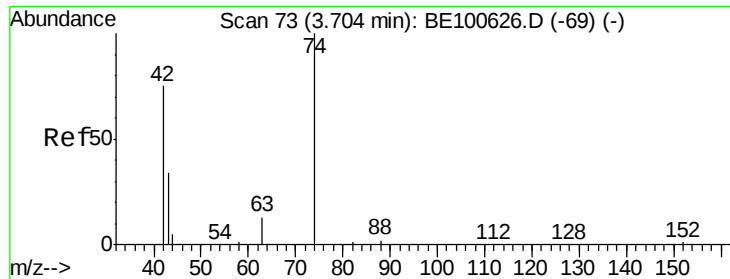
Abundance

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: 0.279 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

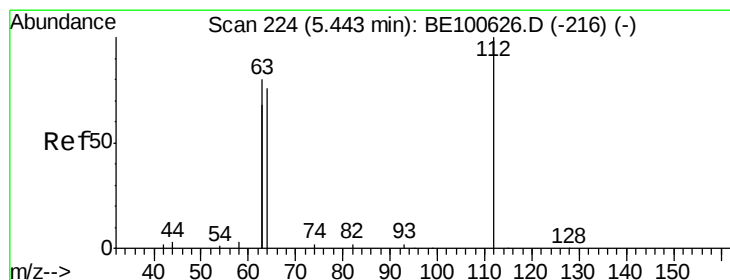
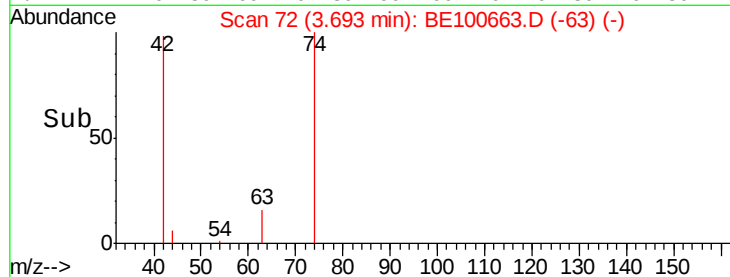
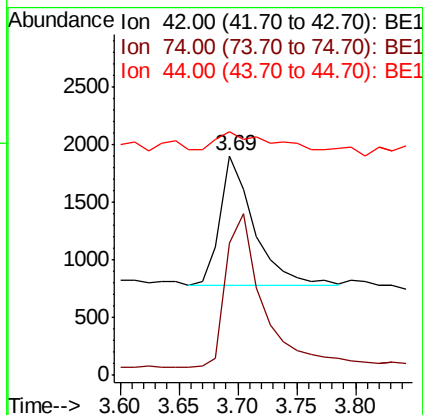
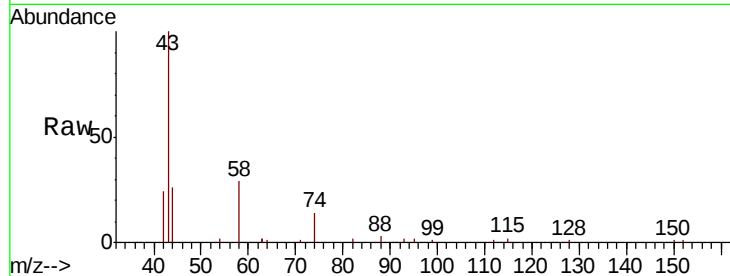
ClientSampleId :

PB124100BS

Tot Ion:	42	Resp:	2238
Ion	Ratio	Lower	Upper
42	100		
74	131.1	97.2	145.8
44	20.2	16.6	24.8

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#4

2-Fluorophenol

Concen: 0.329 ng

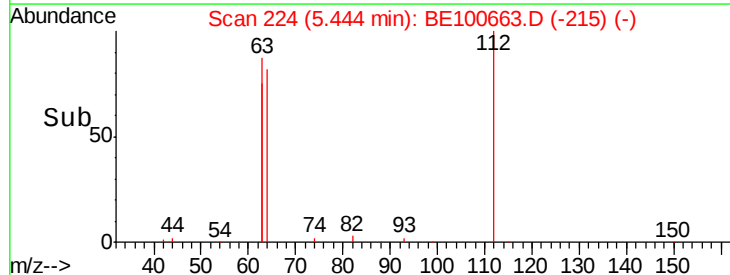
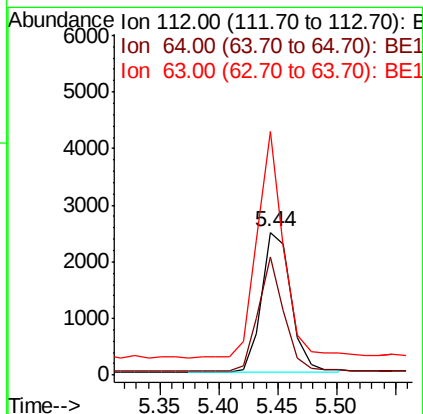
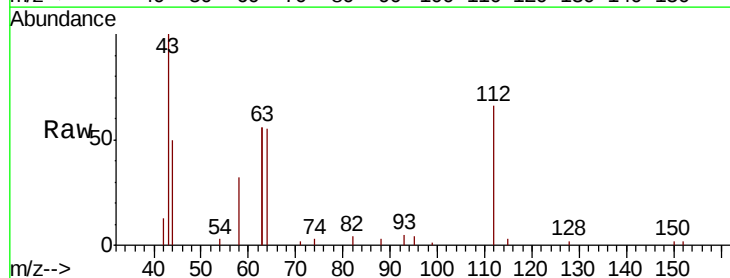
RT: 5.44 min Scan# 224

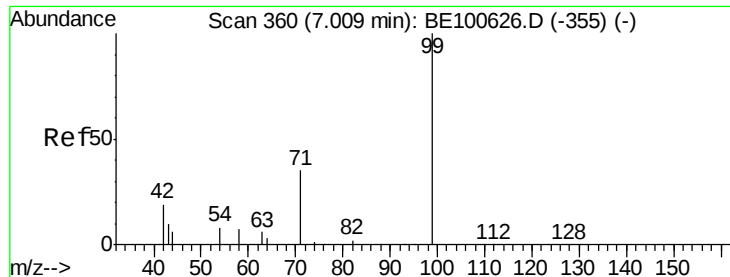
Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Tgt Ion:	112	Resp:	4321
Ion	Ratio	Lower	Upper
112	100		
64	71.7	55.4	83.2
63	142.9	114.2	171.4





#5

Phenol-d6

Concen: 0.344 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

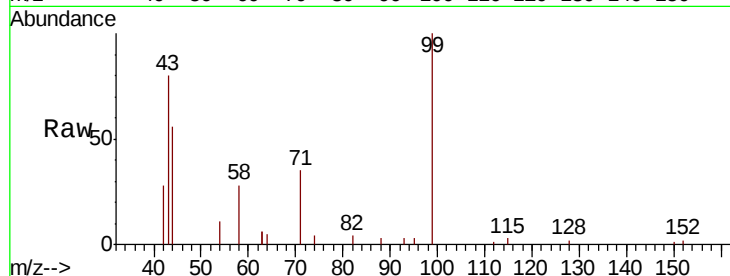
ClientSampleId :

PB124100BS

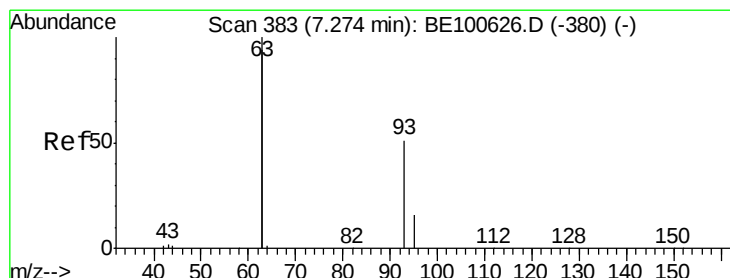
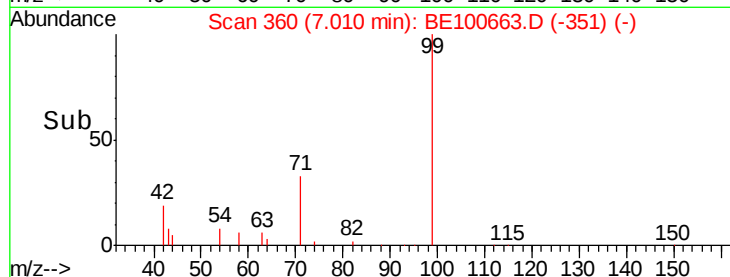
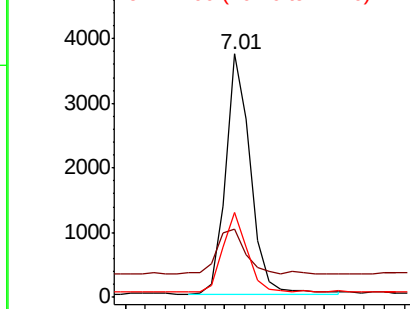
Tot Ion:	99	Resp:	6372
Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.7	26.5
71	33.1	27.4	41.0

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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



#6

bis(2-Chloroethyl)ether

Concen: 0.299 ng

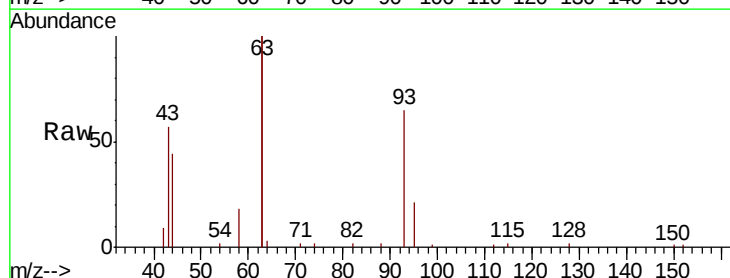
RT: 7.27 min Scan# 383

Delta R.T. 0.00 min

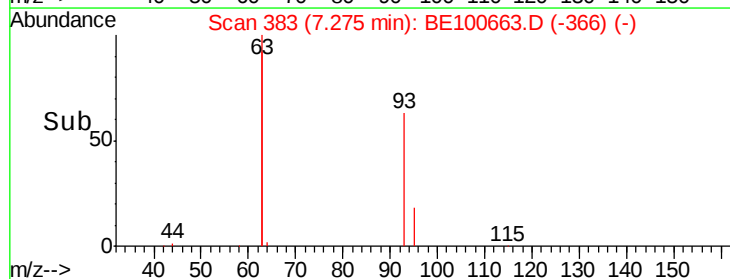
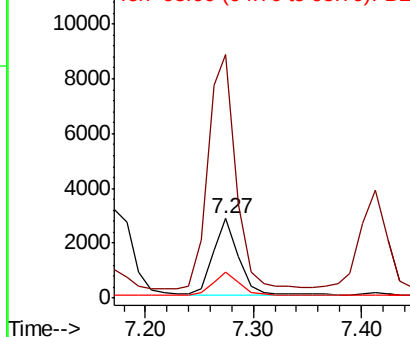
Lab File: BE100663.D

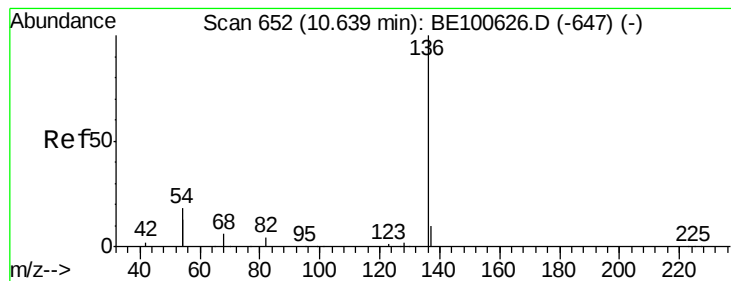
Acq: 23 Oct 2019 16:02

Tgt Ion:	93	Resp:	4545
Ion	Ratio	Lower	Upper
93	100		
63	334.3	268.8	403.2
95	31.0	25.6	38.4



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. 0.01 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

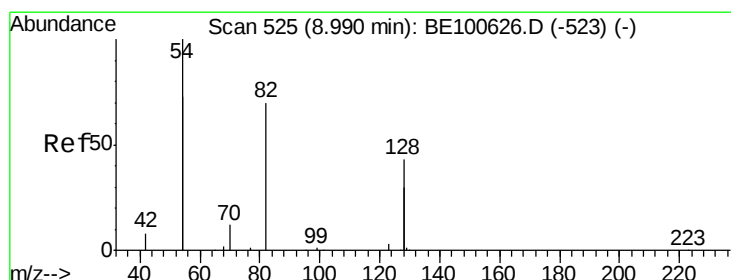
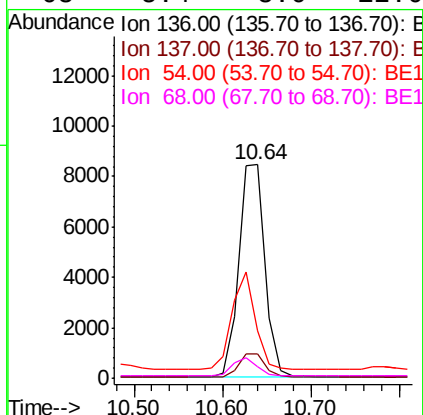
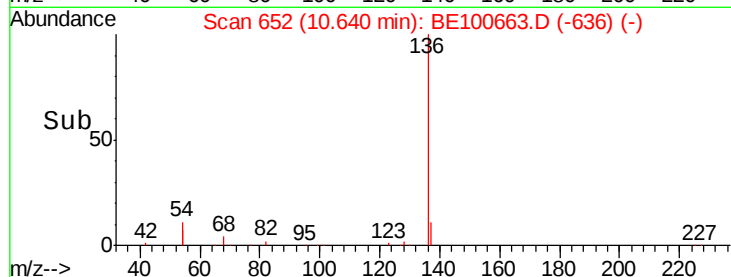
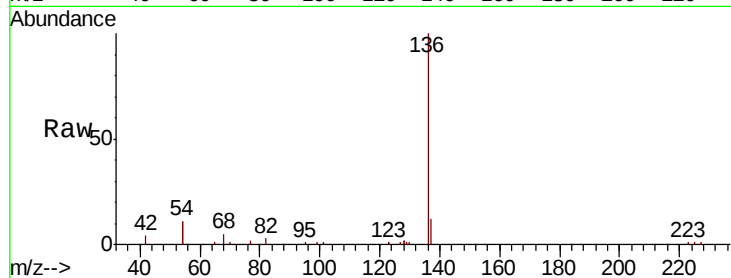
ClientSampleId :

PB124100BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	22.4	39.4	59.2#
68	5.4	8.0	12.0#

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#8

Nitrobenzene-d5

Concen: 0.384 ng

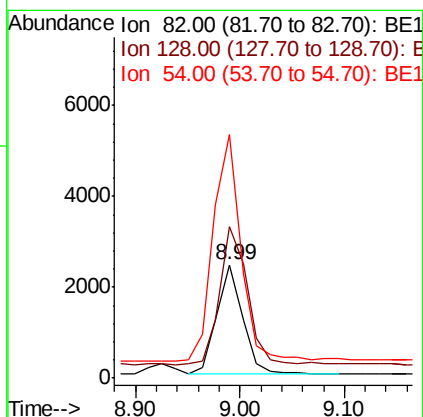
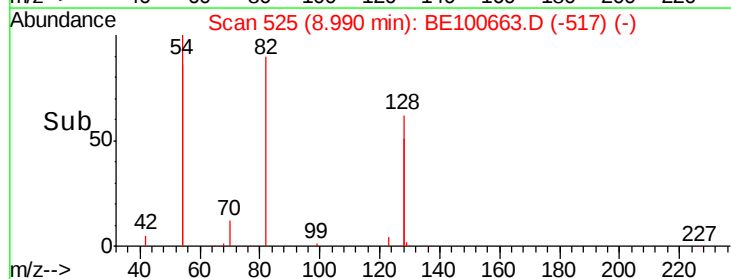
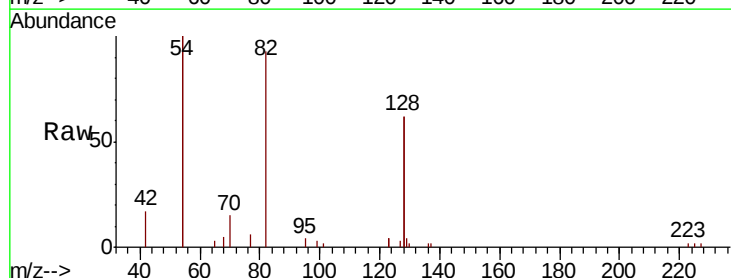
RT: 8.99 min Scan# 525

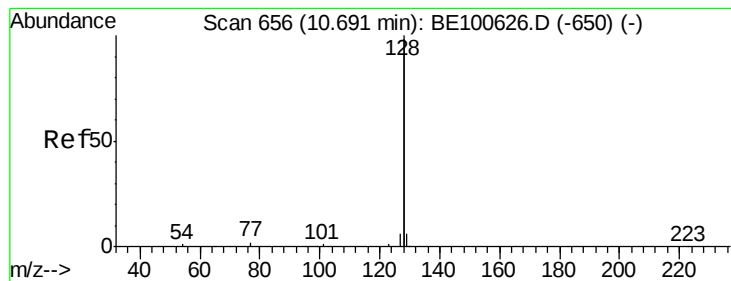
Delta R.T. -0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
82	100		
128	133.9	107.8	161.8
54	215.2	166.1	249.1





#9

Naphthalene

Concen: 0.294 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

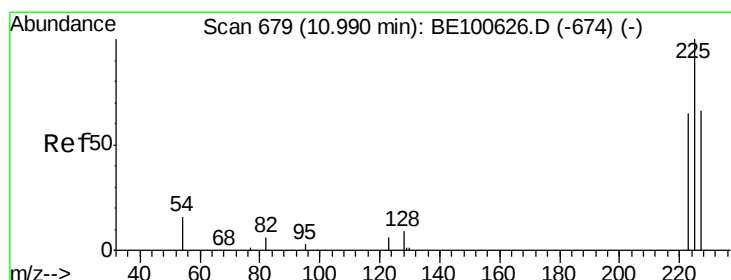
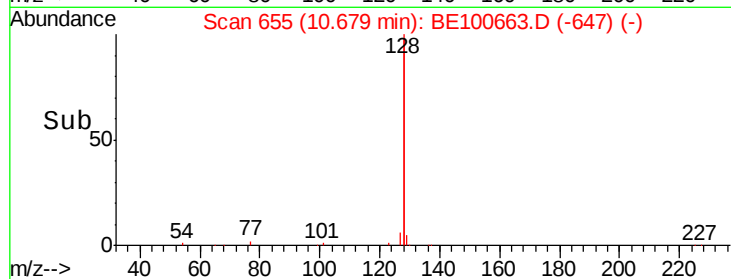
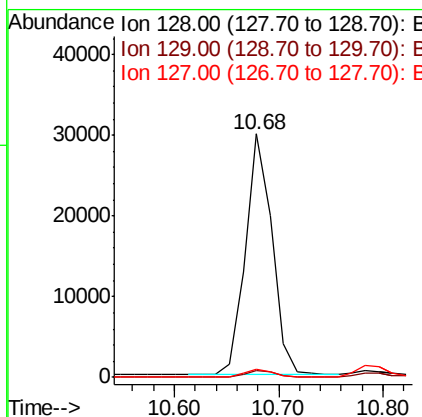
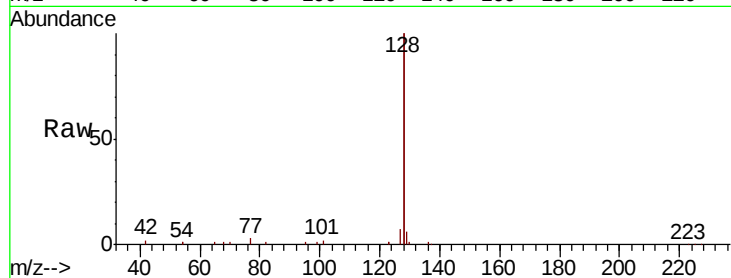
ClientSampleId :

PB124100BS

Tot Ion:	128	Resp:	53238
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: 0.287 ng

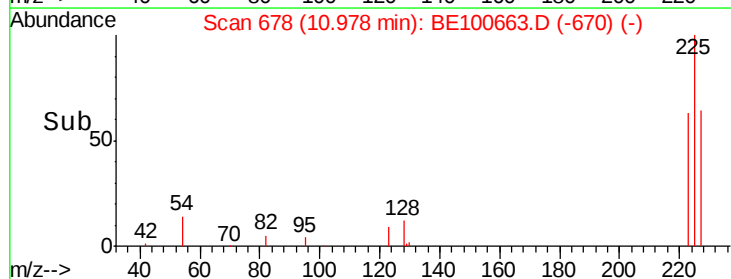
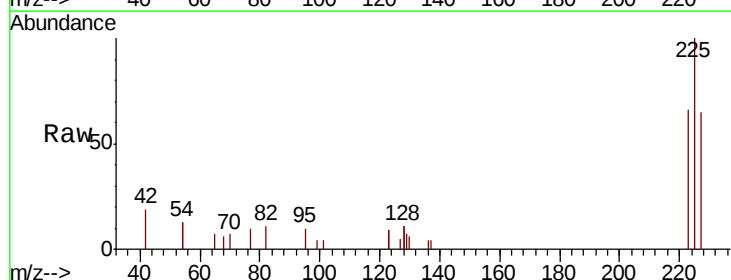
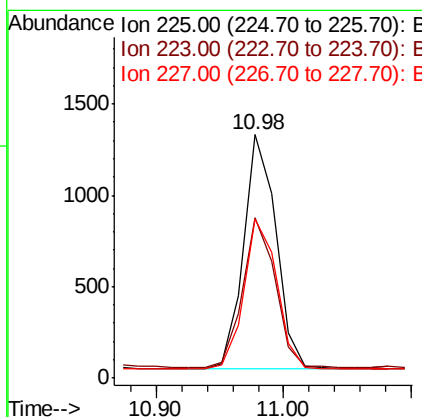
RT: 10.98 min Scan# 678

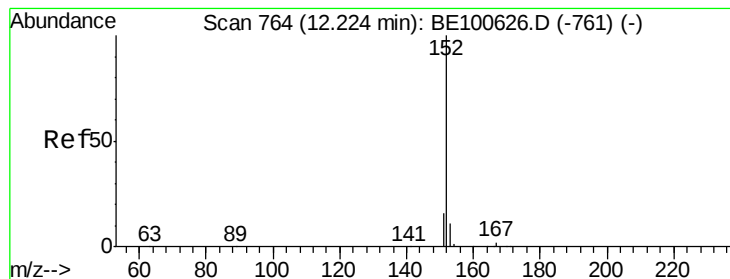
Delta R.T. -0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Tgt Ion:	225	Resp:	2255
Ion Ratio	Lower	Upper	
225	100		
223	64.4	48.6	72.8
227	64.8	51.6	77.4





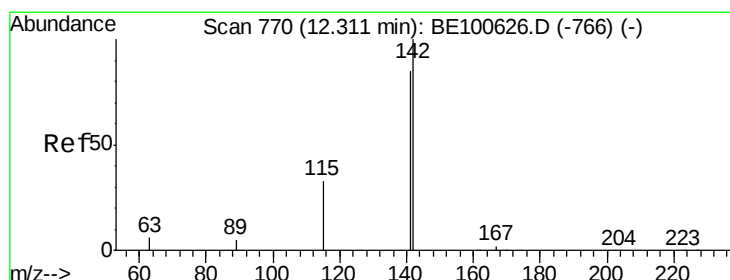
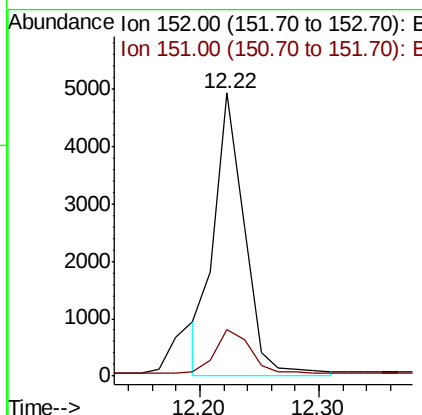
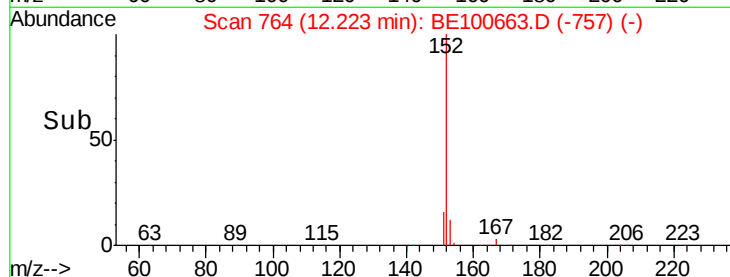
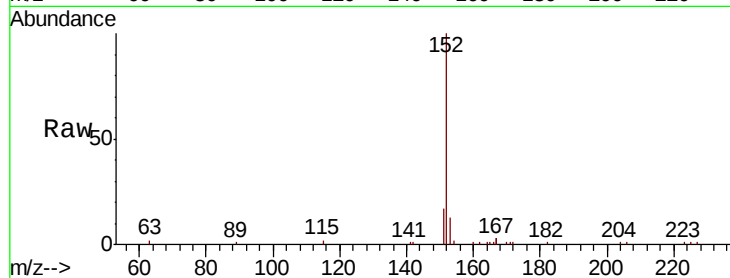
#11
 2-Methylnaphthalene-d10
 Concen: 0.323 ng m
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100663.D
 Acq: 23 Oct 2019 16:02

Instrument :
 BNA_E
 ClientSampleId :
 PB124100BS

Tot Ion:152 Resp: 8773
 Ion Ratio Lower Upper
 152 100
 151 17.3 14.7 22.1

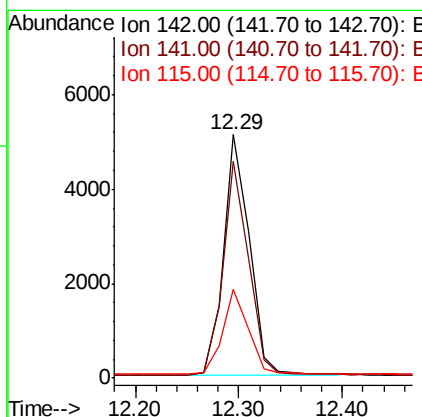
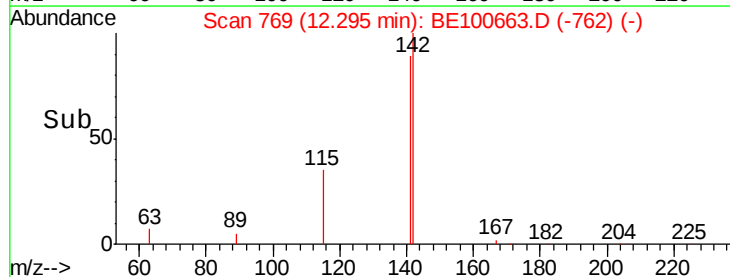
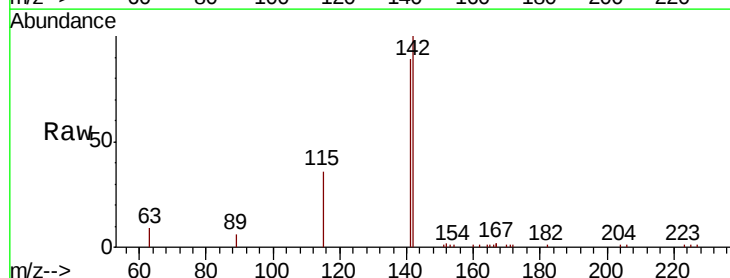
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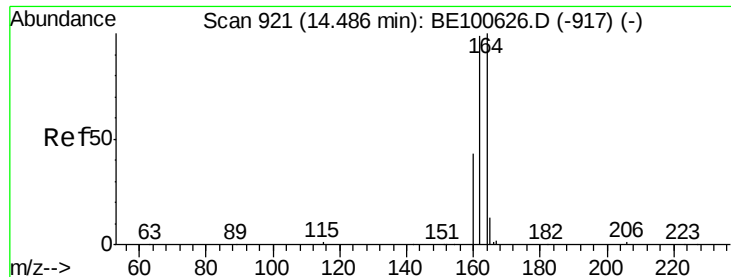
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#12
 2-Methylnaphthalene
 Concen: 0.286 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE100663.D
 Acq: 23 Oct 2019 16:02

Tgt Ion:142 Resp: 8832
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.1 105.1
 115 36.5 28.3 42.5





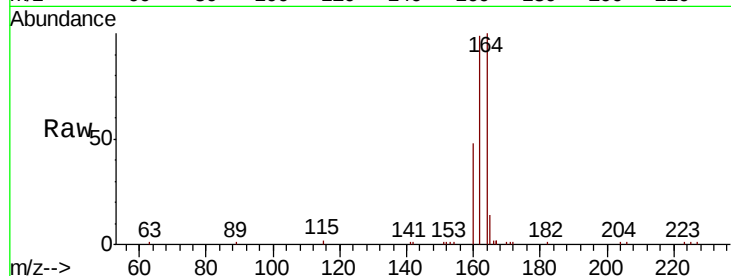
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.0	123.0
160	47.7	37.5	56.3

Manual Integrations
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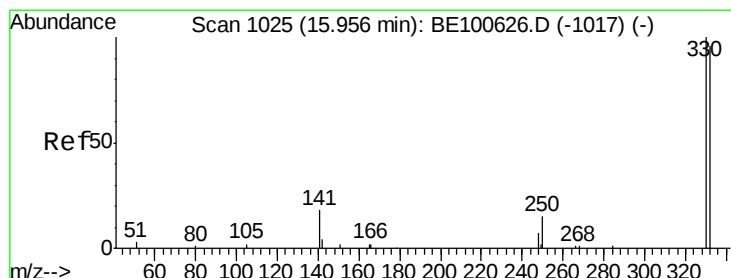
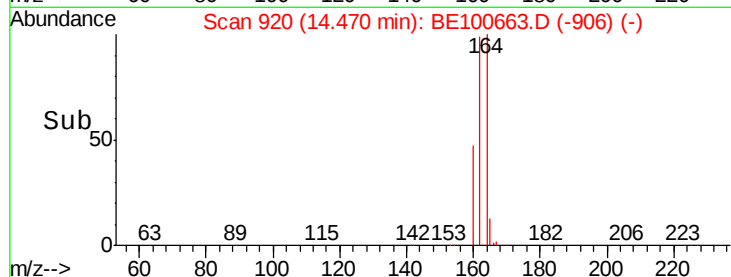
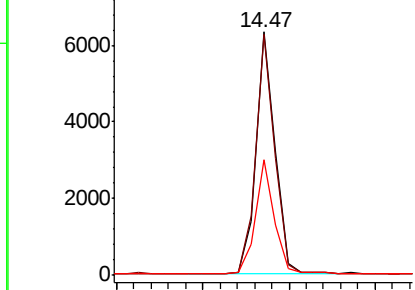


Abundance

Ion 164.00 (163.70 to 164.70): E

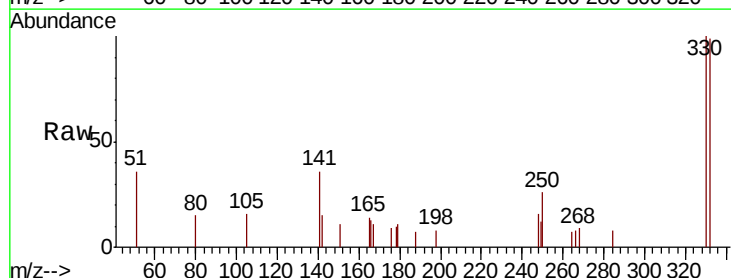
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.9	116.9
141	44.2	33.0	49.6

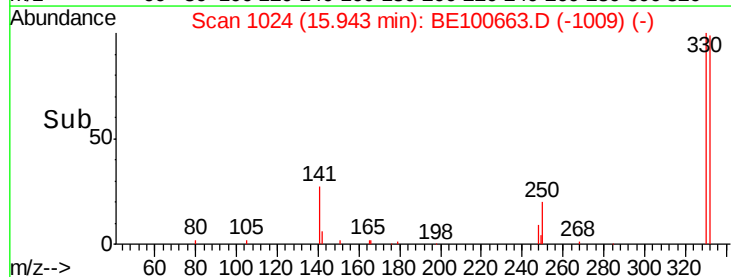
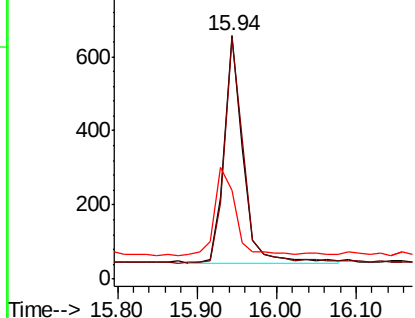


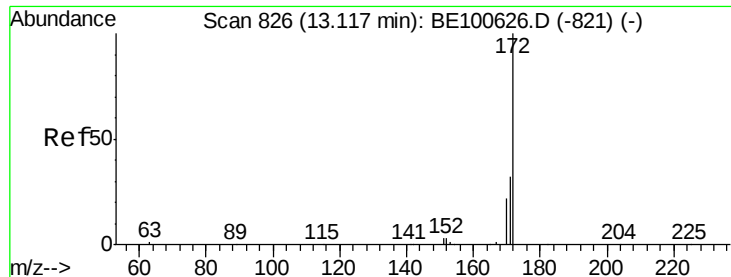
Abundance

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





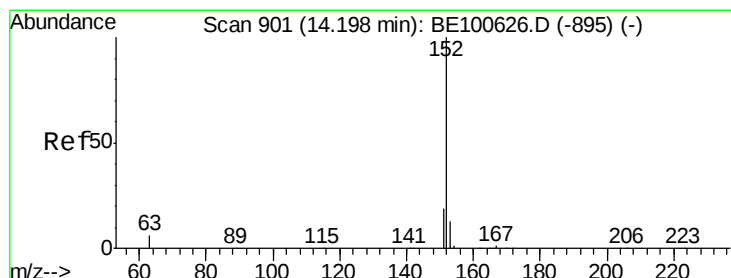
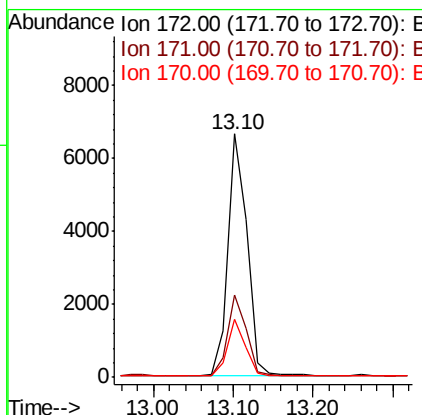
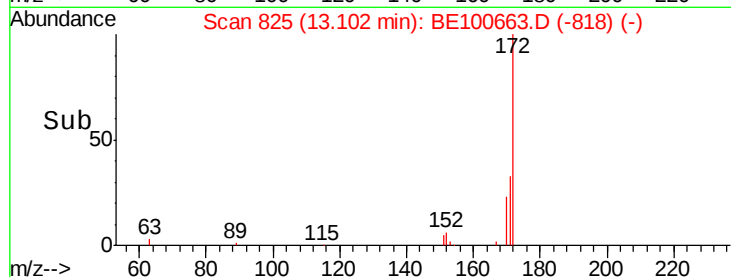
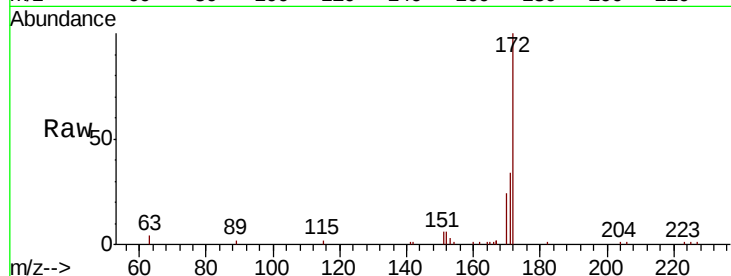
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.5	39.7
170	23.8	19.0	28.4

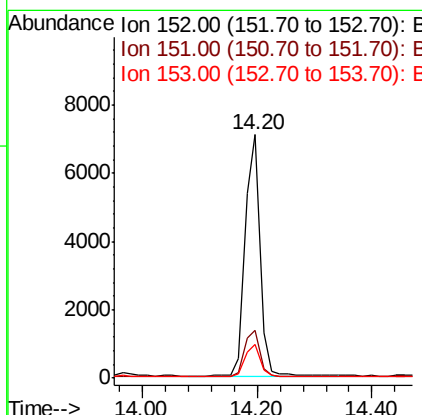
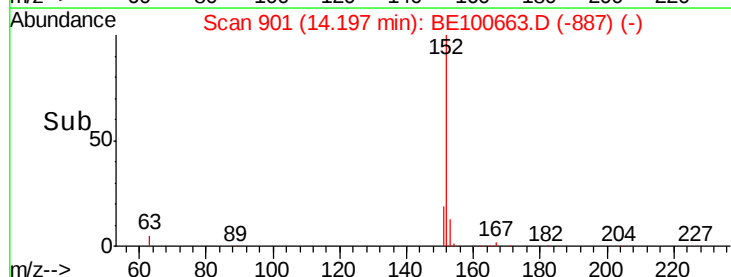
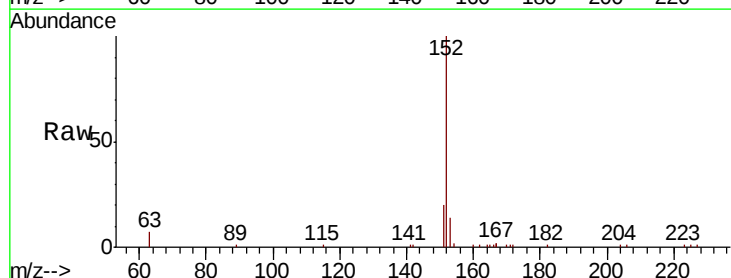
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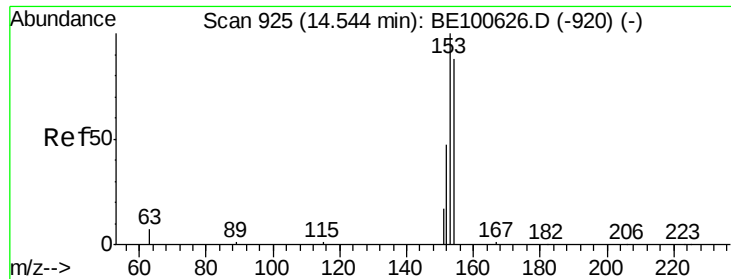
mohammad
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#16
Acenaphthylene
Concen: 0.306 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8
153	13.2	10.3	15.5





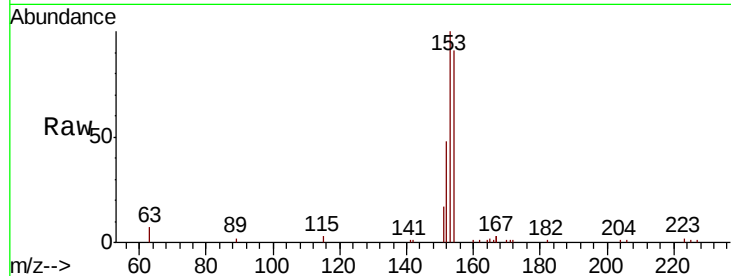
#17
Acenaphthene
Concen: 0.283 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.4	134.2
152	56.8	44.1	66.1

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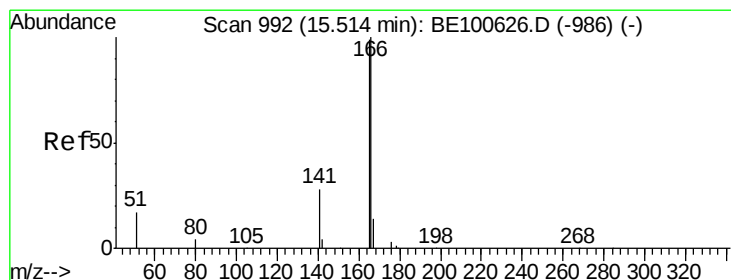
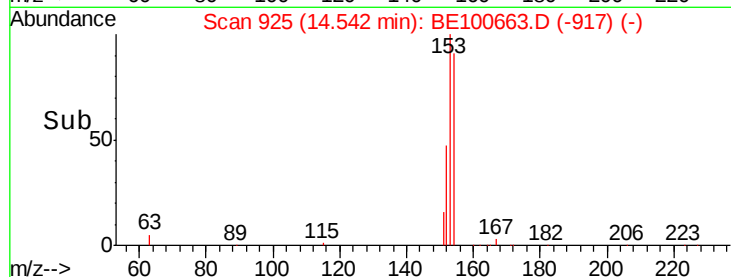
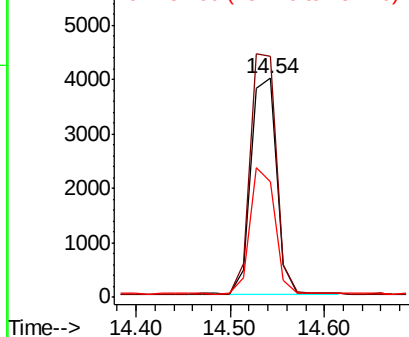


Abundance

Ion 154.00 (153.70 to 154.70): E

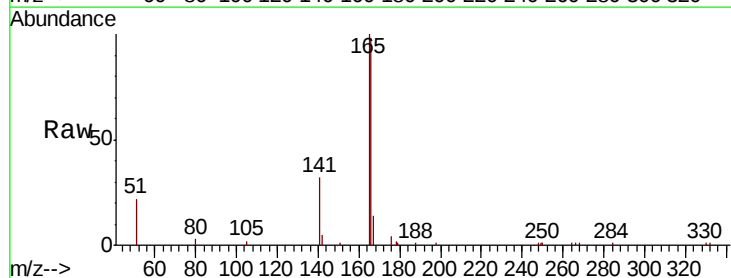
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.281 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.2	10.9	16.3

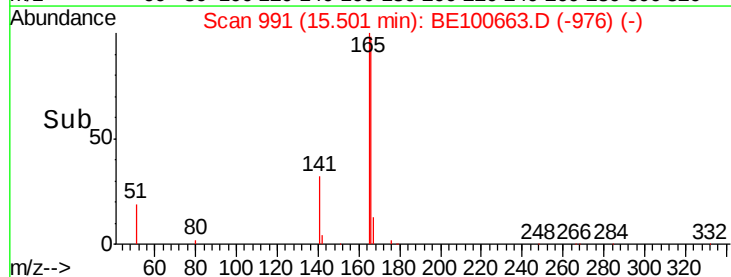
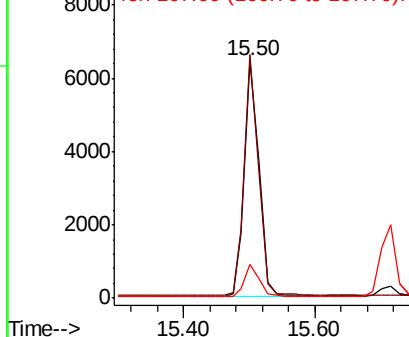


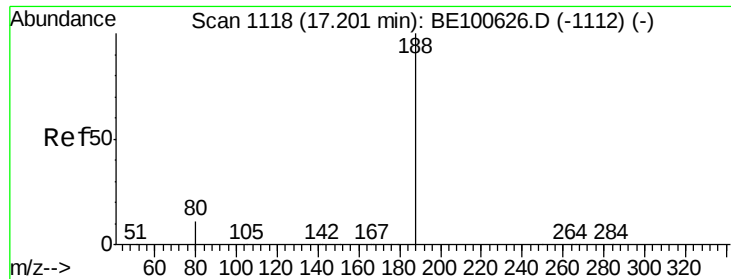
Abundance

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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

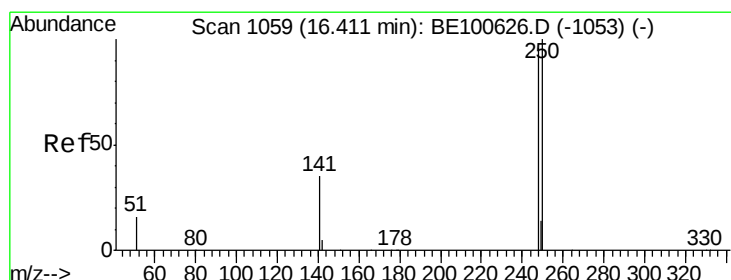
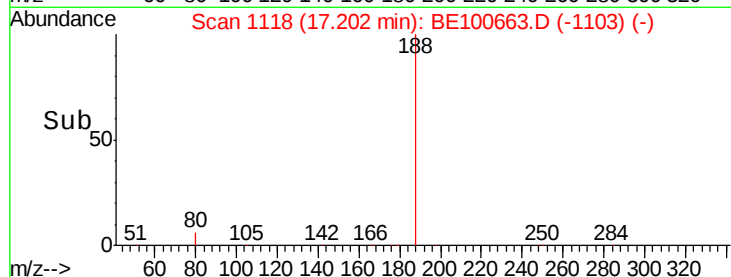
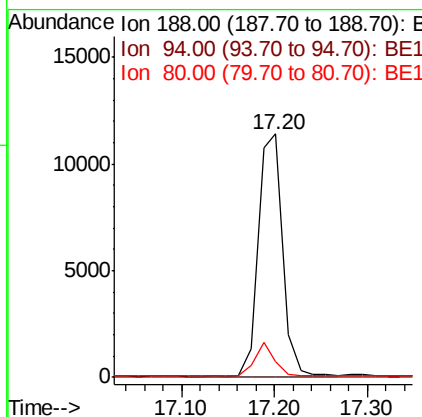
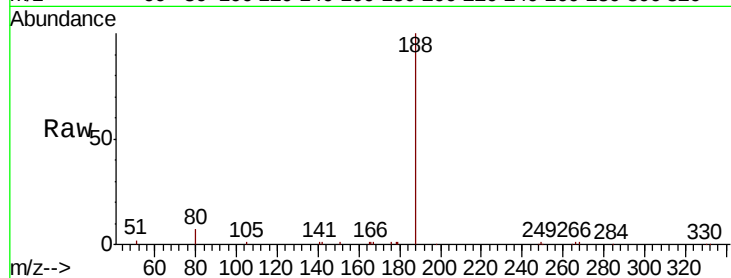
ClientSampleId :

PB124100BS

Tot Ion:	188	Resp:	20827
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.7	5.4	8.0

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#20

4-Bromophenyl-phenylether

Concen: 0.300 ng

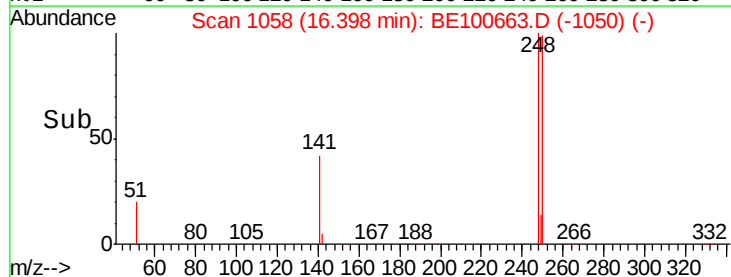
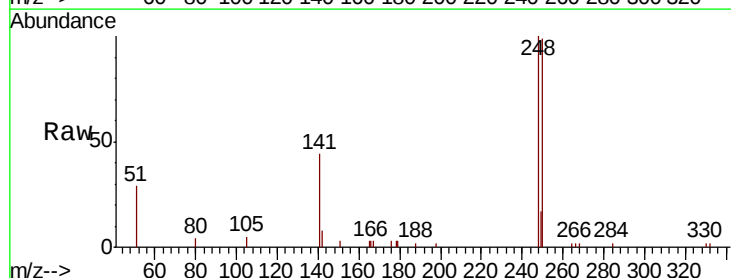
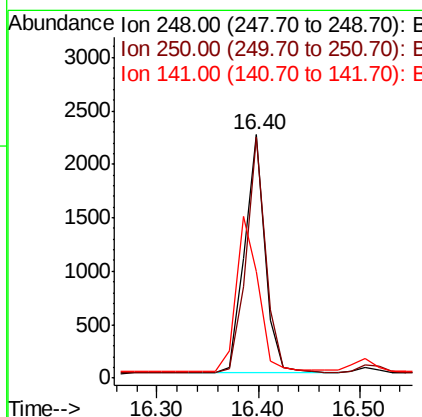
RT: 16.40 min Scan# 1058

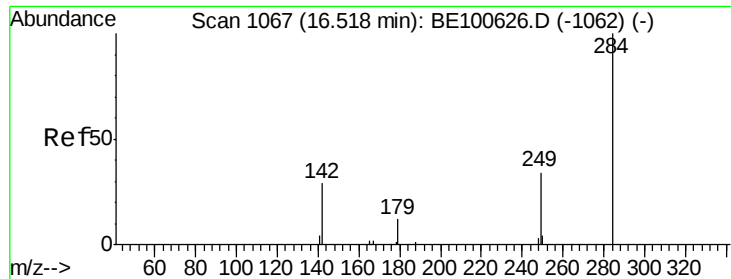
Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Tgt Ion:	248	Resp:	3175
Ion Ratio	Lower	Upper	
248	100		
250	99.1	76.3	114.5
141	44.0	37.3	55.9





#21

Hexachlorobenzene

Concen: 0.286 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

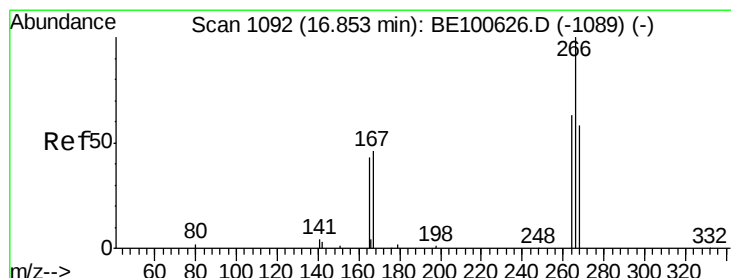
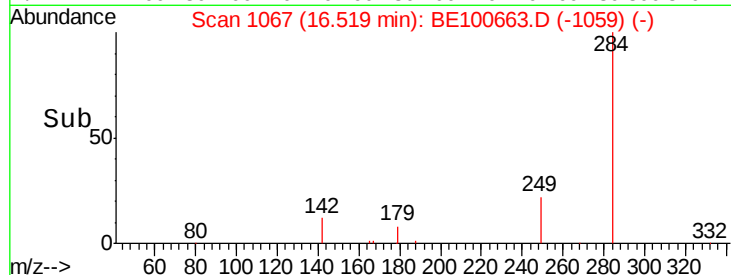
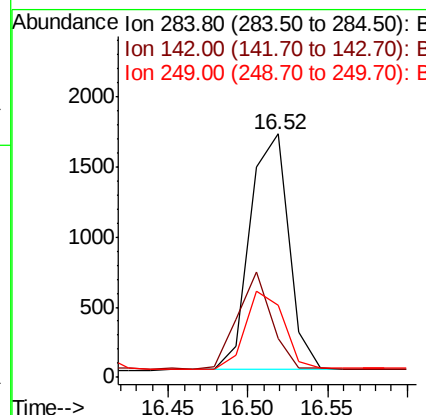
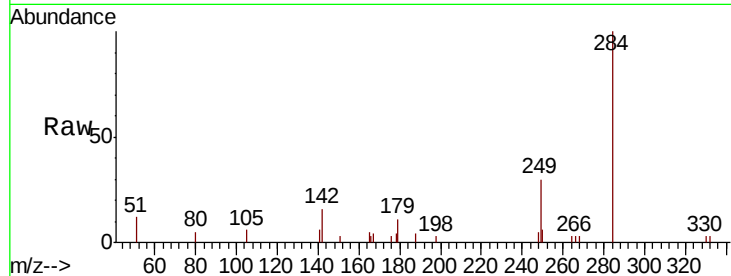
ClientSampleId :

PB124100BS

Tot Ion:	284	Resp:	2883
Ion Ratio	Lower	Upper	
284	100		
142	36.8	28.6	42.8
249	32.5	26.3	39.5

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#22

Pentachlorophenol

Concen: 0.610 ng

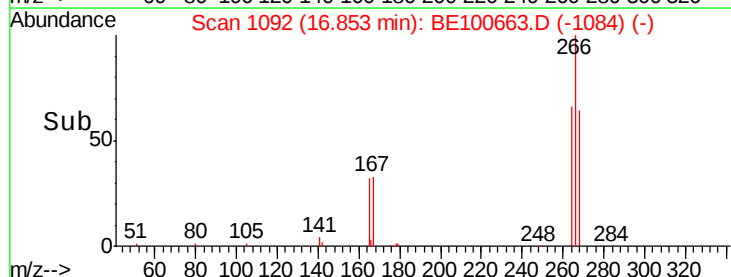
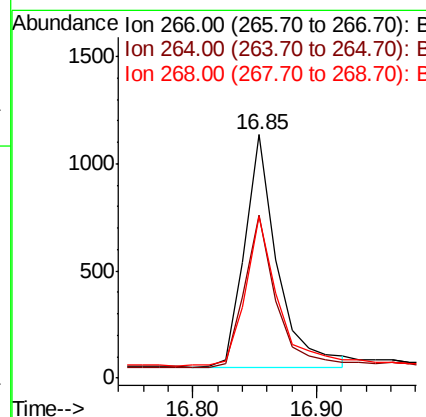
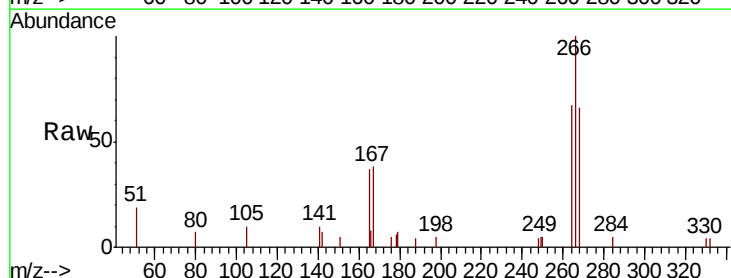
RT: 16.85 min Scan# 1092

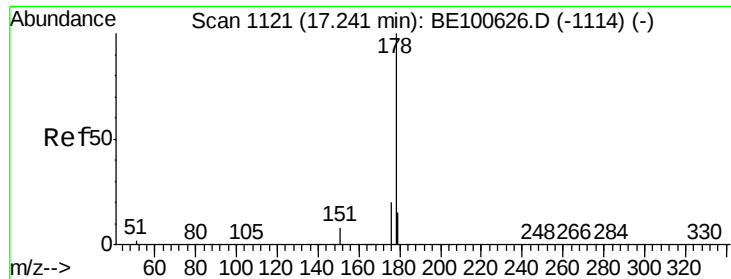
Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Tgt Ion:	266	Resp:	1985
Ion Ratio	Lower	Upper	
266	100		
264	66.9	52.2	78.4
268	66.4	53.1	79.7





#23

Phenanthrene

Concen: 0.293 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

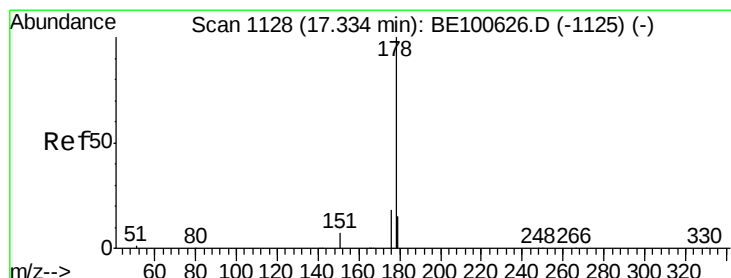
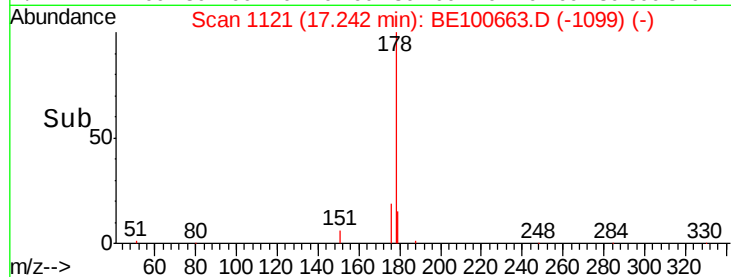
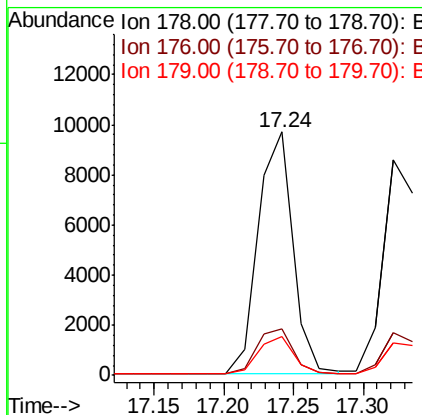
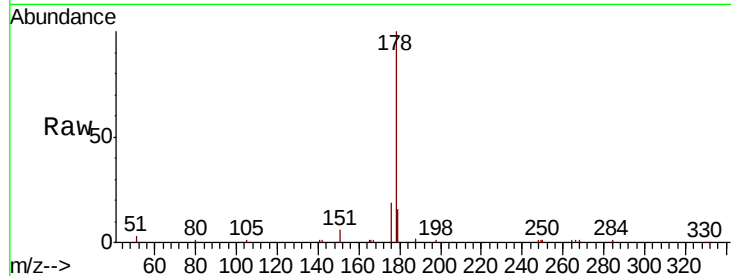
ClientSampleId :

PB124100BS

Tot Ion:178	Resp:	16803
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.2 22.8
179	15.5	12.1 18.1

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#24

Anthracene

Concen: 0.285 ng

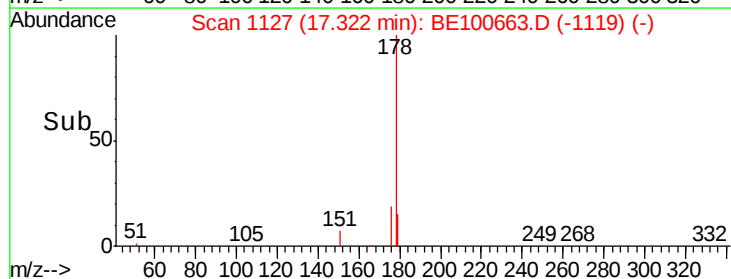
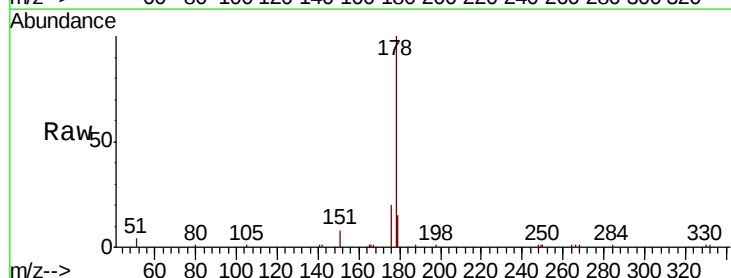
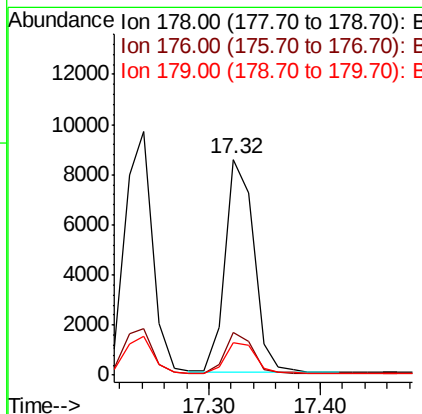
RT: 17.32 min Scan# 1127

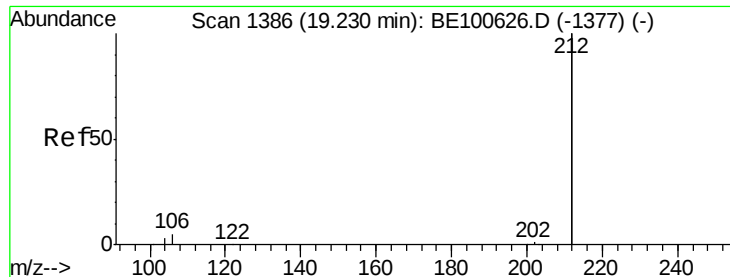
Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Tgt Ion:178	Resp:	15134
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.0 22.4
179	15.0	12.5 18.7





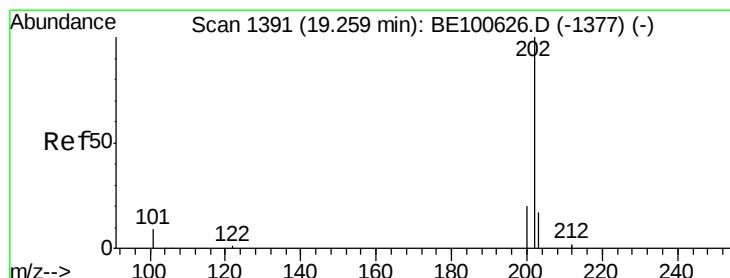
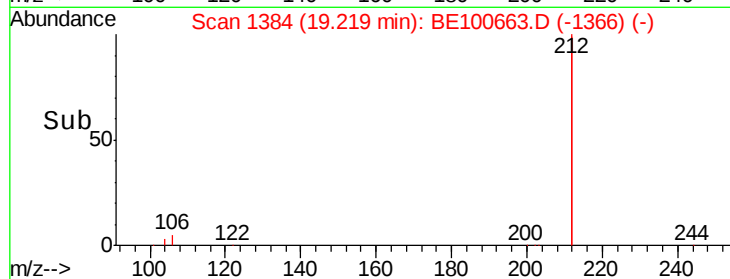
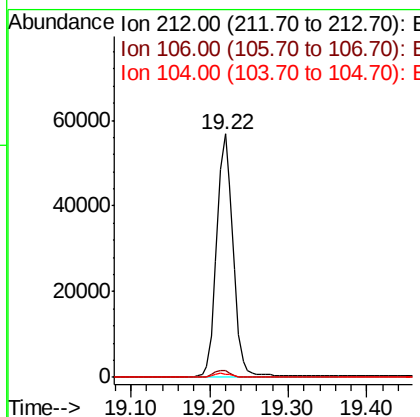
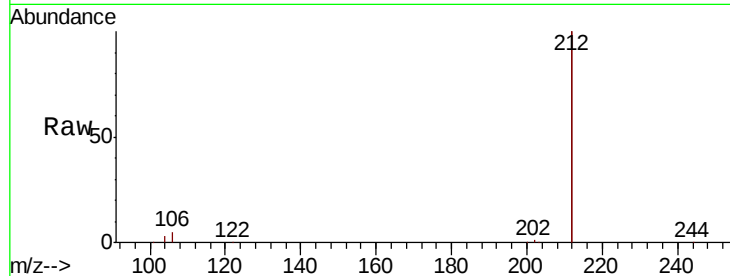
#25
 Fluoranthene-d10
 Concen: 0.299 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BE100663.D
 Acq: 23 Oct 2019 16:02

Instrument :
 BNA_E
 ClientSampleId :
 PB124100BS

Tot Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.5	1.3	1.9

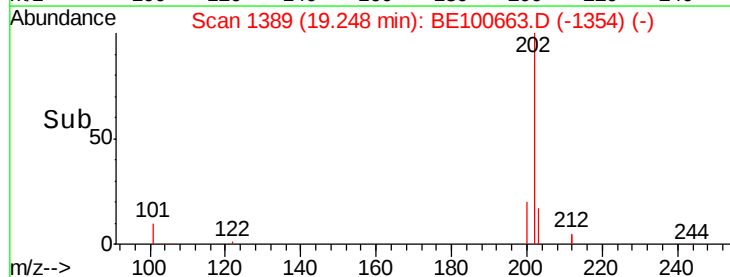
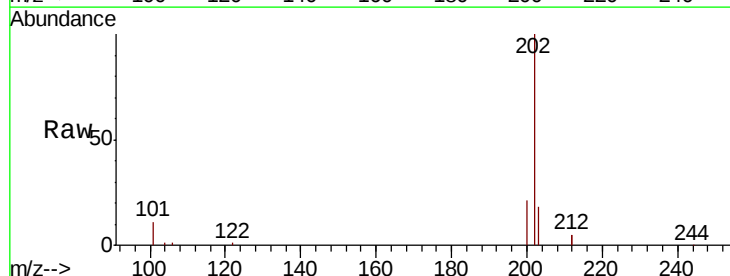
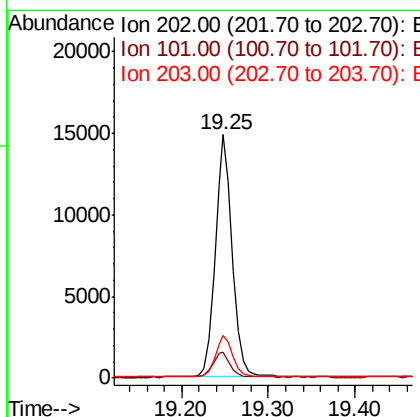
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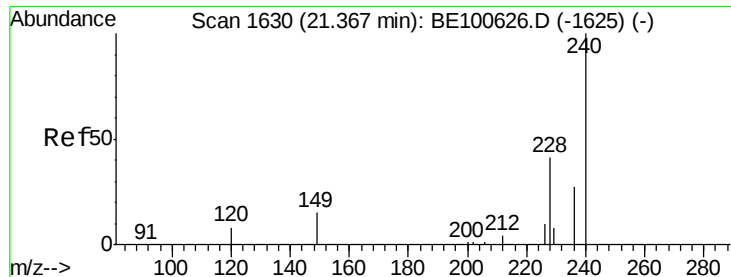
mohammad
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#26
 Fluoranthene
 Concen: 0.273 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE100663.D
 Acq: 23 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.1	13.8	20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.35 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

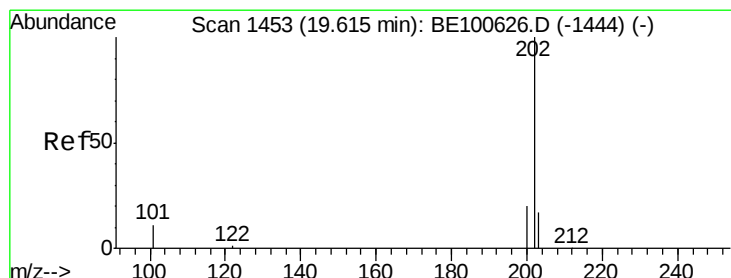
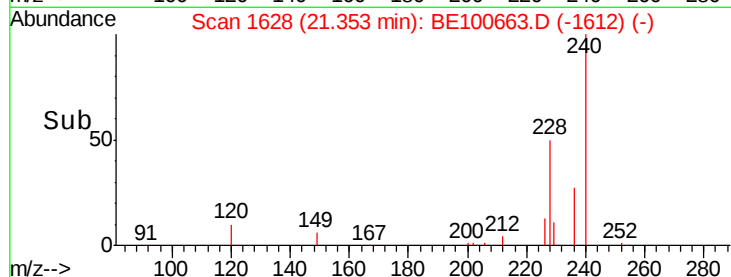
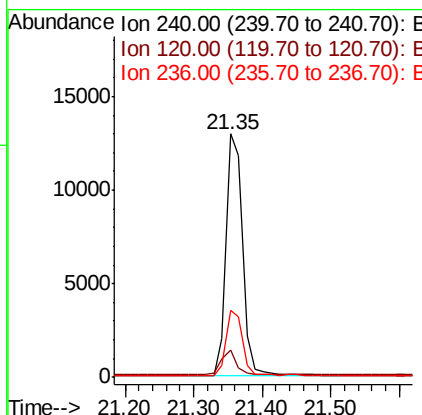
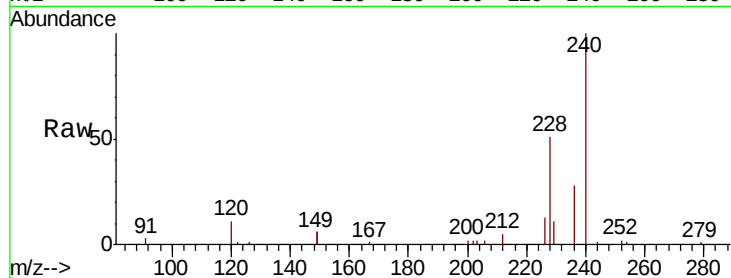
ClientSampleId :

PB124100BS

Tot Ion:	240	Resp:	21807
Ion Ratio	Lower	Upper	
240	100		
120	11.1	7.6	11.4
236	27.6	22.1	33.1

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#28

Pyrene

Concen: 0.342 ng

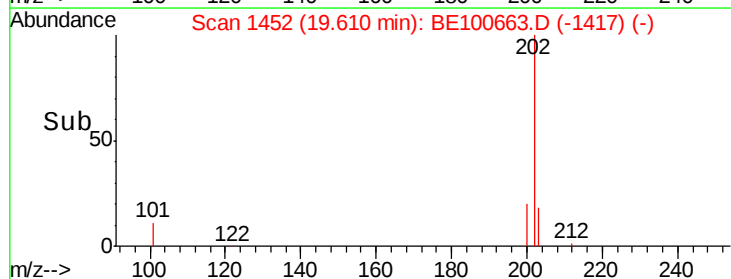
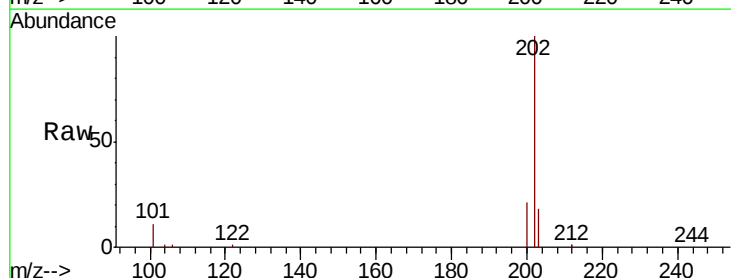
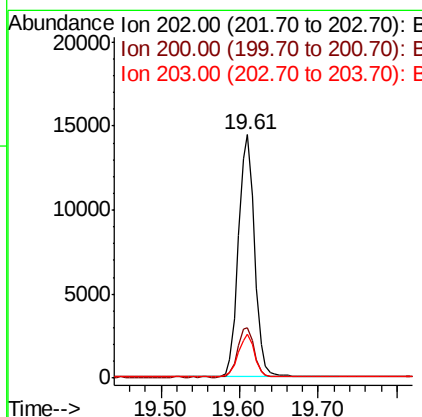
RT: 19.61 min Scan# 1452

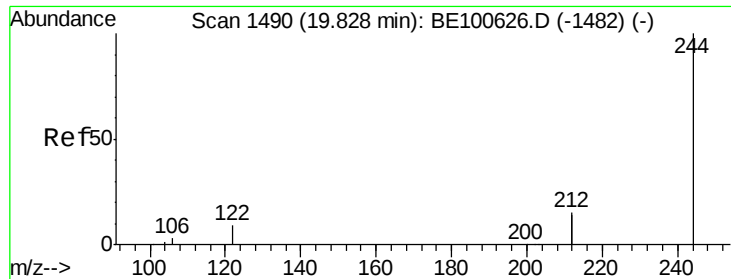
Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Tgt Ion:	202	Resp:	20812
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.7	25.1
203	17.9	14.0	21.0





#29

Terphenyl-d14

Concen: 0.376 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

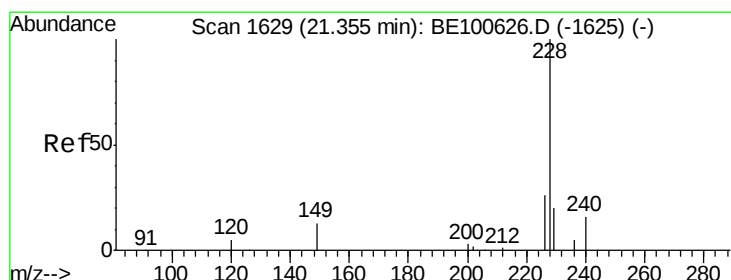
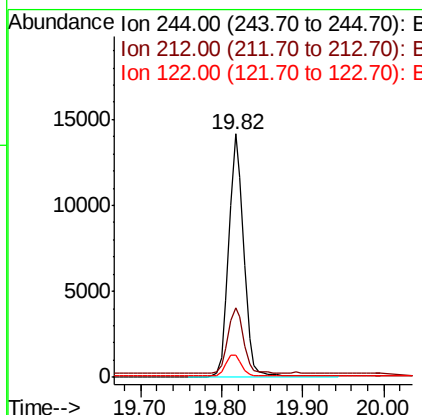
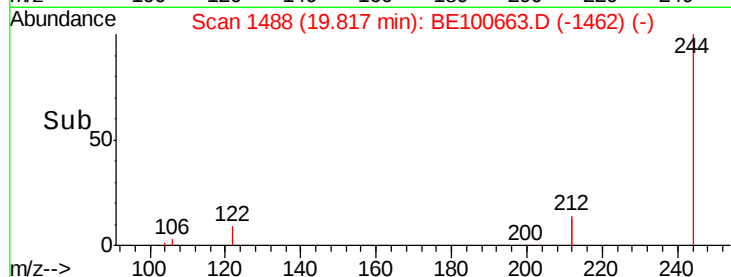
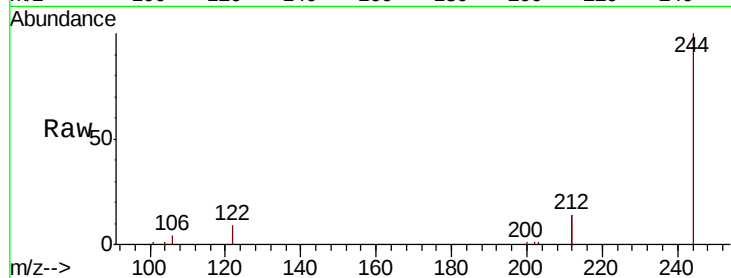
ClientSampleId :

PB124100BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	28.8	23.7	35.5
122	9.0	7.9	11.9

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#30

Benzo(a)anthracene

Concen: 0.282 ng

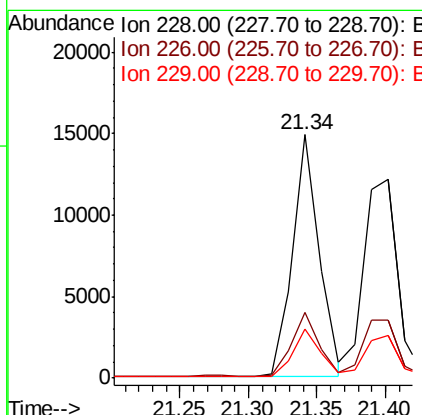
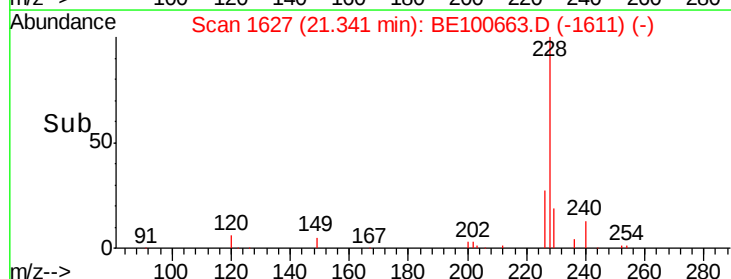
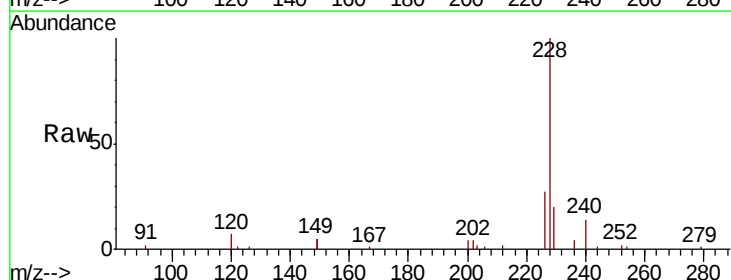
RT: 21.34 min Scan# 1627

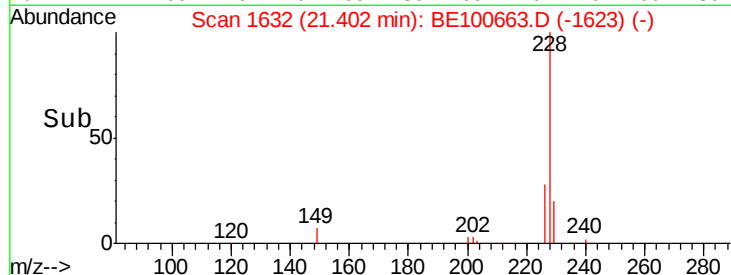
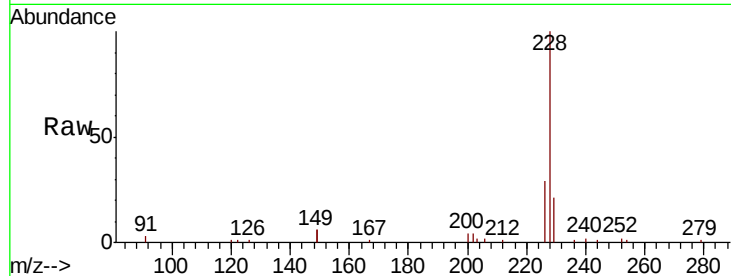
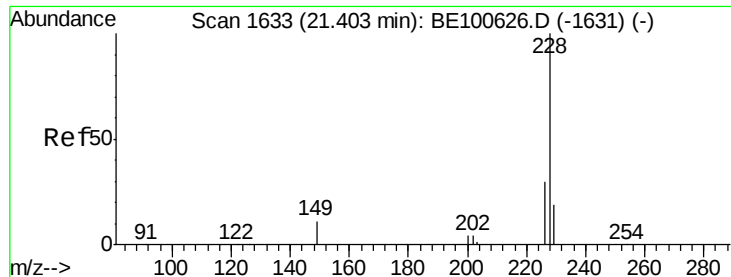
Delta R.T. -0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.0
229	19.9	16.0	24.0





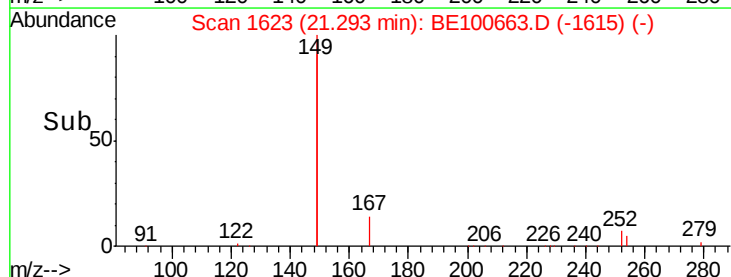
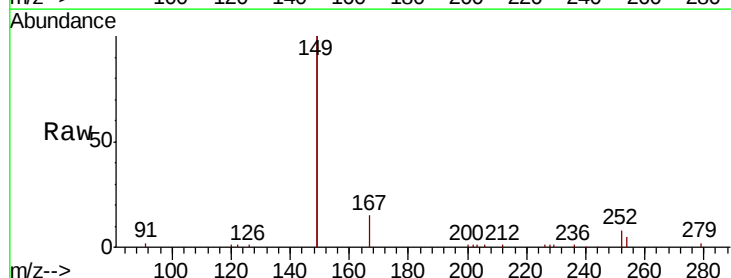
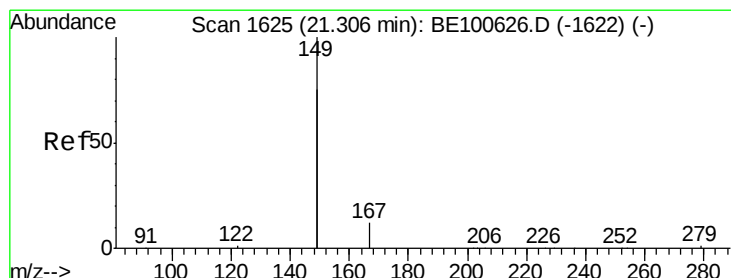
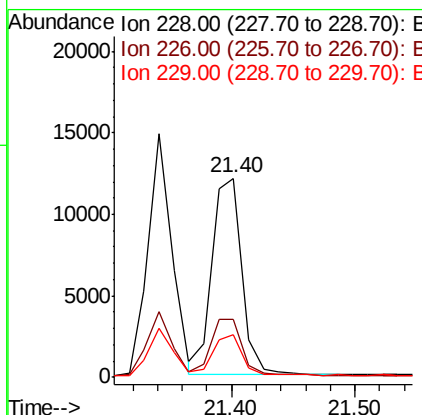
#31
Chrysene
Concen: 0.288 ng
RT: 21.40 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	37.0
229	21.1	15.8	23.8

Instrument :
BNA_E
ClientSampleId :
PB124100BS

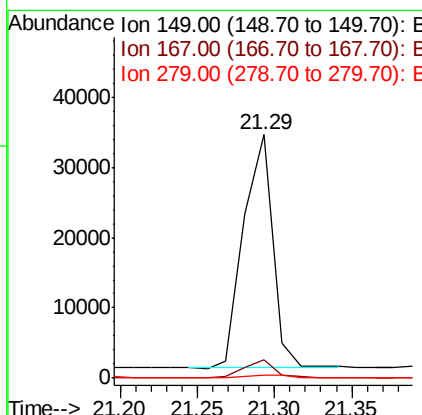
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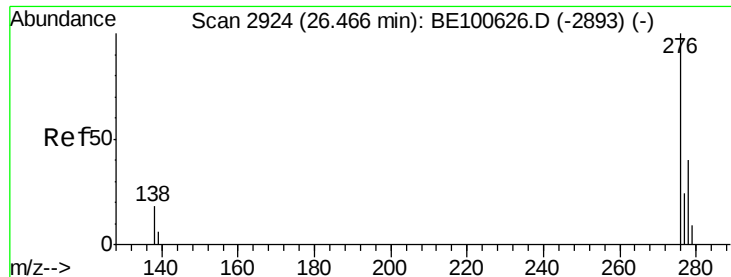
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.294 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.5	8.3
279	1.1	0.9	1.3





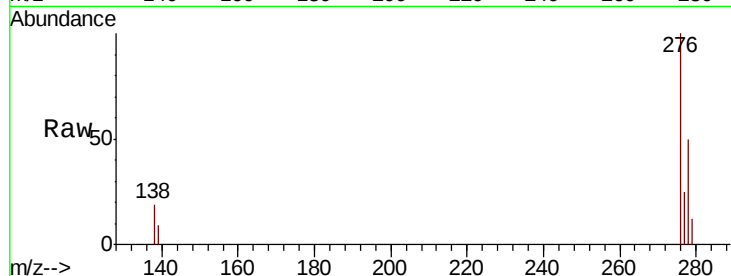
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 26.44 min Scan# 2916
Delta R.T. 0.01 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.3	22.9
277	24.4	19.4	29.2

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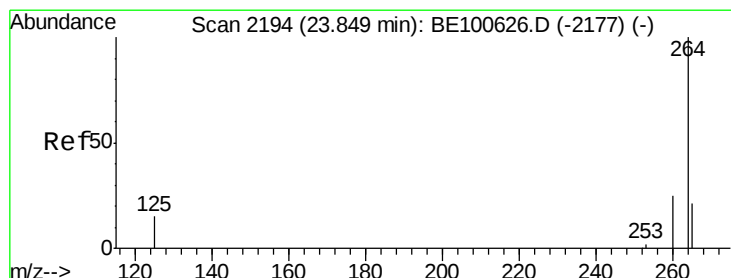
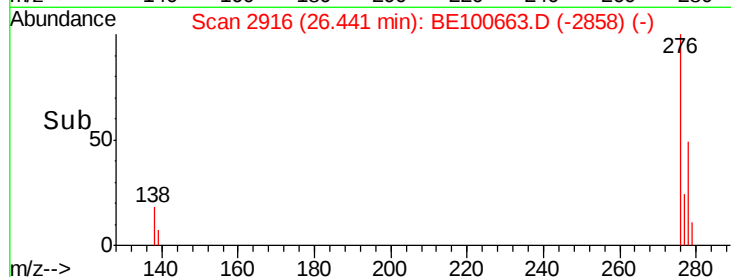
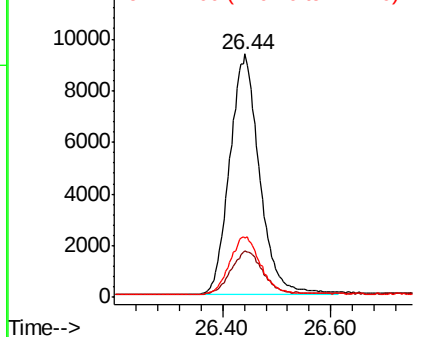


Abundance

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: 23.83 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

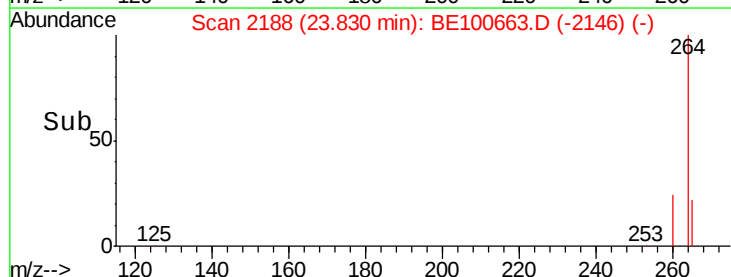
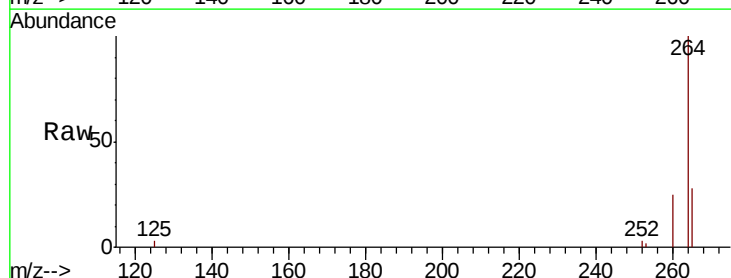
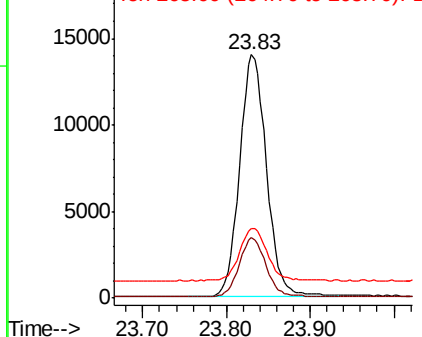
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	28.5	21.7	32.5

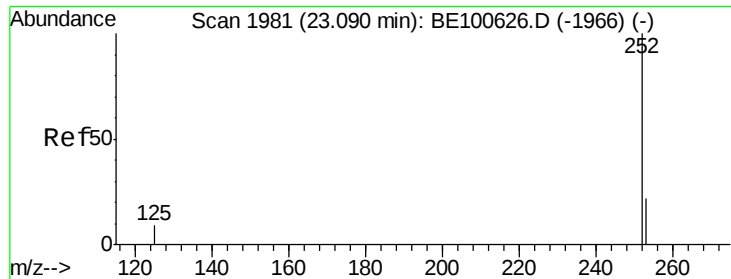
Abundance

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





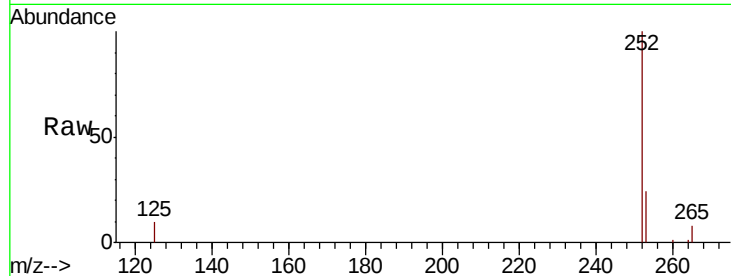
#35
Benzo(b)fluoranthene
Concen: 0.273 ng
RT: 23.07 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

Instrument :
BNA_E
ClientSampleId :
PB124100BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	10.4	7.6	11.4

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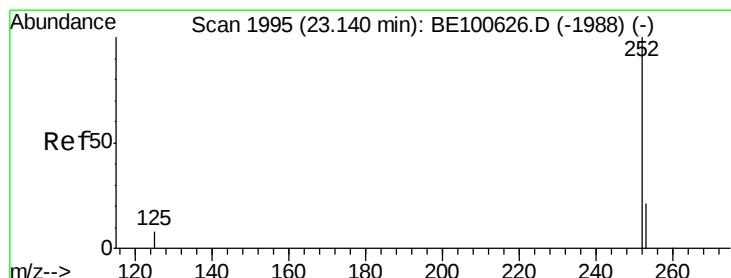
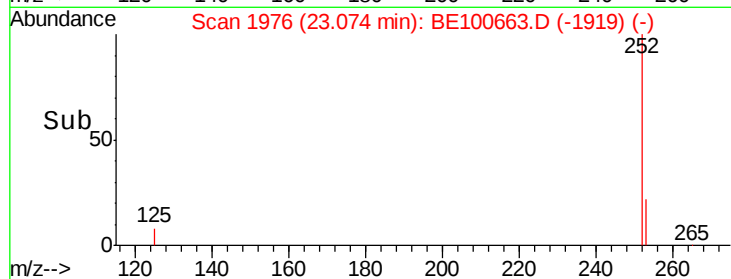
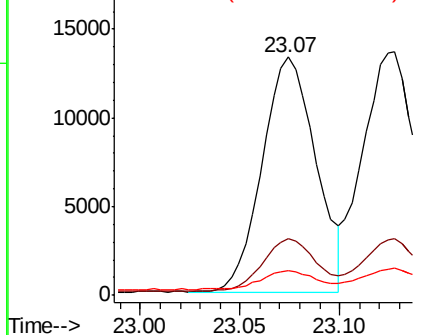


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36
Benzo(k)fluoranthene
Concen: 0.286 ng
RT: 23.13 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100663.D
Acq: 23 Oct 2019 16:02

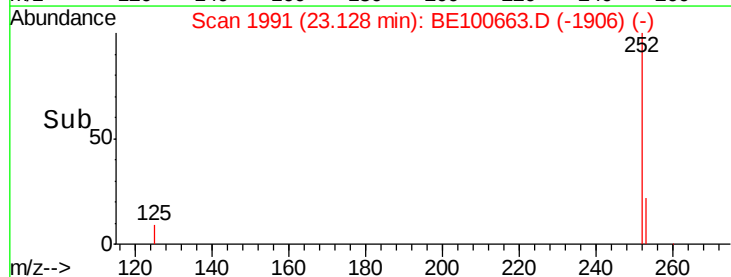
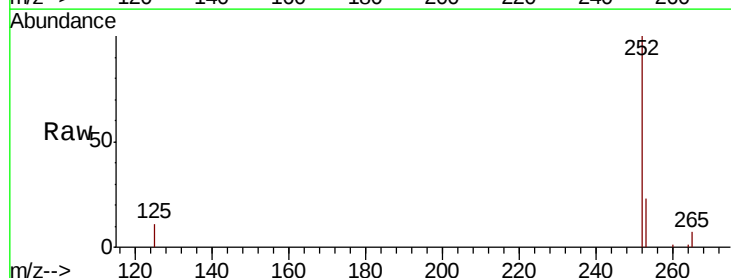
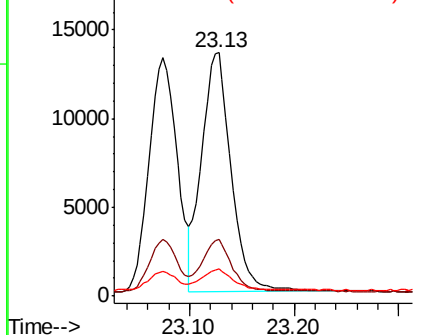
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	11.0	11.6	17.4#

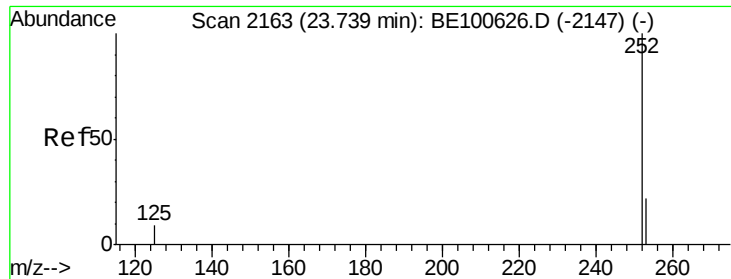
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.315 ng

RT: 23.72 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

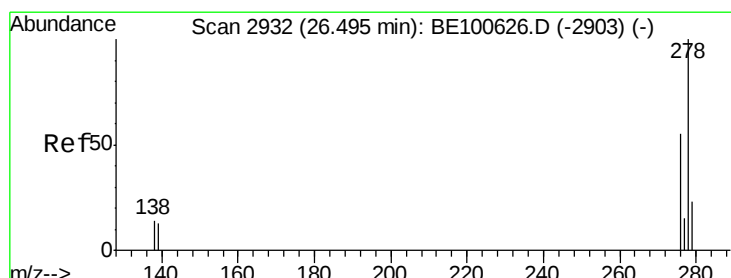
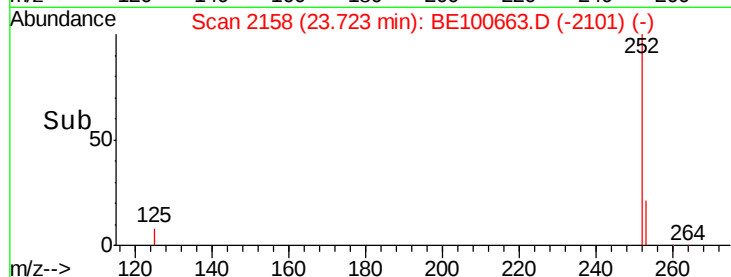
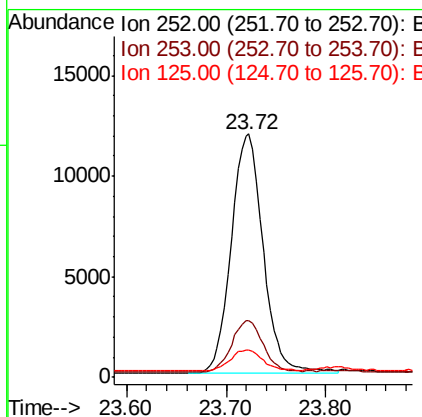
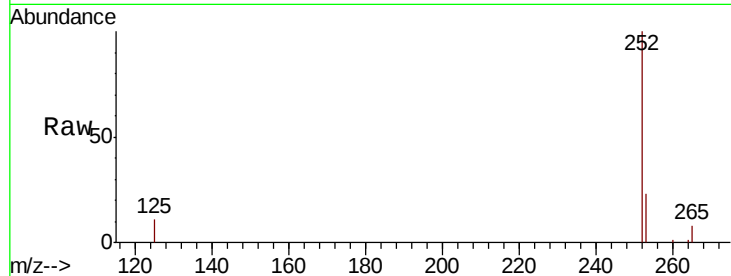
ClientSampleId :

PB124100BS

Tot Ion:	252	Resp:	26511
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.4	27.6
125	11.2	8.2	12.4

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#38

Dibenzo(a,h)anthracene

Concen: 0.339 ng

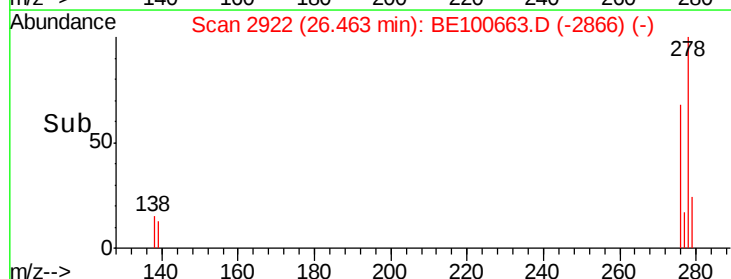
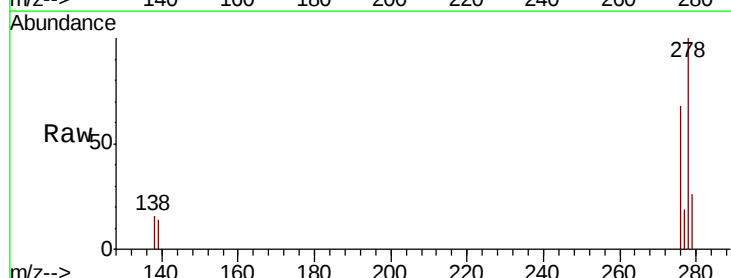
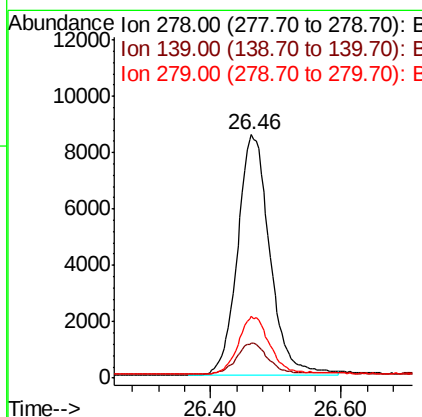
RT: 26.46 min Scan# 2922

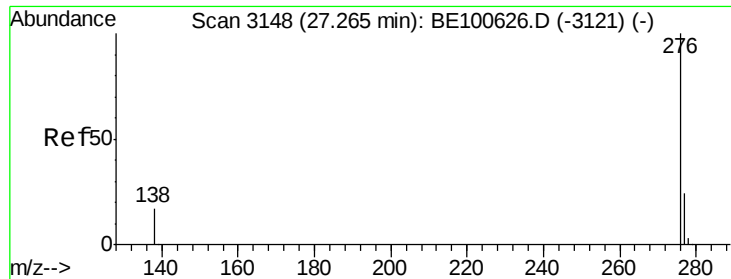
Delta R.T. 0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Tgt Ion:	278	Resp:	29568
Ion Ratio	Lower	Upper	
278	100		
139	14.1	10.9	16.3
279	25.6	19.4	29.2





#39

Benzo(a,h,i)perylene

Concen: 0.349 ng

RT: 27.23 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BE100663.D

Acq: 23 Oct 2019 16:02

Instrument :

BNA_E

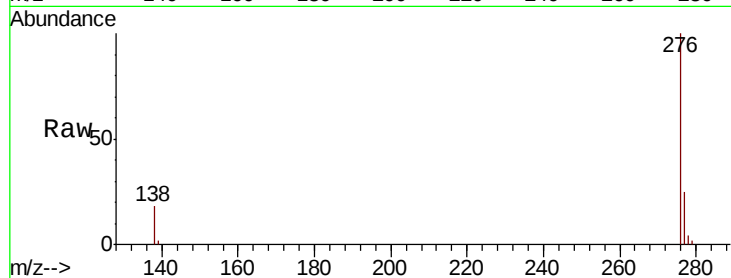
ClientSampleId :

PB124100BS

Tot Ion:	276	Resp:	30554
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.4	29.0
138	18.1	13.6	20.4

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

