

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
 Data File : BE100731.D
 Acq On : 15 Nov 2019 11:18
 Operator : JU
 Sample : PB124646BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB124646BSD

Manual Integrations
 APPROVED

mohammad
 11/18/2019 3:05:12 PM

Quant Time: Nov 15 22:44:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 15 15:55:40 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2834	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	11794	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	7542	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	17669	0.40	ng	0.00
27) Chrysene-d12	21.29	240	20559	0.40	ng	0.00
34) Perylene-d12	23.73	264	22572	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	1807	0.22	ng	0.00
5) Phenol-d6	6.94	99	1771	0.15	ng	0.00
8) Nitrobenzene-d5	8.91	82	3273	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	6275m	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	6	0.02	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	11891	0.43	ng	0.00
25) Fluoranthene-d10	19.15	212	84815	0.36	ng	0.00
29) Terphenyl-d14	19.76	244	20868	0.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	1003	0.203	ng	# 26
3) n-Nitrosodimethylamine	3.59	42	1253	0.255	ng	# 84
6) bis(2-Chloroethyl)ether	7.19	93	3648	0.357	ng	94
9) Naphthalene	10.60	128	42718	0.349	ng	100
10) Hexachlorobutadiene	10.90	225	1555	0.275	ng	98
12) 2-Methylnaphthalene	12.22	142	7359	0.353	ng	96
16) Acenaphthylene	14.13	152	11038	0.362	ng	98
17) Acenaphthene	14.47	154	7051	0.352	ng	98
18) Fluorene	15.43	166	9717	0.355	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	4063	0.435	ng	97
21) Hexachlorobenzene	16.45	284	2785	0.307	ng	98
23) Phenanthrene	17.18	178	17573	0.365	ng	99
24) Anthracene	17.26	178	15452	0.359	ng	99
26) Fluoranthene	19.18	202	21963	0.341	ng	98
28) Pyrene	19.55	202	23288	0.407	ng	99
30) Benzo(a)anthracene	21.28	228	23610	0.358	ng	100
31) Chrysene	21.33	228	23379	0.349	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	72333	0.618	ng	99
33) Indeno(1,2,3-cd)pyrene	26.29	276	26169	0.333	ng	100
35) Benzo(b)fluoranthene	22.99	252	23210	0.352	ng	99
36) Benzo(k)fluoranthene	23.04	252	24065m	0.349	ng	
37) Benzo(a)pyrene	23.62	252	21927	0.357	ng	99
38) Dibenzo(a,h)anthracene	26.31	278	21944	0.343	ng	99
39) Benzo(g,h,i)perylene	27.07	276	21828	0.348	ng	99

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

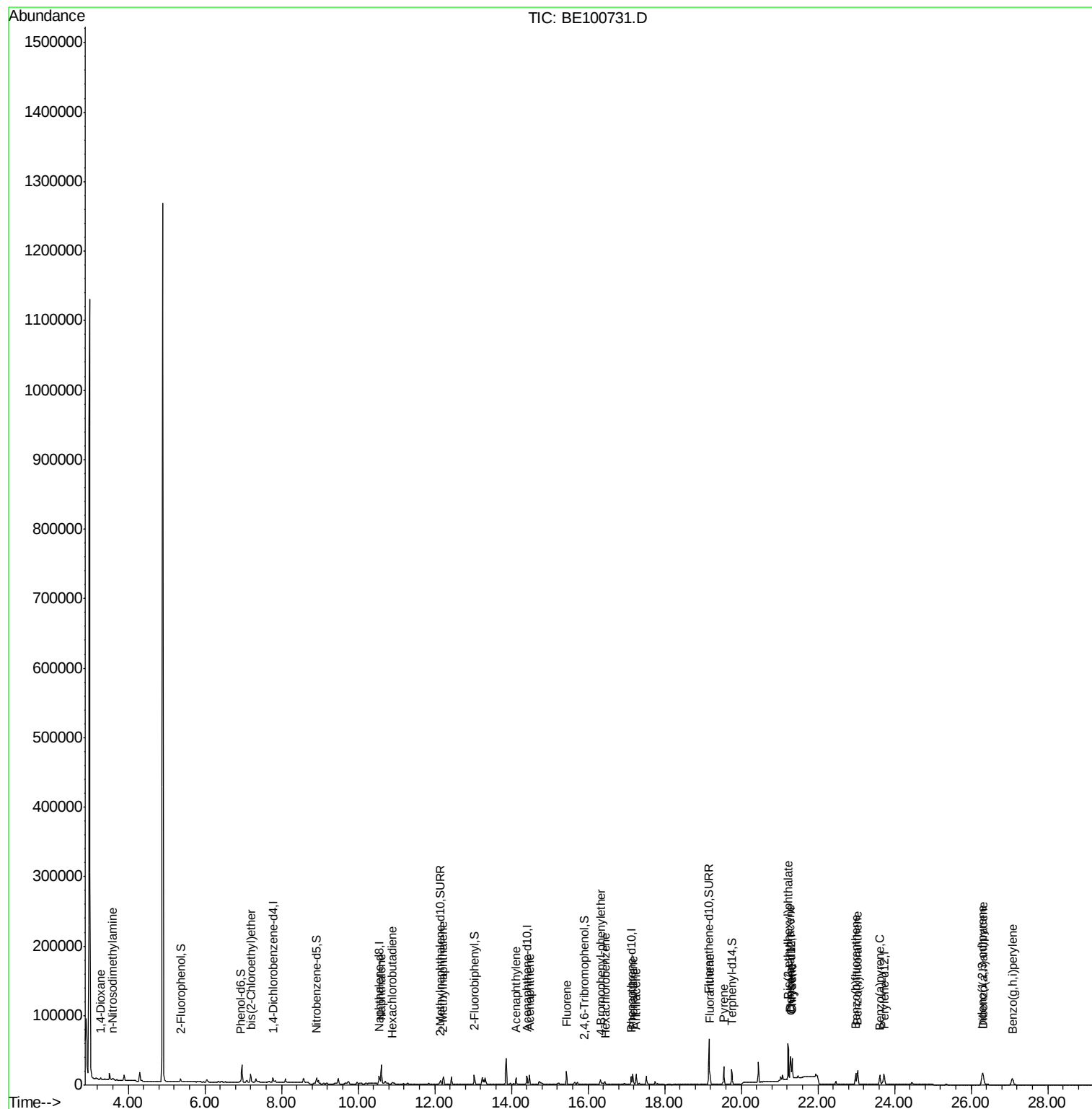
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100731.D
Acq On : 15 Nov 2019 11:18
Operator : JU
Sample : PB124646BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

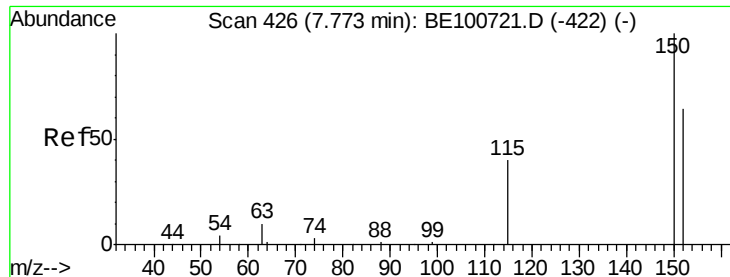
Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Manual Integrations
APPROVED

mohammad
11/18/2019 3:05:12 PM

Quant Time: Nov 15 22:44:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 15:55:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.77 min Scan# 426

Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

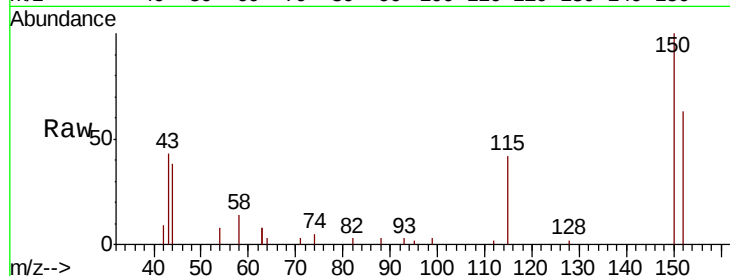
ClientSampleId :

PB124646BSD

Tot Ion:	152	Resp:	2834
Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.4	185.0
115	66.5	52.1	78.1

Manual Integrations
APPROVED

mohammad
11/18/2019 3:05:12 PM

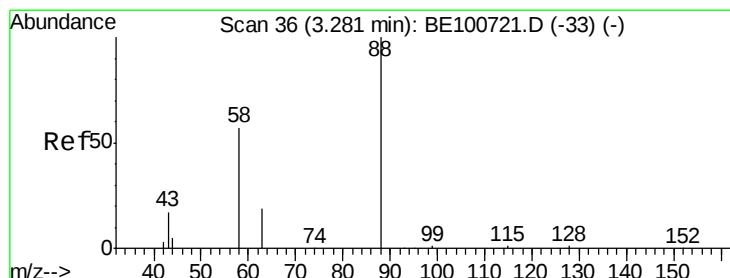
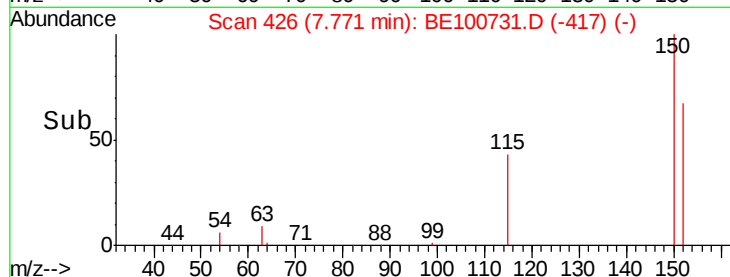
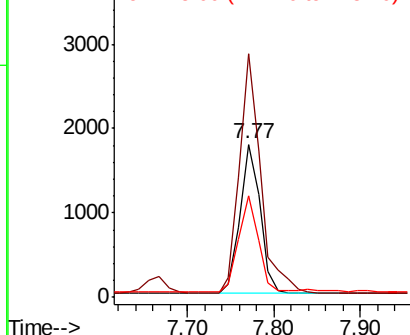


Abundance

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: 0.203 ng

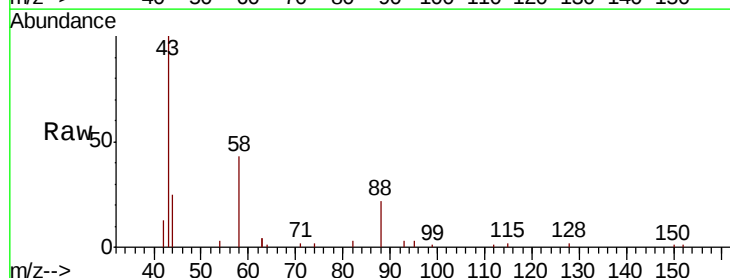
RT: 3.28 min Scan# 36

Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Tgt Ion:	88	Resp:	1003
Ion	Ratio	Lower	Upper
88	100		
58	135.7	69.8	104.8#
43	107.2	27.0	40.4#

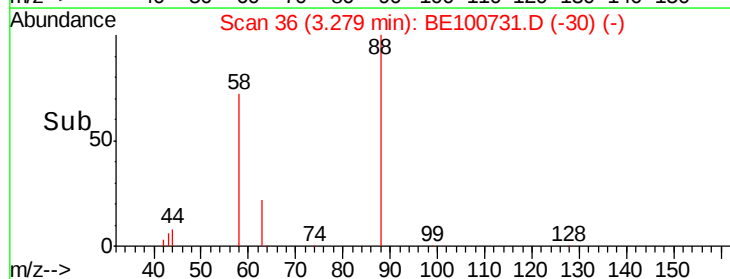
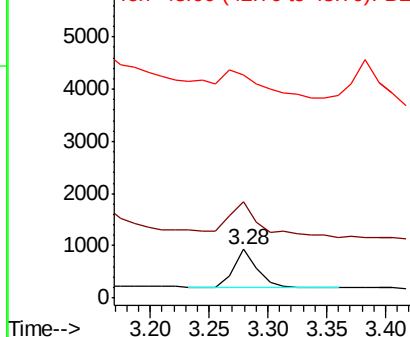


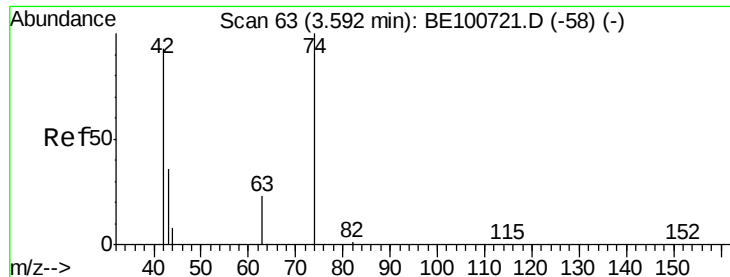
Abundance

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

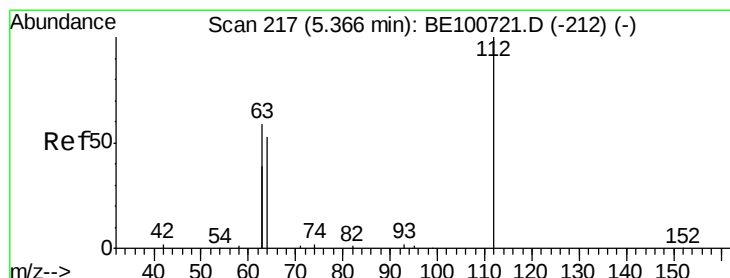
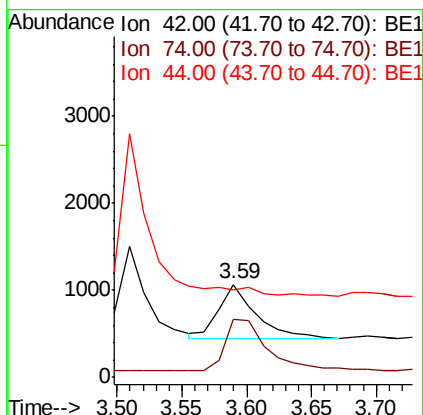
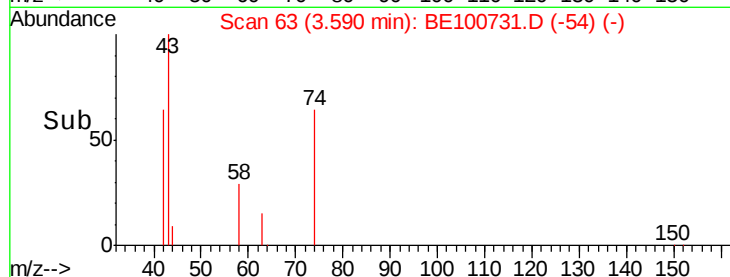
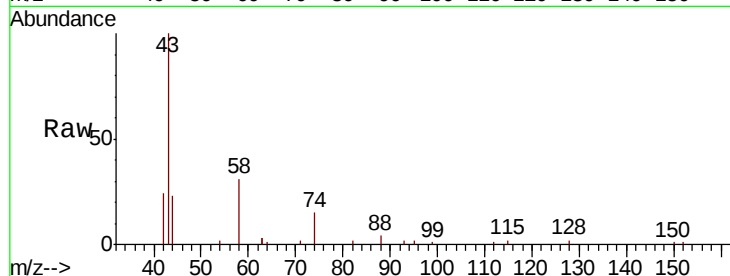
n-Nitrosodimethylamine
Concen: 0.255 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	108.9	99.7	149.5
44	0.0	11.8	17.8#

Manual Integrations
APPROVED

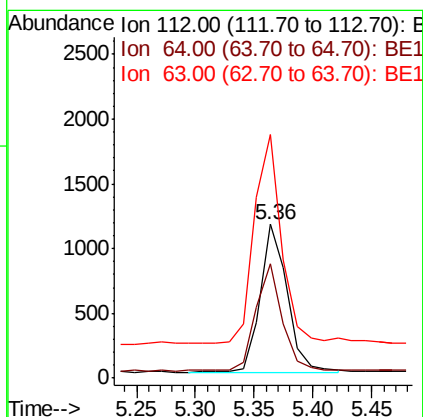
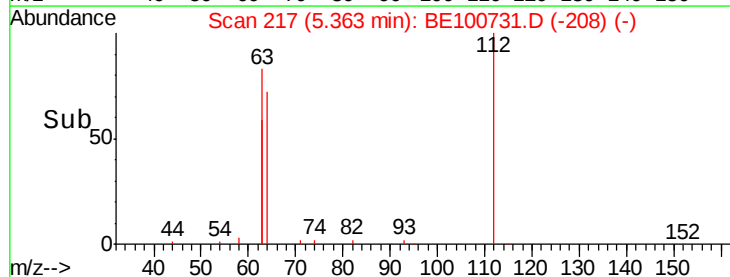
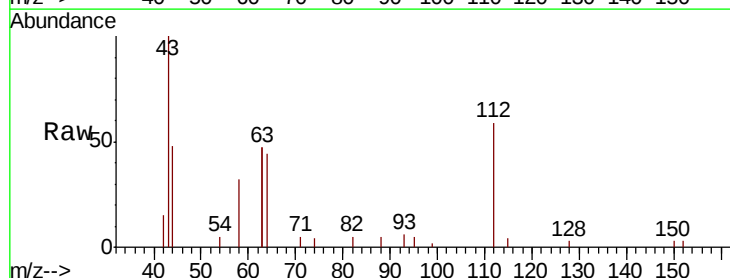
mohammad
11/18/2019 3:05:12 PM

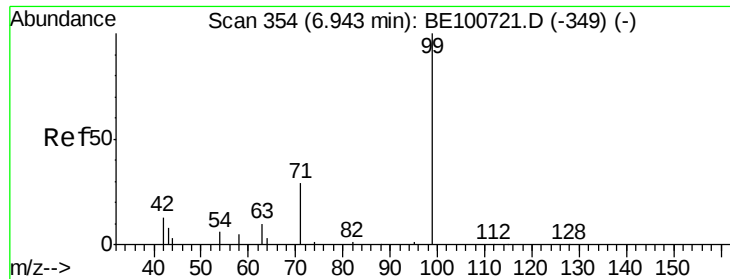


#4

2-Fluorophenol
Concen: 0.218 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	58.3	87.5
63	143.1	115.4	173.2





#5

Phenol-d6

Concen: 0.151 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

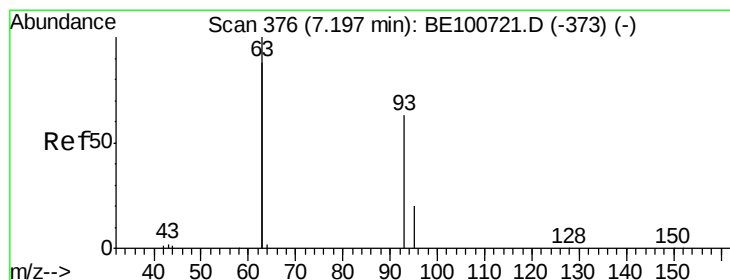
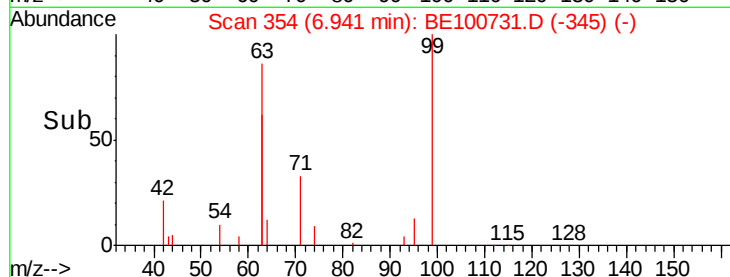
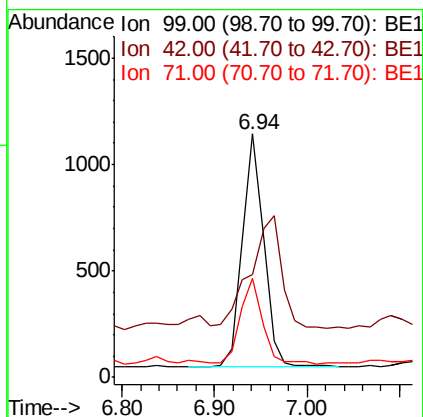
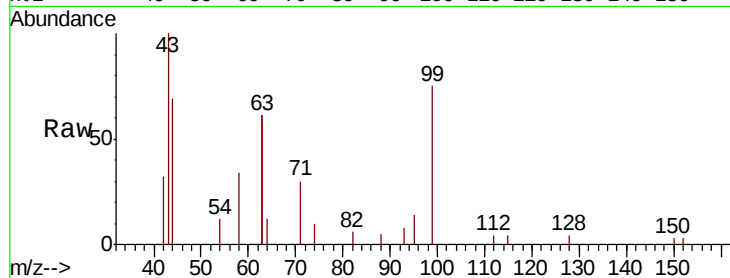
ClientSampleId :

PB124646BSD

Tot Ion:	99	Resp:	1771
Ion	Ratio	Lower	Upper
99	100		
42	0.0	17.8	26.6#
71	36.9	27.3	40.9

Manual Integrations
APPROVED

mohammad
11/18/2019 3:05:12 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.357 ng

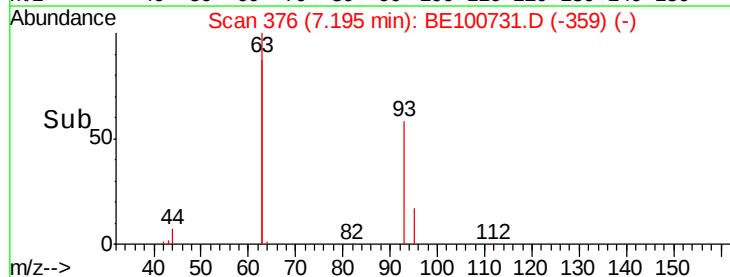
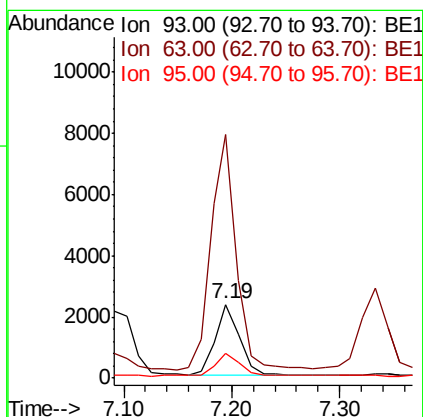
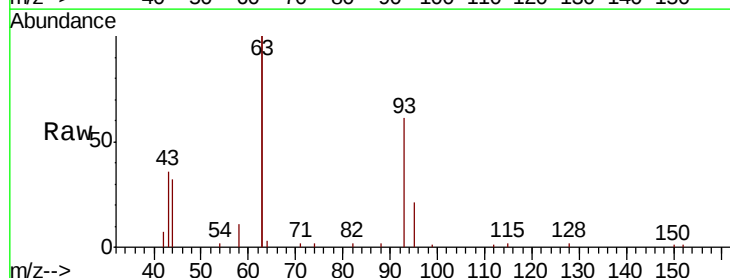
RT: 7.19 min Scan# 376

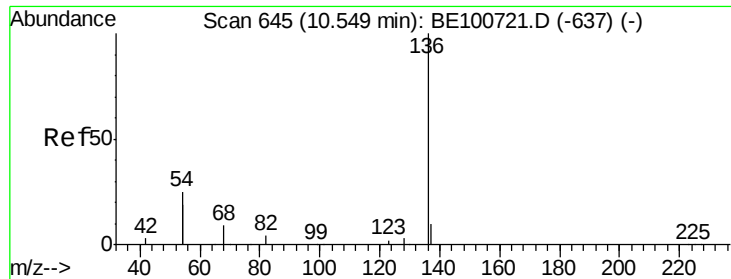
Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Tgt Ion:	93	Resp:	3648
Ion	Ratio	Lower	Upper
93	100		
63	339.1	260.7	391.1
95	32.3	24.2	36.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.55 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

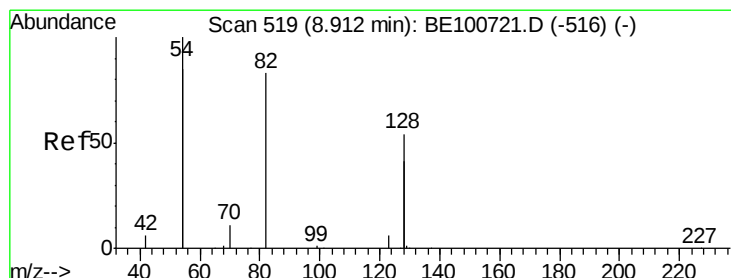
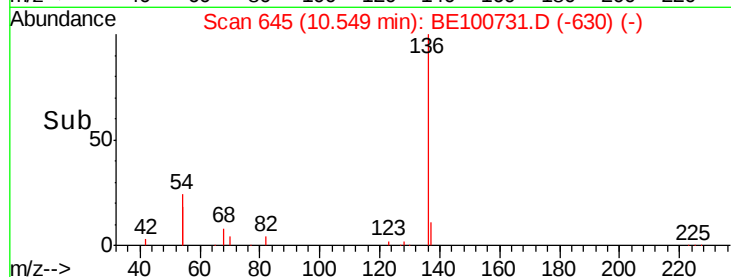
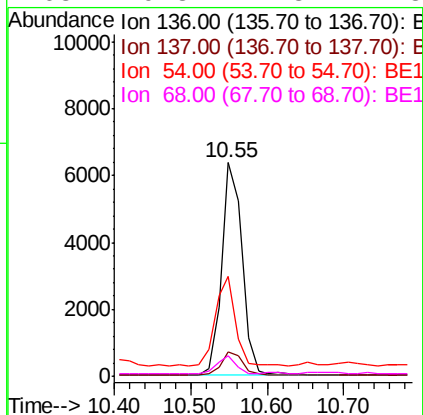
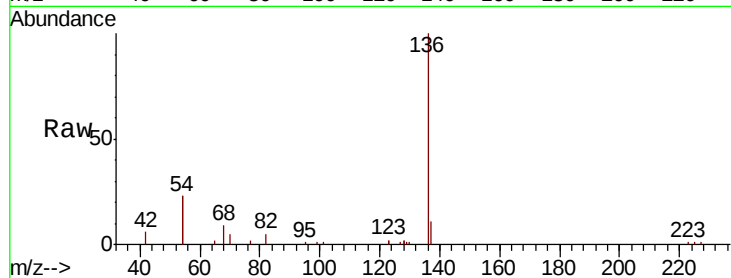
ClientSampleId :

PB124646BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	46.7	39.0	58.6
68	9.3	7.8	11.8

Manual Integrations
APPROVED

mohammad
11/18/2019 3:05:12 PM



#8

Nitrobenzene-d5

Concen: 0.327 ng

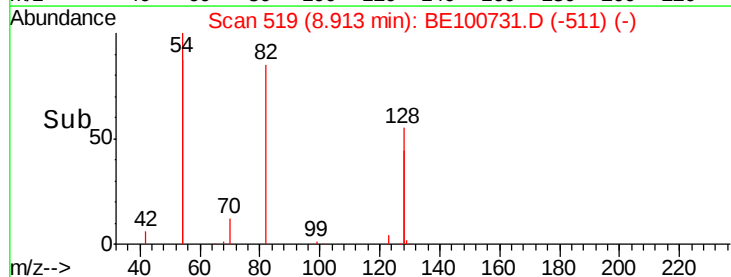
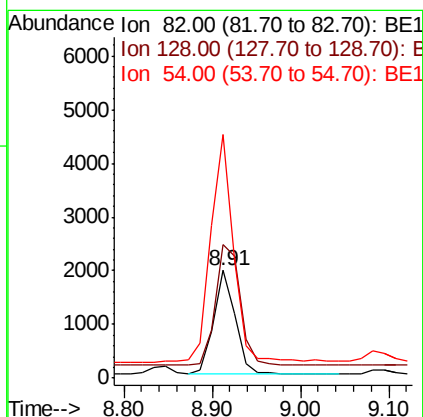
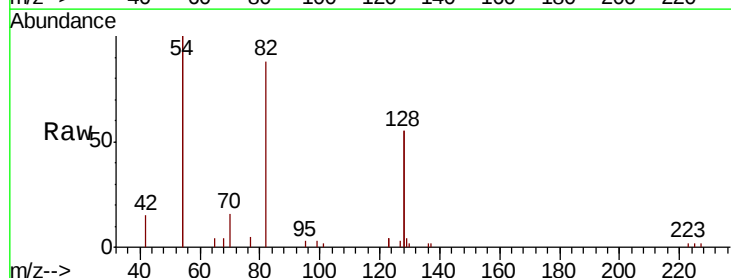
RT: 8.91 min Scan# 519

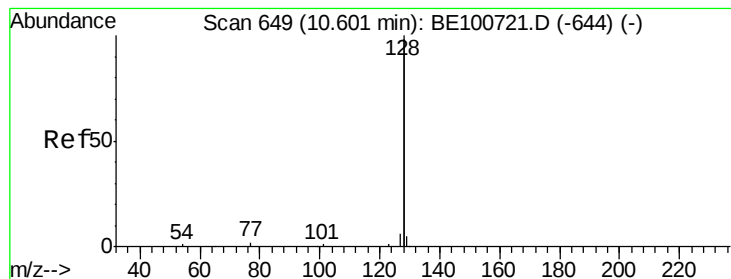
Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	124.3	99.6	149.4
54	226.7	183.8	275.8





#9

Naphthalene

Concen: 0.349 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

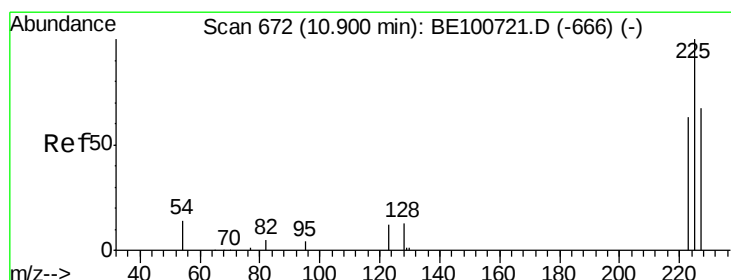
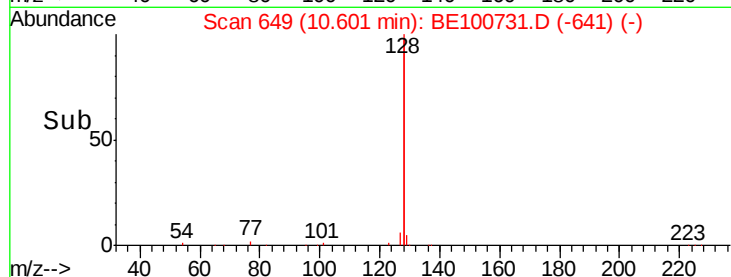
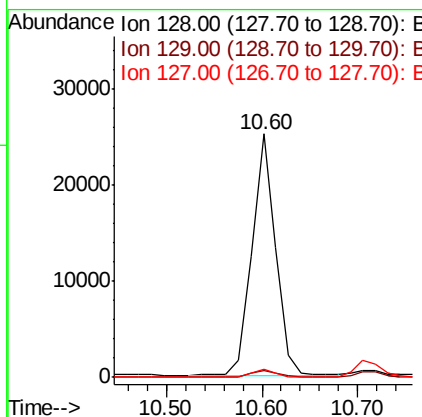
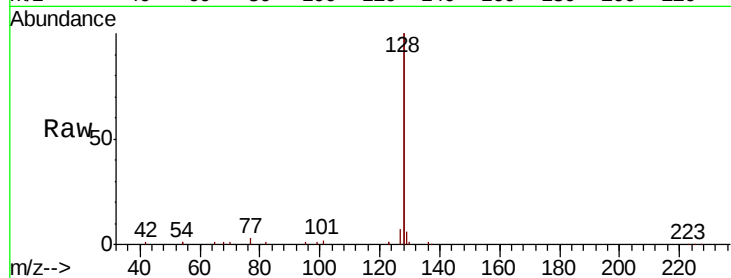
ClientSampleId :

PB124646BSD

Tot Ion:128	Resp:	42718
Ion Ratio	Lower	Upper
128 100		
129 2.9	2.4	3.6
127 3.4	2.7	4.1

Manual Integrations
APPROVED

mohammad
11/18/2019 3:05:12 PM



#10

Hexachlorobutadiene

Concen: 0.275 ng

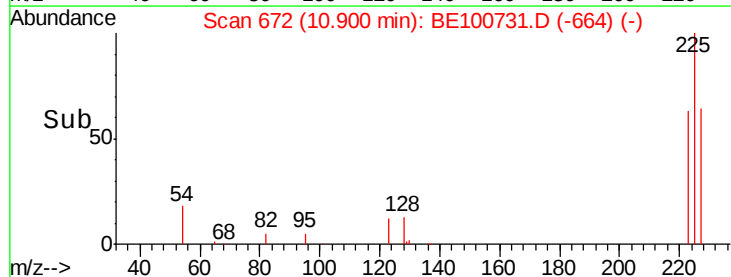
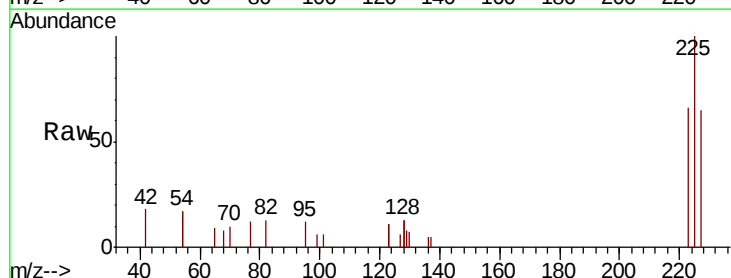
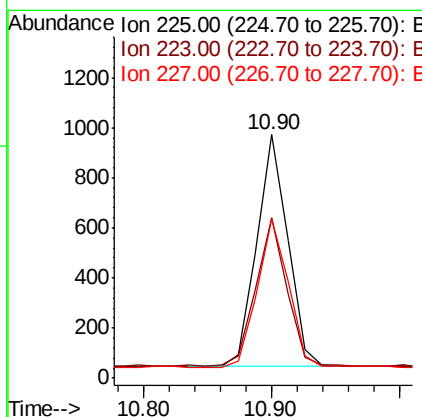
RT: 10.90 min Scan# 672

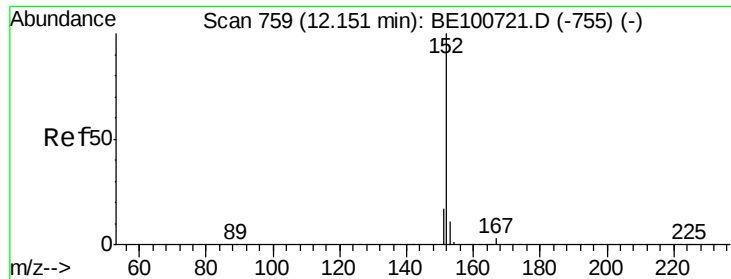
Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Tgt Ion:225	Resp:	1555
Ion Ratio	Lower	Upper
225 100		
223 63.0	50.6	76.0
227 63.9	53.0	79.6





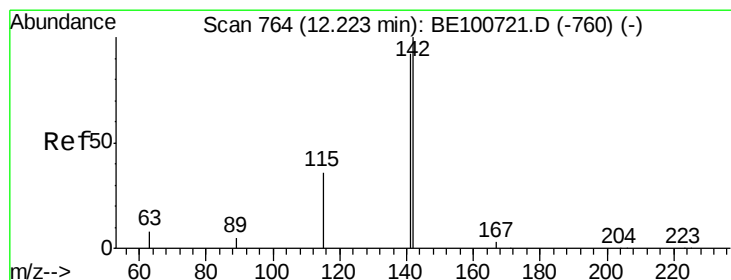
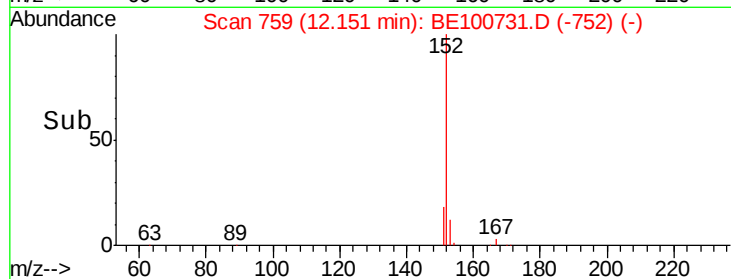
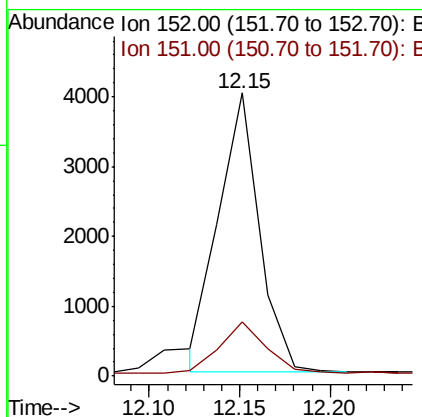
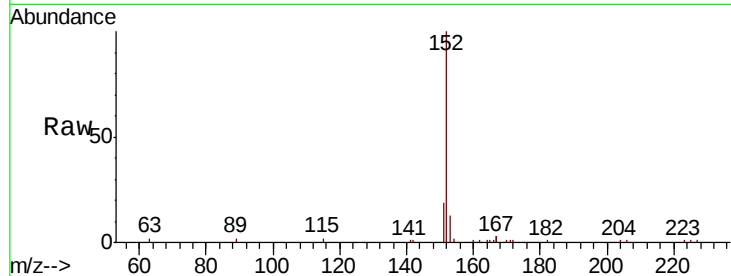
#11
2-Methylnaphthalene-d10
Concen: 0.334 ng m
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion:152 Resp: 6275
Ion Ratio Lower Upper
152 100
151 20.4 14.2 21.4

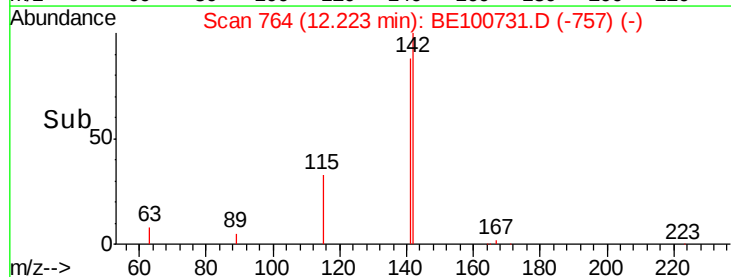
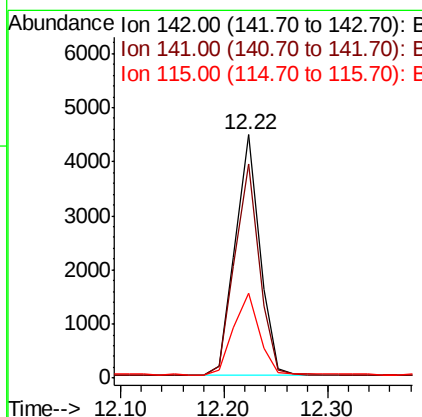
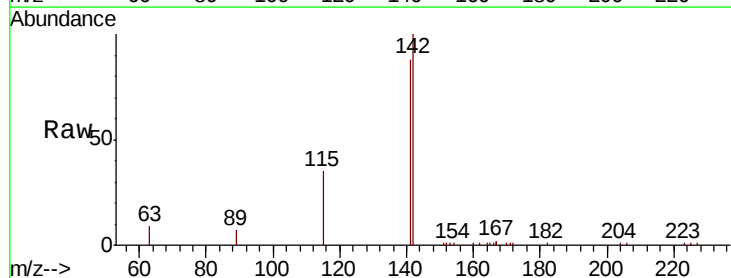
Manual Integrations
APPROVED

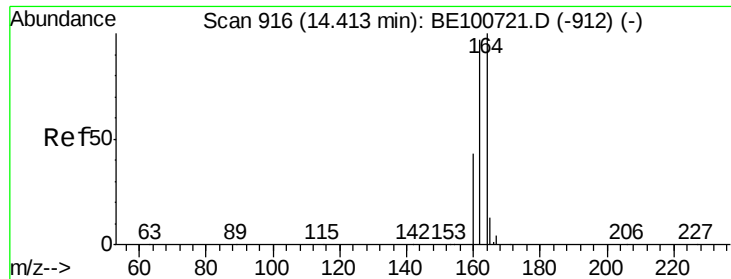
mohammad
11/18/2019 3:05:12 PM



#12
2-Methylnaphthalene
Concen: 0.353 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion:142 Resp: 7359
Ion Ratio Lower Upper
142 100
141 88.0 73.3 109.9
115 34.7 29.9 44.9





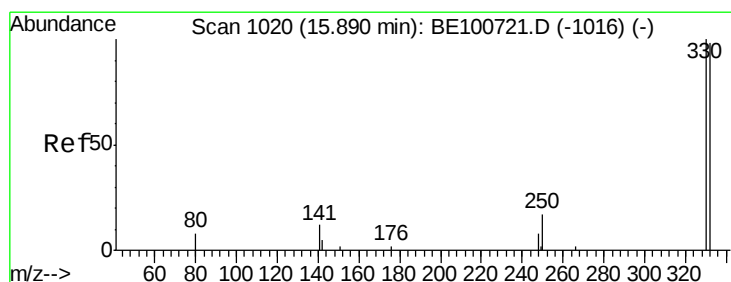
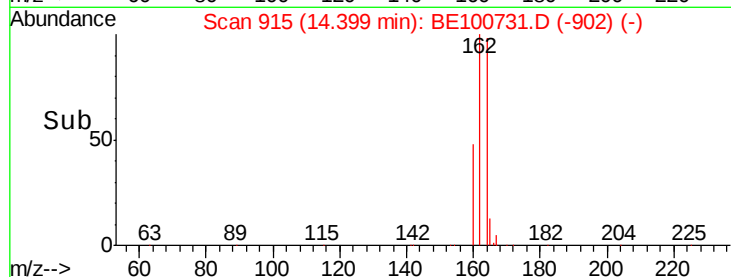
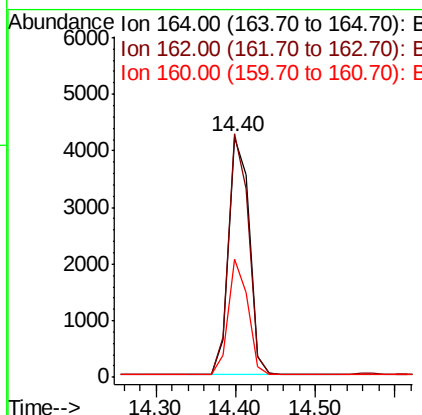
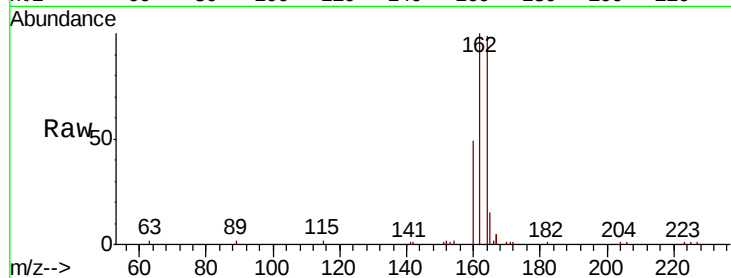
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BE100731.D
 Acq: 15 Nov 2019 11:18

Instrument :
 BNA_E
 ClientSampleId :
 PB124646BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	77.8	116.8
160	49.2	35.3	52.9

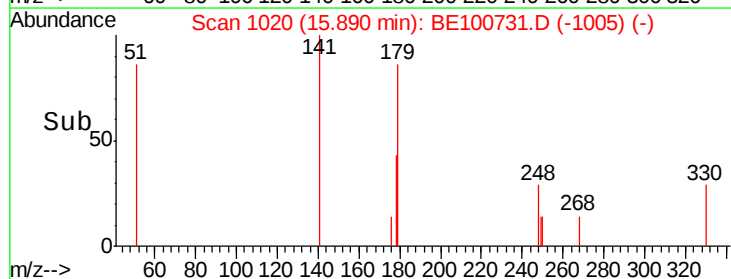
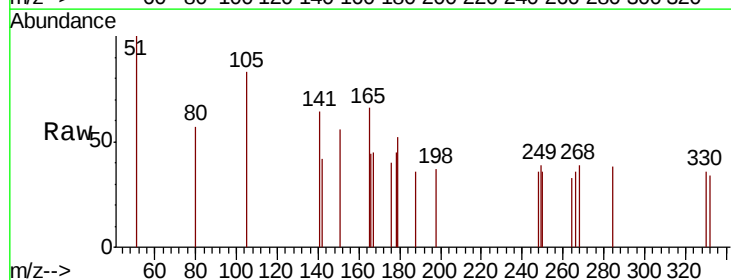
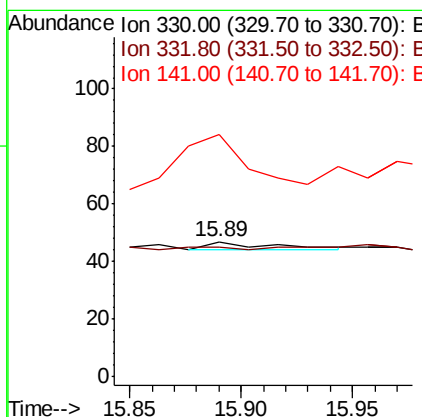
Manual Integrations
 APPROVED

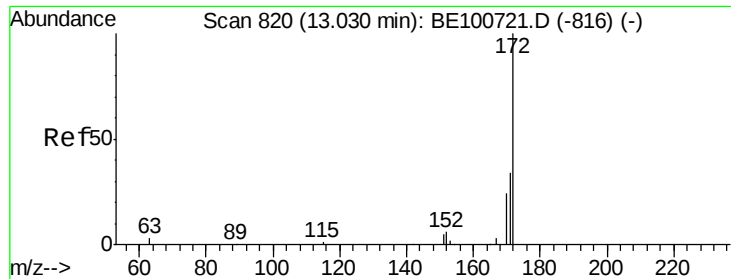
mohammad
 11/18/2019 3:05:12 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.021 ng
 RT: 15.89 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BE100731.D
 Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	85.0	127.6#
141	683.3	28.2	42.2#





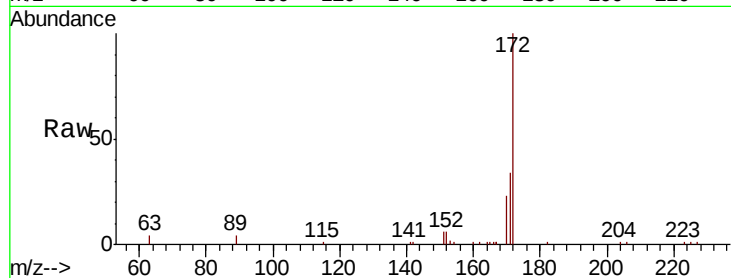
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.1	42.1
170	23.4	19.8	29.6

Manual Integrations
APPROVED

mohammad
11/18/2019 3:05:12 PM

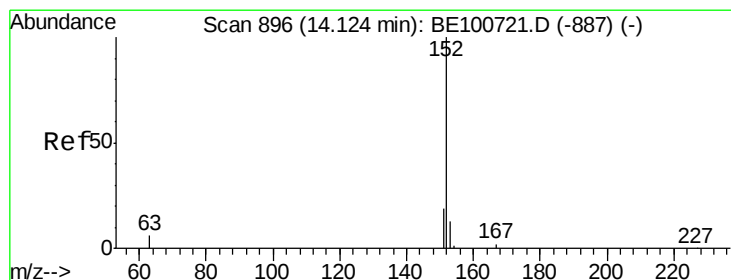
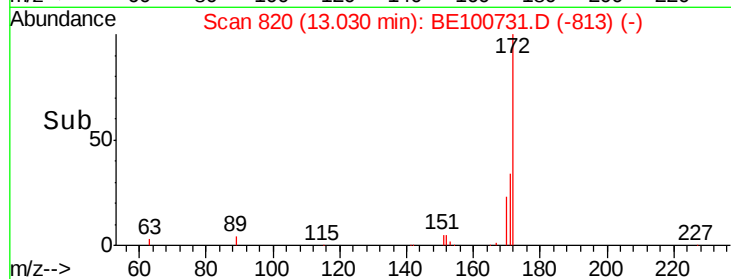
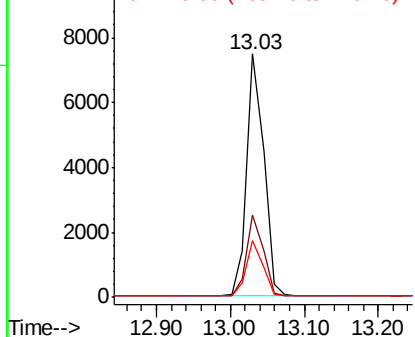


Abundance

Ion 172.00 (171.70 to 172.70): E

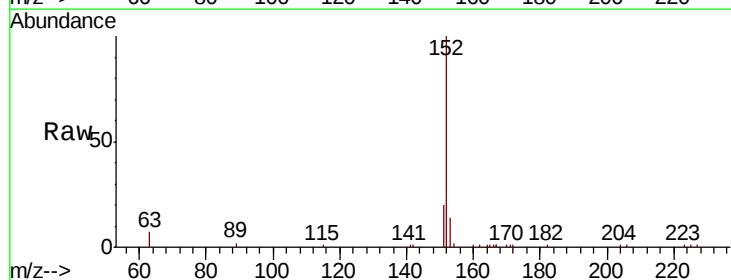
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	14.9	22.3
153	12.8	10.7	16.1

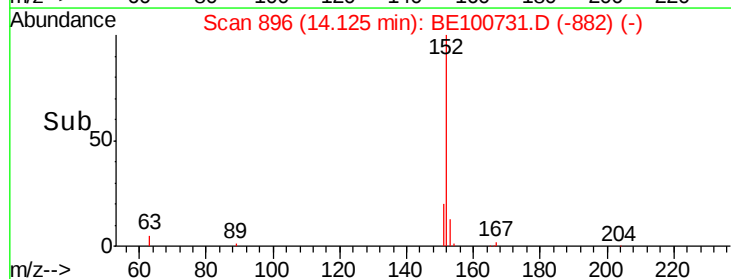
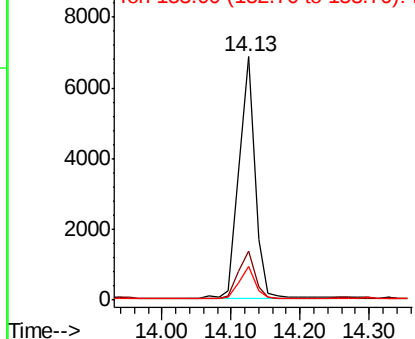


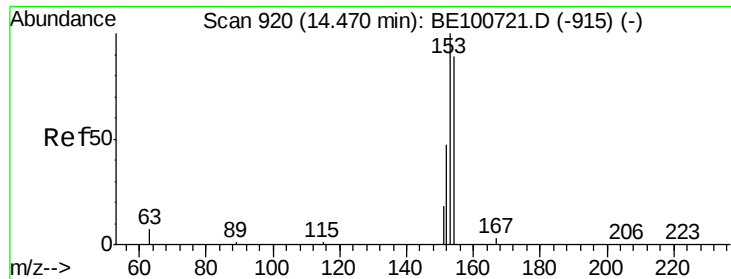
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





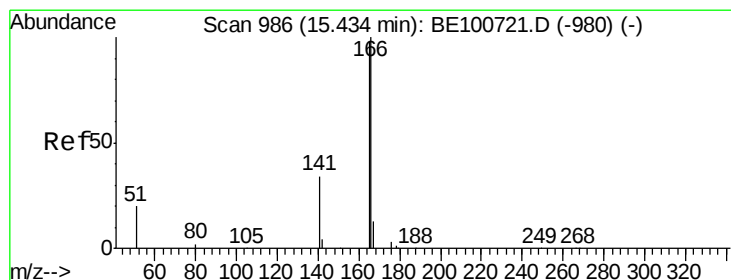
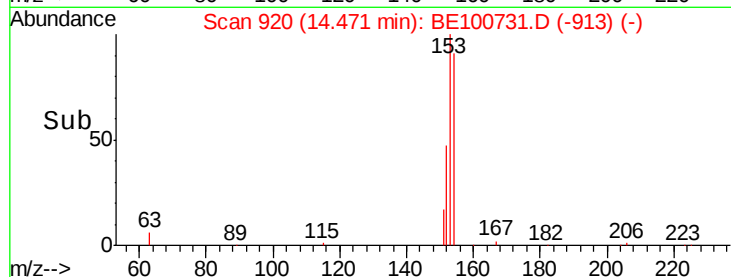
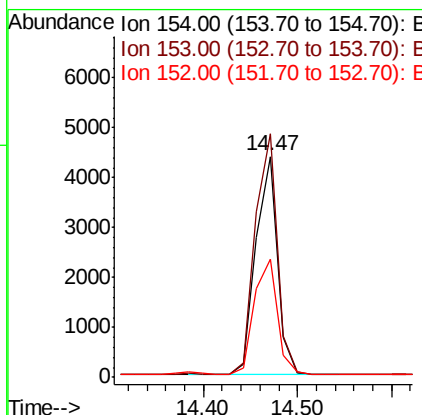
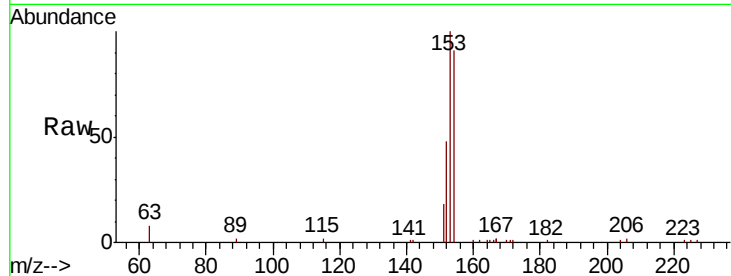
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.9	137.9
152	56.4	44.8	67.2

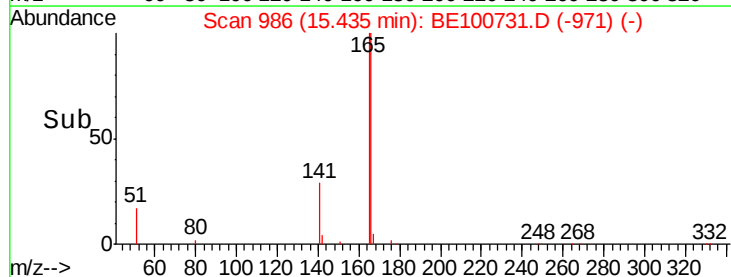
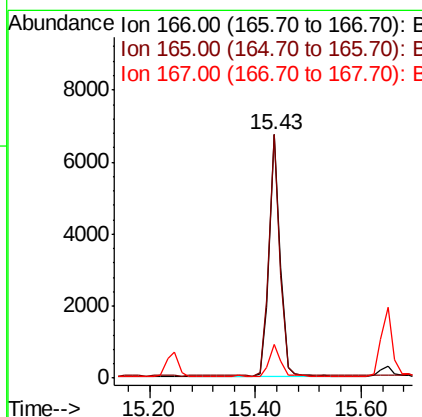
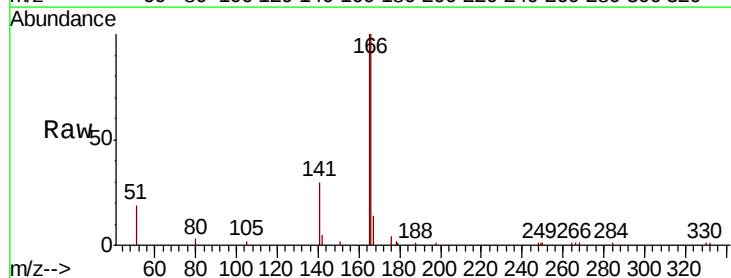
Manual Integrations
APPROVED

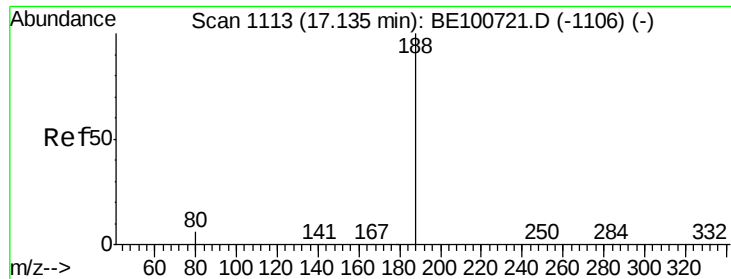
mohammad
11/18/2019 3:05:12 PM



#18
Fluorene
Concen: 0.355 ng
RT: 15.43 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.4
167	13.3	10.6	16.0





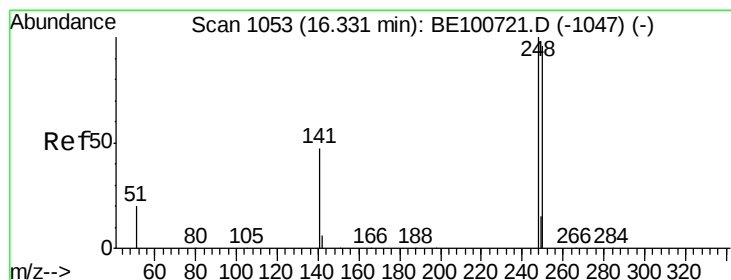
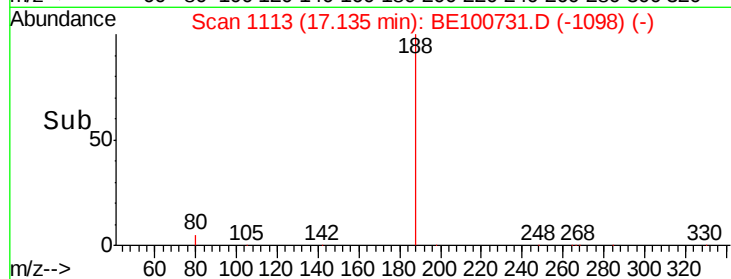
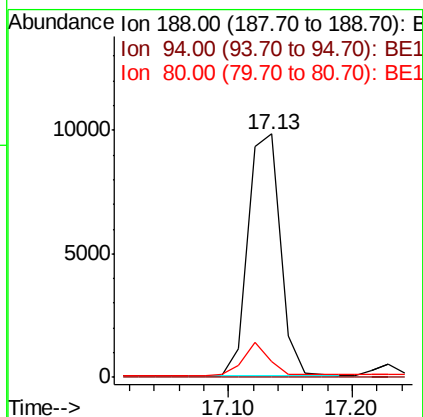
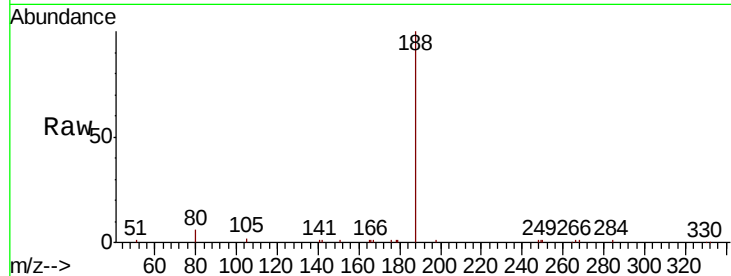
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	6.4	5.4	8.0

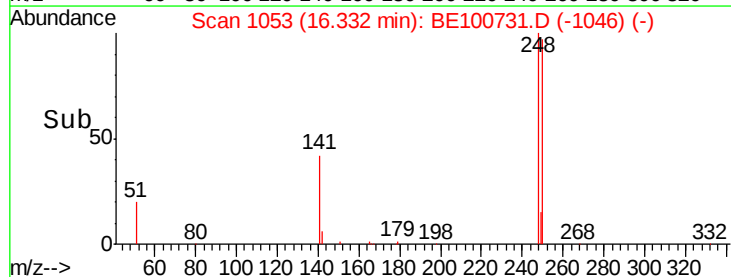
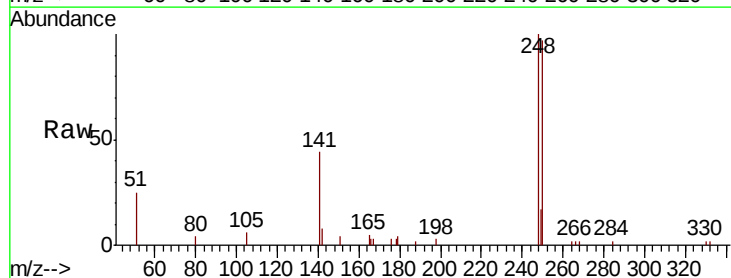
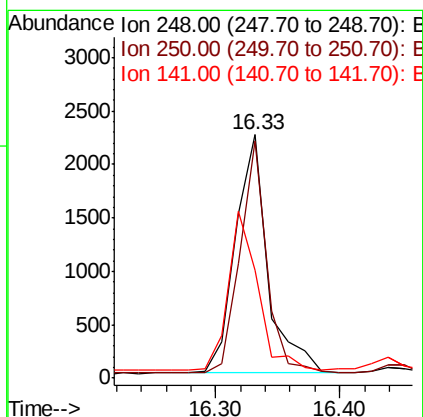
Manual Integrations
APPROVED

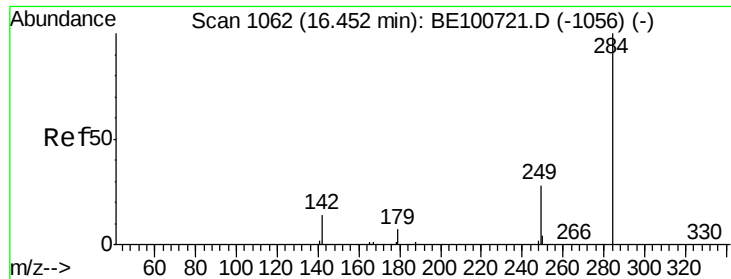
mohammad
11/18/2019 3:05:12 PM



#20
4-Bromophenyl-phenylether
Concen: 0.435 ng
RT: 16.33 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	97.4	77.1	115.7
141	44.3	38.6	58.0





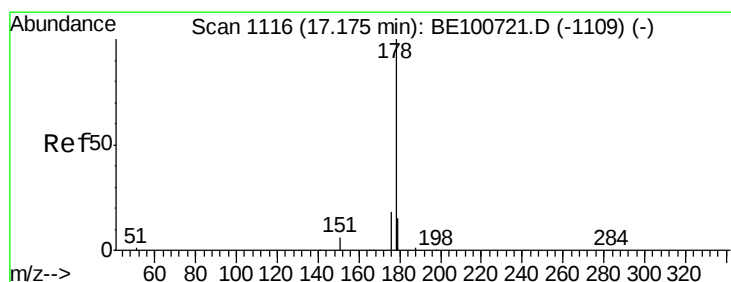
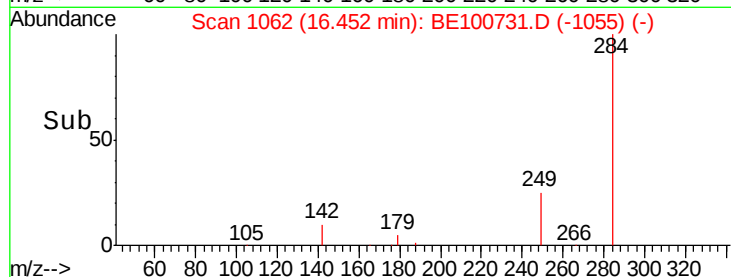
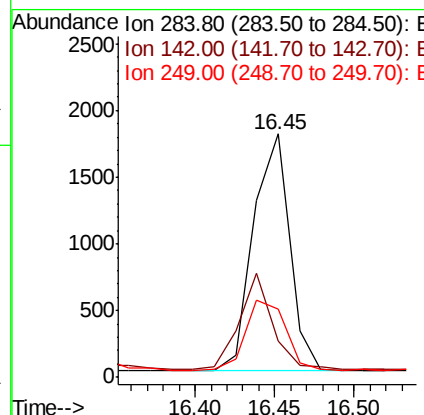
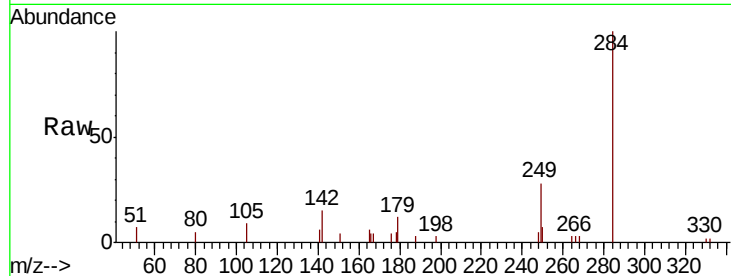
#21
Hexachlorobenzene
Concen: 0.307 ng
RT: 16.45 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.5	28.2	42.2
249	32.7	26.5	39.7

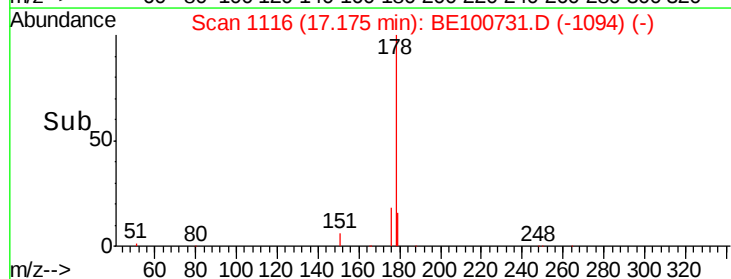
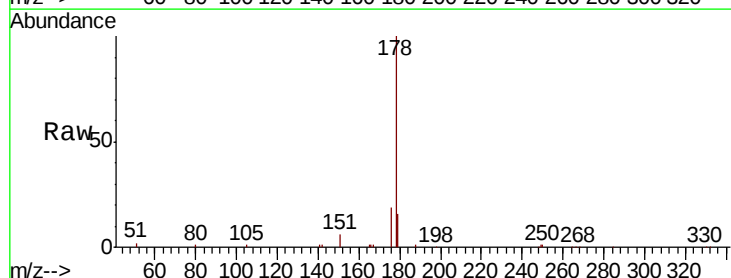
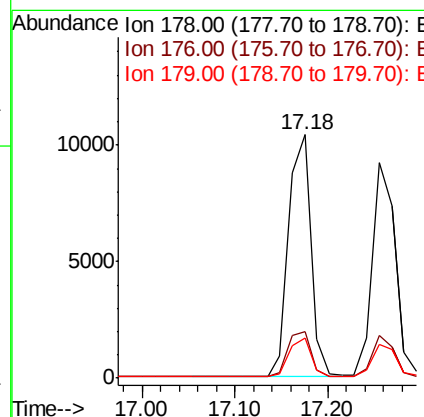
Manual Integrations
APPROVED

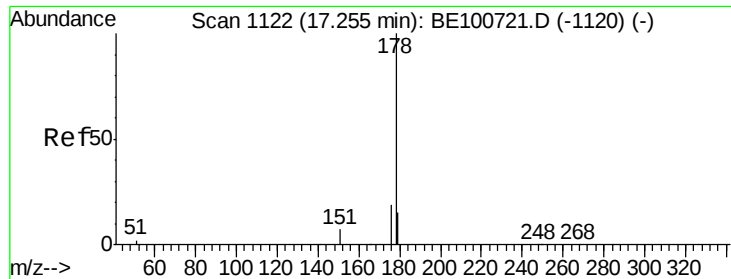
mohammad
11/18/2019 3:05:12 PM



#23
Phenanthrene
Concen: 0.365 ng
RT: 17.18 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.0	12.6	18.8





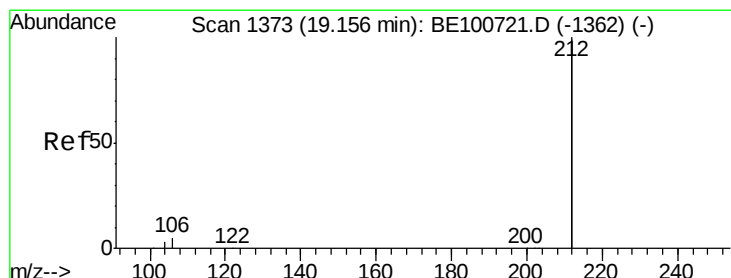
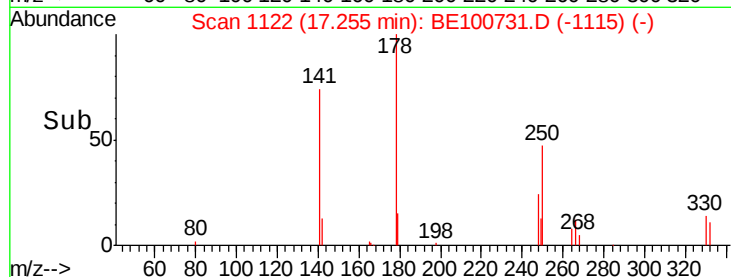
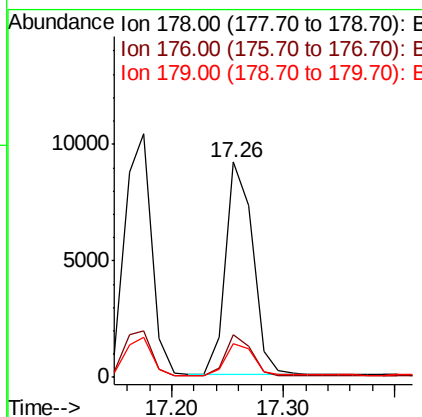
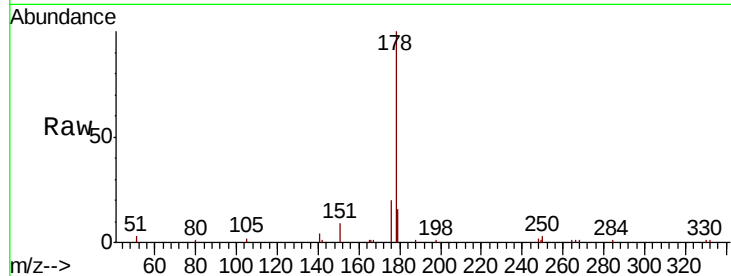
#24
 Anthracene
 Concen: 0.359 ng
 RT: 17.26 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BE100731.D
 Acq: 15 Nov 2019 11:18

Instrument :
 BNA_E
 ClientSampleId :
 PB124646BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.6	12.6	18.8

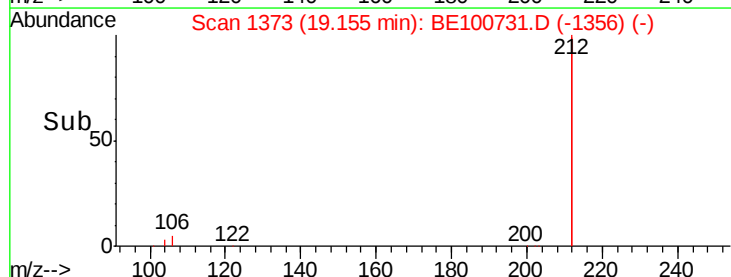
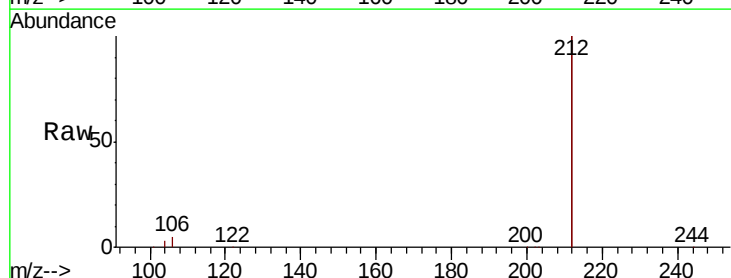
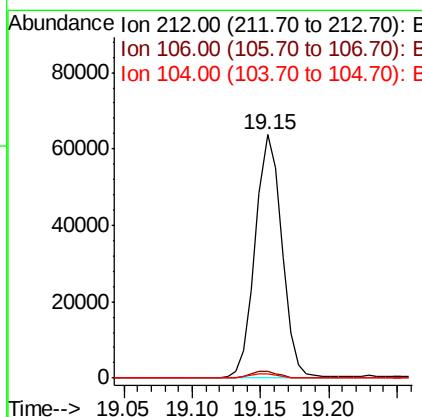
Manual Integrations
 APPROVED

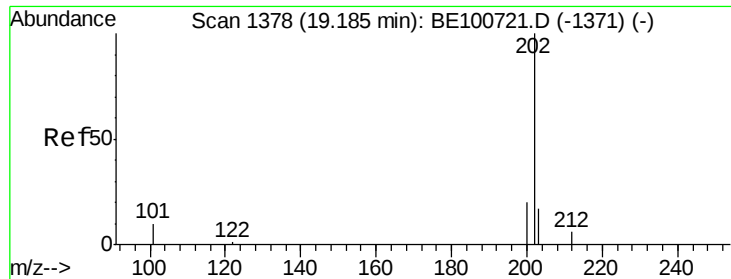
mohammad
 11/18/2019 3:05:12 PM



#25
 Fluoranthene-d10
 Concen: 0.363 ng
 RT: 19.15 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BE100731.D
 Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.5	1.2	1.8





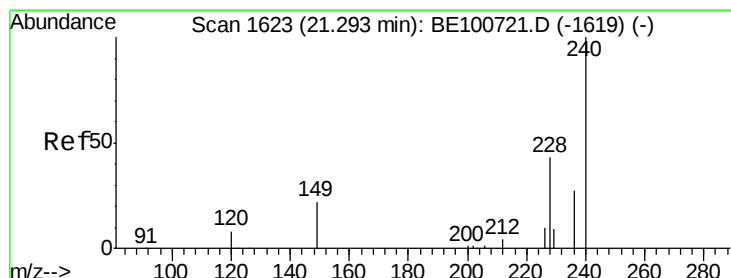
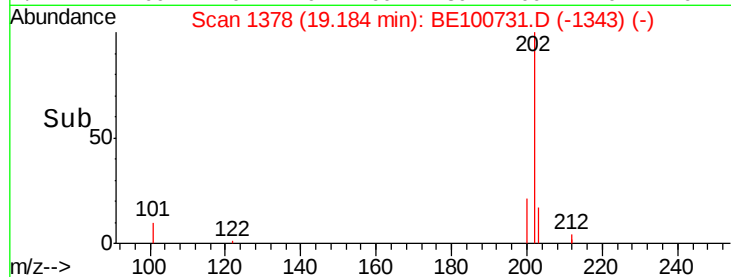
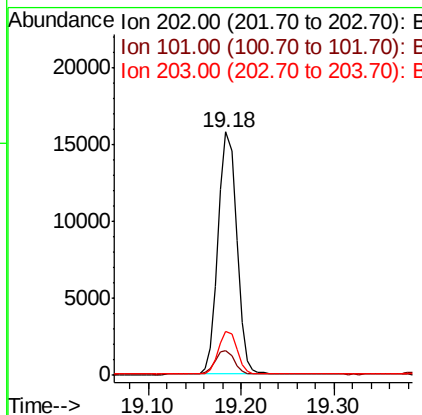
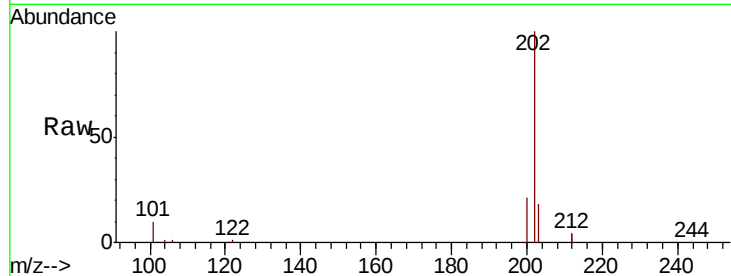
#26
Fluoranthene
Concen: 0.341 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.6	12.8
203	17.7	13.6	20.4

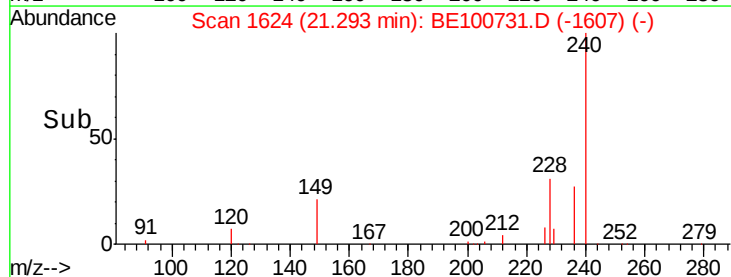
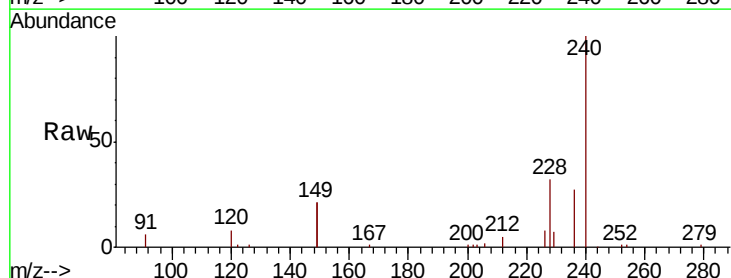
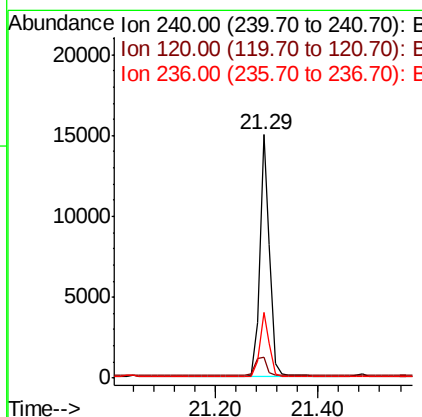
Manual Integrations
APPROVED

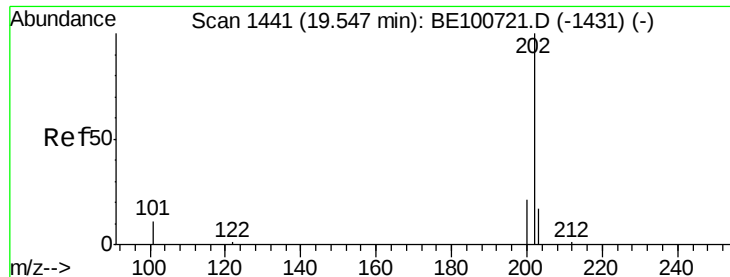
mohammad
11/18/2019 3:05:12 PM



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.4	11.0
236	27.1	21.8	32.6





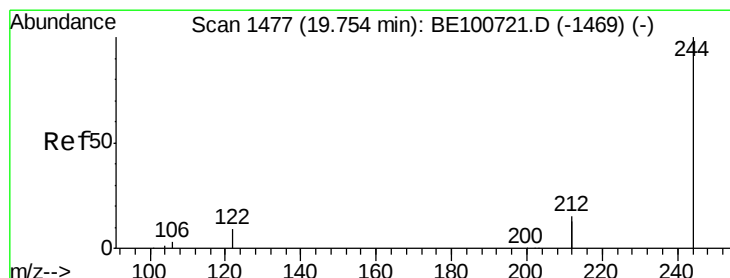
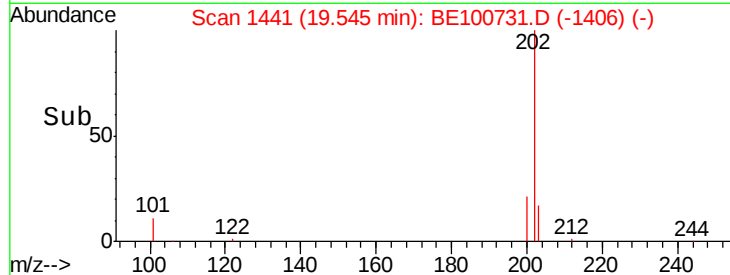
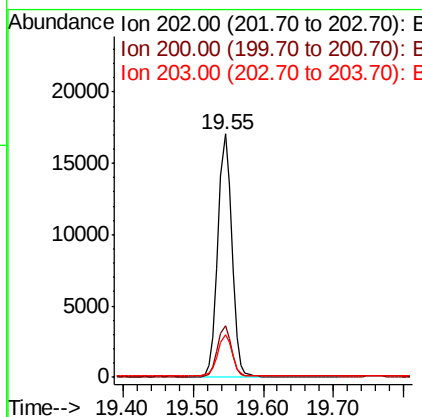
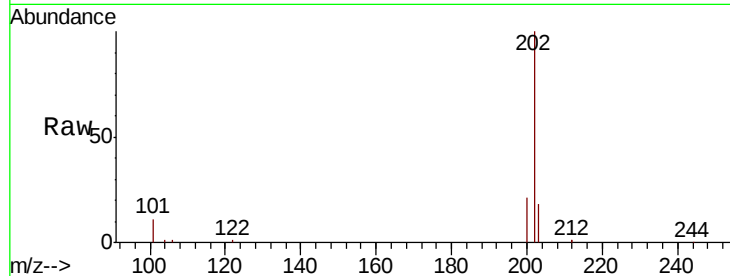
#28
Pvrene
Concen: 0.407 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.0	14.0	21.0

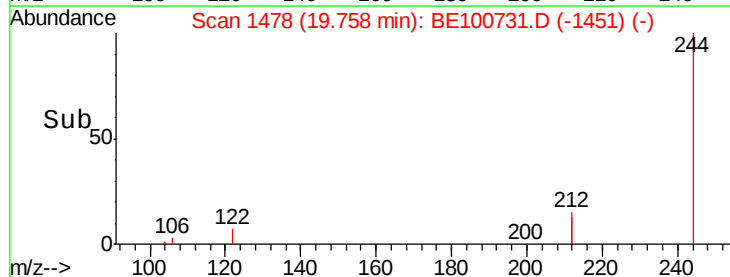
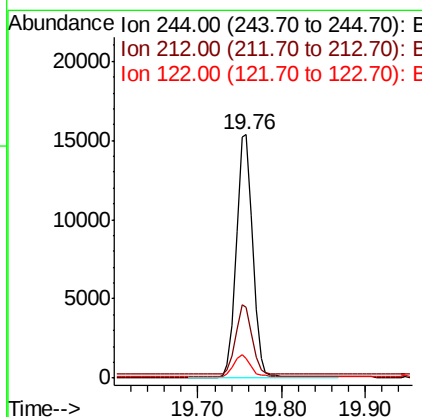
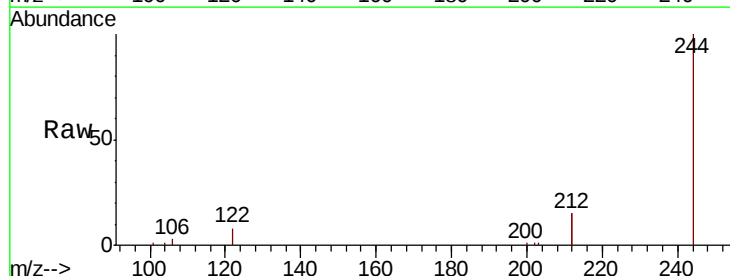
Manual Integrations
APPROVED

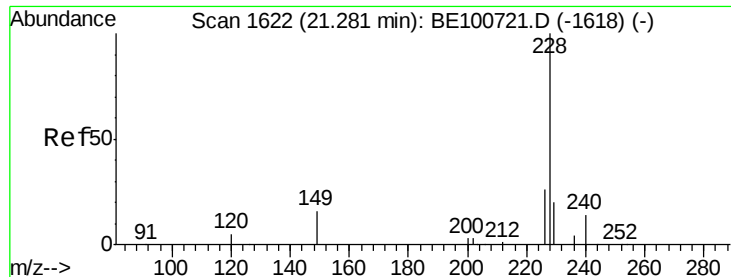
mohammad
11/18/2019 3:05:12 PM



#29
Terphenyl-d14
Concen: 0.426 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	29.0	24.3	36.5
122	8.2	7.6	11.4





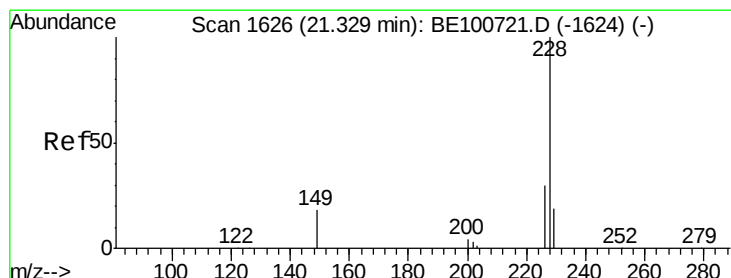
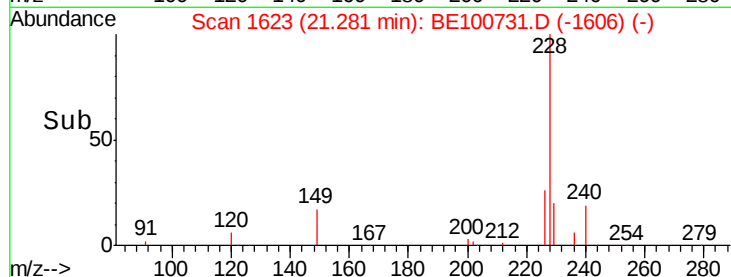
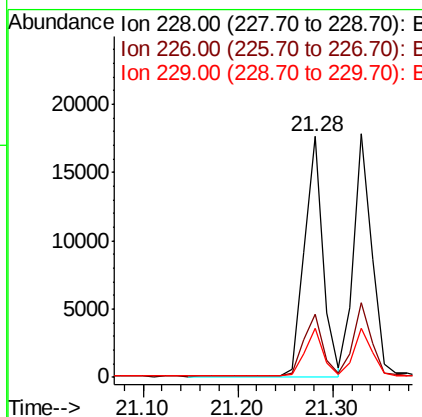
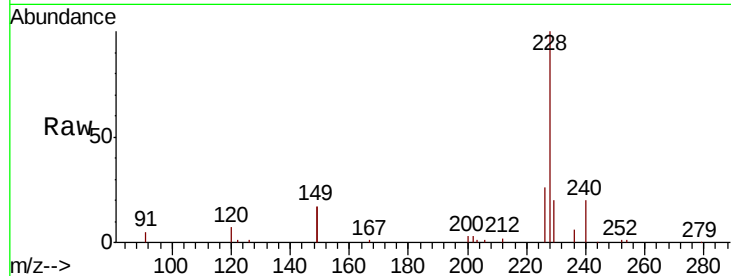
#30
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.1	31.7
229	20.2	15.9	23.9

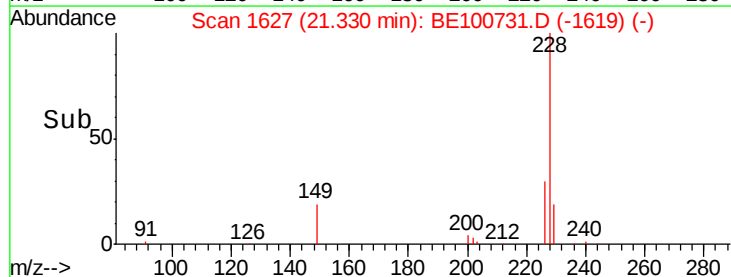
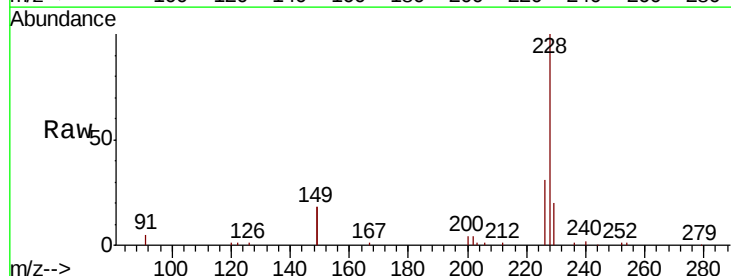
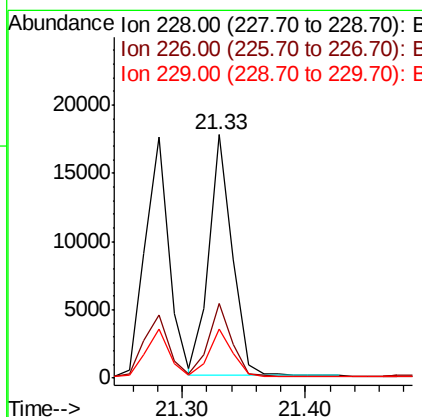
Manual Integrations
APPROVED

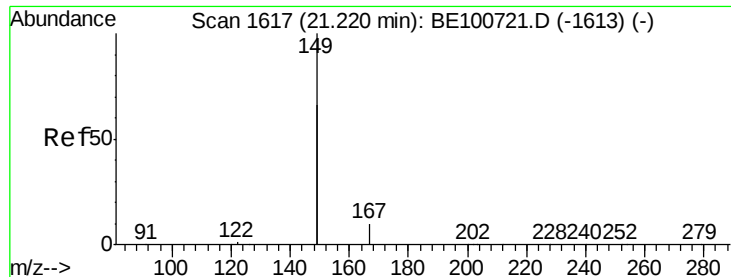
mohammad
11/18/2019 3:05:12 PM



#31
Chrysene
Concen: 0.349 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	20.0	15.5	23.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.618 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

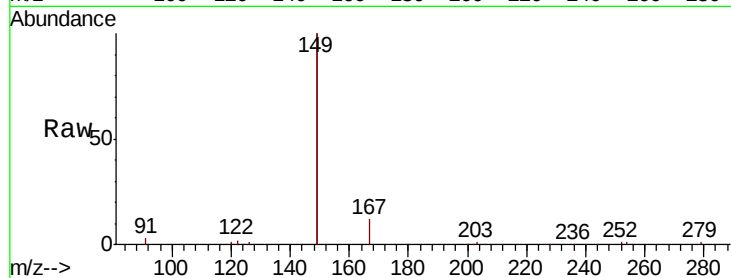
ClientSampleId :

PB124646BSD

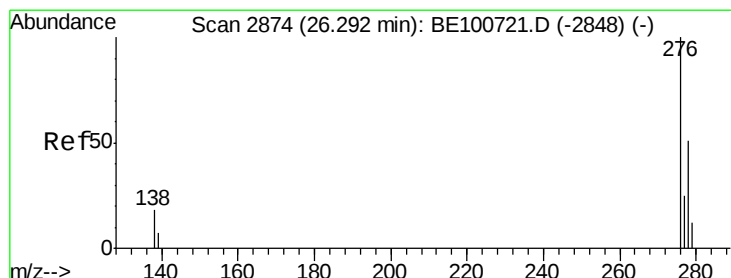
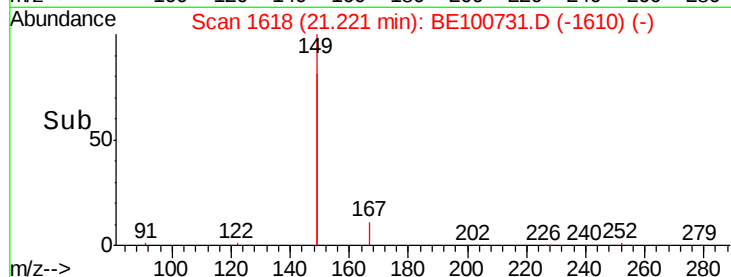
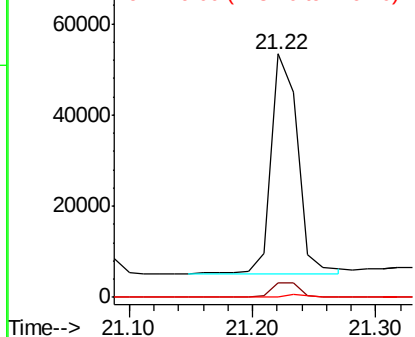
Tot Ion:	149	Resp:	72333
Ion Ratio	Lower	Upper	
149	100		
167	6.7	5.2	7.8
279	1.1	0.9	1.3

Manual Integrations
APPROVED

mohammad
11/18/2019 3:05:12 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.333 ng

RT: 26.29 min Scan# 2874

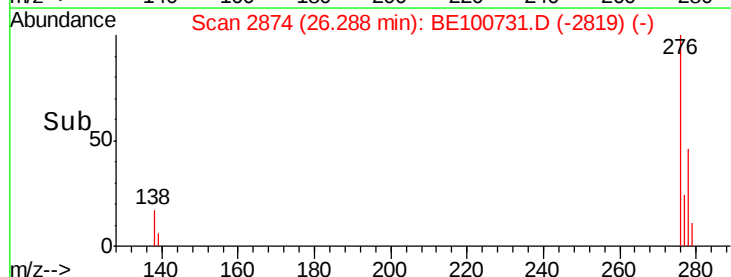
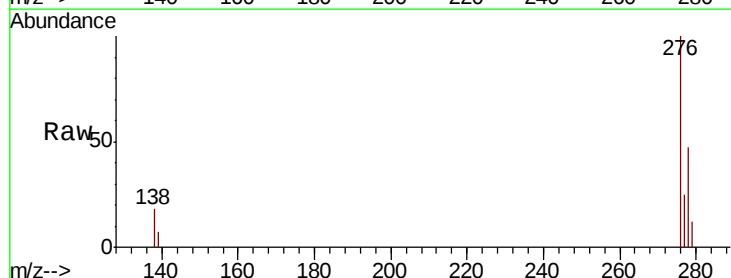
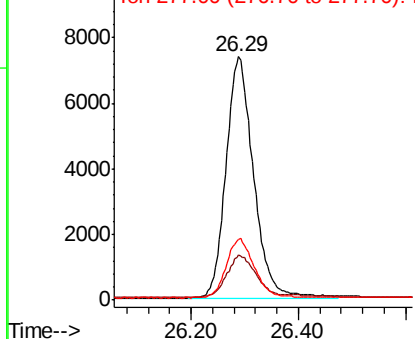
Delta R.T. -0.00 min

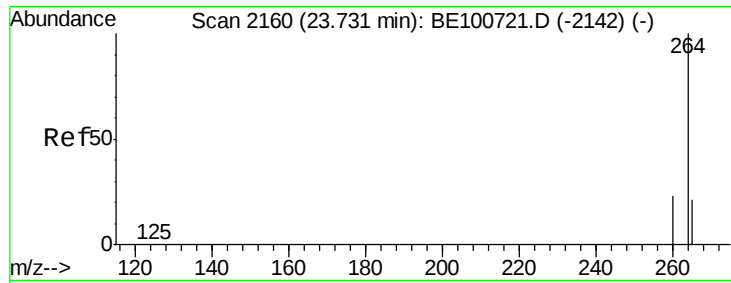
Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Tgt Ion:	276	Resp:	26169
Ion Ratio	Lower	Upper	
276	100		
138	18.2	14.8	22.2
277	24.5	19.6	29.4

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





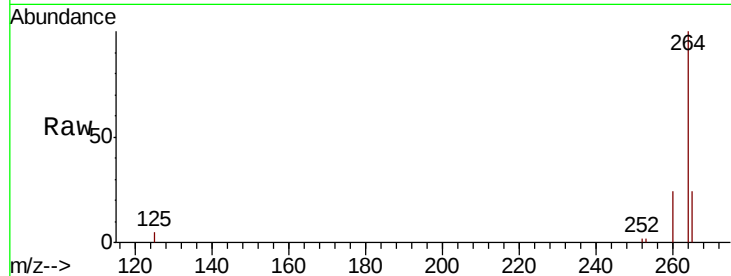
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	23.8	19.7	29.5

Manual Integrations
APPROVED

mohammad
11/18/2019 3:05:12 PM

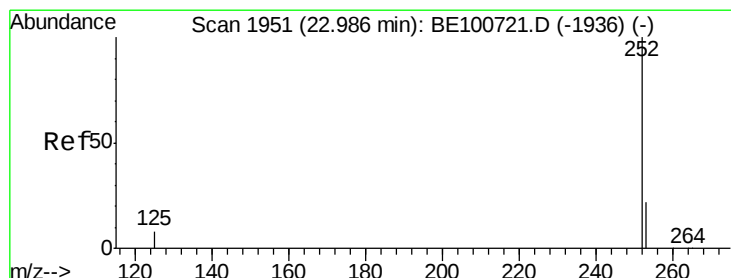
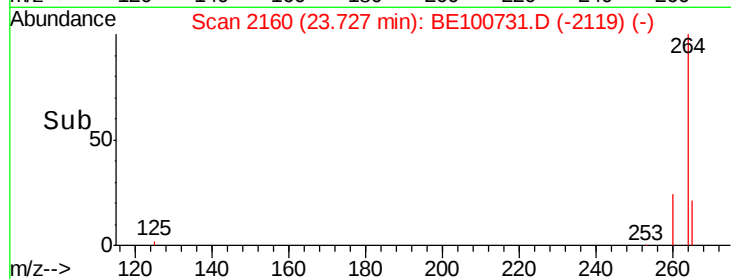
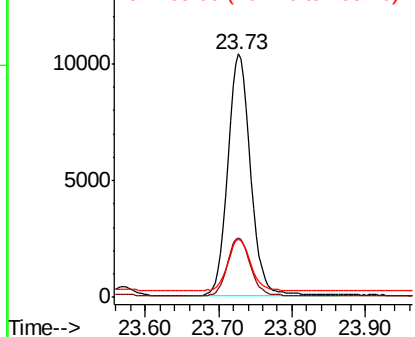


Abundance

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: 0.352 ng
RT: 22.99 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

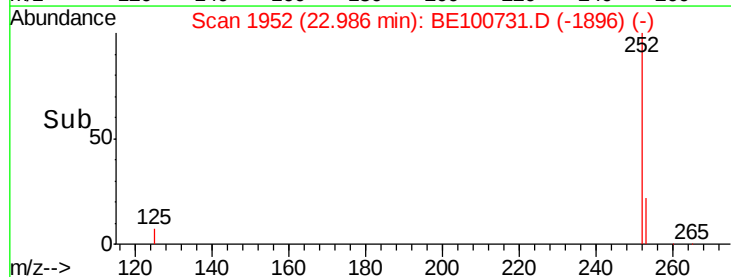
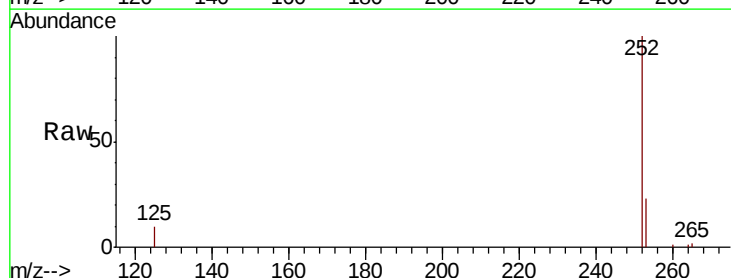
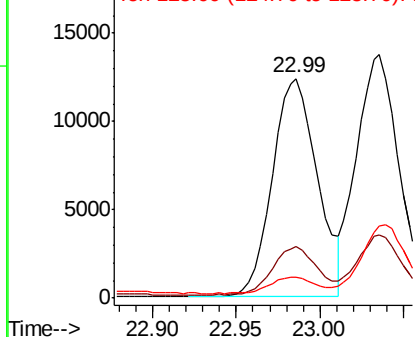
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	9.5	7.0	10.4

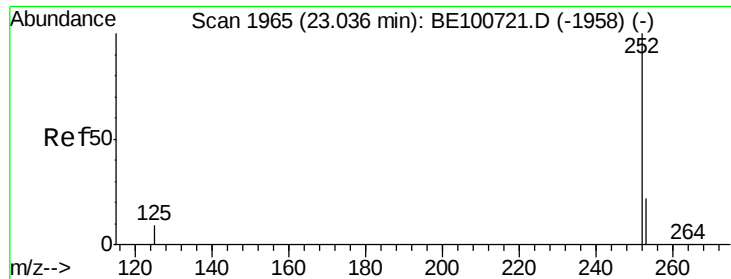
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





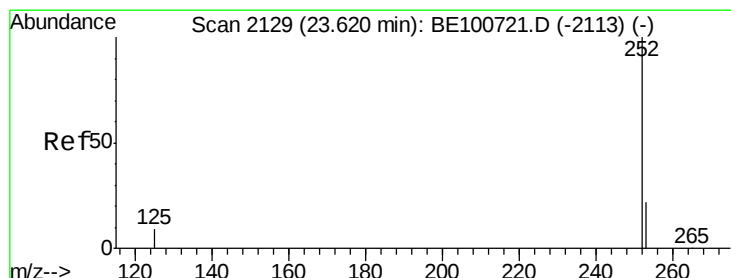
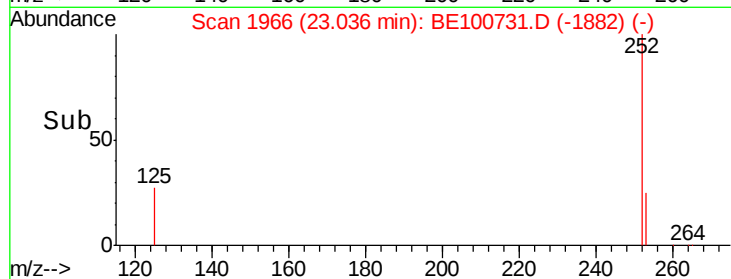
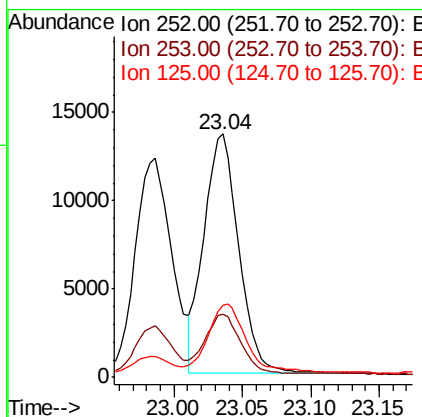
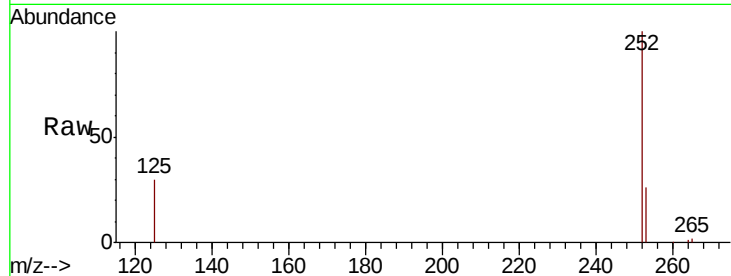
#36
Benzo(k)fluoranthene
Concen: 0.349 ng m
RT: 23.04 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.6	27.8
125	29.7	7.6	11.4

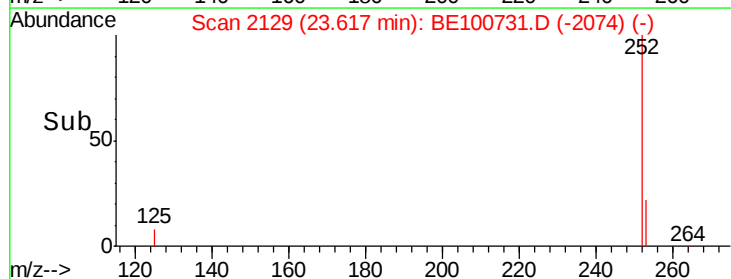
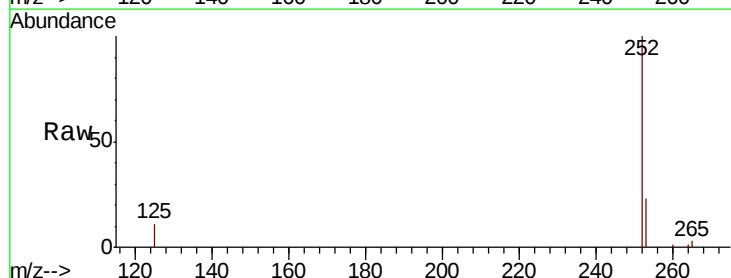
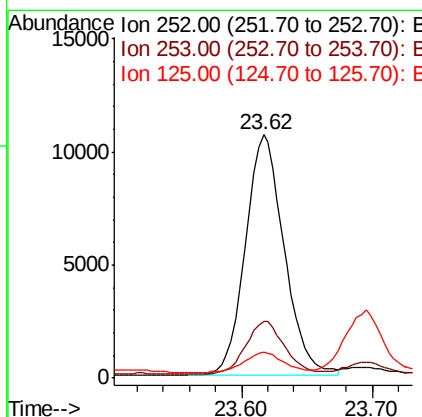
Manual Integrations
APPROVED

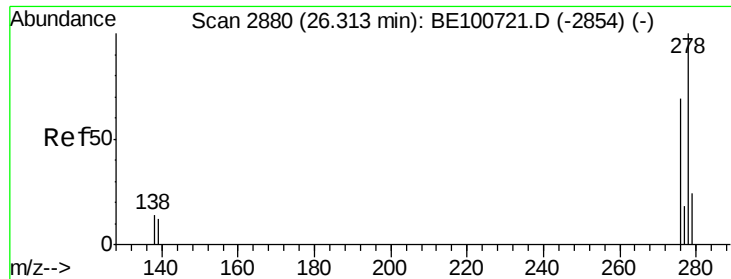
mohammad
11/18/2019 3:05:12 PM



#37
Benzo(a)pyrene
Concen: 0.357 ng
RT: 23.62 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	10.8	7.9	11.9





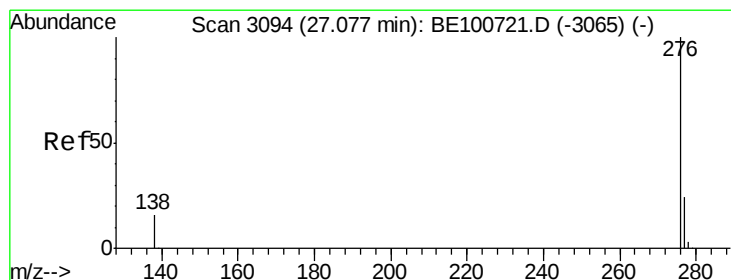
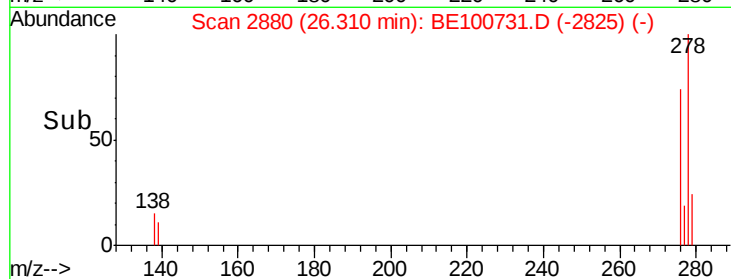
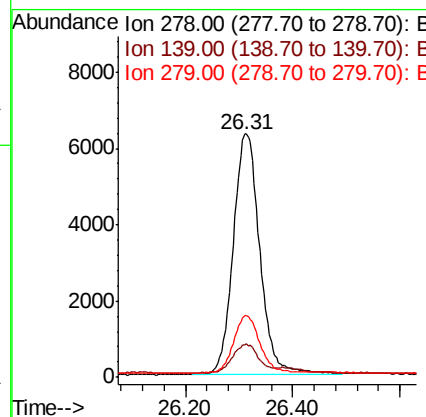
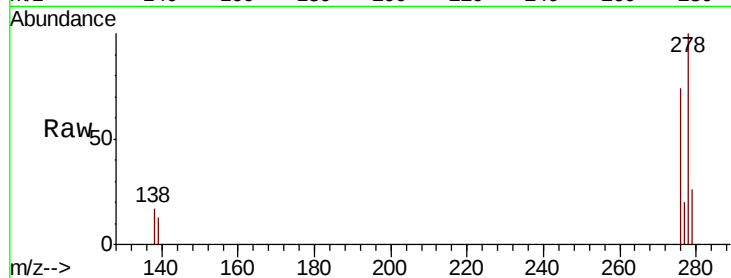
#38
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 26.31 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.3	15.5
279	25.7	20.6	31.0

Manual Integrations
APPROVED

mohammad
11/18/2019 3:05:12 PM



#39
Benzo(g,h,i)perylene
Concen: 0.348 ng
RT: 27.07 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.6
138	17.0	13.6	20.4

