

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099770.D
 Acq On : 28 May 2019 23:09
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

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 5/29/2019 6:15:48 PM

Quant Time: May 29 04:13:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1450	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	5303	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	4139	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	13334	0.40	ng	0.00
27) Chrysene-d12	21.40	240	18926	0.40	ng	-0.01
34) Perylene-d12	23.94	264	22107	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1465	0.40	ng	0.00
5) Phenol-d6	6.97	99	1927	0.40	ng	0.00
8) Nitrobenzene-d5	8.96	82	1664	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3341	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	1026	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	5268	0.34	ng	0.00
25) Fluoranthene-d10	19.26	212	65291	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	13220	0.39	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	697	0.325	ng	97
3) n-Nitrosodimethylamine	3.61	42	427	0.360	ng	# 80
6) bis(2-Chloroethyl)ether	7.22	93	1480	0.343	ng	99
9) Naphthalene	10.65	128	20231	0.357	ng	100
10) Hexachlorobutadiene	10.93	225	1479	0.354	ng	95
12) 2-Methylnaphthalene	12.28	142	3399	0.368	ng	99
16) Acenaphthylene	14.20	152	7065	0.366	ng	100
17) Acenaphthene	14.54	154	3898	0.360	ng	99
18) Fluorene	15.51	166	5927	0.372	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	2623	0.341	ng	# 95
21) Hexachlorobenzene	16.52	284	2648	0.337	ng	98
22) Pentachlorophenol	16.89	266	743	0.484	ng	97
23) Phenanthrene	17.27	178	11760	0.361	ng	99
24) Anthracene	17.36	178	10659	0.361	ng	99
26) Fluoranthene	19.29	202	18541	0.360	ng	100
28) Pyrene	19.65	202	19230	0.404	ng	100
30) Benzo(a)anthracene	21.39	228	21672	0.403	ng	99
31) Chrysene	21.45	228	22589	0.393	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	32349	0.522	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	26429	0.381	ng	98
35) Benzo(b)fluoranthene	23.16	252	22295m	0.368	ng	
36) Benzo(k)fluoranthene	23.21	252	21895	0.347	ng	99
37) Benzo(a)pyrene	23.83	252	21271	0.365	ng	# 97
38) Dibenzo(a,h)anthracene	26.65	278	21377	0.349	ng	98
39) Benzo(g,h,i)perylene	27.46	276	21967	0.355	ng	100

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

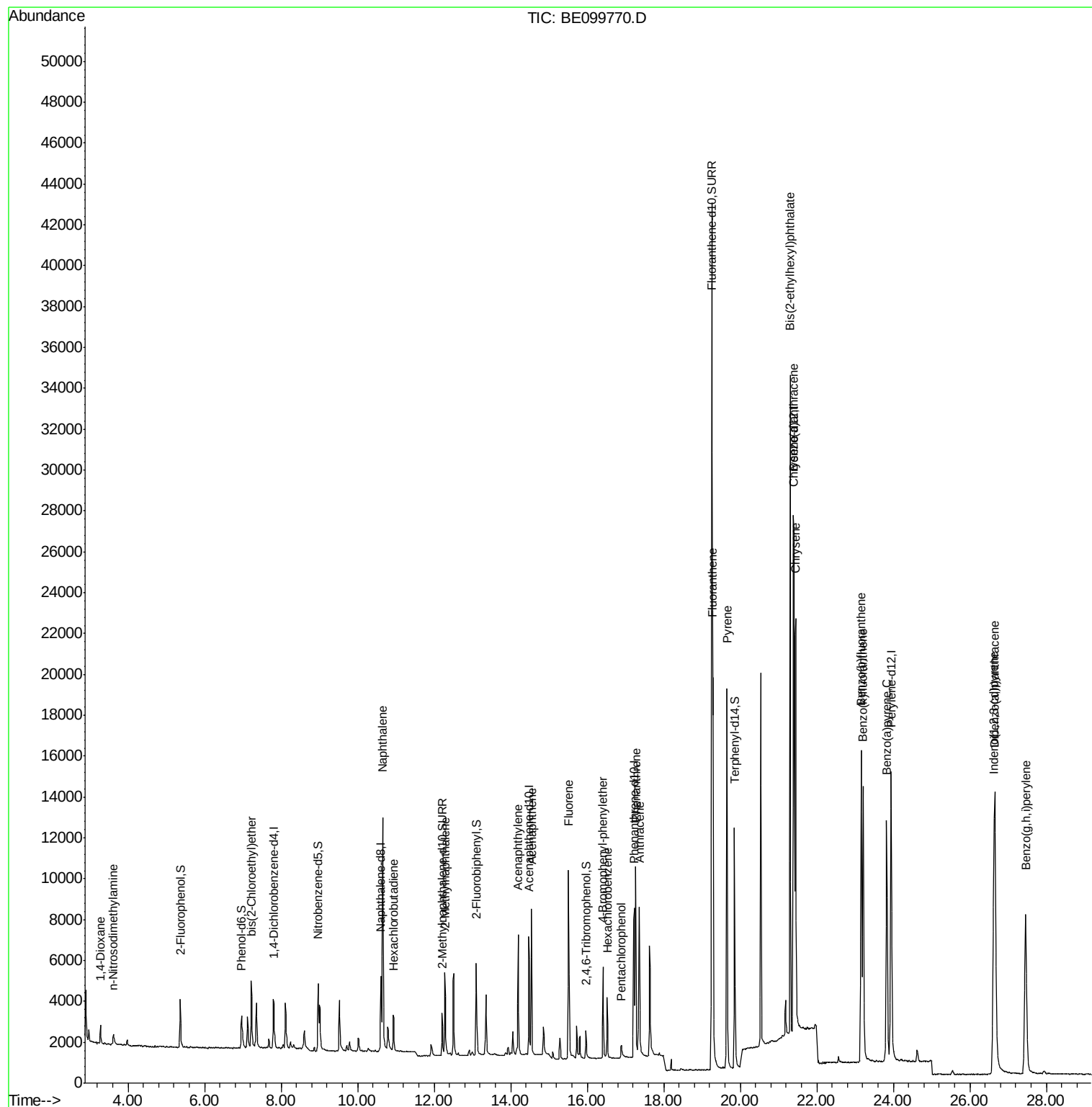
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
Data File : BE099770.D
Acq On : 28 May 2019 23:09
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

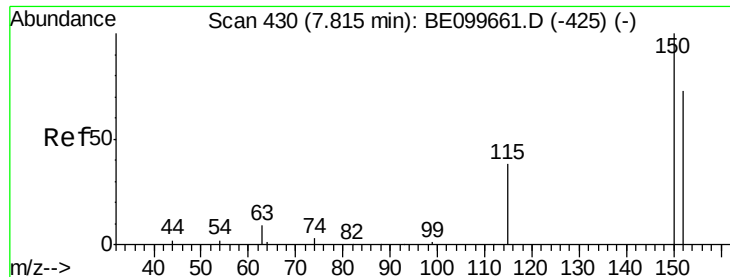
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion: 152 Resp: 1450

Ion Ratio Lower Upper

152 100

150 132.8 109.2 163.8

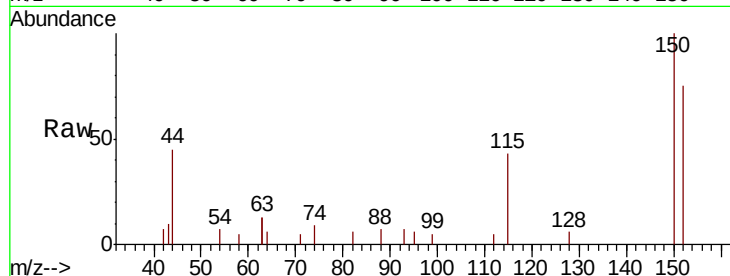
115 57.5 43.7 65.5

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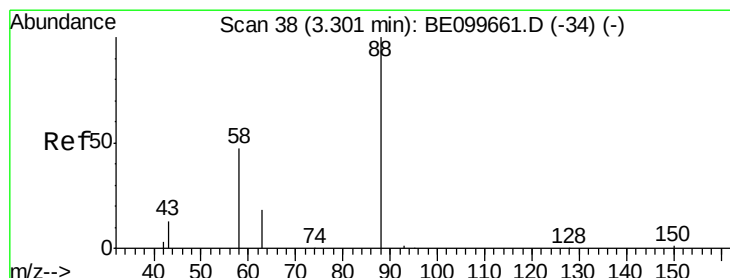
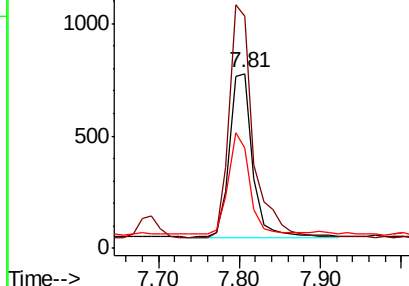
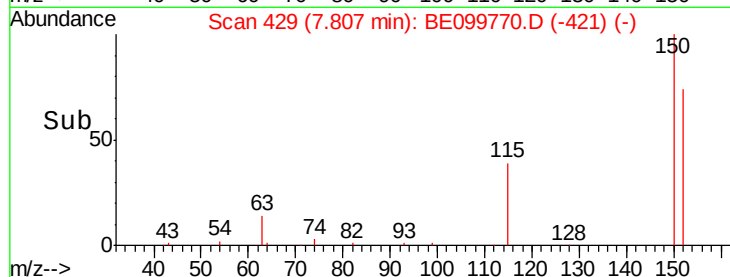
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.325 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

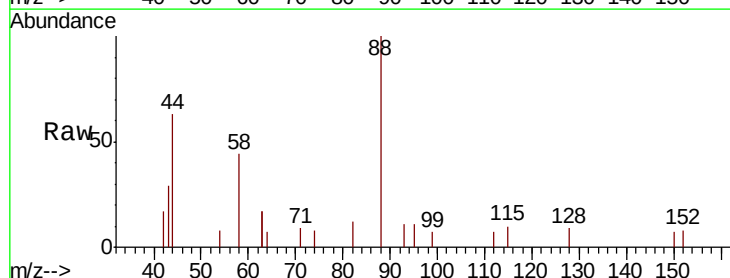
Tgt Ion: 88 Resp: 697

Ion Ratio Lower Upper

88 100

58 53.5 41.8 62.8

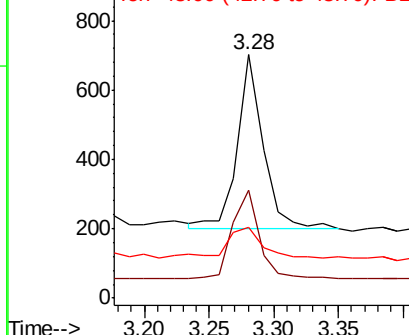
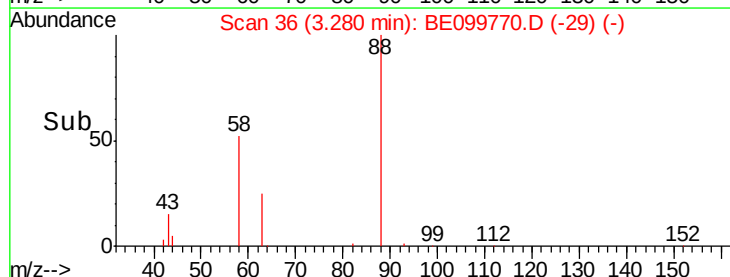
43 22.2 15.0 22.4

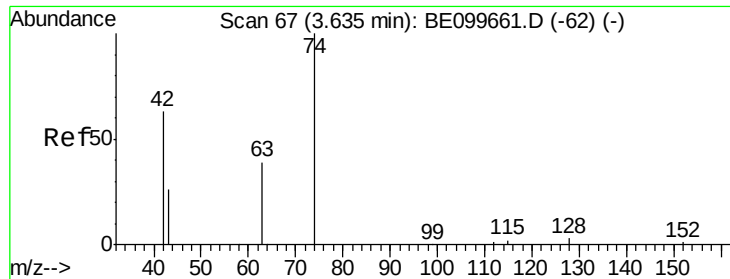


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

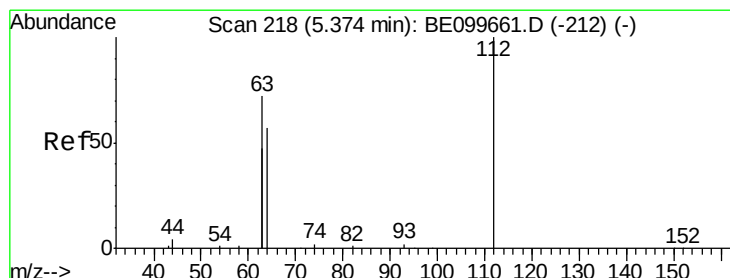
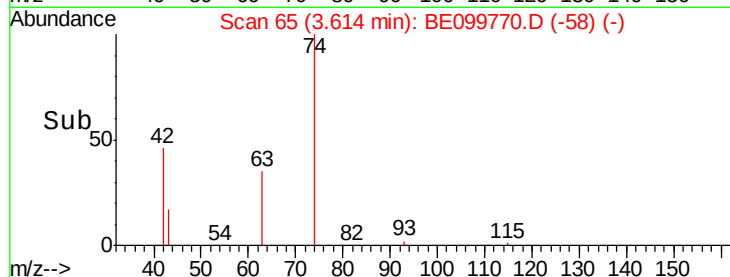
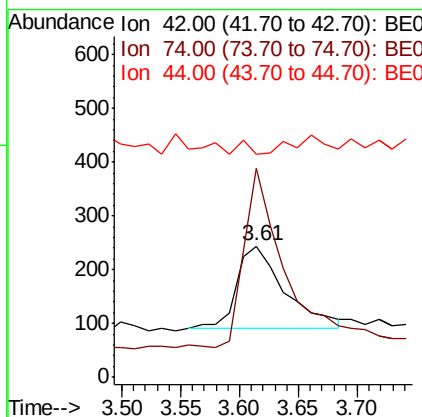
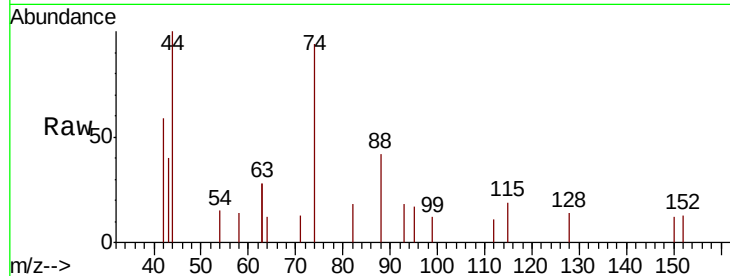
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.02 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	42	Resp:	427
Ion	Ratio	Lower	Upper
42	100		
74	188.5	129.2	193.8
44	0.0	0.0	0.0

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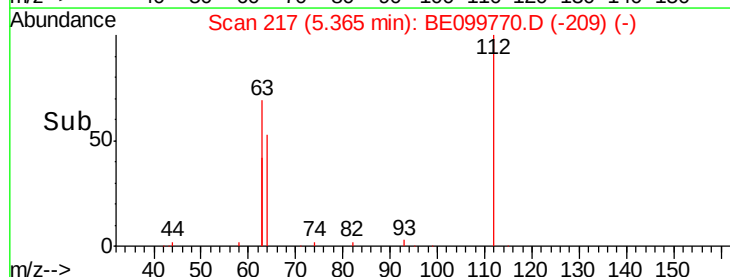
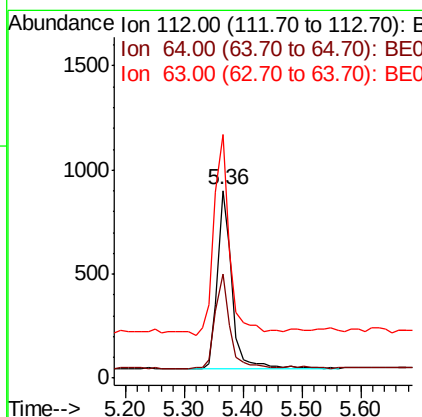
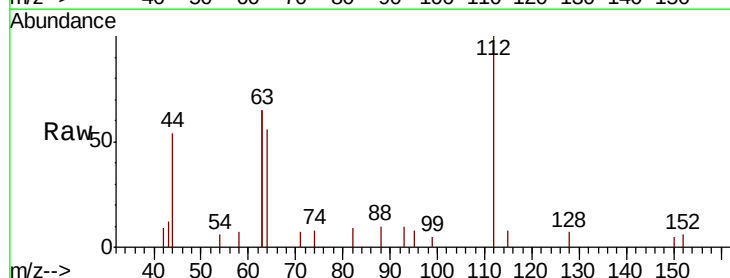
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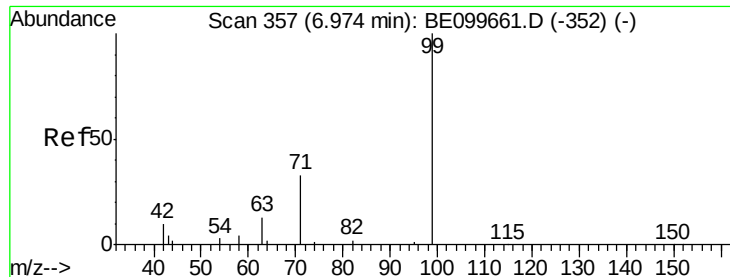


#4

2-Fluorophenol
Concen: 0.400 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion	112	Resp:	1465
Ion	Ratio	Lower	Upper
112	100		
64	52.1	43.4	65.2
63	119.2	96.9	145.3





#5

Phenol-d6

Concen: 0.397 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Instrument :

BNA_E

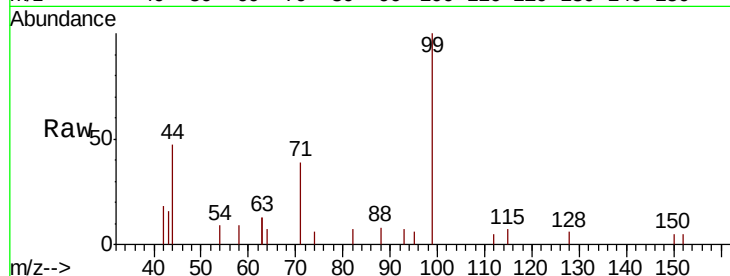
ClientSampleId :

SSTDCCC0.4EC

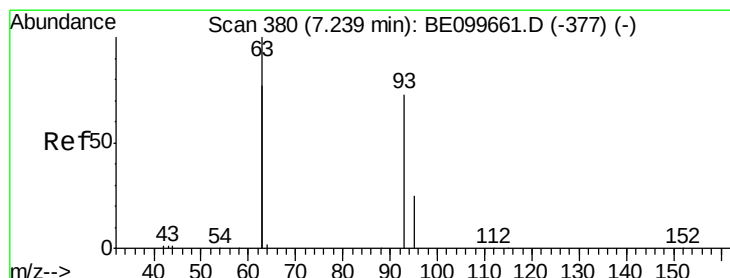
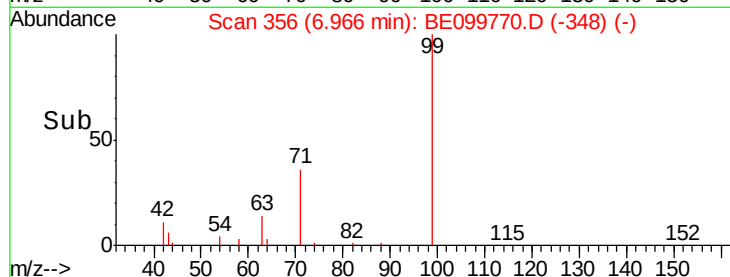
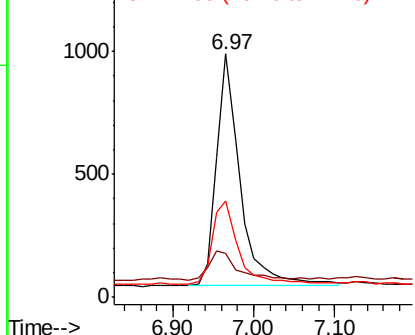
Tot Ion:	99	Resp:	1927
Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.2	18.2
71	39.1	28.9	43.3

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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: 0.343 ng

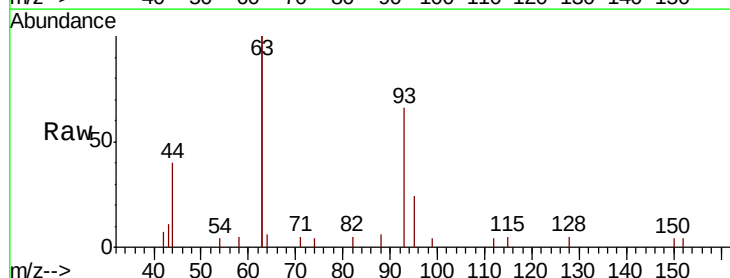
RT: 7.22 min Scan# 378

Delta R.T. -0.02 min

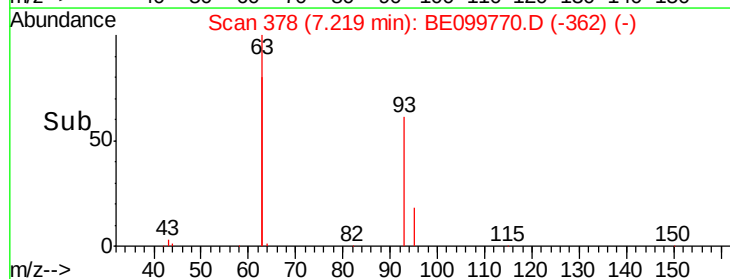
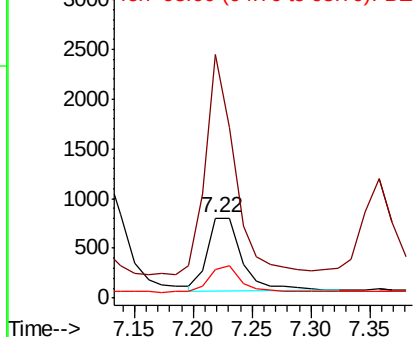
Lab File: BE099770.D

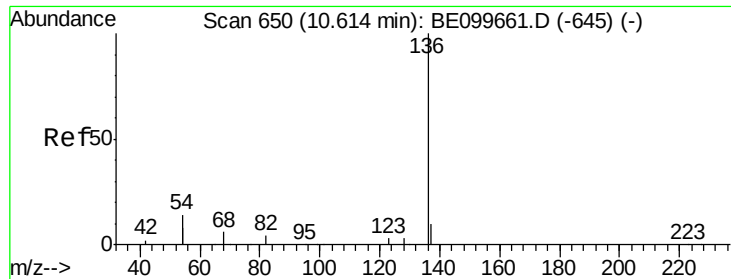
Acq: 28 May 2019 23:09

Tgt Ion:	93	Resp:	1480
Ion	Ratio	Lower	Upper
93	100		
63	257.6	207.8	311.6
95	33.4	25.9	38.9



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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Instrument :

BNA_E

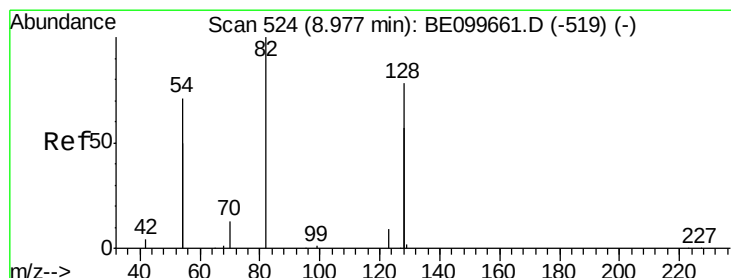
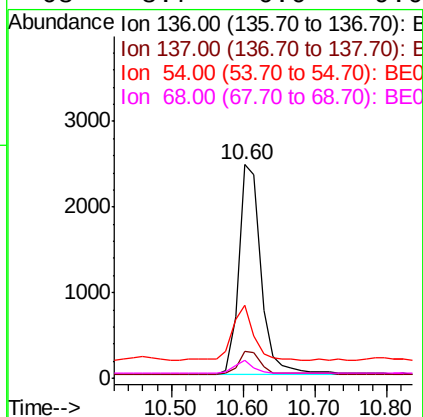
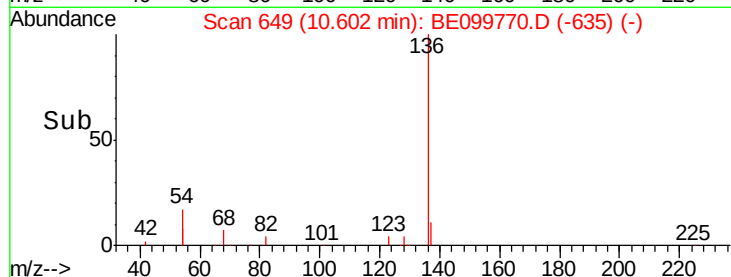
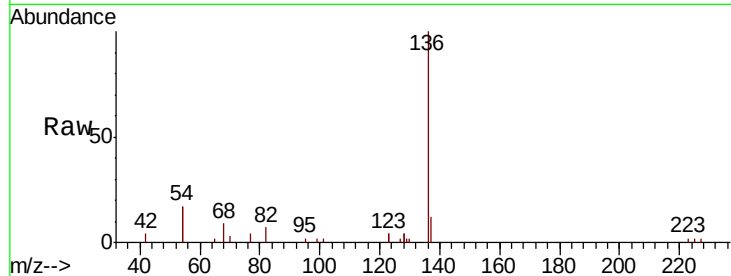
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.6
54	33.9	22.3	33.5
68	8.7	6.0	9.0

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#8

Nitrobenzene-d5

Concen: 0.362 ng

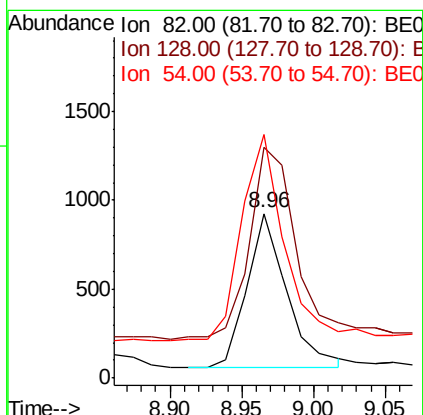
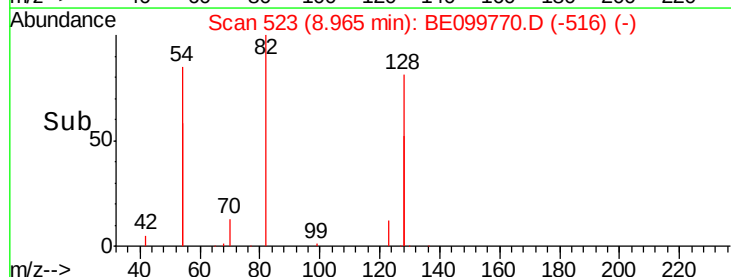
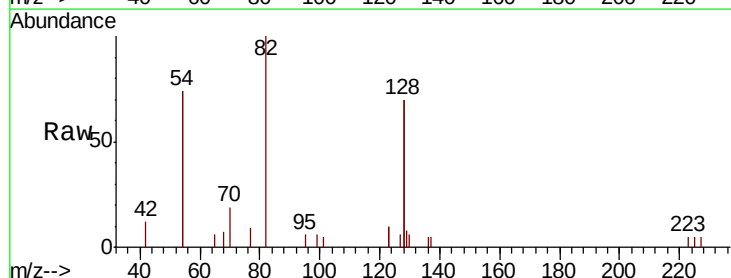
RT: 8.96 min Scan# 523

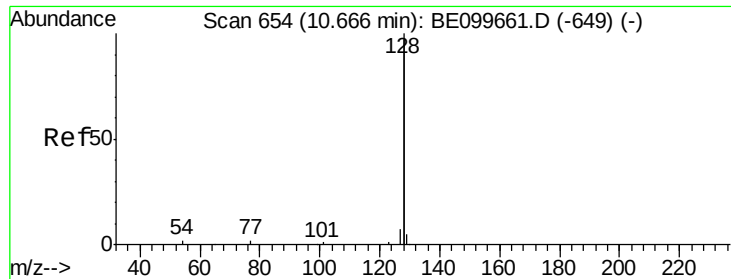
Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	140.5	117.7	176.5
54	148.1	106.6	160.0





#9

Naphthalene

Concen: 0.357 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Instrument :

BNA_E

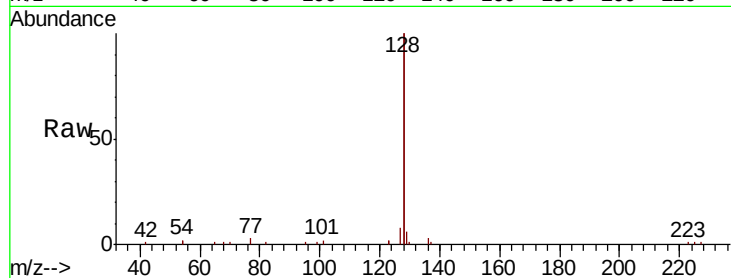
ClientSampleId :

SSTDCCC0.4EC

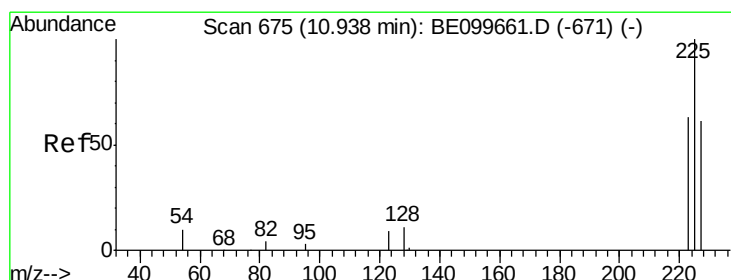
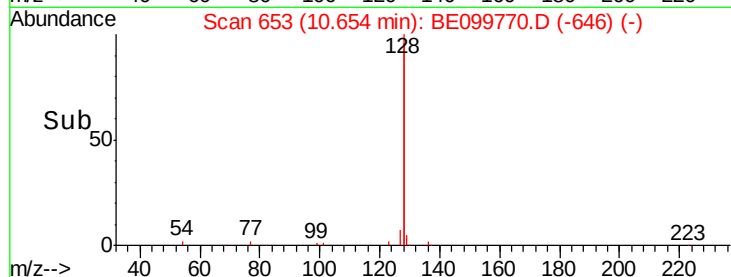
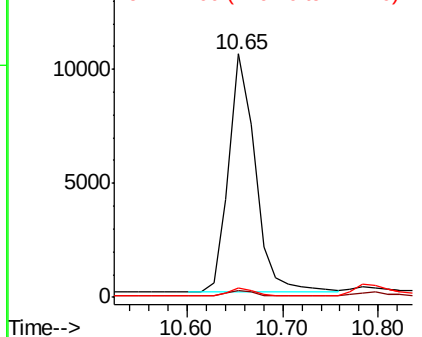
Tot Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.4	3.6
127	3.8	2.9	4.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.354 ng

RT: 10.93 min Scan# 674

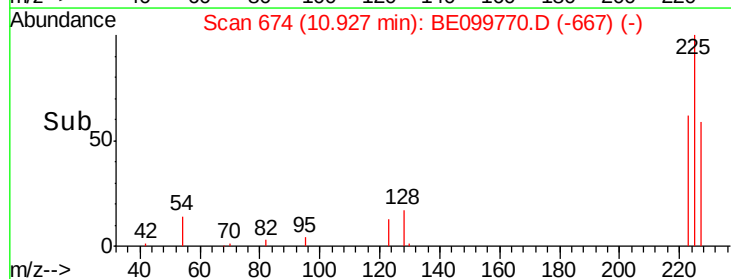
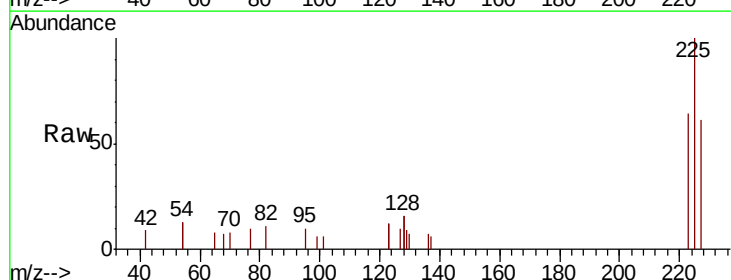
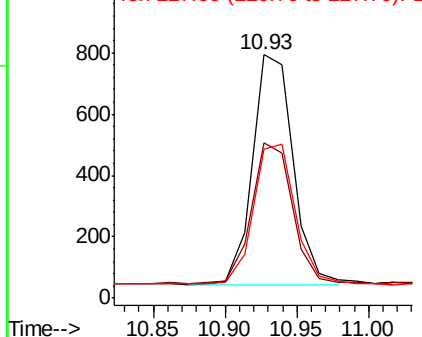
Delta R.T. -0.01 min

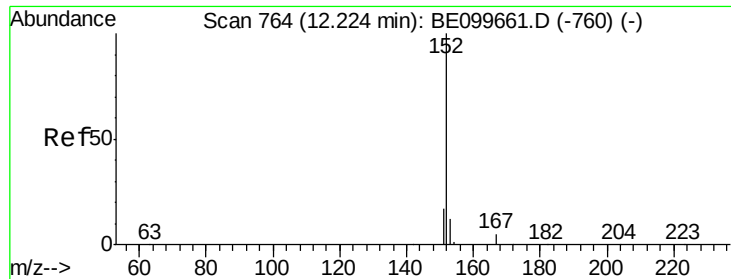
Lab File: BE099770.D

Acq: 28 May 2019 23:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.8	77.6
227	62.0	52.6	79.0

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





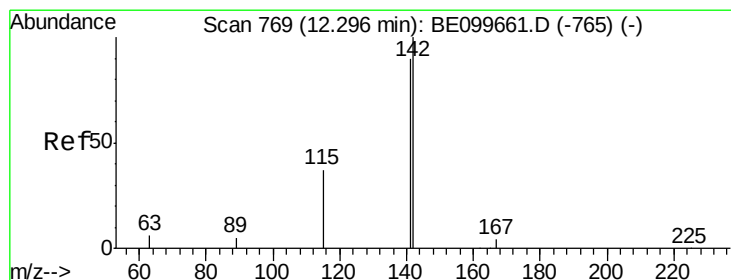
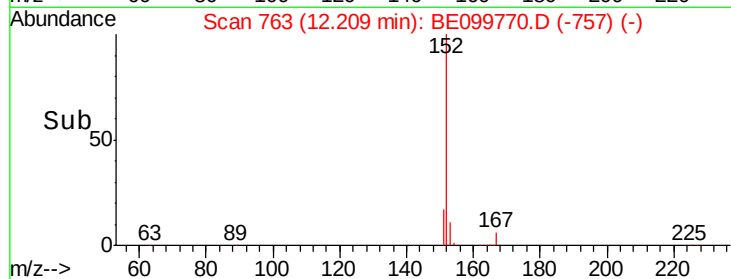
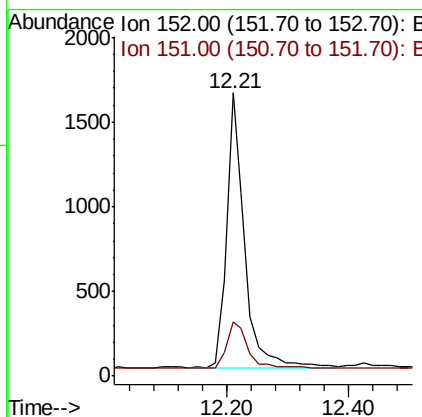
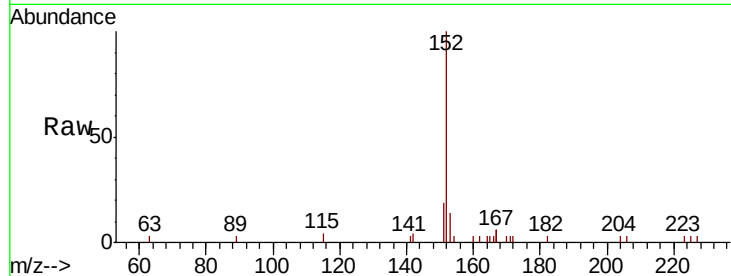
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.0	22.4

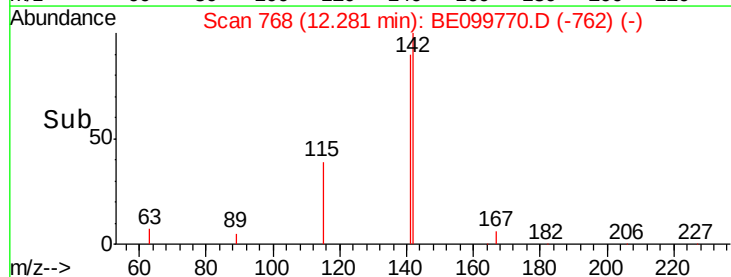
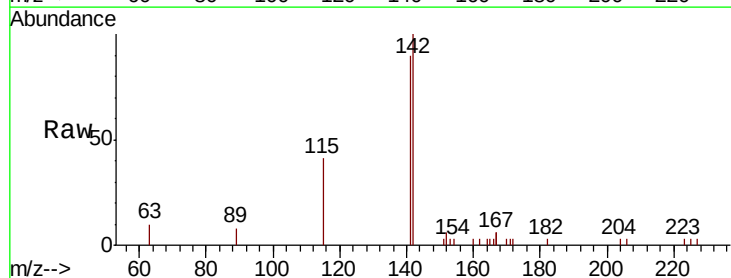
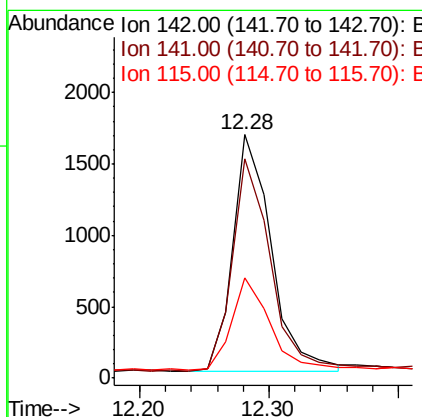
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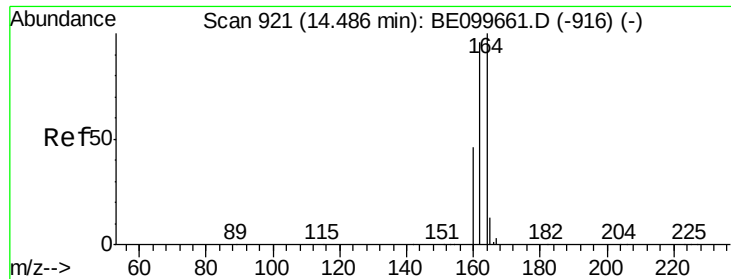
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#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.0	108.0
115	41.2	31.0	46.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Instrument :

BNA_E

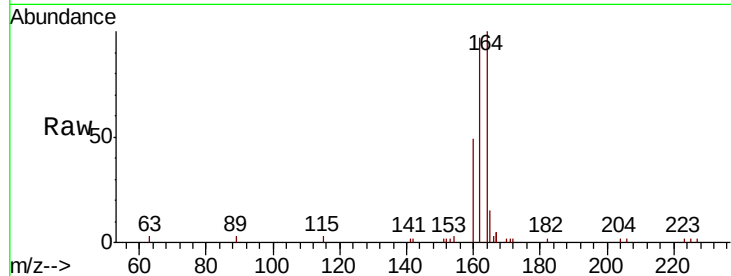
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	164	Resp:	4139
Ion	Ratio	Lower	Upper
164	100		
162	97.4	76.5	114.7
160	49.0	37.4	56.2

Manual Integrations
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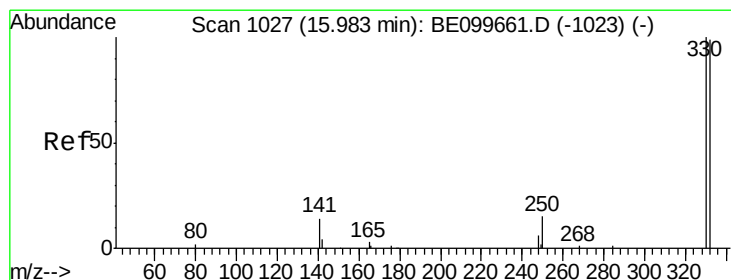
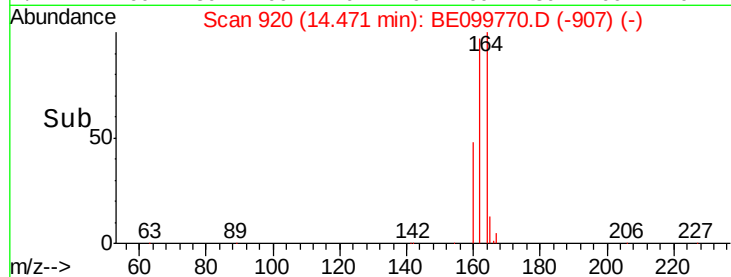
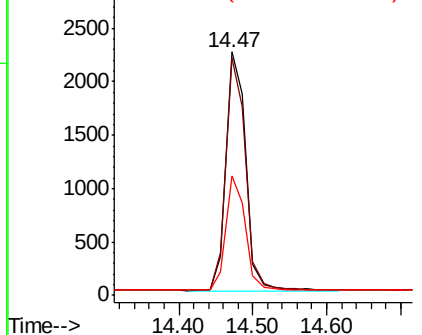


Abundance

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: 0.454 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

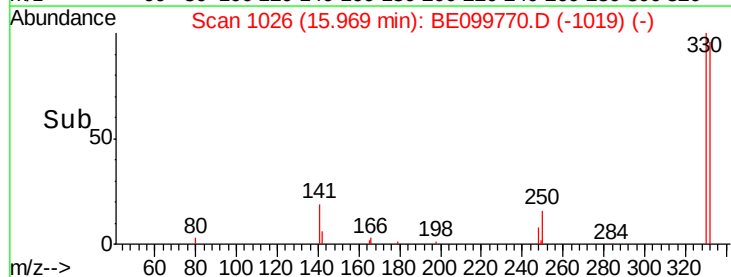
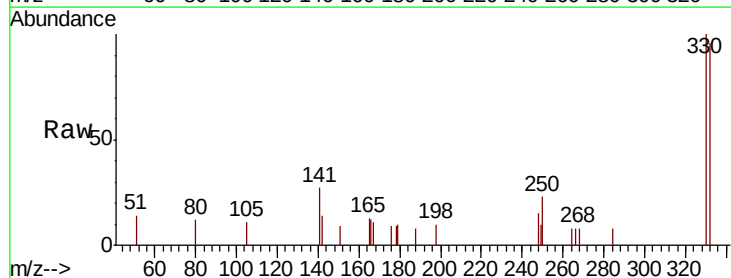
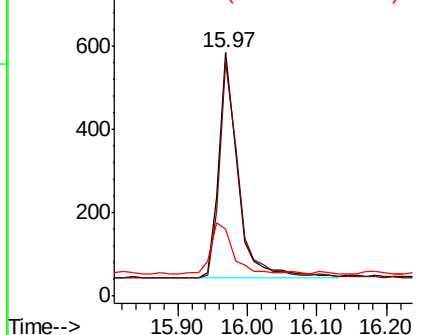
Tgt Ion:	330	Resp:	1026
Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.3	115.9
141	25.2	18.9	28.3

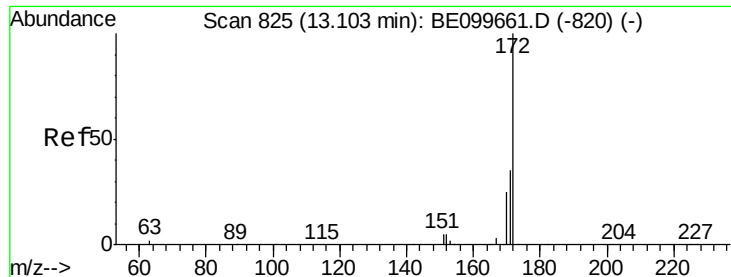
Abundance

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





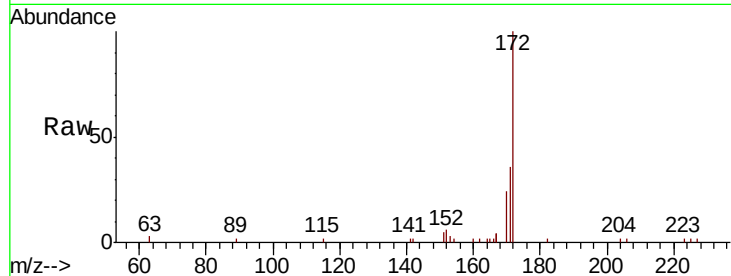
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

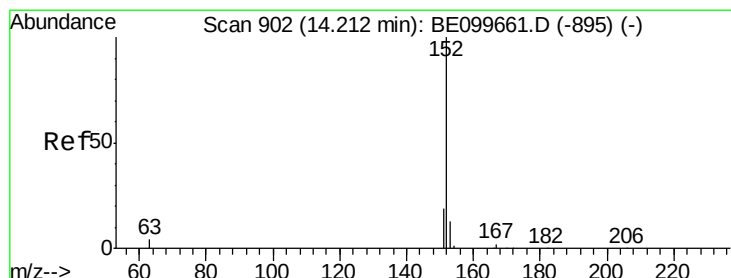
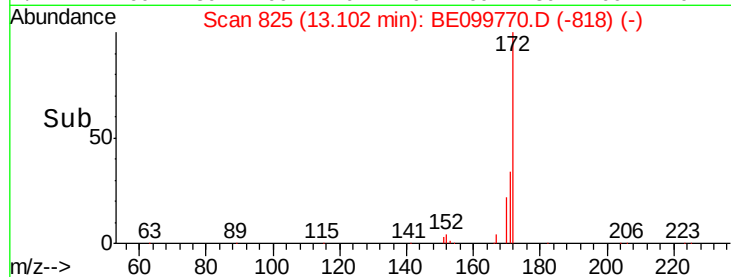
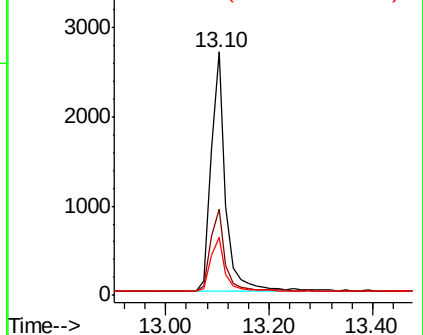
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.9	20.9	31.3

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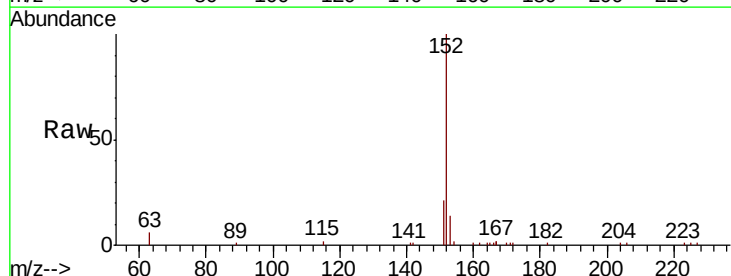


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

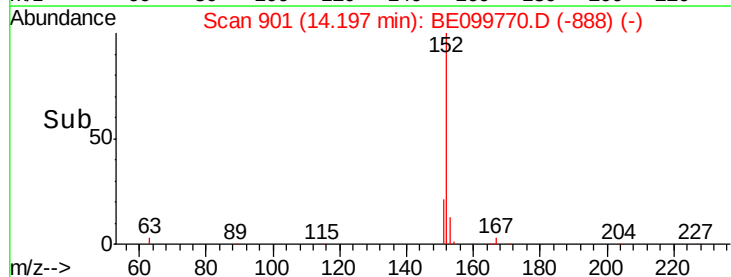
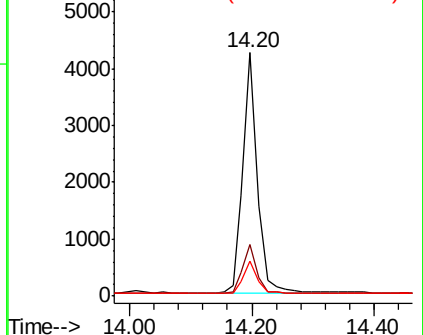


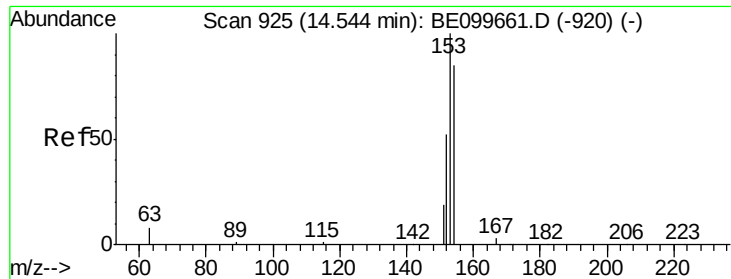
#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.6	16.0



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





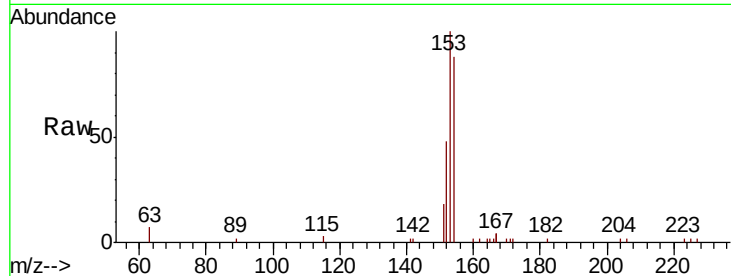
#17
Acenaphthene
Concen: 0.360 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

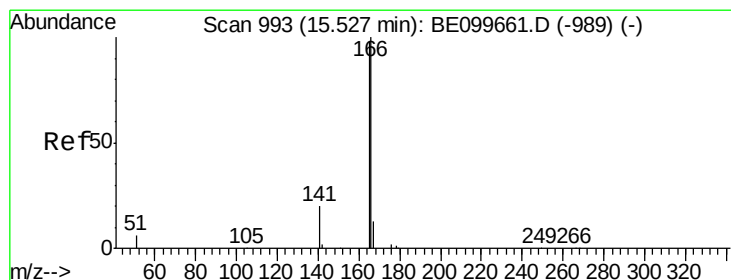
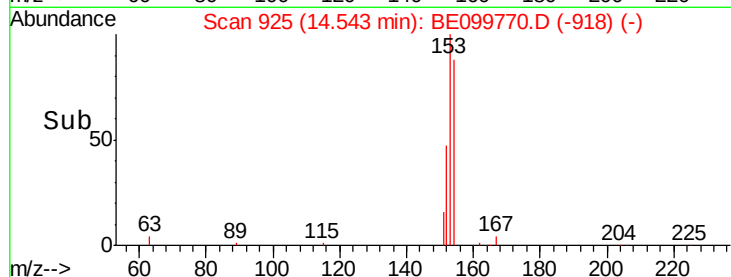
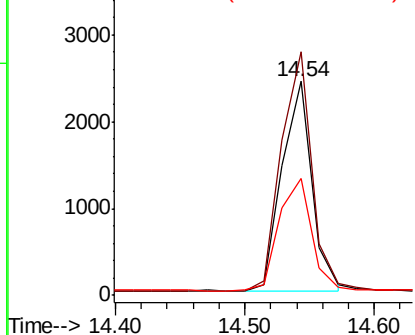
Tot Ion	Ratio	Lower	Upper
154	100		
153	116.8	91.8	137.6
152	57.9	46.0	69.0

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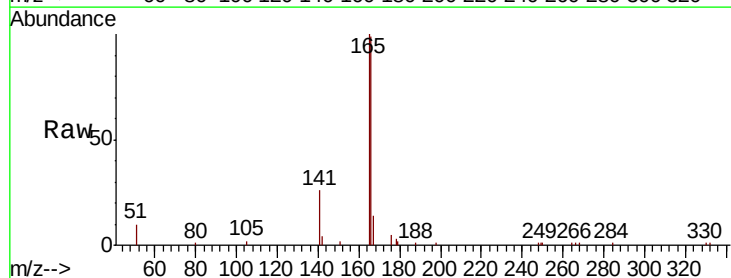


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

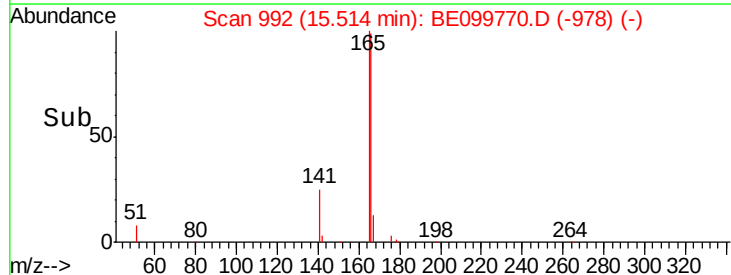
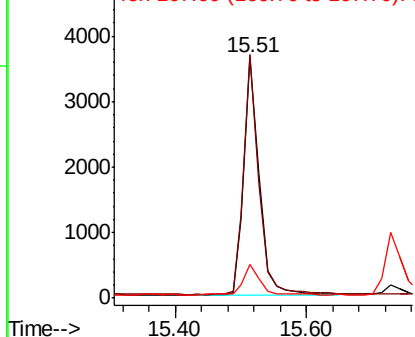


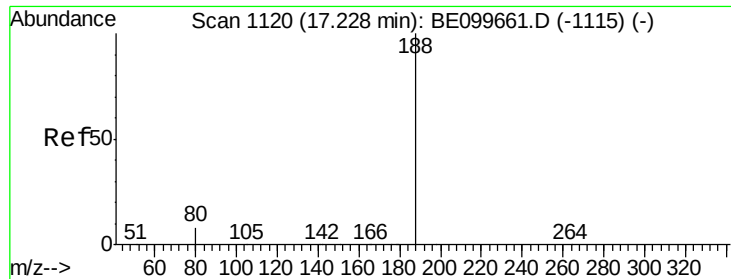
#18
Fluorene
Concen: 0.372 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.3	120.5
167	13.8	10.6	16.0



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





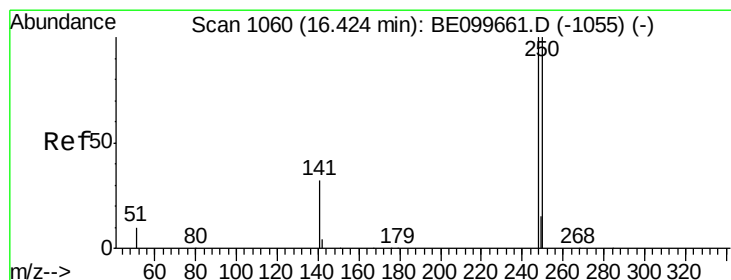
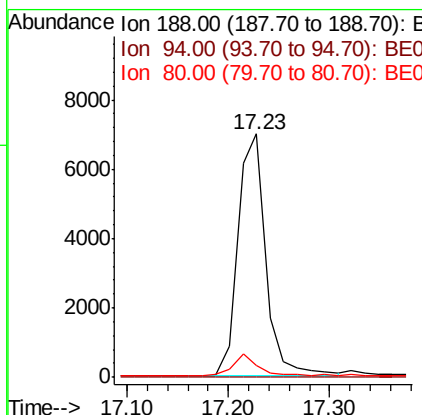
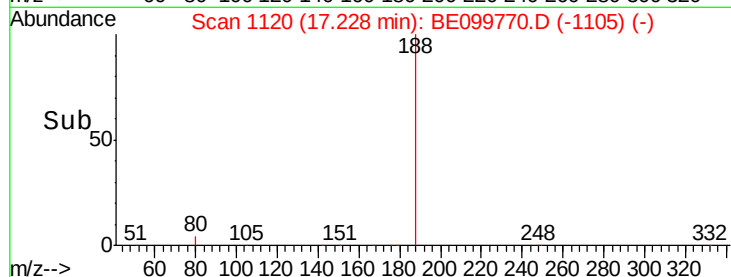
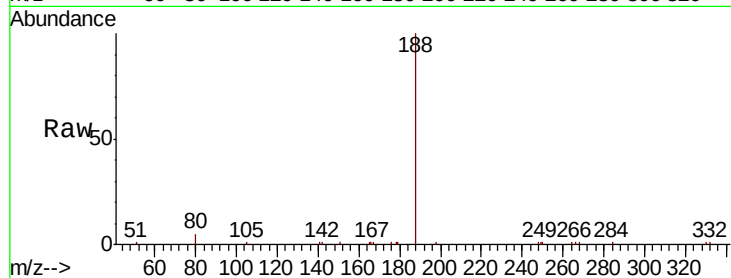
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.1	6.7	10.1

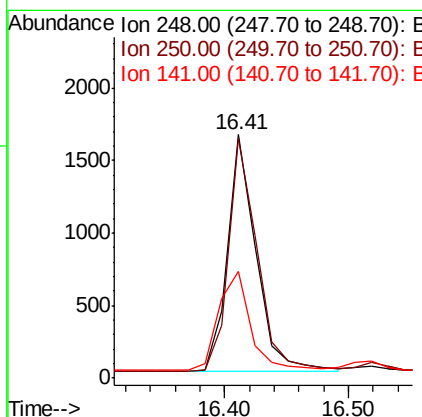
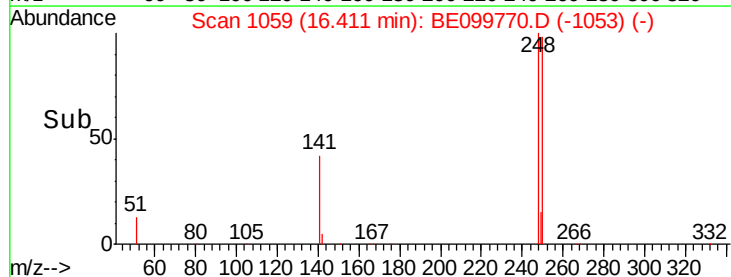
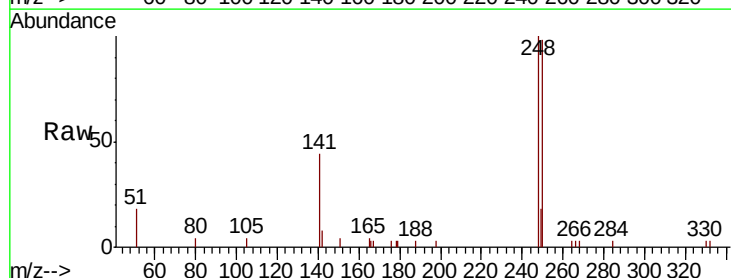
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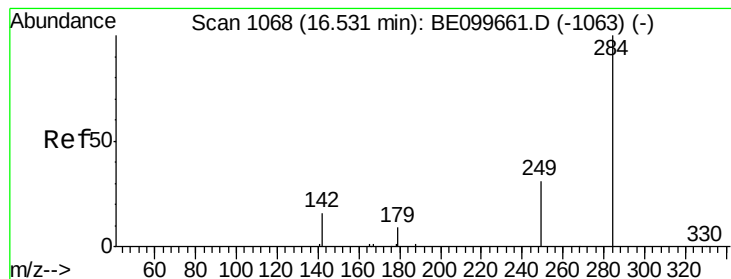
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#20
4-Bromophenyl-phenylether
Concen: 0.341 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.8	119.8
141	43.8	27.0	40.6





#21

Hexachlorobenzene

Concen: 0.337 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Instrument :

BNA_E

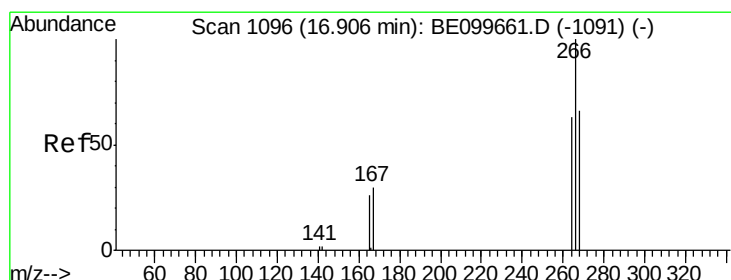
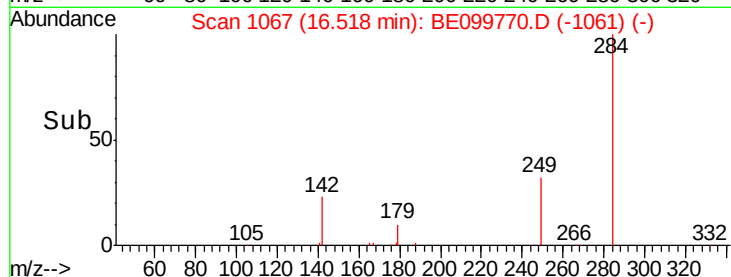
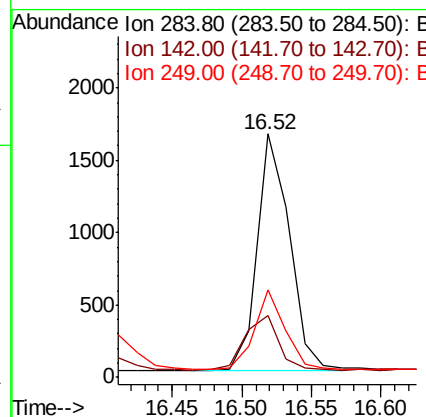
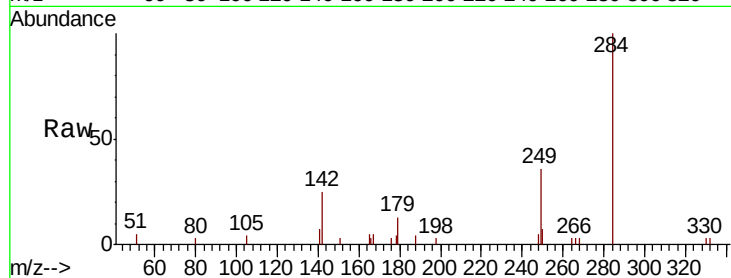
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	284	Resp:	2648
Ion Ratio	Lower	Upper	
284	100		
142	24.2	17.8	26.6
249	31.2	24.8	37.2

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#22

Pentachlorophenol

Concen: 0.484 ng

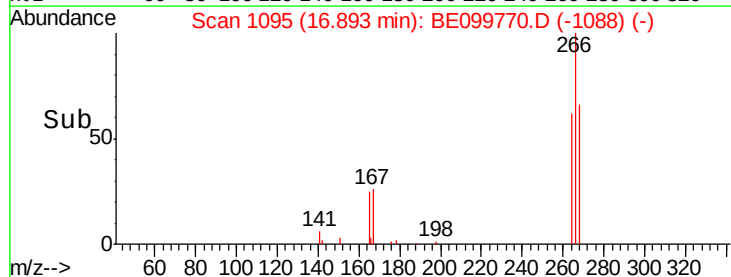
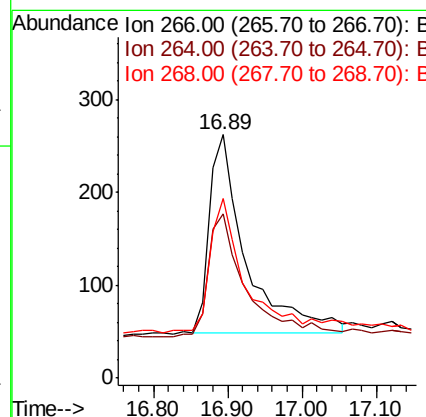
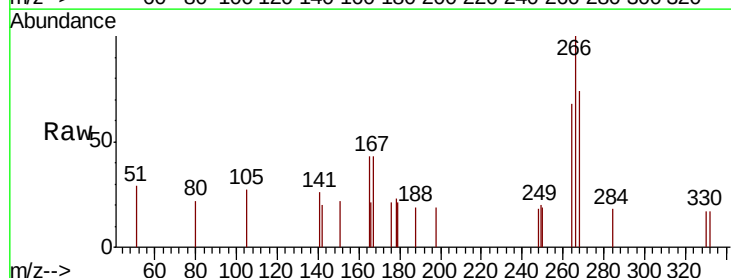
RT: 16.89 min Scan# 1095

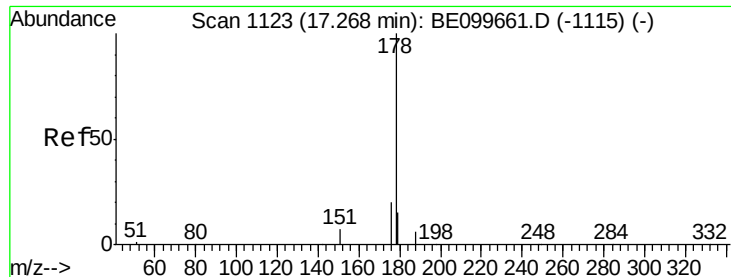
Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Tgt Ion:	266	Resp:	743
Ion Ratio	Lower	Upper	
266	100		
264	67.6	57.2	85.8
268	74.0	60.5	90.7





#23

Phenanthrene

Concen: 0.361 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Instrument :

BNA_E

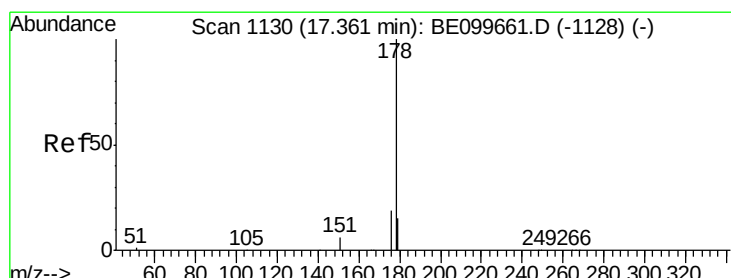
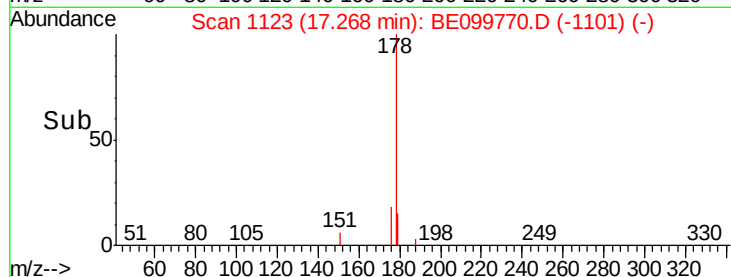
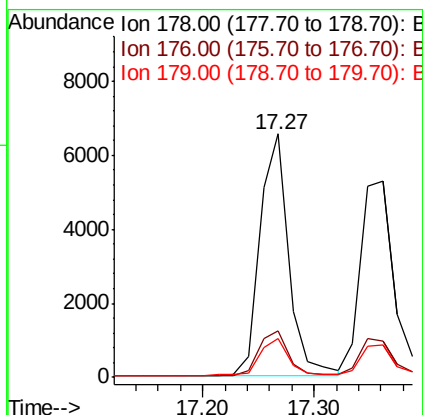
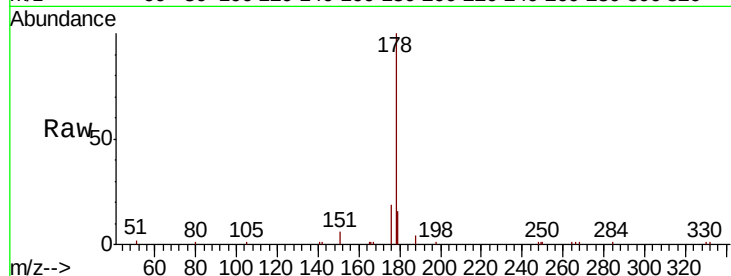
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178	Resp:	11760
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.6 23.4
179	15.1	12.2 18.4

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#24

Anthracene

Concen: 0.361 ng

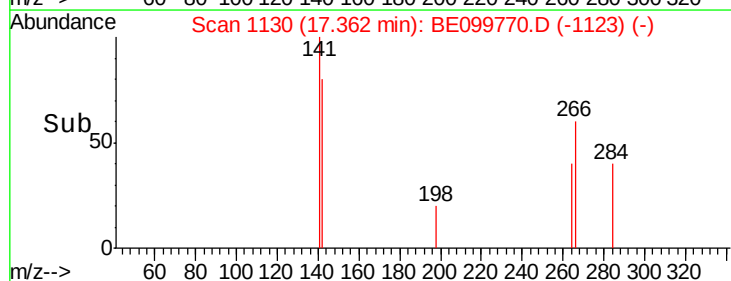
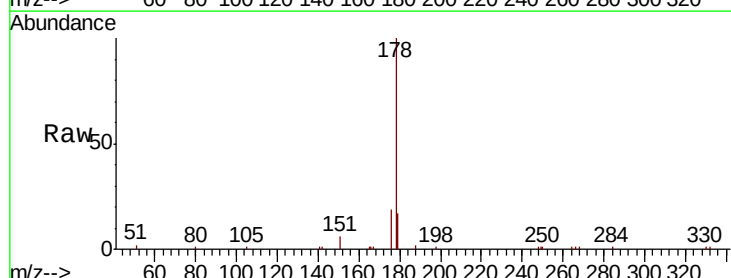
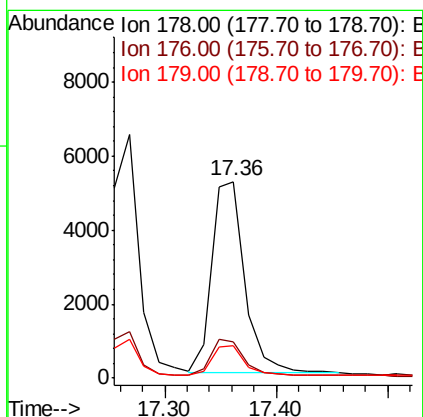
RT: 17.36 min Scan# 1130

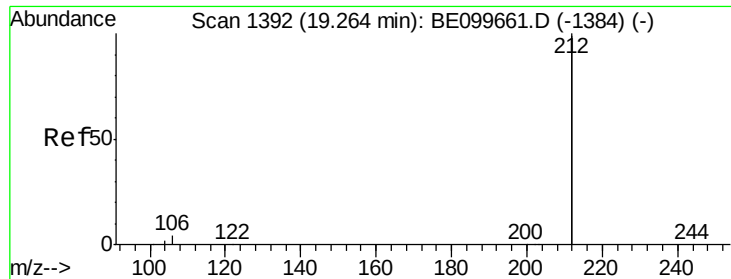
Delta R.T. 0.00 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Tgt Ion:178	Resp:	10659
Ion Ratio	Lower	Upper
178	100	
176	19.0	14.7 22.1
179	15.1	12.0 18.0





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Instrument :

BNA_E

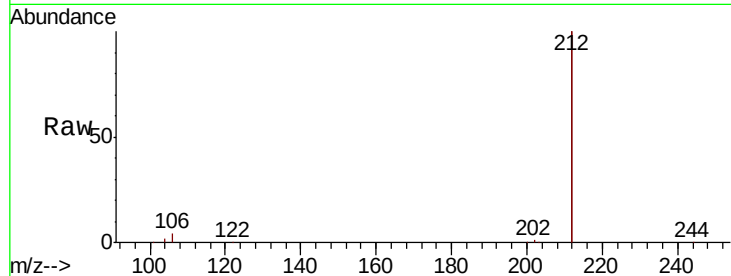
ClientSampleId :

SSTDCCC0.4EC

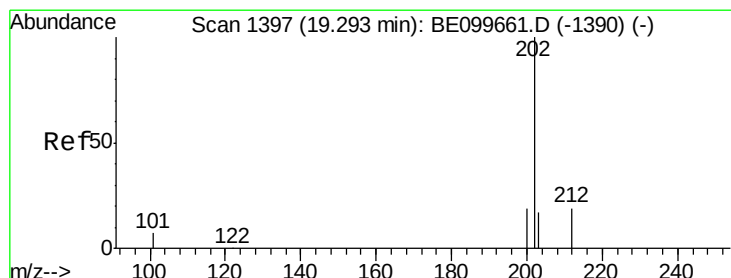
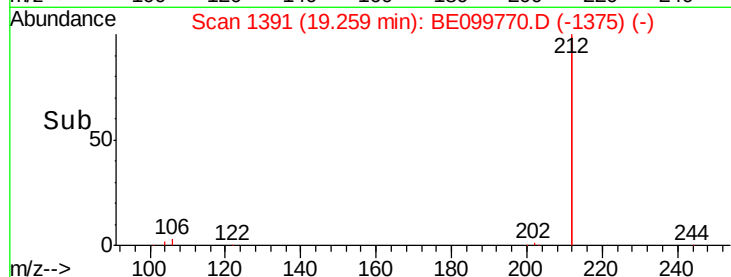
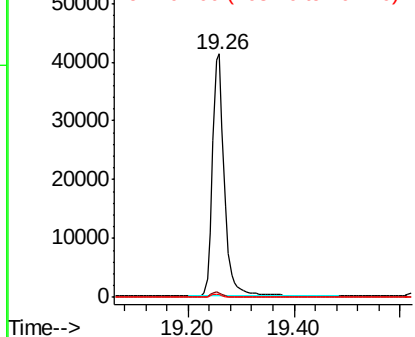
Tot Ion:	212	Resp:	65291
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.1	0.8	1.2

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



#26

Fluoranthene

Concen: 0.360 ng

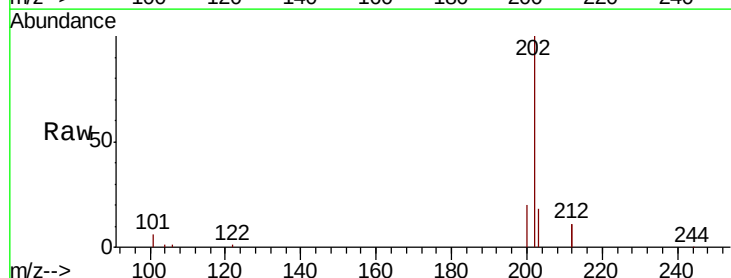
RT: 19.29 min Scan# 1396

Delta R.T. -0.01 min

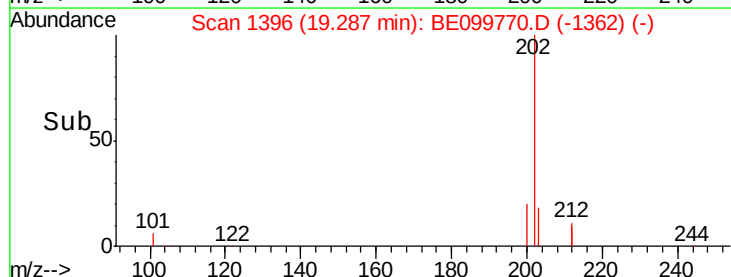
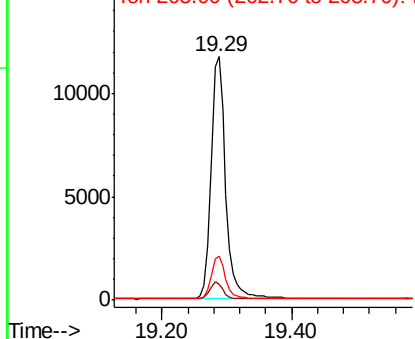
Lab File: BE099770.D

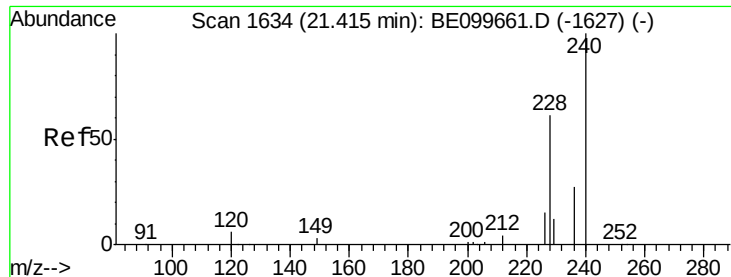
Acq: 28 May 2019 23:09

Tgt Ion:	202	Resp:	18541
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.2	7.8
203	17.4	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Instrument :

BNA_E

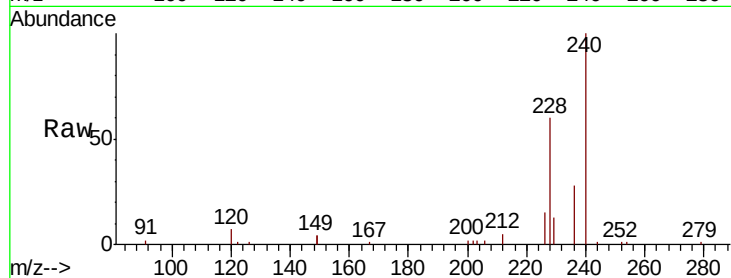
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ion	Ratio	Lower	Upper
240	100			
120	7.1	5.4	8.0	
236	27.9	21.7	32.5	

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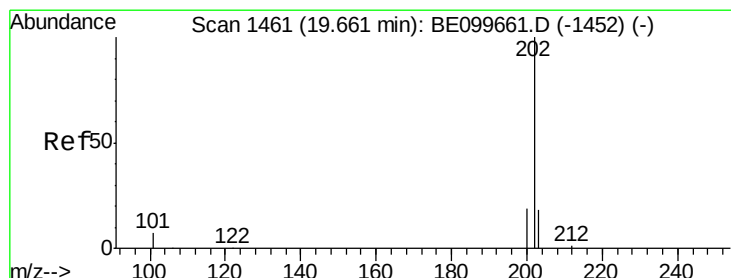
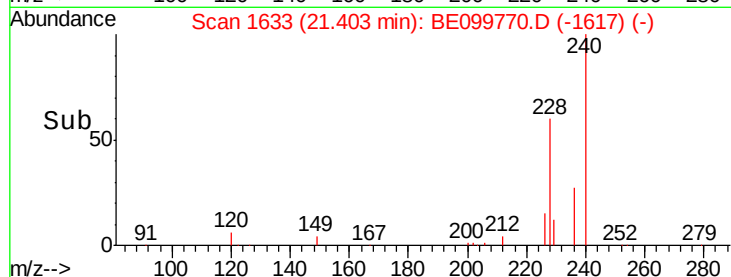
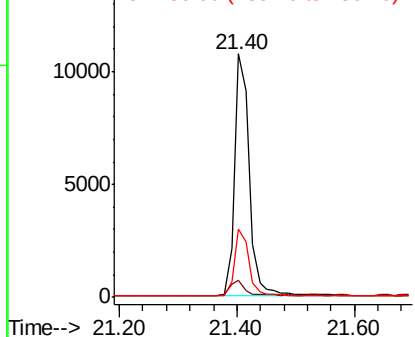


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.404 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

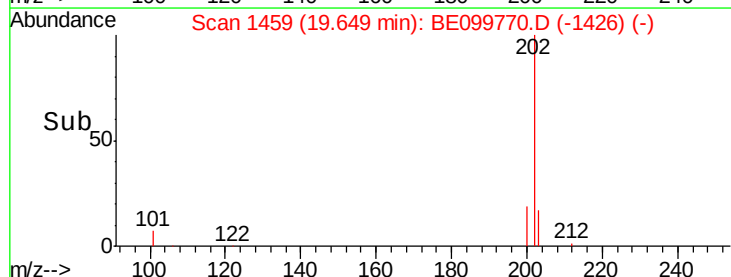
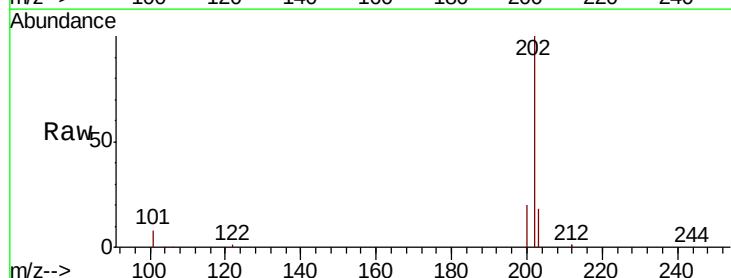
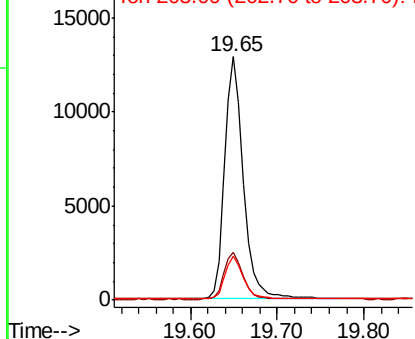
Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	19.7	15.4	23.2	
203	17.3	13.8	20.8	

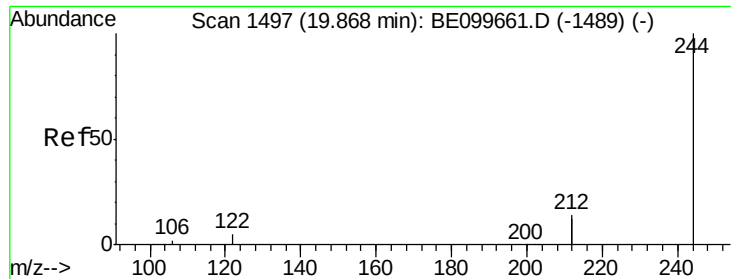
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





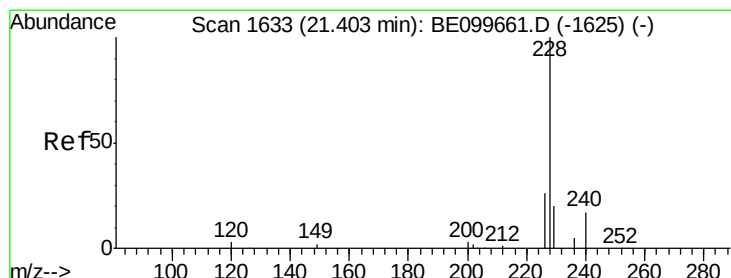
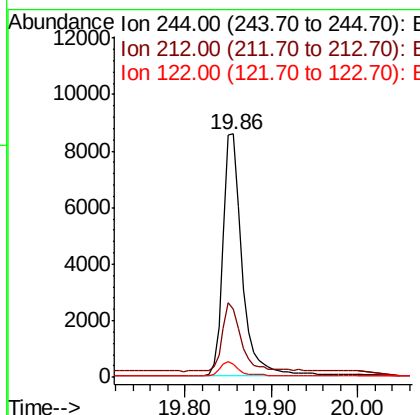
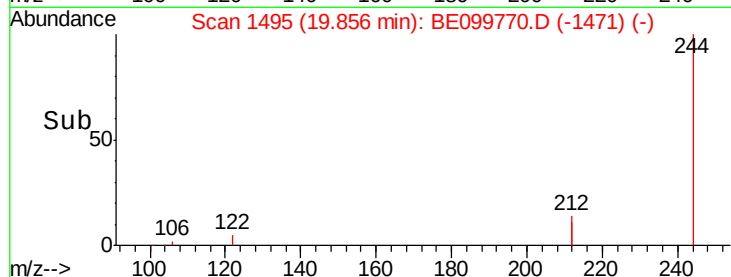
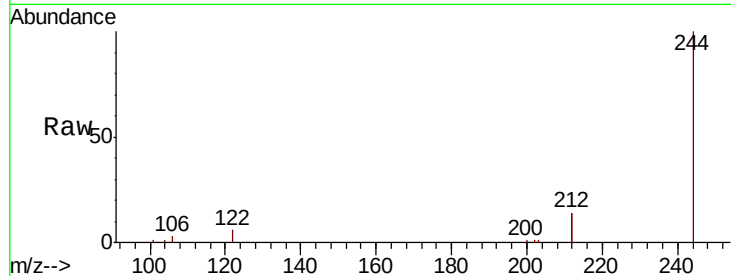
#29
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BE099770.D
 Acq: 28 May 2019 23:09

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	28.2	22.5	33.7
122	5.7	4.3	6.5

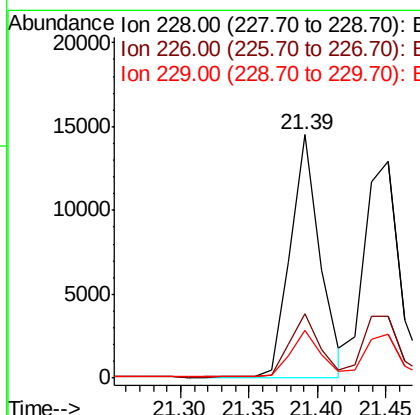
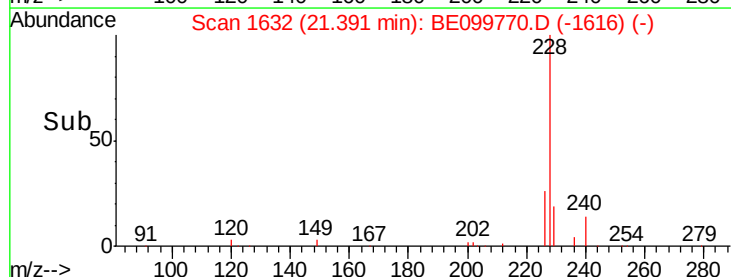
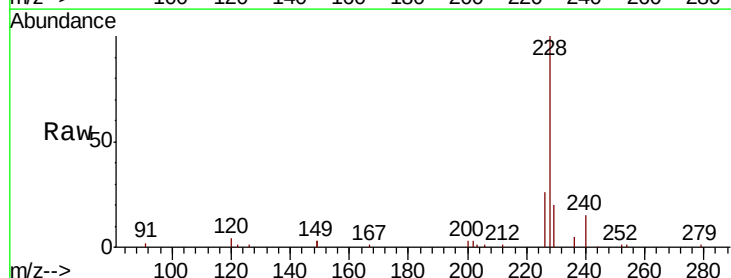
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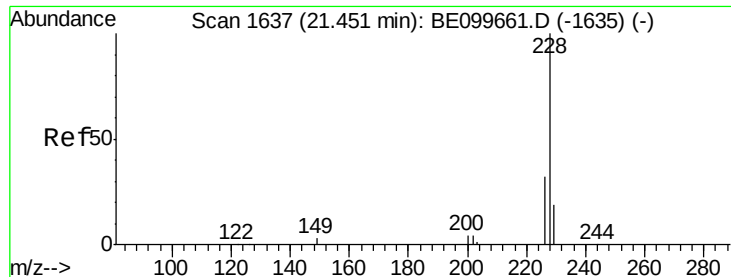
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.403 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099770.D
 Acq: 28 May 2019 23:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.5	16.1	24.1





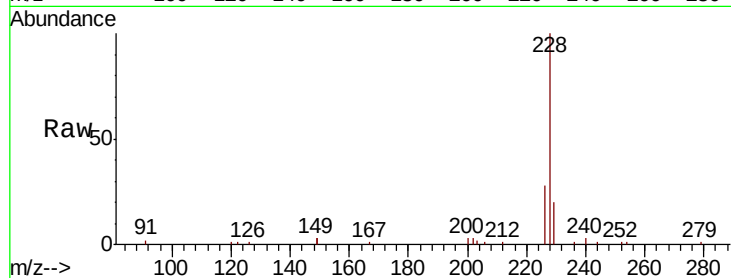
#31
Chrysene
Concen: 0.393 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.7	37.1
229	20.3	15.8	23.6

Manual Integrations
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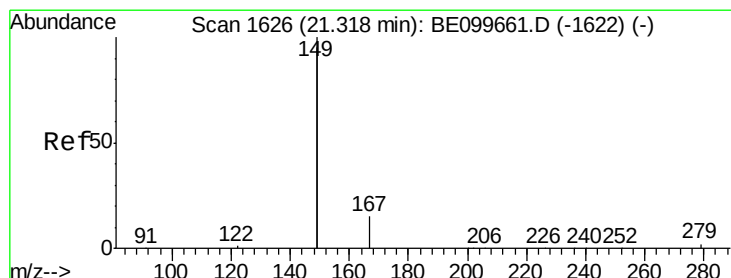
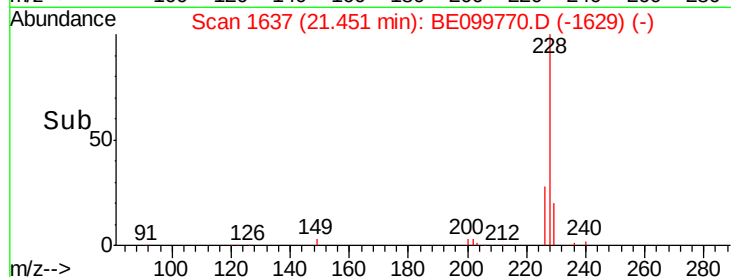
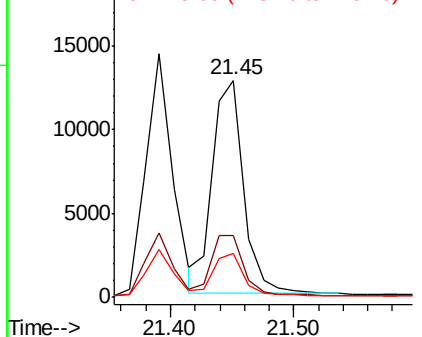


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.522 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

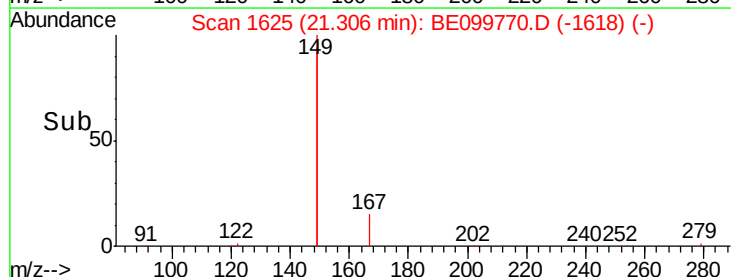
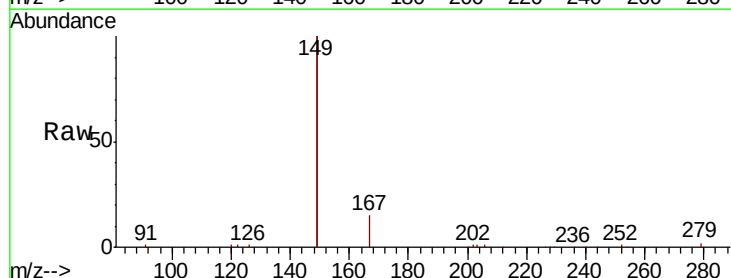
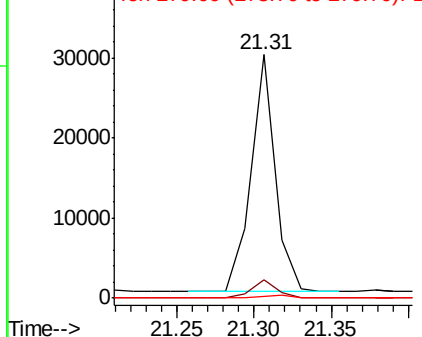
Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.2	9.4
279	1.5	1.2	1.8

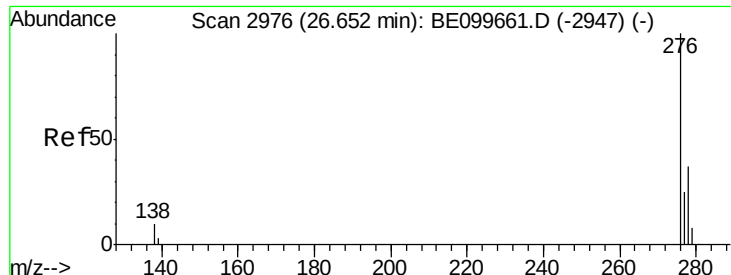
Abundance

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





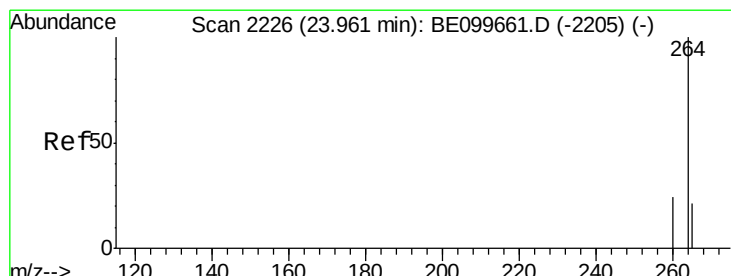
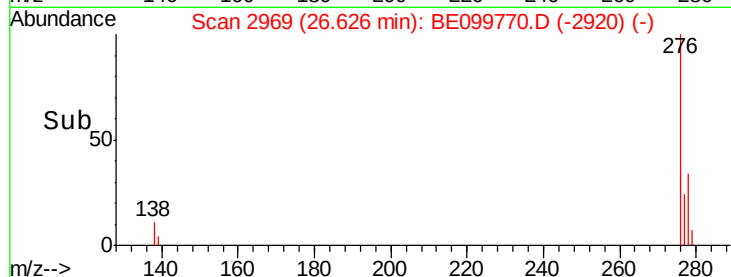
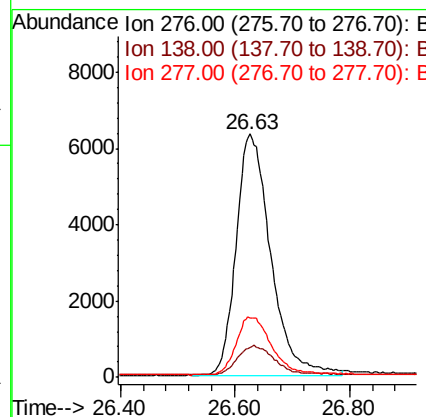
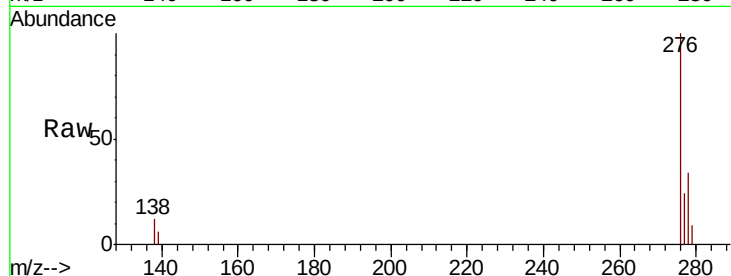
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.381 ng
 RT: 26.63 min Scan# 2969
 Delta R.T. -0.03 min
 Lab File: BE099770.D
 Acq: 28 May 2019 23:09

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.6	14.4
277	24.7	19.2	28.8

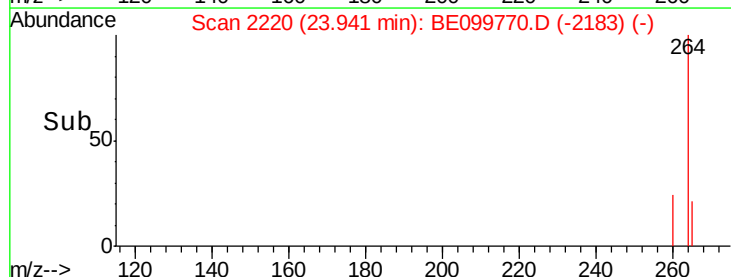
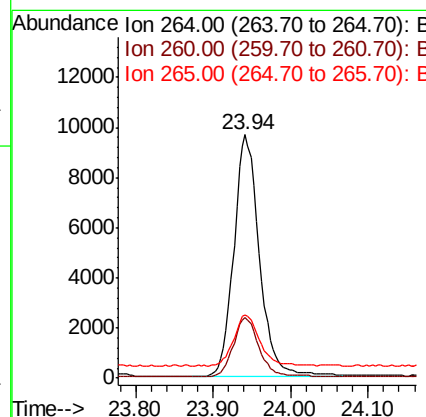
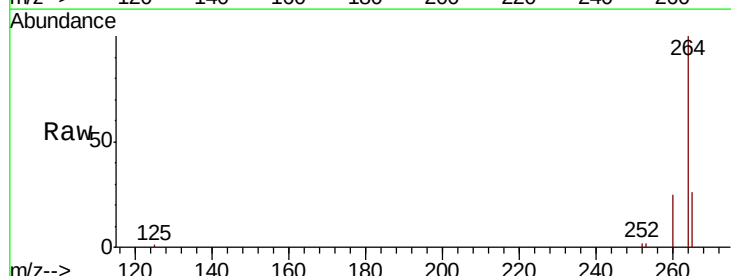
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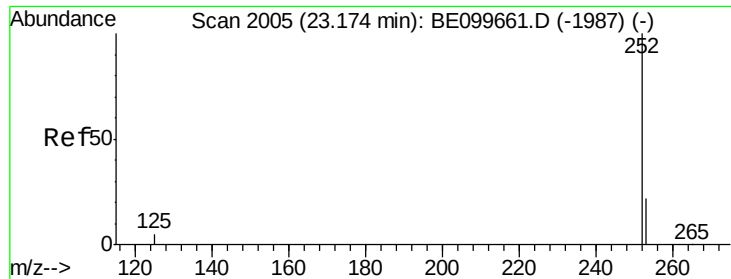
mohammad
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2220
 Delta R.T. -0.02 min
 Lab File: BE099770.D
 Acq: 28 May 2019 23:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	26.0	19.1	28.7





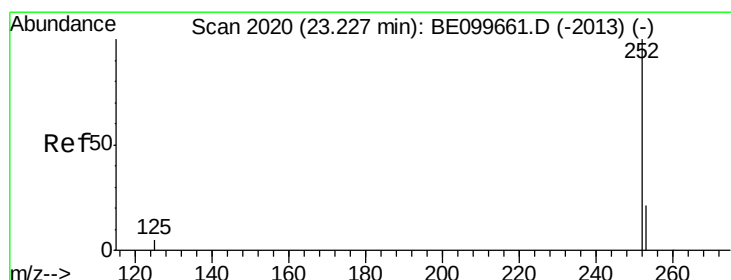
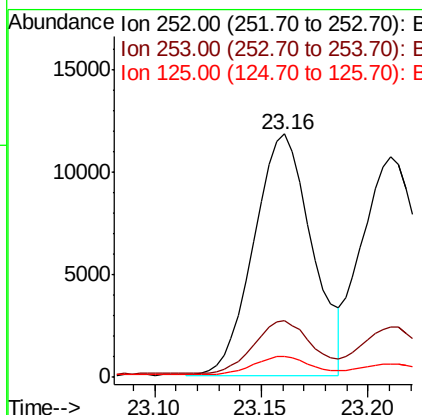
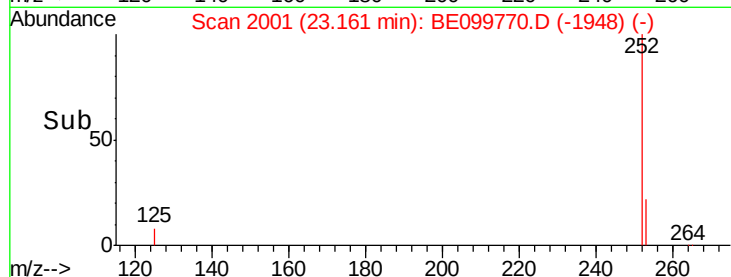
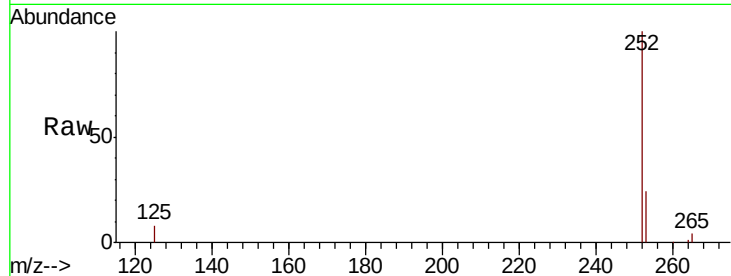
#35
Benzo(b)fluoranthene
Concen: 0.368 ng m
RT: 23.16 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	8.4	4.5	6.7

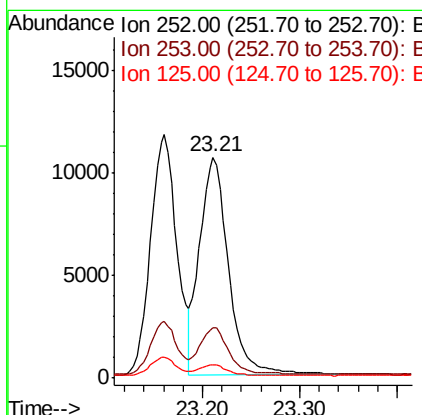
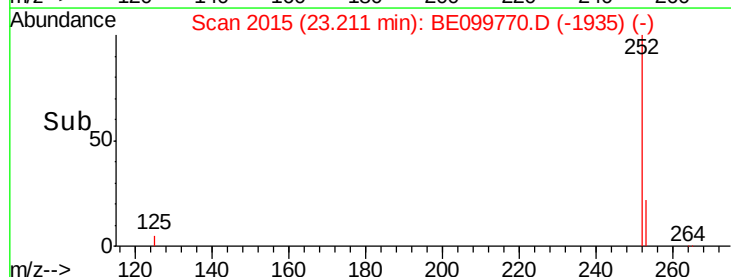
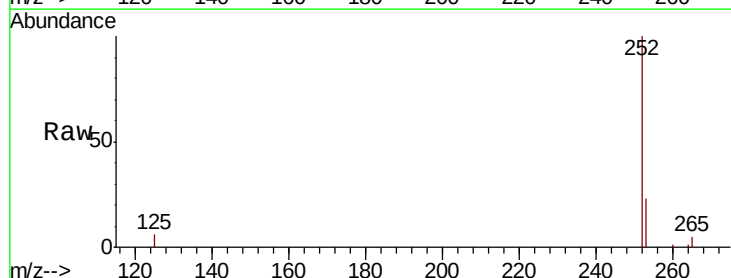
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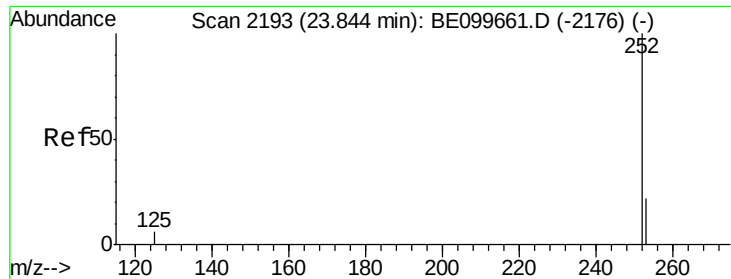
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#36
Benzo(k)fluoranthene
Concen: 0.347 ng
RT: 23.21 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	5.8	4.6	6.8





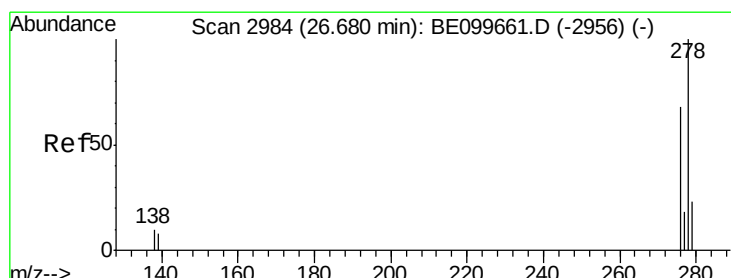
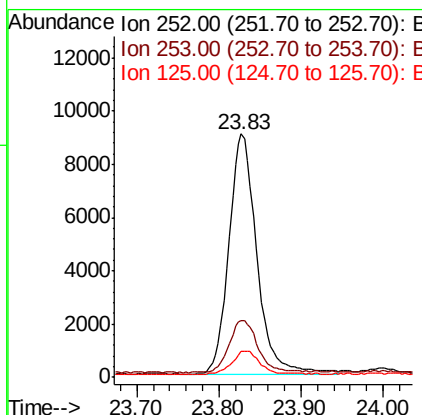
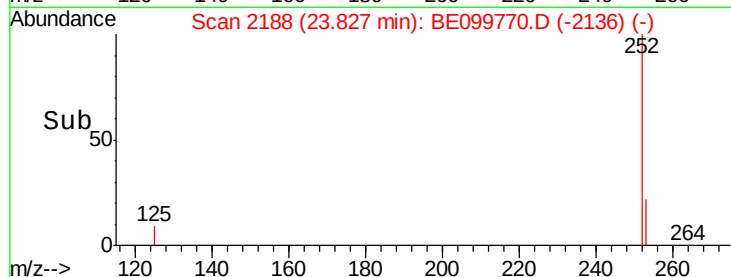
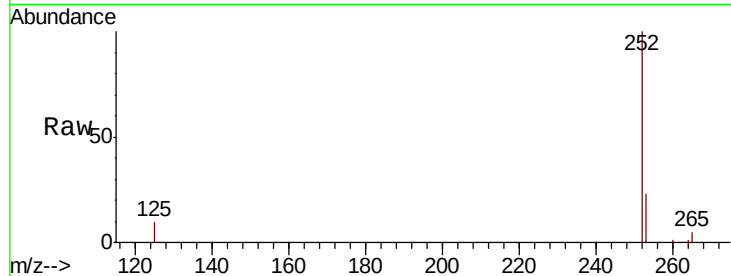
#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.83 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	10.5	5.4	8.0

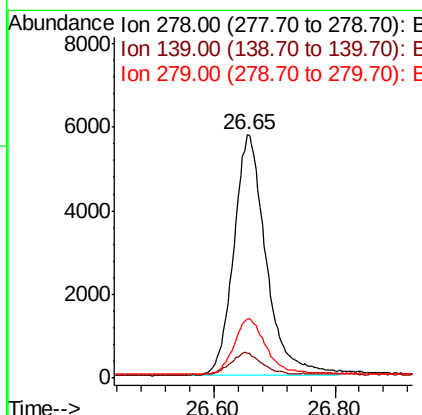
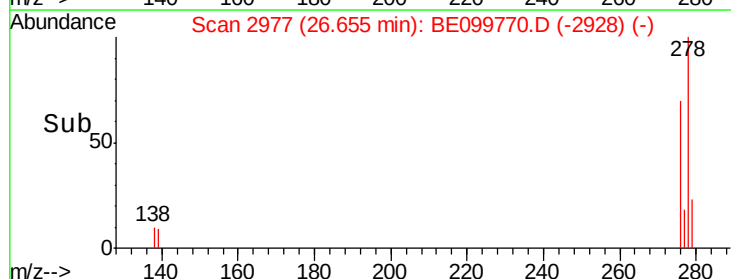
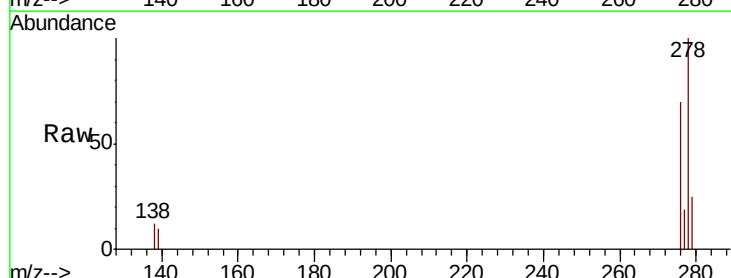
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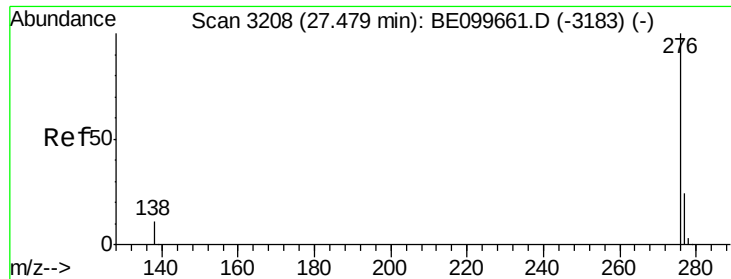
mohammad
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#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 26.65 min Scan# 2977
Delta R.T. -0.03 min
Lab File: BE099770.D
Acq: 28 May 2019 23:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.2	6.9	10.3
279	24.5	19.2	28.8





#39

Benzo(a,h,i)perylene

Concen: 0.355 ng

RT: 27.46 min Scan# 3202

Delta R.T. -0.02 min

Lab File: BE099770.D

Acq: 28 May 2019 23:09

Instrument :

BNA_E

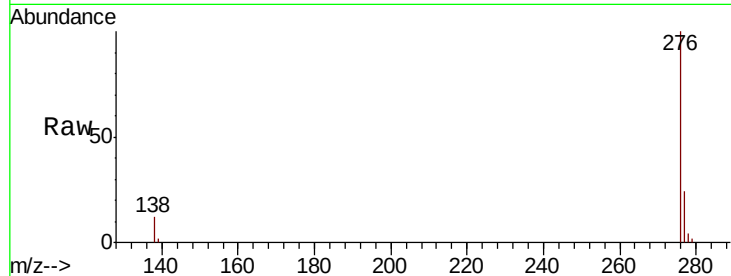
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	276	Resp:	21967
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.8	29.6
138	11.6	9.2	13.8

Manual Integrations
APPROVED

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

