

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072319\
 Data File : BE100492.D
 Acq On : 23 Jul 2019 9:11
 Operator : HP/JU
 Sample : PB121536BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121536BS

Manual Integrations
 APPROVED

mohammad
 7/24/2019 5:28:34 PM

Quant Time: Jul 24 02:25:39 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 23 08:06:59 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	3093	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	11878	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	6516	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	14427	0.40	ng	0.00
27) Chrysene-d12	21.38	240	17512	0.40	ng	0.00
34) Perylene-d12	23.85	264	21337	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.45	112	2971	0.39	ng	0.00
5) Phenol-d6	7.03	99	4114	0.38	ng	0.00
8) Nitrobenzene-d5	9.02	82	3327	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	5426m	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1065	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	7893	0.30	ng	0.00
25) Fluoranthene-d10	19.24	212	57744	0.29	ng	0.00
29) Terphenyl-d14	19.83	244	10383	0.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	1643	0.305	ng	# 78
3) n-Nitrosodimethylamine	3.67	42	1056	0.373	ng	# 90
6) bis(2-Chloroethyl)ether	7.29	93	3241	0.350	ng	98
9) Naphthalene	10.71	128	37987	0.333	ng	100
10) Hexachlorobutadiene	11.00	225	1715	0.314	ng	98
12) 2-Methylnaphthalene	12.32	142	6532	0.318	ng	98
16) Acenaphthylene	14.21	152	9745	0.323	ng	98
17) Acenaphthene	14.56	154	5845	0.322	ng	97
18) Fluorene	15.53	166	7556	0.312	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	2434	0.355	ng	# 76
21) Hexachlorobenzene	16.53	284	2333	0.330	ng	98
22) Pentachlorophenol	16.87	266	1717	0.611	ng	93
23) Phenanthrene	17.26	178	12053	0.341	ng	99
24) Anthracene	17.35	178	12266	0.364	ng	99
26) Fluoranthene	19.27	202	16476	0.324	ng	# 92
28) Pyrene	19.63	202	16985	0.311	ng	99
30) Benzo(a)anthracene	21.35	228	17803	0.333	ng	97
31) Chrysene	21.41	228	16258	0.308	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	60467	0.492	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.47	276	24500	0.426	ng	99
35) Benzo(b)fluoranthene	23.09	252	18796	0.322	ng	99
36) Benzo(k)fluoranthene	23.14	252	24809m	0.405	ng	
37) Benzo(a)pyrene	23.74	252	19382	0.341	ng	97
38) Dibenzo(a,h)anthracene	26.50	278	20216	0.377	ng	98
39) Benzo(g,h,i)perylene	27.27	276	21036	0.383	ng	97

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

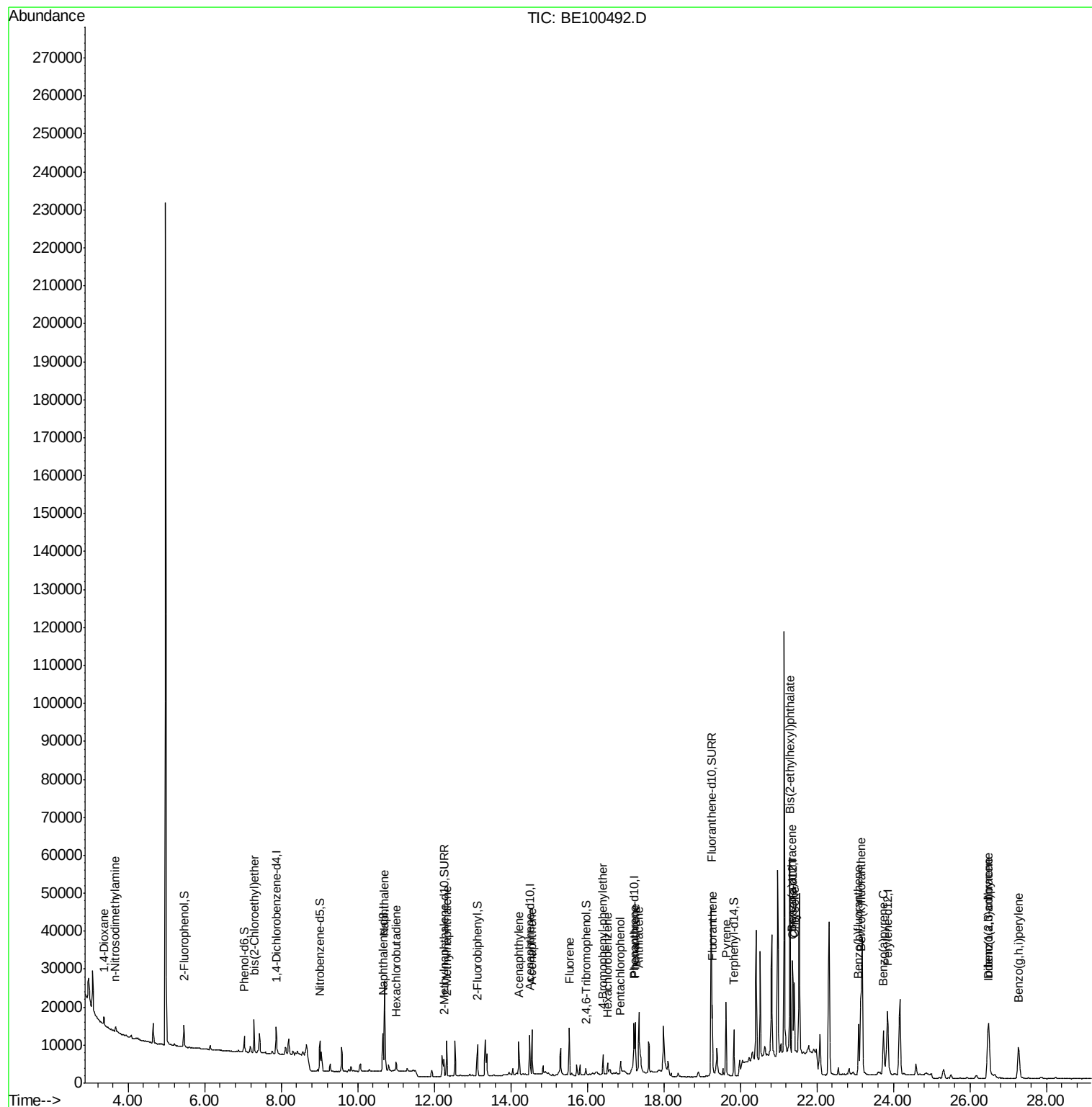
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072319\
Data File : BE100492.D
Acq On : 23 Jul 2019 9:11
Operator : HP/JU
Sample : PB121536BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

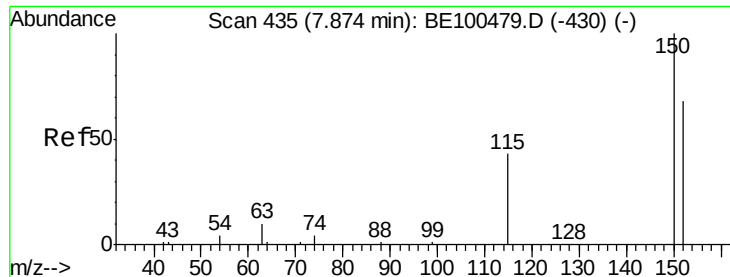
Instrument :
BNA_E
ClientSampleId :
PB121536BS

Manual Integrations
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7/24/2019 5:28:34 PM

Quant Time: Jul 24 02:25:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 08:06:59 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Instrument :

BNA_E

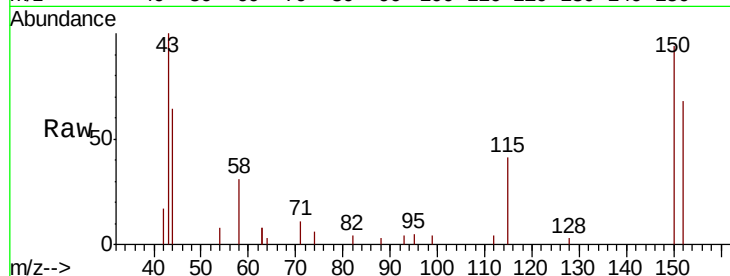
ClientSampleId :

PB121536BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.4	115.0	172.6
115	60.0	52.9	79.3

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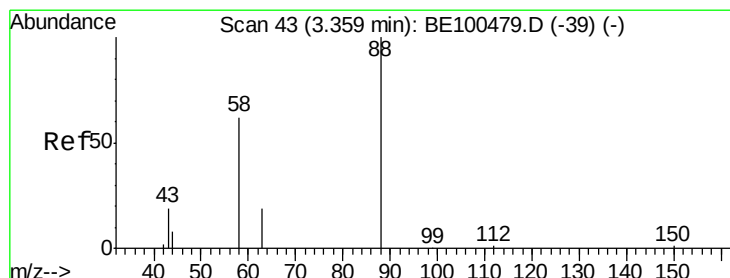
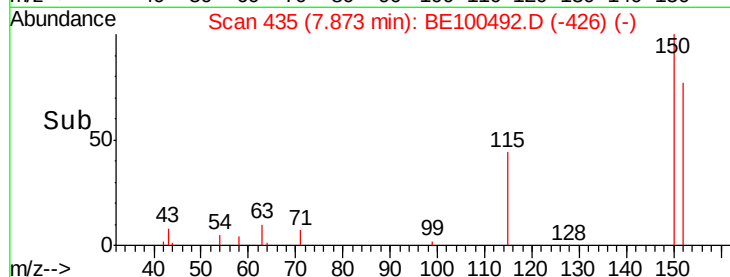
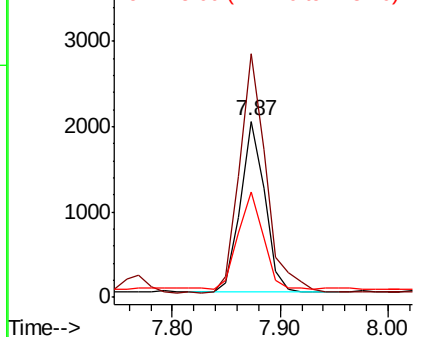


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.305 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.01 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

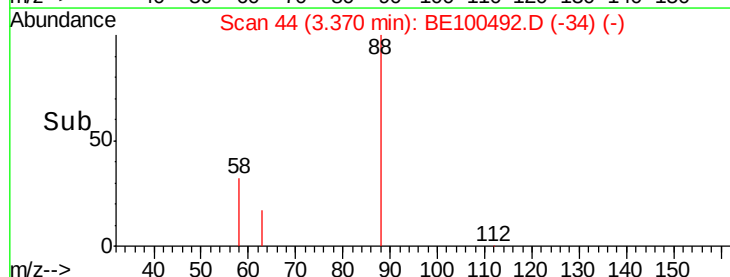
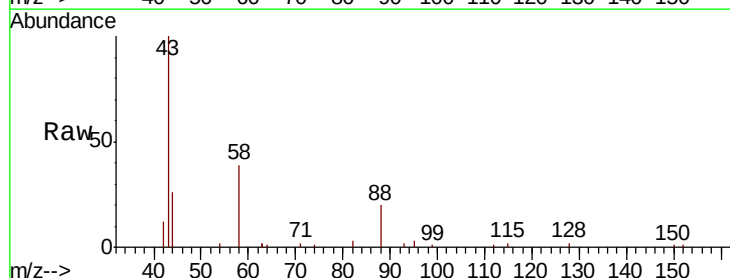
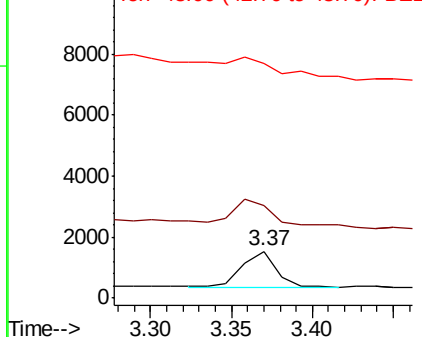
Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	53.2	79.8
43	0.0	20.8	31.2#

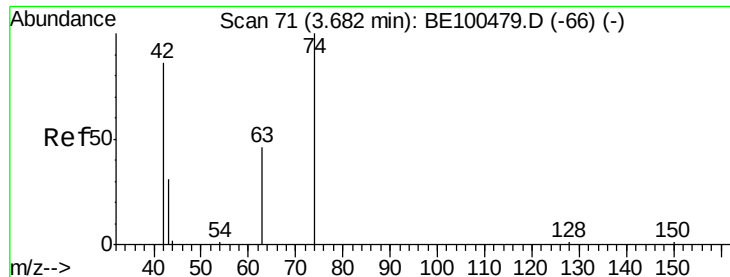
Abundance

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: 0.373 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Instrument :

BNA_E

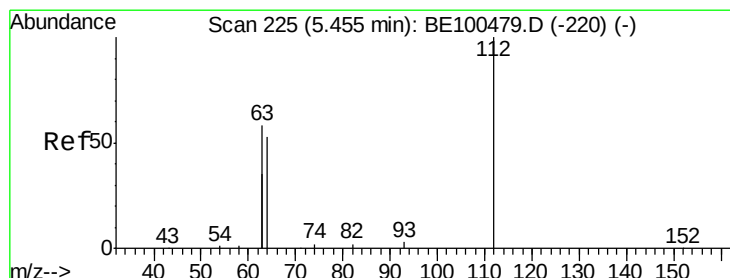
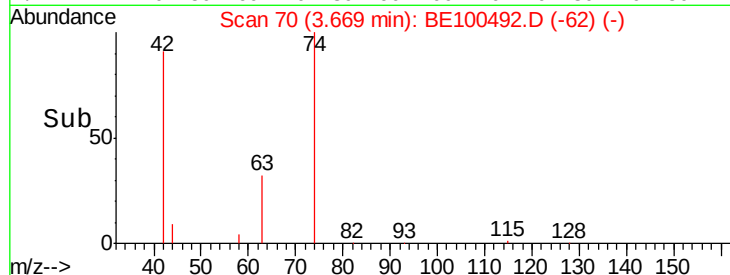
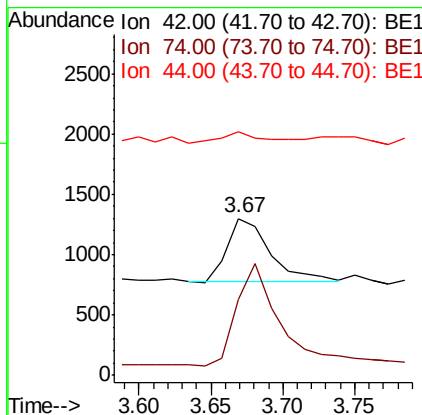
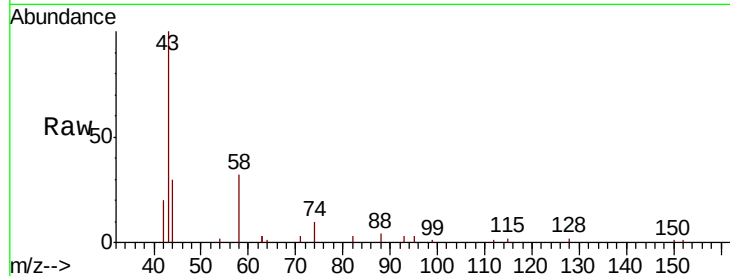
ClientSampleId :

PB121536BS

Tot Ion:	42	Resp:	1056
Ion	Ratio	Lower	Upper
42	100		
74	159.3	0.0	0.0#
44	15.7	9.6	14.4#

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#4

2-Fluorophenol

Concen: 0.394 ng

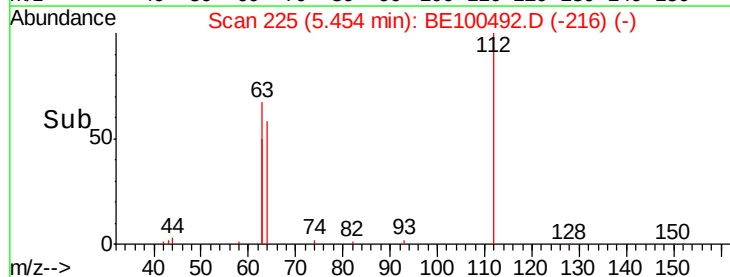
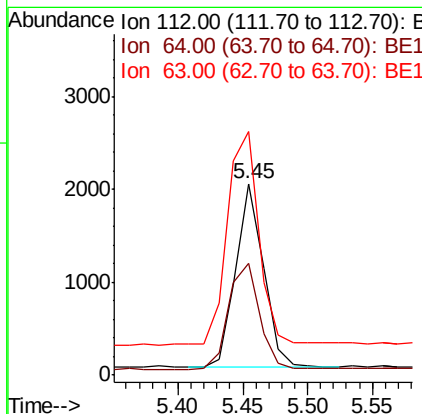
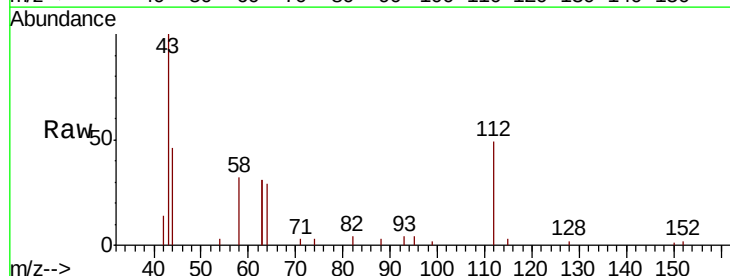
RT: 5.45 min Scan# 225

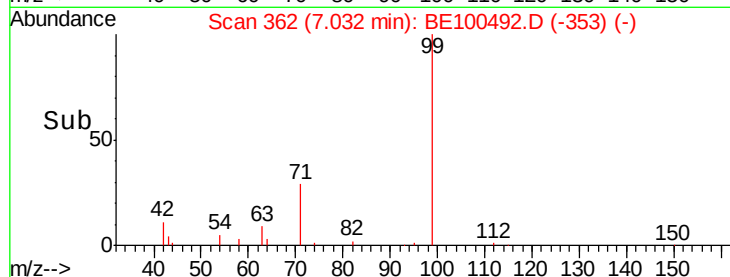
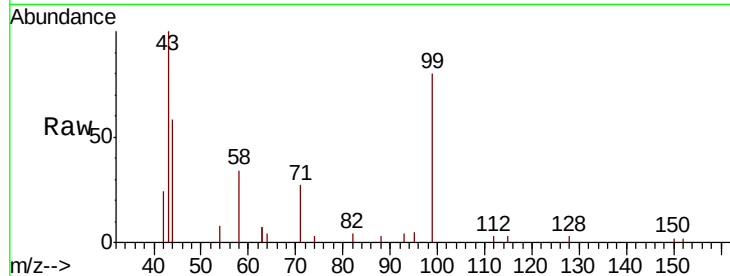
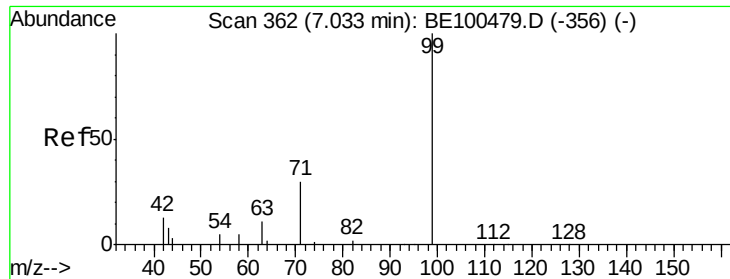
Delta R.T. -0.00 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Tgt Ion:	112	Resp:	2971
Ion	Ratio	Lower	Upper
112	100		
64	64.4	54.1	81.1
63	128.9	104.6	157.0





#5

Phenol-d6

Concen: 0.382 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Tot Ion:	99	Resp:	4114
Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	35.5	26.4	39.6

Instrument :

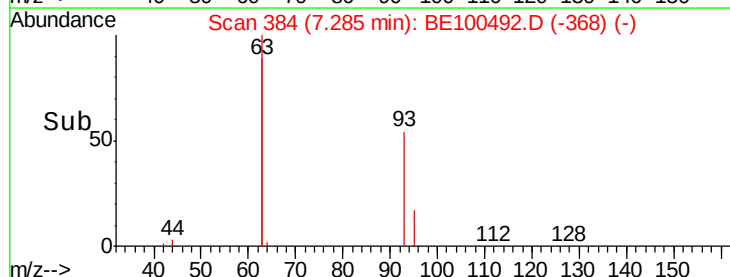
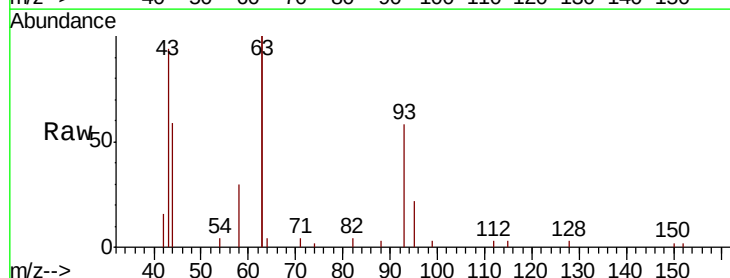
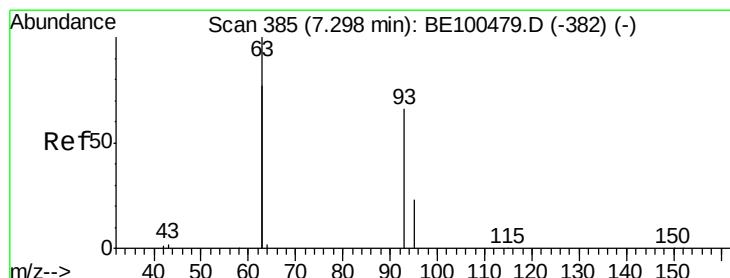
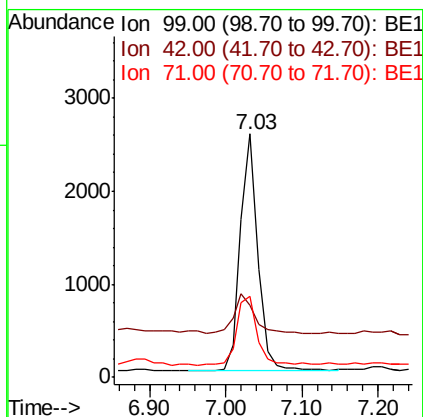
BNA_E

ClientSampleId :

PB121536BS

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.350 ng

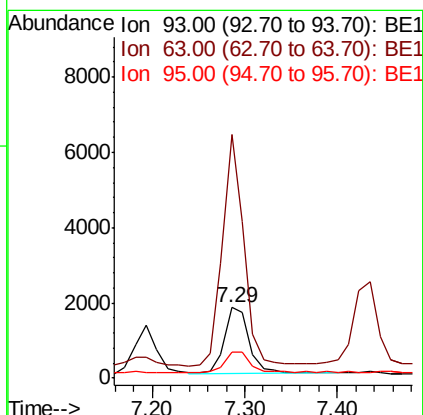
RT: 7.29 min Scan# 384

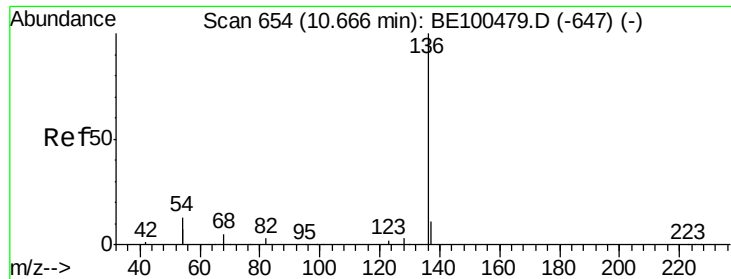
Delta R.T. -0.01 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Tgt Ion:	93	Resp:	3241
Ion	Ratio	Lower	Upper
93	100		
63	306.2	248.3	372.5
95	32.0	25.4	38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Instrument :

BNA_E

ClientSampleId :

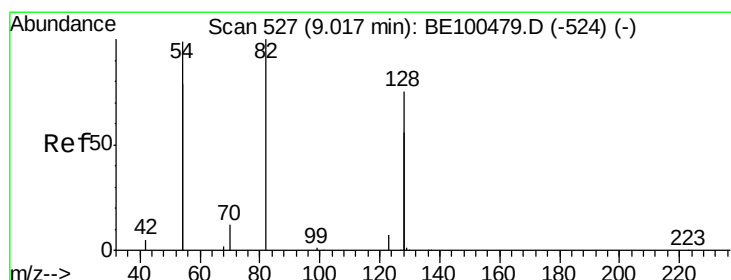
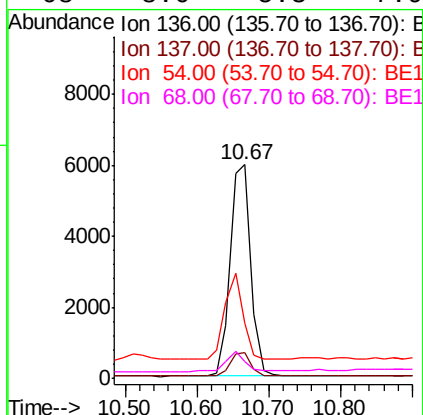
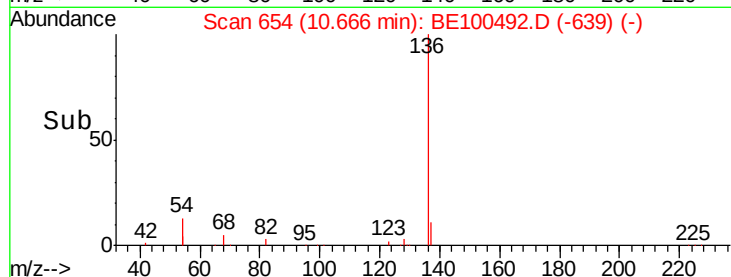
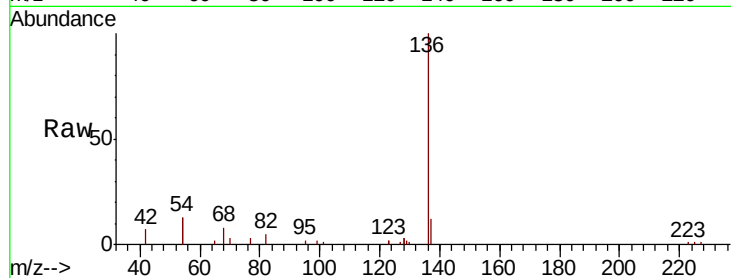
PB121536BS

Tot Ion: 136 Resp: 11878

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.6
54	25.9	20.6	31.0
68	8.0	5.3	7.9

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.337 ng

RT: 9.02 min Scan# 527

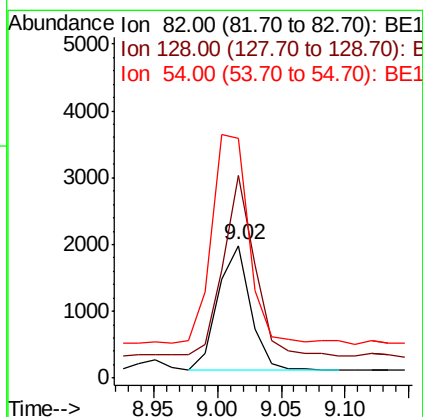
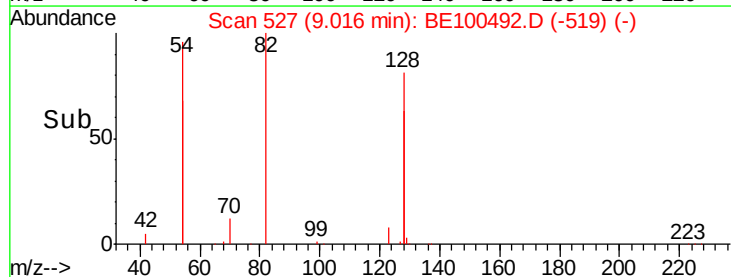
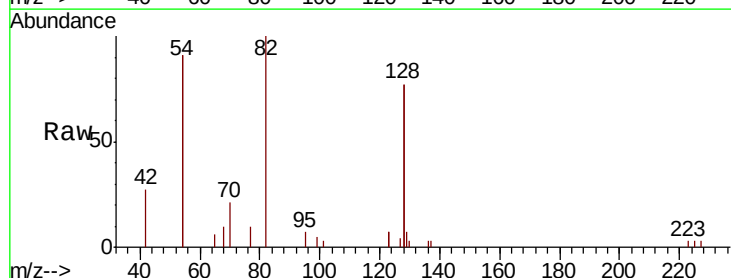
Delta R.T. -0.00 min

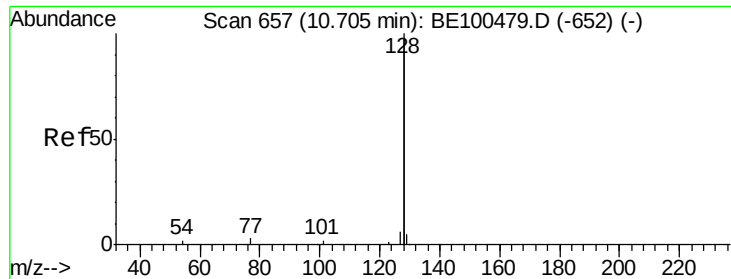
Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Tgt Ion: 82 Resp: 3327

Ion	Ratio	Lower	Upper
82	100		
128	153.0	113.6	170.4
54	181.6	150.6	226.0





#9

Naphthalene

Concen: 0.333 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Instrument :

BNA_E

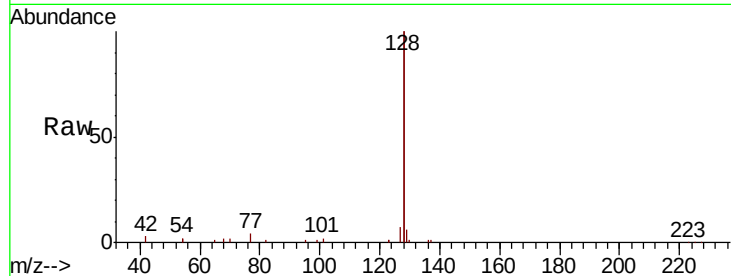
ClientSampleId :

PB121536BS

Tot Ion:	128	Resp:	37987
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.3	3.5
127	3.6	2.7	4.1

Manual Integrations
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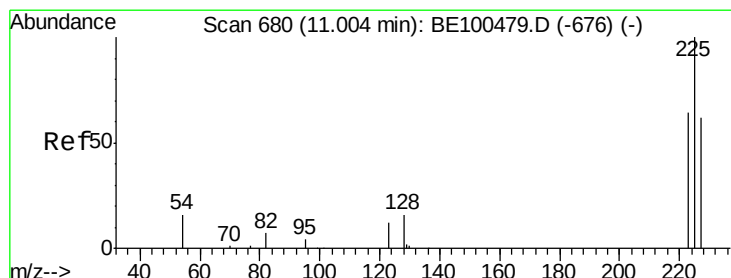
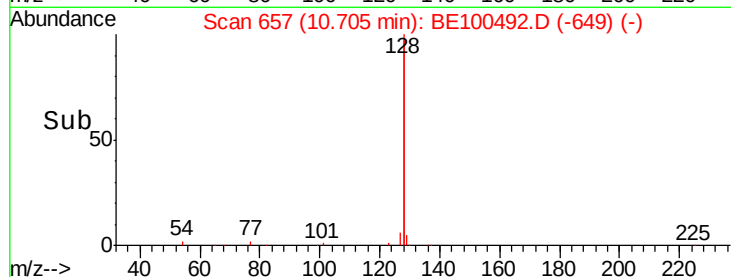
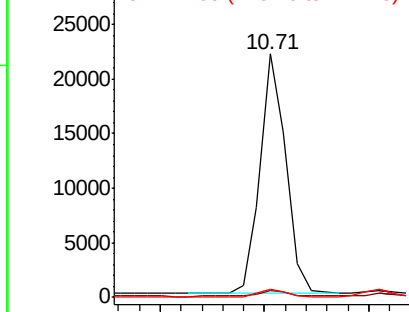


Abundance

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: 0.314 ng

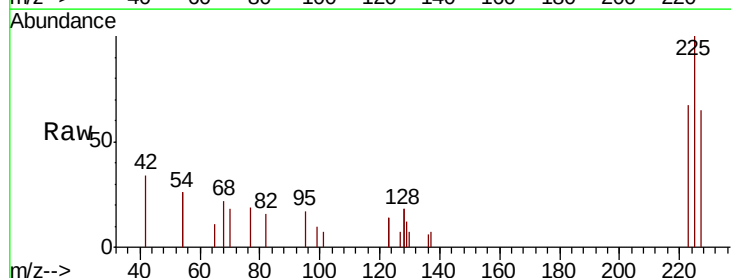
RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Tgt Ion:	225	Resp:	1715
Ion Ratio	Lower	Upper	
225	100		
223	64.1	49.4	74.0
227	65.2	51.4	77.2

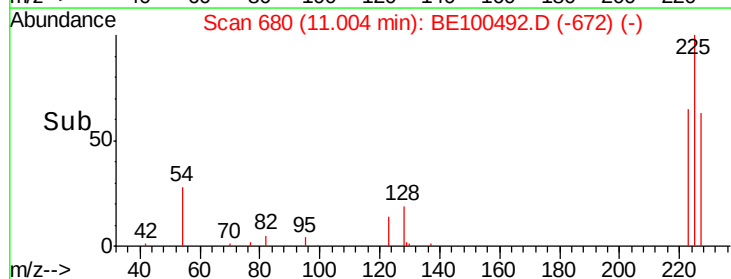
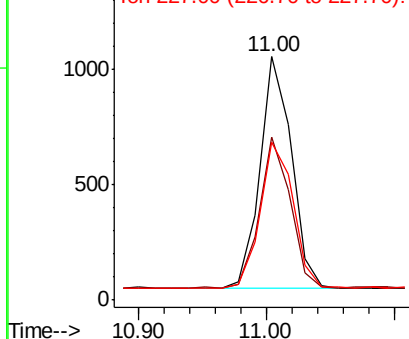


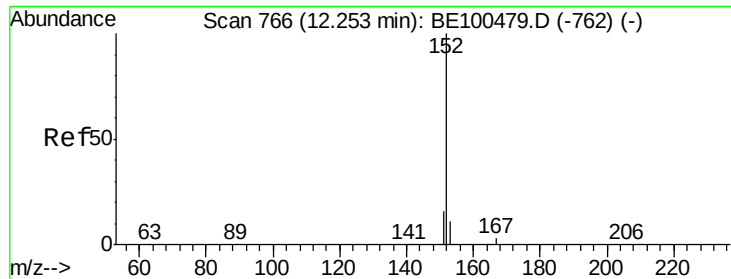
Abundance

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





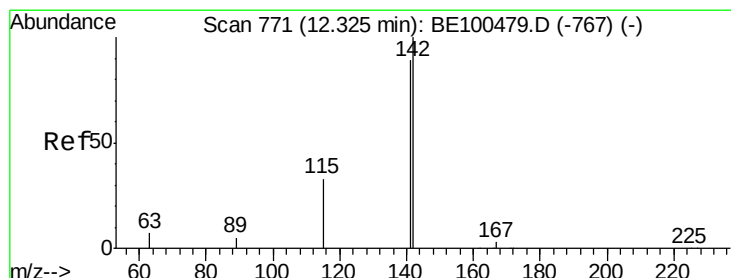
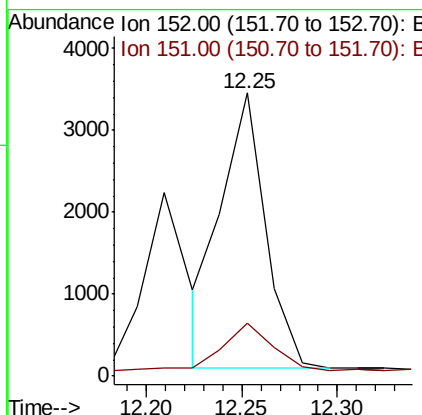
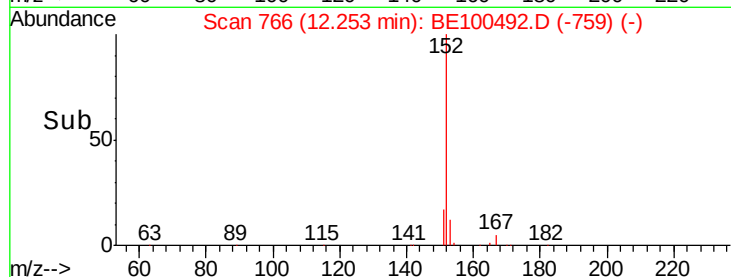
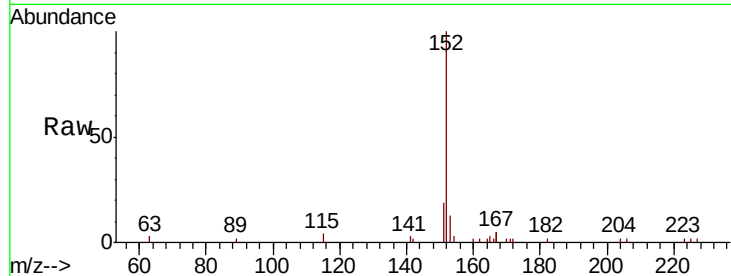
#11
 2-Methylnaphthalene-d10
 Concen: 0.276 ng m
 RT: 12.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BE100492.D
 Acq: 23 Jul 2019 9:11

Instrument :
 BNA_E
 ClientSampleId :
 PB121536BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

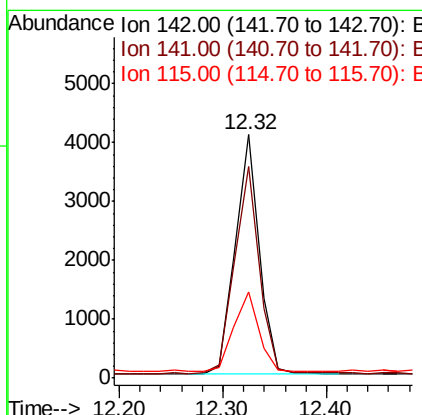
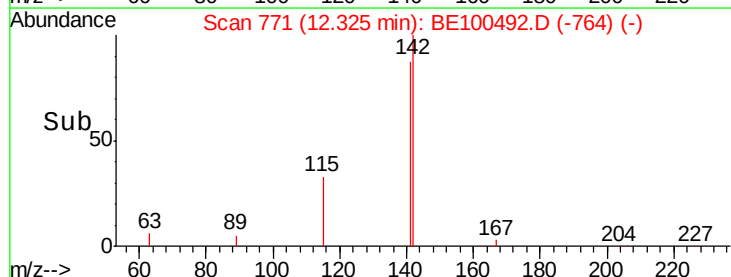
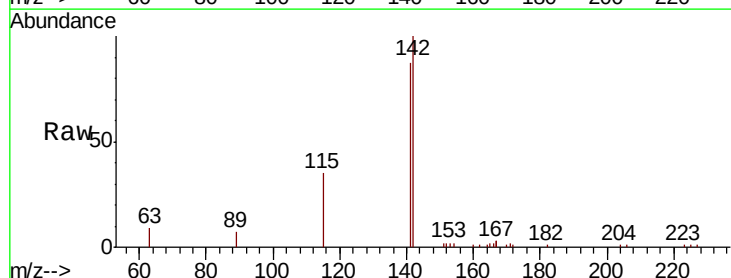
Manual Integrations
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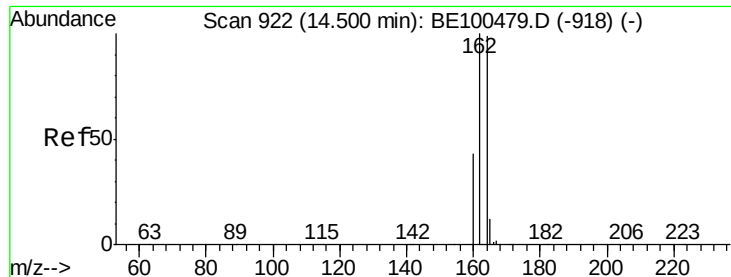
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#12
 2-Methylnaphthalene
 Concen: 0.318 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BE100492.D
 Acq: 23 Jul 2019 9:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.7	107.5
115	35.2	27.8	41.6





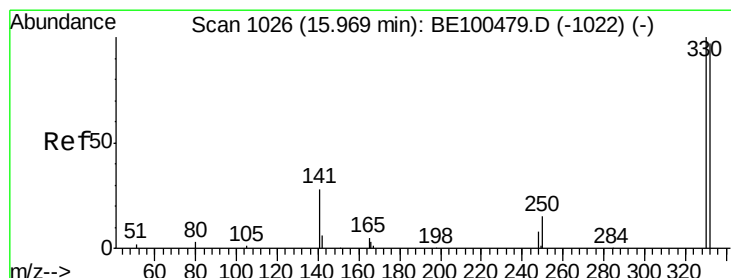
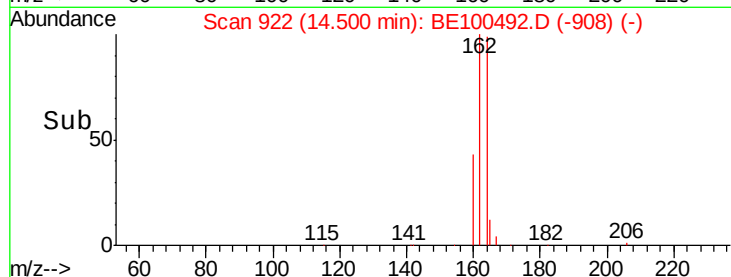
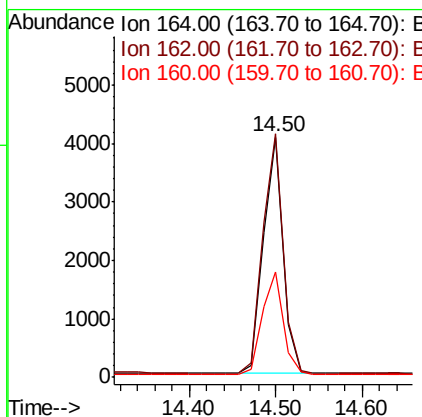
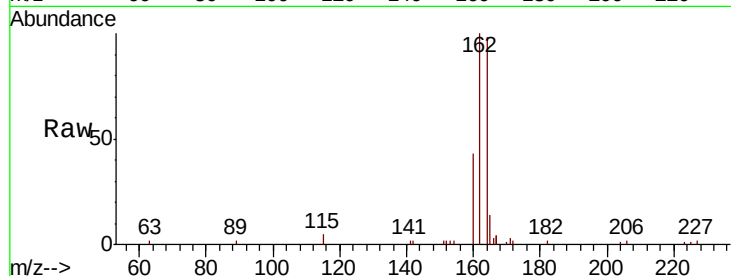
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.8	121.2
160	44.0	34.9	52.3

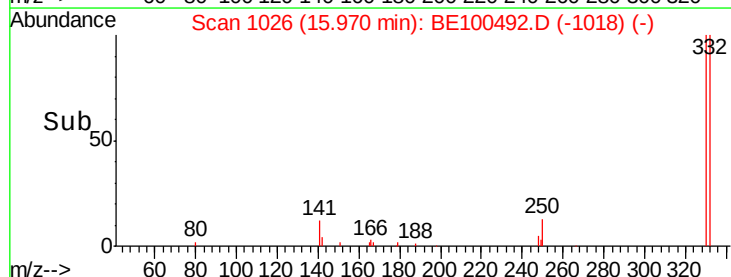
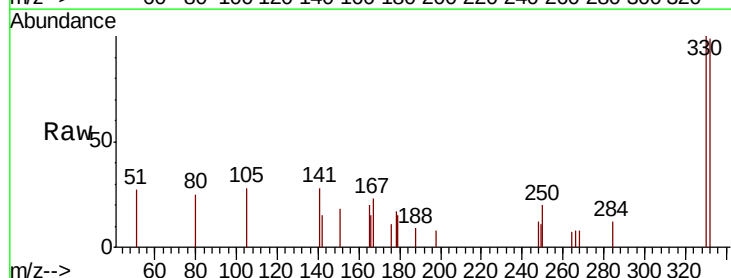
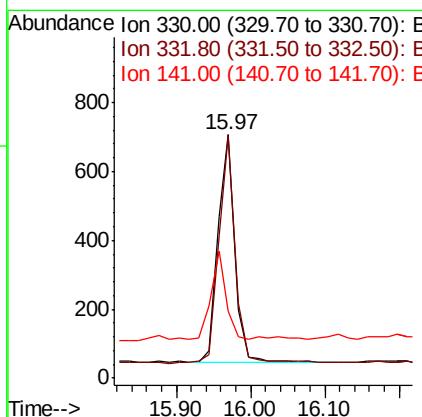
Manual Integrations
APPROVED

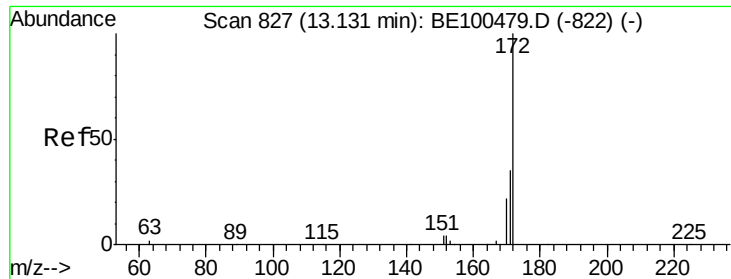
mohammad
7/24/2019 5:28:34 PM



#14
2,4,6-Tribromophenol
Concen: 0.377 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	80.5	120.7
141	33.8	29.9	44.9





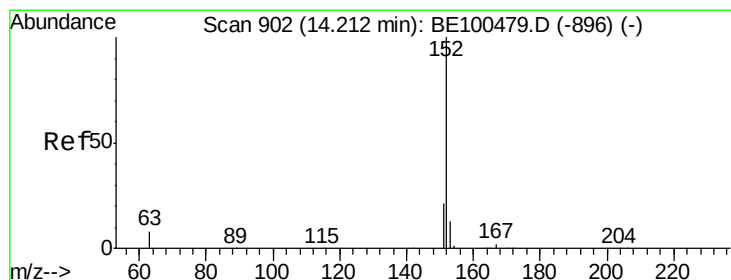
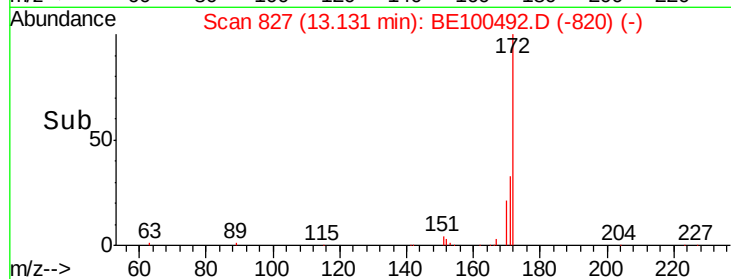
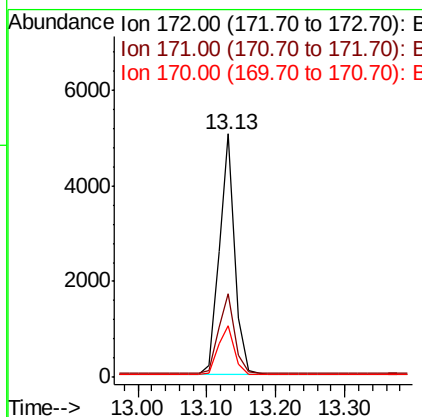
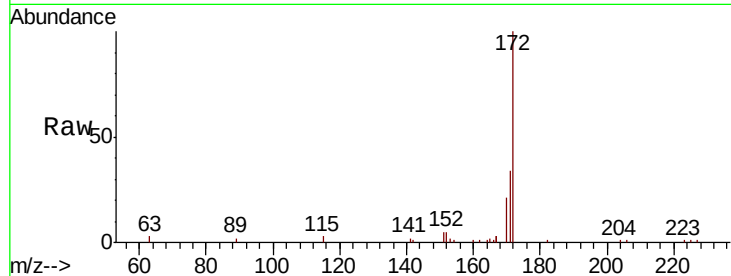
#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	21.4	17.8	26.8

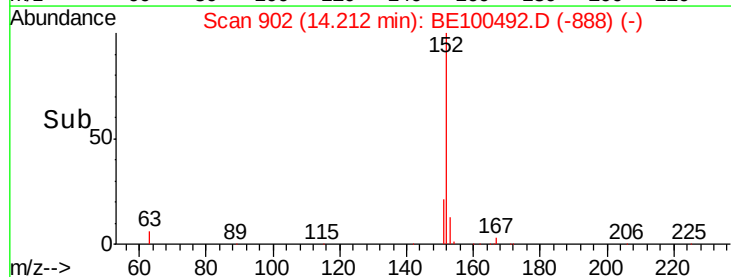
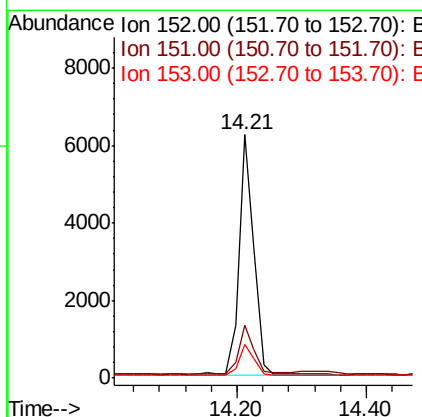
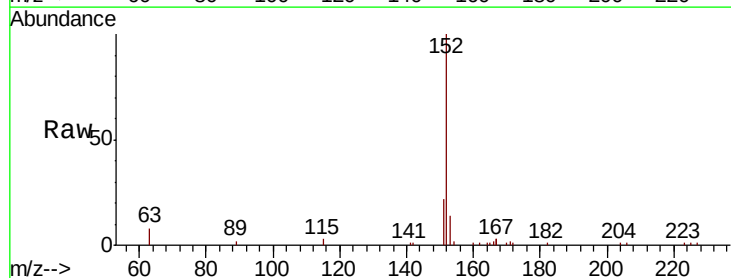
Manual Integrations
APPROVED

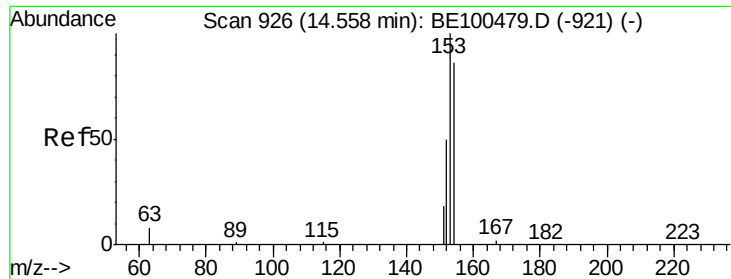
mohammad
7/24/2019 5:28:34 PM



#16
Acenaphthylene
Concen: 0.323 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.1	24.1
153	12.9	10.6	16.0





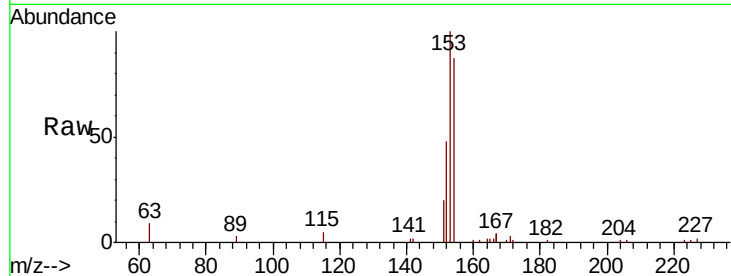
#17
Acenaphthene
Concen: 0.322 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.8	136.2
152	53.0	45.1	67.7

Manual Integrations
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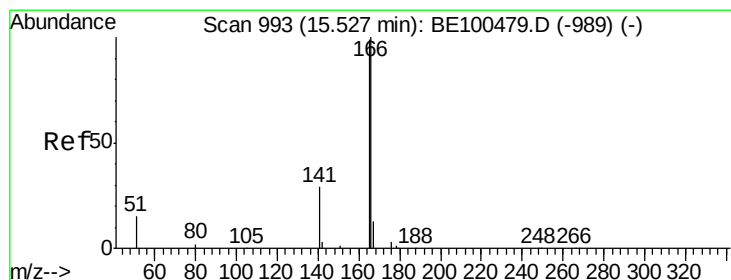
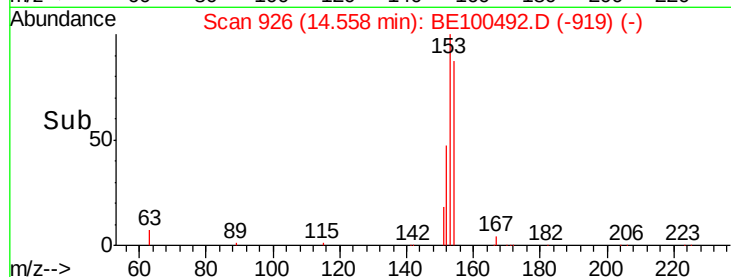
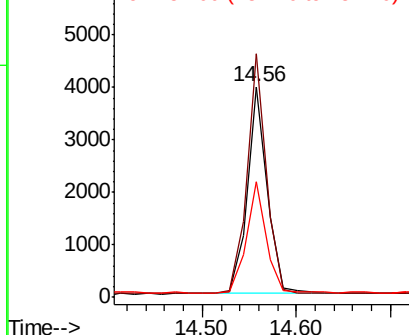


Abundance

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: 0.312 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

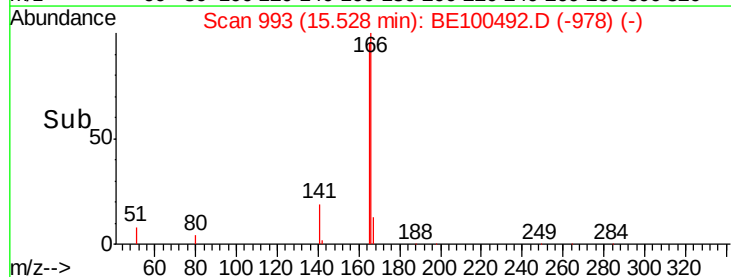
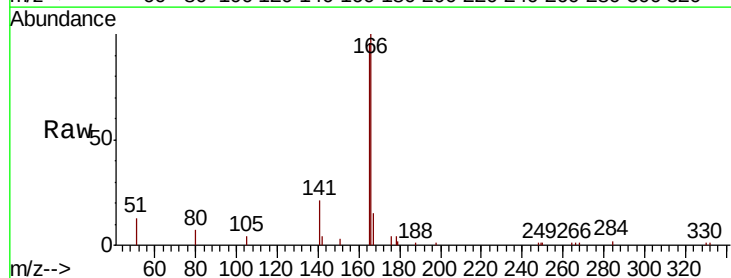
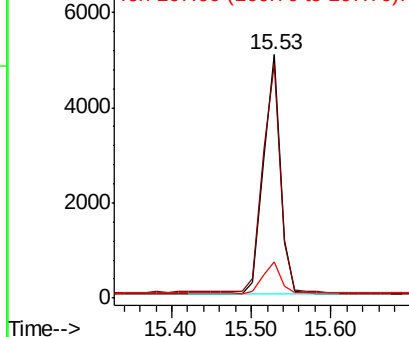
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.3	117.5
167	13.2	10.9	16.3

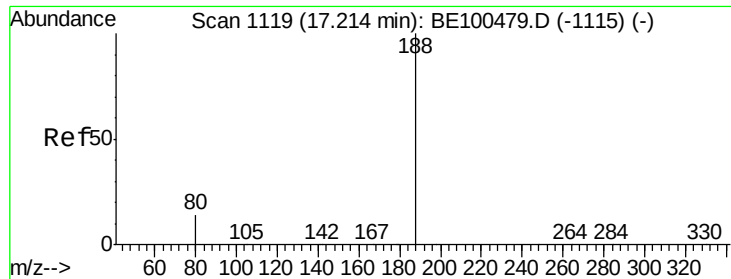
Abundance

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Instrument :

BNA_E

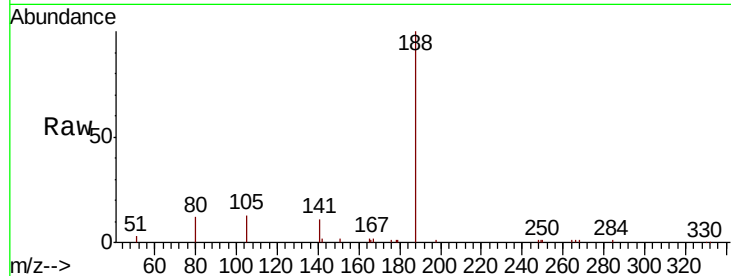
ClientSampled :

PB121536BS

Tot Ion:	188	Resp:	14427
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.9	11.9	17.9

Manual Integrations
APPROVED

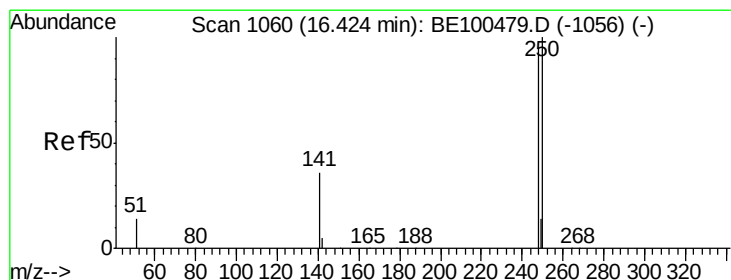
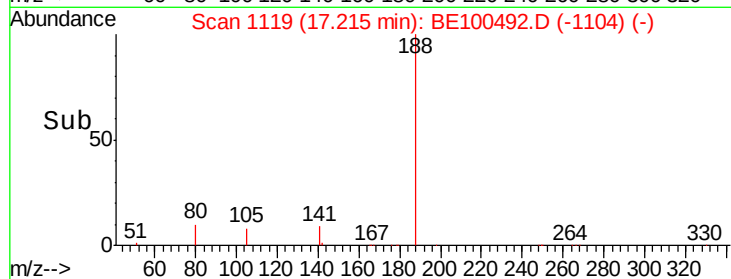
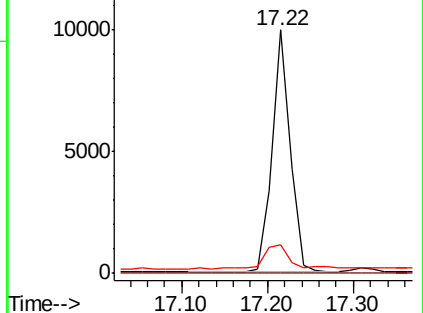
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.355 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE100492.D

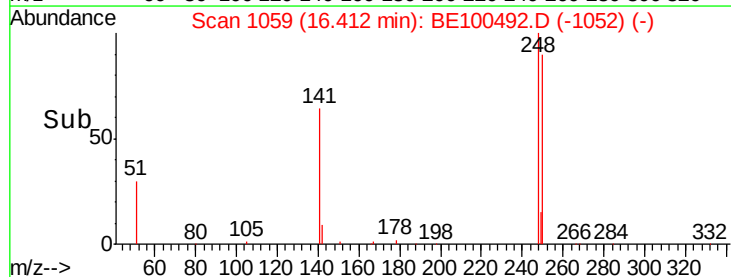
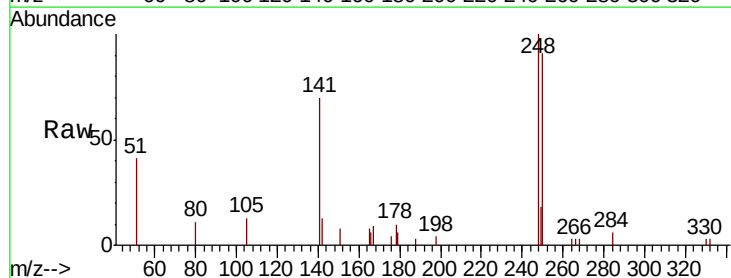
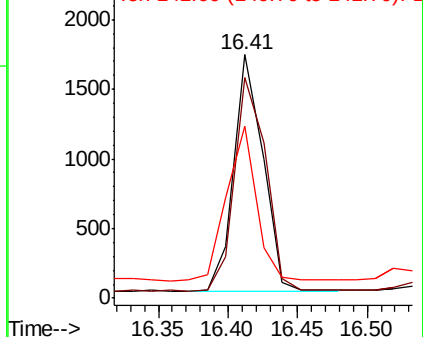
Acq: 23 Jul 2019 9:11

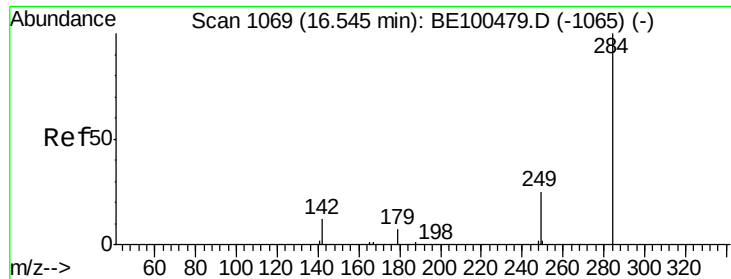
Tgt Ion:	248	Resp:	2434
Ion Ratio	Lower	Upper	
248	100		
250	90.7	84.4	126.6
141	70.4	32.2	48.2#

Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





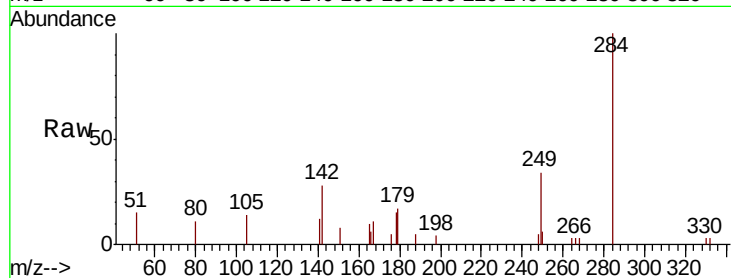
#21
Hexachlorobenzene
Concen: 0.330 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.1	26.7	40.1
249	30.9	25.0	37.4

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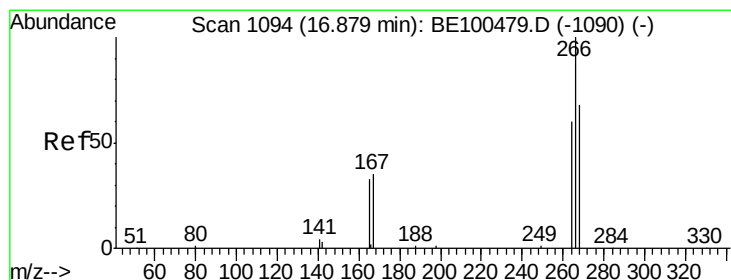
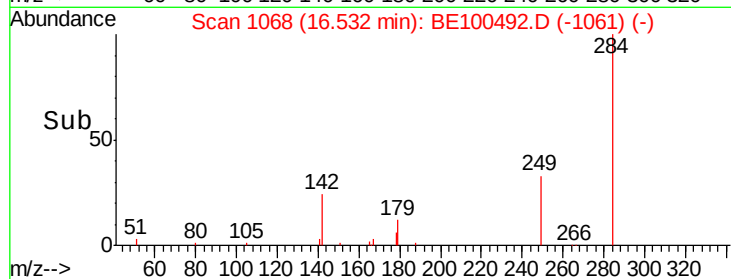
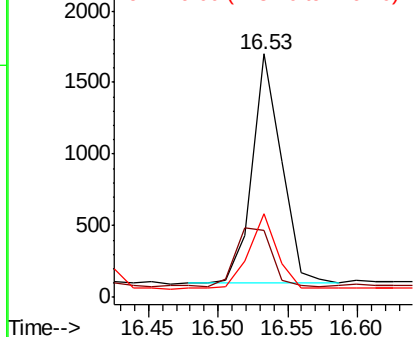


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.611 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

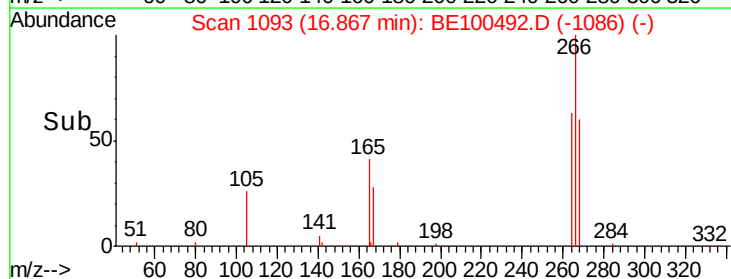
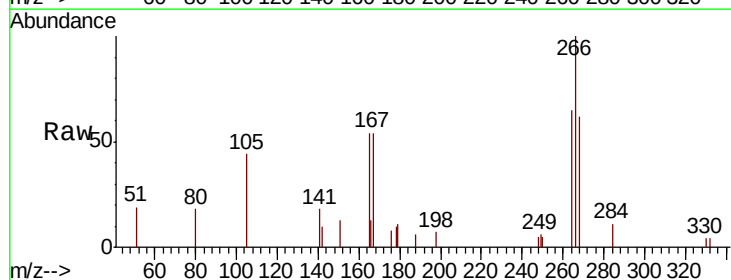
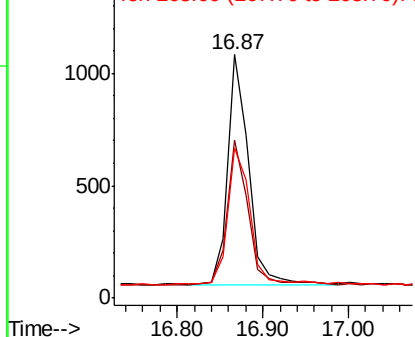
Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.9	50.4	75.6
268	61.9	56.6	85.0

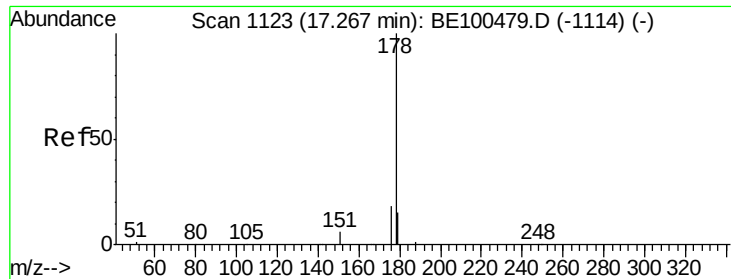
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





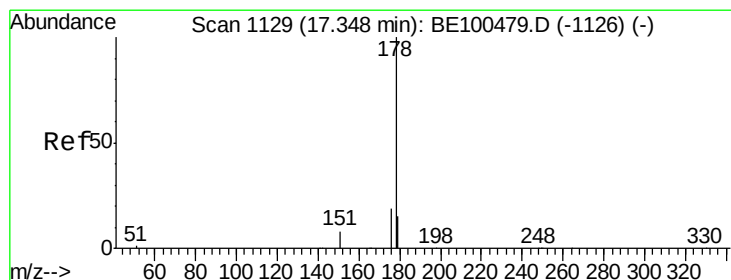
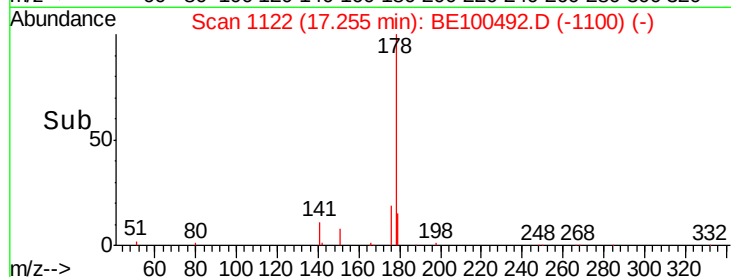
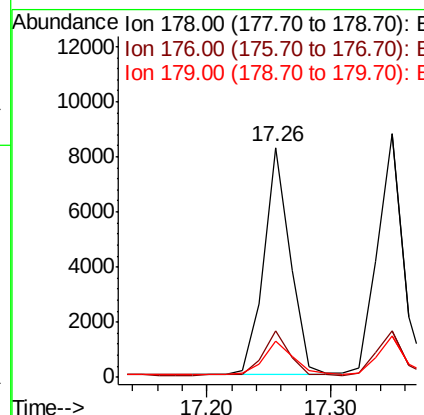
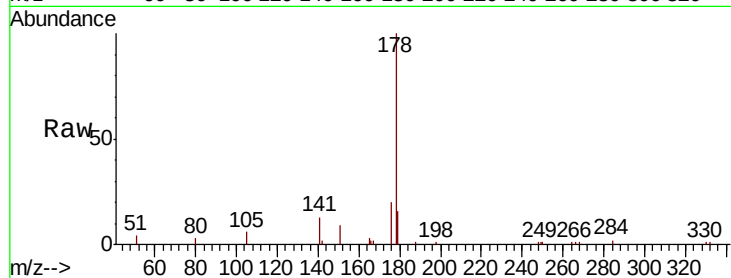
#23
Phenanthrene
Concen: 0.341 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.5	12.6	18.8

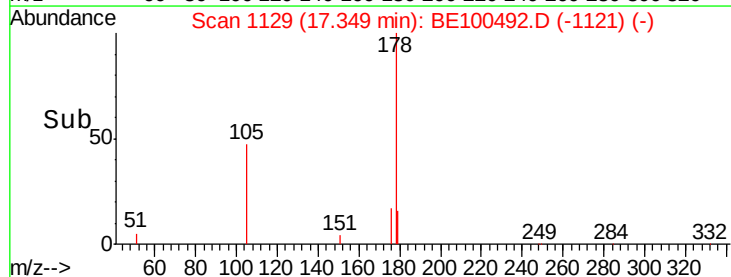
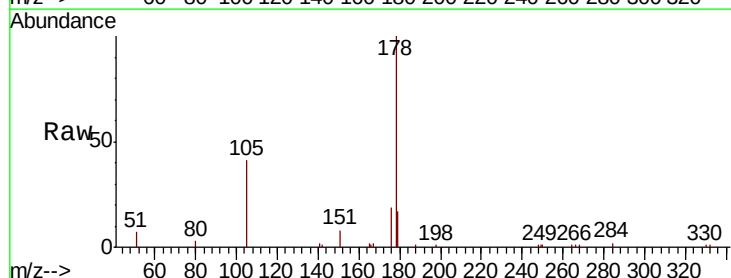
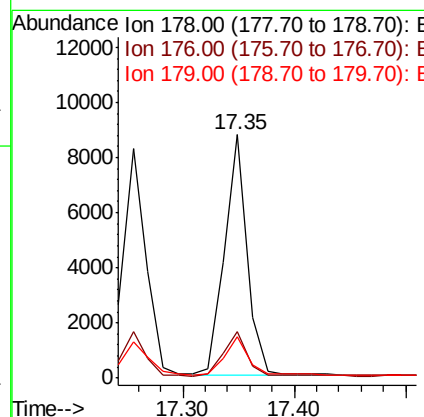
Manual Integrations
APPROVED

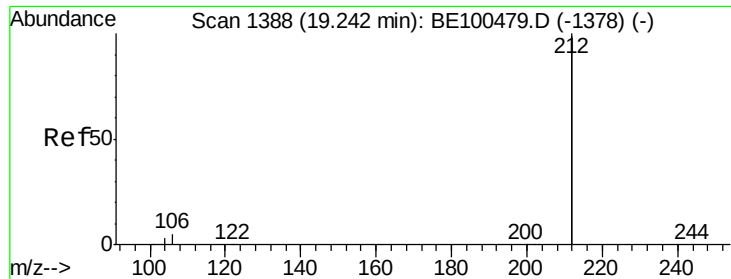
mohammad
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#24
Anthracene
Concen: 0.364 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.3	12.2	18.2





#25

Fluoranthene-d10

Concen: 0.292 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Instrument :

BNA_E

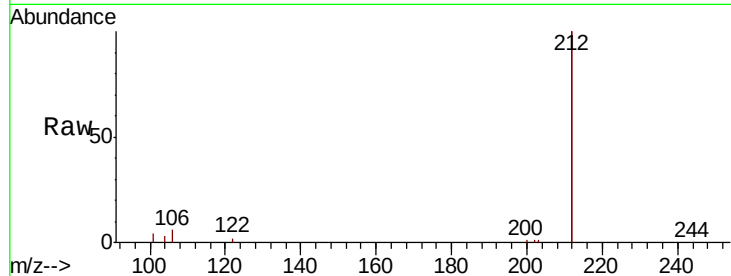
ClientSampleId :

PB121536BS

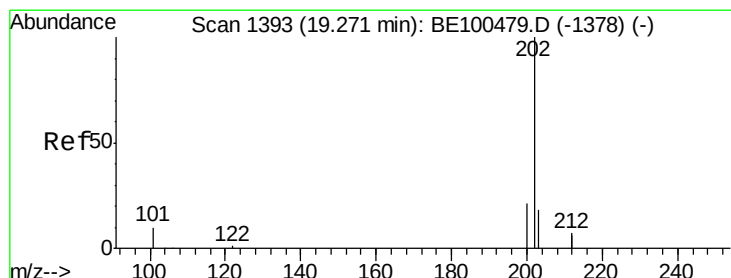
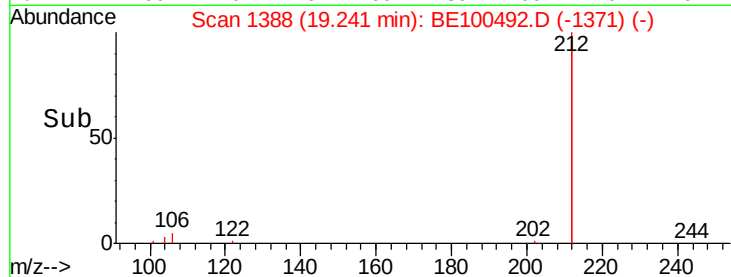
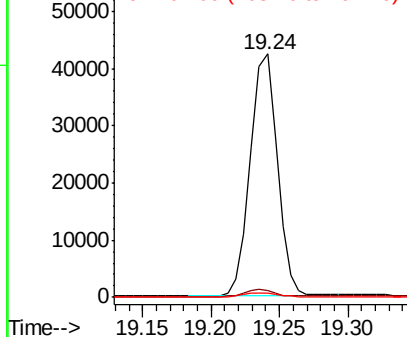
Tot Ion:	212	Resp:	57744
Ion Ratio	Lower	Upper	
212	100		
106	3.2	2.2	3.4
104	1.8	1.2	1.8

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



#26

Fluoranthene

Concen: 0.324 ng

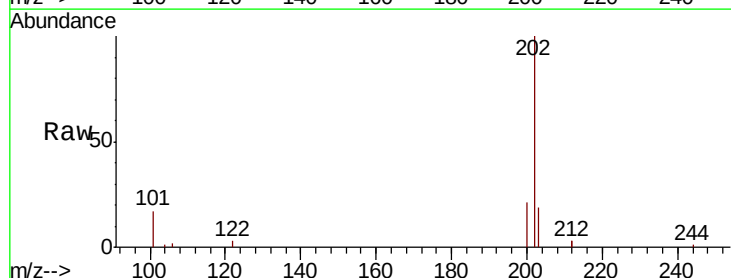
RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

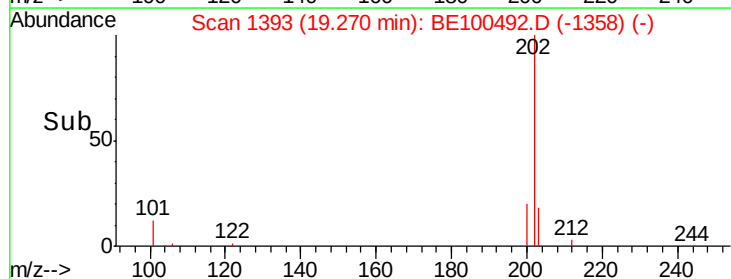
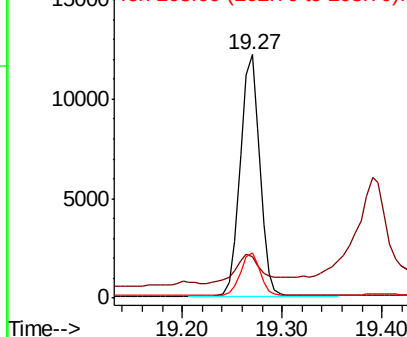
Lab File: BE100492.D

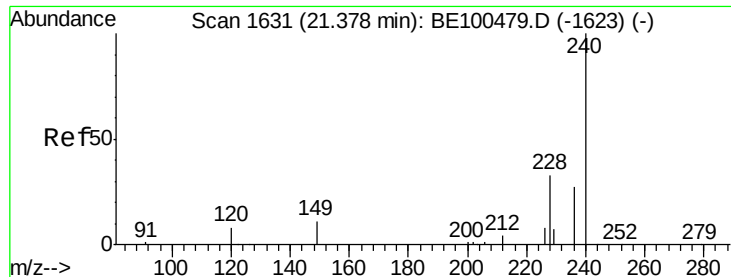
Acq: 23 Jul 2019 9:11

Tgt Ion:	202	Resp:	16476
Ion Ratio	Lower	Upper	
202	100		
101	16.9	8.0	12.0#
203	17.8	13.5	20.3



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





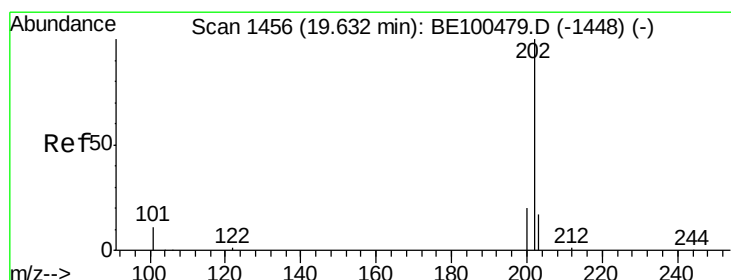
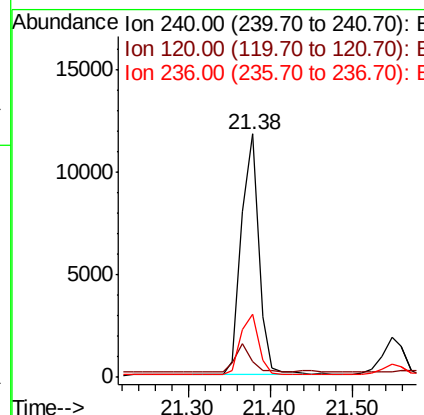
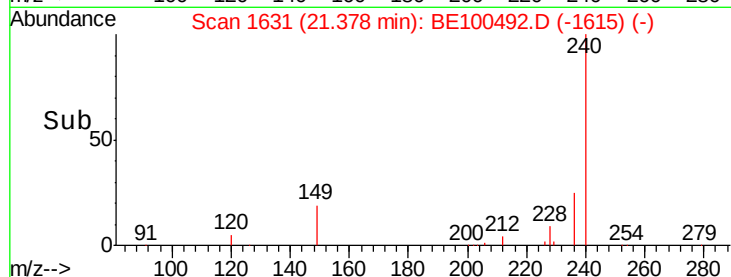
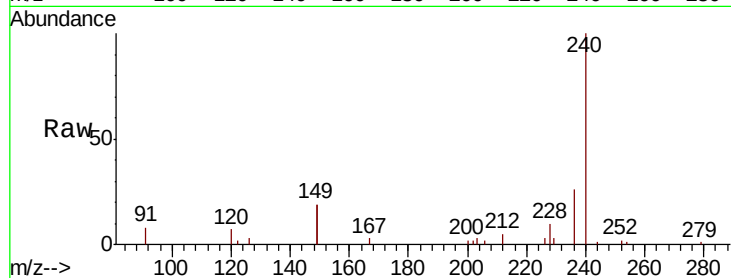
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	8.2	12.2#
236	25.8	22.6	34.0

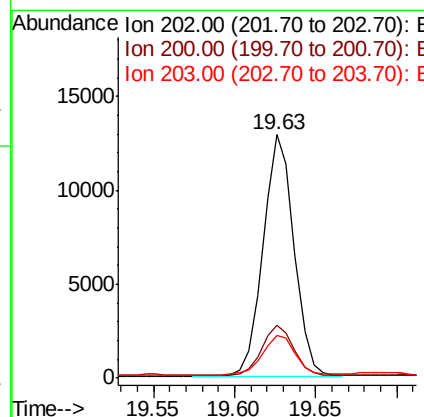
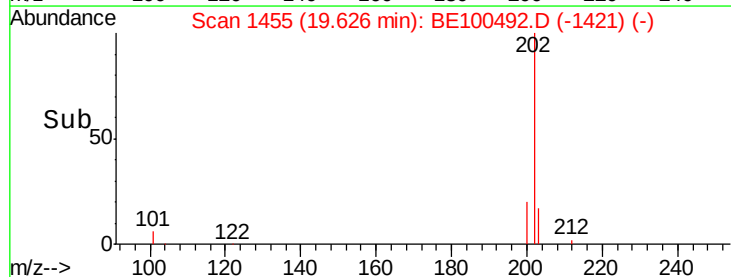
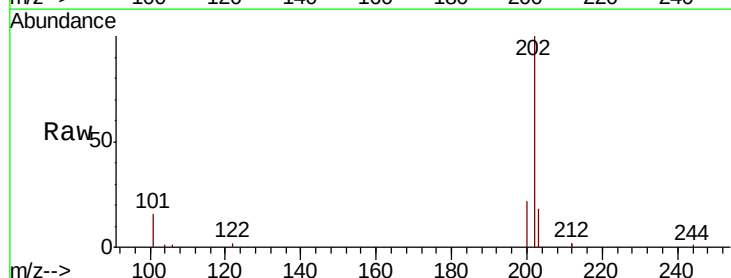
Manual Integrations
APPROVED

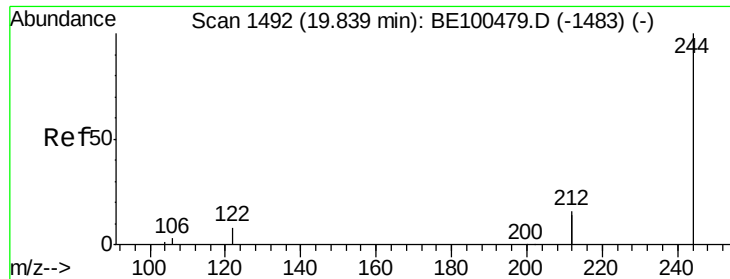
mohammad
7/24/2019 5:28:34 PM



#28
Pyrene
Concen: 0.311 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	17.9	14.1	21.1





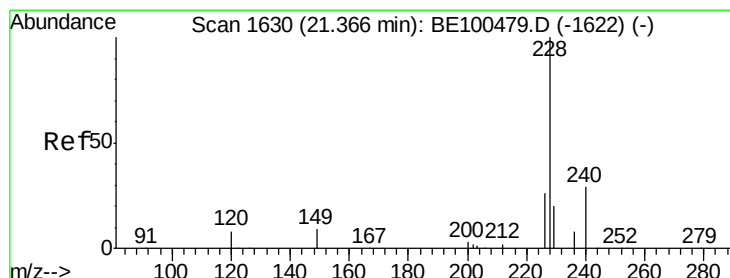
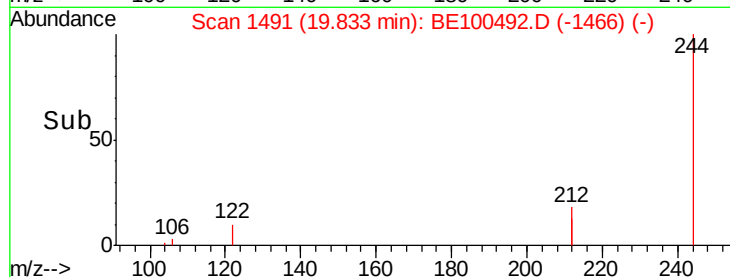
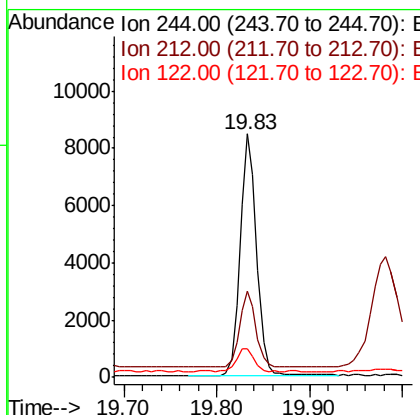
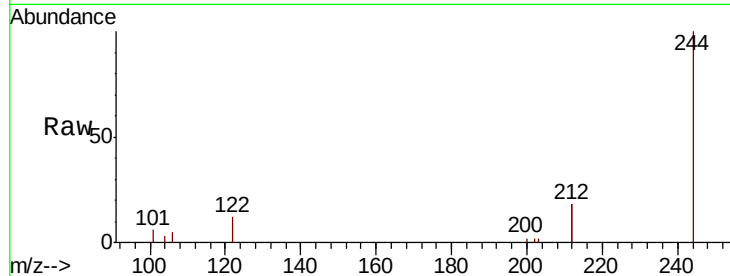
#29
 Terphenyl-d14
 Concen: 0.240 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BE100492.D
 Acq: 23 Jul 2019 9:11

Instrument :
 BNA_E
 ClientSampleId :
 PB121536BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	35.1	25.6	38.4
122	11.9	7.2	10.8

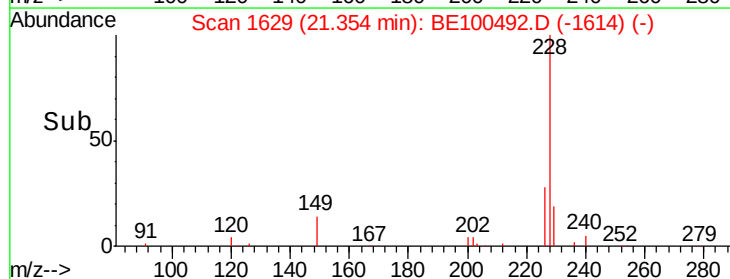
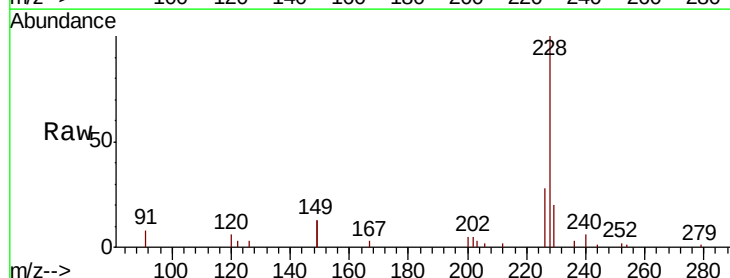
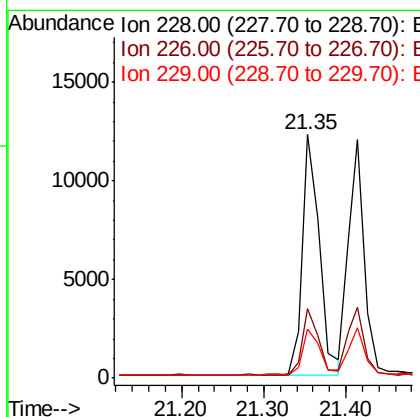
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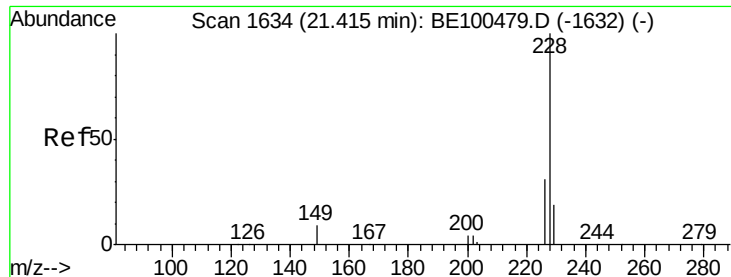
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.333 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BE100492.D
 Acq: 23 Jul 2019 9:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.4	32.2
229	20.3	17.3	25.9





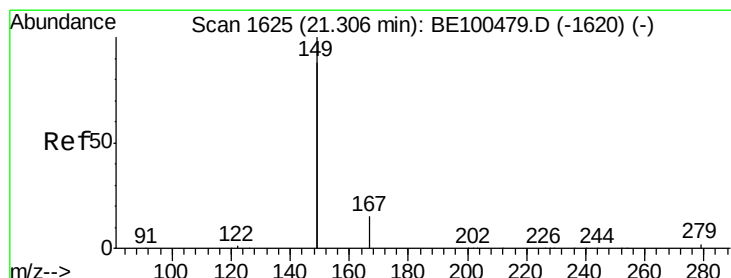
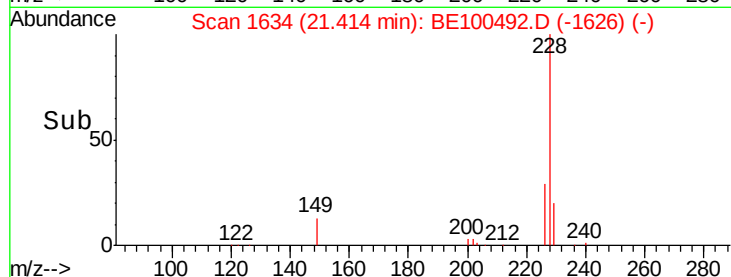
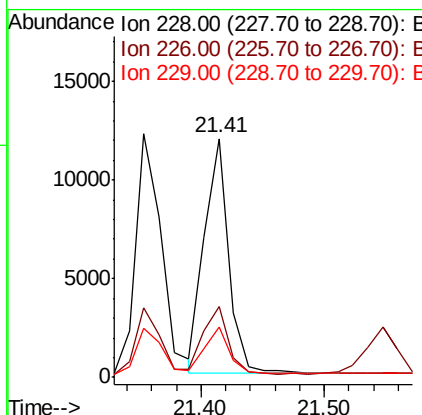
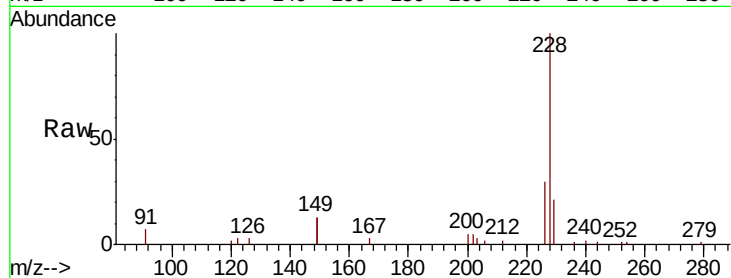
#31
Chrysene
Concen: 0.308 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.9	16.7	25.1

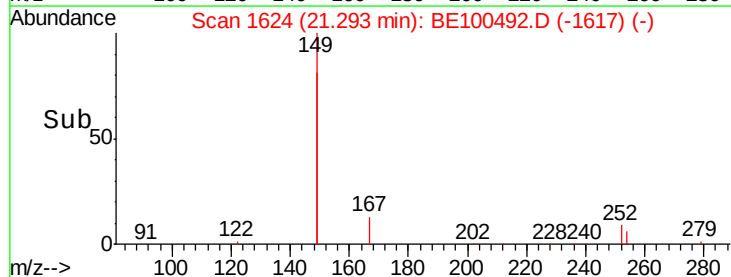
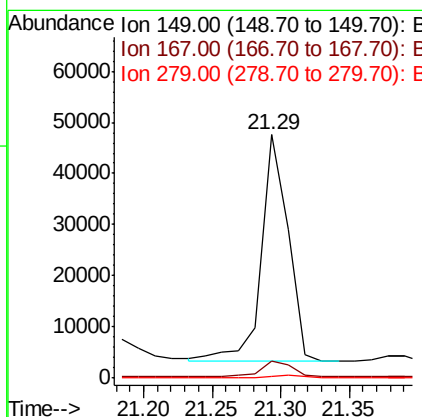
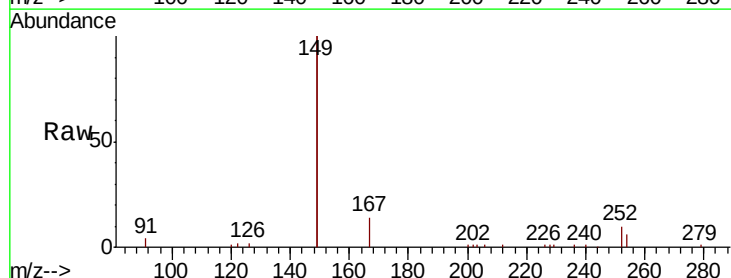
Manual Integrations
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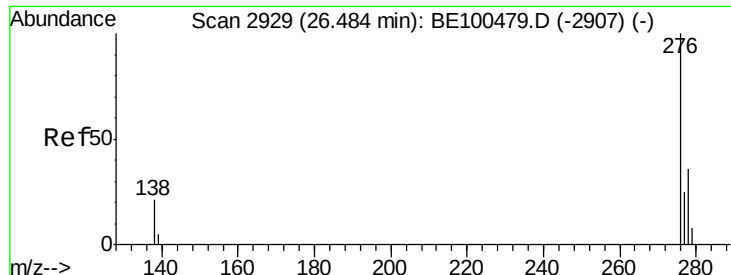
mohammad
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.492 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.9	8.9
279	1.0	1.0	1.6#





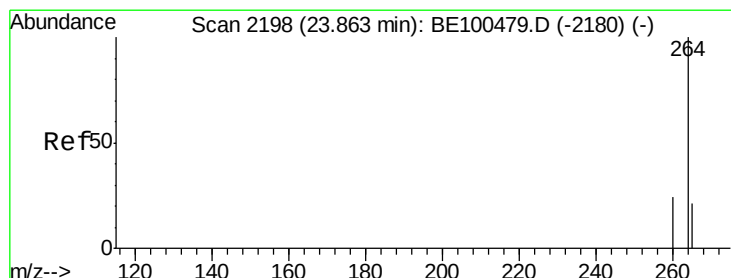
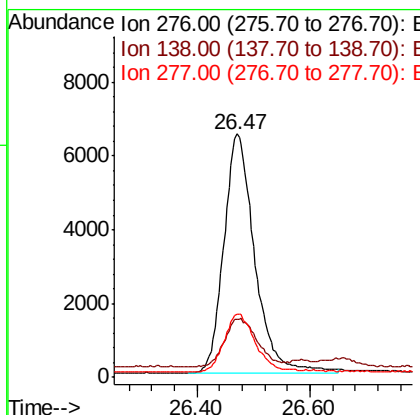
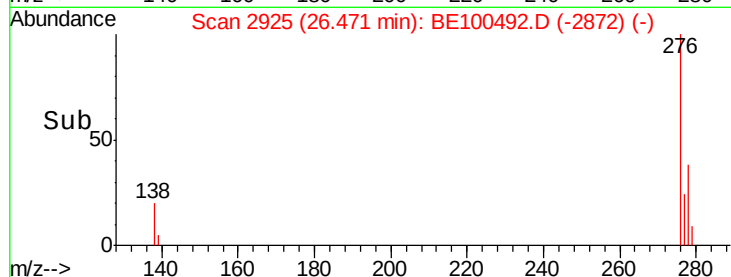
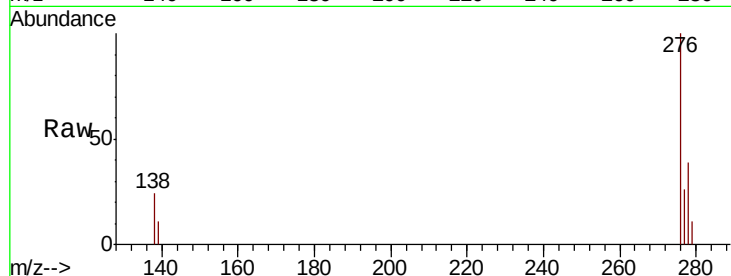
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.6	25.0
277	24.3	19.1	28.7

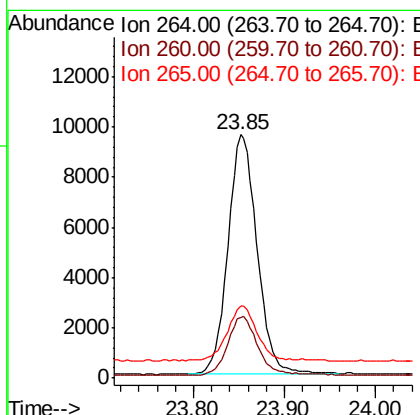
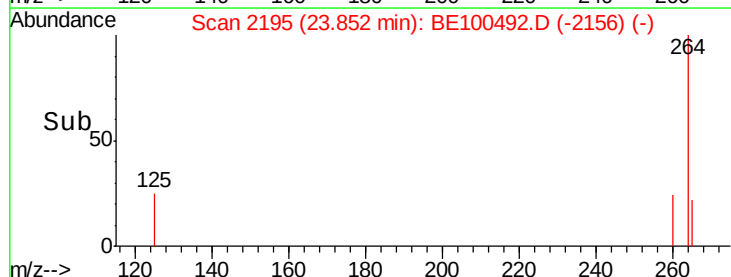
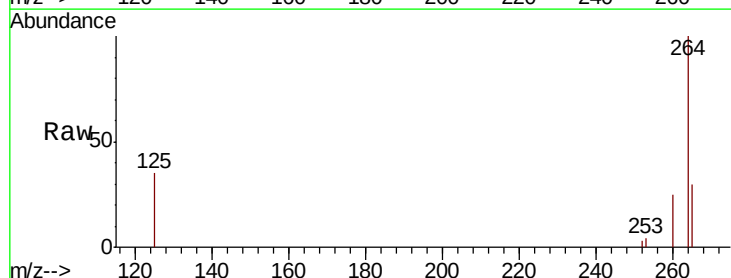
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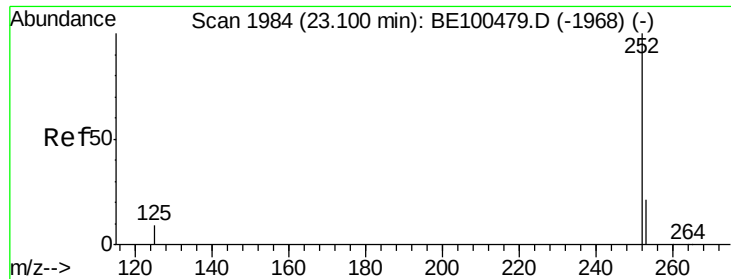
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.7	31.1
265	29.5	23.4	35.2





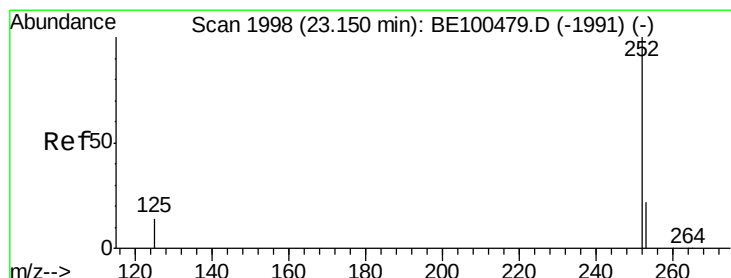
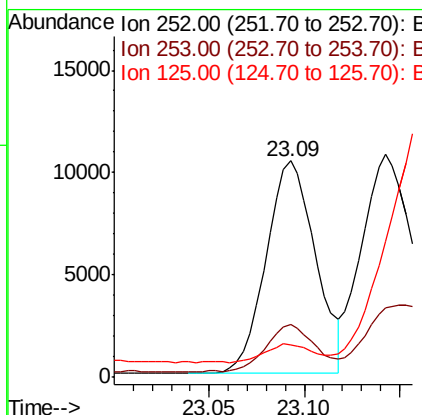
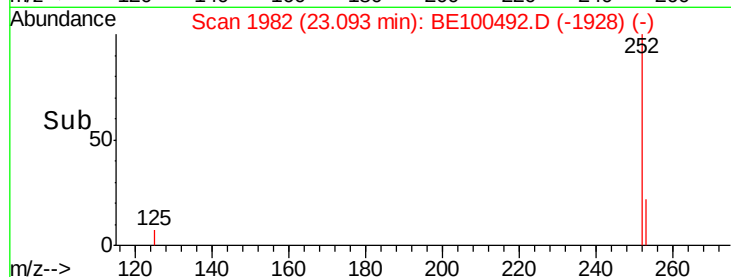
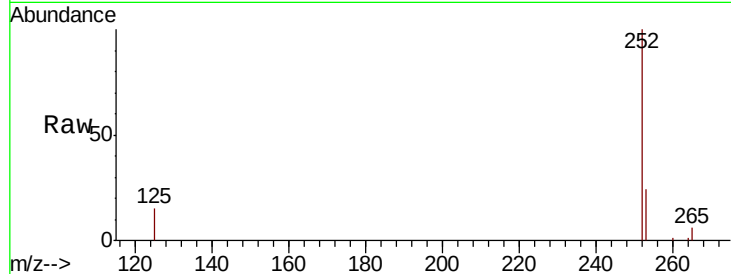
#35
Benzo(b)fluoranthene
Concen: 0.322 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Instrument :
BNA_E
ClientSampleId :
PB121536BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.2	28.8
125	15.1	11.9	17.9

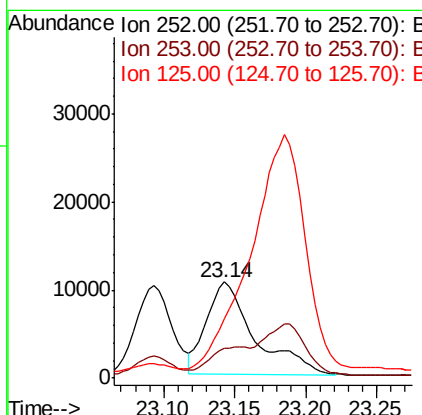
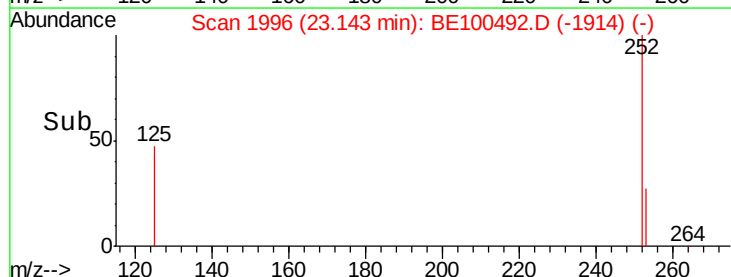
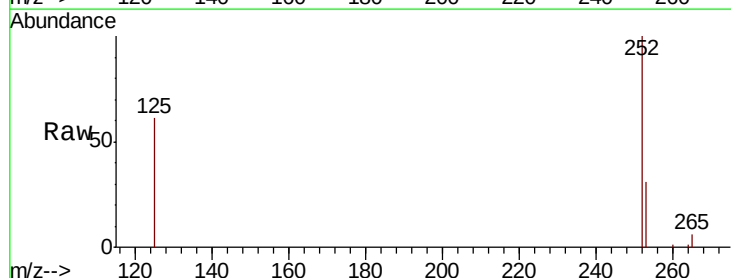
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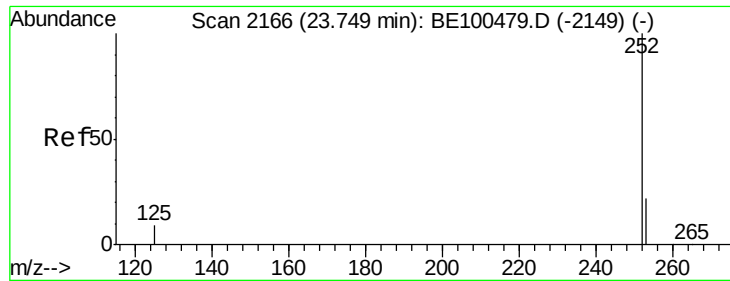
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#36
Benzo(k)fluoranthene
Concen: 0.405 ng m
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE100492.D
Acq: 23 Jul 2019 9:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.7	29.5#
125	61.0	15.2	22.8#





#37

Benzo(a)pyrene

Concen: 0.341 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Instrument :

BNA_E

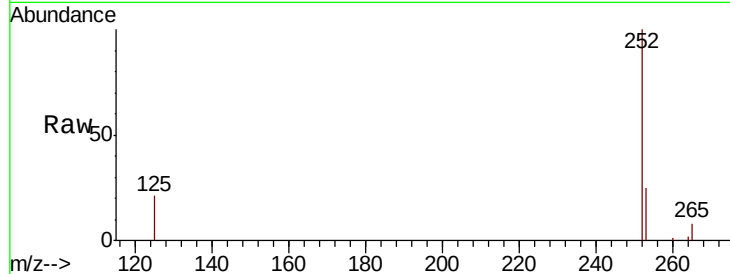
ClientSampleId :

PB121536BS

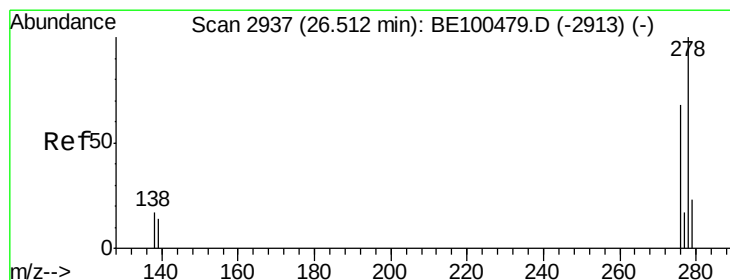
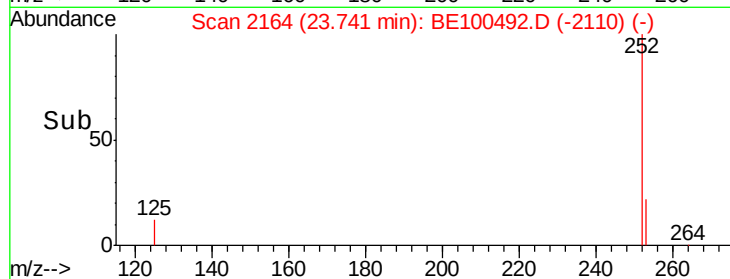
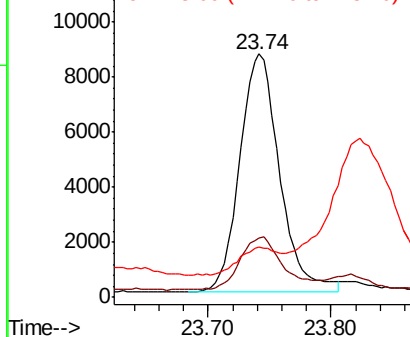
Tot Ion:	252	Resp:	19382
Ion Ratio	Lower	Upper	
252	100		
253	24.6	20.0	30.0
125	20.7	14.1	21.1

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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



#38

Dibenzo(a,h)anthracene

Concen: 0.377 ng

RT: 26.50 min Scan# 2932

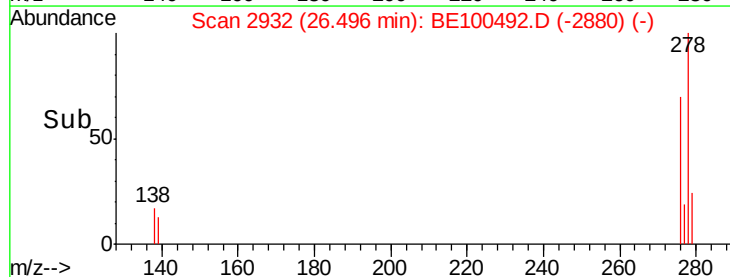
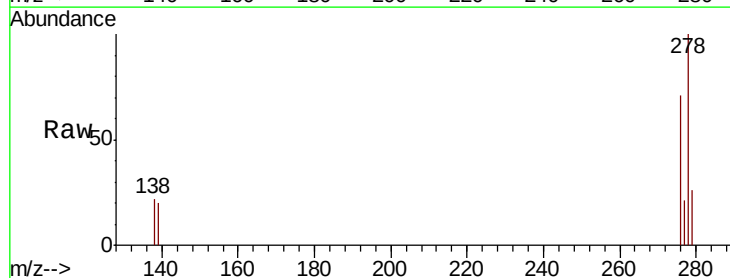
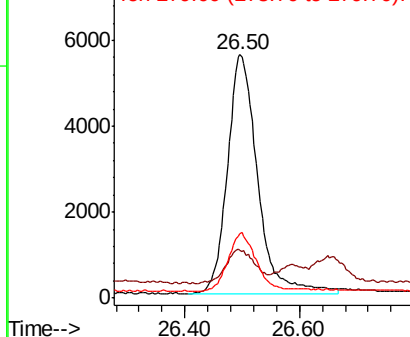
Delta R.T. -0.02 min

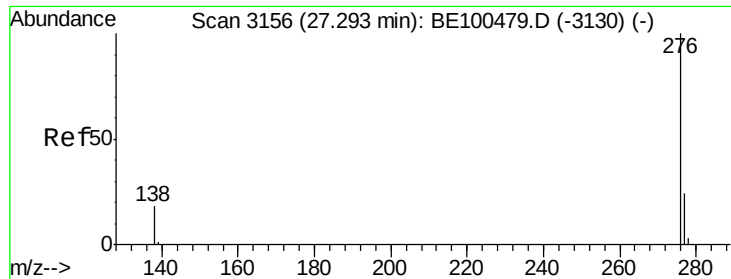
Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Tgt Ion:	278	Resp:	20216
Ion Ratio	Lower	Upper	
278	100		
139	19.8	16.8	25.2
279	26.3	21.8	32.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.383 ng

RT: 27.27 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BE100492.D

Acq: 23 Jul 2019 9:11

Instrument :

BNA_E

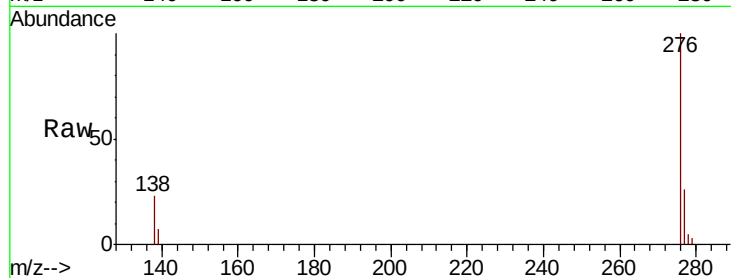
ClientSampleId :

PB121536BS

Tot Ion:	276	Resp:	21036
Ion Ratio	Lower	Upper	
276	100		
277	25.6	22.0	33.0
138	23.1	17.3	25.9

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

