

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
 Data File : BE100544.D
 Acq On : 23 Sep 2019 18:07
 Operator : HP/JU
 Sample : K4883-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW2-R2-1MSD

Manual Integrations
 APPROVED

mohammad
 9/24/2019 2:37:50 PM

Quant Time: Sep 23 18:46:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 18:26:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6564	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	27826	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	15059	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	29908	0.40	ng	0.00
27) Chrysene-d12	21.37	240	41357	0.40	ng	0.00
34) Perylene-d12	23.83	264	49068	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	3260	0.21	ng	0.00
5) Phenol-d6	7.01	99	2597	0.12	ng	-0.01
8) Nitrobenzene-d5	9.00	82	7365	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	17739m	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1120	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	24505	0.46	ng	0.00
25) Fluoranthene-d10	19.22	212	176978	0.50	ng	0.00
29) Terphenyl-d14	19.82	244	48907	0.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	1680	0.177	ng	# 78
3) n-Nitrosodimethylamine	3.66	42	1059	0.191	ng	# 95
6) bis(2-Chloroethyl)ether	7.28	93	8830	0.415	ng	86
9) Naphthalene	10.69	128	130145	0.451	ng	100
10) Hexachlorobutadiene	10.99	225	3589	0.389	ng	98
12) 2-Methylnaphthalene	12.31	142	19647	0.428	ng	99
16) Acenaphthylene	14.20	152	26987	0.435	ng	99
17) Acenaphthene	14.54	154	18200	0.435	ng	98
18) Fluorene	15.52	166	21585	0.412	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	6013	0.428	ng	99
21) Hexachlorobenzene	16.52	284	4644	0.379	ng	99
22) Pentachlorophenol	16.85	266	3070	1.135	ng	92
23) Phenanthrene	17.24	178	36268	0.435	ng	100
24) Anthracene	17.34	178	31422	0.448	ng	100
26) Fluoranthene	19.25	202	46985	0.468	ng	99
28) Pyrene	19.61	202	49859	0.419	ng	99
30) Benzo(a)anthracene	21.34	228	55576	0.503	ng	99
31) Chrysene	21.40	228	54482	0.433	ng	100
32) Bis(2-ethylhexyl)phthalate	21.28	149	116867	0.982	ng	100
33) Indeno(1,2,3-cd)pyrene	26.45	276	62156	0.444	ng	99
35) Benzo(b)fluoranthene	23.08	252	57722	0.435	ng	98
36) Benzo(k)fluoranthene	23.12	252	66896m	0.435	ng	
37) Benzo(a)pyrene	23.72	252	56933	0.460	ng	99
38) Dibenzo(a,h)anthracene	26.47	278	51079	0.396	ng	99
39) Benzo(g,h,i)perylene	27.25	276	55674	0.413	ng	99

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

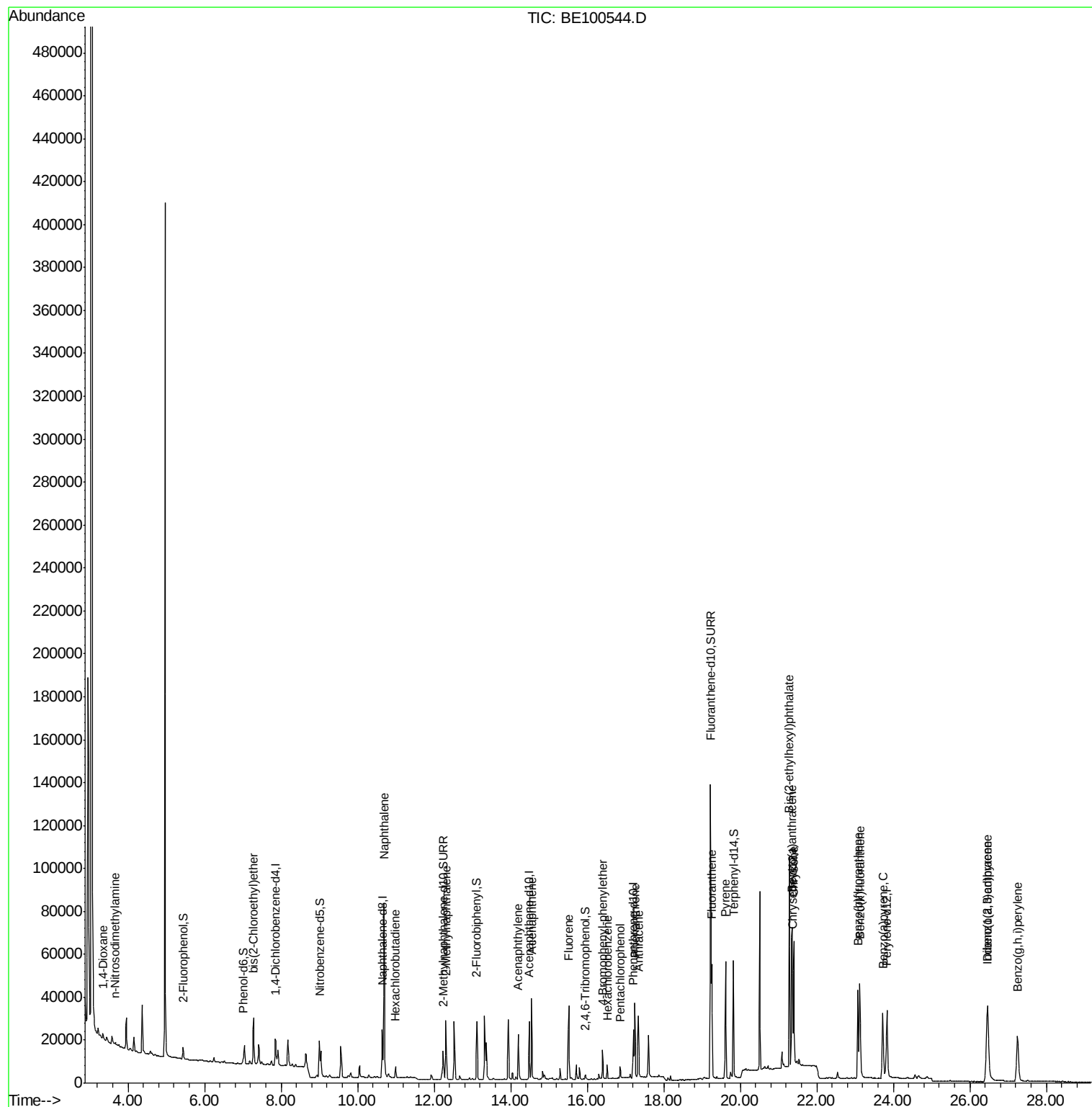
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
Data File : BE100544.D
Acq On : 23 Sep 2019 18:07
Operator : HP/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Instrument :

BNA_E

ClientSampleId :

MW2-R2-1MSD

Tot Ion:152 Resp: 6564

Ion Ratio Lower Upper

152 100

150 147.0 121.6 182.4

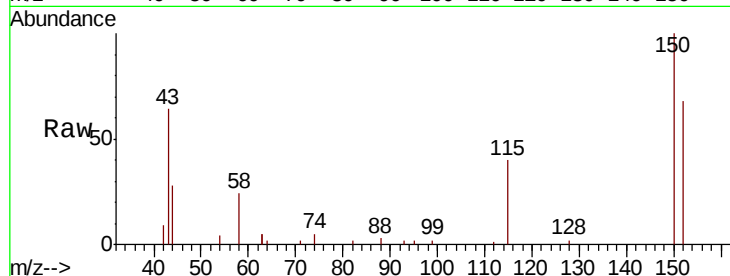
115 58.8 48.2 72.4

Manual Integrations

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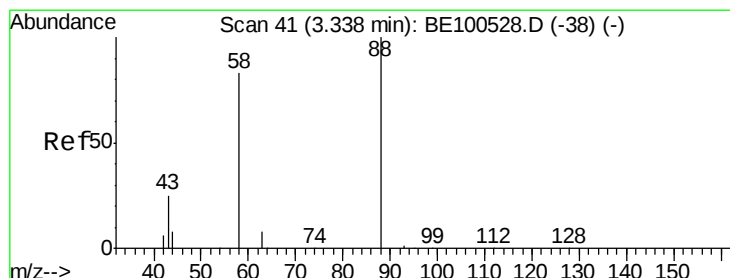
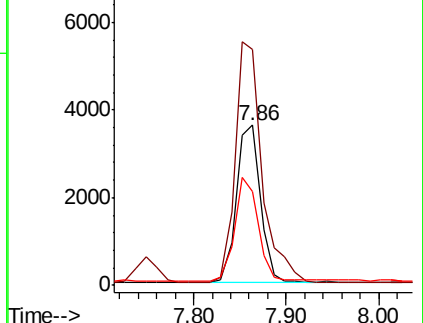
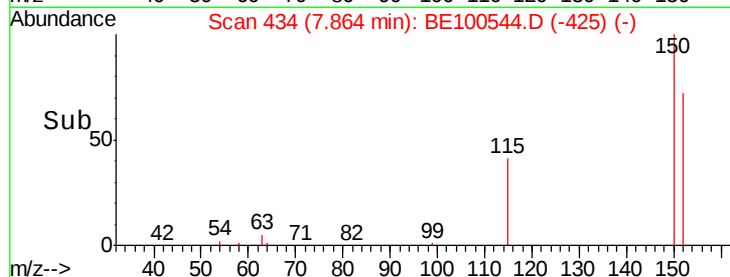
9/24/2019 2:37:50 PM



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: 0.177 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

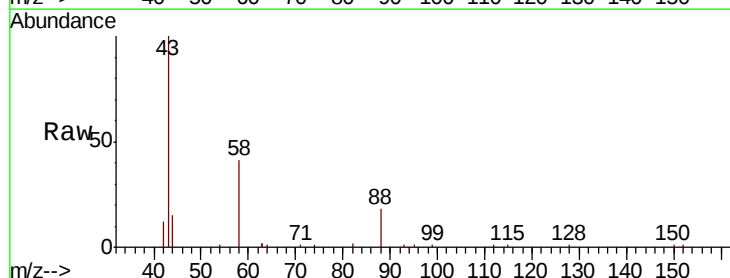
Tgt Ion: 88 Resp: 1680

Ion Ratio Lower Upper

88 100

58 78.2 53.3 79.9

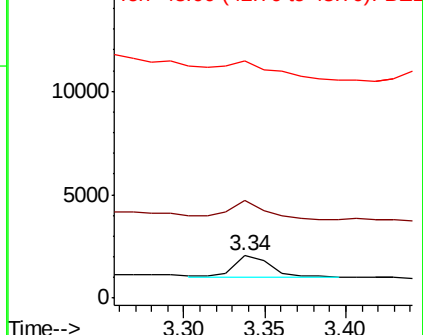
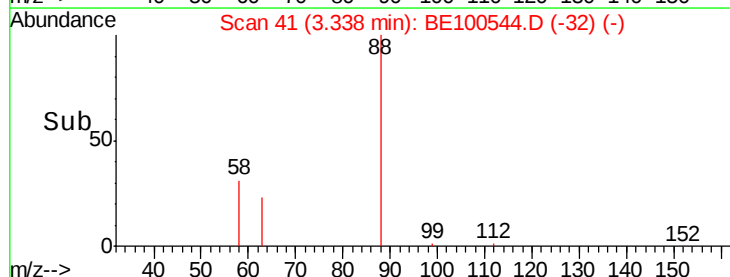
43 0.0 16.9 25.3#

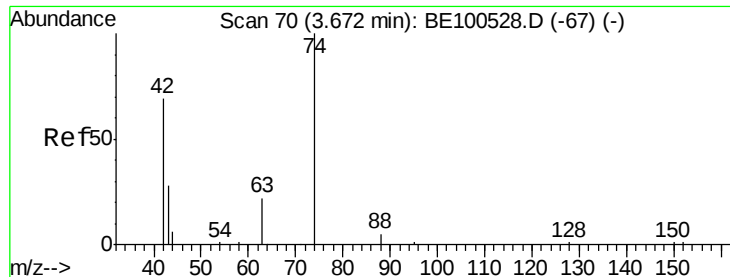


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.191 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Instrument :

BNA_E

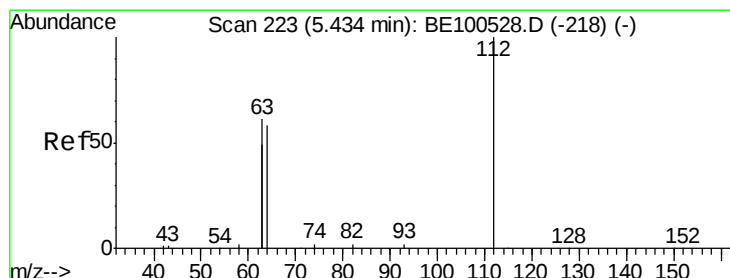
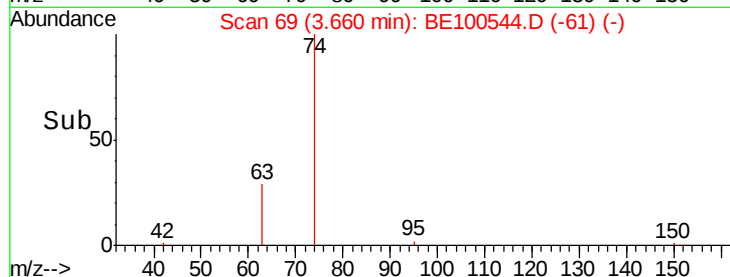
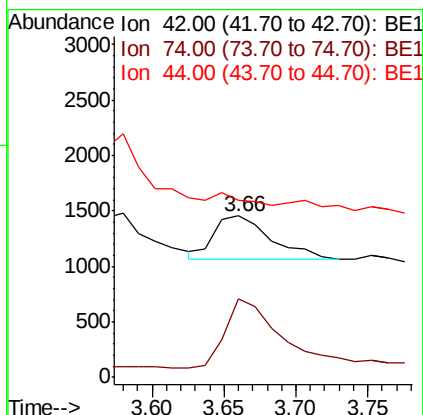
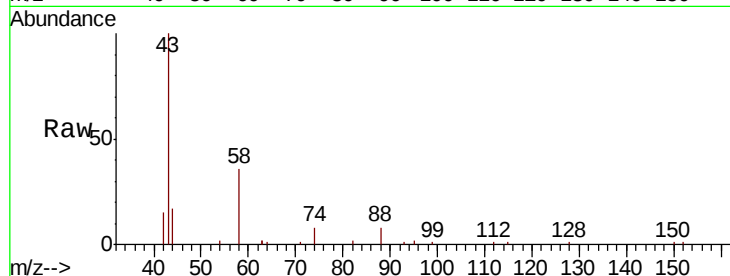
ClientSampleId :

MW2-R2-1MSD

Tot Ion:	42	Resp:	1059
Ion	Ratio	Lower	Upper
42	100		
74	161.6	133.8	200.6
44	0.0	6.4	9.6#

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#4

2-Fluorophenol

Concen: 0.212 ng

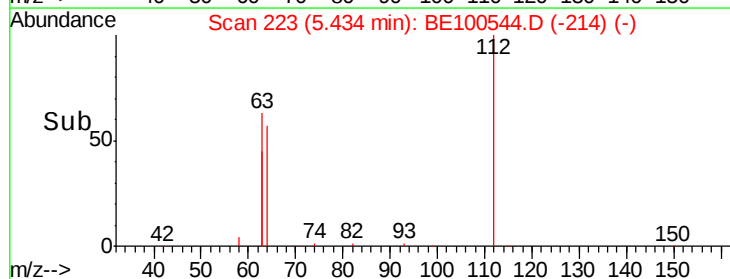
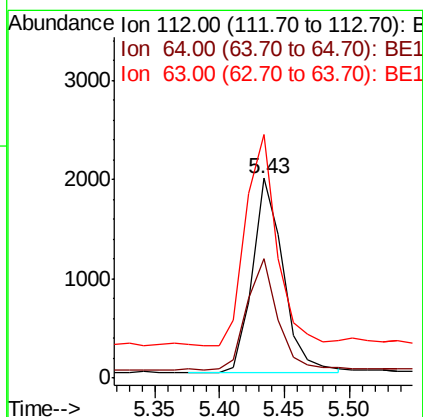
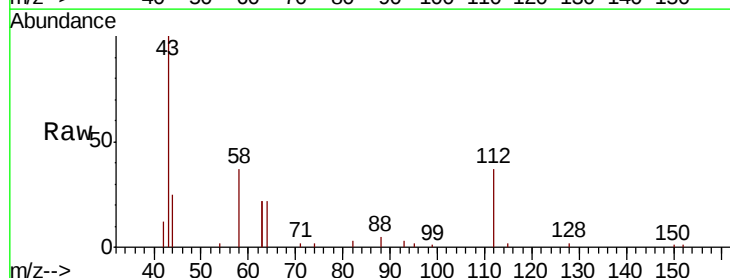
RT: 5.43 min Scan# 223

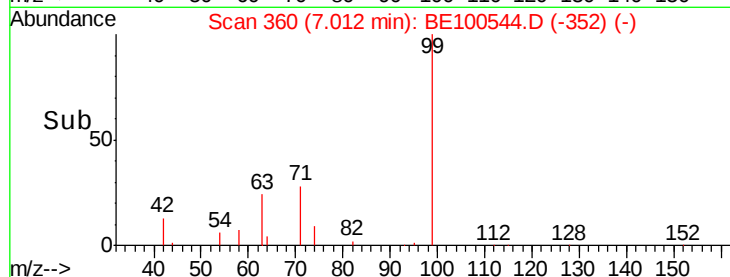
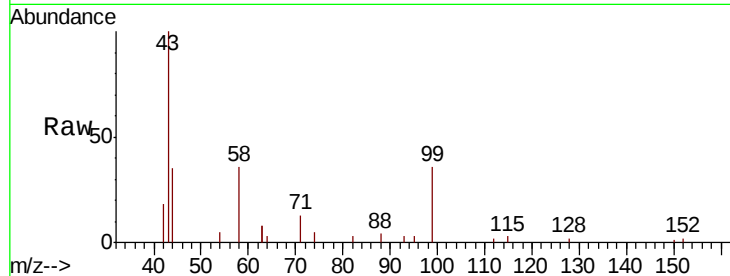
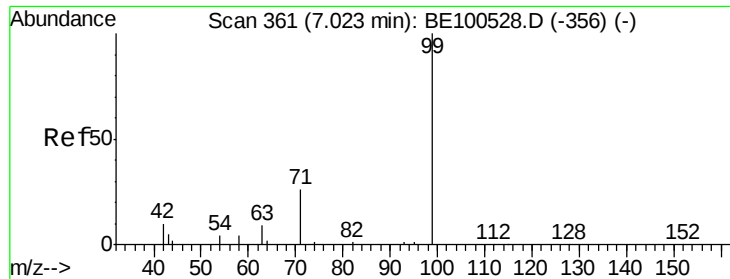
Delta R.T. -0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Tgt Ion:	112	Resp:	3260
Ion	Ratio	Lower	Upper
112	100		
64	56.6	44.1	66.1
63	109.7	86.5	129.7





#5

Phenol-d6

Concen: 0.123 ng

RT: 7.01 min Scan# 360

Delta R.T. -0.01 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Tot Ion:	99	Resp:	2597
Ion Ratio	Lower	Upper	
99	100		
42	31.2	13.0	19.6#
71	32.8	23.4	35.0

Instrument :

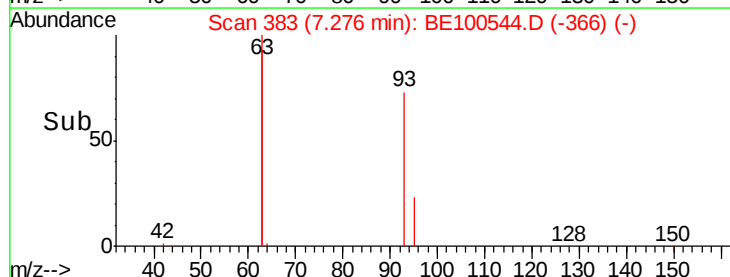
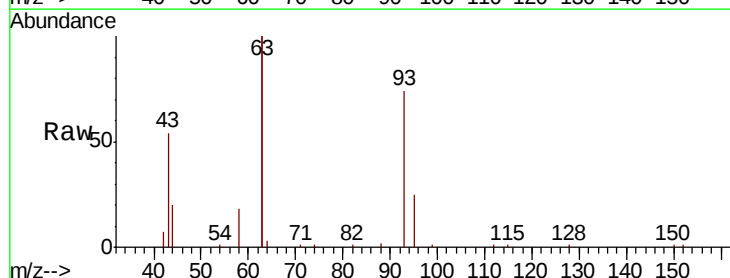
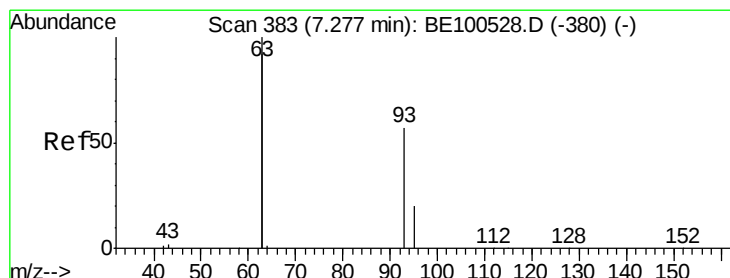
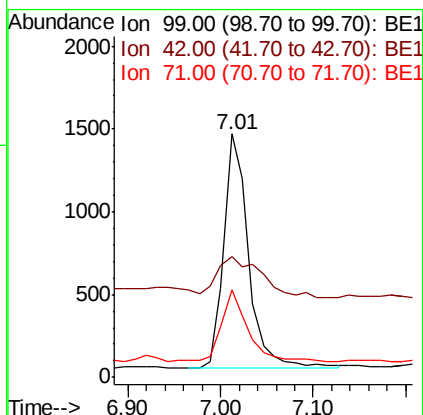
BNA_E

ClientSampleId :

MW2-R2-1MSD

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.415 ng

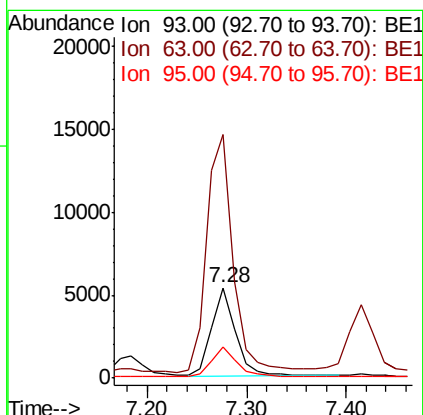
RT: 7.28 min Scan# 383

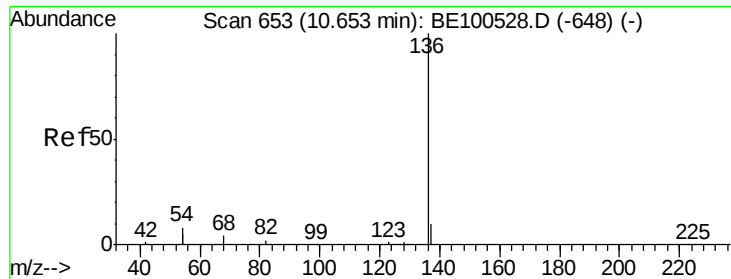
Delta R.T. -0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Tgt Ion:	93	Resp:	8830
Ion Ratio	Lower	Upper	
93	100		
63	294.4	213.4	320.0
95	33.4	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Instrument :

BNA_E

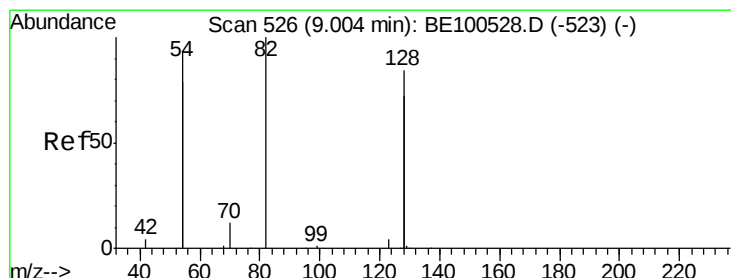
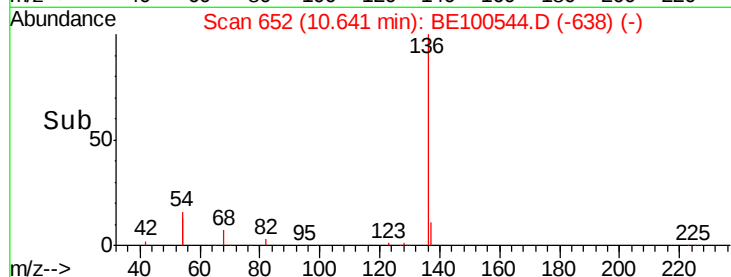
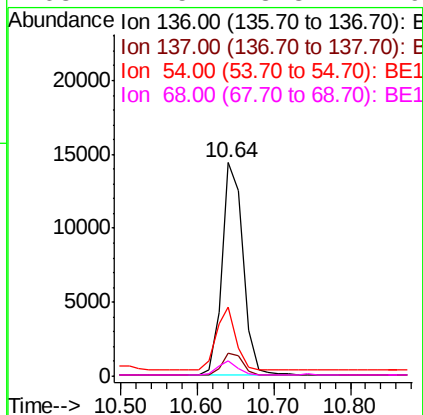
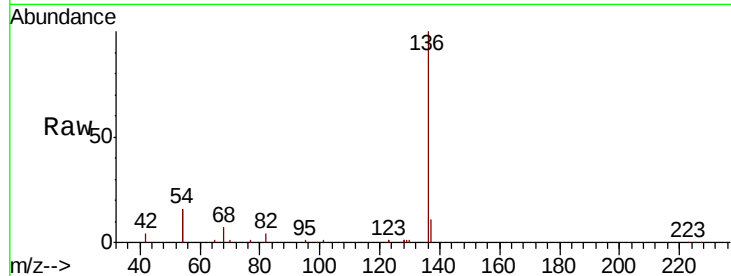
ClientSampleId :

MW2-R2-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.6	13.0	
54	32.2	12.4	18.6	
68	7.5	3.3	4.9	

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.459 ng

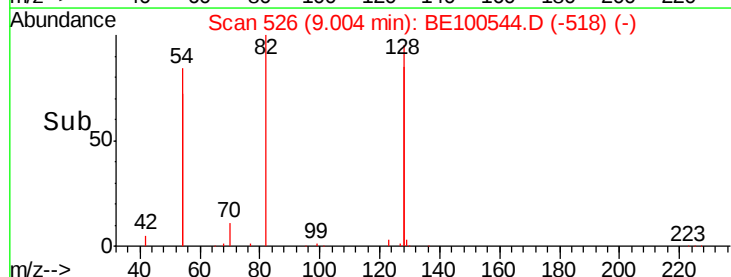
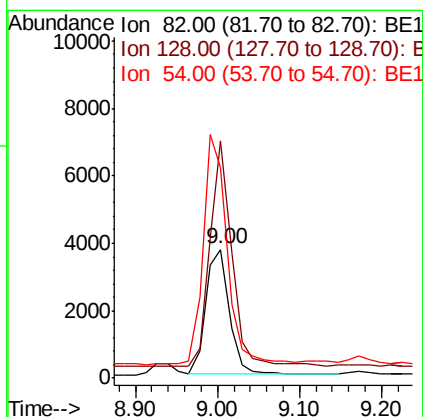
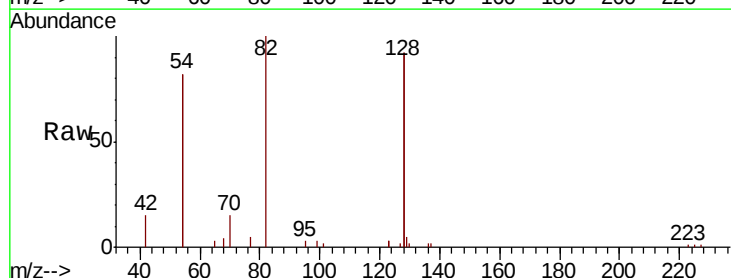
RT: 9.00 min Scan# 526

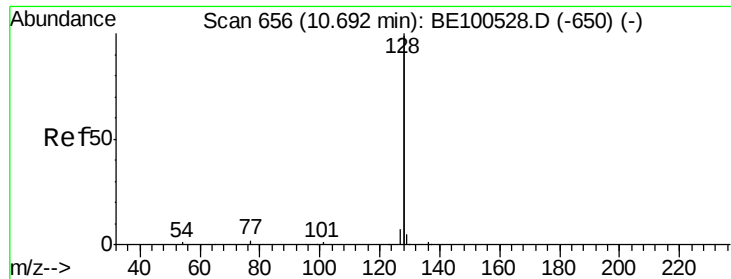
Delta R.T. 0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	184.8	129.4	194.2	
54	163.2	143.3	214.9	





#9

Naphthalene

Concen: 0.451 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Instrument :

BNA_E

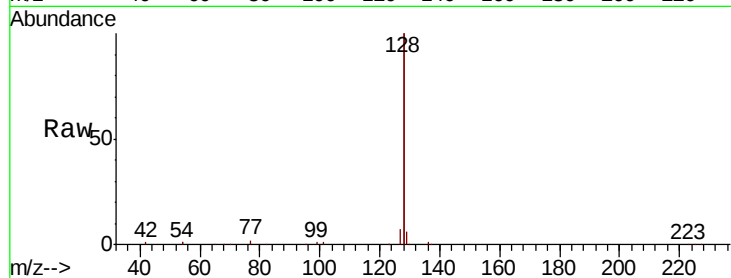
ClientSampleId :

MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.3	2.7	4.1

Manual Integrations
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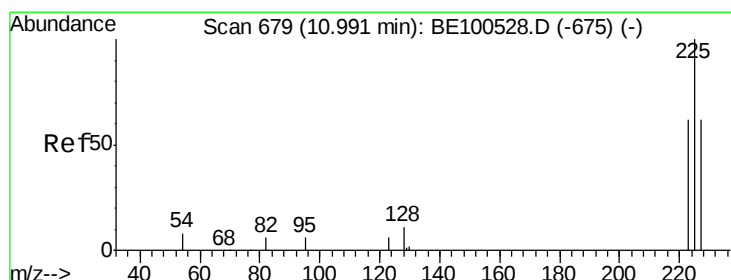
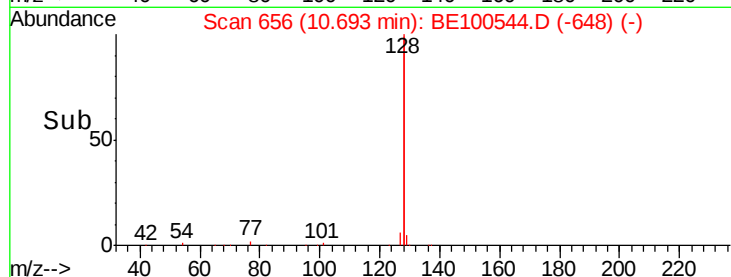
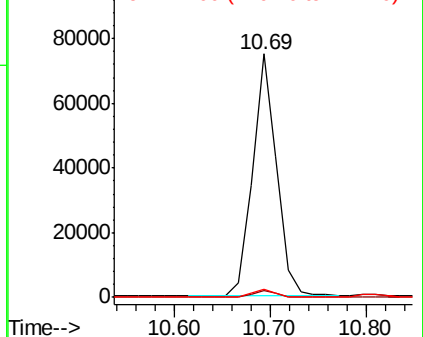


Abundance

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: 0.389 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

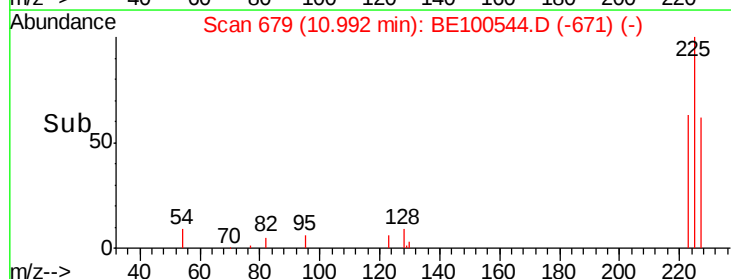
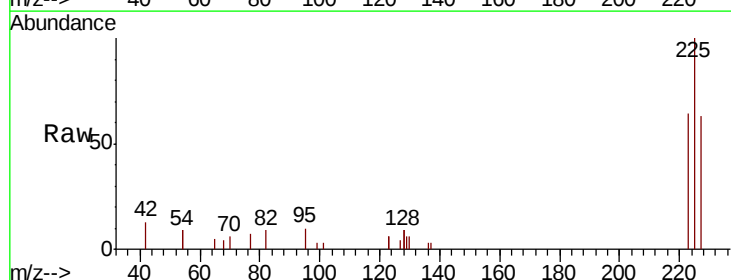
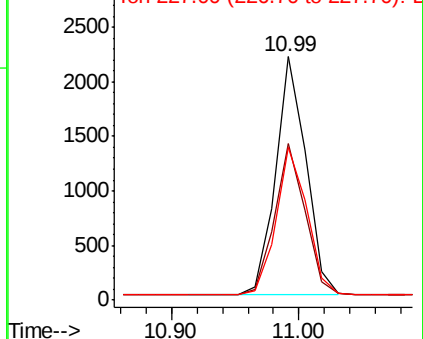
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	63.2	51.4	77.2

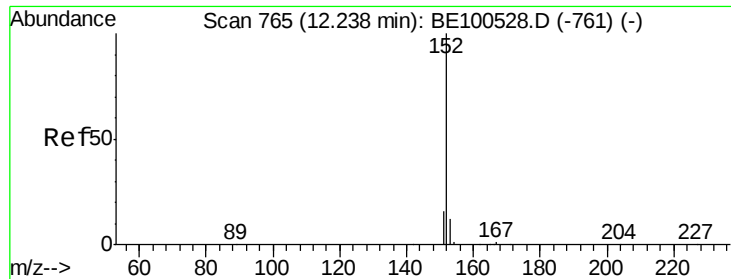
Abundance

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





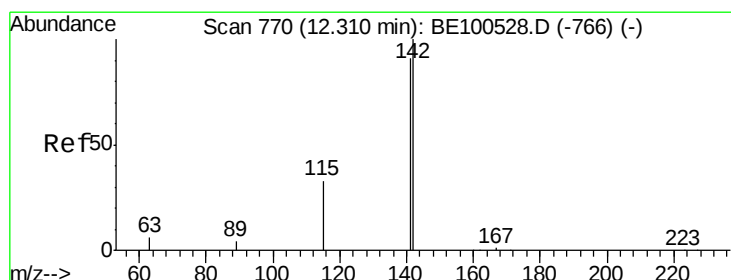
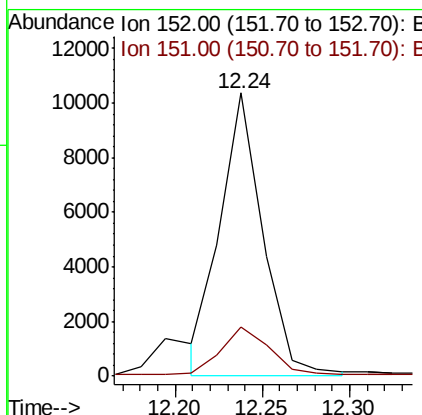
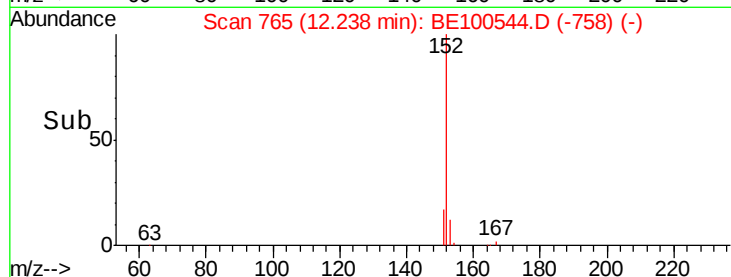
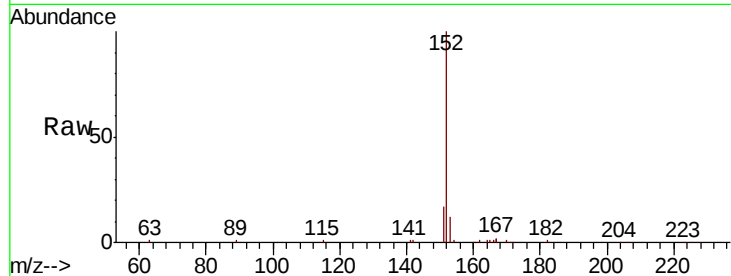
#11
 2-Methylnaphthalene-d10
 Concen: 0.426 ng m
 RT: 12.24 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE100544.D
 Acq: 23 Sep 2019 18:07

Instrument :
 BNA_E
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9

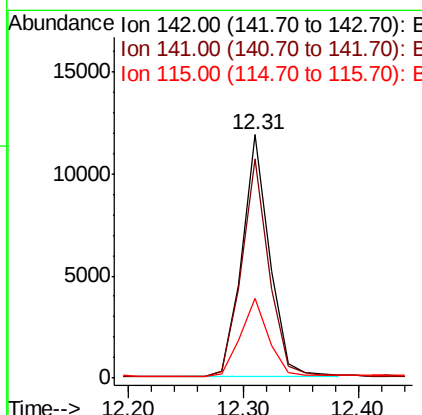
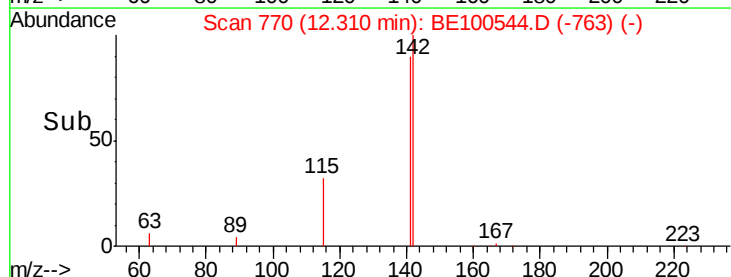
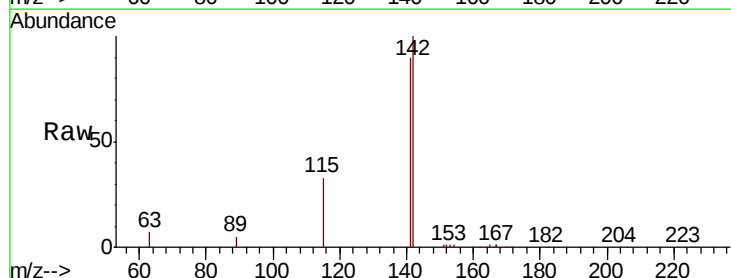
Manual Integrations
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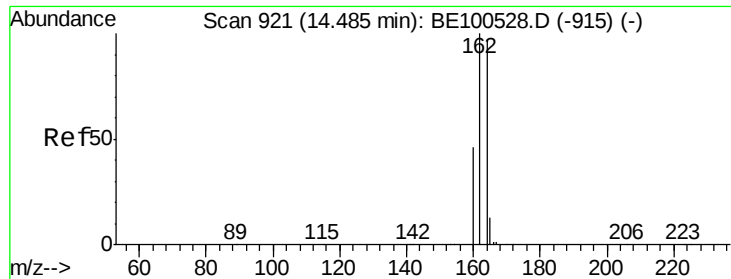
mohammad
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#12
 2-Methylnaphthalene
 Concen: 0.428 ng
 RT: 12.31 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BE100544.D
 Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.5	108.7
115	32.7	27.2	40.8





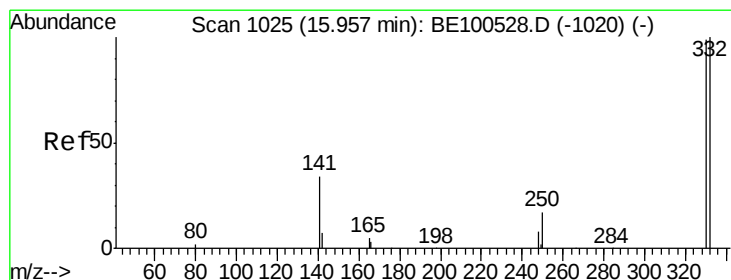
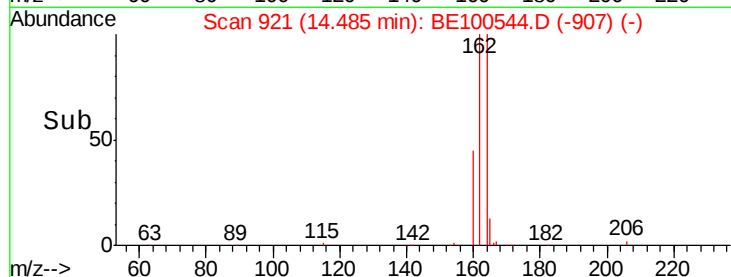
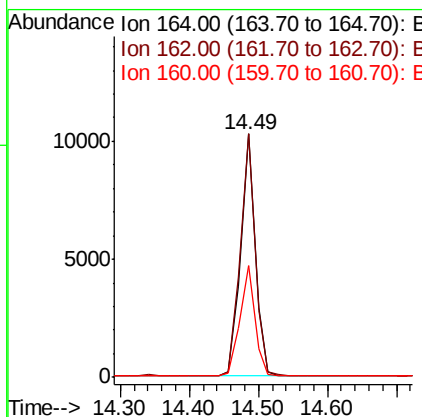
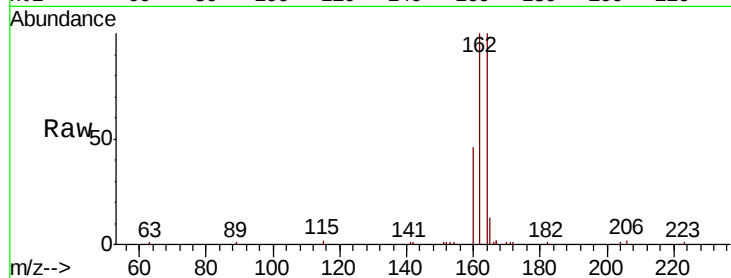
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Instrument :
BNA_E
ClientSampled :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.1	123.1
160	45.7	37.6	56.4

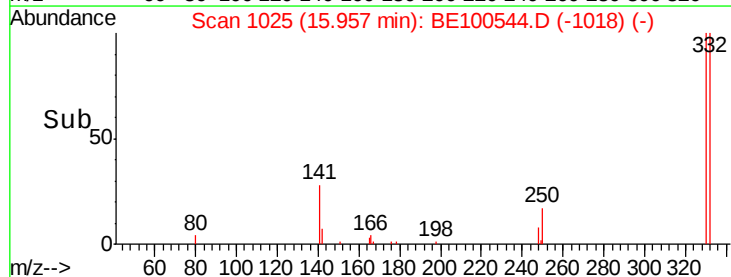
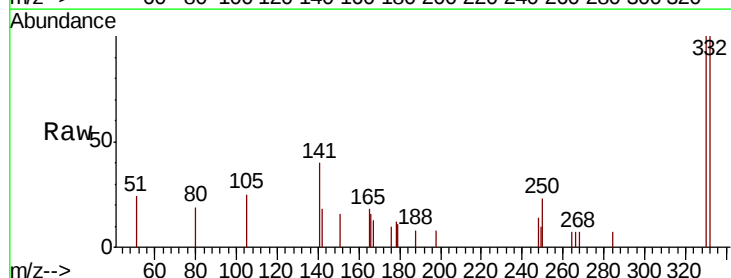
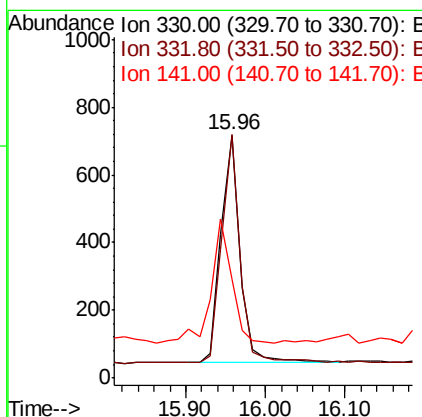
Manual Integrations
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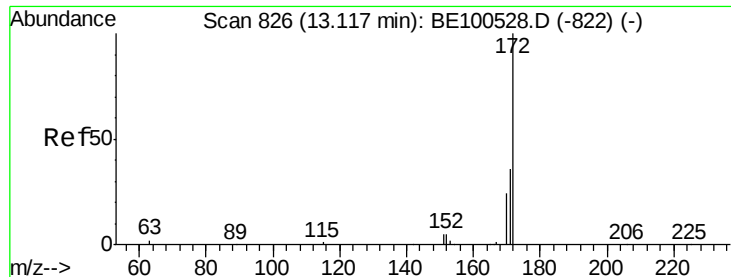
mohammad
9/24/2019 2:37:50 PM



#14
2,4,6-Tribromophenol
Concen: 0.460 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.5	113.3
141	57.0	42.3	63.5





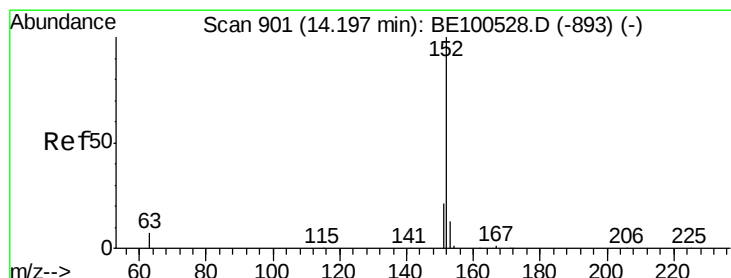
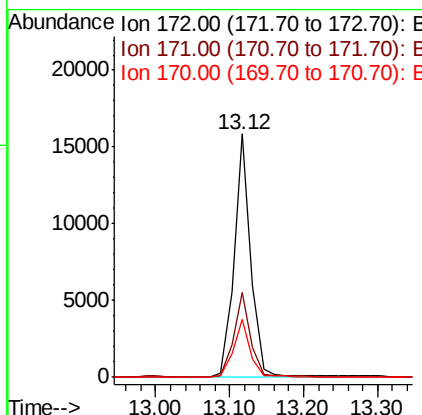
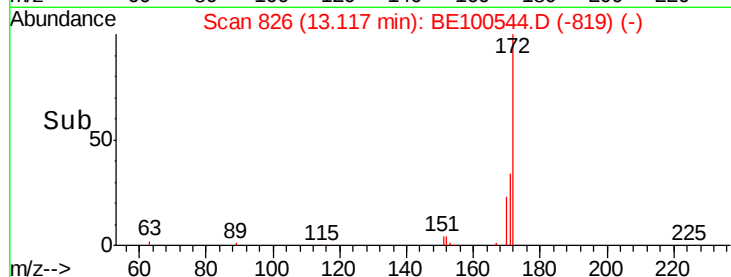
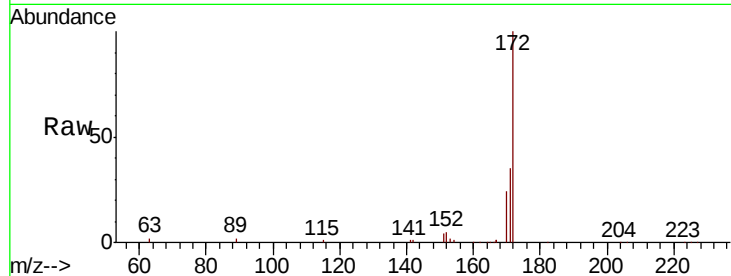
#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Instrument :
BNA_E
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	23.7	19.4	29.0

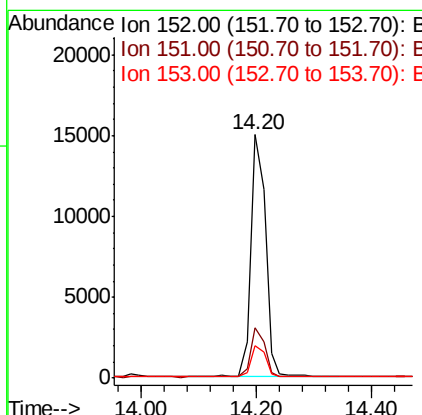
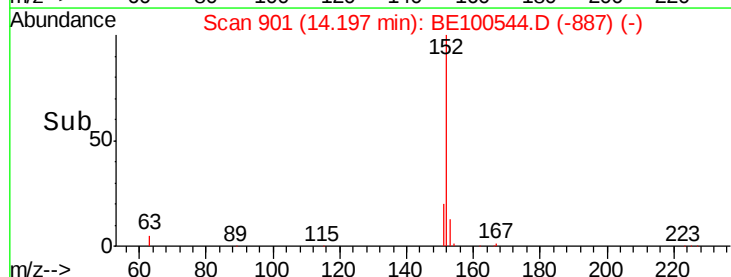
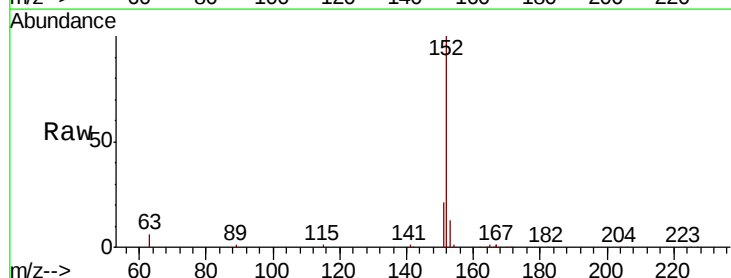
Manual Integrations
APPROVED

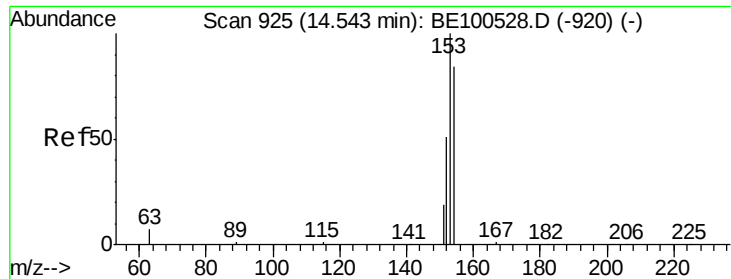
mohammad
9/24/2019 2:37:50 PM



#16
Acenaphthylene
Concen: 0.435 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.0	10.7	16.1





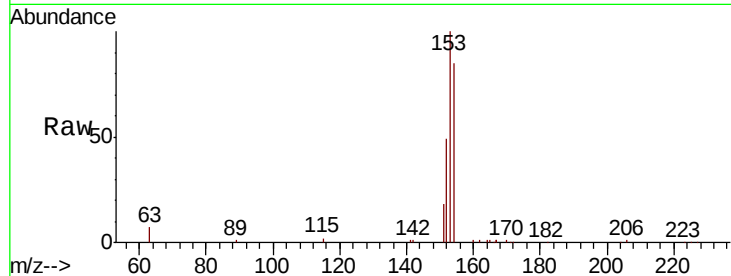
#17
Acenaphthene
Concen: 0.435 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Instrument :
BNA_E
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	93.7	140.5
152	56.7	47.3	70.9

Manual Integrations
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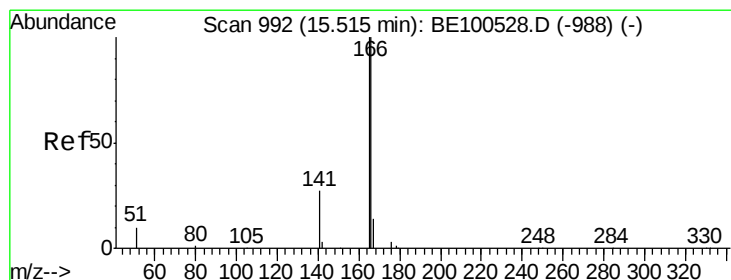
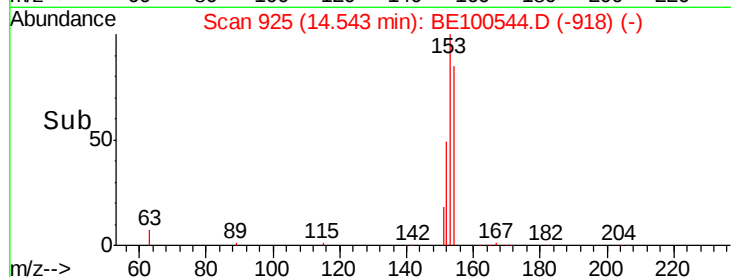
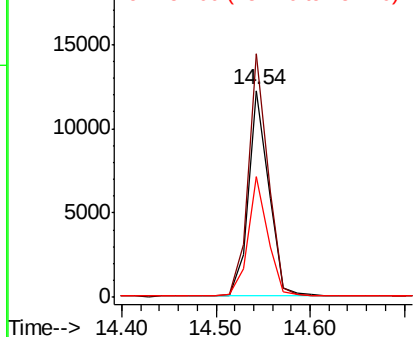


Abundance

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: 0.412 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

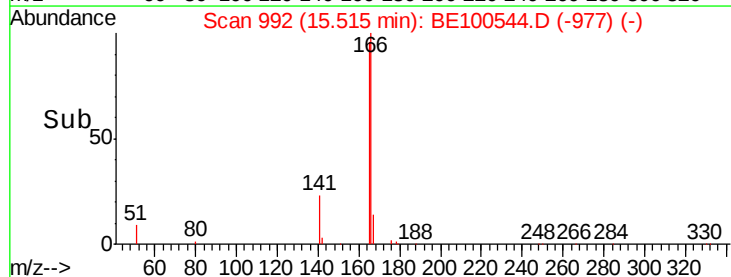
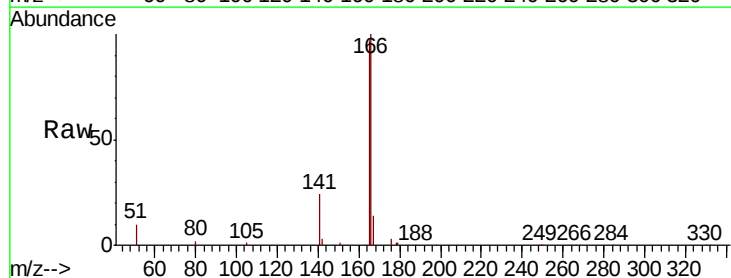
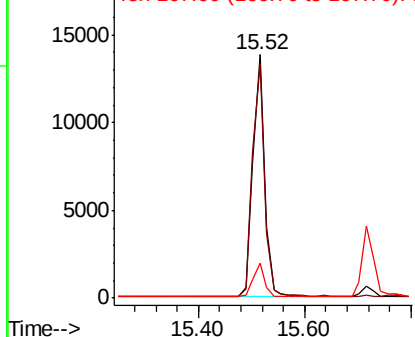
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.1	120.1
167	13.5	10.9	16.3

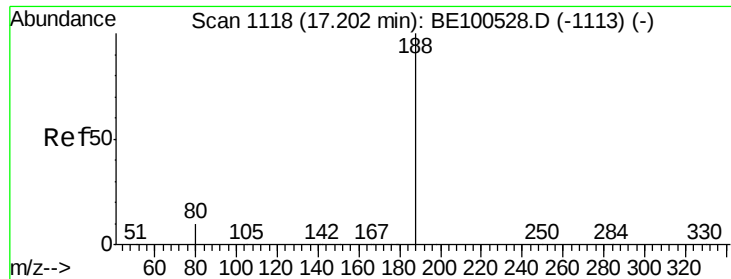
Abundance

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: BE100544.D

Acq: 23 Sep 2019 18:07

Instrument :

BNA_E

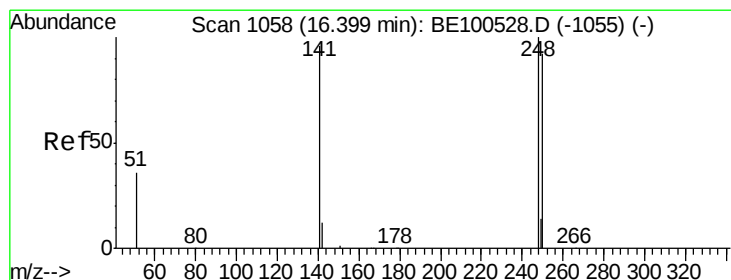
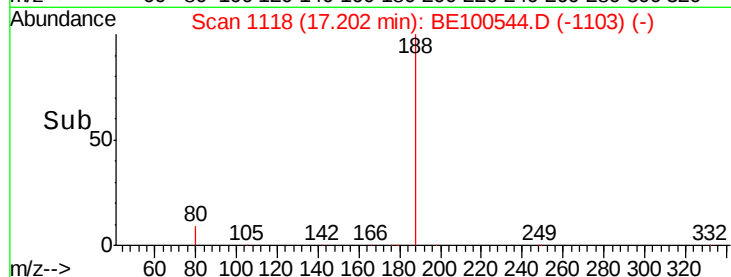
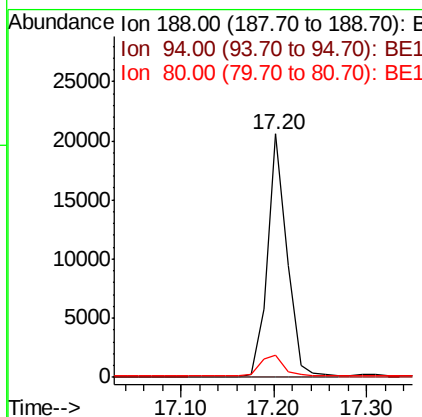
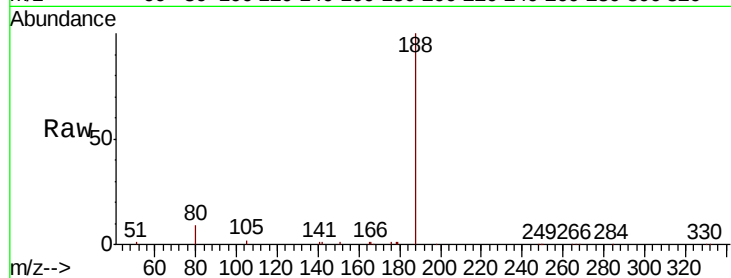
ClientSampleId :

MW2-R2-1MSD

Tot Ion:	188	Resp:	29908
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.2	8.0	12.0

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 0.428 ng

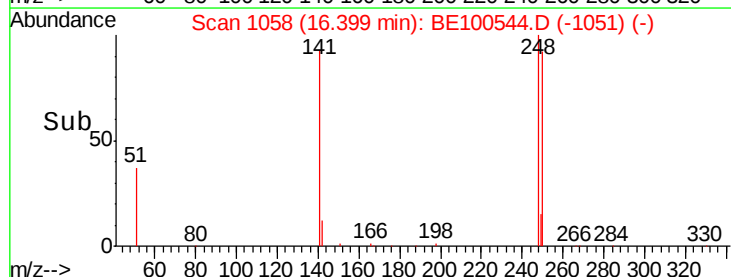
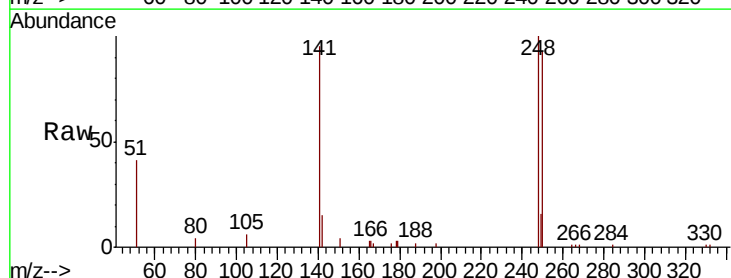
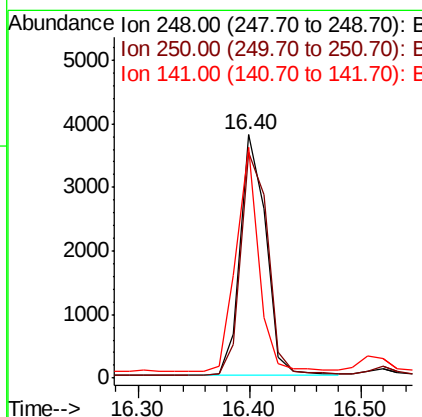
RT: 16.40 min Scan# 1058

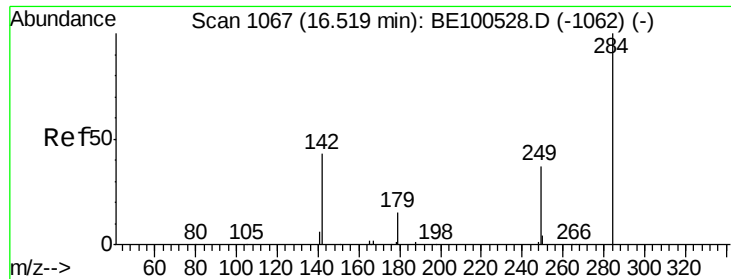
Delta R.T. 0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Tgt Ion:	248	Resp:	6013
Ion Ratio	Lower	Upper	
248	100		
250	92.5	73.5	110.3
141	94.5	77.0	115.4





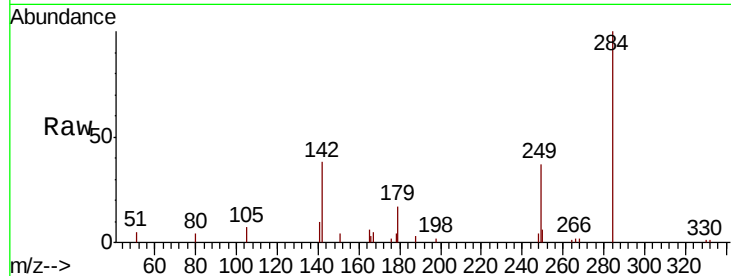
#21
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Instrument :
BNA_E
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	48.2	39.0	58.6
249	34.4	28.2	42.2

Manual Integrations
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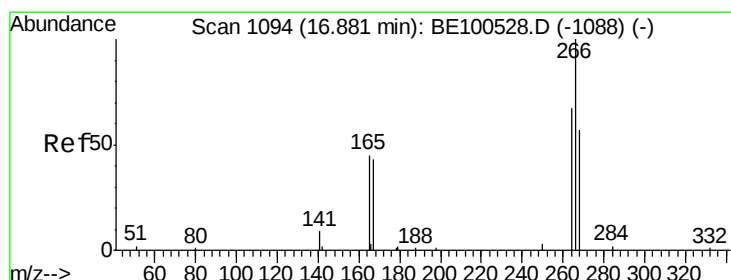
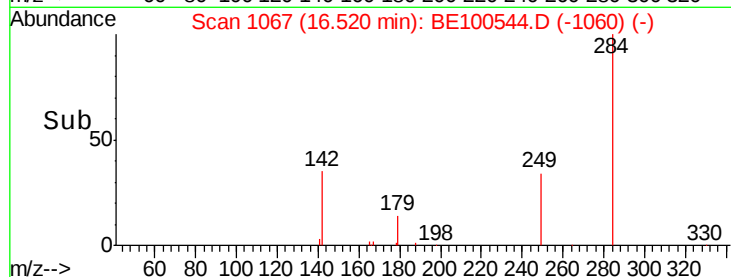
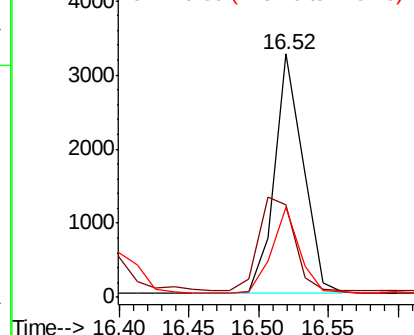


Abundance

Ion 283.80 (283.50 to 284.50): E

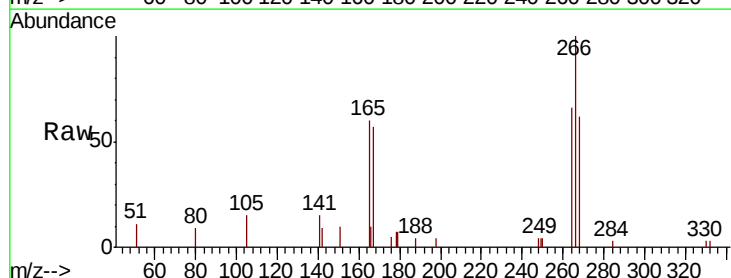
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 1.135 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.03 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.8	57.6	86.4
268	62.0	55.1	82.7

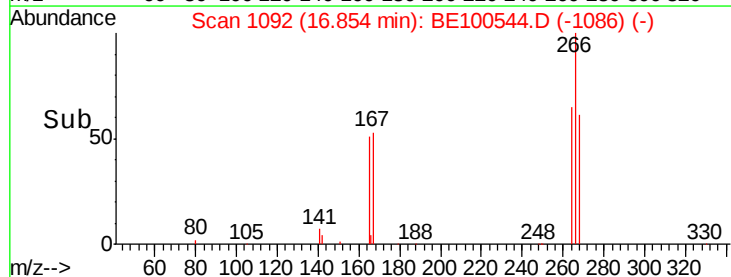
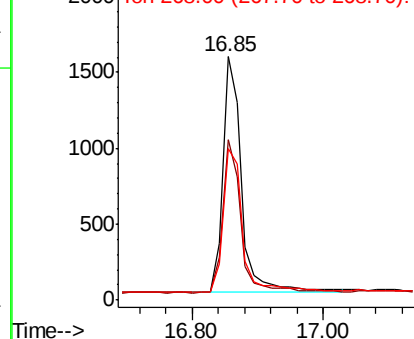


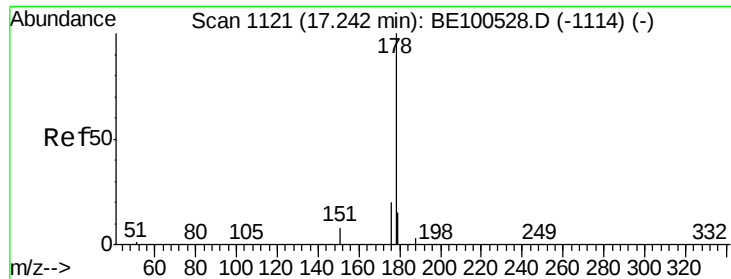
Abundance

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





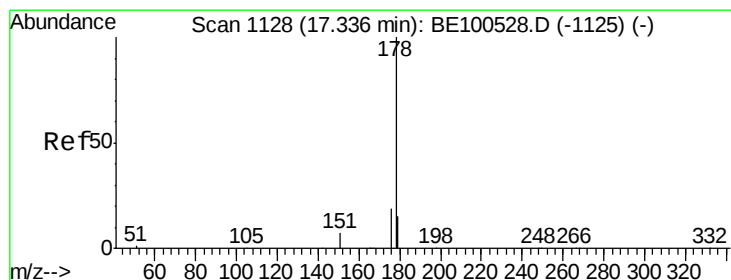
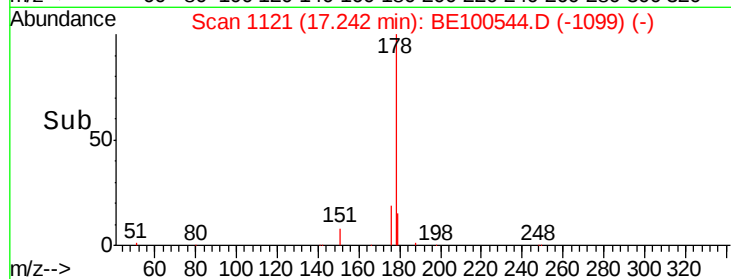
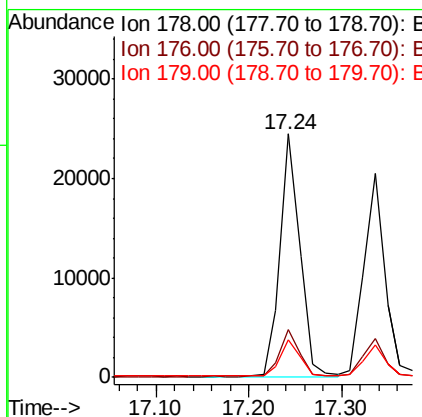
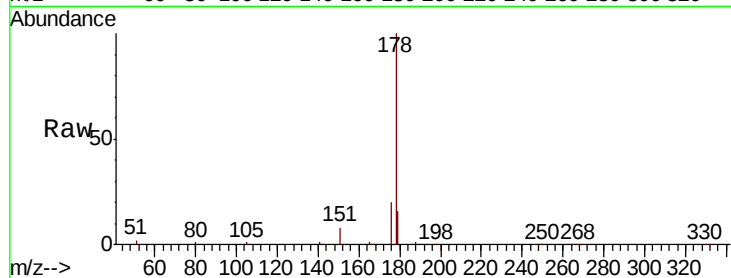
#23
Phenanthrene
Concen: 0.435 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Instrument :
BNA_E
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	18.8

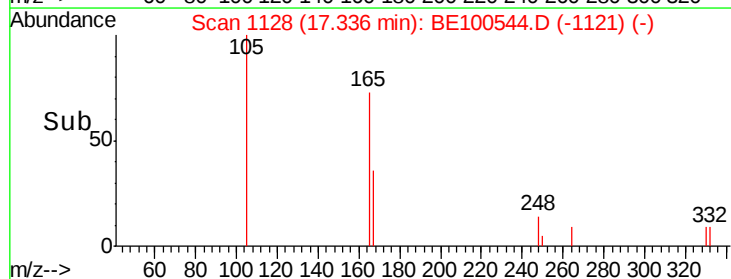
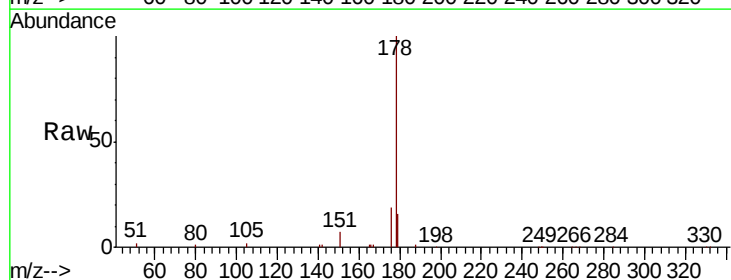
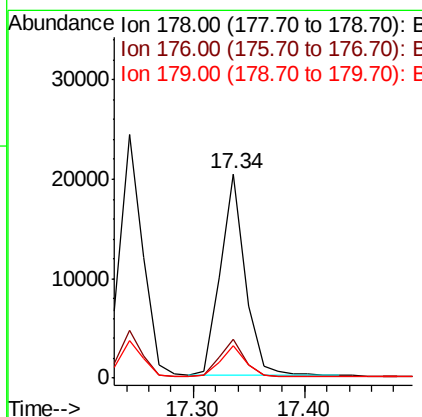
Manual Integrations
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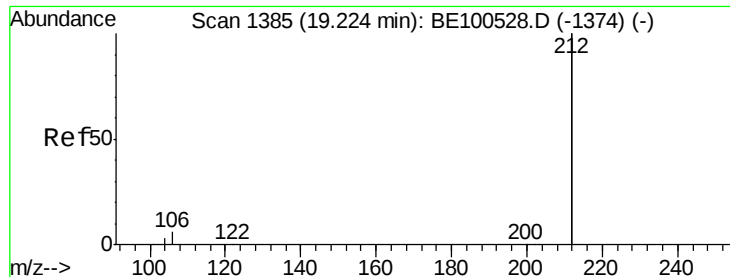
mohammad
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#24
Anthracene
Concen: 0.448 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.4	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.497 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Instrument :

BNA_E

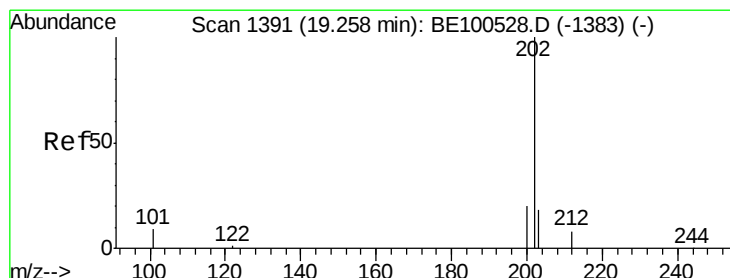
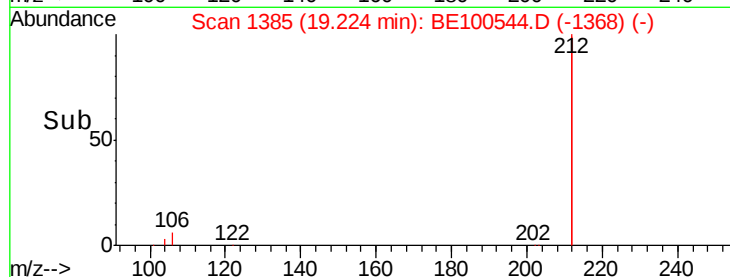
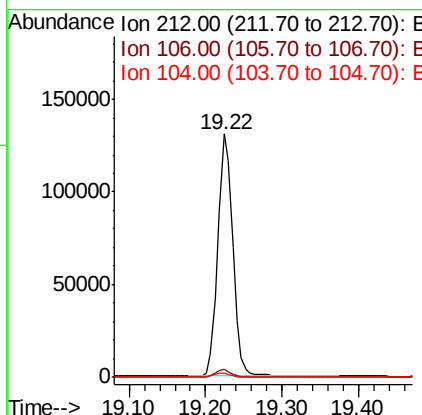
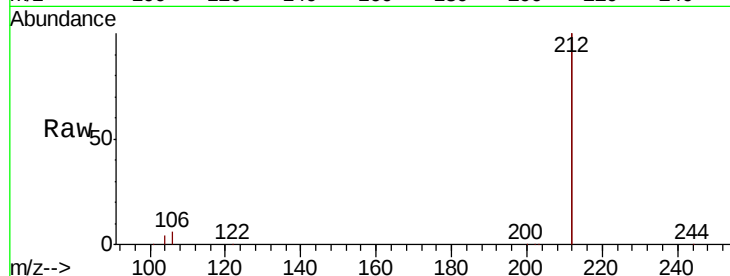
ClientSampleId :

MW2-R2-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
212	100	176978		
106	3.1		2.3	3.5
104	1.8		1.3	1.9

Manual Integrations
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#26

Fluoranthene

Concen: 0.468 ng

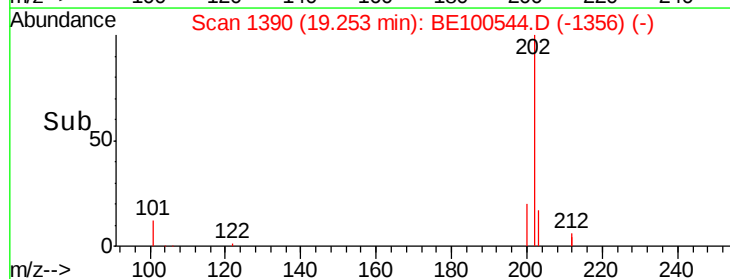
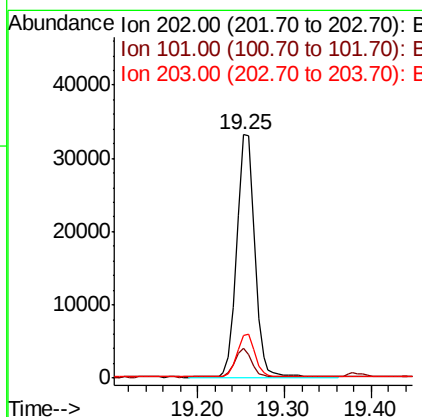
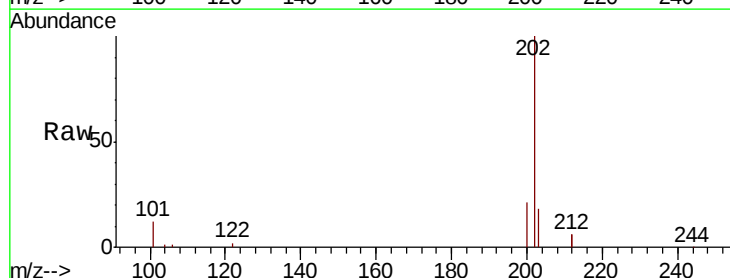
RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	46985		
101	11.3		8.8	13.2
203	17.6		13.7	20.5





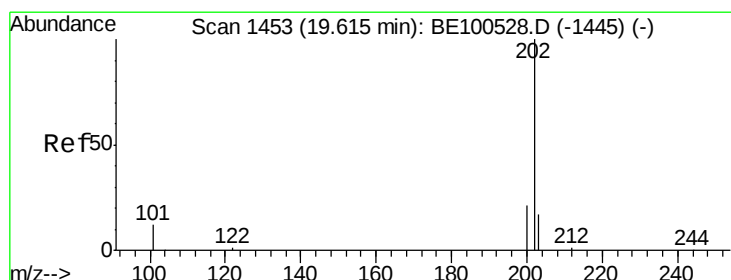
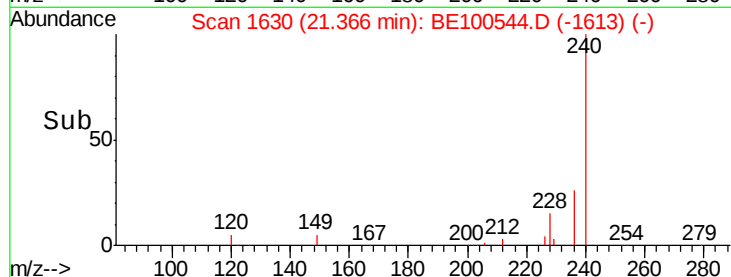
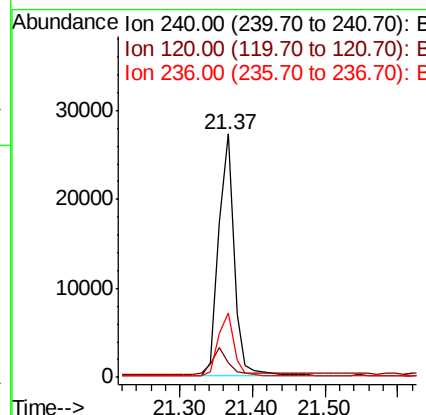
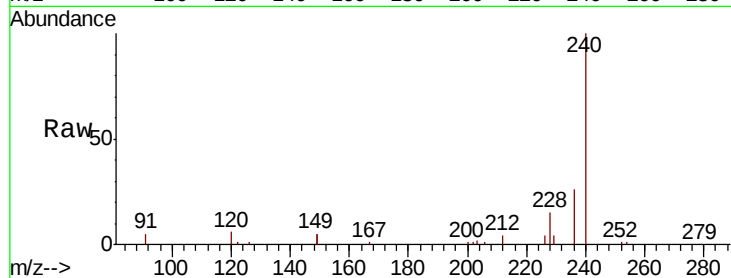
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE100544.D
 Acq: 23 Sep 2019 18:07

Instrument :
 BNA_E
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.5	6.7
236	26.4	20.6	30.8

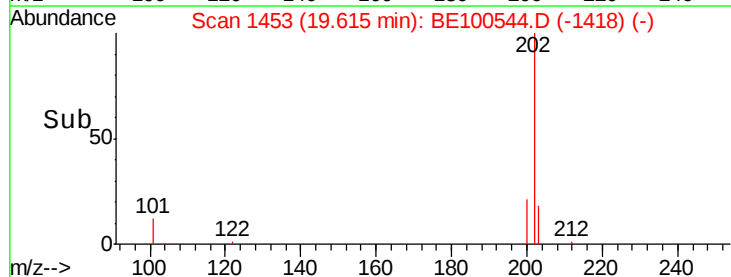
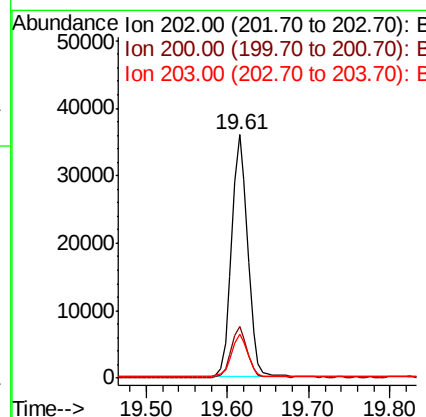
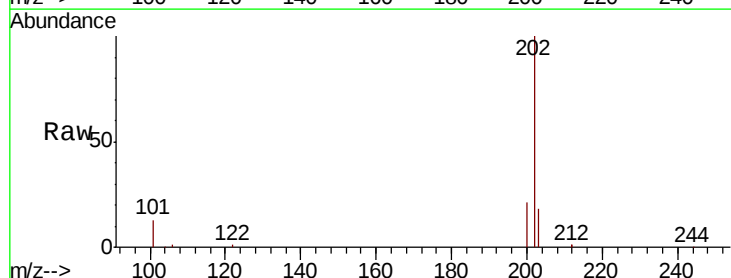
Manual Integrations
 APPROVED

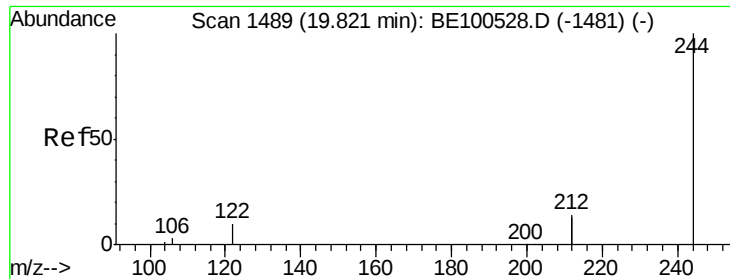
mohammad
 9/24/2019 2:37:50 PM



#28
 Pyrene
 Concen: 0.419 ng
 RT: 19.61 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BE100544.D
 Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.0	14.0	21.0





#29

Terphenyl-d14

Concen: 0.499 ng

RT: 19.82 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Instrument :

BNA_E

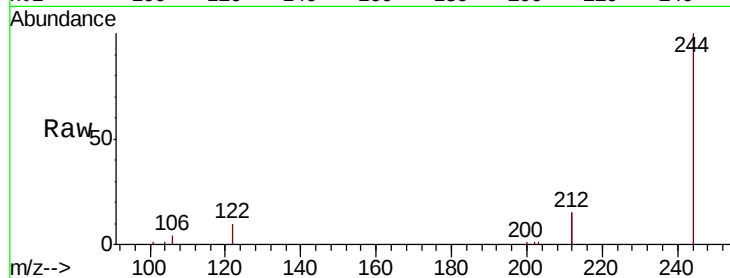
ClientSampleId :

MW2-R2-1MSD

Tot Ion:	244	Resp:	48907
Ion Ratio	Lower	Upper	
244	100		
212	29.0	22.2	33.2
122	10.1	8.3	12.5

Manual Integrations
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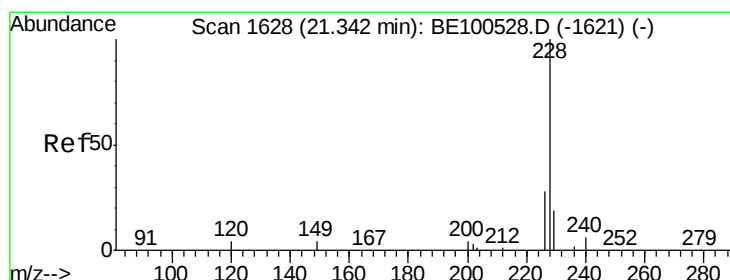
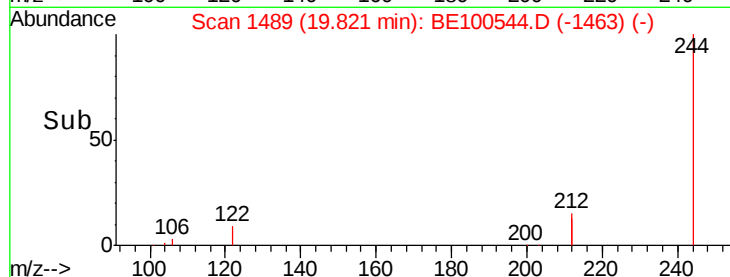
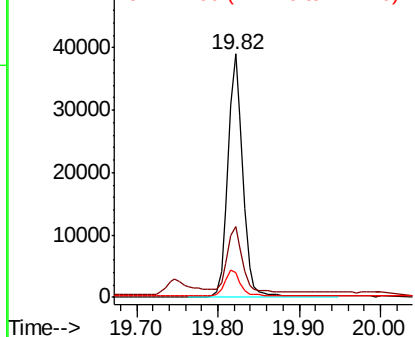


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.503 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

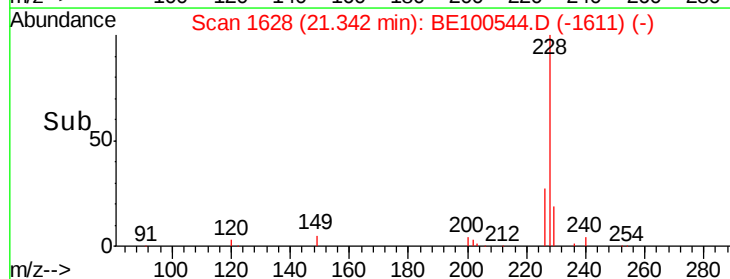
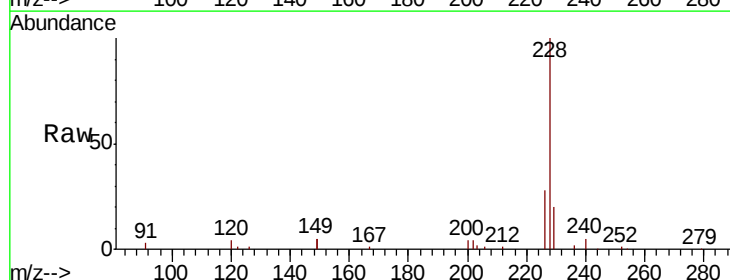
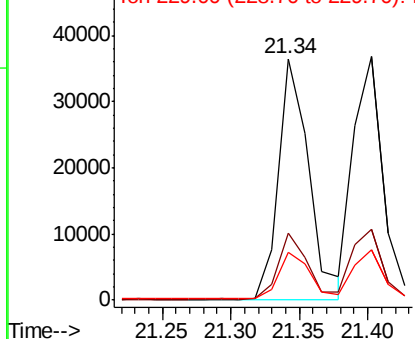
Tgt Ion:	228	Resp:	55576
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.5	33.7
229	20.0	15.4	23.2

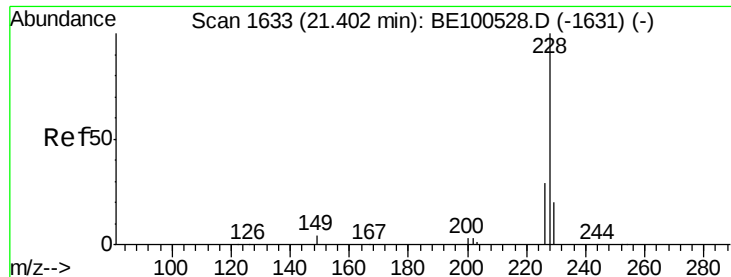
Abundance

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





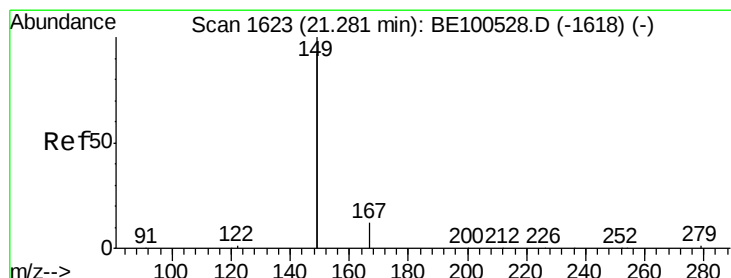
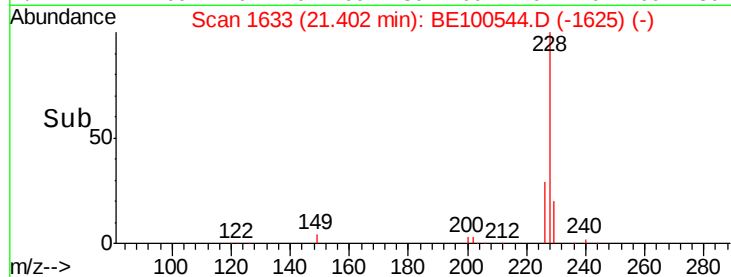
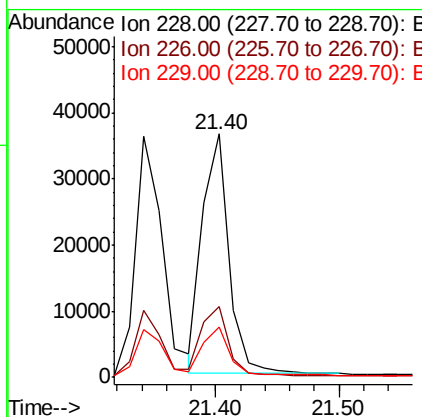
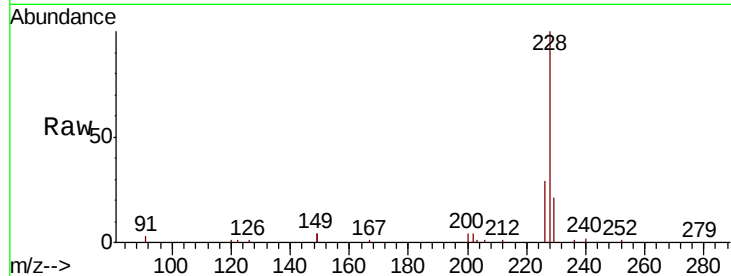
#31
Chrysene
Concen: 0.433 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Instrument :
BNA_E
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.3	34.9
229	20.7	16.3	24.5

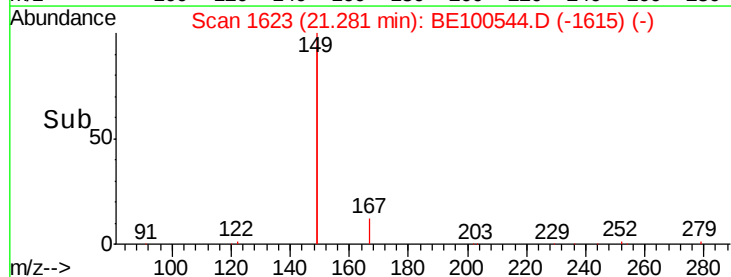
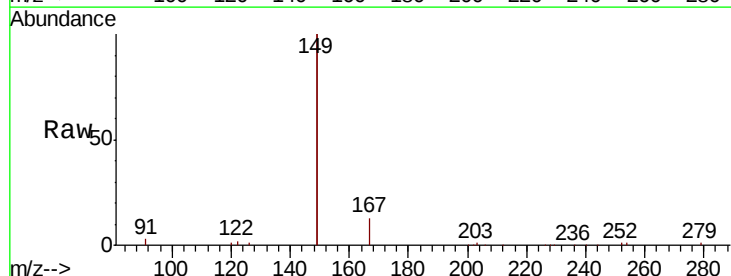
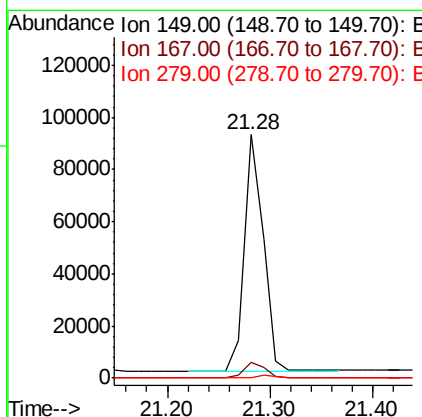
Manual Integrations
APPROVED

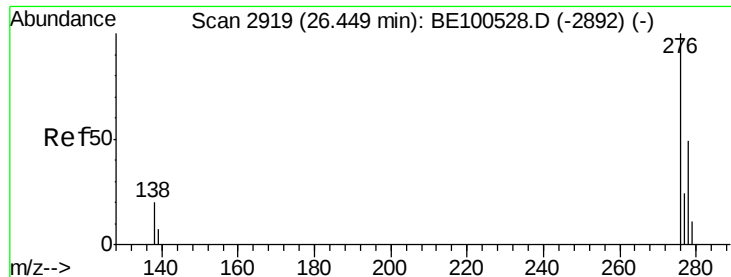
mohammad
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.982 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	1.1	1.0	1.4





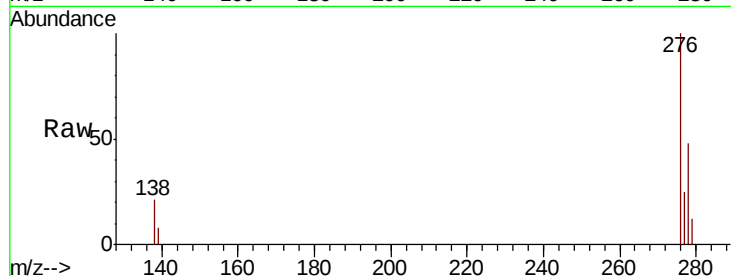
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Instrument :
BNA_E
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.7	26.5
277	24.9	19.9	29.9

Manual Integrations
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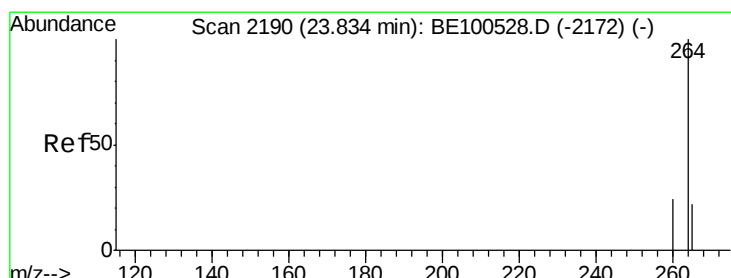
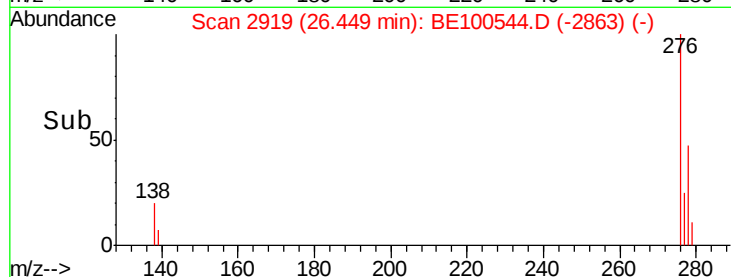
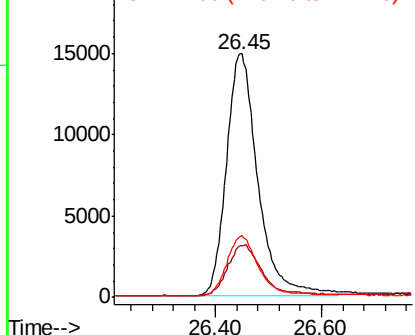


Abundance

Ion 276.00 (275.70 to 276.70): E

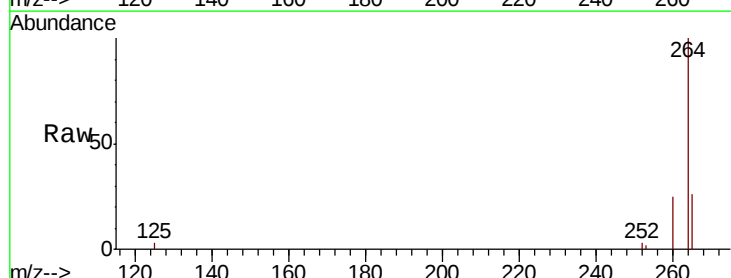
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	26.0	21.8	32.8

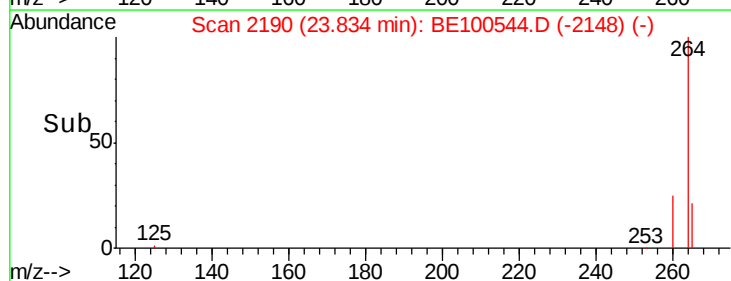
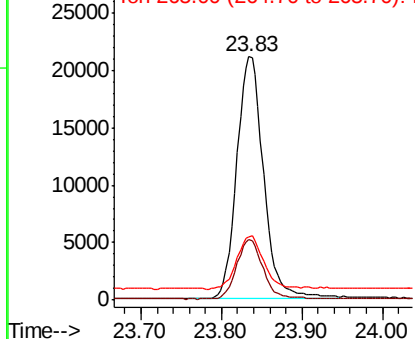


Abundance

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





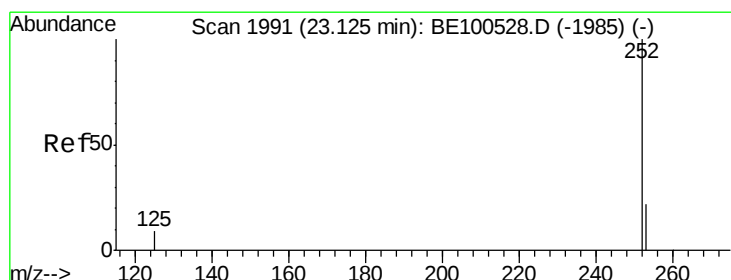
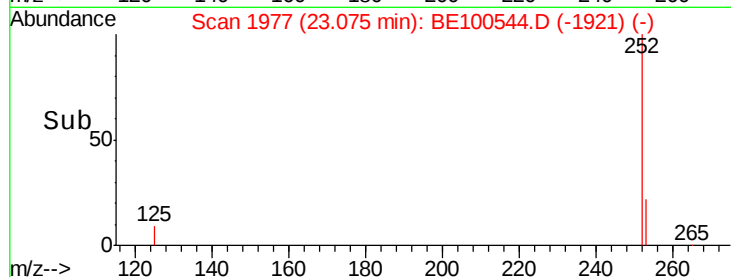
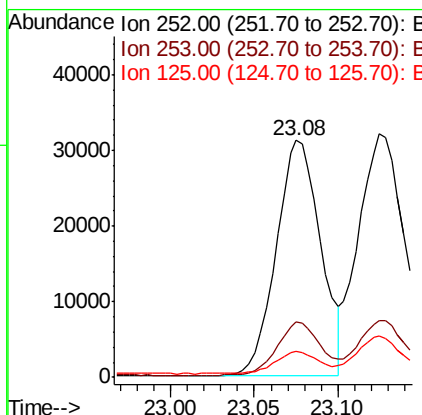
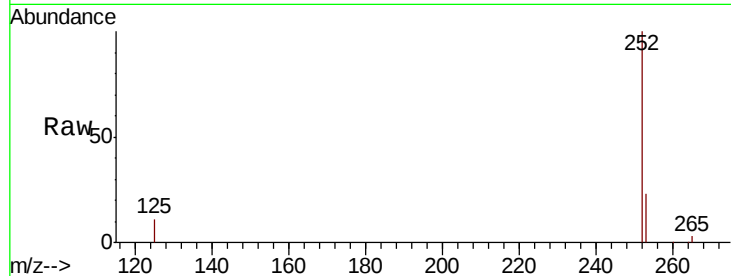
#35
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 23.08 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Instrument :
BNA_E
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	10.7	8.0	12.0

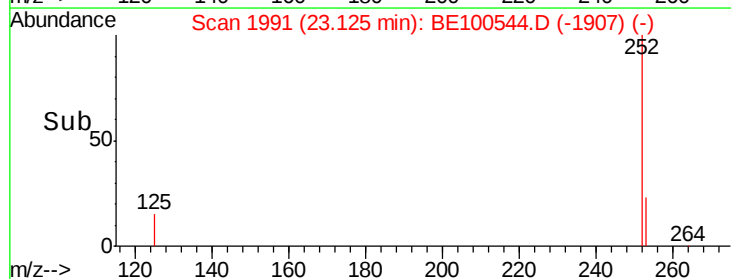
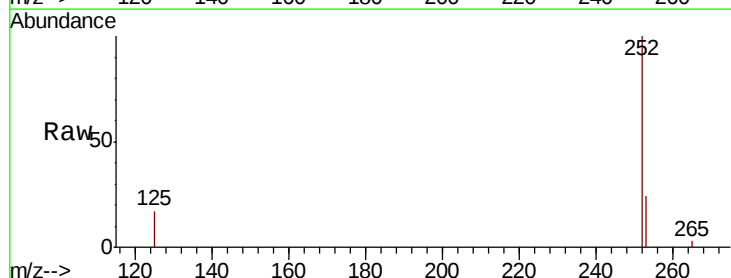
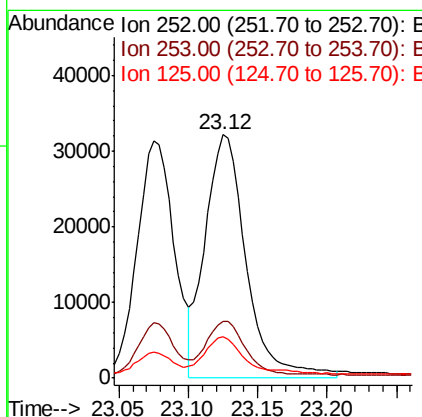
Manual Integrations
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#36
Benzo(k)fluoranthene
Concen: 0.435 ng m
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	16.8	8.5	12.7#





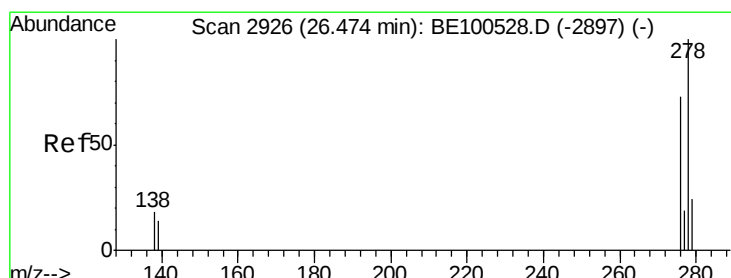
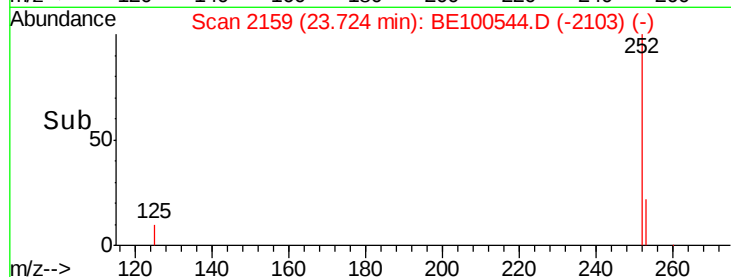
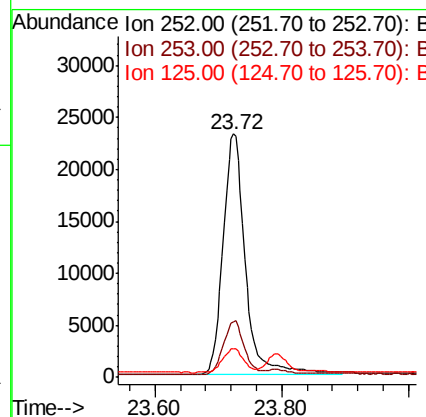
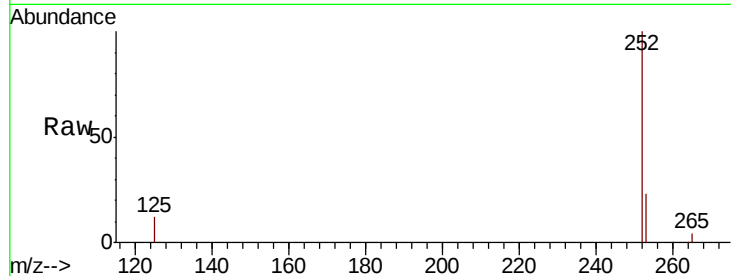
#37
Benzo(a)pyrene
Concen: 0.460 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Instrument :
BNA_E
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.9	9.2	13.8

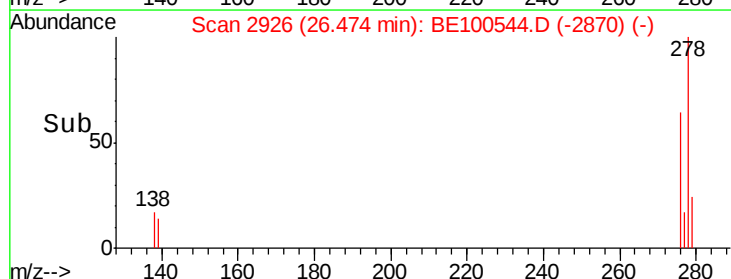
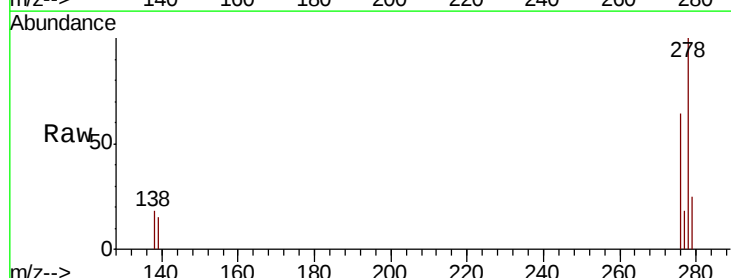
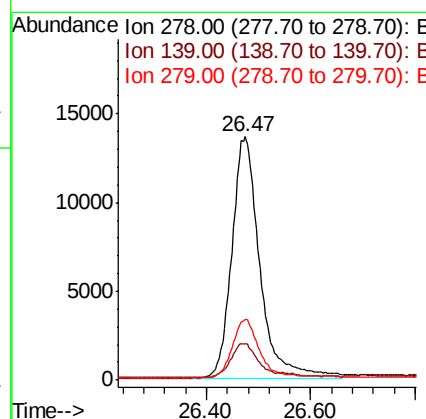
Manual Integrations
APPROVED

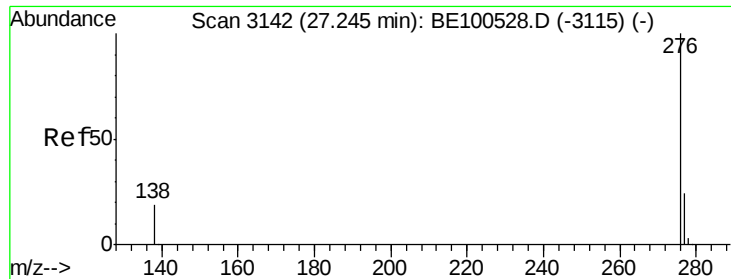
mohammad
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#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100544.D
Acq: 23 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	24.8	19.7	29.5





#39

Benzo(a,h,i)perylene

Concen: 0.413 ng

RT: 27.25 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BE100544.D

Acq: 23 Sep 2019 18:07

Instrument :

BNA_E

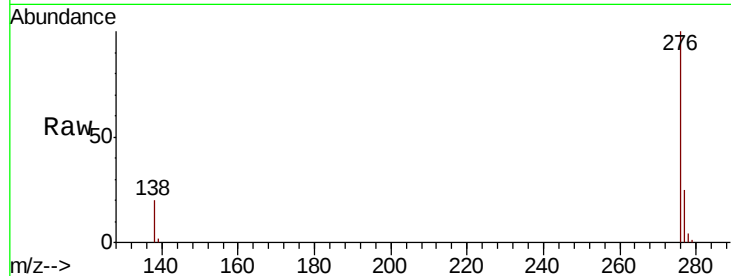
ClientSampleId :

MW2-R2-1MSD

Tot Ion:	276	Resp:	55674
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.2	28.8
138	20.1	15.7	23.5

Manual Integrations
APPROVED

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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

