

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100982.D
 Acq On : 26 Dec 2019 21:55
 Operator : JU
 Sample : K6392-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

mohammad
 12/27/2019 4:21:24 PM

Quant Time: Dec 27 10:57:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:28:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2976	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	14880	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	9187	0.40	ng	-0.02
19) Phenanthrene-d10	17.11	188	22835	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	22616	0.40	ng	-0.01
34) Perylene-d12	23.72	264	26092	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1555	0.31	ng	0.00
5) Phenol-d6	6.93	99	1116m	0.31	ng	-0.05
8) Nitrobenzene-d5	8.89	82	3524	0.53	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	9261	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	1109	0.57	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	15247	0.47	ng	-0.02
25) Fluoranthene-d10	19.14	212	127217	0.46	ng	0.00
29) Terphenyl-d14	19.74	244	26329	0.51	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.30	88	1141734	203.131	ng	# 79
9) Naphthalene	10.56	128	11669	0.074	ng	# 94
17) Acenaphthene	14.44	154	656	0.026	ng	89
23) Phenanthrene	17.15	178	2042	0.035	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.21	149	65769	0.663	ng	100

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

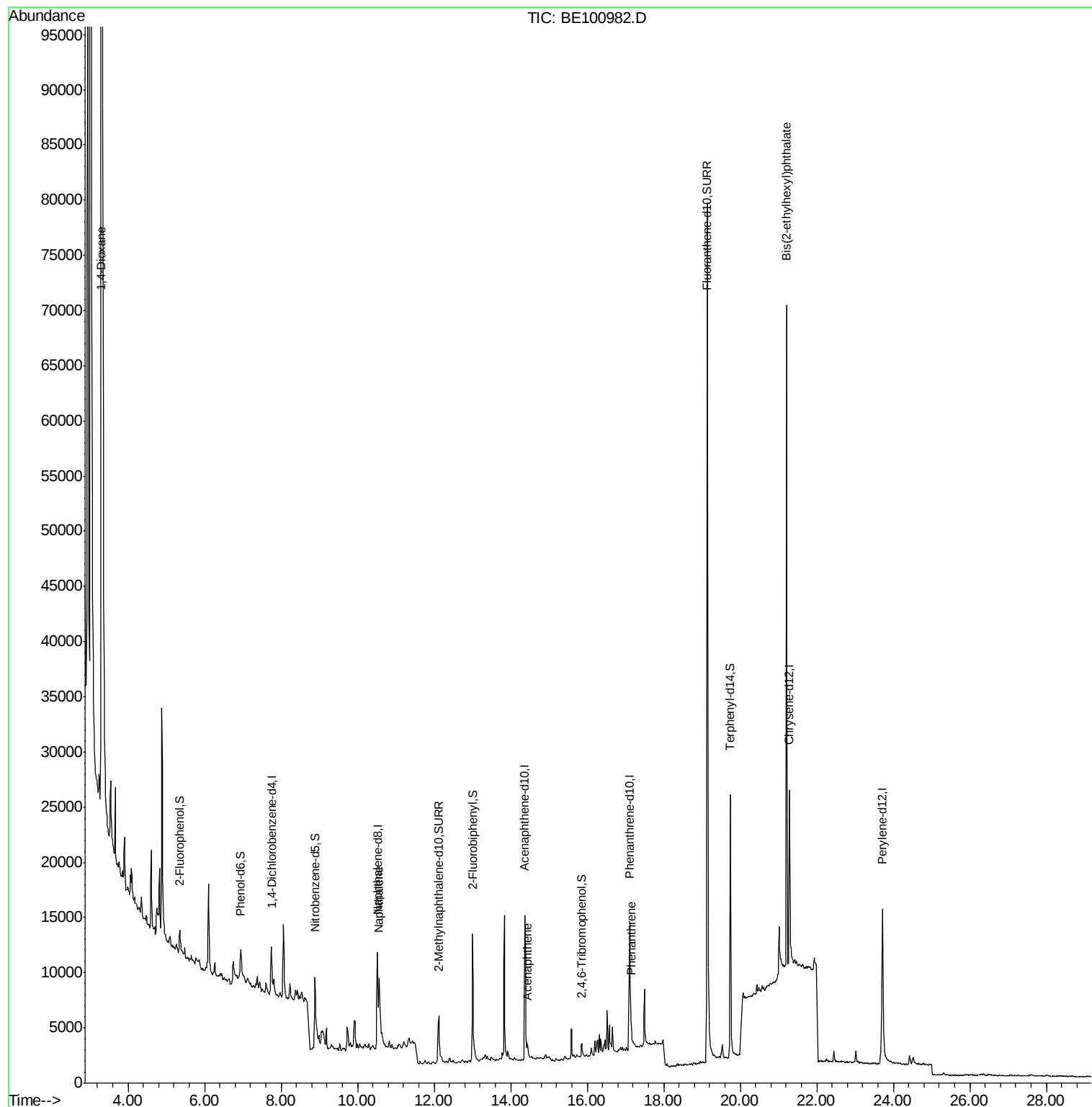
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100982.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6392-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

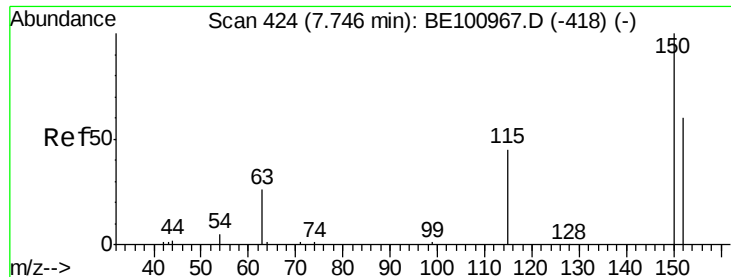
Instrument :
BNA_E
ClientSampleId :
MW-4

Manual Integrations
APPROVED

mohammad
12/27/2019 4:21:24 PM

Quant Time: Dec 27 10:57:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 14:28:42 2019
Response via : Initial Calibration





#1

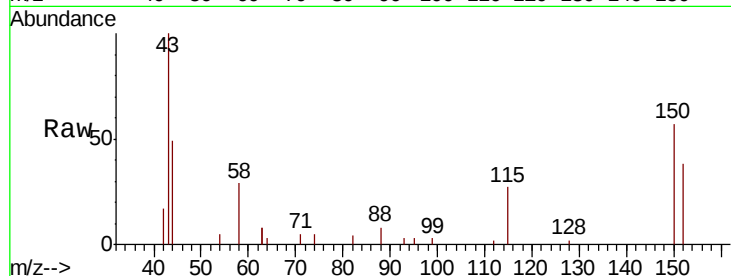
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100982.D
Acq: 26 Dec 2019 21:55

Instrument :
BNA_E
ClientSampled :
MW-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	132.6	199.0
115	70.5	64.1	96.1

Manual Integrations
APPROVED

mohammad
12/27/2019 4:21:24 PM

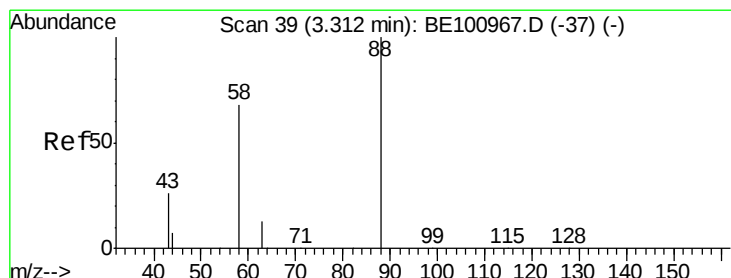
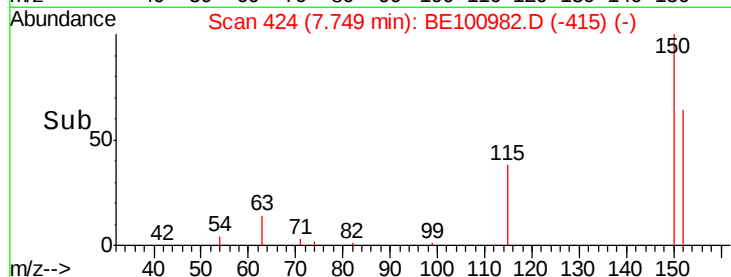
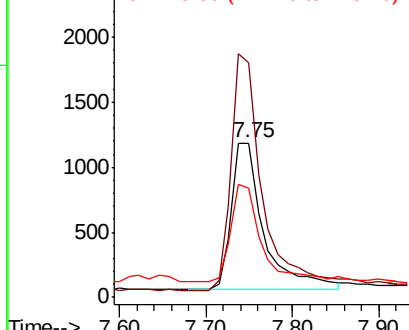


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

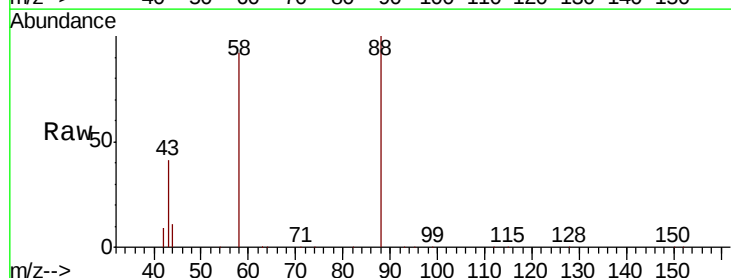
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 203.131 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE100982.D
Acq: 26 Dec 2019 21:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	44.2	66.4#
43	31.4	21.0	31.6

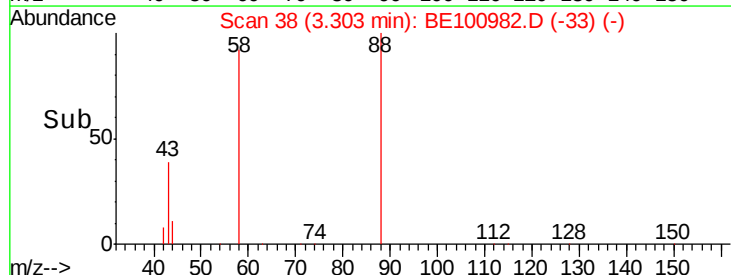
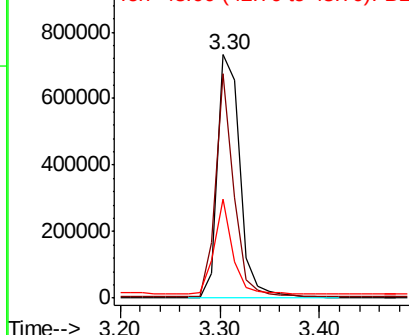


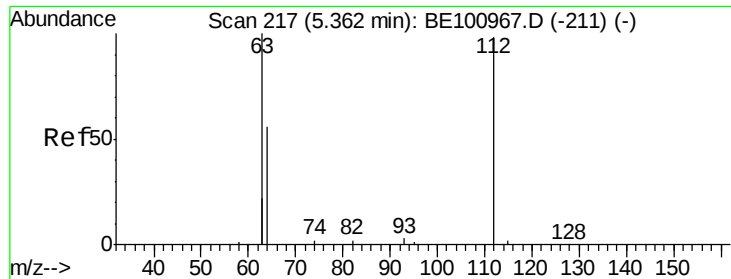
Abundance

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





#4

2-Fluorophenol

Concen: 0.309 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

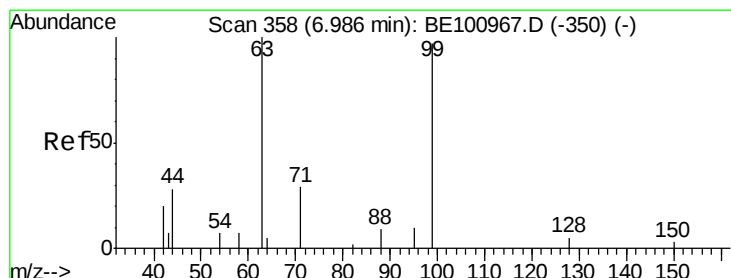
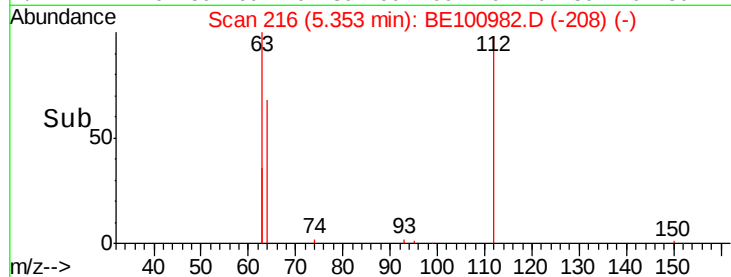
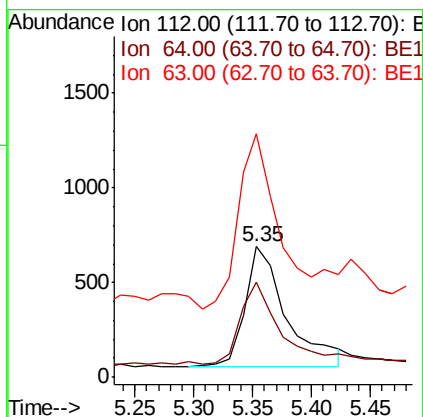
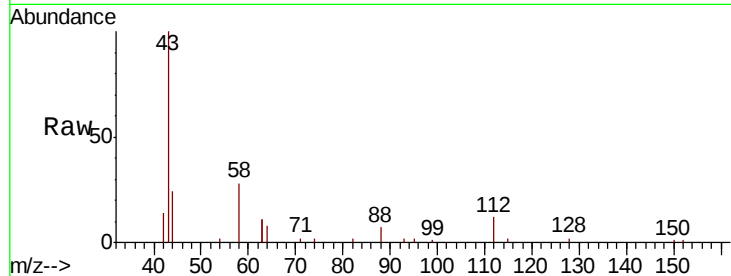
ClientSampled :

MW-4

Tot Ion:	112	Resp:	1555
Ion Ratio	Lower	Upper	
112	100		
64	62.6	59.0	88.6
63	140.7	121.4	182.0

Manual Integrations
APPROVED

mohammad
12/27/2019 4:21:24 PM



#5

Phenol-d6

Concen: 0.306 ng m

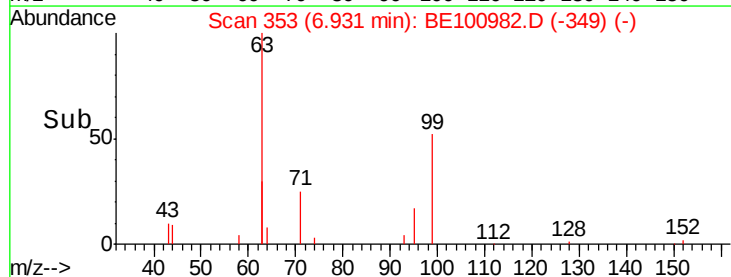
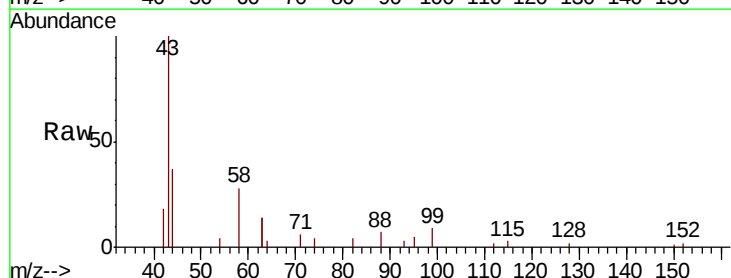
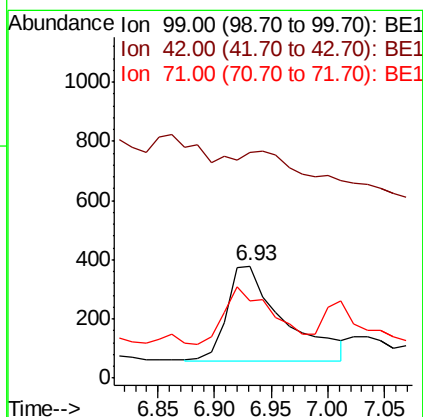
RT: 6.93 min Scan# 353

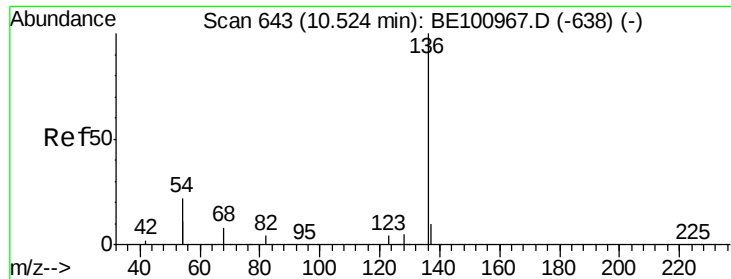
Delta R.T. -0.05 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Tgt Ion:	99	Resp:	1116
Ion Ratio	Lower	Upper	
99	100		
42	0.0	0.0	0.0
71	29.7	0.0	0.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

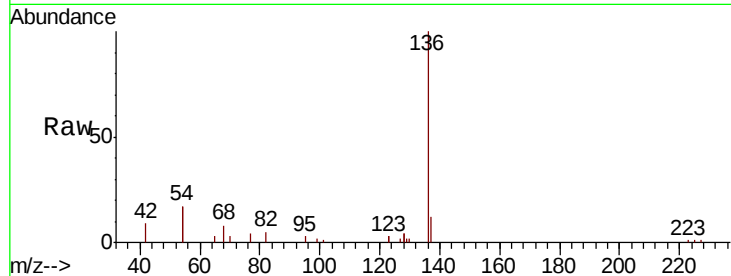
ClientSampleId :

MW-4

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.6
54	33.0	34.4	51.6
68	8.2	7.8	11.6

Manual Integrations
APPROVED

mohammad
12/27/2019 4:21:24 PM



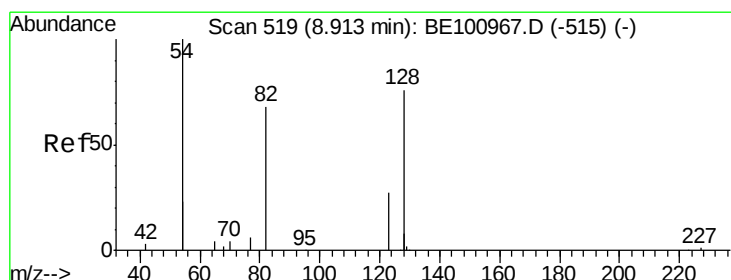
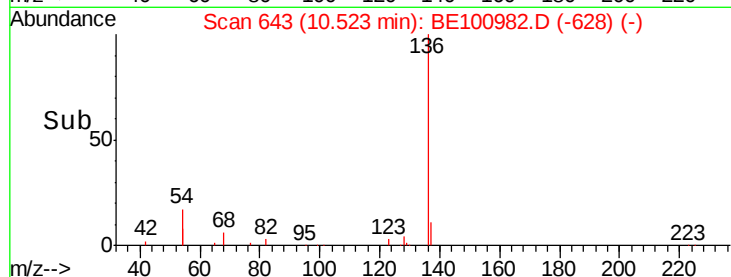
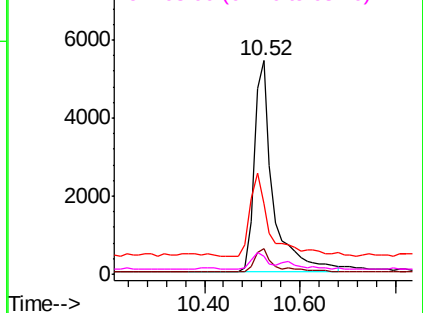
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.526 ng

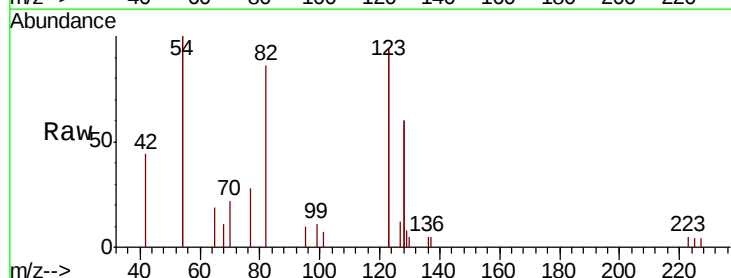
RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	140.3	140.2	210.2
54	233.1	183.8	275.6

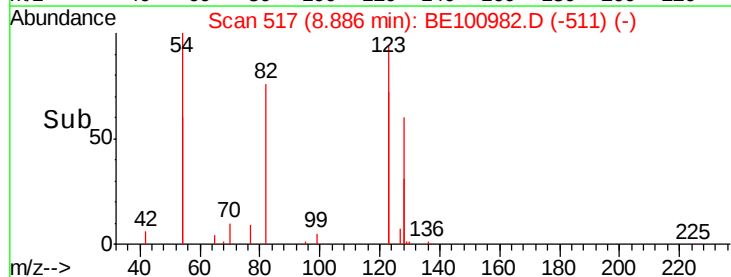
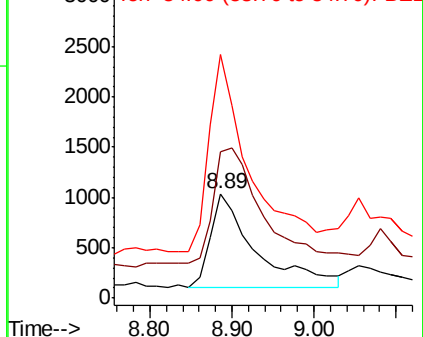


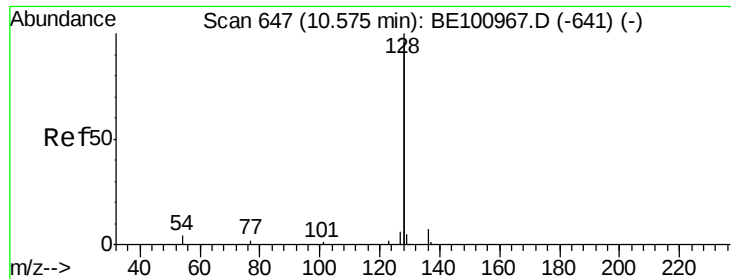
Abundance

Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.074 ng

RT: 10.56 min Scan# 646

Delta R.T. -0.01 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

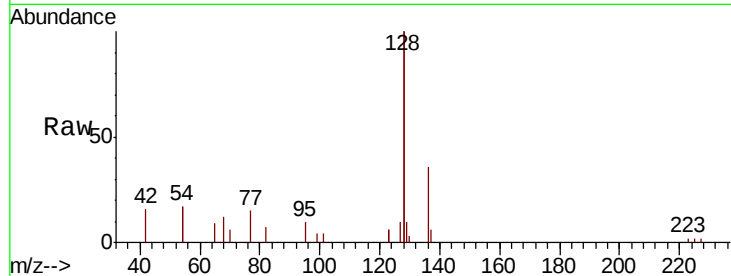
ClientSampleId :

MW-4

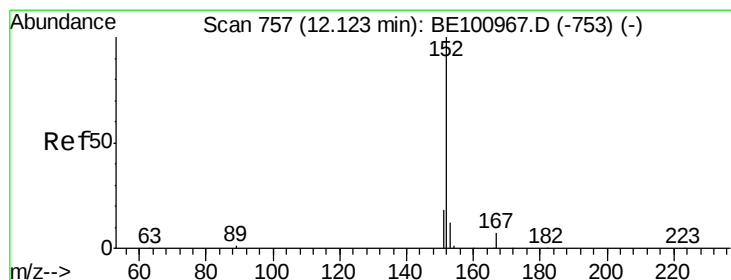
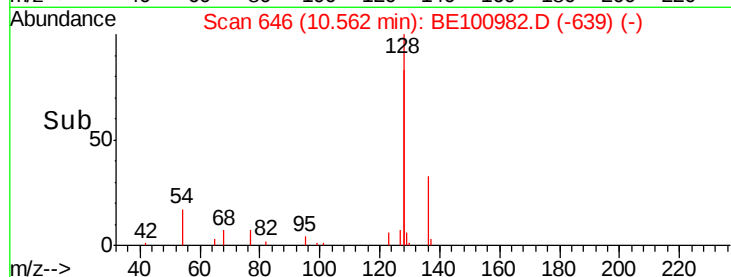
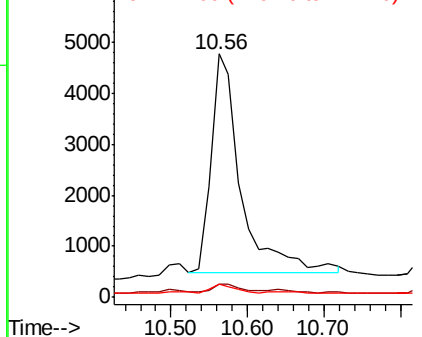
Tot Ion:	128	Resp:	11669
Ion Ratio	Lower	Upper	
128	100		
129	5.2	2.6	3.8#
127	5.2	2.8	4.2#

Manual Integrations
APPROVED

mohammad
12/27/2019 4:21:24 PM



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



#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

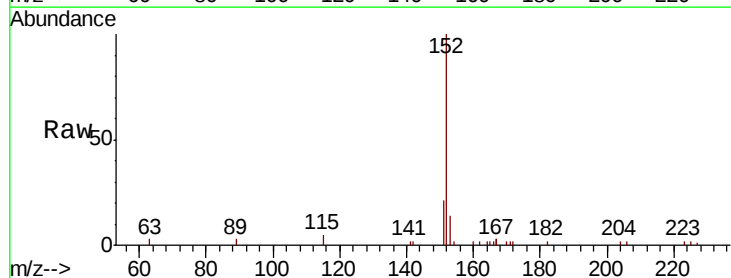
RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

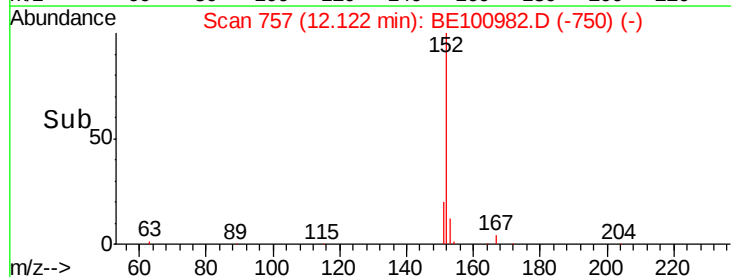
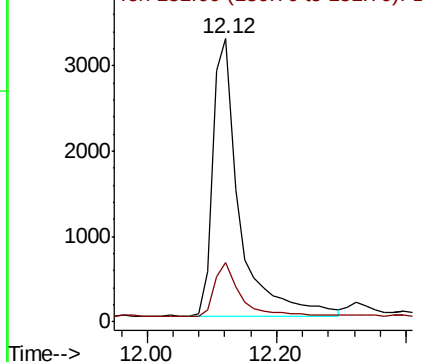
Lab File: BE100982.D

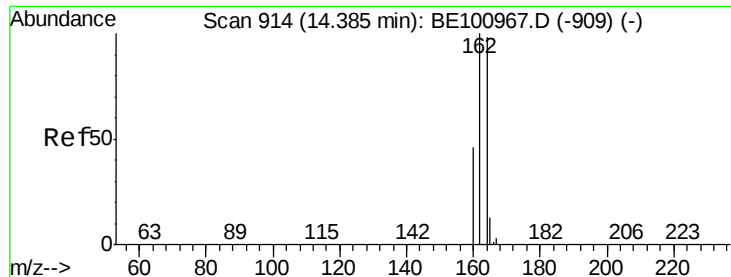
Acq: 26 Dec 2019 21:55

Tgt Ion:	152	Resp:	9261
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.1	22.7



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 913

Delta R.T. -0.02 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

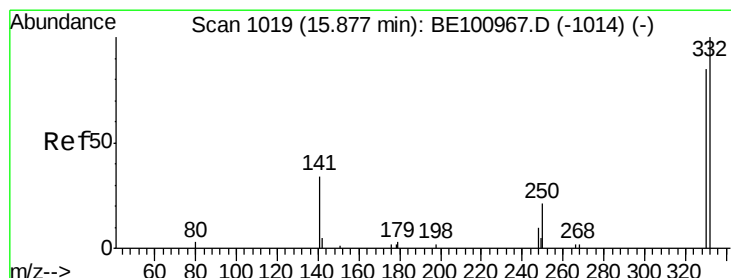
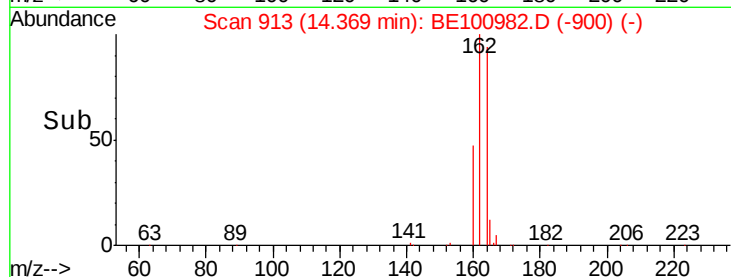
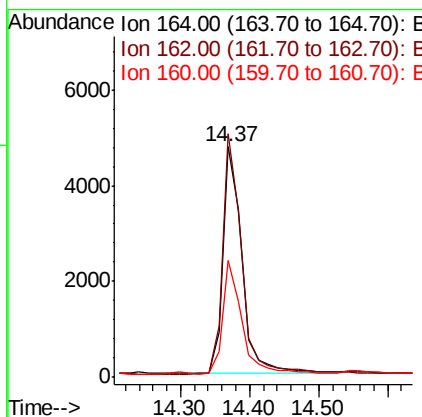
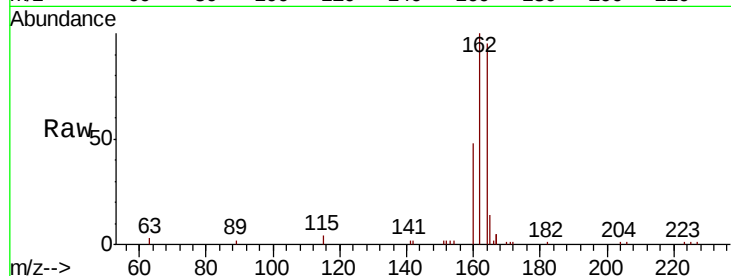
ClientSampleId :

MW-4

Tot Ion:	164	Resp:	9187
Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.6	122.4
160	50.8	37.7	56.5

Manual Integrations
APPROVED

mohammad
12/27/2019 4:21:24 PM



#14

2,4,6-Tribromophenol

Concen: 0.567 ng

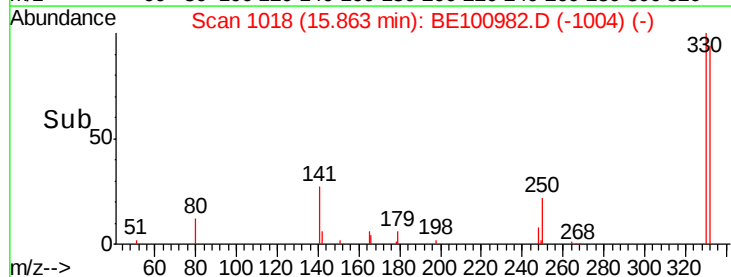
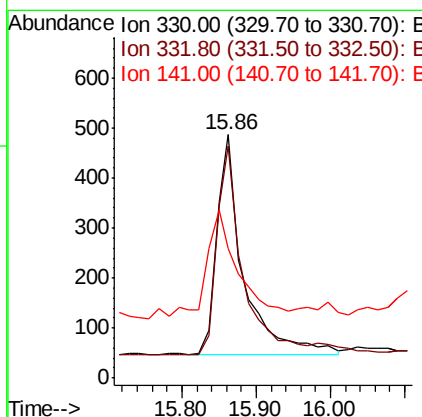
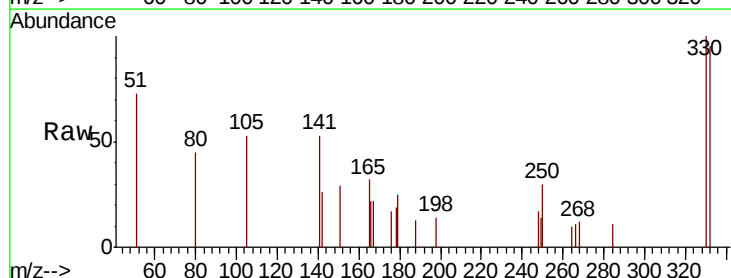
RT: 15.86 min Scan# 1018

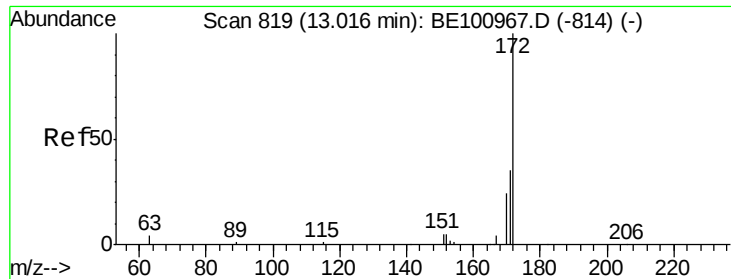
Delta R.T. -0.01 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Tgt Ion:	330	Resp:	1109
Ion	Ratio	Lower	Upper
330	100		
332	92.7	72.4	108.6
141	60.1	25.4	38.2#





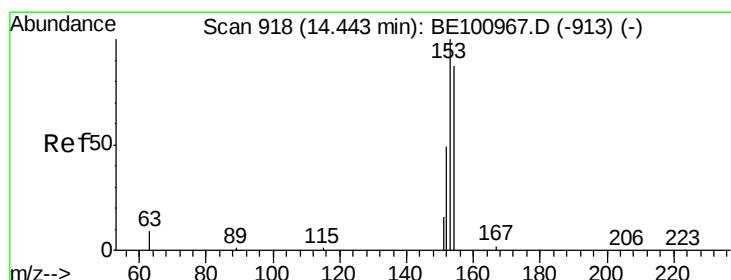
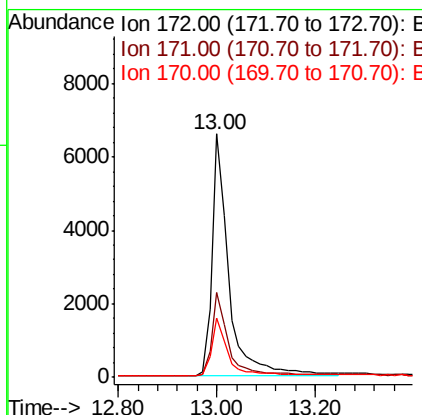
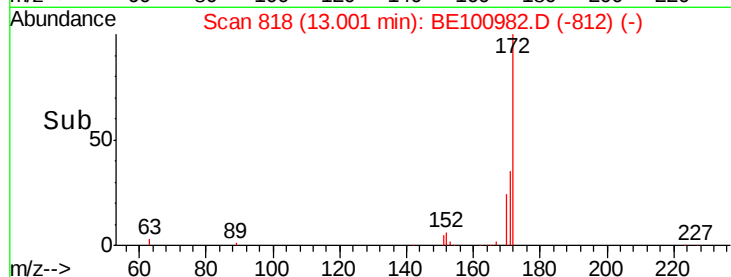
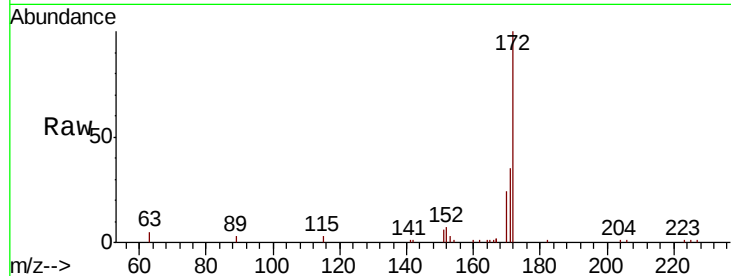
#15
2-Fluorobiphenyl
Concen: 0.467 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.02 min
Lab File: BE100982.D
Acq: 26 Dec 2019 21:55

Instrument :
BNA_E
ClientSampleId :
MW-4

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.6
170	24.4	20.0	30.0

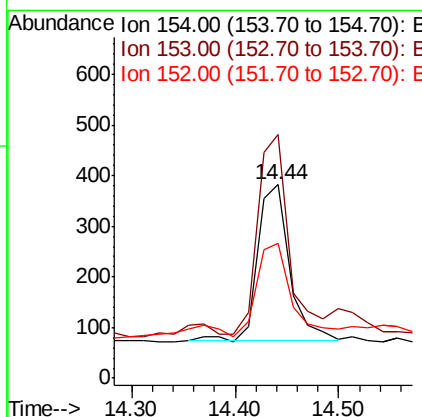
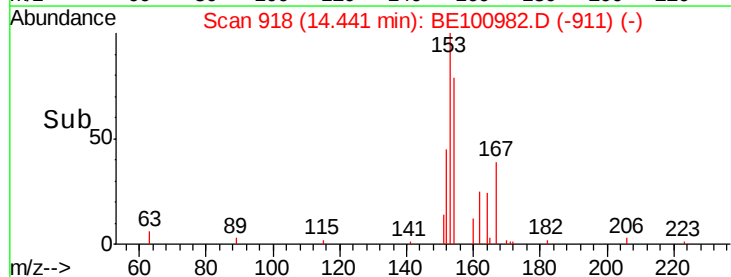
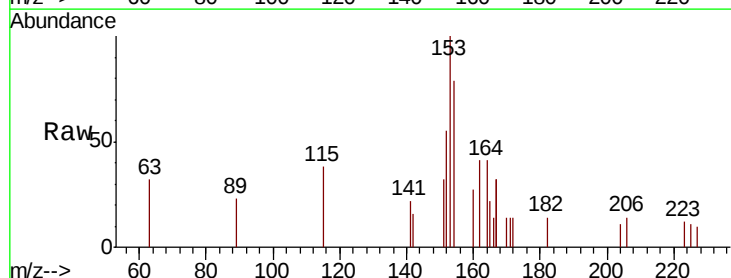
Manual Integrations
APPROVED

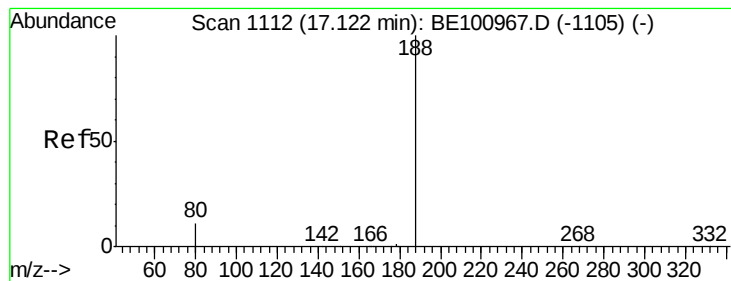
mohammad
12/27/2019 4:21:24 PM



#17
Acenaphthene
Concen: 0.026 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100982.D
Acq: 26 Dec 2019 21:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	125.0	91.7	137.5
152	66.2	44.5	66.7





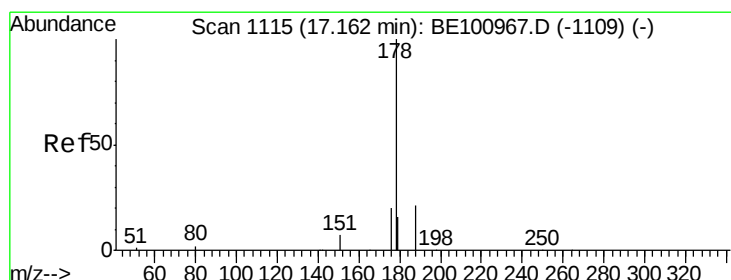
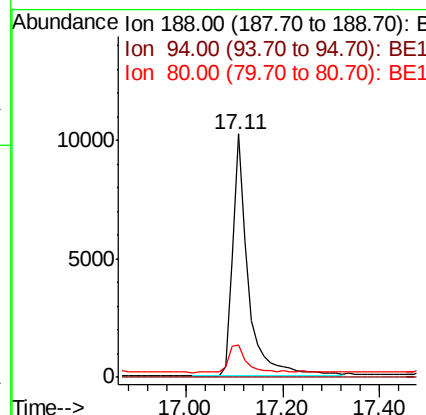
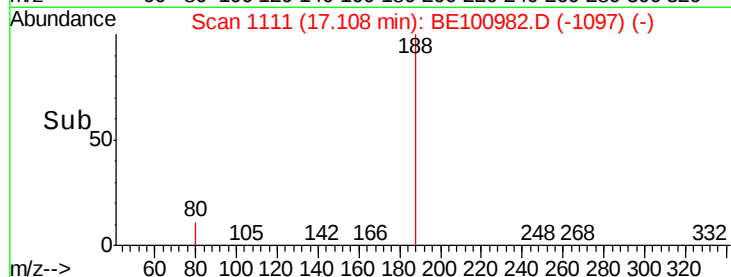
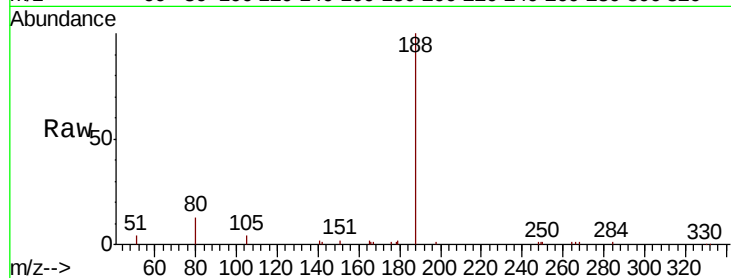
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100982.D
Acq: 26 Dec 2019 21:55

Instrument :
BNA_E
ClientSampleId :
MW-4

Tot Ion	Ratio	Resp	Lower	Upper
188	100	22835		
94	0.0	0.0	0.0	0.0
80	13.2	9.7	14.5	

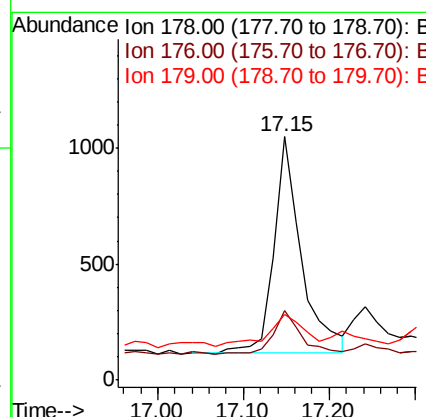
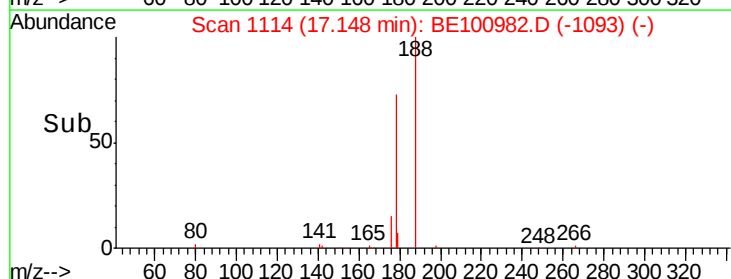
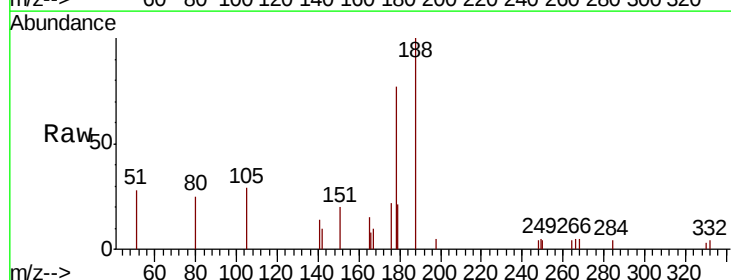
Manual Integrations
APPROVED

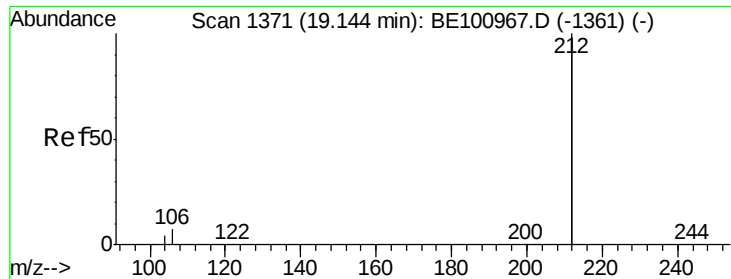
mohammad
12/27/2019 4:21:24 PM



#23
Phenanthrene
Concen: 0.035 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100982.D
Acq: 26 Dec 2019 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2042		
176	18.9	15.7	23.5	
179	19.4	12.6	18.8#	





#25

Fluoranthene-d10

Concen: 0.459 ng

RT: 19.14 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

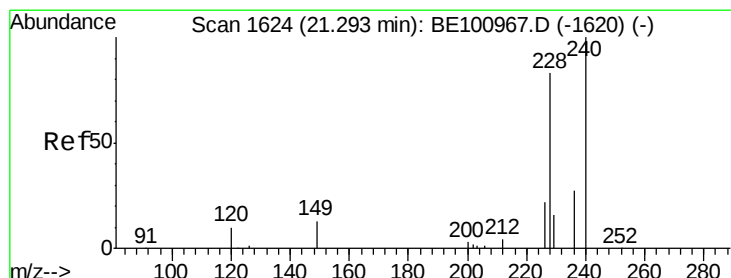
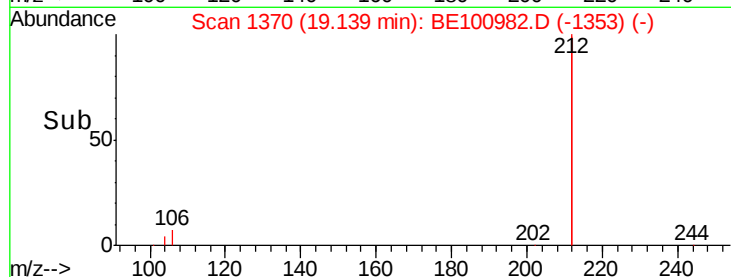
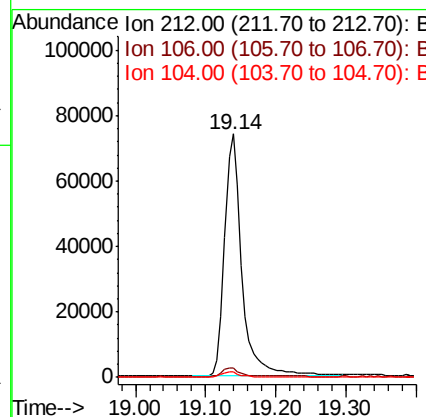
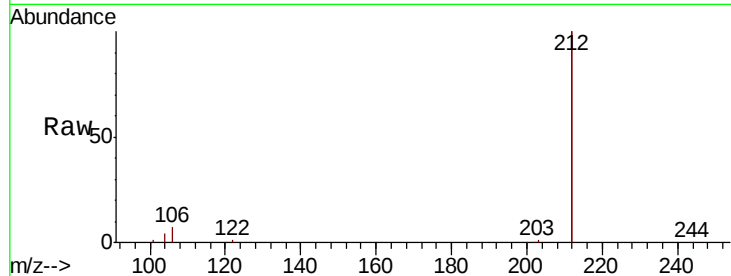
ClientSampleId :

MW-4

Tot Ion:	212	Resp:	127217
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.4	3.6
104	2.0	1.4	2.0

Manual Integrations
APPROVED

mohammad
12/27/2019 4:21:24 PM



#27

Chrysene-d12

Concen: 0.400 ng

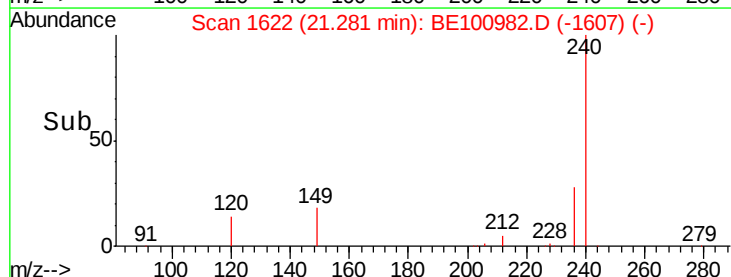
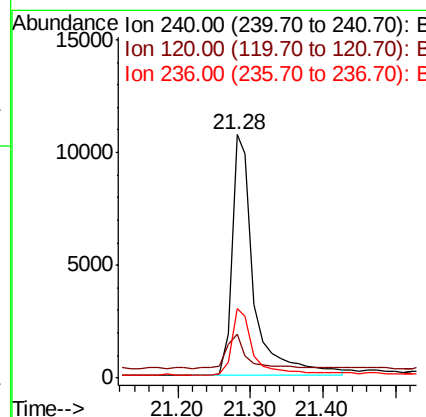
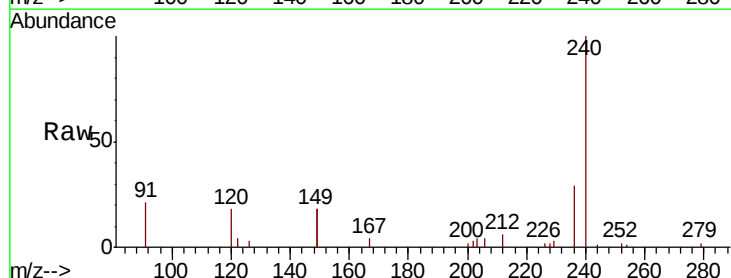
RT: 21.28 min Scan# 1622

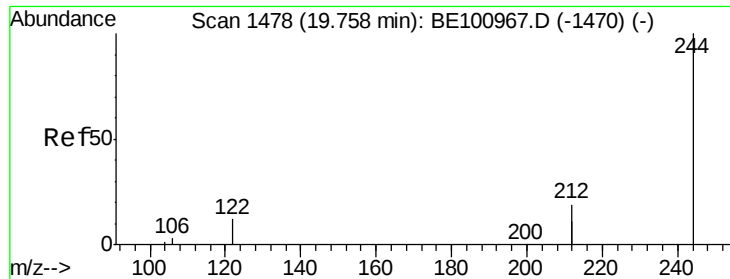
Delta R.T. -0.01 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Tgt Ion:	240	Resp:	22616
Ion Ratio	Lower	Upper	
240	100		
120	18.1	10.2	15.4#
236	28.8	22.6	34.0





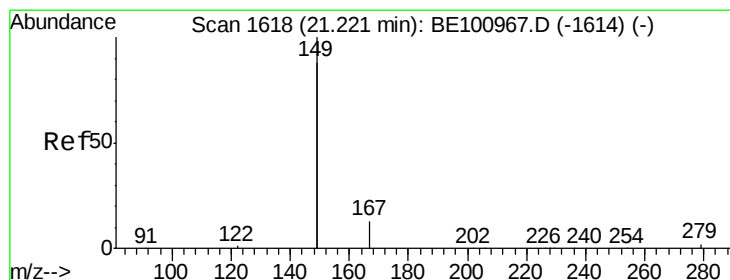
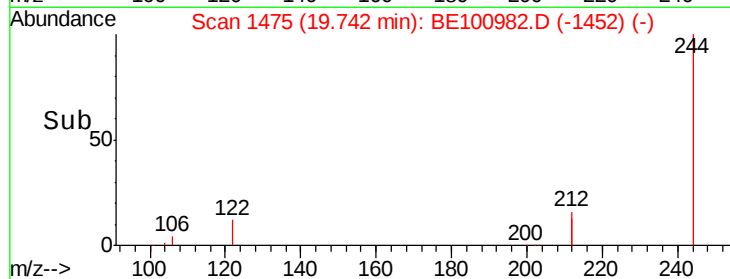
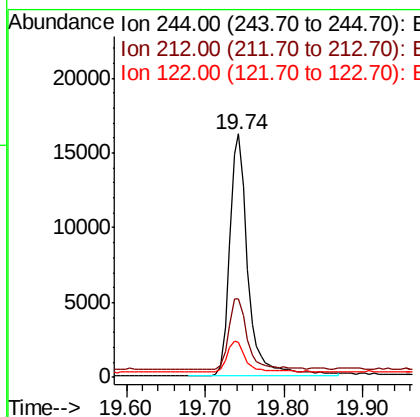
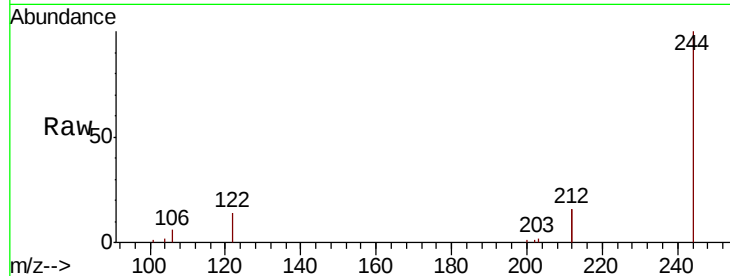
#29
 Terphenyl-d14
 Concen: 0.506 ng
 RT: 19.74 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BE100982.D
 Acq: 26 Dec 2019 21:55

Instrument :
 BNA_E
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	32.4	29.3	43.9
122	14.5	10.2	15.4

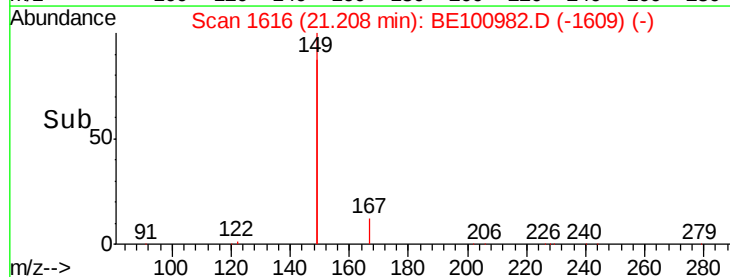
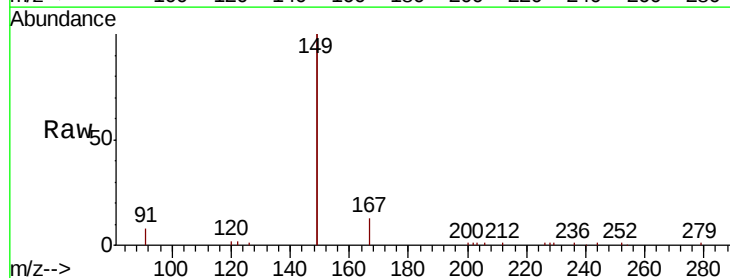
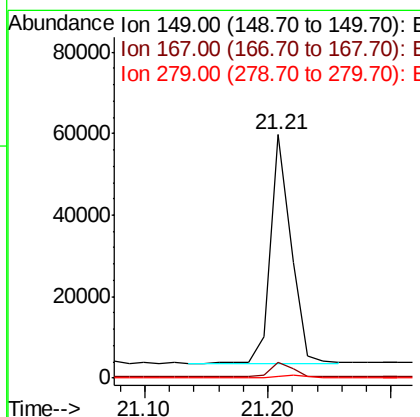
Manual Integrations
 APPROVED

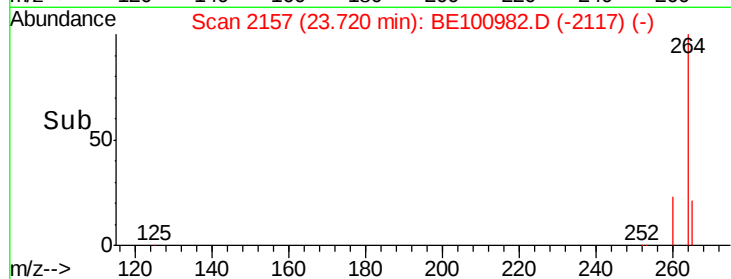
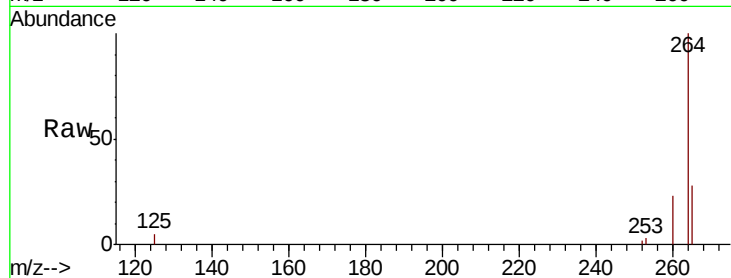
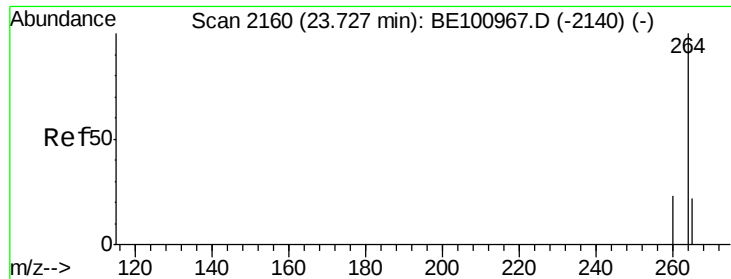
mohammad
 12/27/2019 4:21:24 PM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.663 ng
 RT: 21.21 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BE100982.D
 Acq: 26 Dec 2019 21:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.1	7.7
279	0.9	0.6	1.0





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BE100982.D
 Acq: 26 Dec 2019 21:55

Tot Ion:	264	Resp:	26092
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.1	28.7
265	28.2	26.6	40.0

Instrument :
 BNA_E
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

mohammad
 12/27/2019 4:21:24 PM

