

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099178.D
 Acq On : 25 Mar 2019 11:52
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:14:06 PM

Quant Time: Mar 25 14:20:44 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 25 14:07:14 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4179	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	19493	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	13841	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	36274	0.40	ng	0.00
27) Chrysene-d12	21.39	240	39682	0.40	ng	0.00
34) Perylene-d12	23.89	264	41026	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	4541	0.36	ng	0.00
5) Phenol-d6	6.99	99	6831	0.38	ng	0.00
8) Nitrobenzene-d5	8.99	82	5173	0.61	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	13383	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1283	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	20362	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	151391	0.31	ng	0.00
29) Terphenyl-d14	19.83	244	31135	0.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	1938	0.299	ng	98
3) n-Nitrosodimethylamine	3.67	42	943	0.282	ng	99
6) bis(2-Chloroethyl)ether	7.26	93	5282	0.363	ng	99
9) Naphthalene	10.68	128	81296	0.354	ng	100
10) Hexachlorobutadiene	10.95	225	4226	0.376	ng	100
12) 2-Methylnaphthalene	12.30	142	14547	0.370	ng	100
16) Acenaphthylene	14.20	152	23953	0.324	ng	100
17) Acenaphthene	14.54	154	14739	0.336	ng	100
18) Fluorene	15.51	166	20487	0.321	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	7870	0.392	ng	100
21) Hexachlorobenzene	16.52	284	7619	0.409	ng	100
22) Pentachlorophenol	16.87	266	506m	0.317	ng	
23) Phenanthrene	17.26	178	36489	0.339	ng	100
24) Anthracene	17.34	178	31402	0.308	ng	100
26) Fluoranthene	19.27	202	45134	0.298	ng	100
28) Pyrene	19.63	202	45658	0.339	ng	100
30) Benzo(a)anthracene	21.37	228	43779	0.313	ng	100
31) Chrysene	21.41	228	48326	0.346	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	43999	0.243	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	42159	0.281	ng	100
35) Benzo(b)fluoranthene	23.12	252	44324	0.312	ng	100
36) Benzo(k)fluoranthene	23.17	252	48526	0.349	ng	100
37) Benzo(a)pyrene	23.78	252	41511	0.316	ng	100
38) Dibenzo(a,h)anthracene	26.59	278	34667	0.272	ng	100
39) Benzo(g,h,i)perylene	27.38	276	35648	0.272	ng	100

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

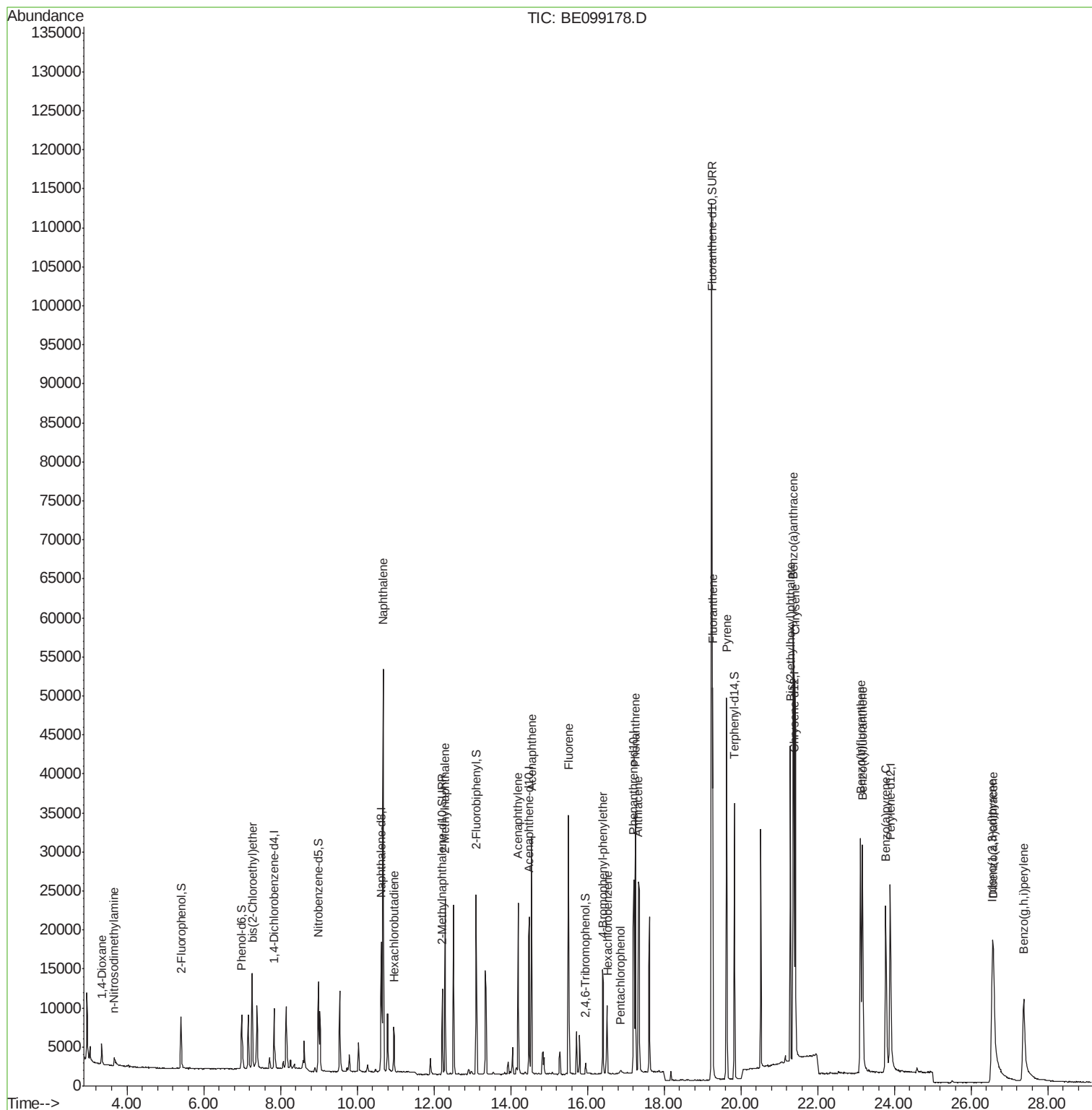
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099178.D
Acq On : 25 Mar 2019 11:52
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Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

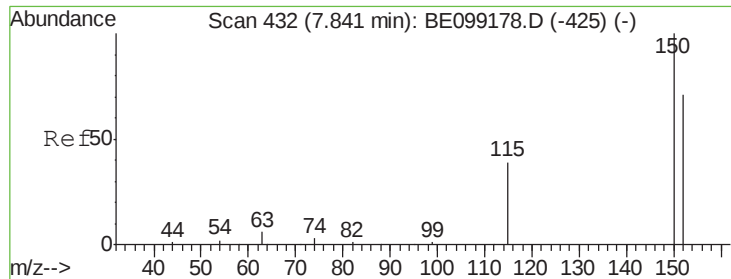
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

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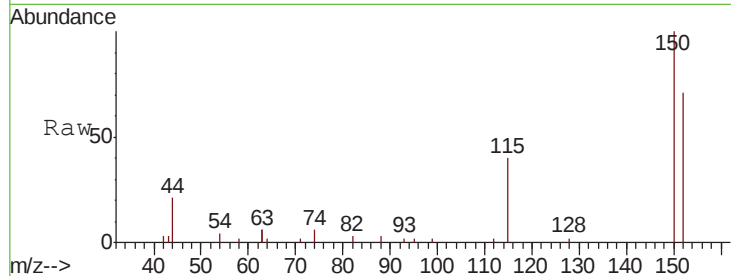
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.84 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BE099178.D
 Acq: 25 Mar 2019 11:52

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.0	112.8	169.2
115	56.4	45.1	67.7

Manual Integrations
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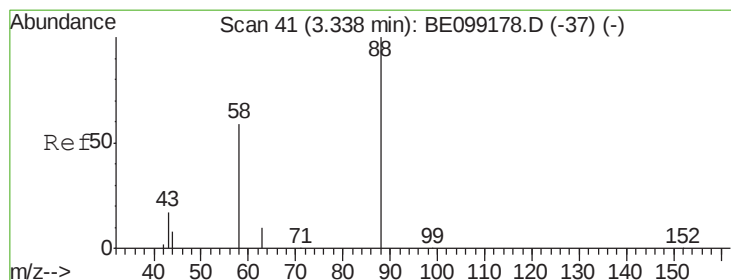
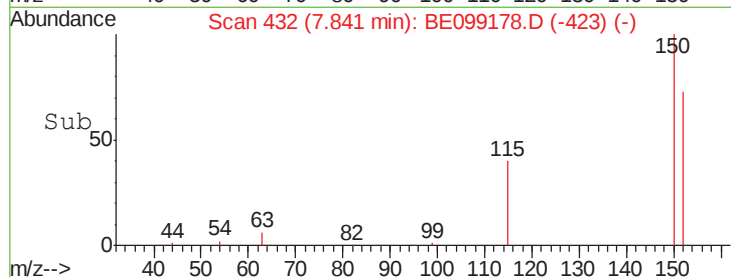
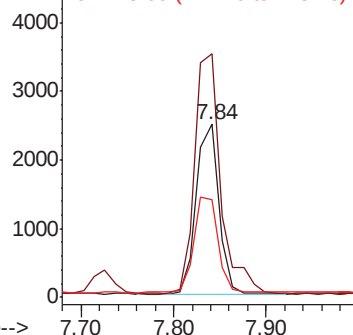


Abundance

Ion 152.00 (151.70 to 152.70): E

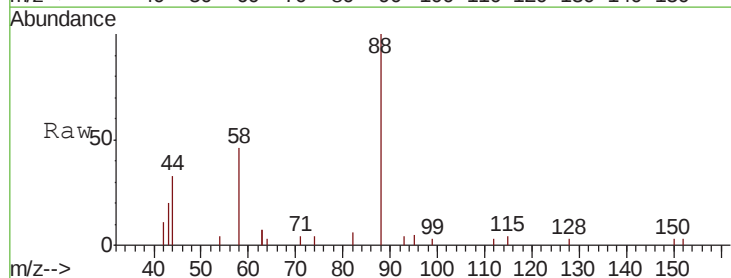
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 0.299 ng
 RT: 3.34 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: BE099178.D
 Acq: 25 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	47.4	71.0
43	20.4	15.6	23.4

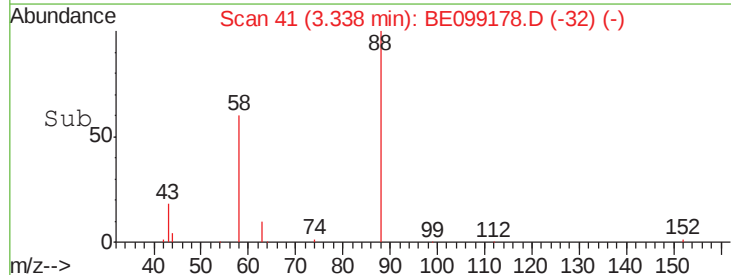
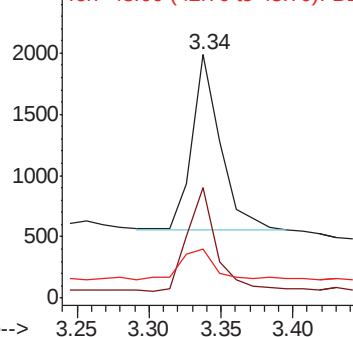


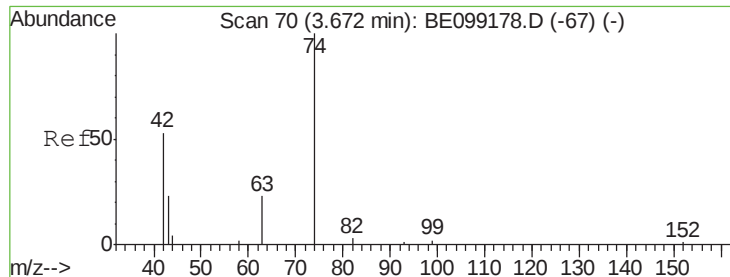
Abundance

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

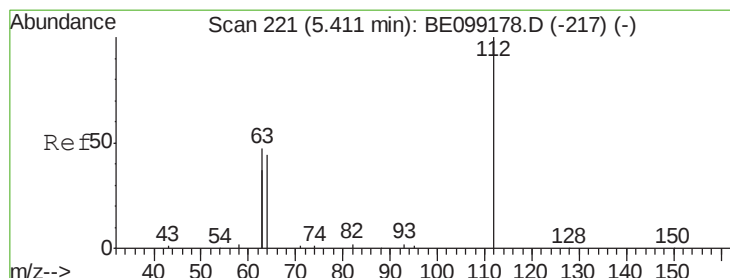
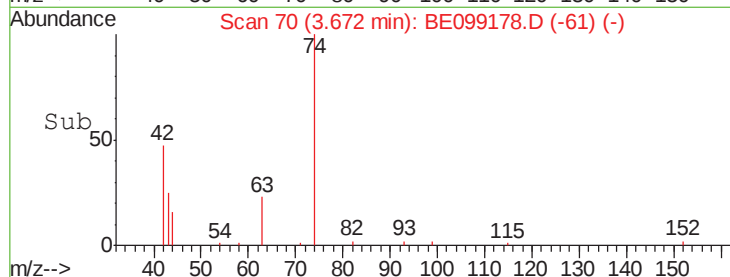
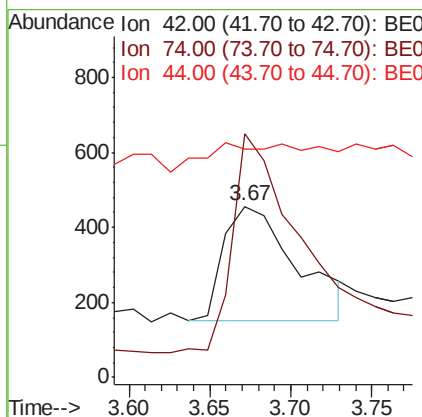
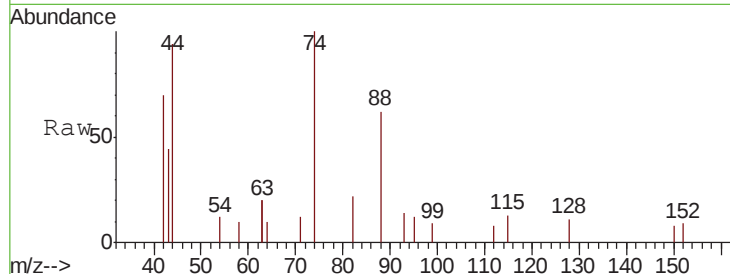
n-Nitrosodimethylamine
Concen: 0.282 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE099178.D
Acq: 25 Mar 2019 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion: 42 Resp: 943
Ion Ratio Lower Upper
42 100
74 172.4 138.6 207.8
44 19.8 15.0 22.6

Manual Integrations
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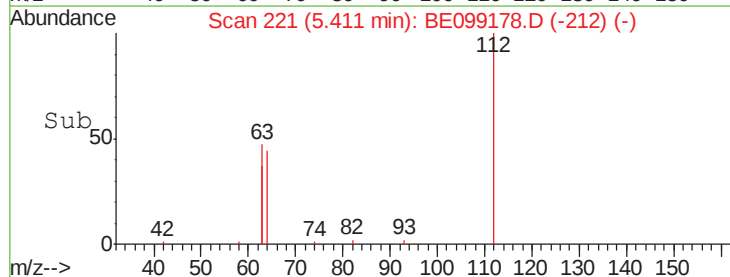
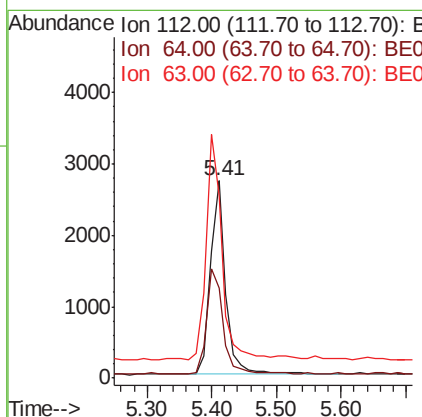
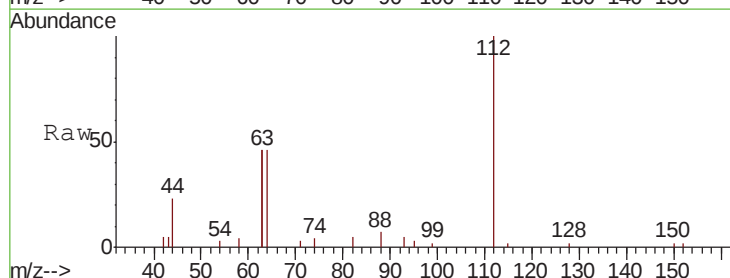
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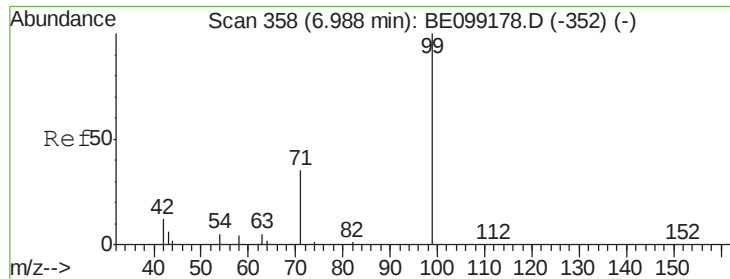


#4

2-Fluorophenol
Concen: 0.365 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099178.D
Acq: 25 Mar 2019 11:52

Tgt Ion: 112 Resp: 4541
Ion Ratio Lower Upper
112 100
64 57.7 46.2 69.2
63 112.4 89.9 134.9





#5

Phenol-d6

Concen: 0.381 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

ClientSampled :

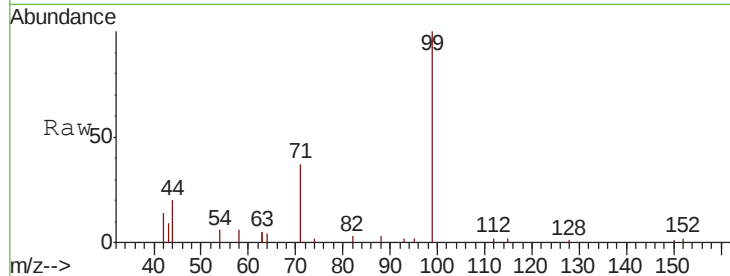
SSTDICCC0.4

Tot Ion: 99 Resp: 6831

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.4	18.6
71	35.5	28.4	42.6

Manual Integrations
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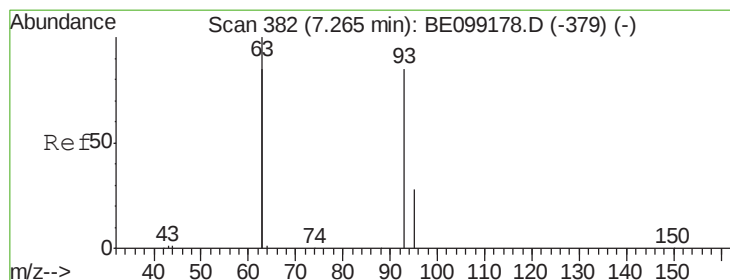
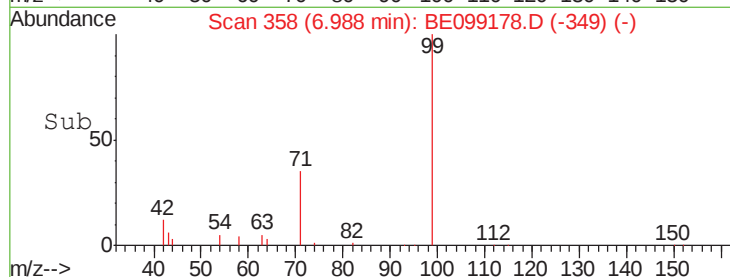
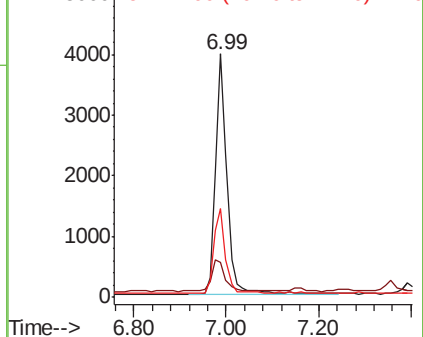
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Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.363 ng

RT: 7.26 min Scan# 382

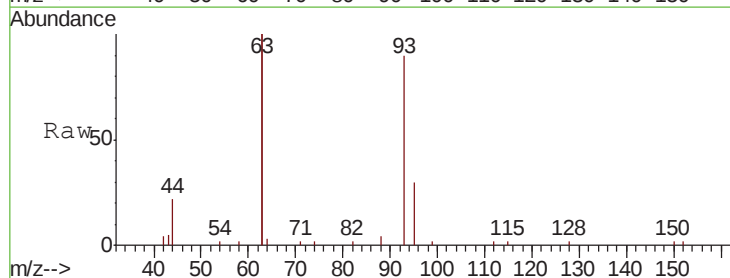
Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Tgt Ion: 93 Resp: 5282

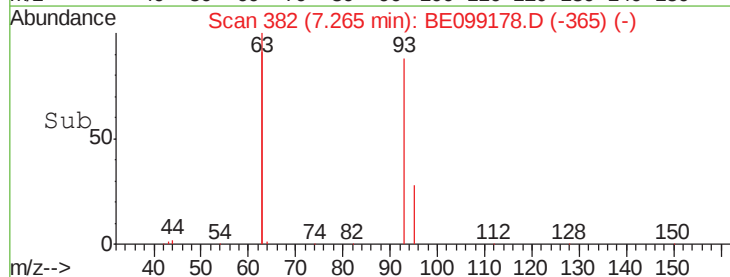
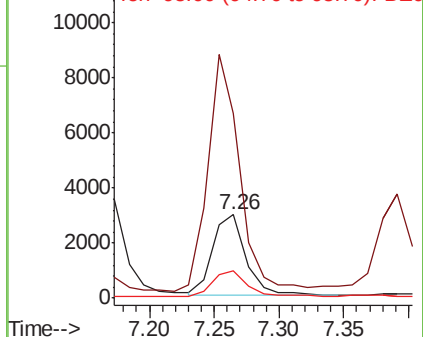
Ion	Ratio	Lower	Upper
93	100		
63	275.6	221.4	332.0
95	32.2	25.8	38.8

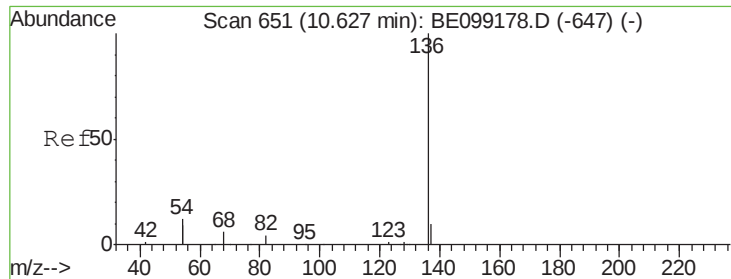


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 19493

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

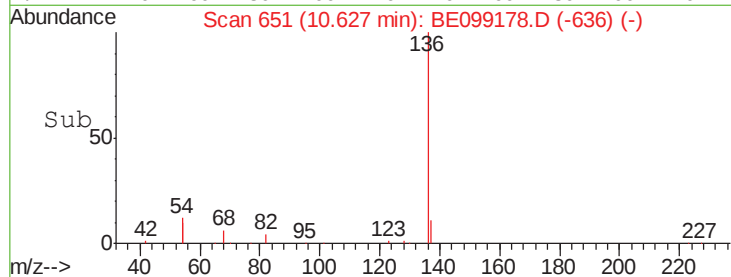
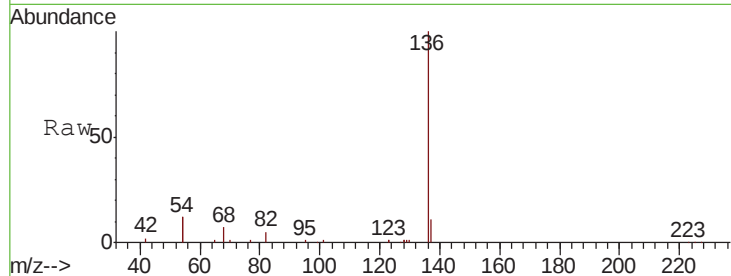
54 23.4 18.7 28.1

68 6.5 5.2 7.8

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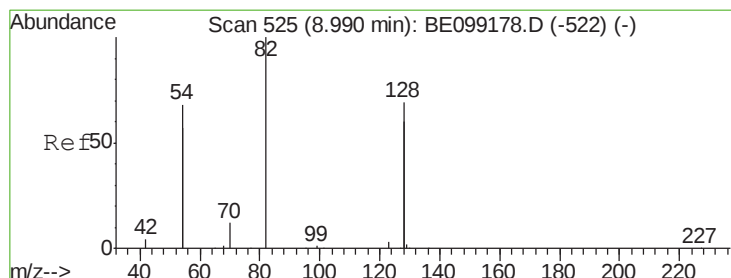
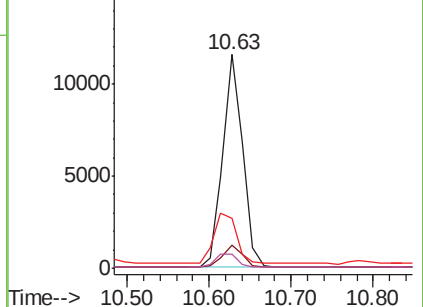


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.607 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

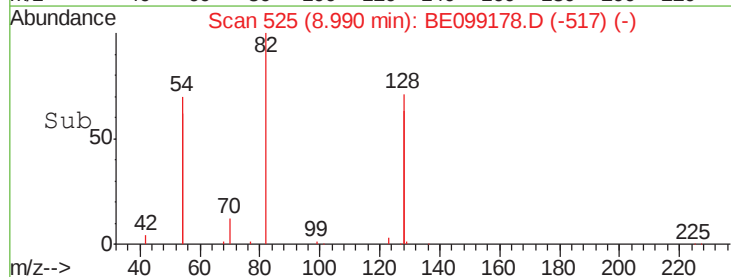
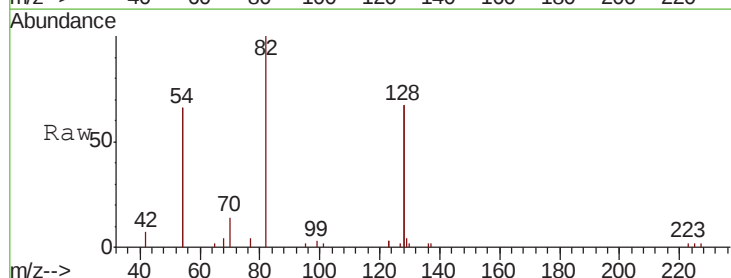
Tgt Ion: 82 Resp: 5173

Ion Ratio Lower Upper

82 100

128 134.4 107.5 161.3

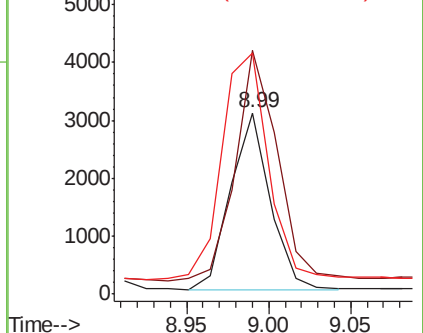
54 132.9 106.3 159.5

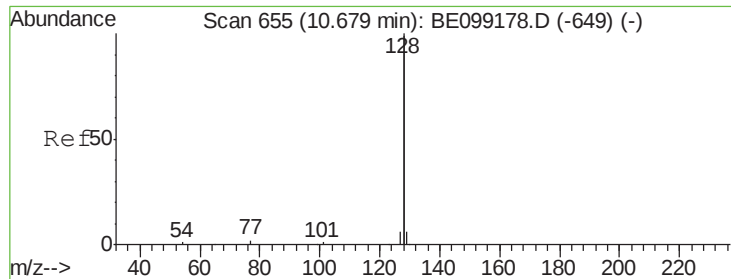


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.354 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

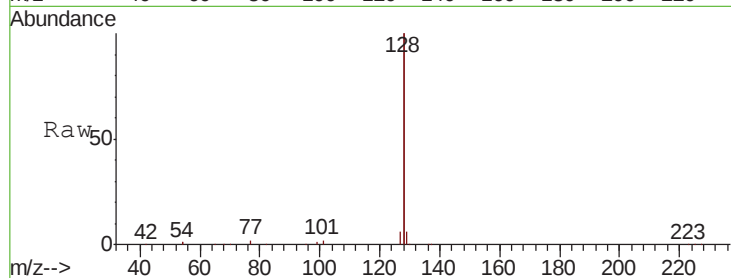
ClientSampleId :

SSTDICCC0.4

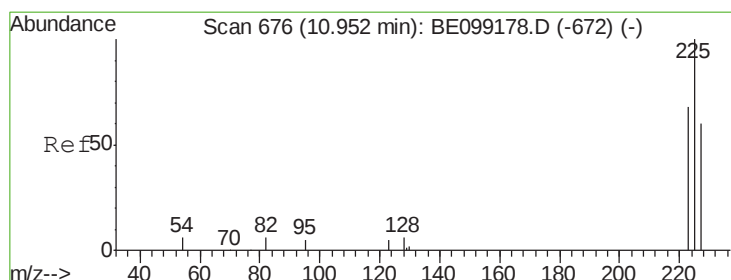
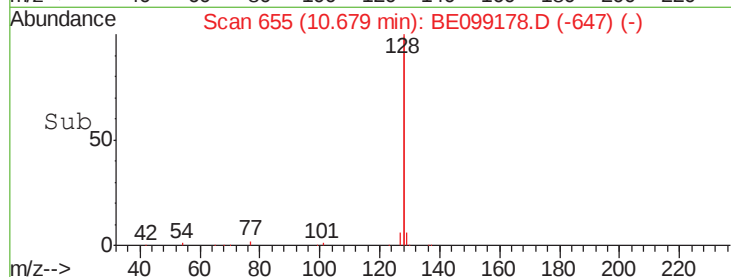
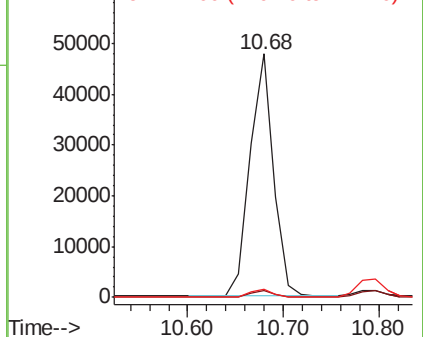
Tot	Ion:128	Resp:	81296
Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.2	2.6	3.8

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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: 0.376 ng

RT: 10.95 min Scan# 676

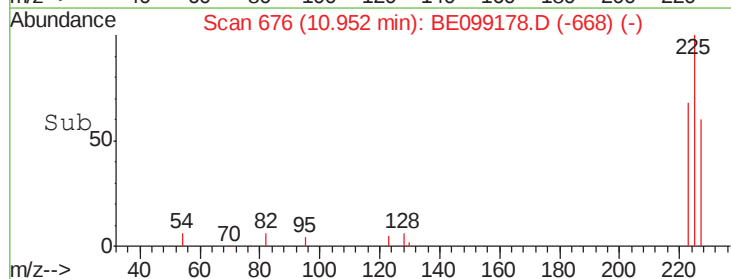
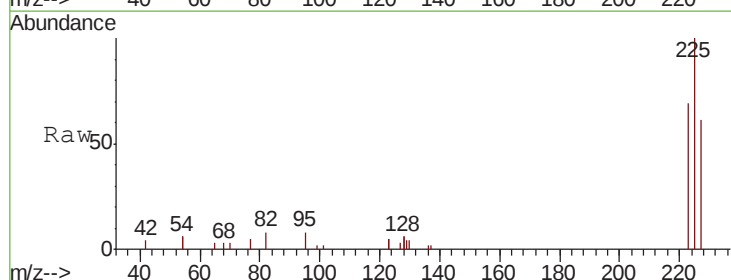
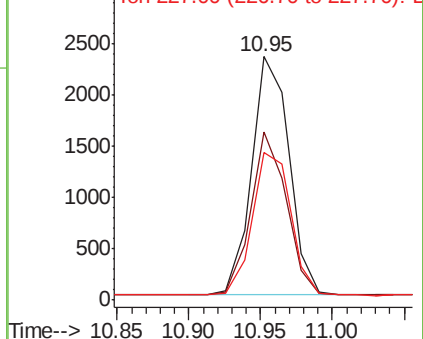
Delta R.T. 0.00 min

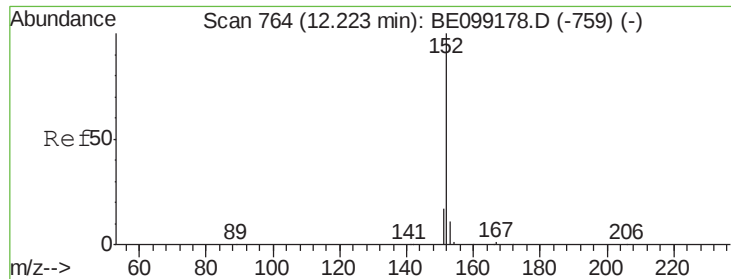
Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Tgt	Ion:225	Resp:	4226
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.3	76.9
227	60.8	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





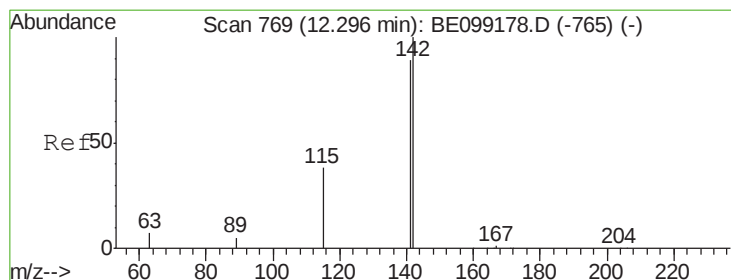
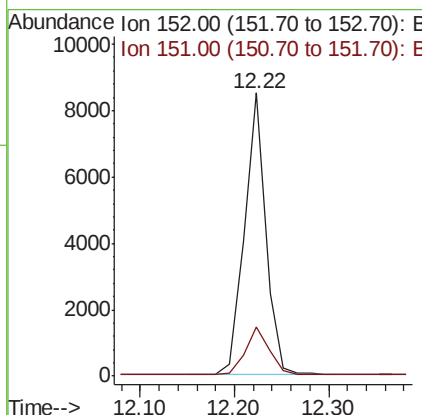
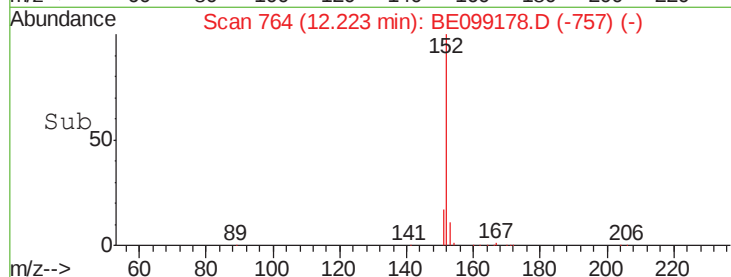
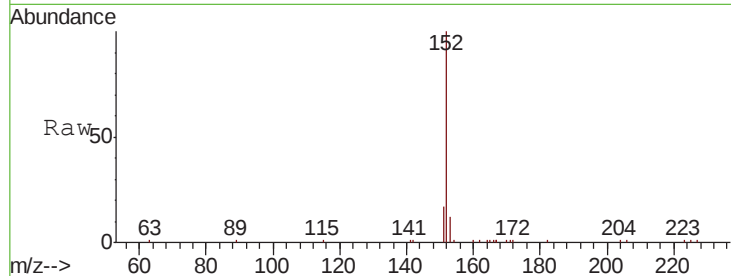
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099178.D
Acq: 25 Mar 2019 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.6

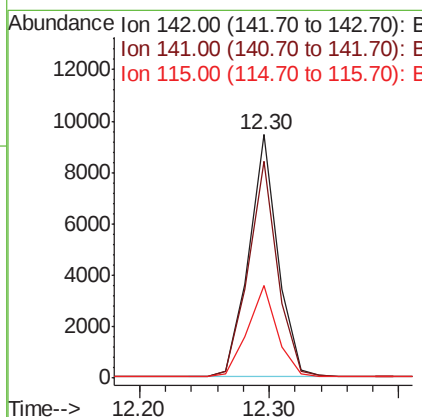
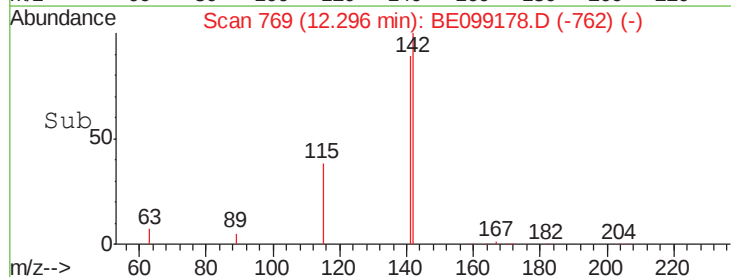
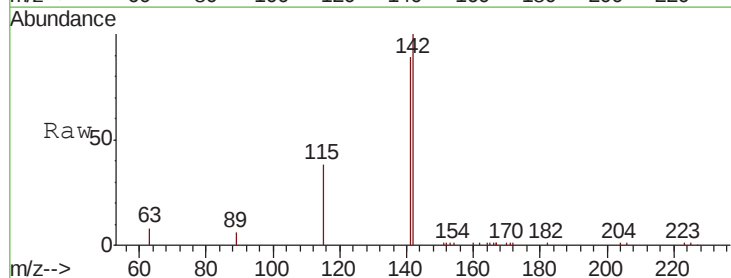
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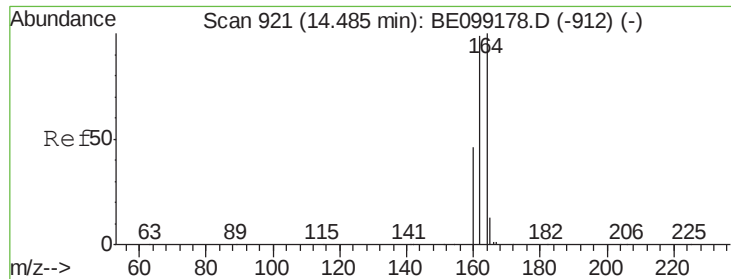
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#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099178.D
Acq: 25 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	38.0	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: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

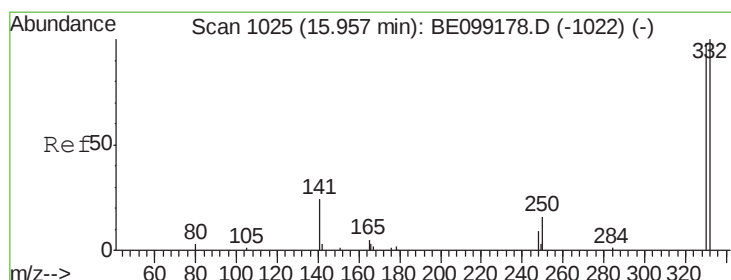
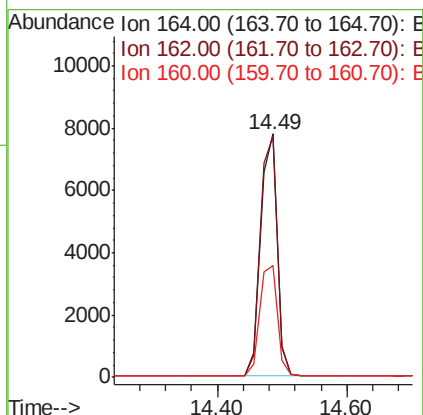
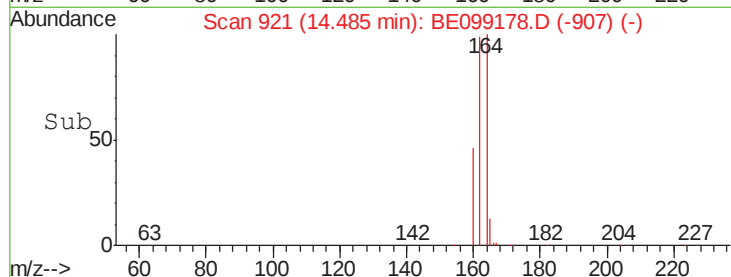
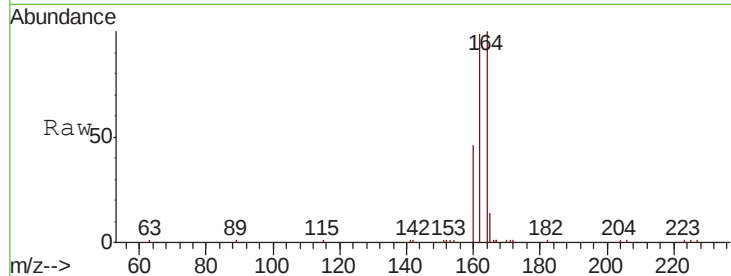
ClientSampled :

SSTDICCC0.4

Tot	Ion:164	Resp:	13841
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.2	118.8
160	45.9	36.7	55.1

Manual Integrations
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#14

2,4,6-Tribromophenol

Concen: 0.315 ng

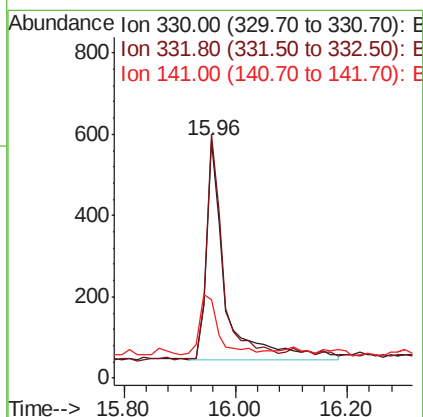
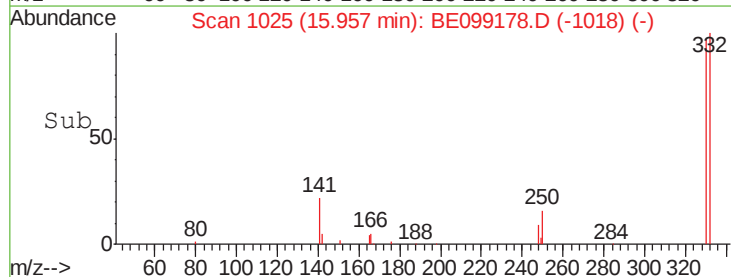
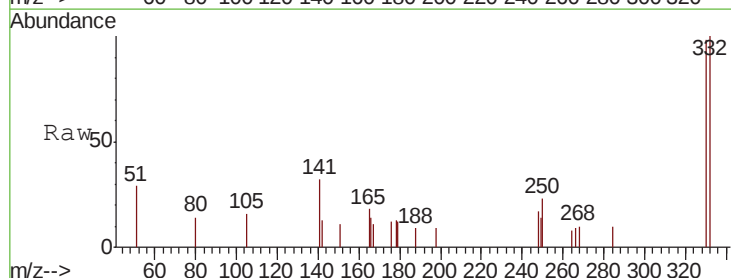
RT: 15.96 min Scan# 1025

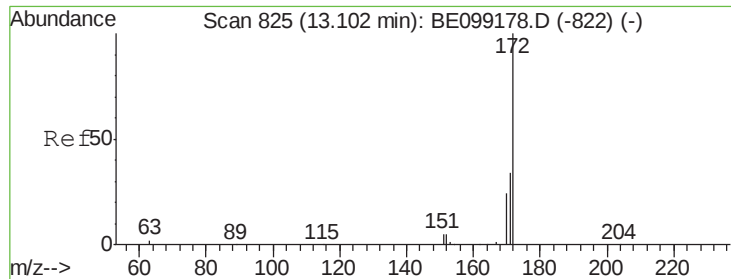
Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Tgt	Ion:330	Resp:	1283
Ion	Ratio	Lower	Upper
330	100		
332	89.1	71.3	106.9
141	27.1	21.7	32.5





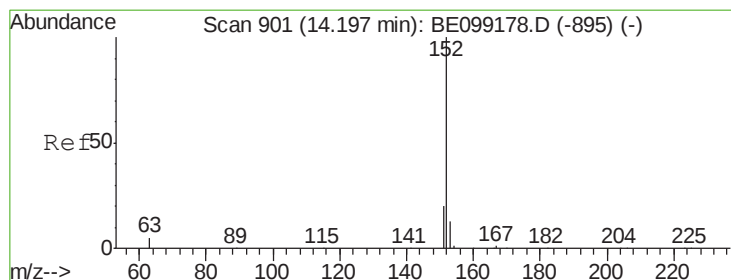
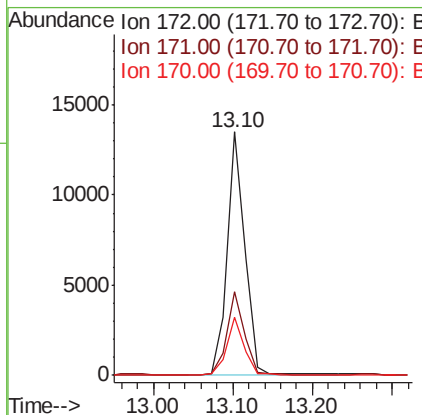
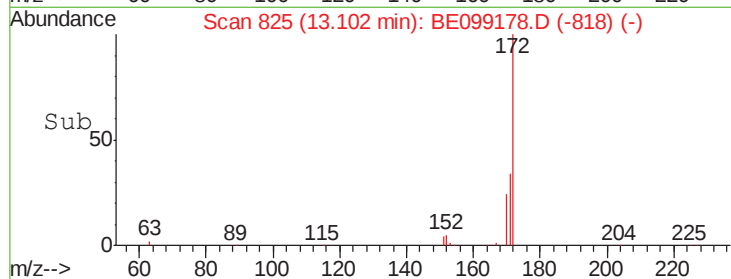
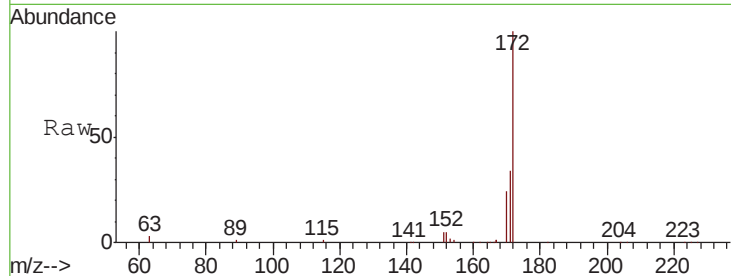
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099178.D
Acq: 25 Mar 2019 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 20362
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.0
170 23.9 19.1 28.7

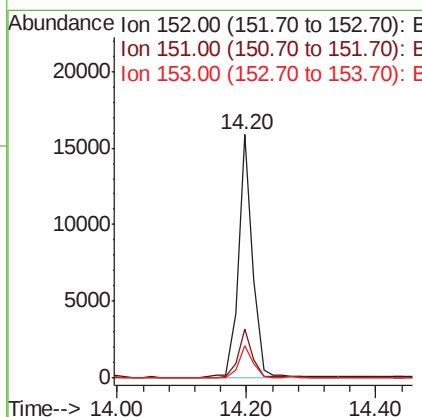
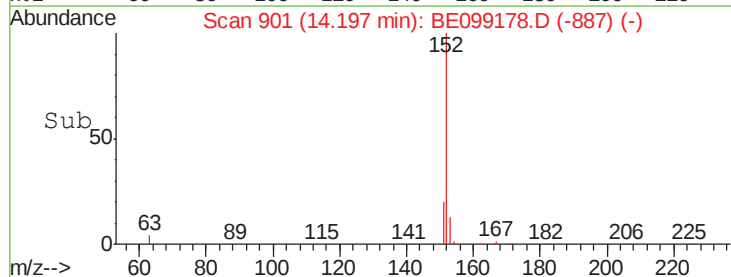
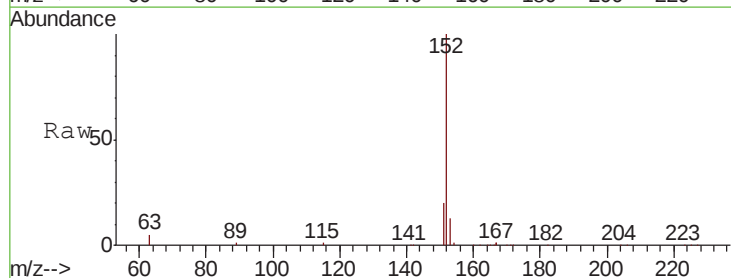
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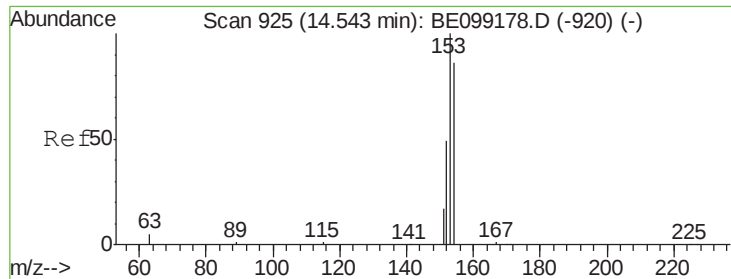
Sohil
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#16
Acenaphthylene
Concen: 0.324 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099178.D
Acq: 25 Mar 2019 11:52

Tgt Ion:152 Resp: 23953
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.336 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:154 Resp: 14739

Ion Ratio Lower Upper

154 100

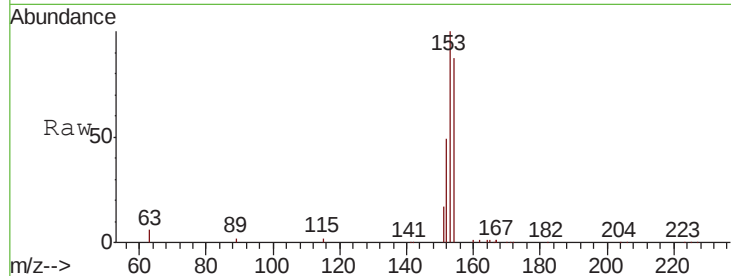
153 116.7 93.4 140.0

152 58.2 46.6 69.8

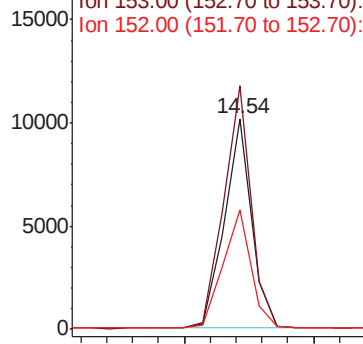
Manual Integrations
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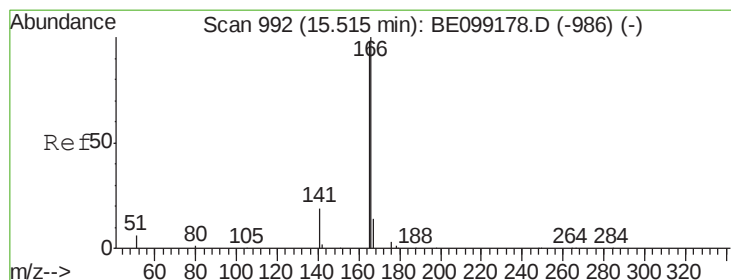
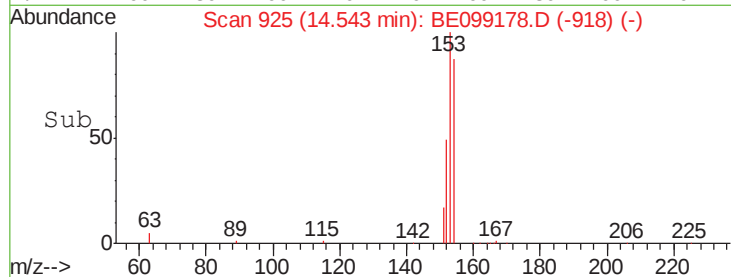
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.321 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

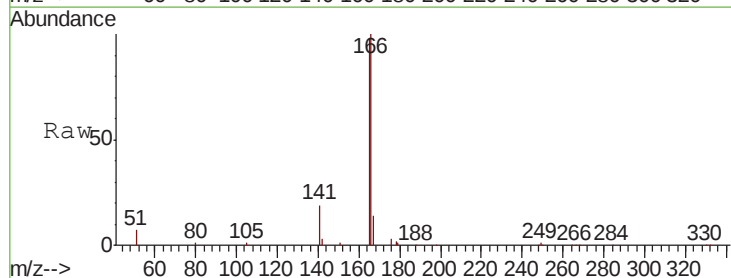
Tgt Ion:166 Resp: 20487

Ion Ratio Lower Upper

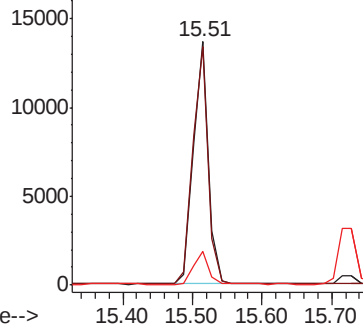
166 100

165 98.6 78.9 118.3

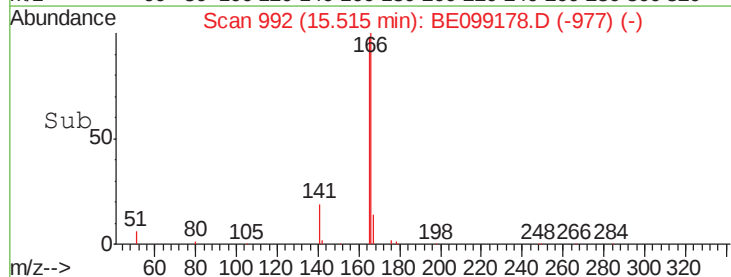
167 13.6 10.9 16.3

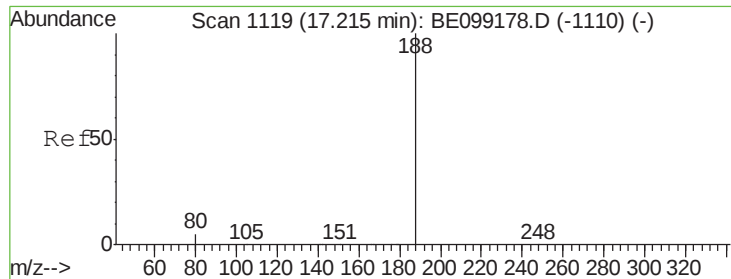


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:188 Resp: 36274

Ion Ratio Lower Upper

188 100

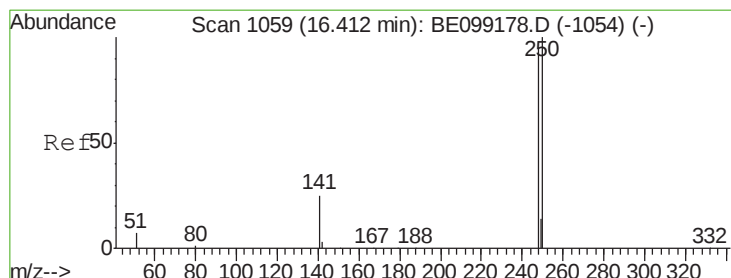
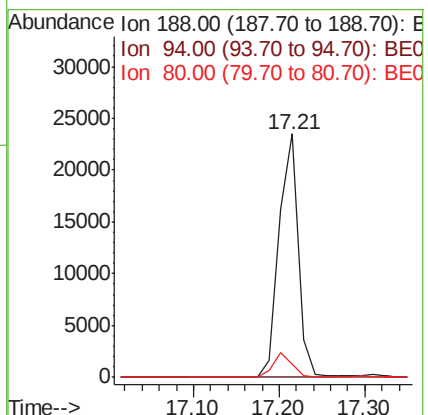
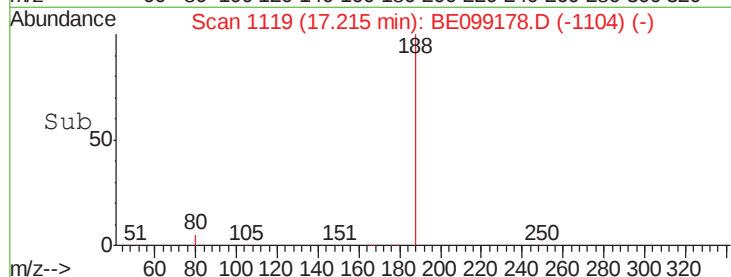
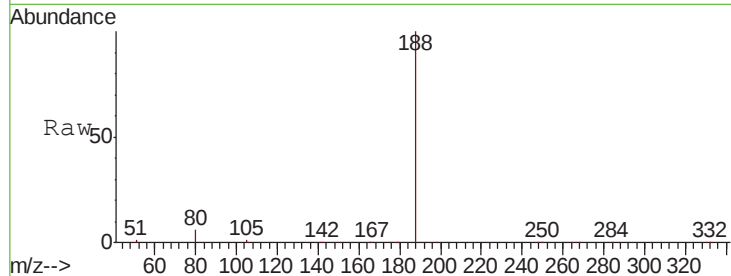
94 0.0 0.0 0.0

80 5.6 4.5 6.7

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#20

4-Bromophenyl-phenylether

Concen: 0.392 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

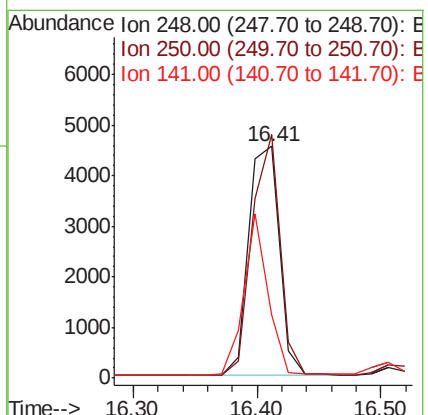
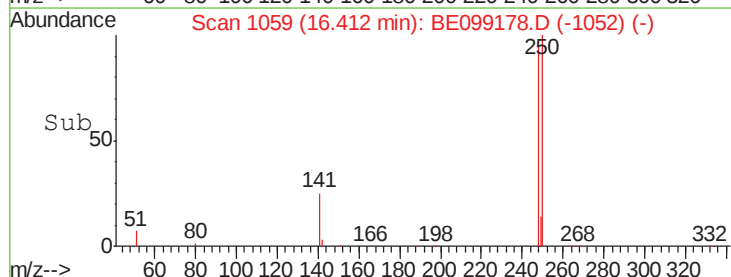
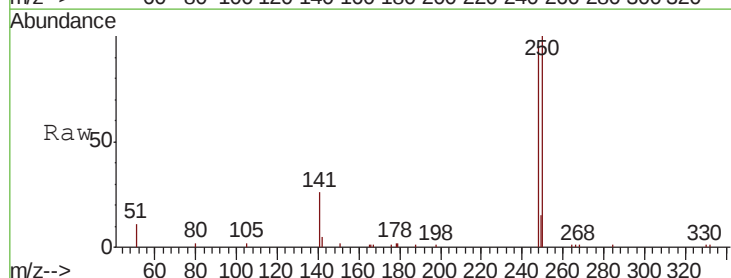
Tgt Ion:248 Resp: 7870

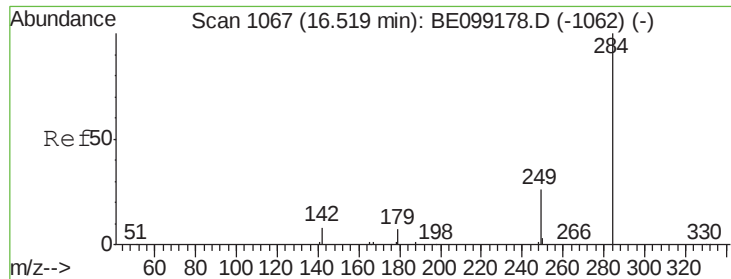
Ion Ratio Lower Upper

248 100

250 105.2 84.2 126.2

141 27.2 21.8 32.6





#21

Hexachlorobenzene

Concen: 0.409 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

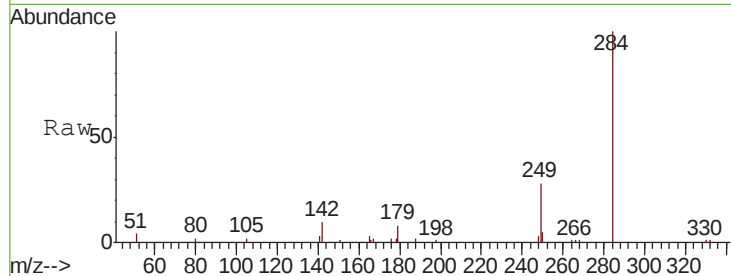
ClientSampleId :

SSTDICCC0.4

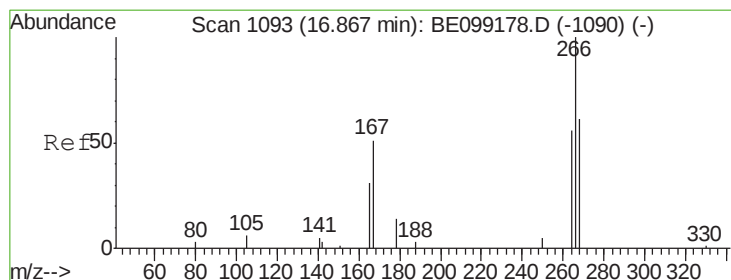
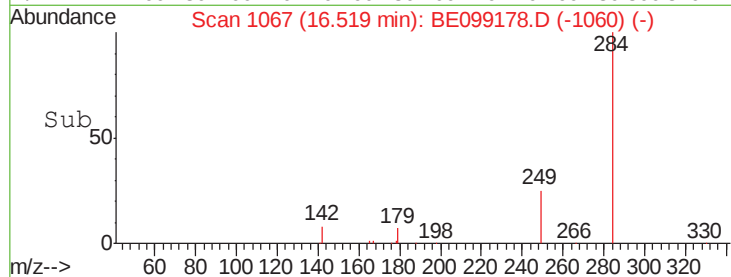
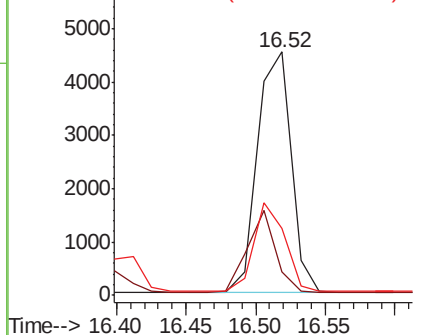
Tot Ion:	284	Resp:	7619
Ion Ratio	Lower	Upper	
284	100		
142	28.4	22.7	34.1
249	33.6	26.9	40.3

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



#22

Pentachlorophenol

Concen: 0.317 ng m

RT: 16.87 min Scan# 1093

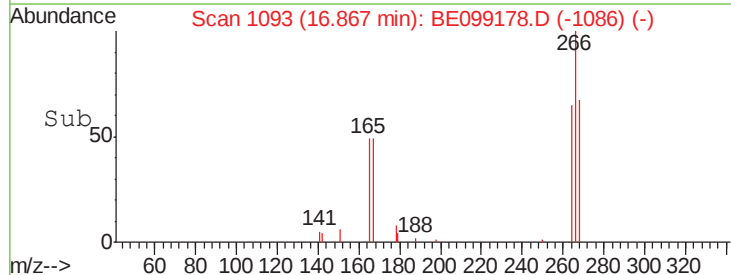
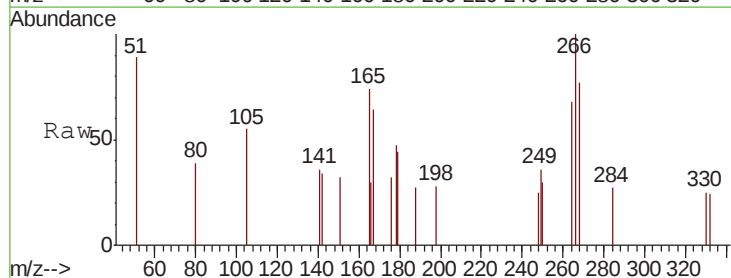
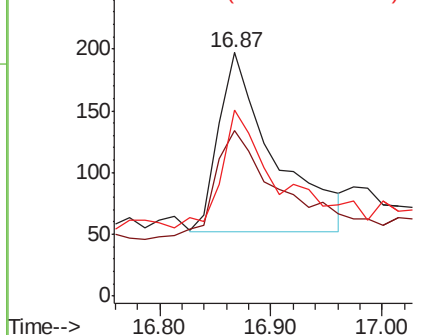
Delta R.T. 0.00 min

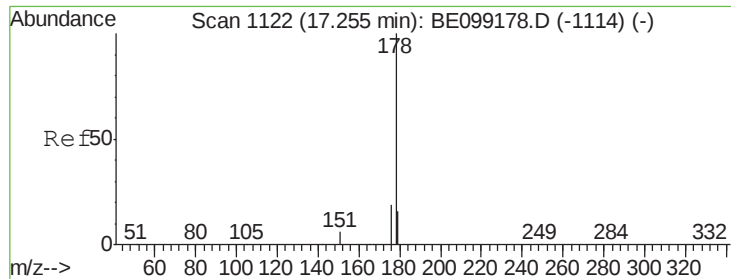
Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Tgt Ion:	266	Resp:	506
Ion Ratio	Lower	Upper	
266	100		
264	68.0	54.4	81.6
268	76.6	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: 0.339 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:178 Resp: 36489

Ion Ratio Lower Upper

178 100

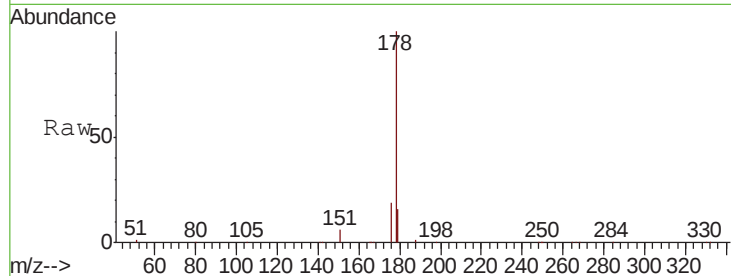
176 19.3 15.4 23.2

179 15.4 12.3 18.5

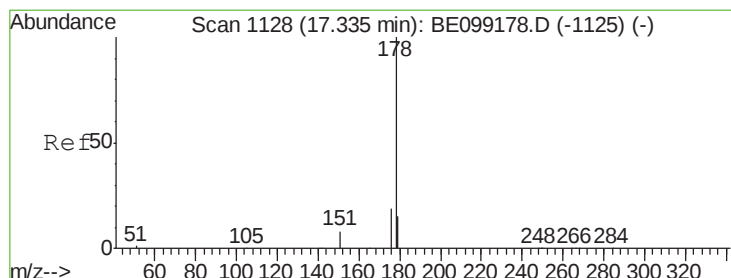
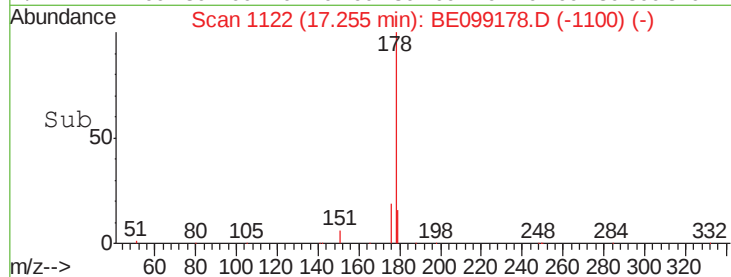
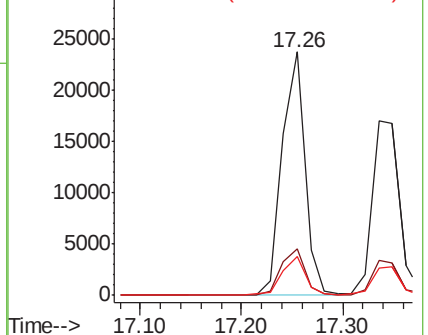
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.308 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Tgt Ion:178 Resp: 31402

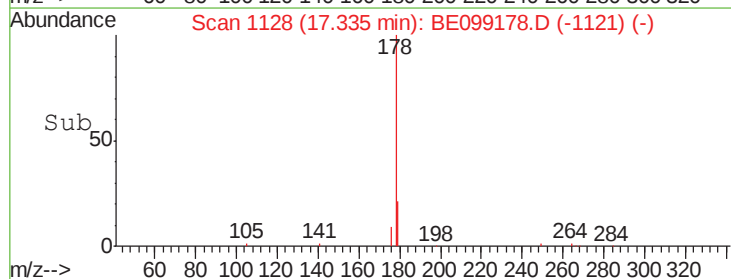
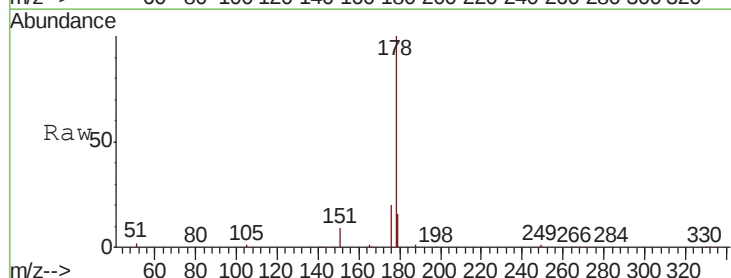
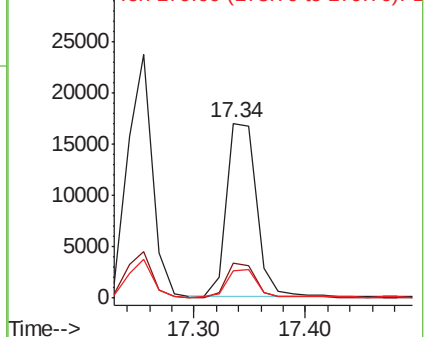
Ion Ratio Lower Upper

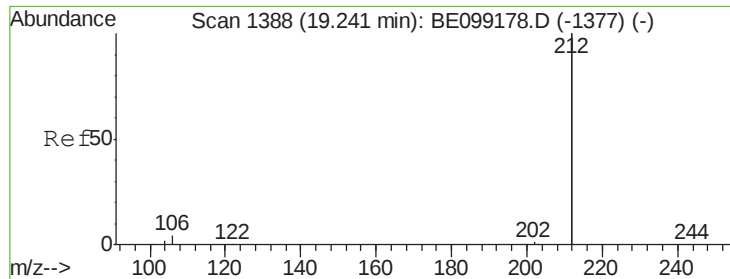
178 100

176 18.9 15.1 22.7

179 15.5 12.4 18.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.313 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

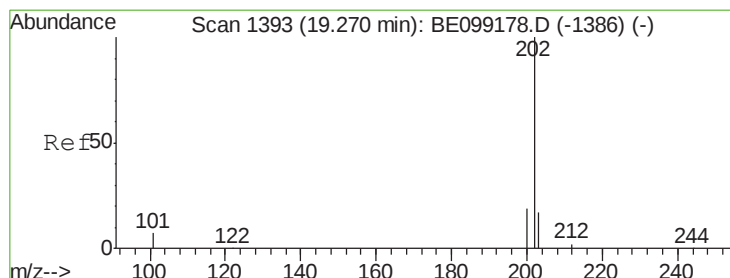
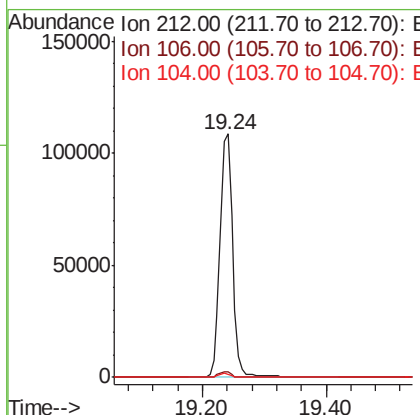
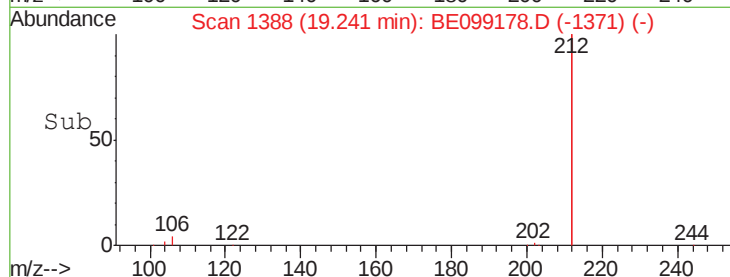
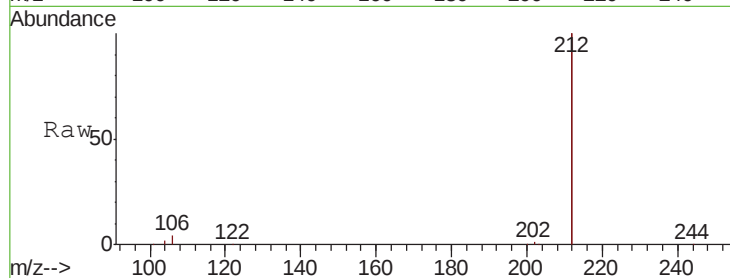
ClientSampleId :

SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.1	1.7

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#26

Fluoranthene

Concen: 0.298 ng

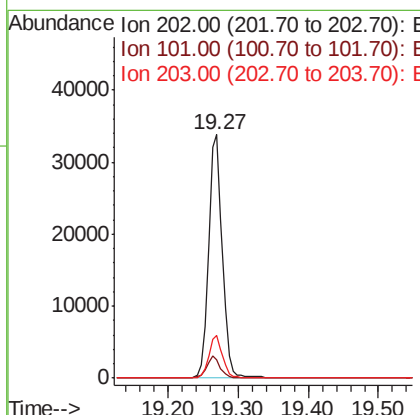
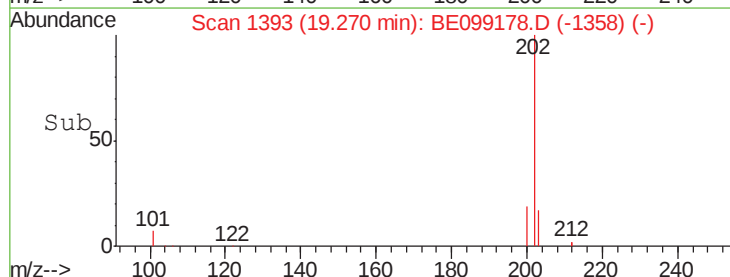
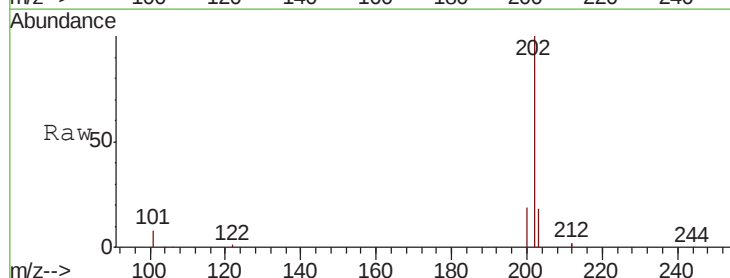
RT: 19.27 min Scan# 1393

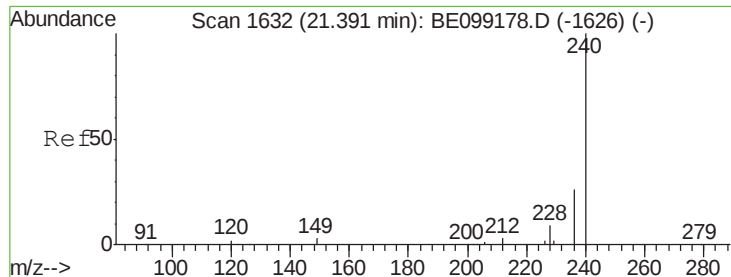
Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
203	17.2	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:240 Resp: 39682

Ion Ratio Lower Upper

240 100

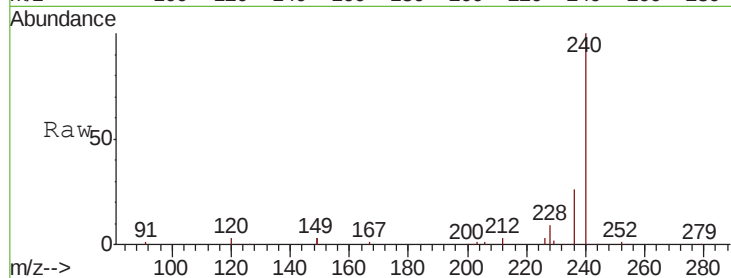
120 3.2 2.6 3.8

236 26.1 20.9 31.3

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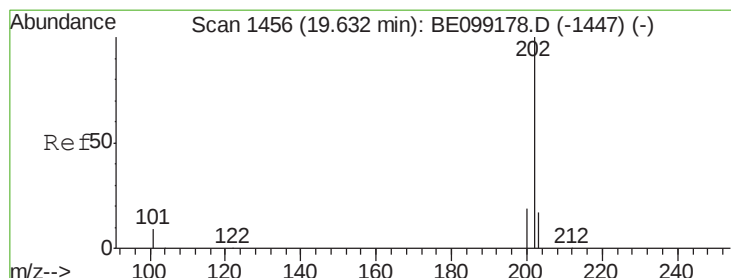
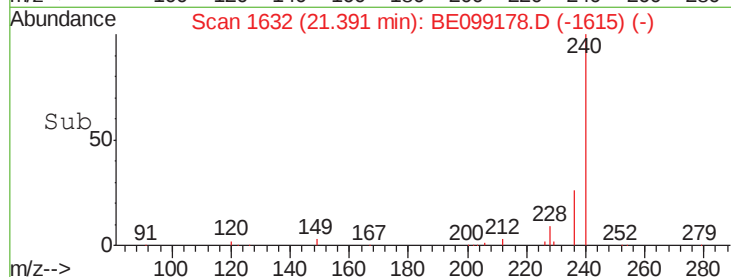
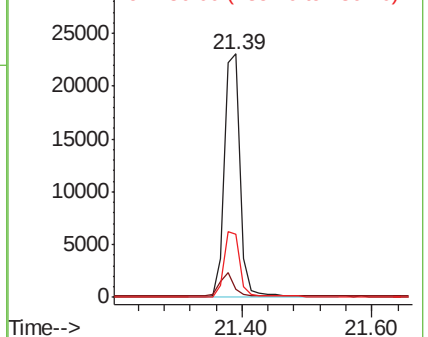


Abundance

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: 0.339 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

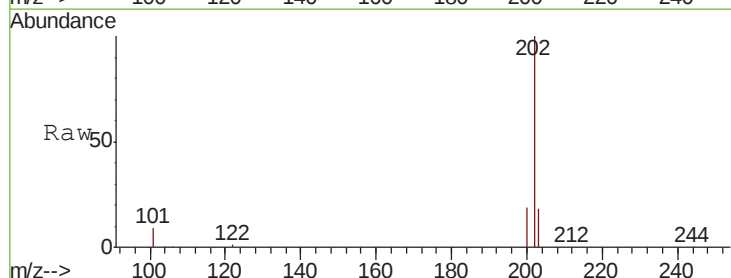
Tgt Ion:202 Resp: 45658

Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

203 17.6 14.1 21.1

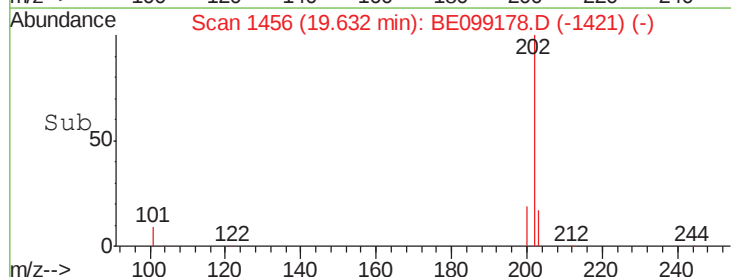
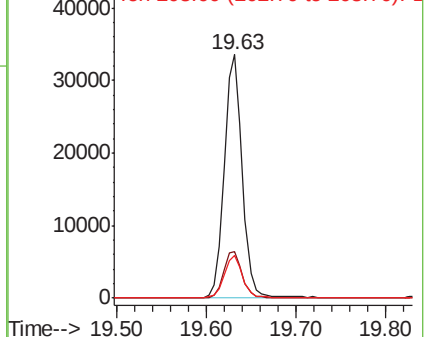


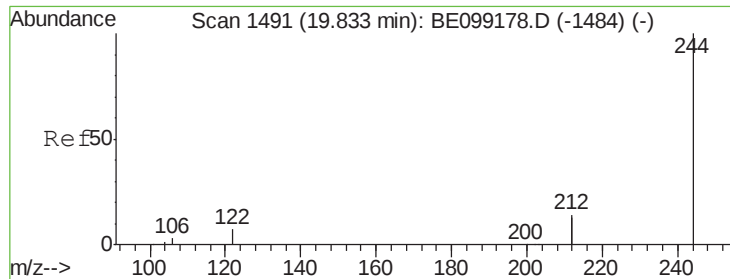
Abundance

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: 0.371 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

ClientSampleId :

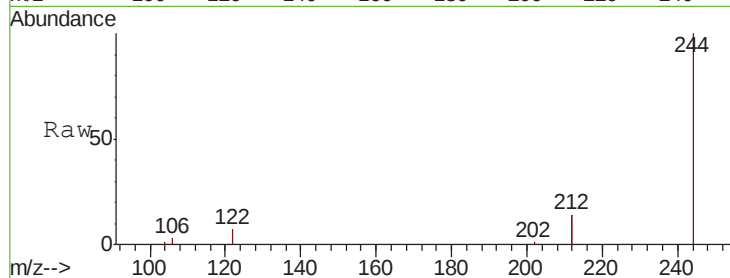
SSTDICCC0.4

Tot Ion:244 Resp: 31135

Ion	Ratio	Lower	Upper
244	100		
212	28.4	22.7	34.1
122	7.2	5.8	8.6

Manual Integrations
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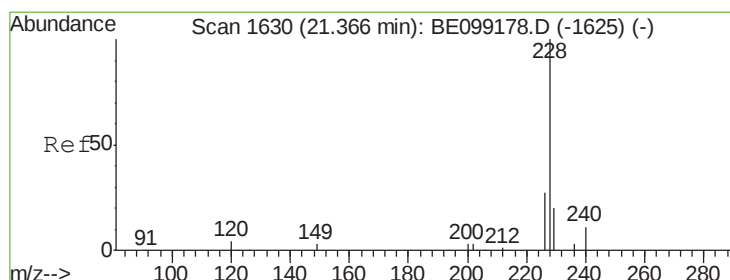
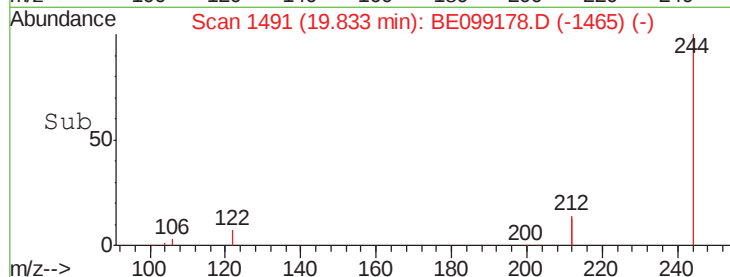
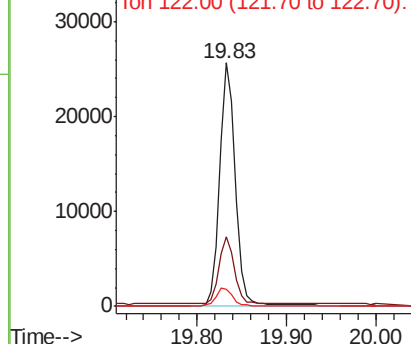
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.313 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

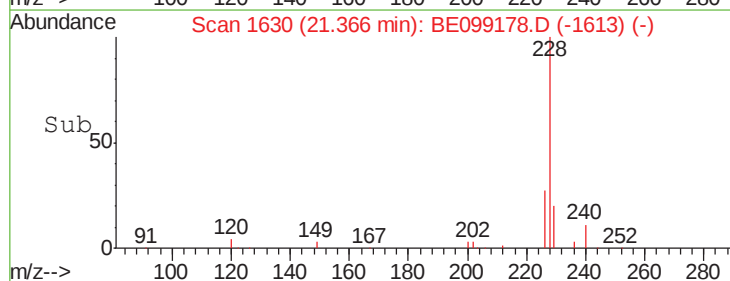
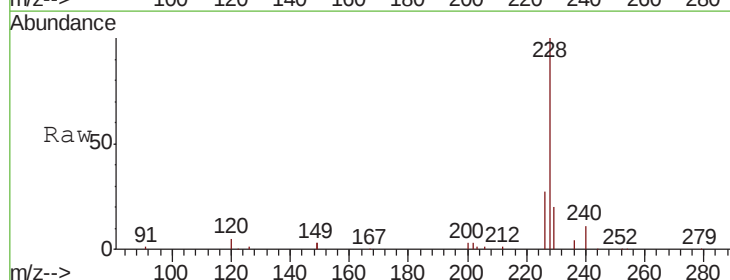
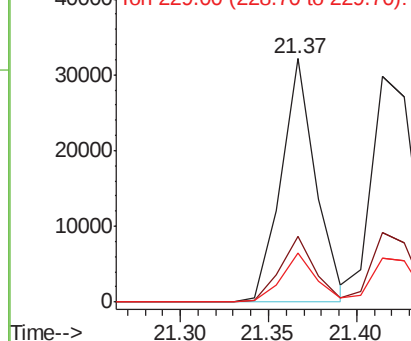
Tgt Ion:228 Resp: 43779

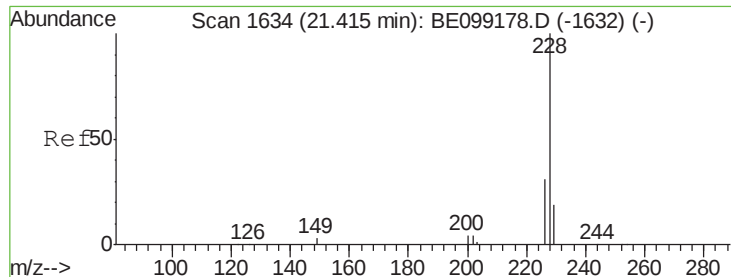
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.9	15.9	23.9

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.346 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 48326

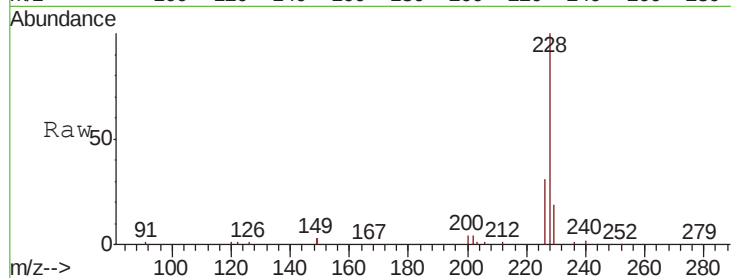
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	19.2	15.4	23.0

Manual Integrations

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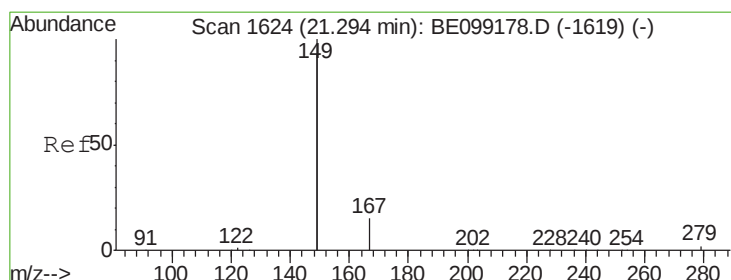
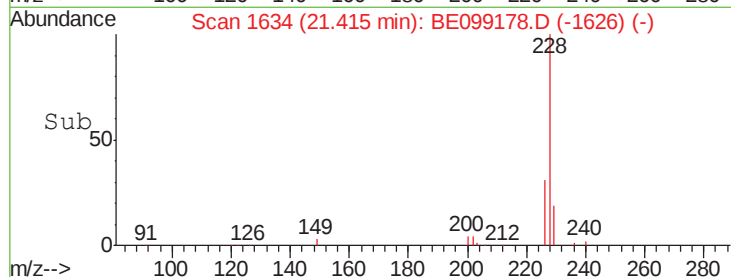
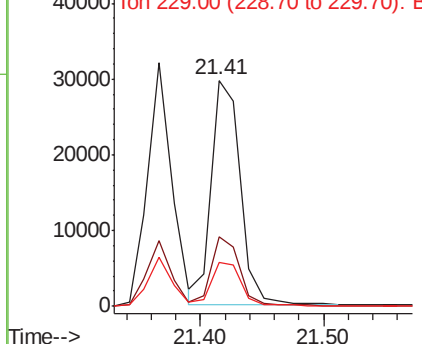


Abundance

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: 0.243 ng

RT: 21.29 min Scan# 1624

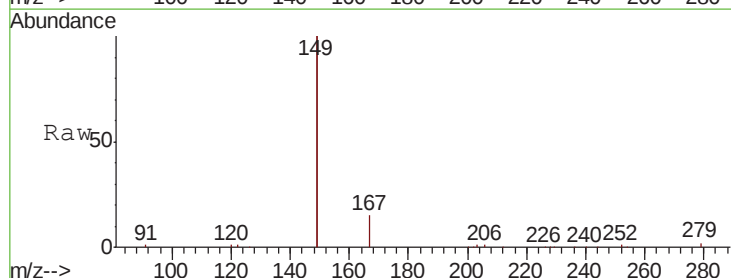
Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Tgt Ion:149 Resp: 43999

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.3	1.0	1.6

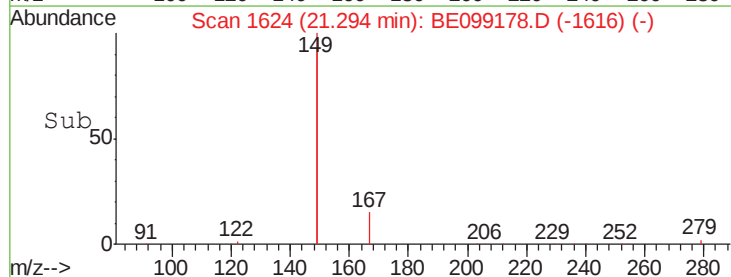
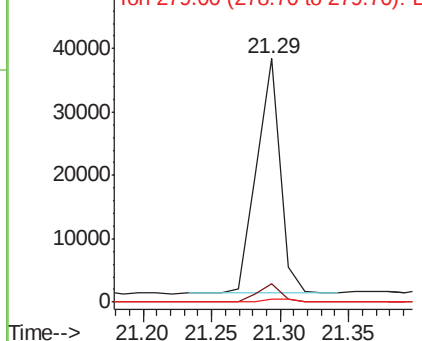


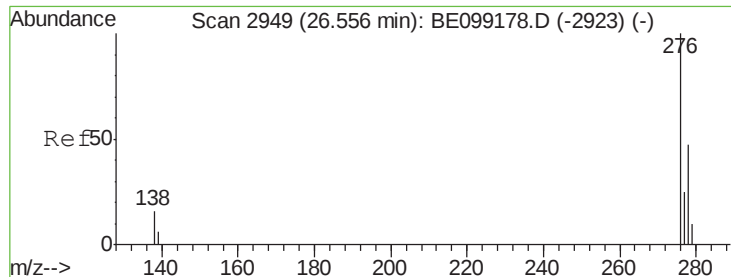
Abundance

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

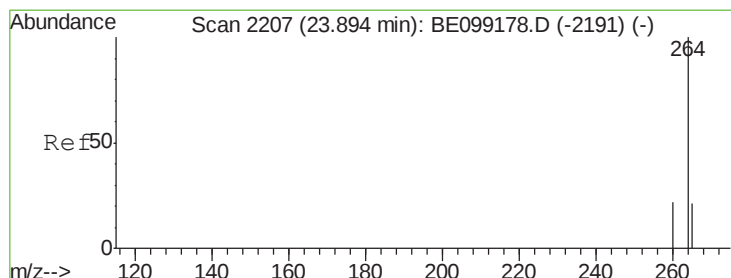
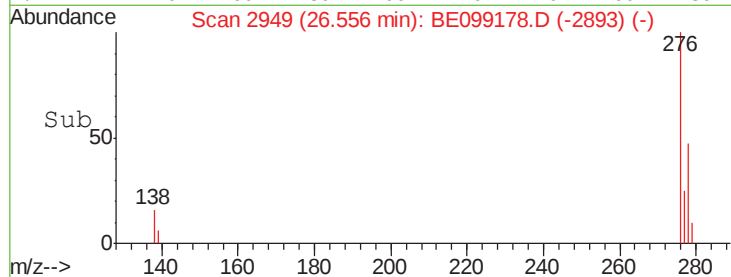
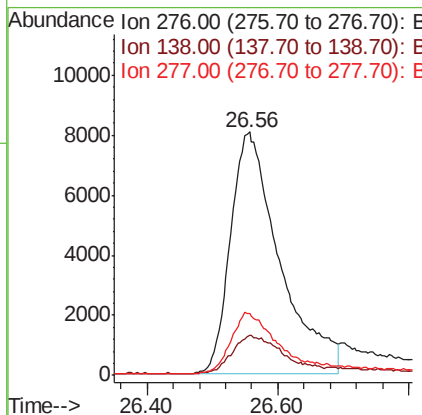
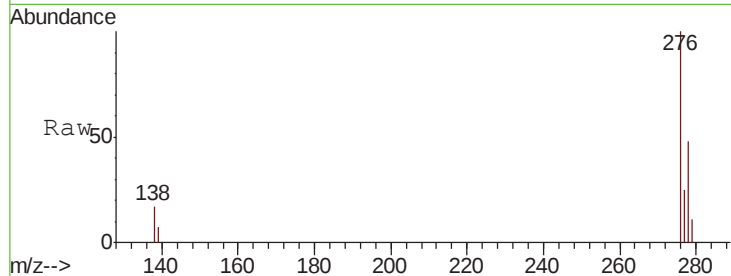
Indeno(1,2,3-cd)pyrene
Concen: 0.281 ng
RT: 26.56 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BE099178.D
Acq: 25 Mar 2019 11:52

Instrument :
BNA_E
ClientSampled :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.9	19.3
277	22.9	18.3	27.5

Manual Integrations
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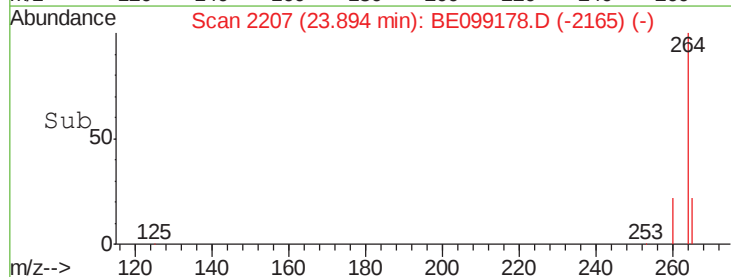
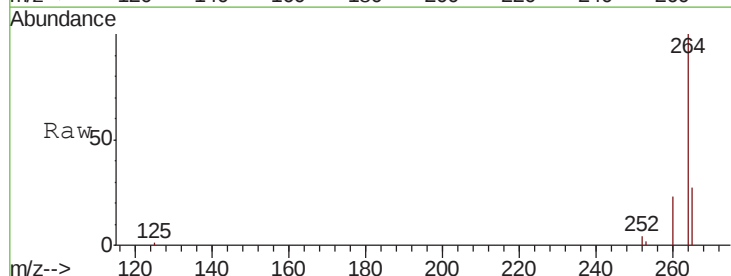
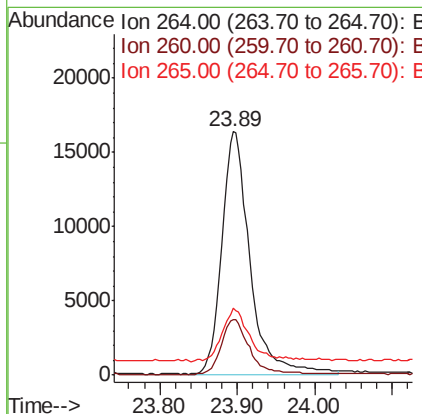
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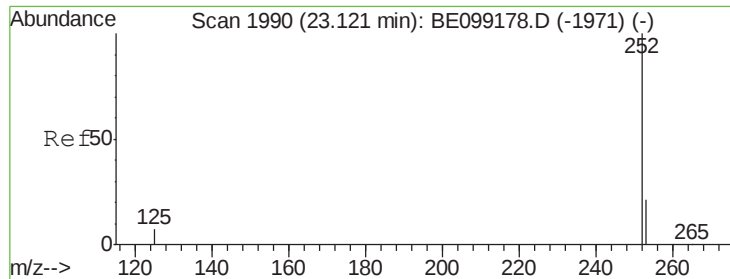


#34

Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE099178.D
Acq: 25 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	27.3	21.8	32.8





#35

Benzo(b)fluoranthene

Concen: 0.312 ng

RT: 23.12 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Instrument :

BNA_E

ClientSampleId :

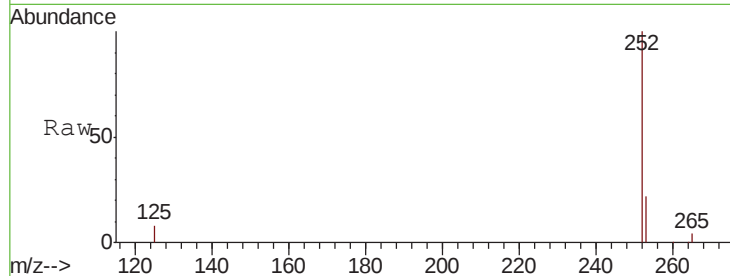
SSTDICCC0.4

Tot Ion:252 Resp: 44324

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	7.6	6.1	9.1

Manual Integrations
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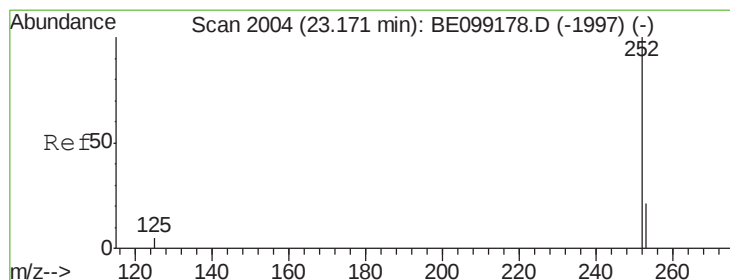
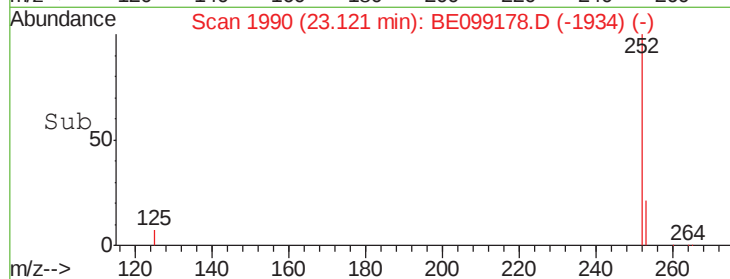
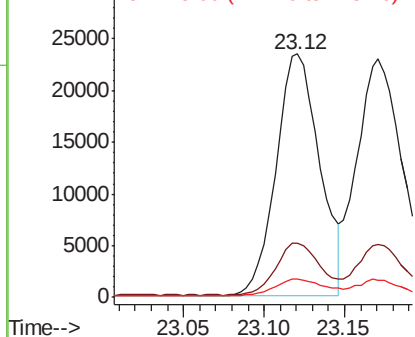


Abundance

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

RT: 23.17 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE099178.D

Acq: 25 Mar 2019 11:52

Tgt Ion:252 Resp: 48526

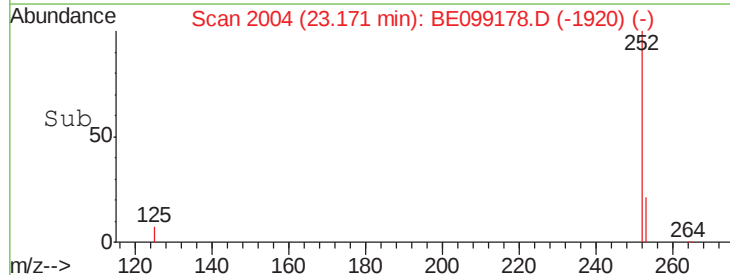
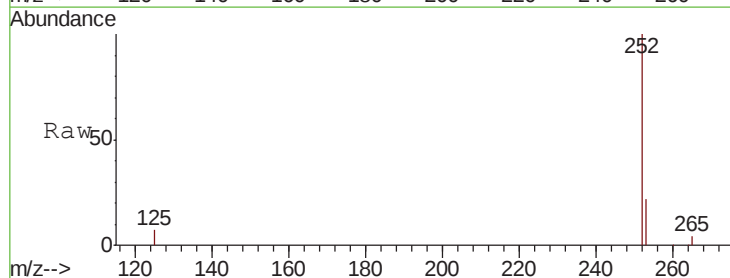
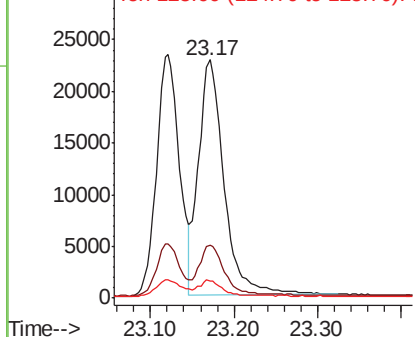
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.4	5.9	8.9

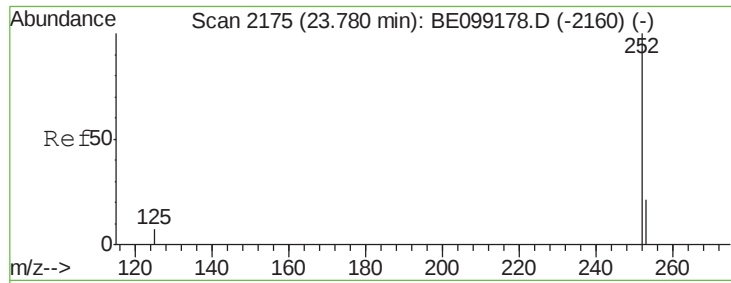
Abundance

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





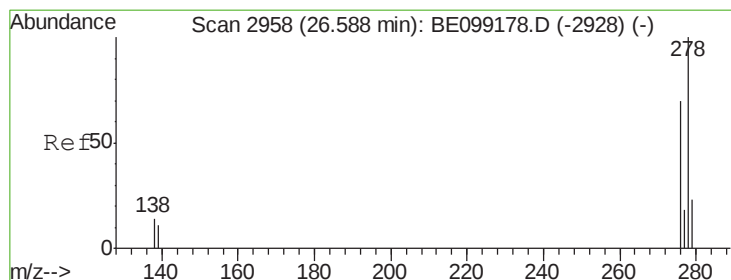
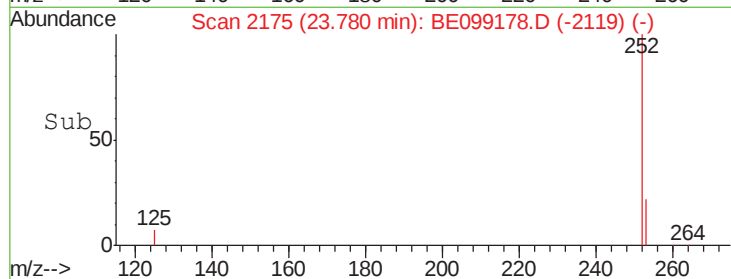
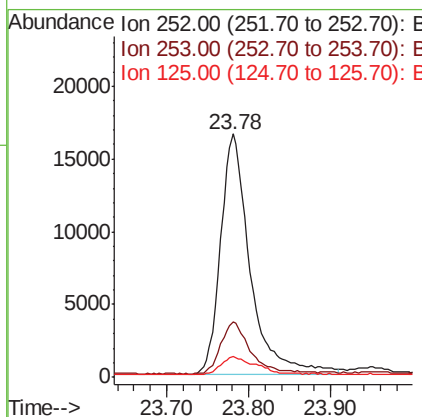
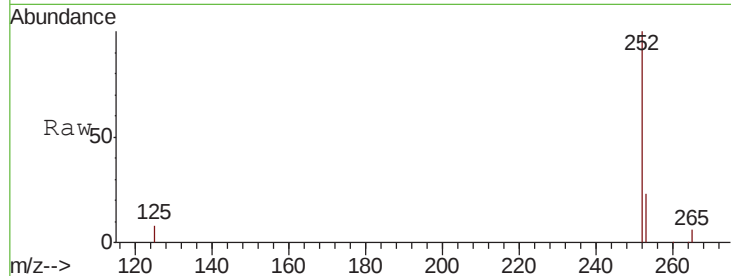
#37
Benzo(a)pyrene
Concen: 0.316 ng
RT: 23.78 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE099178.D
Acq: 25 Mar 2019 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	8.5	6.8	10.2

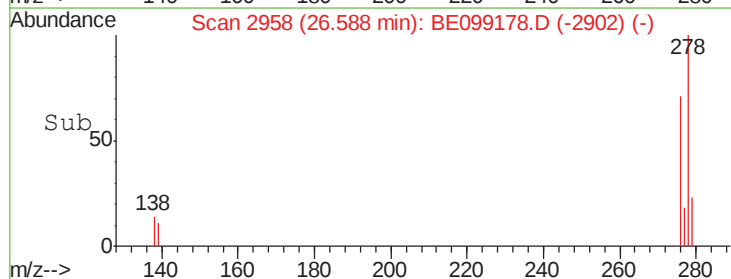
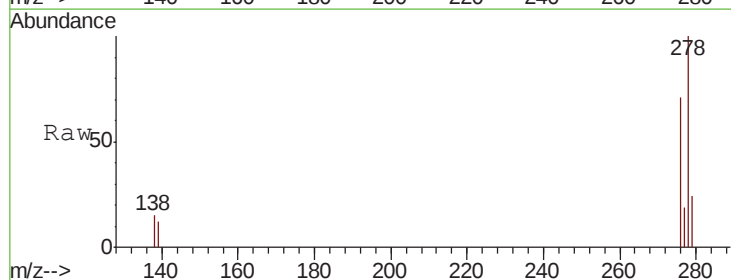
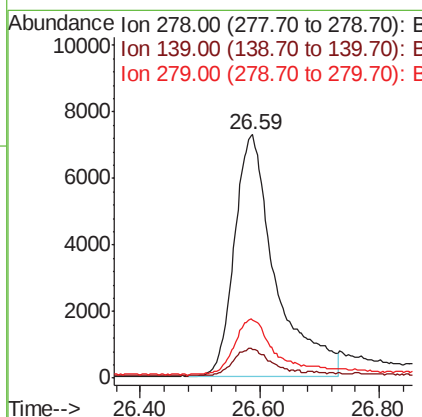
Manual Integrations
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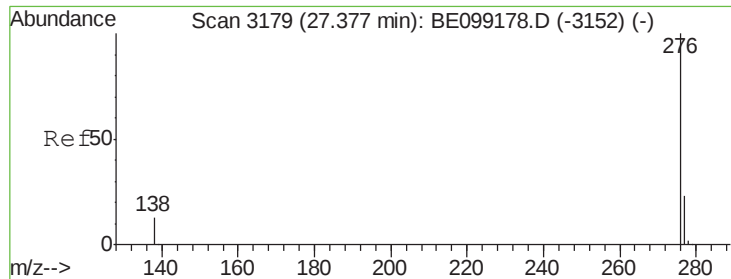
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#38
Dibenzo(a,h)anthracene
Concen: 0.272 ng
RT: 26.59 min Scan# 2958
Delta R.T. 0.00 min
Lab File: BE099178.D
Acq: 25 Mar 2019 11:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.5	14.3
279	23.9	19.1	28.7





#39
 Benzo(a,h,i)perylene
 Concen: 0.272 ng
 RT: 27.38 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BE099178.D
 Acq: 25 Mar 2019 11:52

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	13.9	11.1	16.7

Manual Integrations
 APPROVED

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 3/26/2019 6:14:06 PM

