

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099183.D
 Acq On : 25 Mar 2019 15:51
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE032519

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:14:10 PM

Quant Time: Mar 26 07:05:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3991	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	18203	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	12891	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	33975	0.40	ng	0.00
27) Chrysene-d12	21.38	240	37185	0.40	ng	-0.01
34) Perylene-d12	23.89	264	38168	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	4080	0.34	ng	0.00
5) Phenol-d6	6.99	99	6094	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	5018	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	12360	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1215	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	18787	0.36	ng	0.00
25) Fluoranthene-d10	19.24	212	142700	0.35	ng	0.00
29) Terphenyl-d14	19.83	244	29390	0.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	1736	0.330	ng	# 89
3) n-Nitrosodimethylamine	3.67	42	837	0.284	ng	# 95
6) bis(2-Chloroethyl)ether	7.26	93	4939	0.345	ng	99
9) Naphthalene	10.68	128	74730	0.348	ng	100
10) Hexachlorobutadiene	10.95	225	4062	0.355	ng	97
12) 2-Methylnaphthalene	12.30	142	13204	0.344	ng	99
16) Acenaphthylene	14.20	152	22003	0.335	ng	99
17) Acenaphthene	14.54	154	13905	0.354	ng	98
18) Fluorene	15.52	166	19223	0.348	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	7398	0.337	ng	99
21) Hexachlorobenzene	16.52	284	7379	0.348	ng	99
22) Pentachlorophenol	16.87	266	553m	0.417	ng	
23) Phenanthrene	17.26	178	34311	0.344	ng	99
24) Anthracene	17.34	178	29246	0.324	ng	99
26) Fluoranthene	19.27	202	42321	0.332	ng	99
28) Pyrene	19.63	202	43048	0.348	ng	100
30) Benzo(a)anthracene	21.37	228	40800	0.333	ng	99
31) Chrysene	21.43	228	45424	0.346	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	38892	0.266	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	38048	0.307	ng	98
35) Benzo(b)fluoranthene	23.12	252	40462	0.322	ng	99
36) Benzo(k)fluoranthene	23.17	252	46632	0.351	ng	99
37) Benzo(a)pyrene	23.78	252	38763	0.330	ng	99
38) Dibenzo(a,h)anthracene	26.58	278	30982	0.297	ng	98
39) Benzo(g,h,i)perylene	27.37	276	28465	0.272	ng	99

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

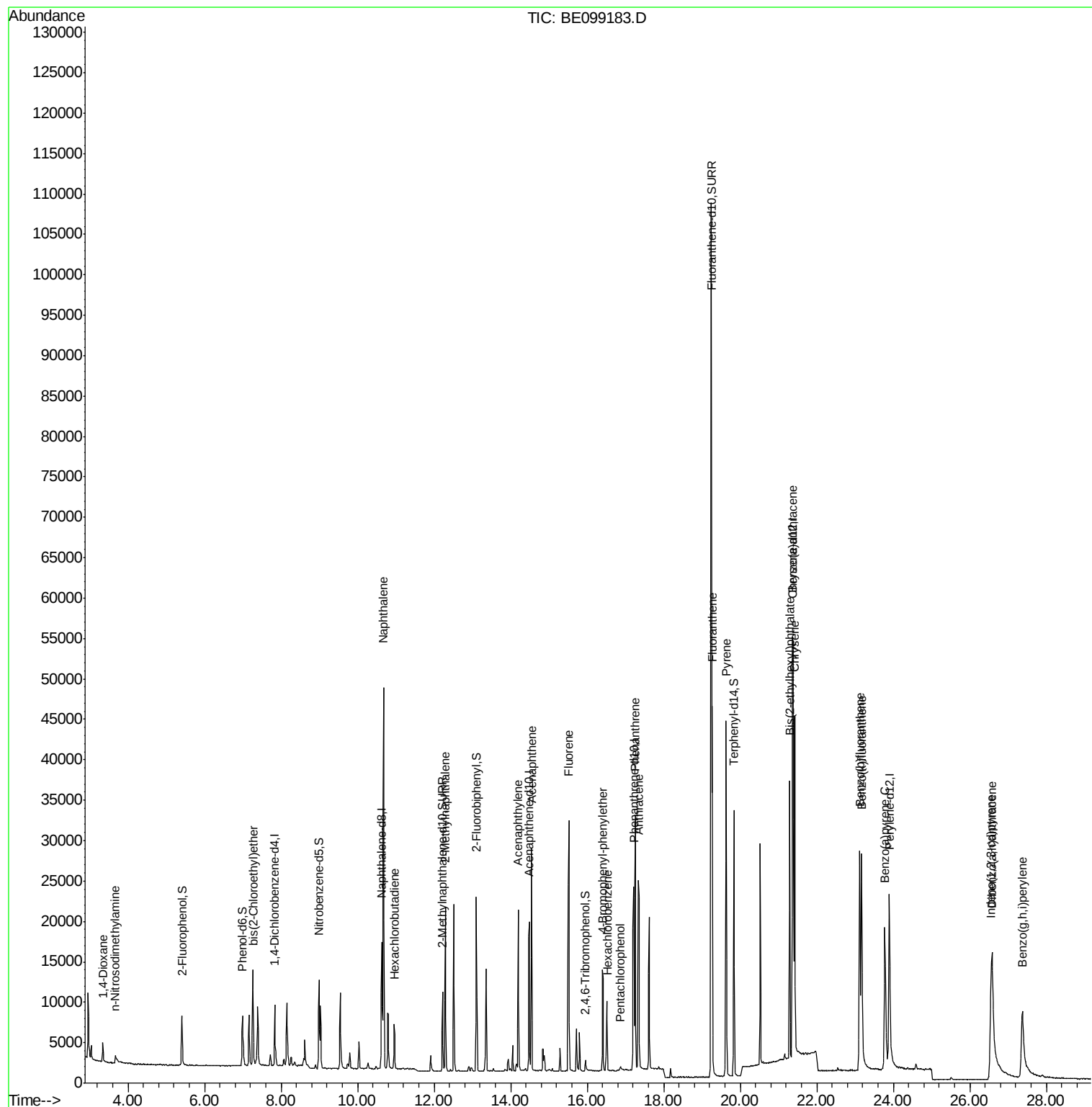
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099183.D
Acq On : 25 Mar 2019 15:51
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

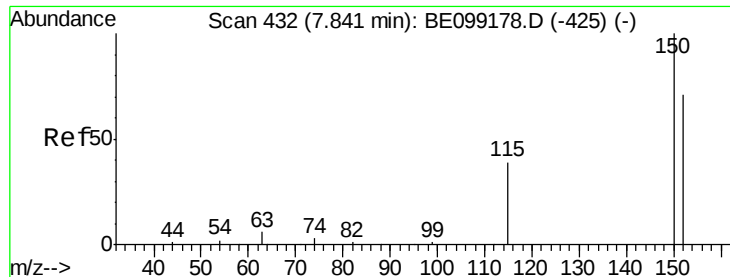
Instrument :
BNA_E
ClientSampleId :
ICVBE032519

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM

Quant Time: Mar 26 07:05:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration





#1

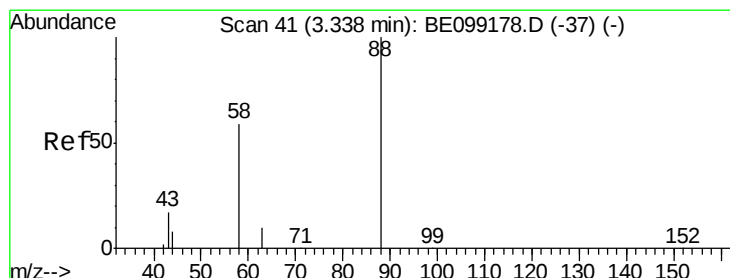
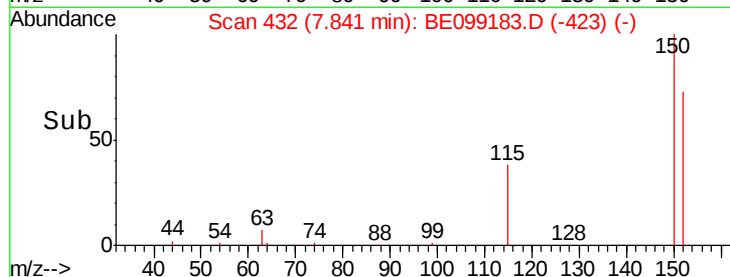
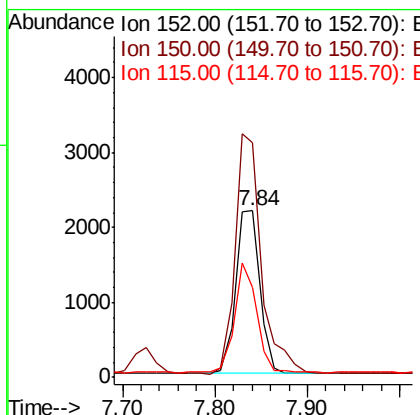
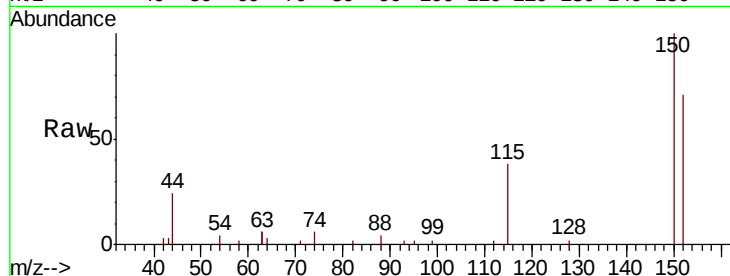
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Instrument :
BNA_E
ClientSampleId :
ICVBE032519

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.1	112.8	169.2
115	54.2	45.1	67.7

Manual Integrations
APPROVED

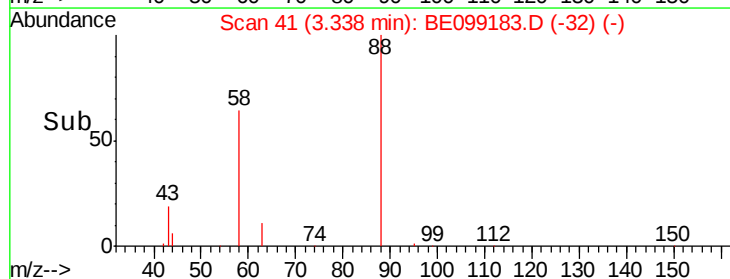
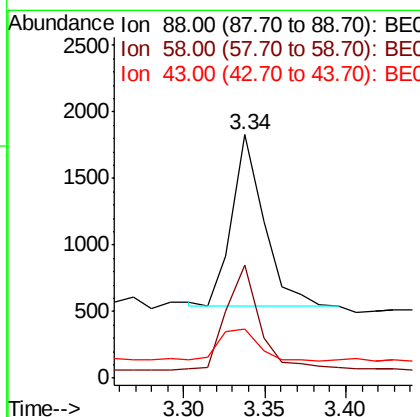
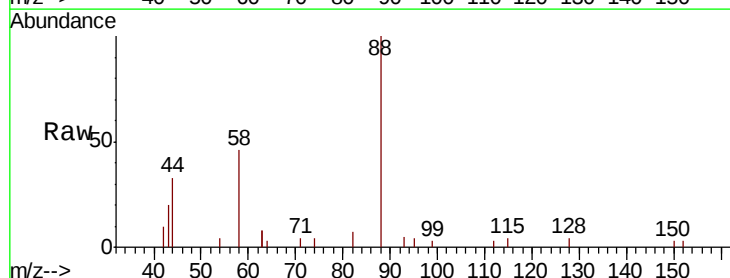
Sohil
3/26/2019 6:14:10 PM

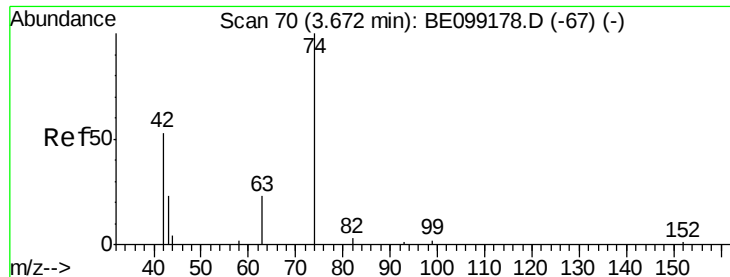


#2

1,4-Dioxane
Concen: 0.330 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	47.4	71.0
43	23.6	15.6	23.4





#3

n-Nitrosodimethylamine

Concen: 0.284 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Instrument :

BNA_E

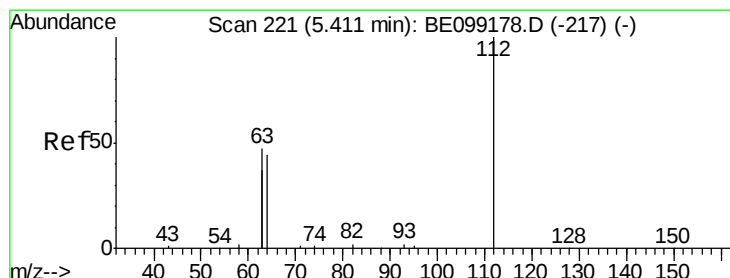
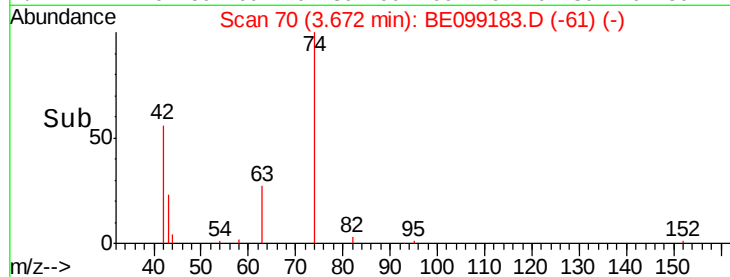
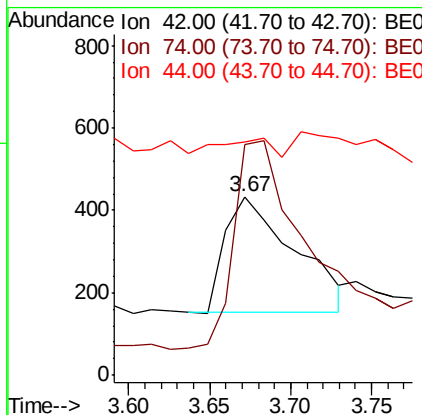
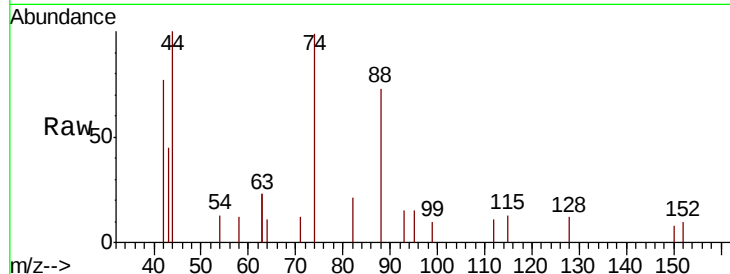
ClientSampleId :

ICVBE032519

Tot Ion:	42	Resp:	837
Ion	Ratio	Lower	Upper
42	100		
74	178.0	138.6	207.8
44	9.3	15.0	22.6#

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM



#4

2-Fluorophenol

Concen: 0.342 ng

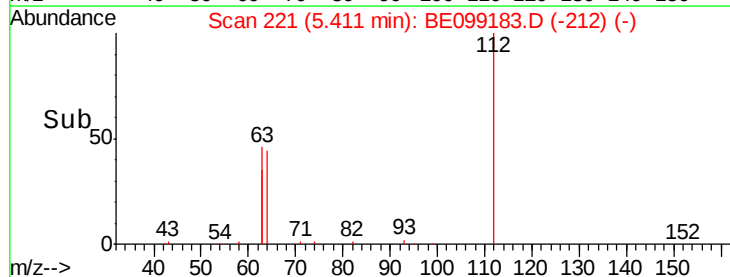
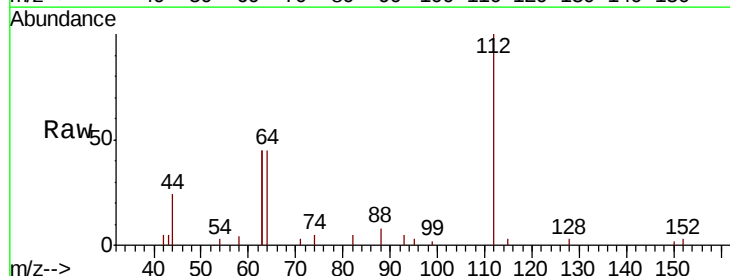
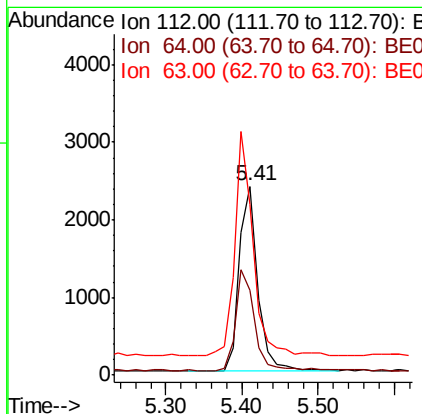
RT: 5.41 min Scan# 221

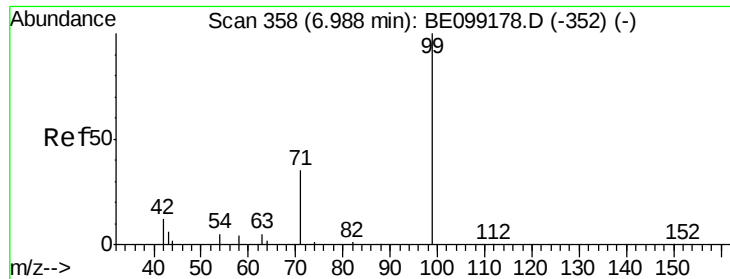
Delta R.T. 0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Tgt Ion:	112	Resp:	4080
Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.2	69.2
63	117.5	89.9	134.9





#5

Phenol-d6

Concen: 0.335 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Instrument :

BNA_E

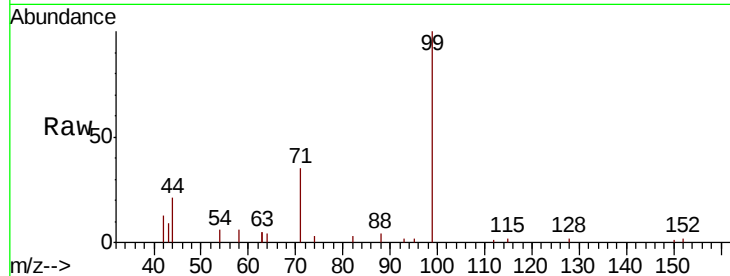
ClientSampleId :

ICVBE032519

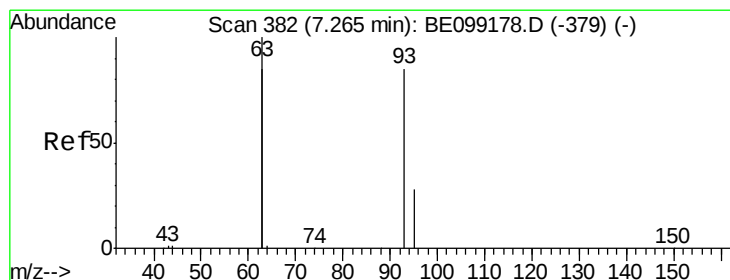
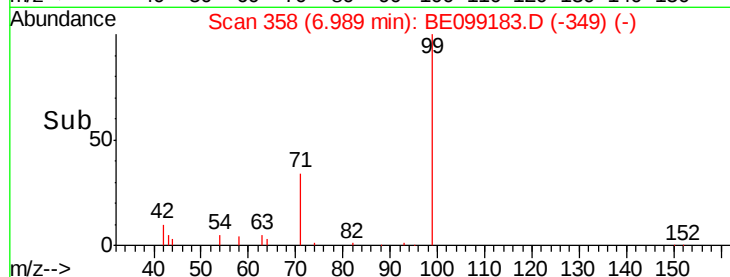
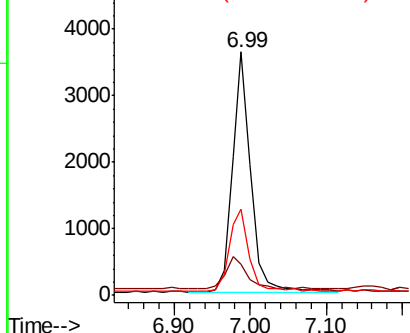
Tot Ion:	99	Resp:	6094
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.4	18.6
71	38.2	28.4	42.6

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.345 ng

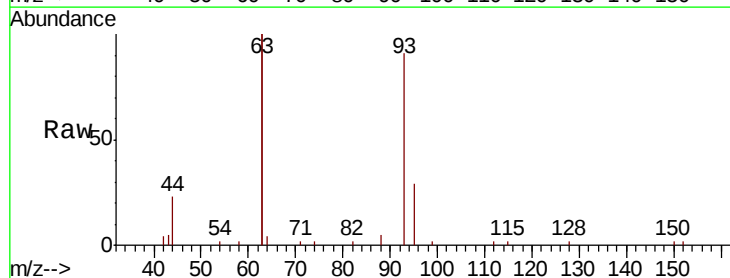
RT: 7.26 min Scan# 382

Delta R.T. 0.00 min

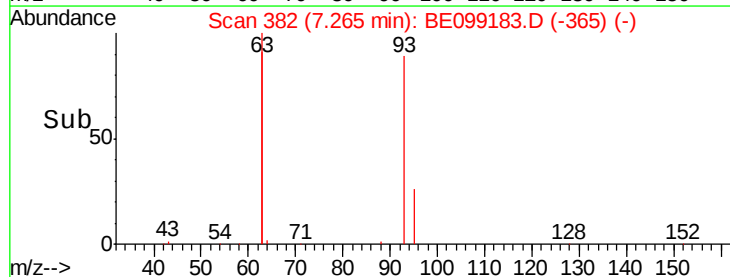
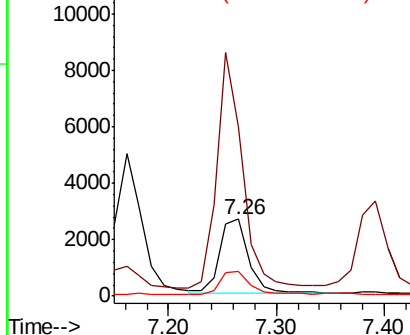
Lab File: BE099183.D

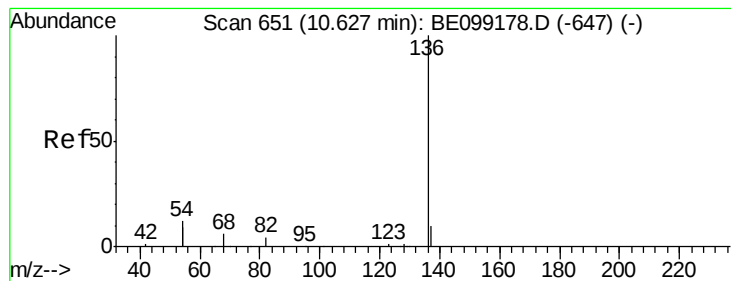
Acq: 25 Mar 2019 15:51

Tgt Ion:	93	Resp:	4939
Ion	Ratio	Lower	Upper
93	100		
63	275.6	221.4	332.0
95	31.1	25.8	38.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Instrument :

BNA_E

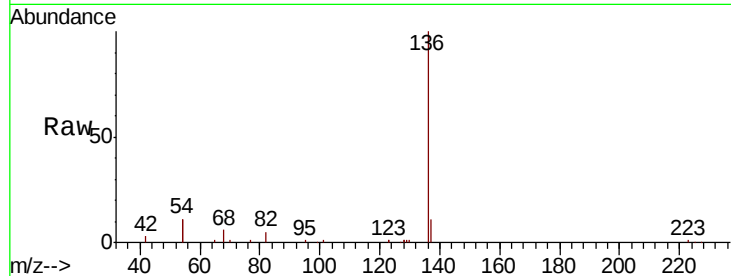
ClientSampleId :

ICVBE032519

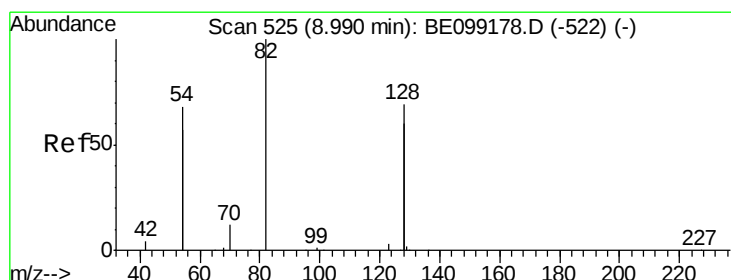
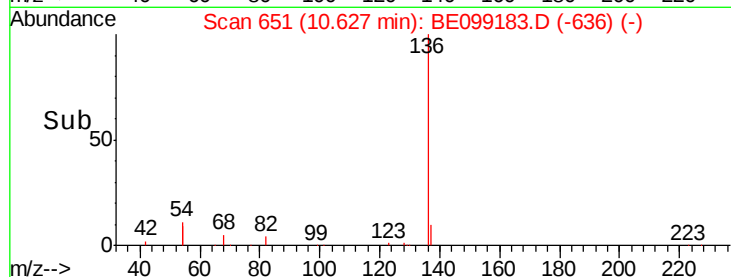
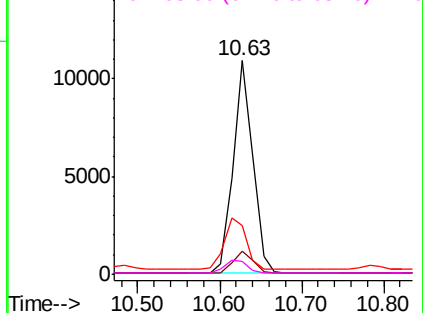
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	22.7	18.7	28.1
68	6.1	5.2	7.8

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 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): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.338 ng

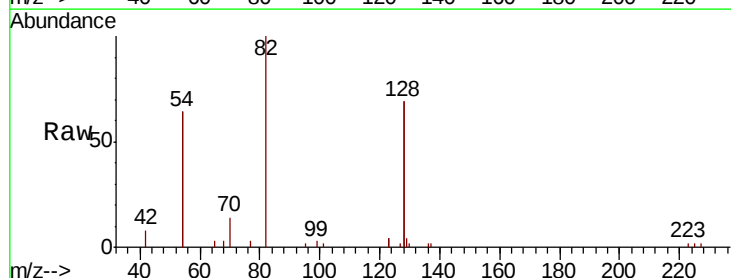
RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

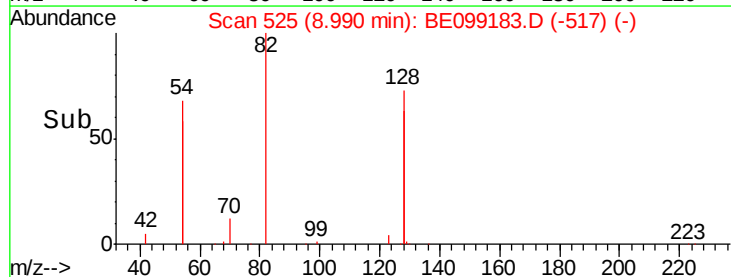
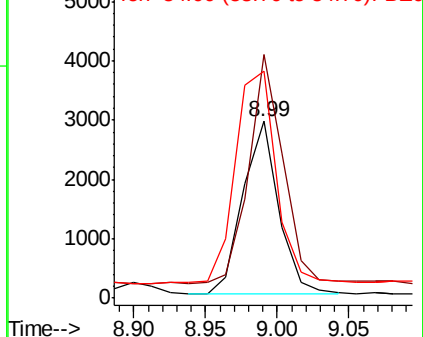
Lab File: BE099183.D

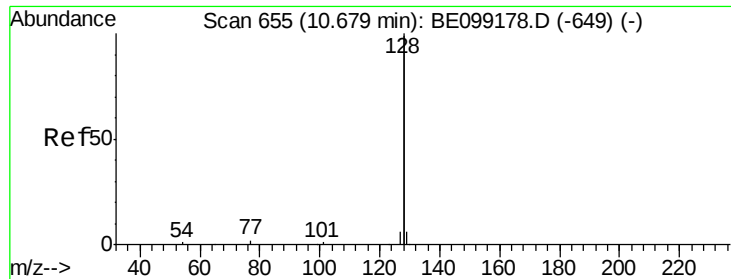
Acq: 25 Mar 2019 15:51

Tgt Ion	Ratio	Lower	Upper
82	100		
128	137.9	107.5	161.3
54	128.7	106.3	159.5



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.348 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Instrument :

BNA_E

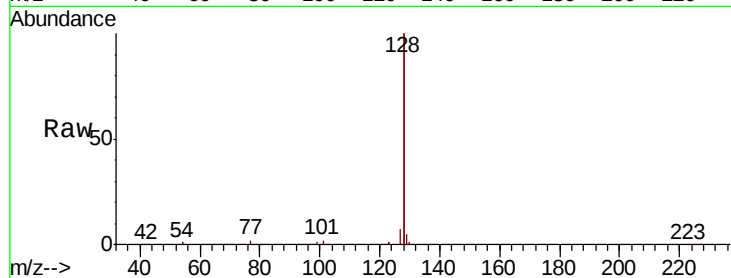
ClientSampleId :

ICVBE032519

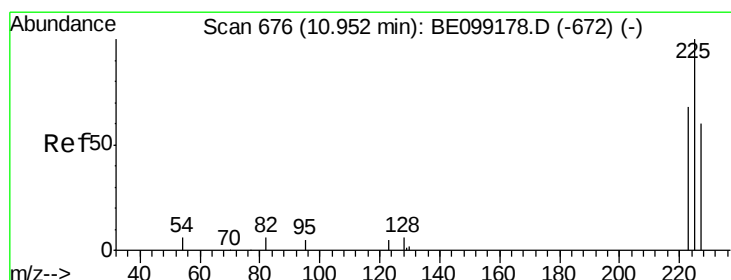
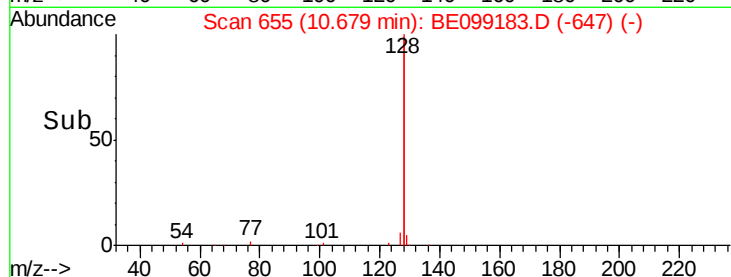
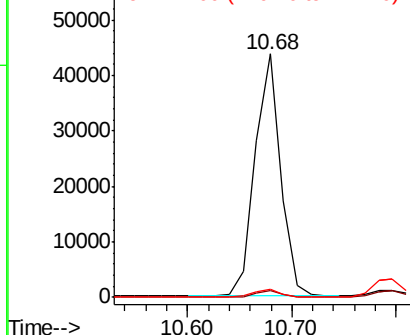
Tot Ion:	128	Resp:	74730
Ion Ratio	Lower	Upper	
128	100		
129	2.7	2.3	3.5
127	3.3	2.6	3.8

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 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



#10

Hexachlorobutadiene

Concen: 0.355 ng

RT: 10.95 min Scan# 676

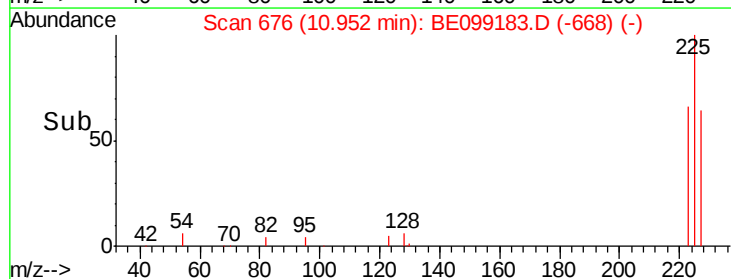
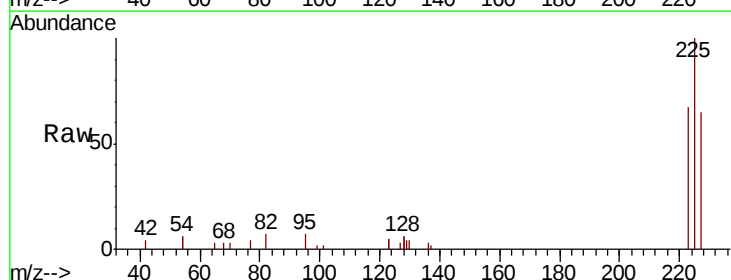
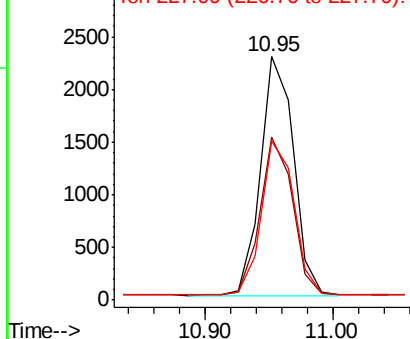
Delta R.T. 0.00 min

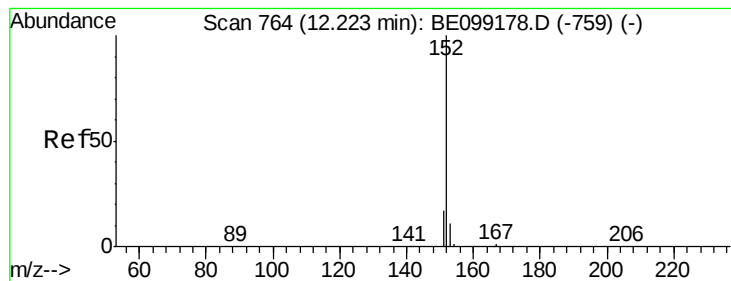
Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Tgt Ion:	225	Resp:	4062
Ion Ratio	Lower	Upper	
225	100		
223	65.3	51.3	76.9
227	63.8	48.6	73.0

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





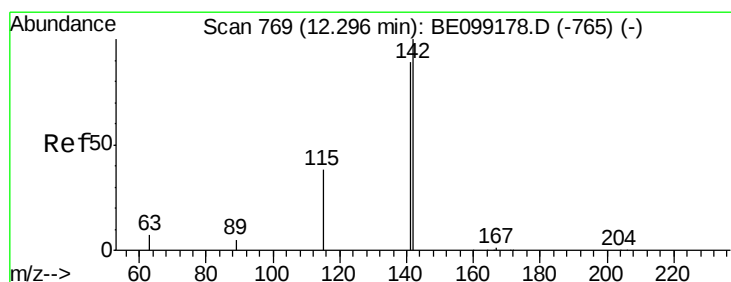
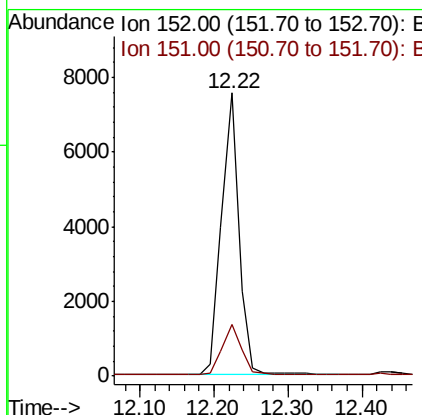
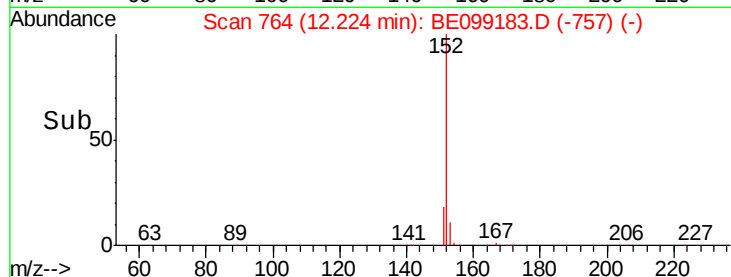
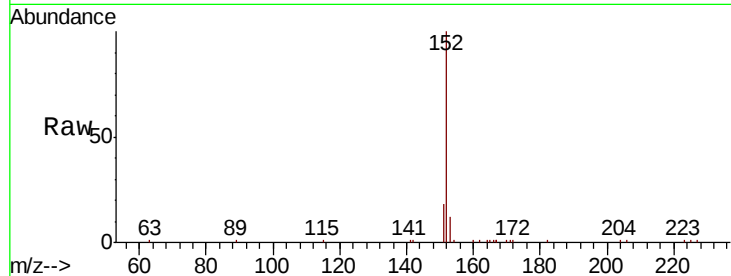
#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Instrument :
BNA_E
ClientSampleId :
ICVBE032519

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.6

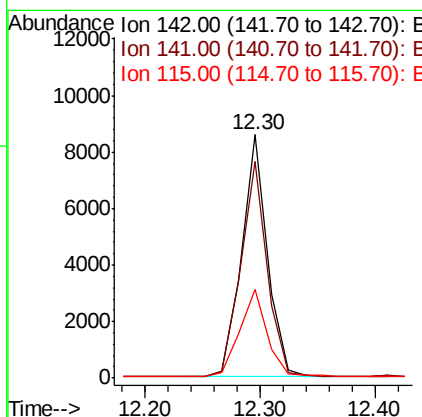
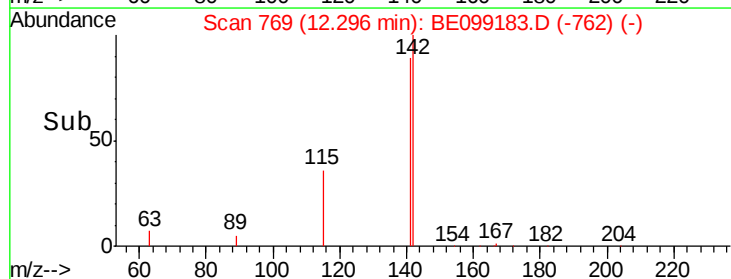
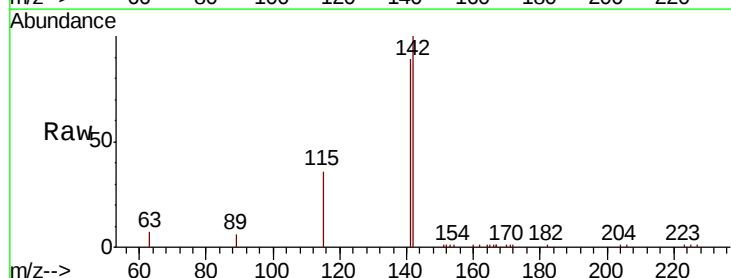
Manual Integrations
APPROVED

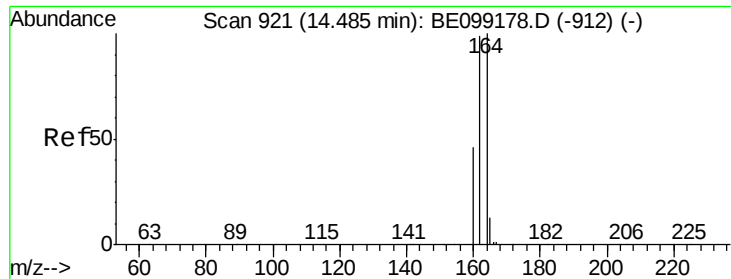
Sohil
3/26/2019 6:14:10 PM



#12
2-Methylnaphthalene
Concen: 0.344 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	36.5	30.4	45.6





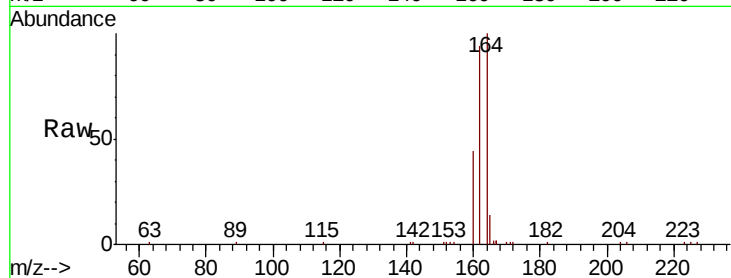
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Instrument :
BNA_E
ClientSampleId :
ICVBE032519

Tot Ion	Ratio	Lower	Upper
164	100		
162	93.7	79.2	118.8
160	44.4	36.7	55.1

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM

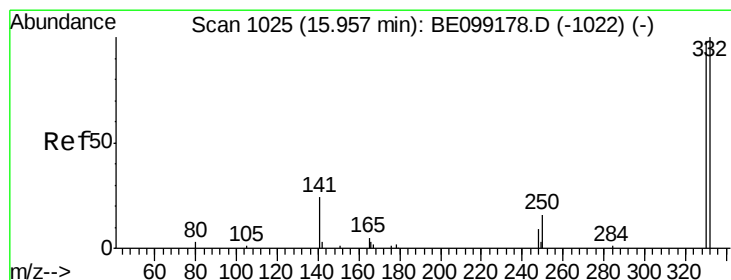
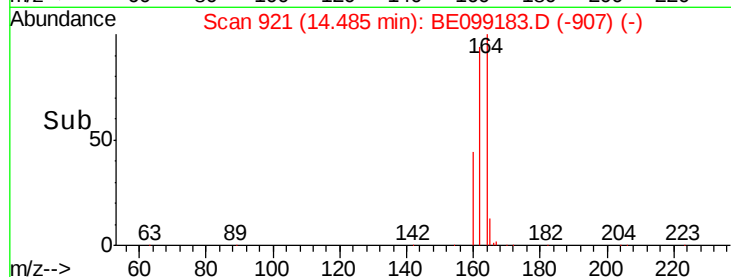
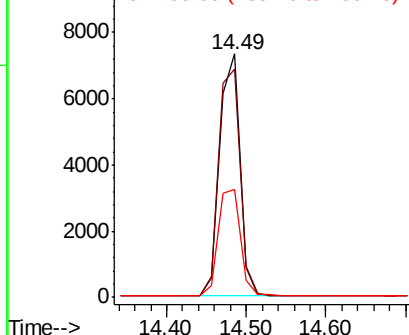


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

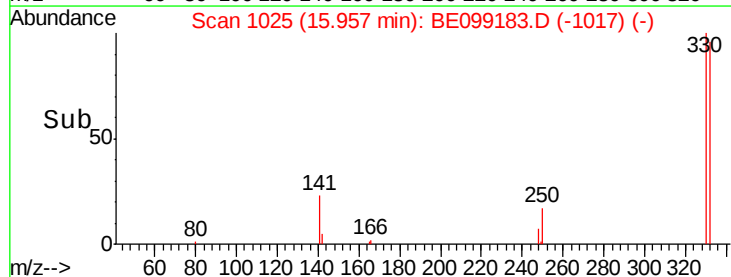
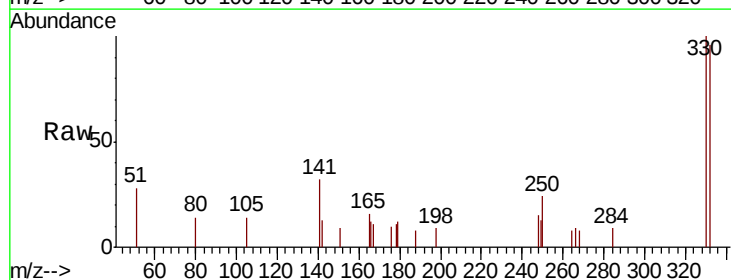
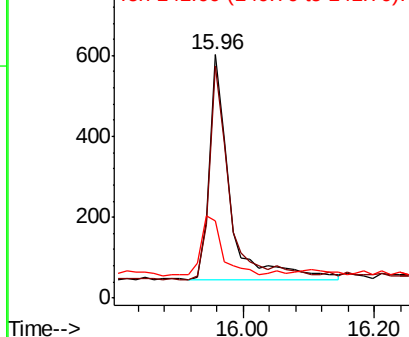
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	71.3	106.9
141	26.2	21.7	32.5

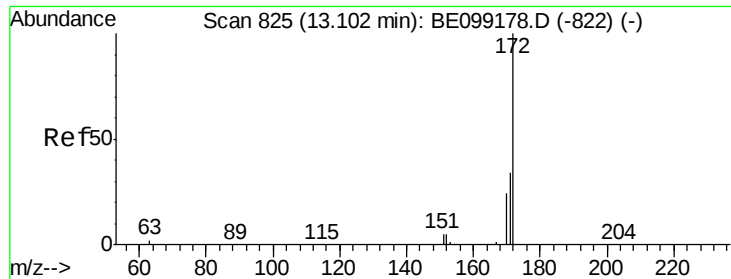
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





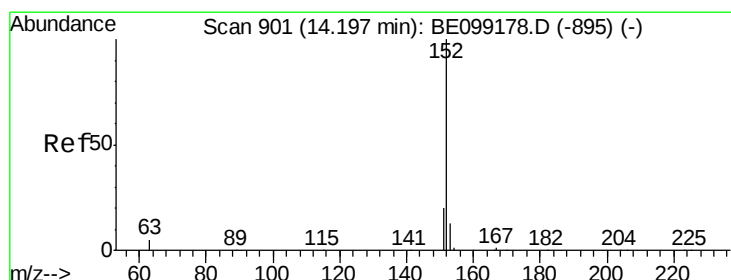
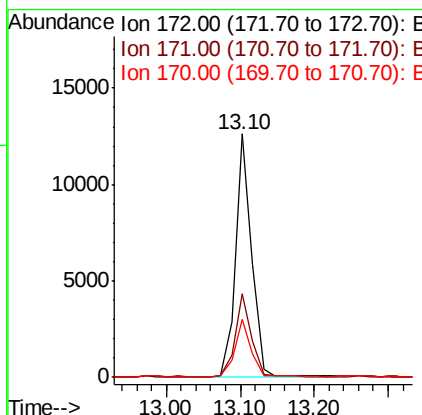
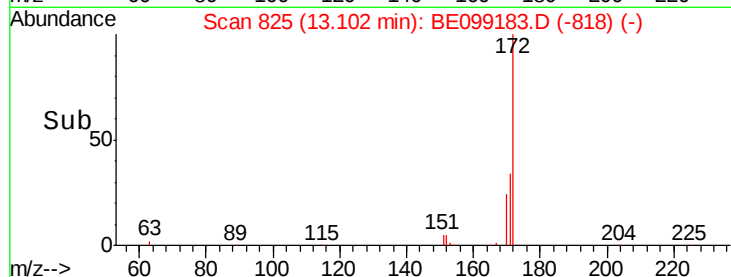
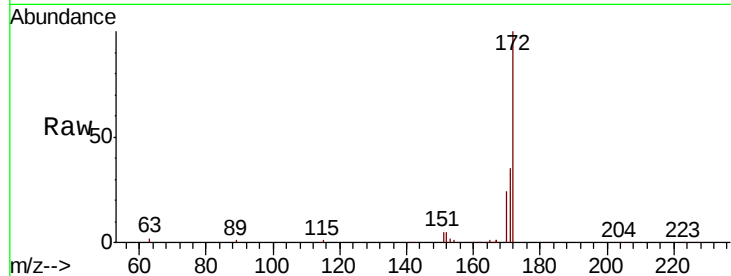
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Instrument :
BNA_E
ClientSampleId :
ICVBE032519

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.0
170	24.1	19.1	28.7

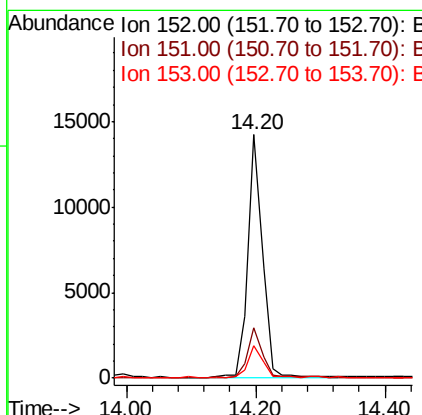
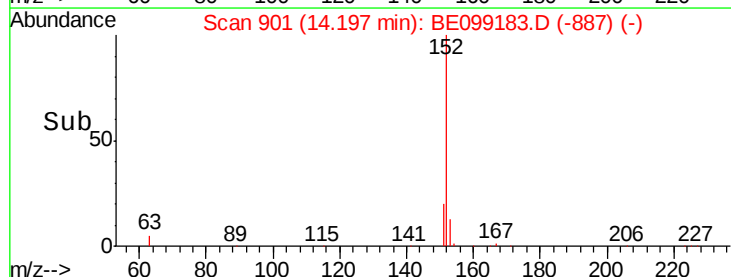
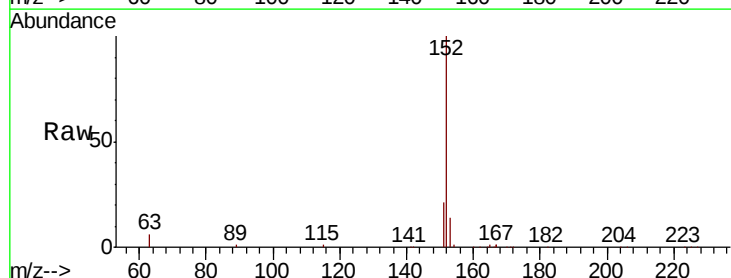
Manual Integrations
APPROVED

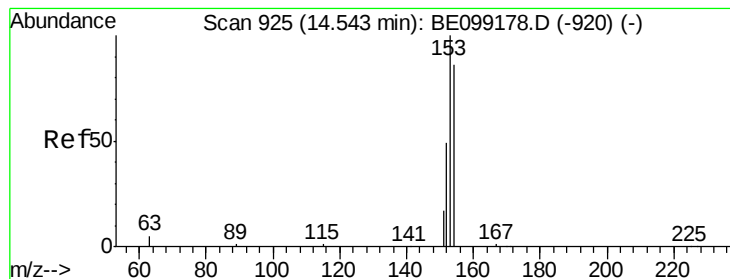
Sohil
3/26/2019 6:14:10 PM



#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.6	15.8





#17

Acenaphthene

Concen: 0.354 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Instrument :

BNA_E

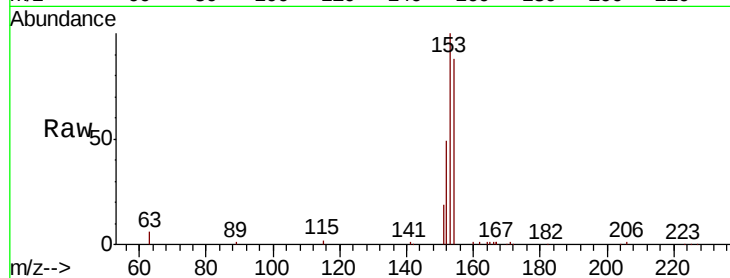
ClientSampled :

ICVBE032519

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	93.4	140.0
152	56.5	46.6	69.8

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM

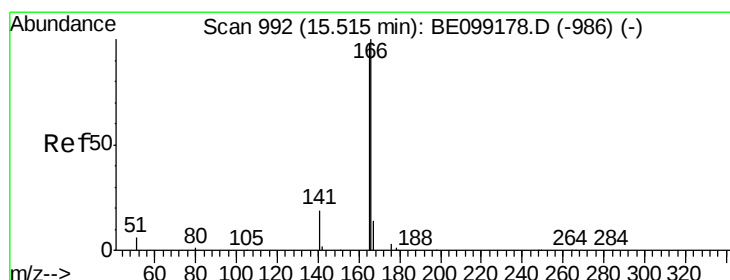
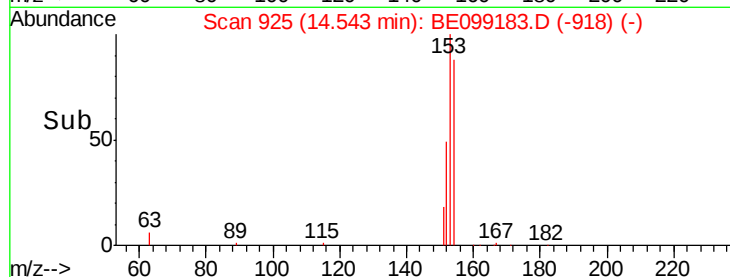
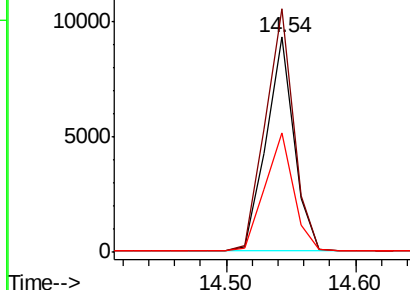


Abundance

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: 0.348 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

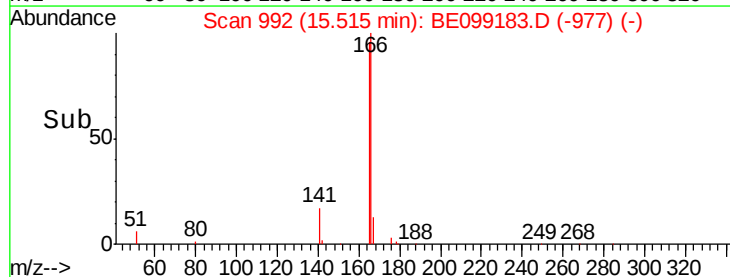
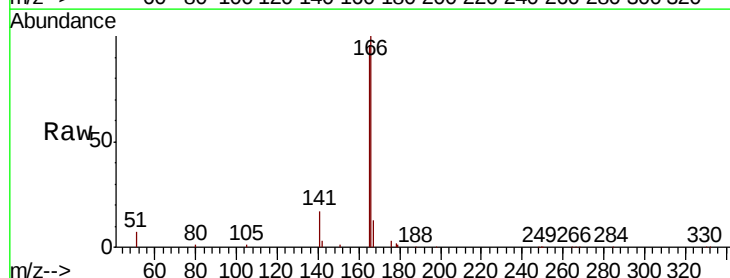
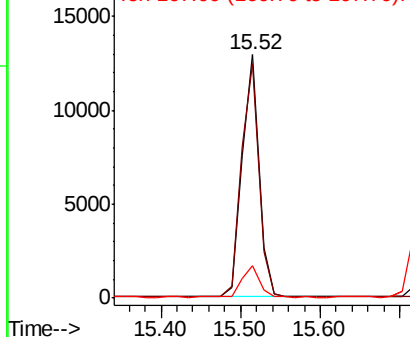
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.9	118.3
167	13.5	10.9	16.3

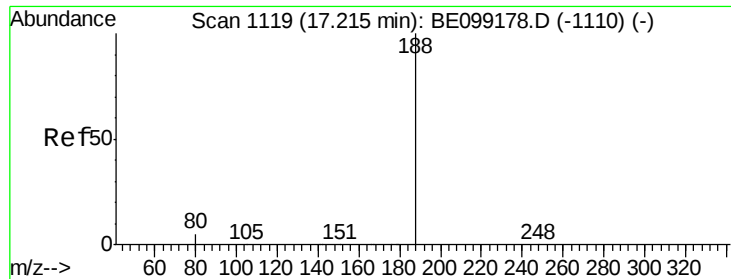
Abundance

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





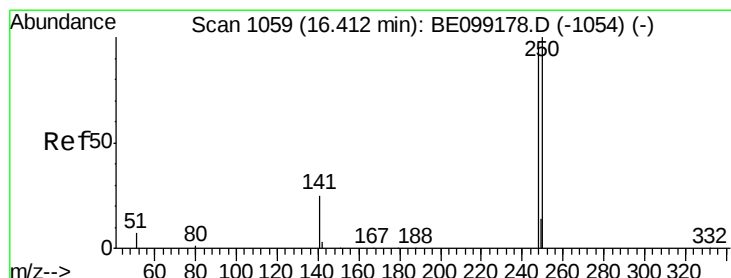
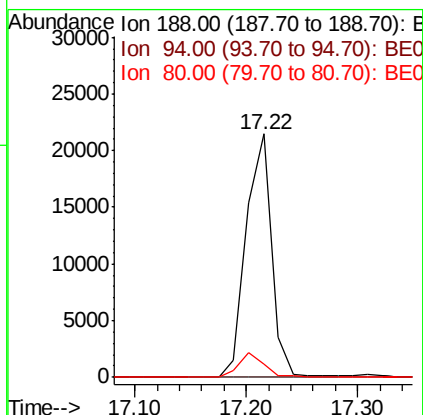
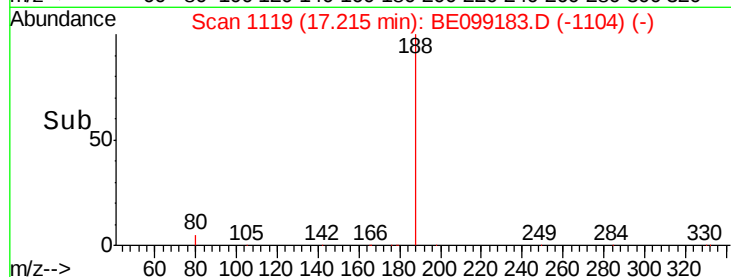
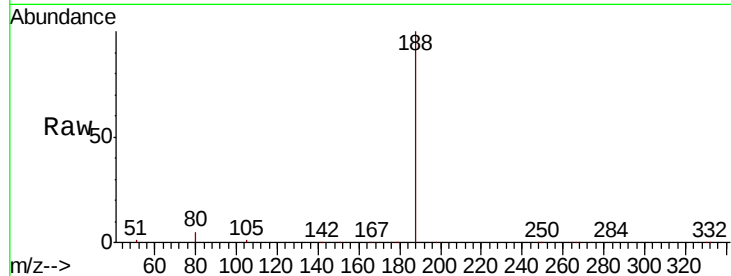
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Instrument :
BNA_E
ClientSampleId :
ICVBE032519

Tot Ion:	188	Resp:	33975
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.4	4.5	6.7

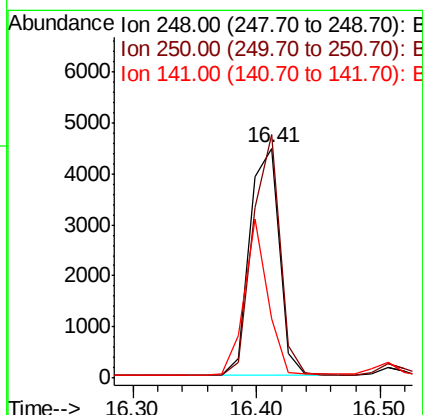
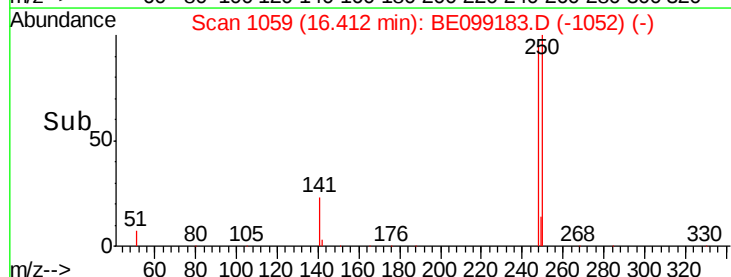
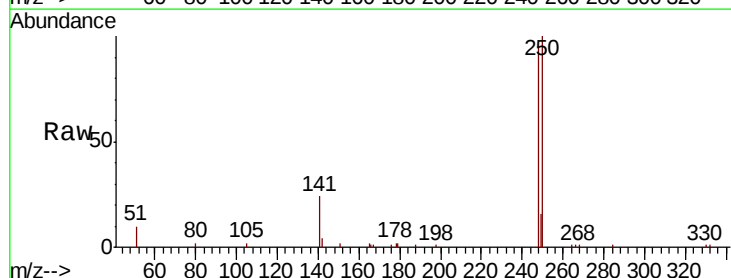
Manual Integrations
APPROVED

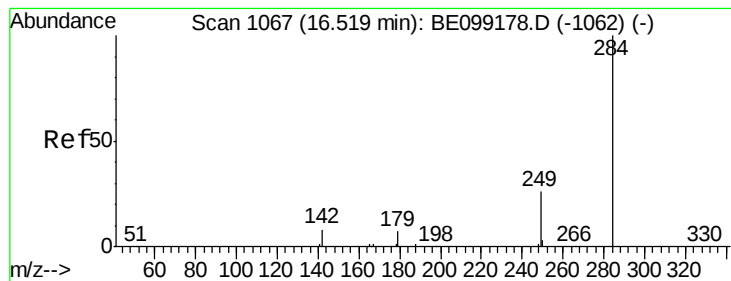
Sohil
3/26/2019 6:14:10 PM



#20
4-Bromophenyl-phenylether
Concen: 0.337 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Tgt Ion:	248	Resp:	7398
Ion Ratio	Lower	Upper	
248	100		
250	105.8	84.2	126.2
141	25.6	21.8	32.6





#21

Hexachlorobenzene

Concen: 0.348 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Instrument :

BNA_E

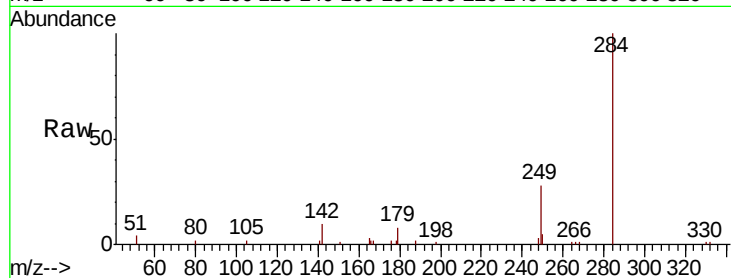
ClientSampleId :

ICVBE032519

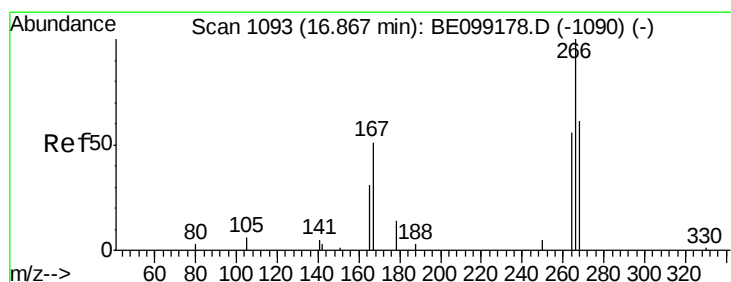
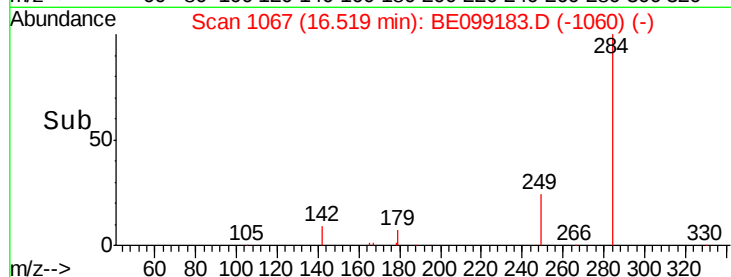
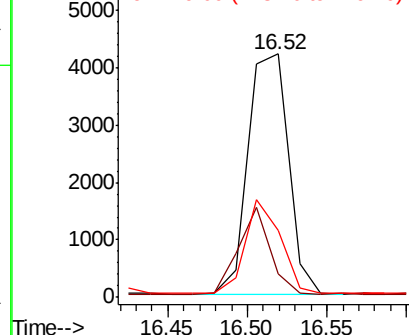
Tot Ion:	284	Resp:	7379
Ion Ratio	Lower	Upper	
284	100		
142	28.6	22.7	34.1
249	34.0	26.9	40.3

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.417 ng m

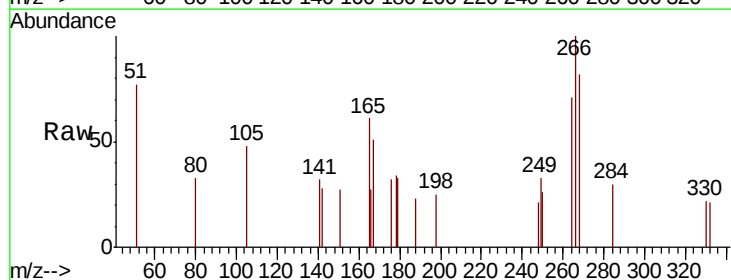
RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

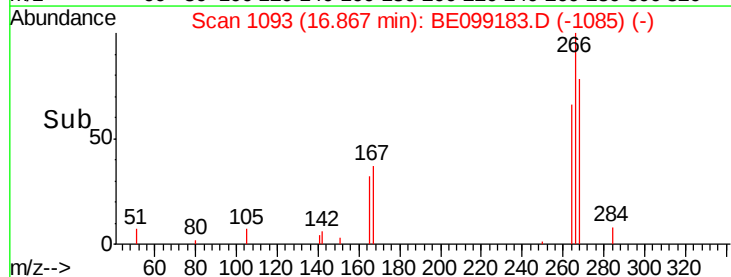
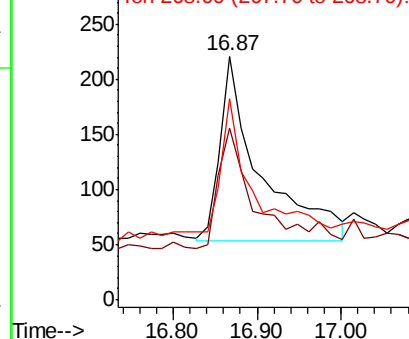
Lab File: BE099183.D

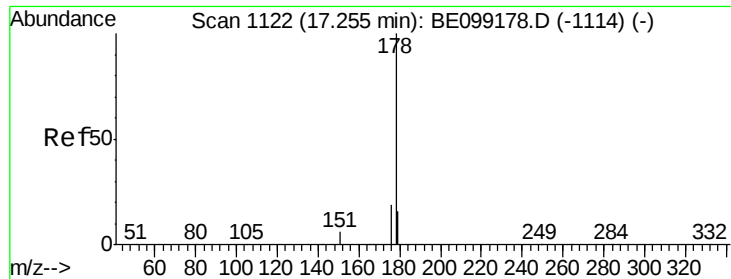
Acq: 25 Mar 2019 15:51

Tgt Ion:	266	Resp:	553
Ion Ratio	Lower	Upper	
266	100		
264	70.6	54.4	81.6
268	82.4	61.3	91.9



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: 0.344 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Instrument :

BNA_E

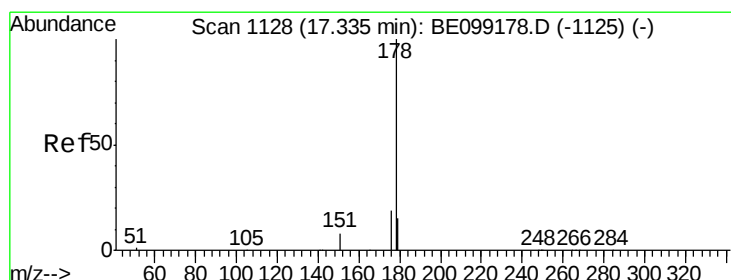
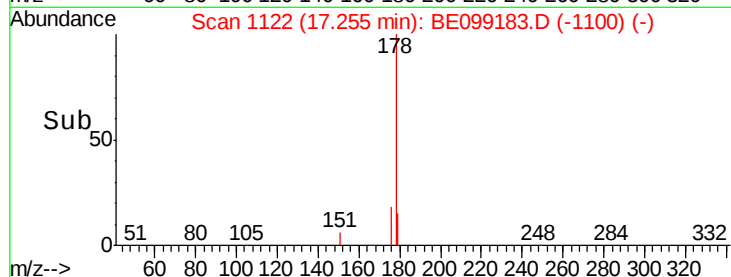
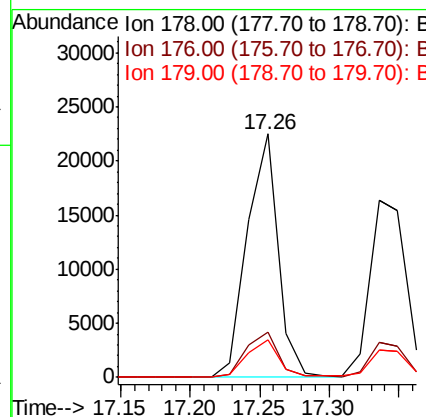
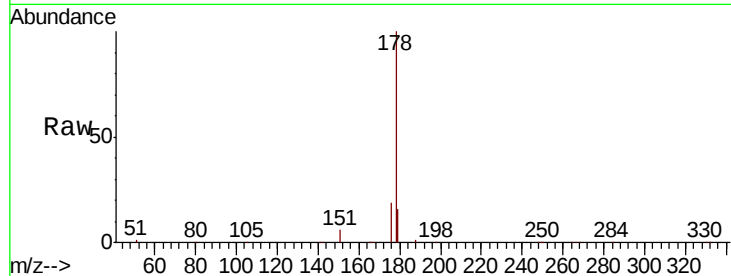
ClientSampleId :

ICVBE032519

Tot Ion:178	Resp:	34311
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.4 23.2
179	15.2	12.3 18.5

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM



#24

Anthracene

Concen: 0.324 ng

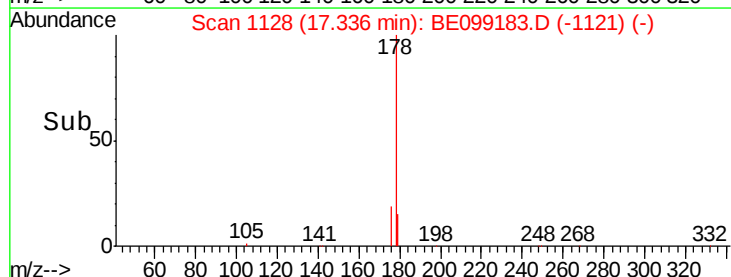
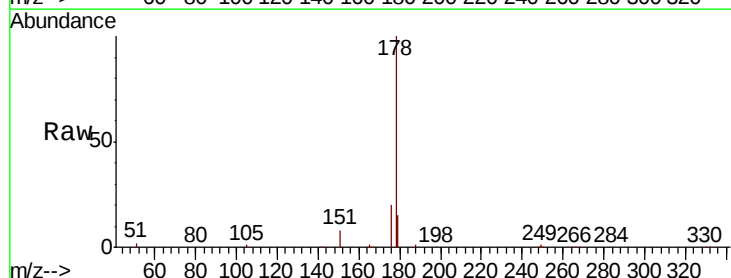
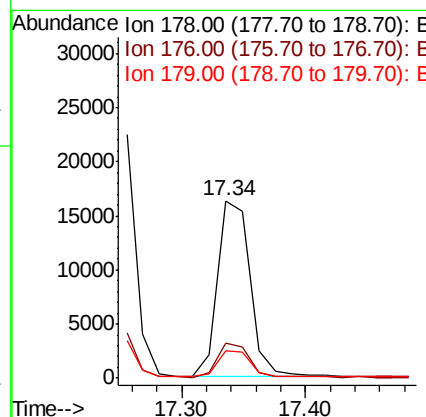
RT: 17.34 min Scan# 1128

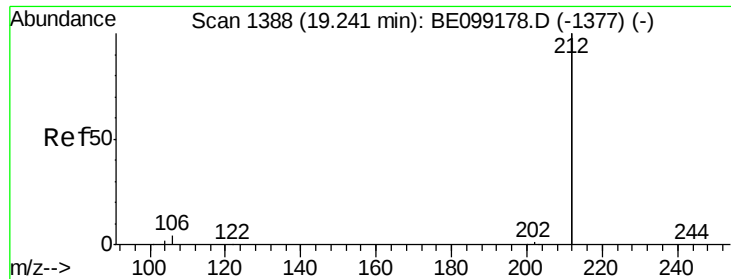
Delta R.T. 0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Tgt Ion:178	Resp:	29246
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.1 22.7
179	15.3	12.4 18.6





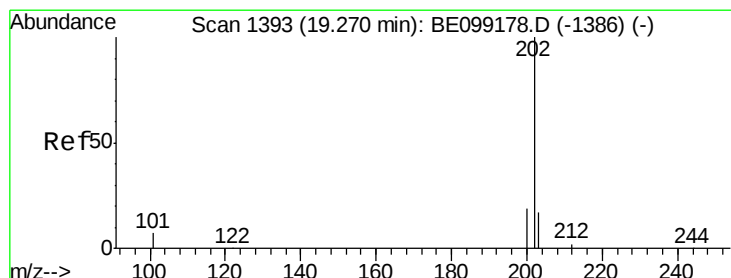
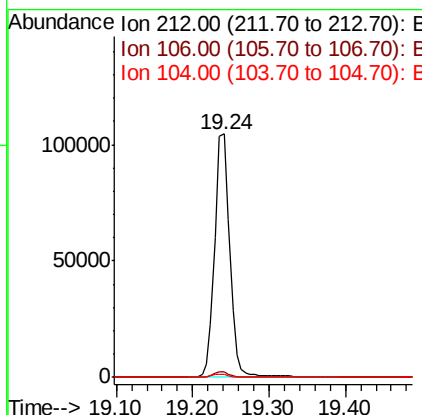
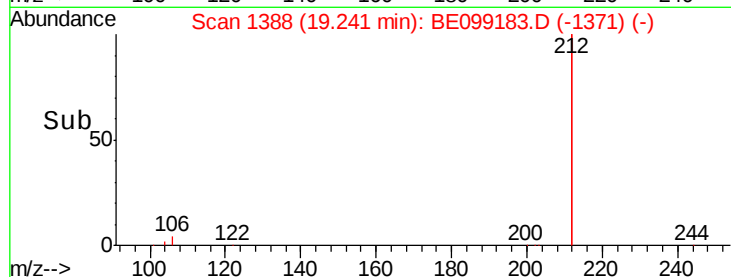
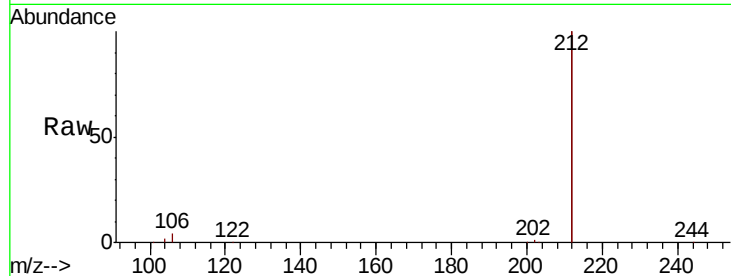
#25
 Fluoranthene-d10
 Concen: 0.347 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE099183.D
 Acq: 25 Mar 2019 15:51

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE032519

Tot Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	1.1	1.7

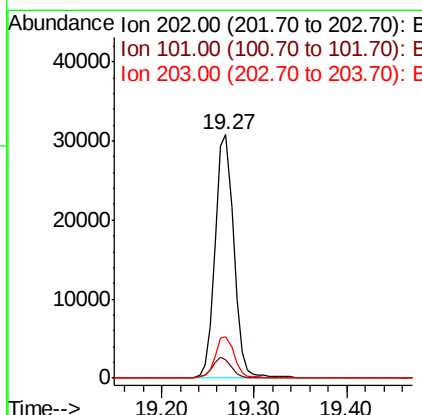
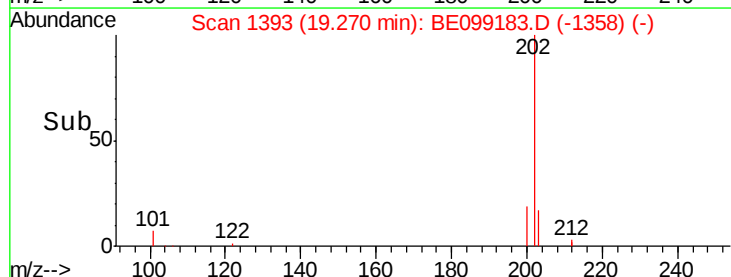
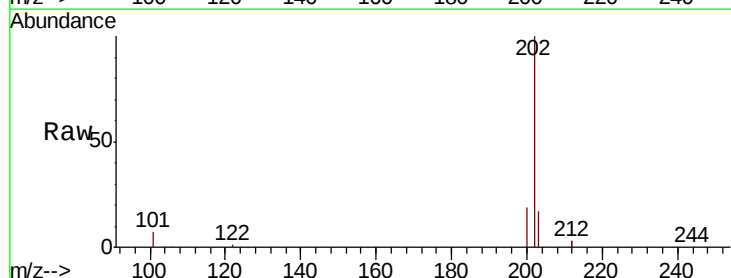
Manual Integrations
 APPROVED

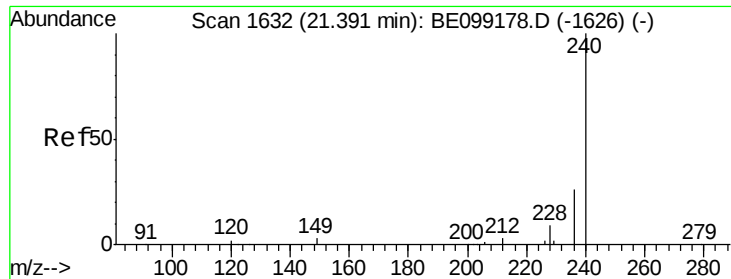
Sohil
 3/26/2019 6:14:10 PM



#26
 Fluoranthene
 Concen: 0.332 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BE099183.D
 Acq: 25 Mar 2019 15:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
203	17.0	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Instrument :

BNA_E

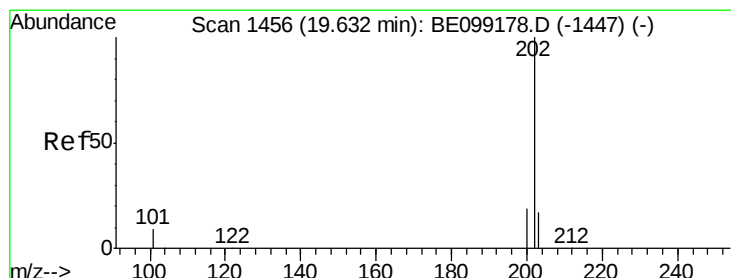
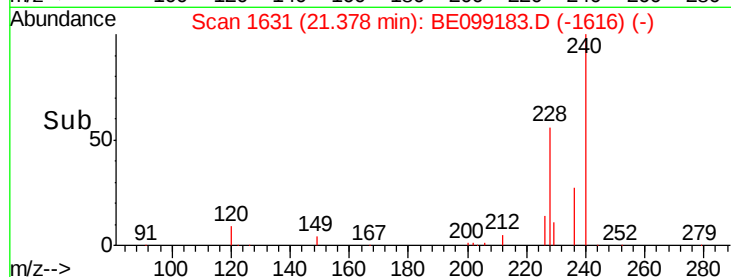
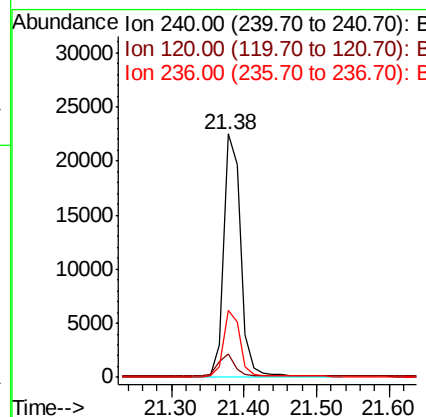
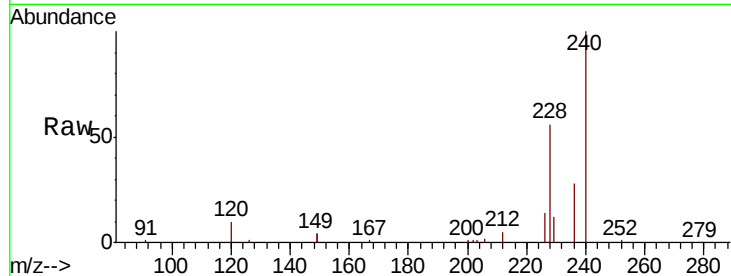
ClientSampleId :

ICVBE032519

Tot Ion	Ion	Ratio	Lower	Upper
240	100			
120	9.6	2.6	3.8	
236	27.7	20.9	31.3	

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM



#28

Pyrene

Concen: 0.348 ng

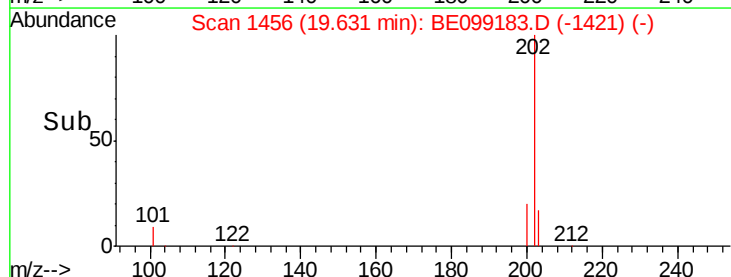
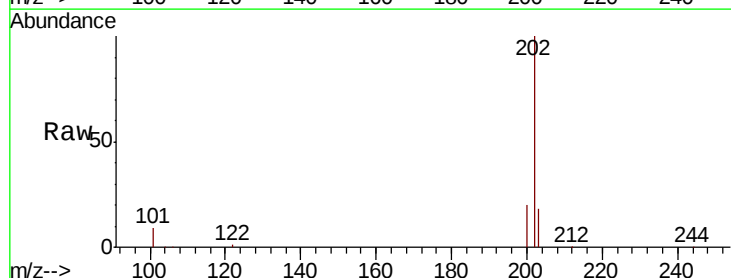
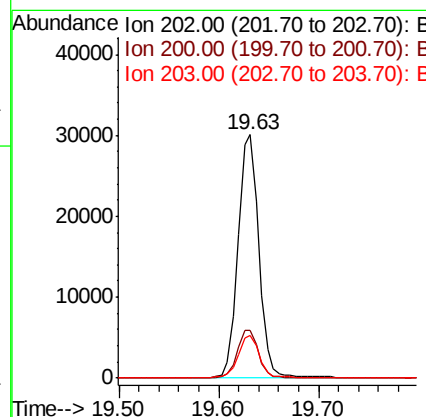
RT: 19.63 min Scan# 1456

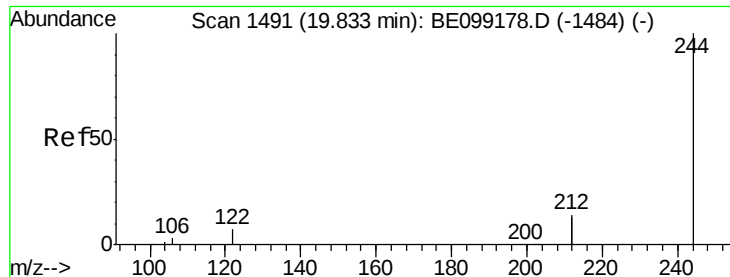
Delta R.T. -0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	19.7	15.8	23.8	
203	17.3	14.1	21.1	





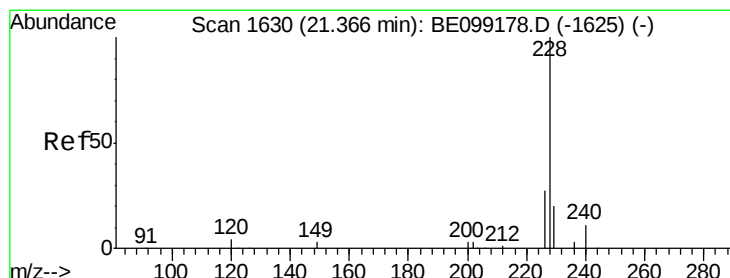
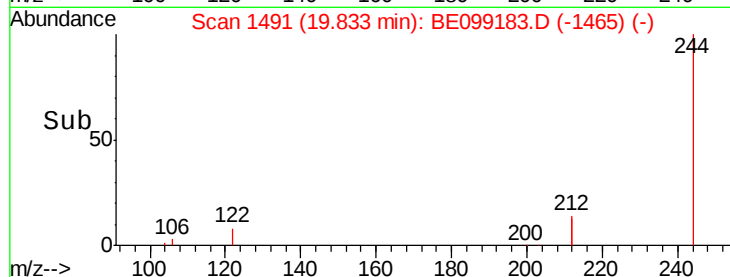
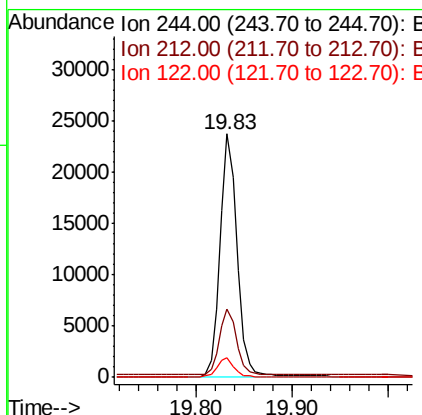
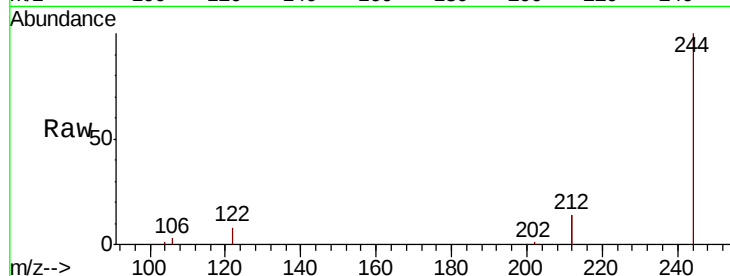
#29
 Terphenyl-d14
 Concen: 0.363 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: BE099183.D
 Acq: 25 Mar 2019 15:51

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE032519

Tot Ion	Ratio	Lower	Upper
244	100		
212	28.3	22.7	34.1
122	7.8	5.8	8.6

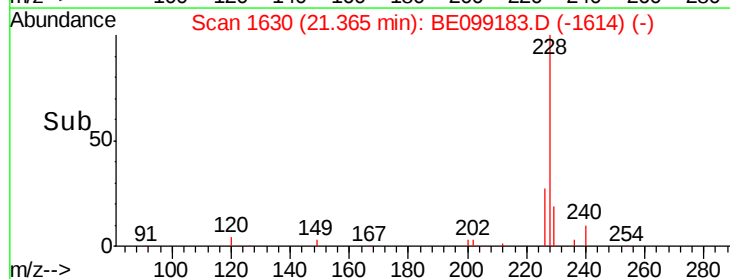
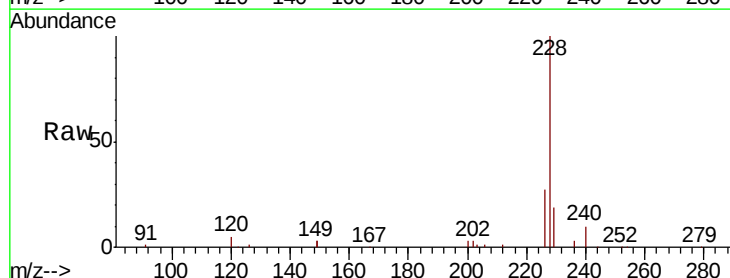
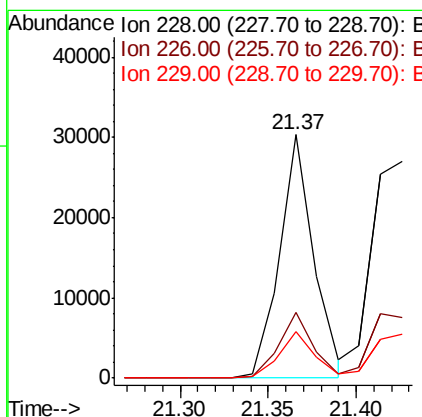
Manual Integrations
 APPROVED

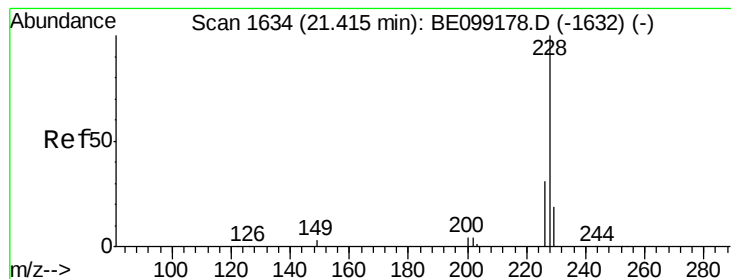
Sohil
 3/26/2019 6:14:10 PM



#30
 Benzo(a)anthracene
 Concen: 0.333 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099183.D
 Acq: 25 Mar 2019 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.1	15.9	23.9





#31

Chrysene

Concen: 0.346 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Instrument :

BNA_E

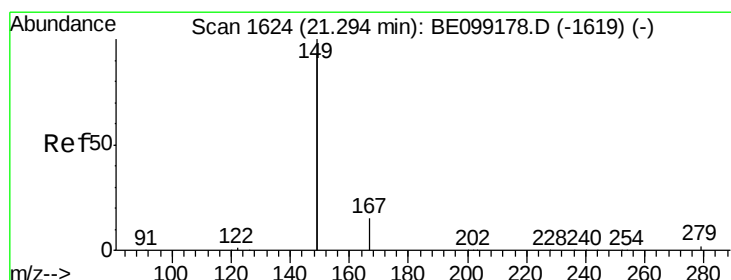
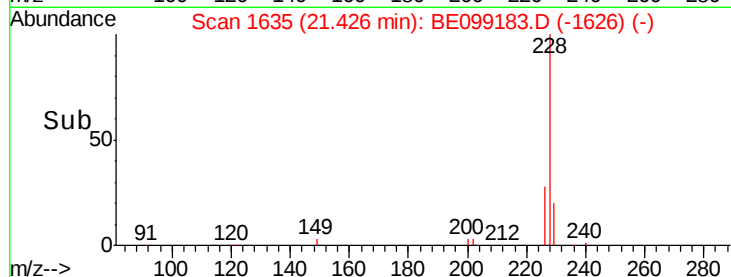
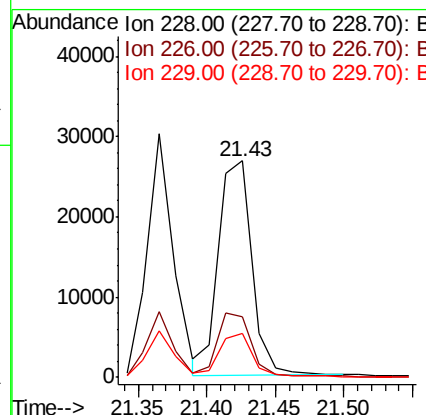
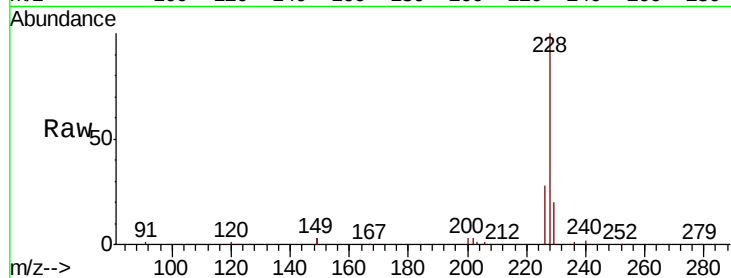
ClientSampleId :

ICVBE032519

Tot Ion:	228	Resp:	45424
Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.8	37.2
229	20.2	15.4	23.0

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.266 ng

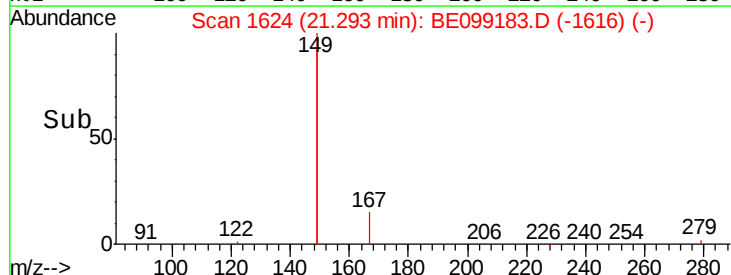
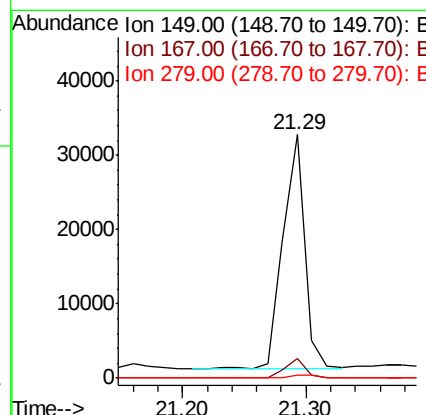
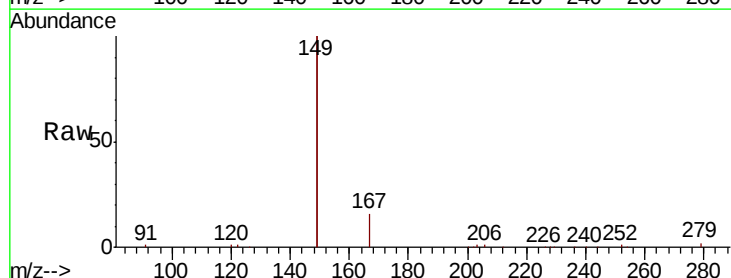
RT: 21.29 min Scan# 1624

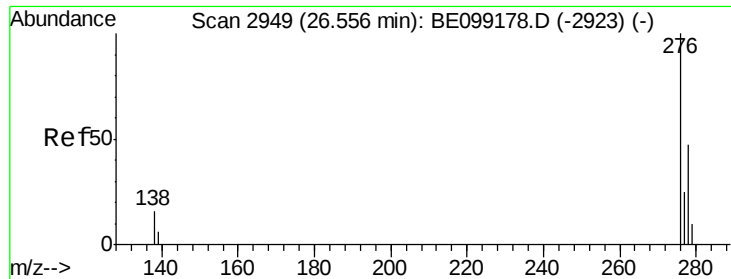
Delta R.T. -0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Tgt Ion:	149	Resp:	38892
Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.3	1.0	1.6





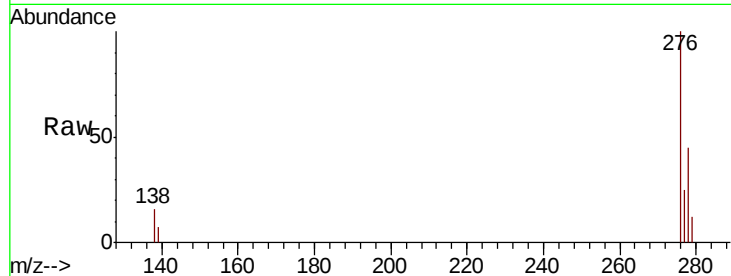
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng
RT: 26.56 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Instrument :
BNA_E
ClientSampleId :
ICVBE032519

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.9	19.3
277	22.1	18.3	27.5

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM

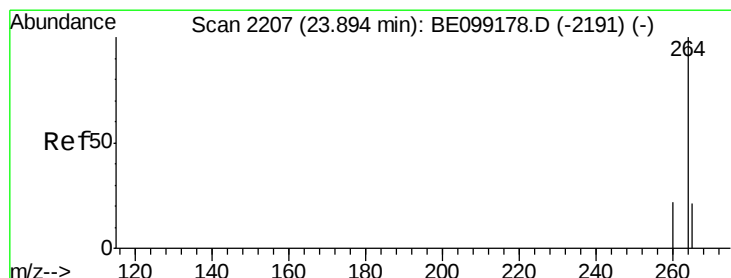
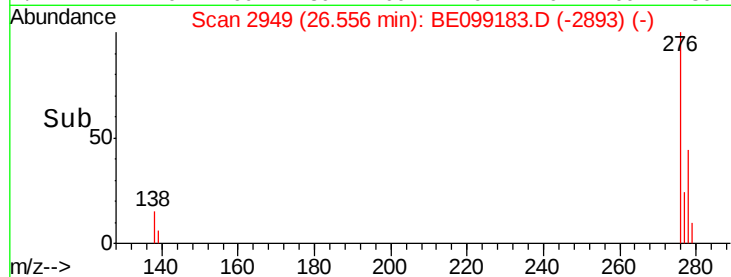
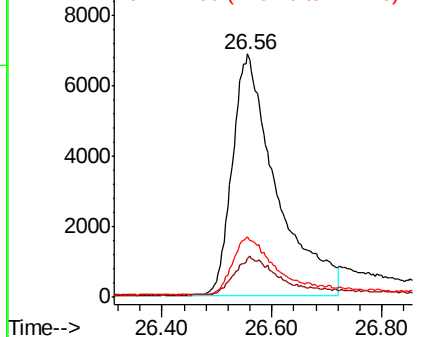


Abundance

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: 23.89 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

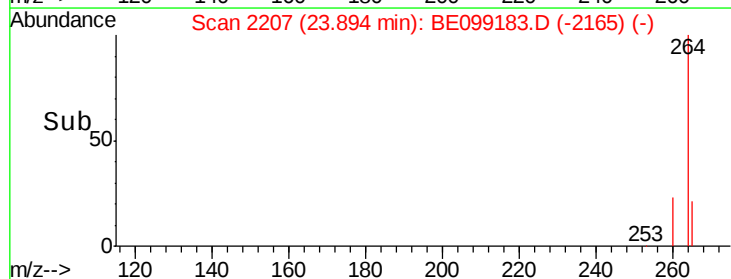
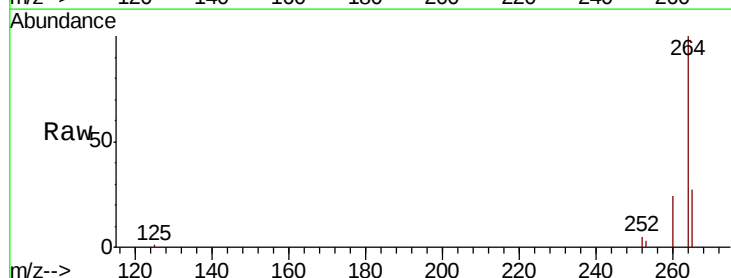
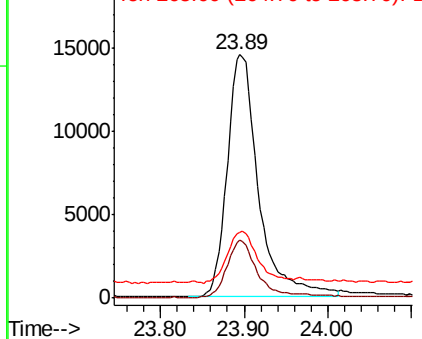
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	27.2	21.8	32.8

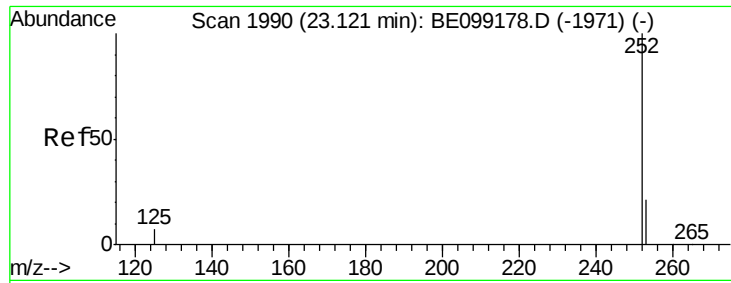
Abundance

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





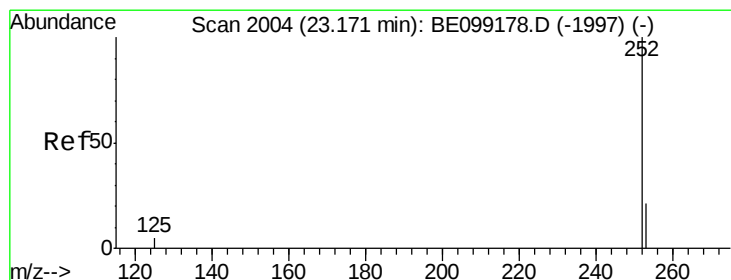
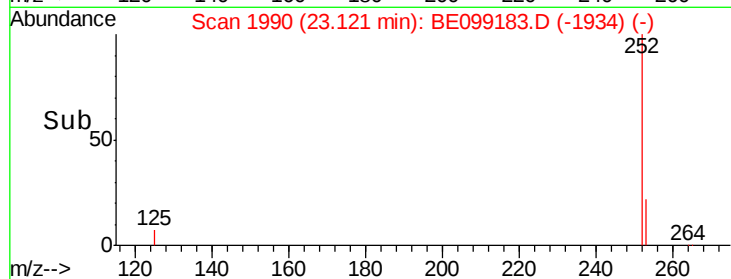
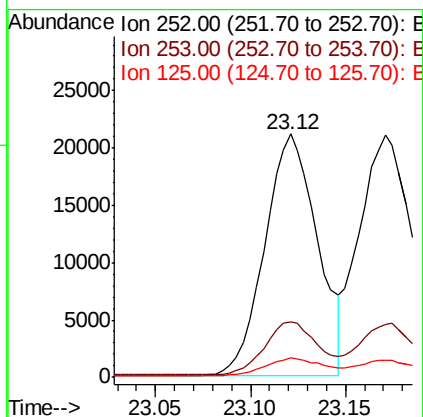
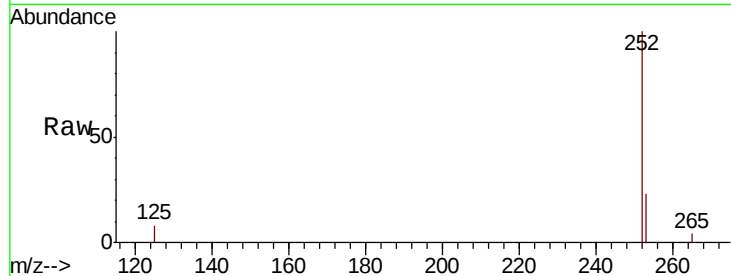
#35
Benzo(b)fluoranthene
Concen: 0.322 ng
RT: 23.12 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Instrument :
BNA_E
ClientSampleId :
ICVBE032519

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	7.9	6.1	9.1

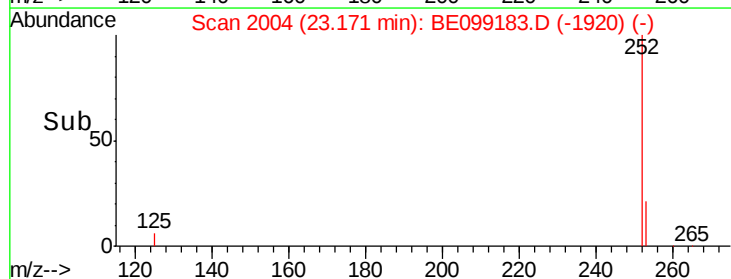
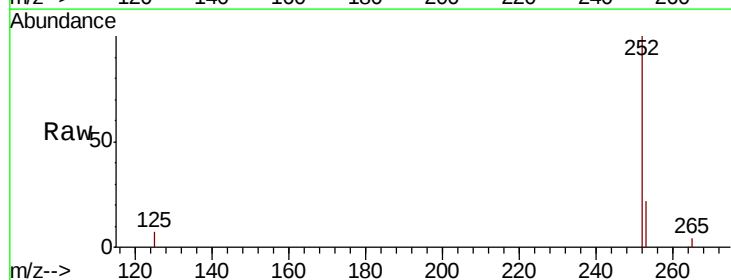
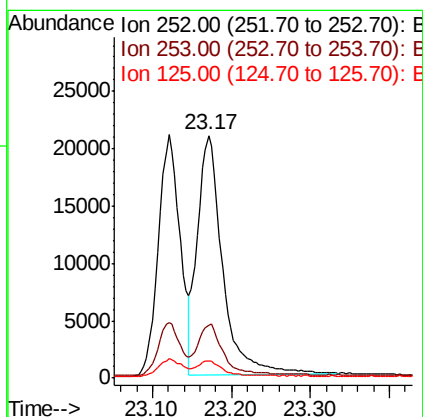
Manual Integrations
APPROVED

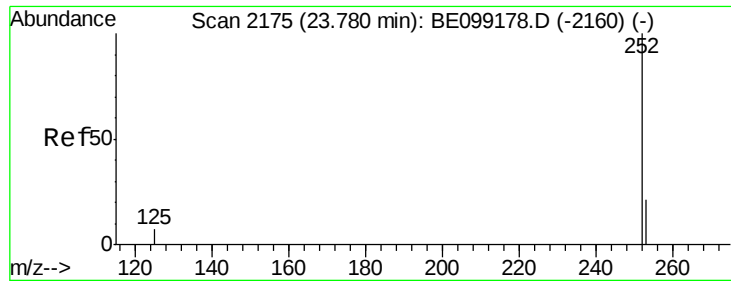
Sohil
3/26/2019 6:14:10 PM



#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 23.17 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.2	5.9	8.9





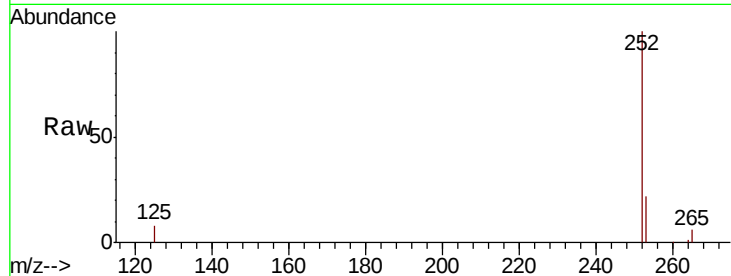
#37
Benzo(a)pyrene
Concen: 0.330 ng
RT: 23.78 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

Instrument :
BNA_E
ClientSampleId :
ICVBE032519

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	8.3	6.8	10.2

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM

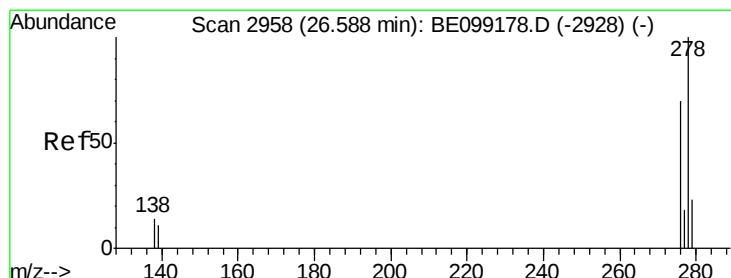
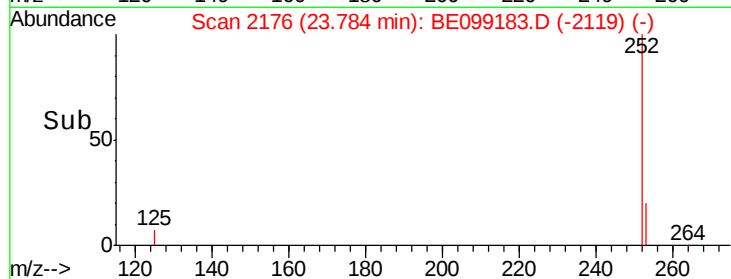
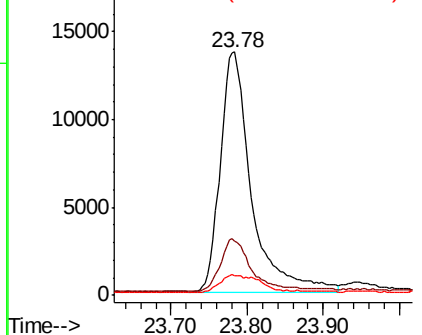


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.297 ng
RT: 26.58 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BE099183.D
Acq: 25 Mar 2019 15:51

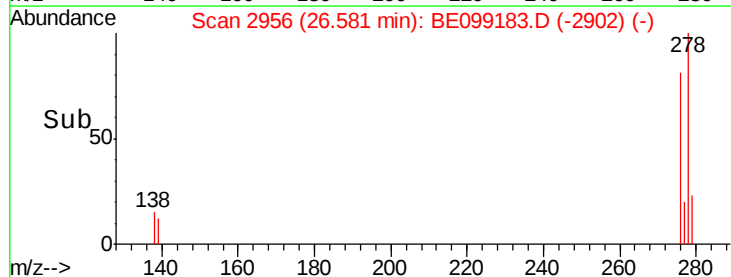
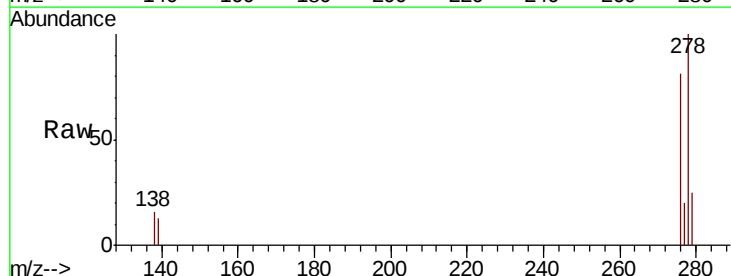
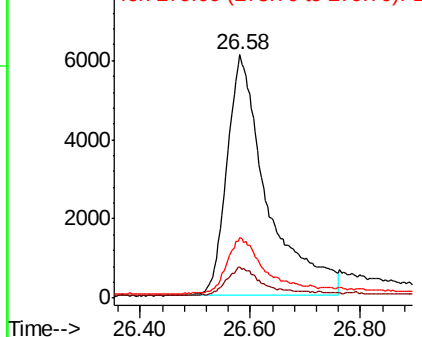
Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.5	14.3
279	24.8	19.1	28.7

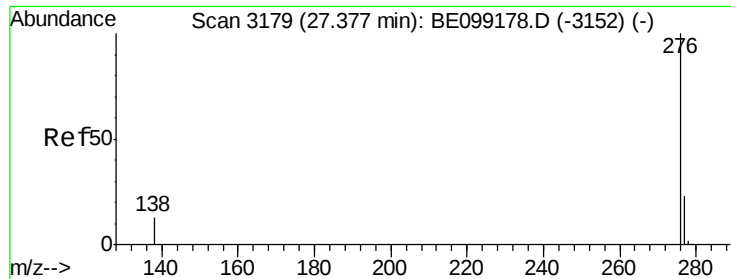
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.272 ng

RT: 27.37 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BE099183.D

Acq: 25 Mar 2019 15:51

Instrument :

BNA_E

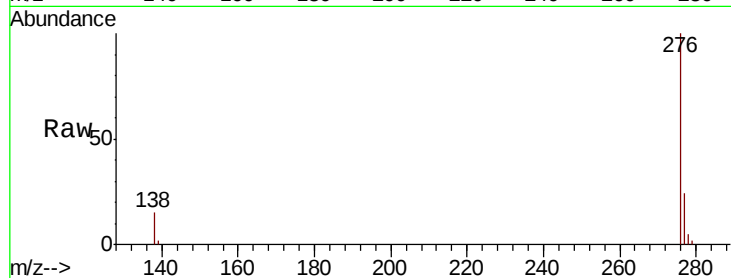
ClientSampleId :

ICVBE032519

Tot Ion:	276	Resp:	28465
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.0	28.4
138	15.0	11.1	16.7

Manual Integrations
APPROVED

Sohil
3/26/2019 6:14:10 PM



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

