

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099179.D
 Acq On : 25 Mar 2019 12:28
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:14:08 PM

Quant Time: Mar 25 14:21:55 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	3908	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	17720	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	12751	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	31902	0.40	ng	0.00
27) Chrysene-d12	21.38	240	36298	0.40	ng	-0.01
34) Perylene-d12	23.89	264	35971	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	9131	0.78	ng	0.00
5) Phenol-d6	6.99	99	14312	0.85	ng	0.00
8) Nitrobenzene-d5	8.99	82	11336	1.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	27735	0.87	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	3363	0.90	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	42315	0.83	ng	0.00
25) Fluoranthene-d10	19.24	212	312914	0.74	ng	0.00
29) Terphenyl-d14	19.83	244	64156	0.84	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3919	0.646	ng	90
3) n-Nitrosodimethylamine	3.66	42	2346	0.750	ng	# 96
6) bis(2-Chloroethyl)ether	7.26	93	11048	0.811	ng	97
9) Naphthalene	10.68	128	169570	0.812	ng	100
10) Hexachlorobutadiene	10.95	225	8957	0.877	ng	97
12) 2-Methylnaphthalene	12.30	142	30098	0.842	ng	99
16) Acenaphthylene	14.20	152	51893	0.763	ng	99
17) Acenaphthene	14.54	154	31021	0.769	ng	99
18) Fluorene	15.51	166	44355	0.753	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	16935	0.959	ng	# 66
21) Hexachlorobenzene	16.51	284	16052	0.979	ng	98
22) Pentachlorophenol	16.87	266	1532m	0.479	ng	
23) Phenanthrene	17.26	178	77800	0.821	ng	100
24) Anthracene	17.34	178	68749	0.767	ng	100
26) Fluoranthene	19.27	202	97710	0.733	ng	100
28) Pyrene	19.63	202	98414	0.799	ng	100
30) Benzo(a)anthracene	21.37	228	96253	0.753	ng	100
31) Chrysene	21.43	228	104455	0.817	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	102304	0.616	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	97341	0.709	ng	# 90
35) Benzo(b)fluoranthene	23.12	252	96447	0.775	ng	99
36) Benzo(k)fluoranthene	23.17	252	103341	0.848	ng	99
37) Benzo(a)pyrene	23.78	252	90196	0.784	ng	99
38) Dibenzo(a,h)anthracene	26.58	278	80126	0.716	ng	99
39) Benzo(g,h,i)perylene	27.37	276	80626	0.702	ng	99

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

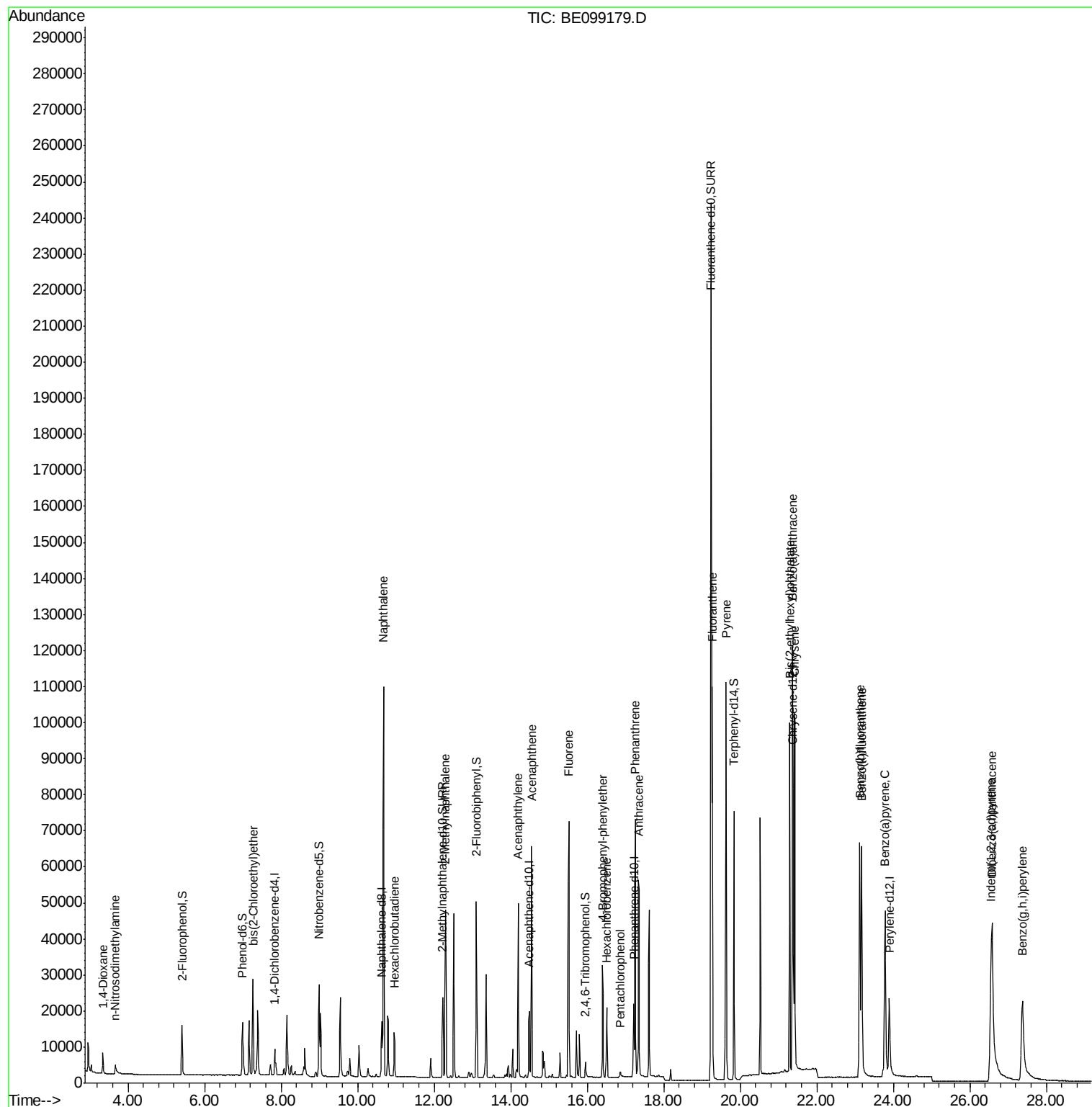
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099179.D
Acq On : 25 Mar 2019 12:28
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations
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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
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#1

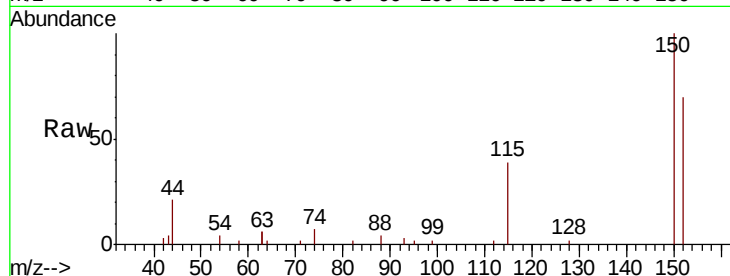
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	112.8	169.2
115	56.5	45.1	67.7

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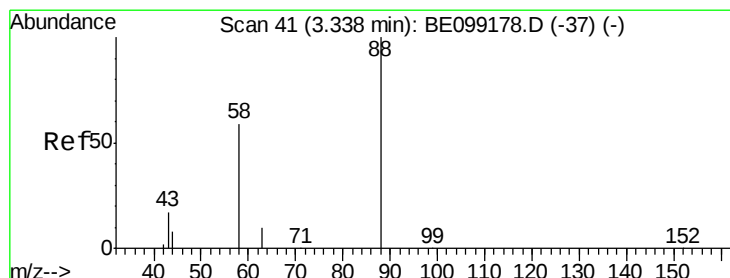
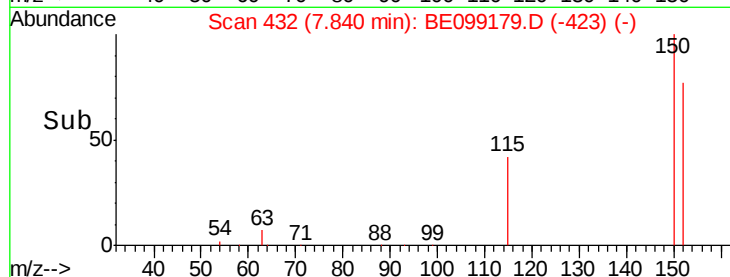
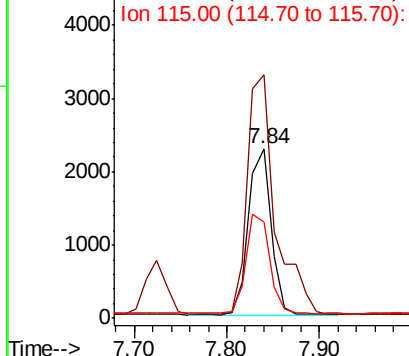


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

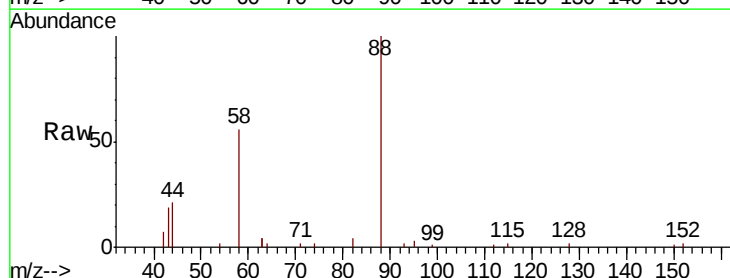
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.646 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	47.4	71.0
43	20.8	15.6	23.4

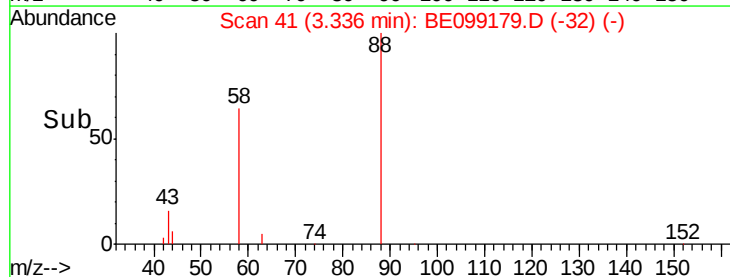
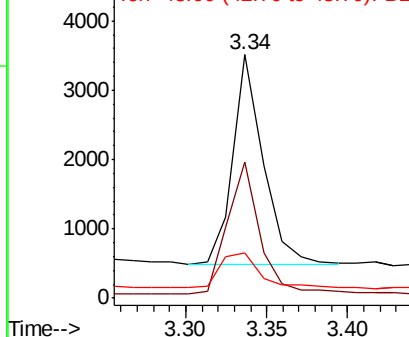


Abundance

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: 0.750 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

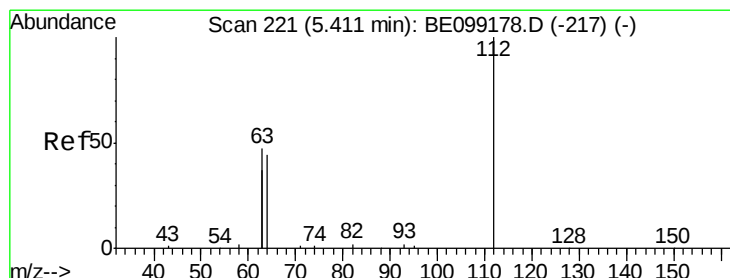
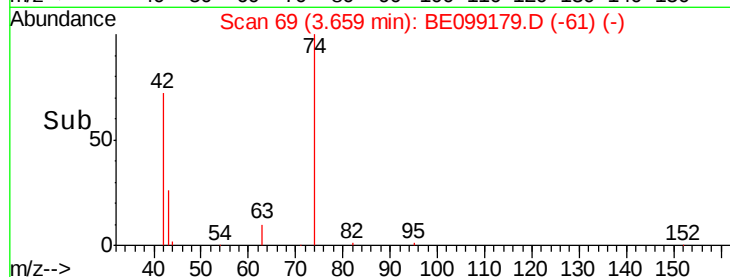
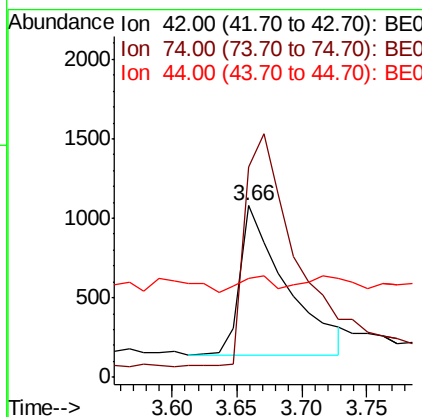
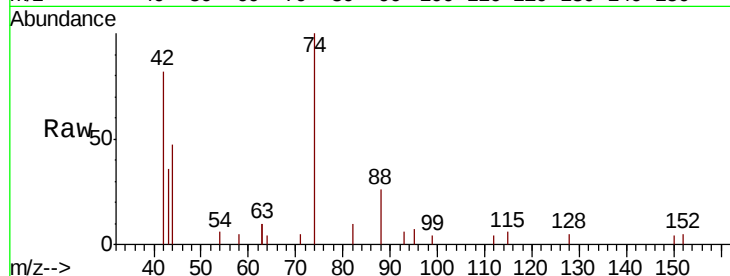
ClientSampleId :

SSTDICC0.8

Tot Ion:	42	Resp:	2346
Ion	Ratio	Lower	Upper
42	100		
74	171.4	138.6	207.8
44	7.6	15.0	22.6

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#4

2-Fluorophenol

Concen: 0.785 ng

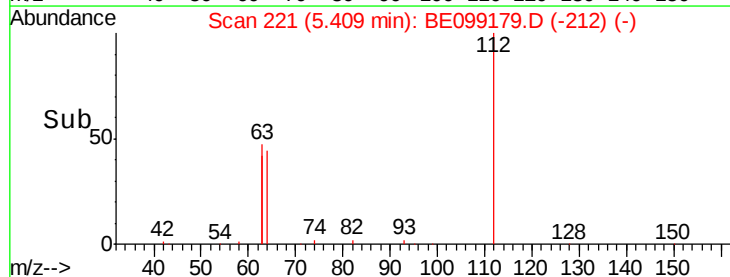
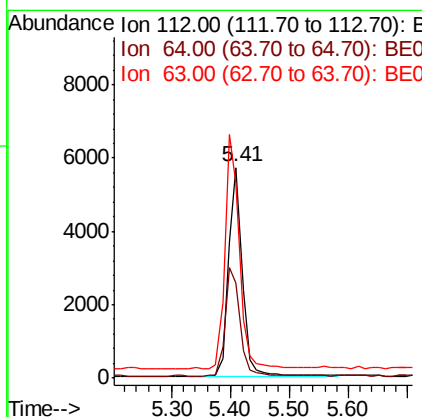
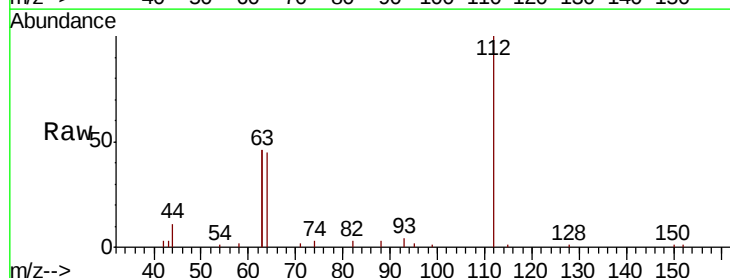
RT: 5.41 min Scan# 221

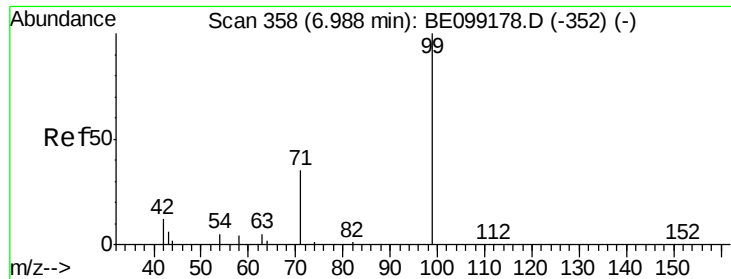
Delta R.T. -0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Tgt Ion:	112	Resp:	9131
Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.2	69.2
63	117.7	89.9	134.9





#5

Phenol-d6

Concen: 0.854 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

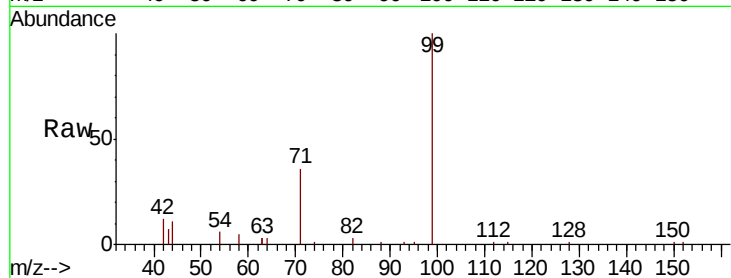
ClientSampleId :

SSTDICC0.8

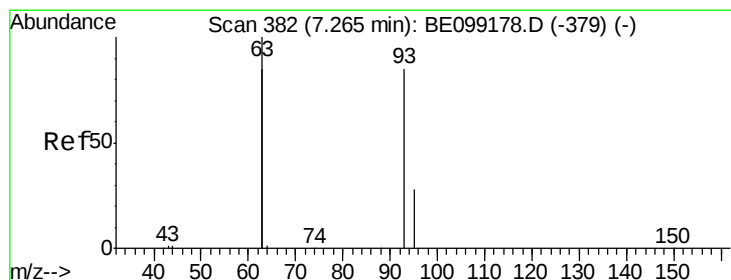
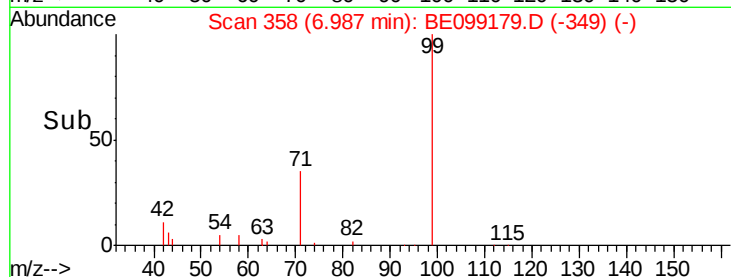
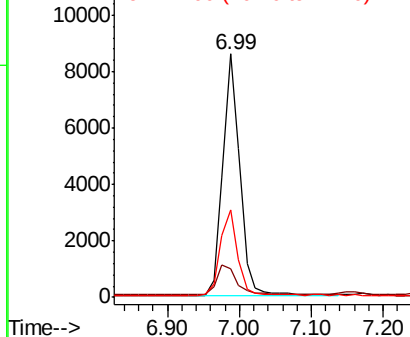
Tot Ion:	99	Resp:	14312
Ion	Ratio	Lower	Upper
99	100		
42	13.8	12.4	18.6
71	35.9	28.4	42.6

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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: 0.811 ng

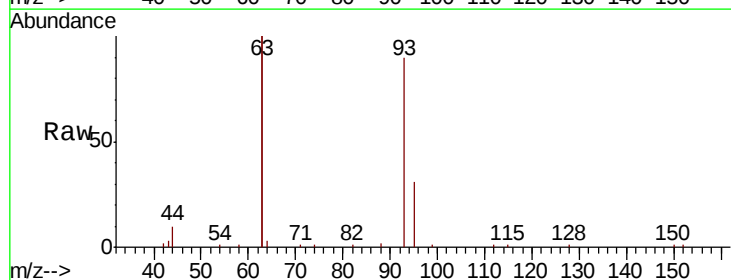
RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

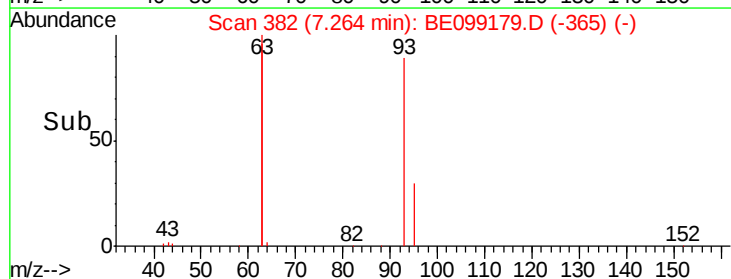
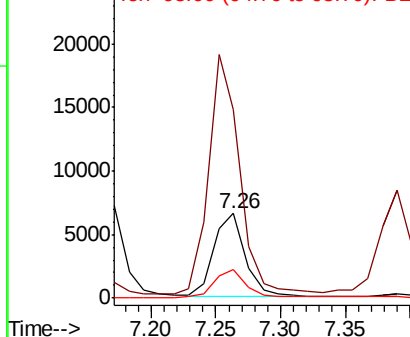
Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Tgt Ion:	93	Resp:	11048
Ion	Ratio	Lower	Upper
93	100		
63	282.3	221.4	332.0
95	33.2	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: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

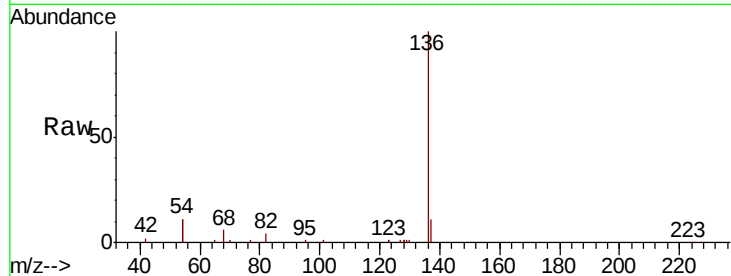
ClientSampleId :

SSTDICC0.8

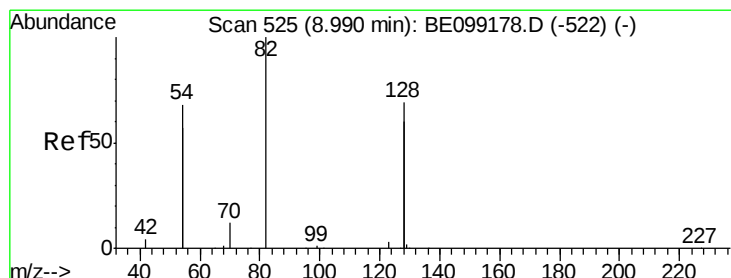
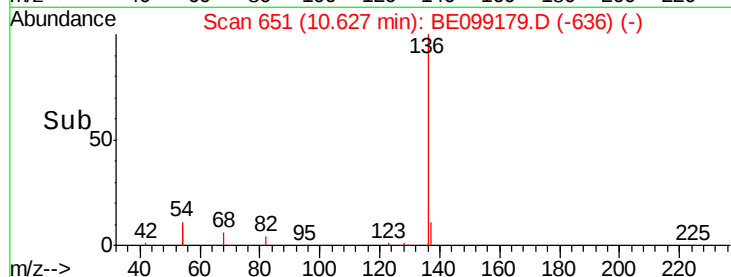
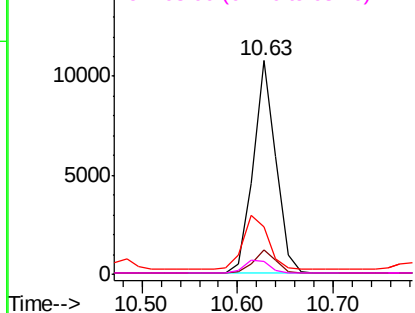
Tot Ion:	136	Resp:	17720
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	22.1	18.7	28.1
68	6.2	5.2	7.8

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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: 1.463 ng

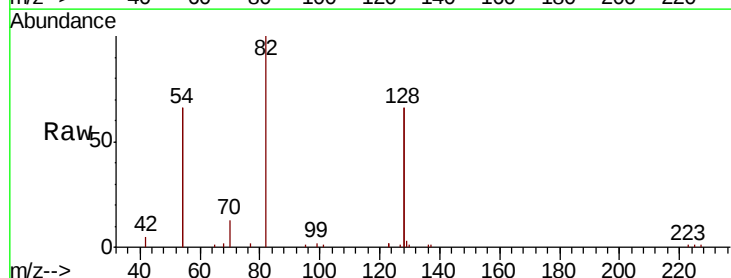
RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

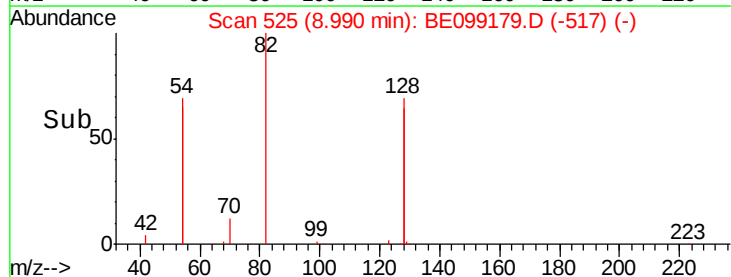
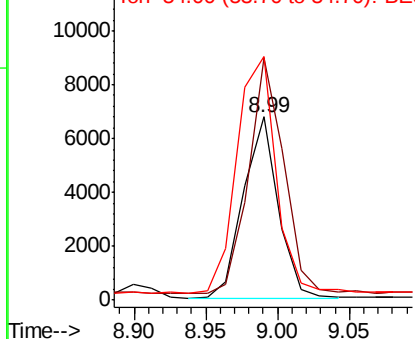
Lab File: BE099179.D

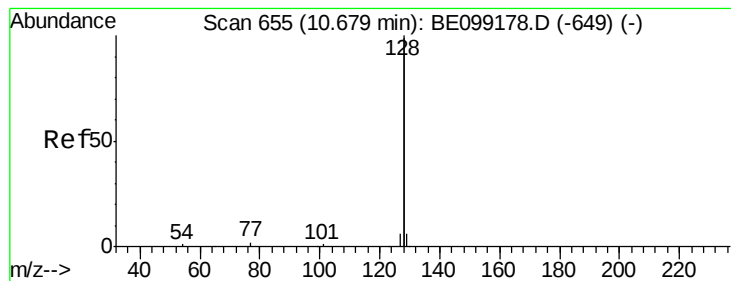
Acq: 25 Mar 2019 12:28

Tgt Ion:	82	Resp:	11336
Ion Ratio	Lower	Upper	
82	100		
128	132.1	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: 0.812 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

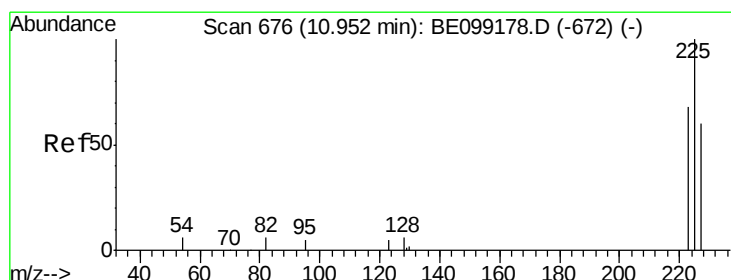
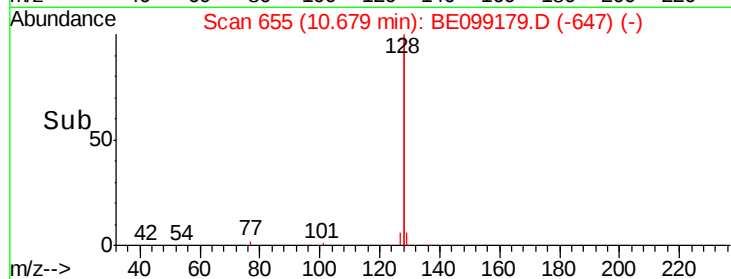
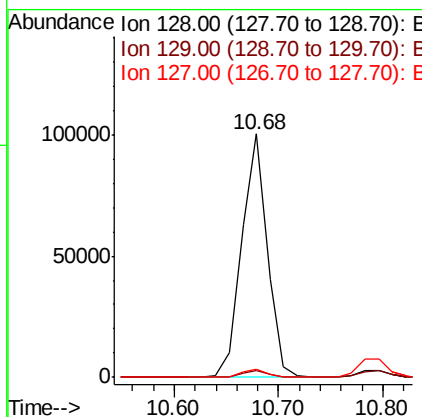
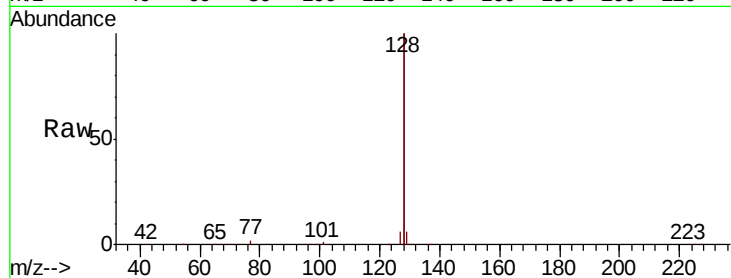
ClientSampled :

SSTDIC0.8

Tot Ion	128	Resp:	169570
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.3	3.5
127	3.2	2.6	3.8

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.877 ng

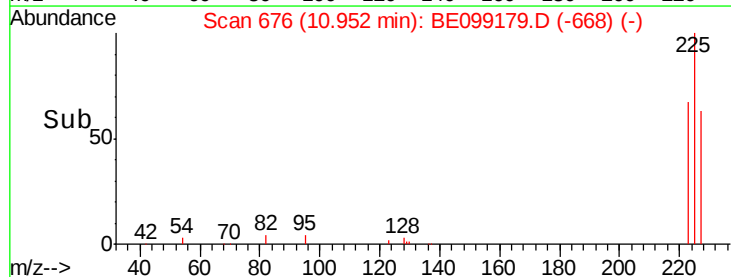
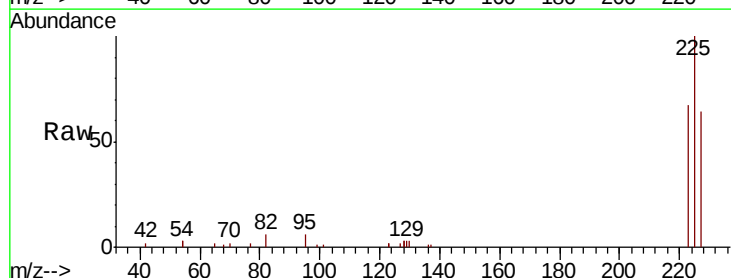
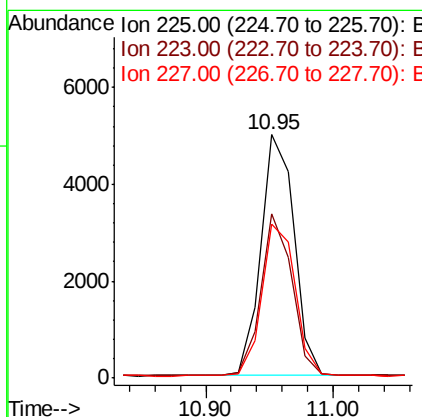
RT: 10.95 min Scan# 676

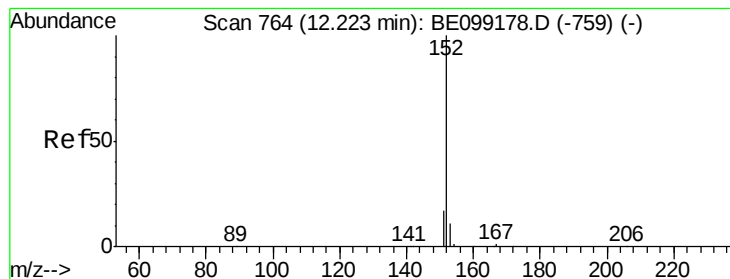
Delta R.T. -0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Tgt Ion	225	Resp:	8957
Ion Ratio	Lower	Upper	
225	100		
223	62.6	51.3	76.9
227	63.4	48.6	73.0





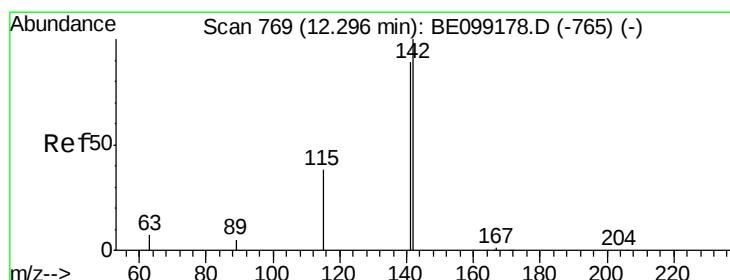
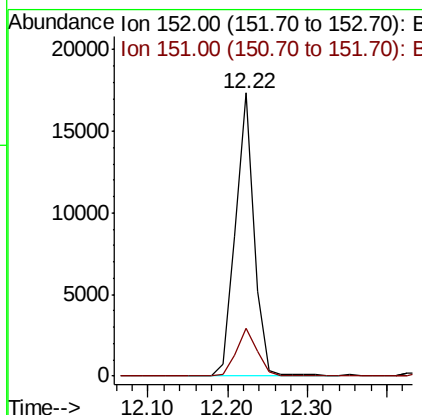
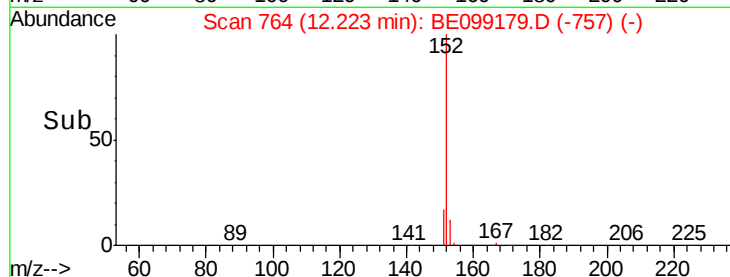
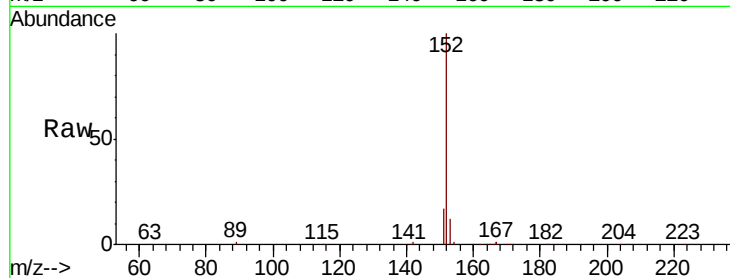
#11
2-Methylnaphthalene-d10
Concen: 0.869 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.6

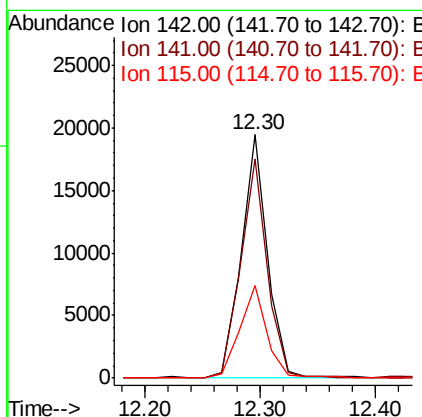
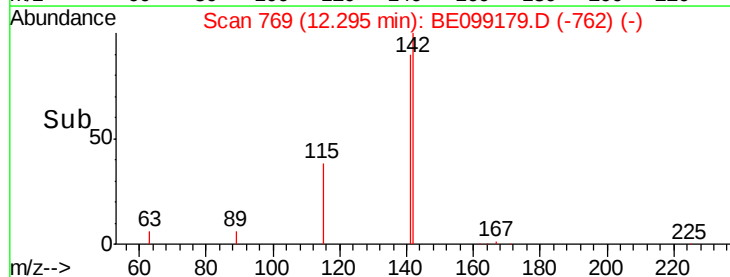
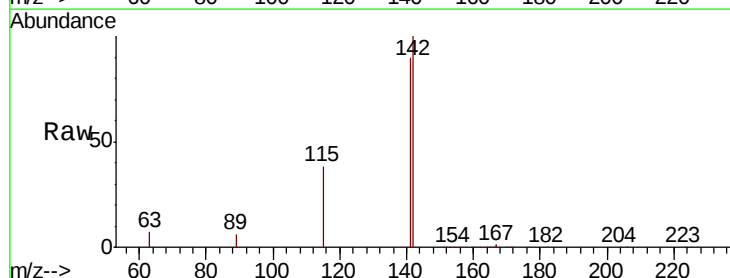
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#12
2-Methylnaphthalene
Concen: 0.842 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9
115	38.3	30.4	45.6





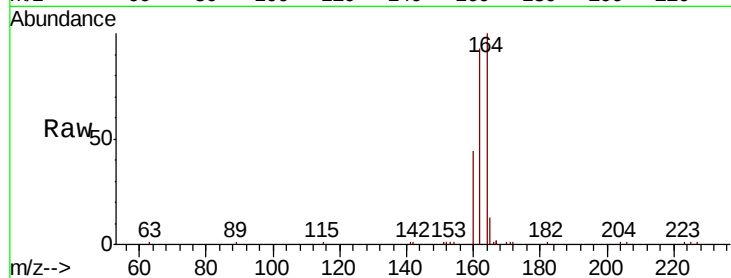
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion	Ratio	Lower	Upper
164	100		
162	93.4	79.2	118.8
160	43.9	36.7	55.1

Manual Integrations
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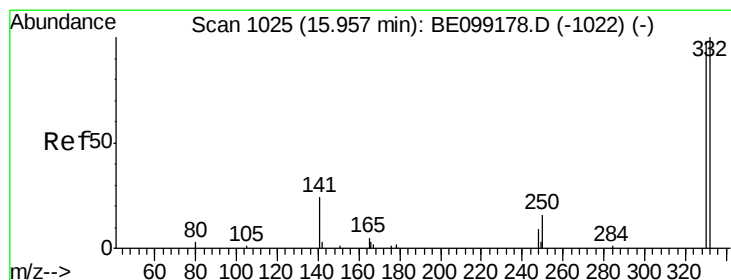
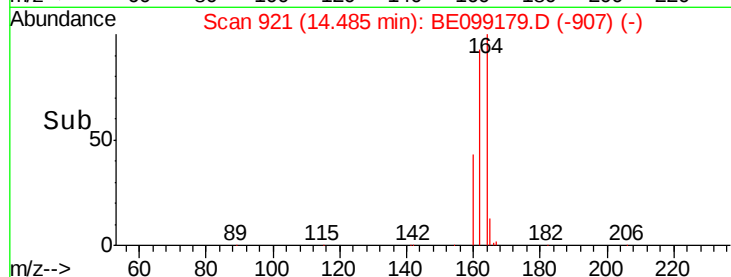
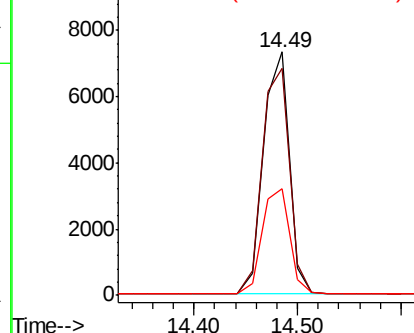


Abundance

Ion 164.00 (163.70 to 164.70): E

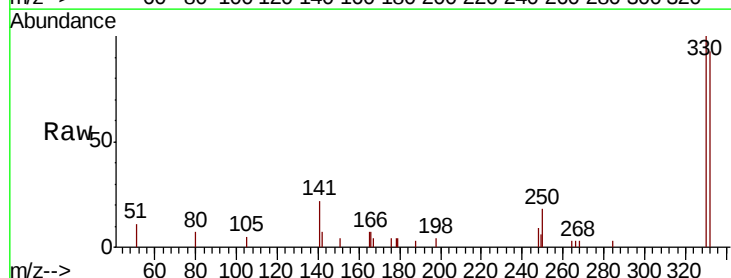
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.897 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	71.3	106.9
141	26.2	21.7	32.5

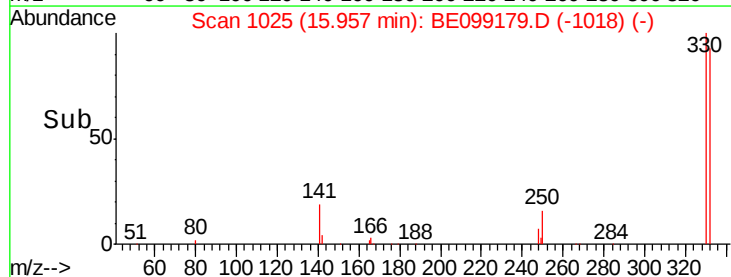
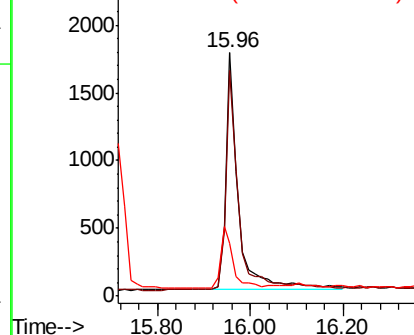


Abundance

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





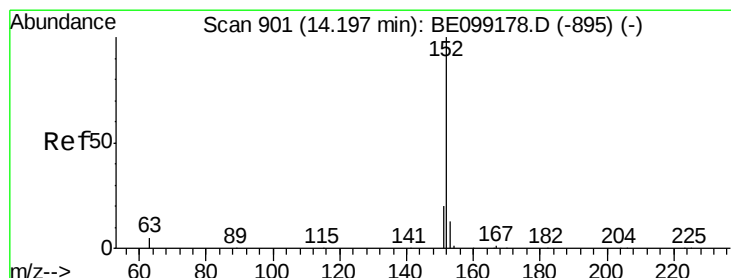
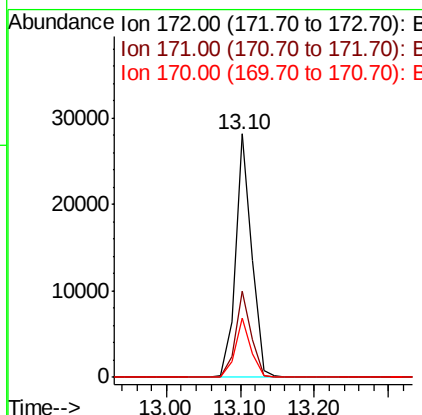
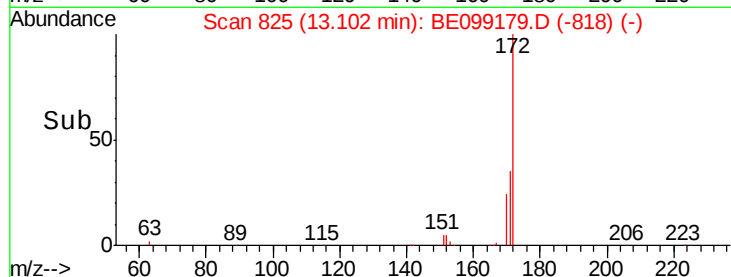
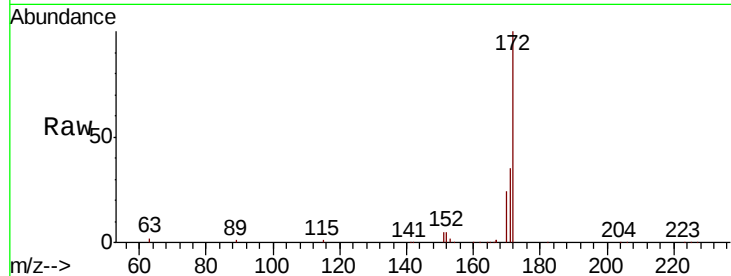
#15
2-Fluorobiphenyl
Concen: 0.834 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.4	41.0
170	24.4	19.1	28.7

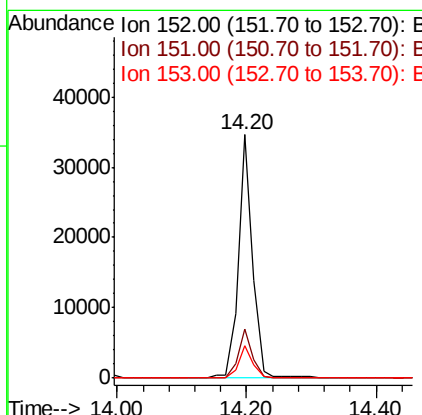
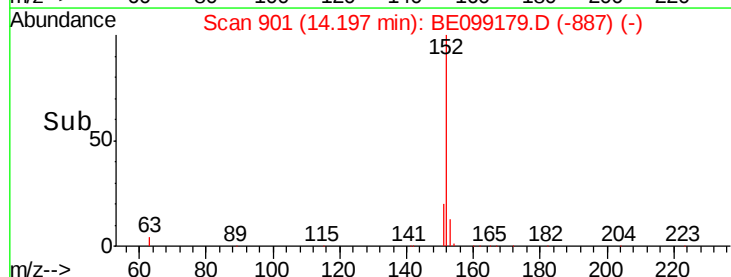
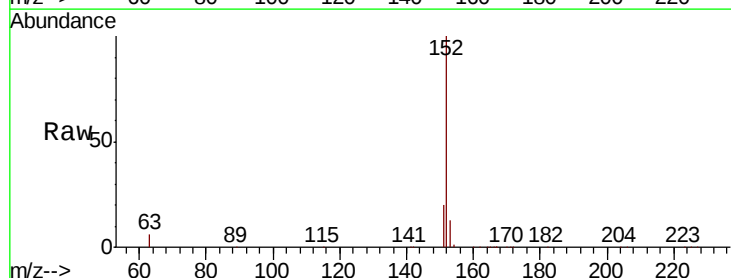
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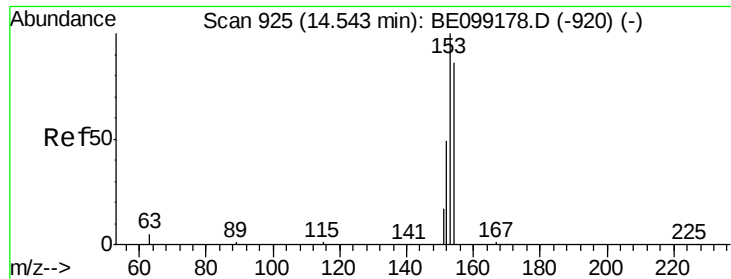
Sohil
3/26/2019 6:14:08 PM



#16
Acenaphthylene
Concen: 0.763 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.0	10.6	15.8





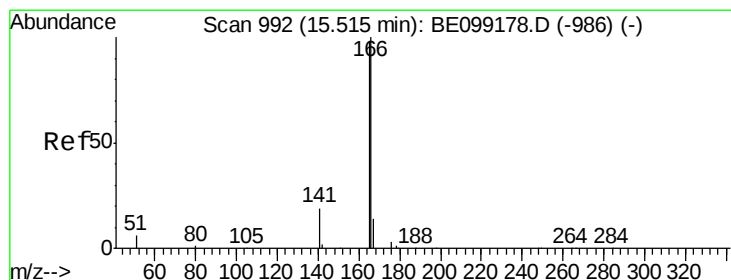
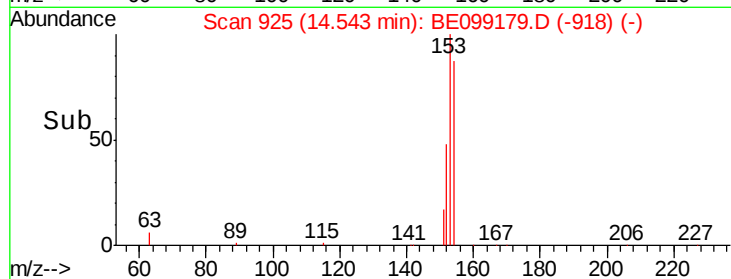
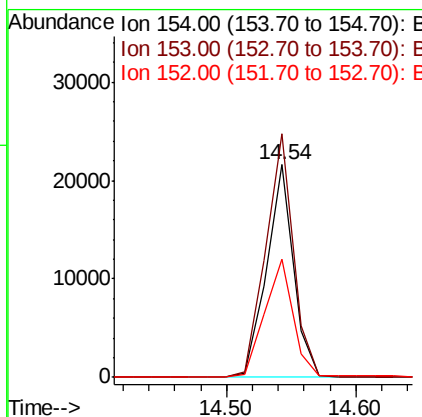
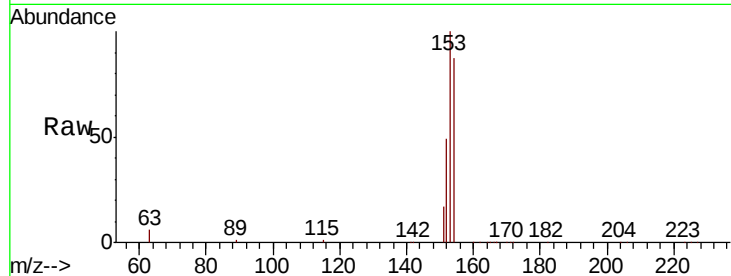
#17
Acenaphthene
Concen: 0.769 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.9	93.4	140.0
152	58.3	46.6	69.8

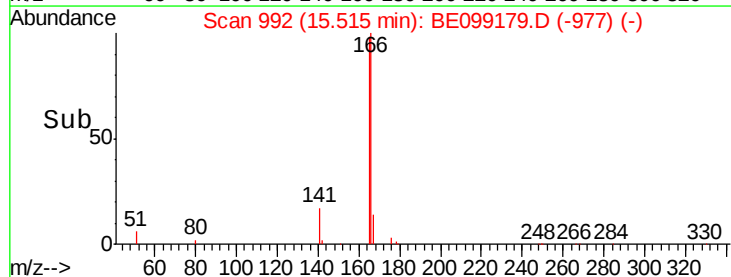
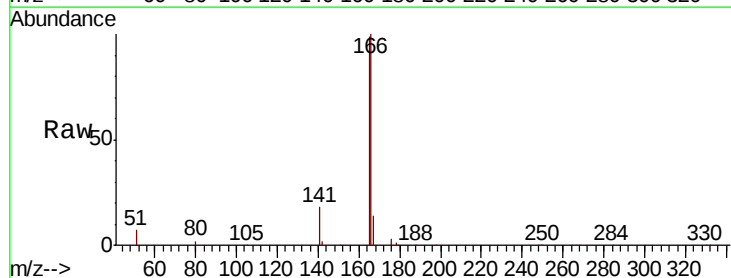
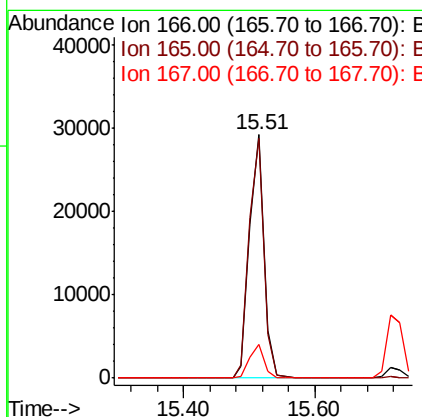
Manual Integrations
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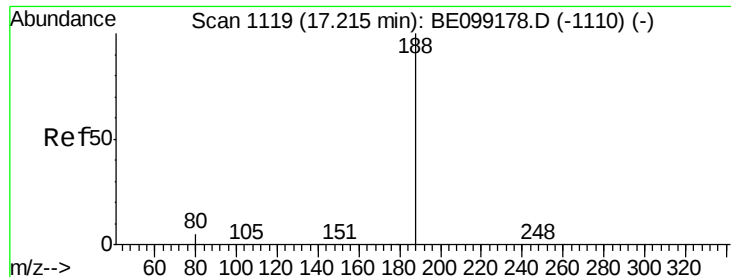
Sohil
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#18
Fluorene
Concen: 0.753 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.9	118.3
167	13.5	10.9	16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

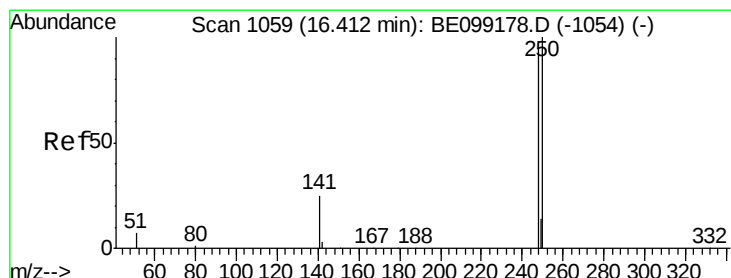
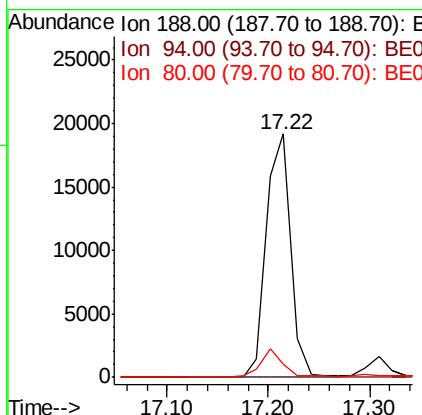
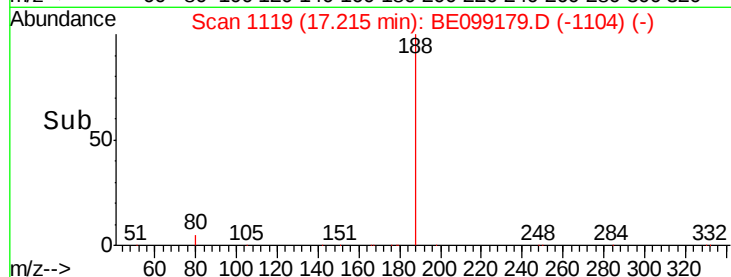
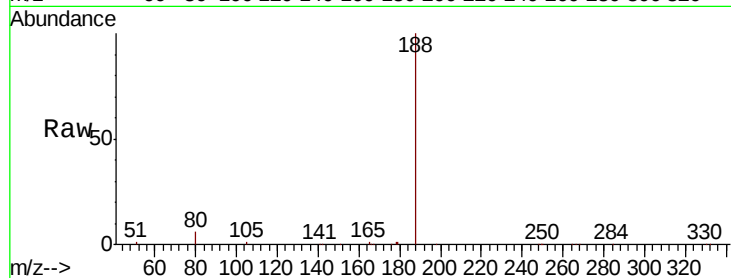
ClientSampled :

SSTDIC0.8

Tot Ion:	188	Resp:	31902
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.7	4.5	6.7

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 0.959 ng

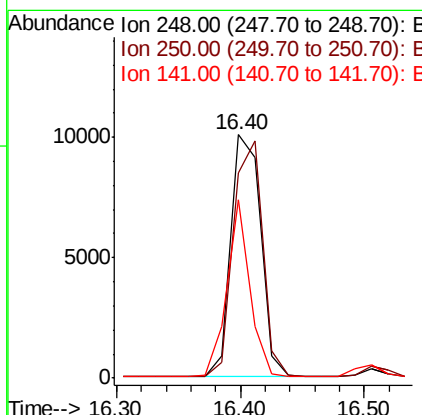
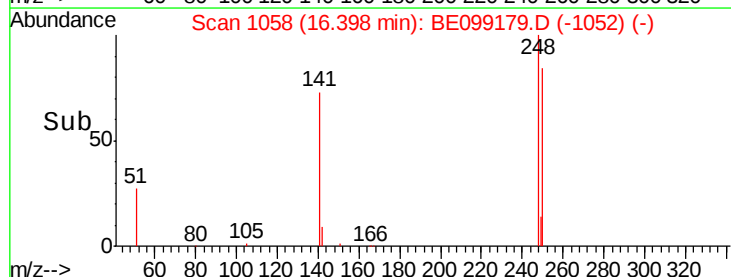
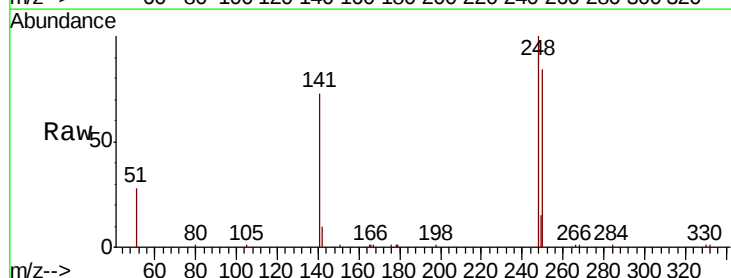
RT: 16.40 min Scan# 1058

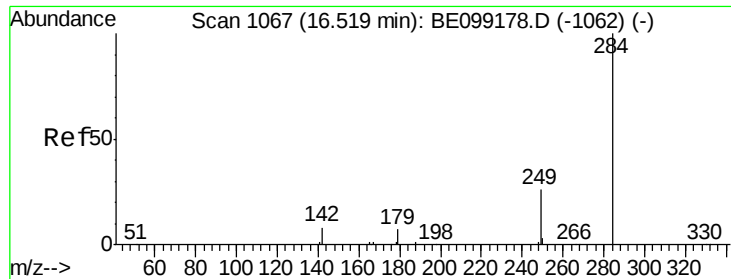
Delta R.T. -0.01 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Tgt Ion:	248	Resp:	16935
Ion Ratio	Lower	Upper	
248	100		
250	84.4	84.2	126.2
141	73.3	21.8	32.6#





#21

Hexachlorobenzene

Concen: 0.979 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

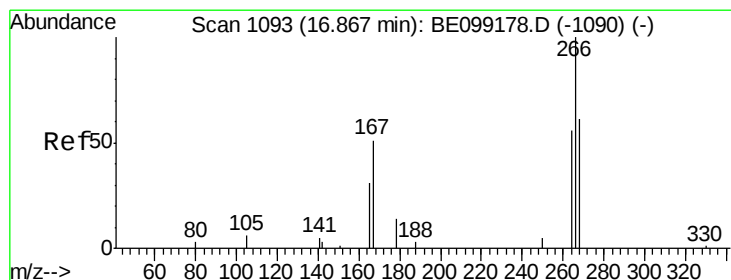
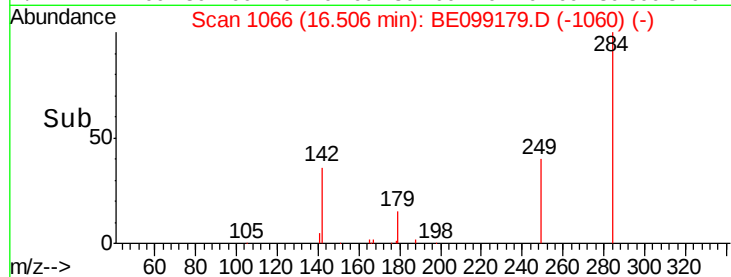
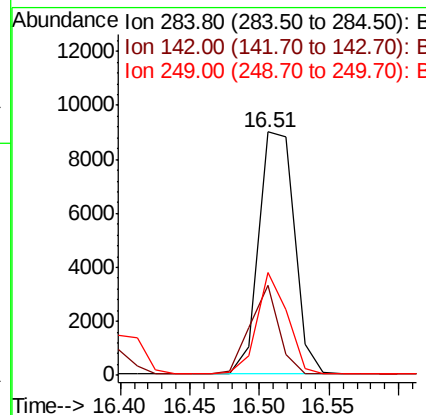
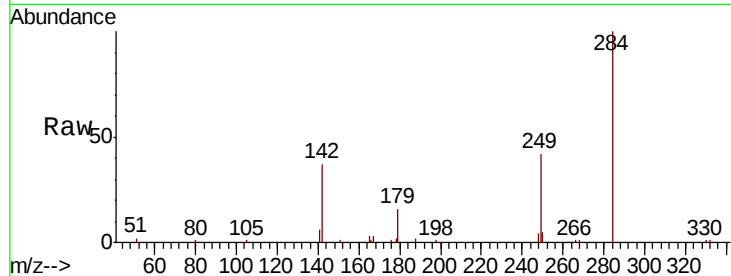
ClientSampleId :

SSTDIC0.8

Tot Ion:	284	Resp:	16052
Ion Ratio	Lower	Upper	
284	100		
142	29.1	22.7	34.1
249	34.9	26.9	40.3

Manual Integrations
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#22

Pentachlorophenol

Concen: 0.479 ng m

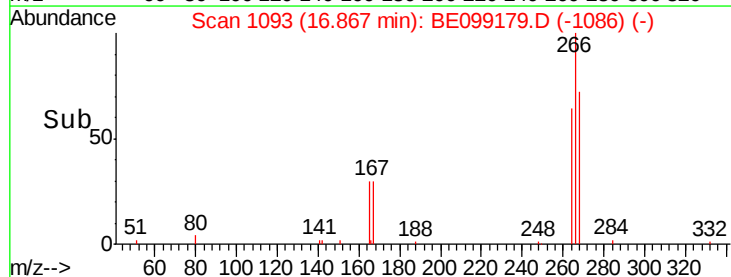
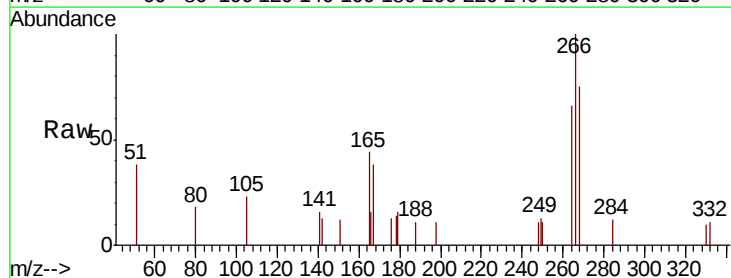
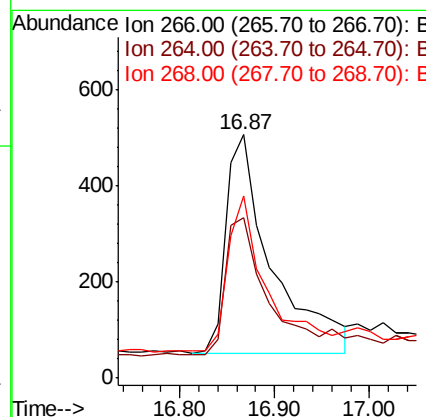
RT: 16.87 min Scan# 1093

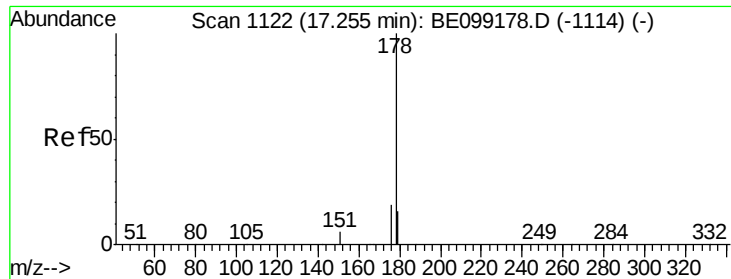
Delta R.T. 0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Tgt Ion:	266	Resp:	1532
Ion Ratio	Lower	Upper	
266	100		
264	66.1	54.4	81.6
268	75.0	61.3	91.9





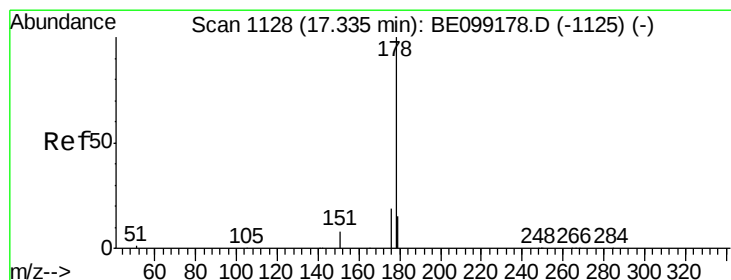
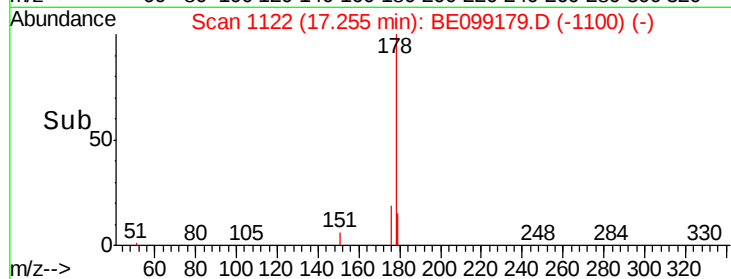
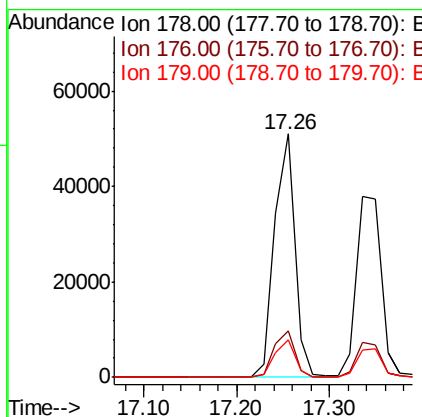
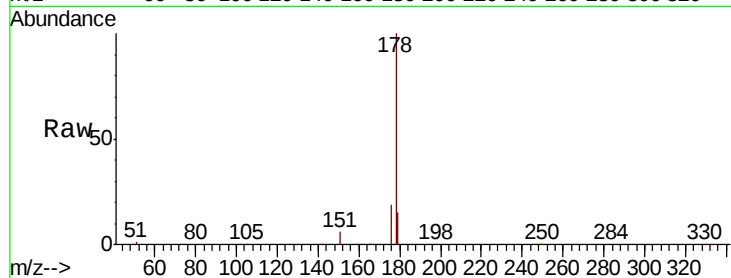
#23
Phenanthrene
Concen: 0.821 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.1	12.3	18.5

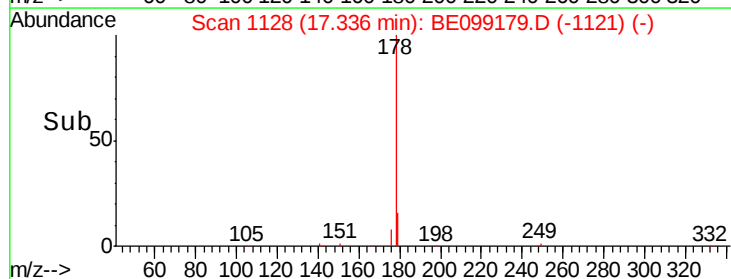
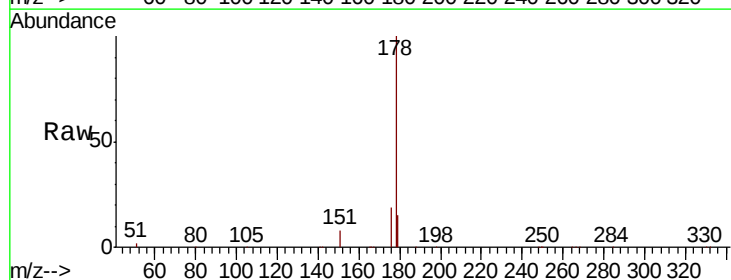
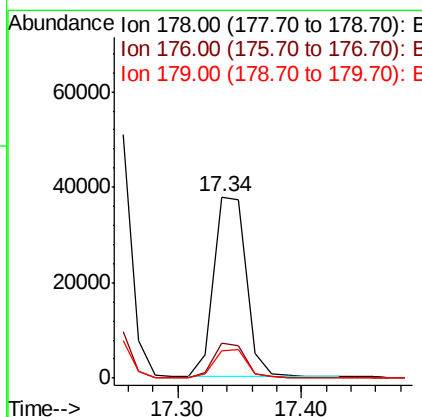
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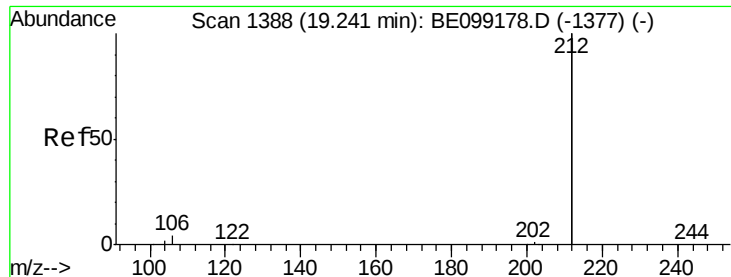
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#24
Anthracene
Concen: 0.767 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.5	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.735 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

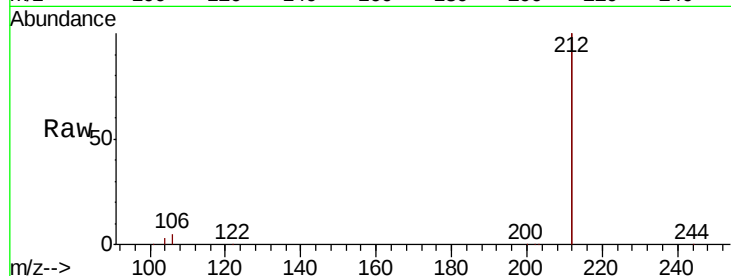
ClientSampleId :

SSTDIC0.8

Tot Ion:	212	Resp:	312914
Ion Ratio	Lower	Upper	
212	100		
106	2.4	1.8	2.8
104	1.4	1.1	1.7

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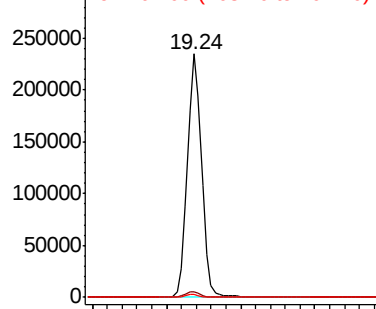


Abundance

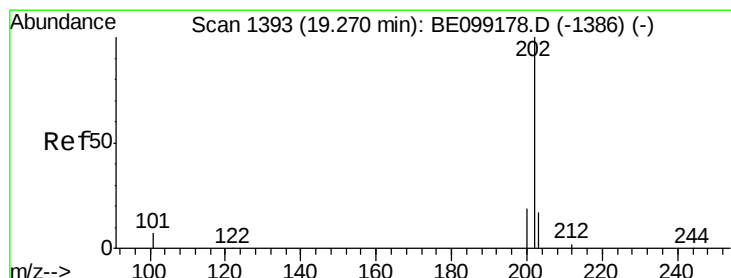
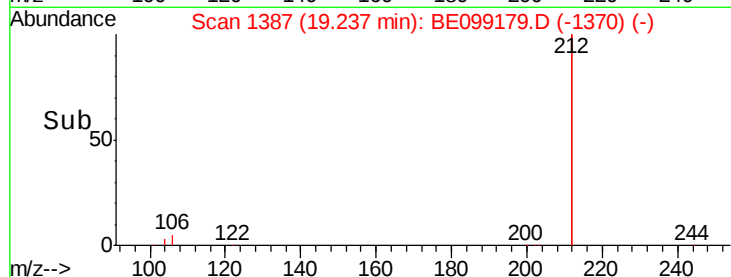
Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.10 19.20 19.30 19.40



#26

Fluoranthene

Concen: 0.733 ng

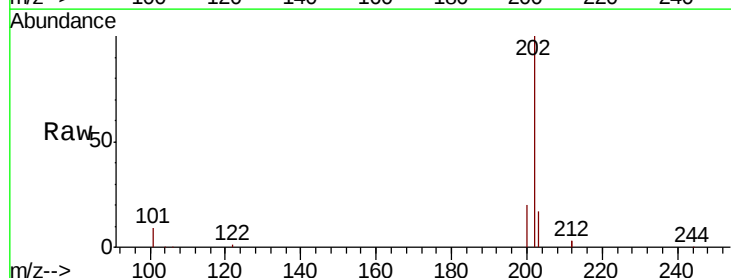
RT: 19.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Tgt Ion:	202	Resp:	97710
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.0	10.4
203	17.2	13.8	20.6

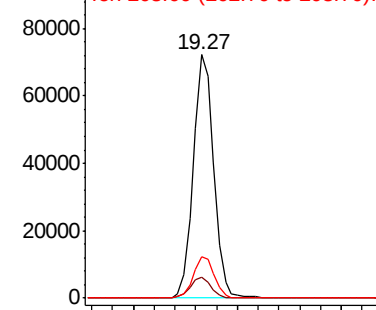


Abundance

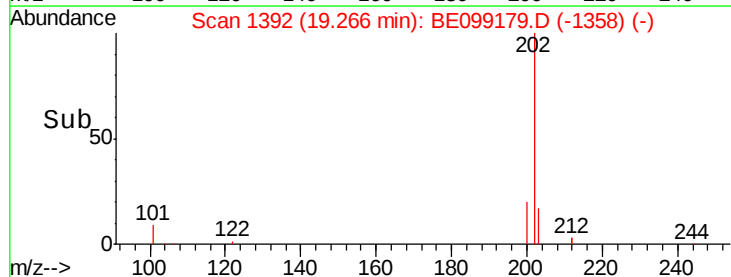
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.20 19.30 19.40





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:240 Resp: 36298

Ion Ratio Lower Upper

240 100

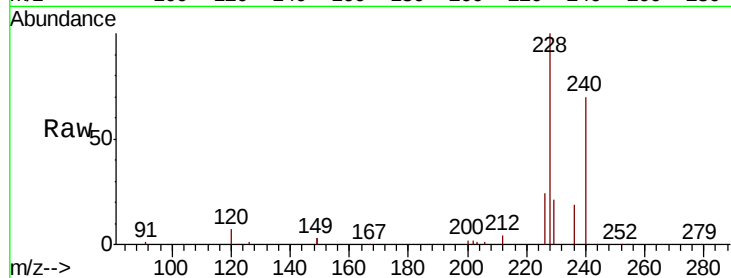
120 10.2 2.6 3.8#

236 27.8 20.9 31.3

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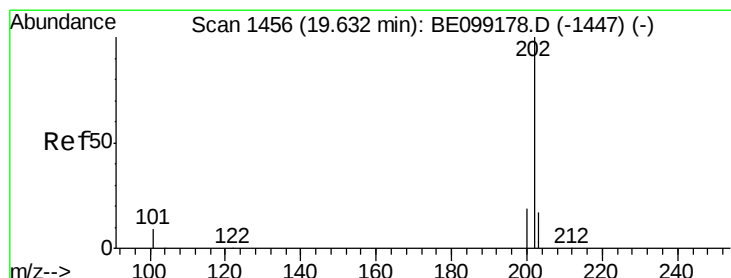
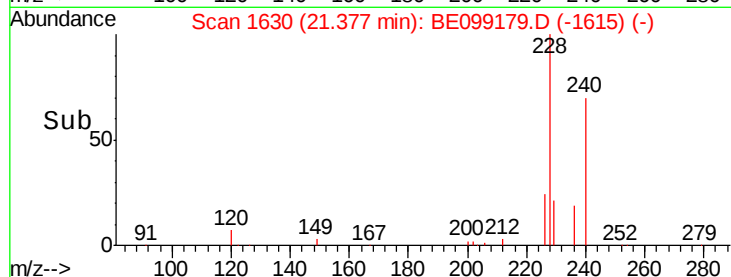
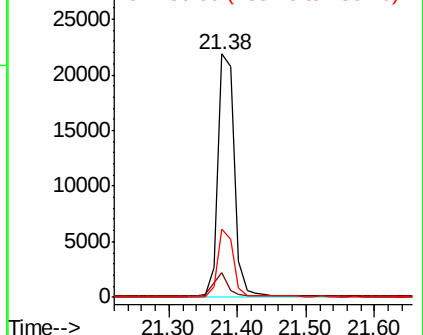


Abundance

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: 0.799 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Tgt Ion:202 Resp: 98414

Ion Ratio Lower Upper

202 100

200 19.9 15.8 23.8

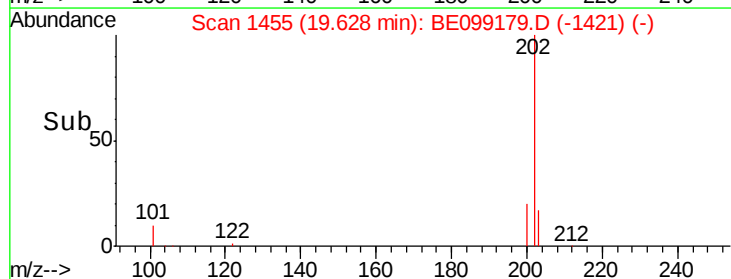
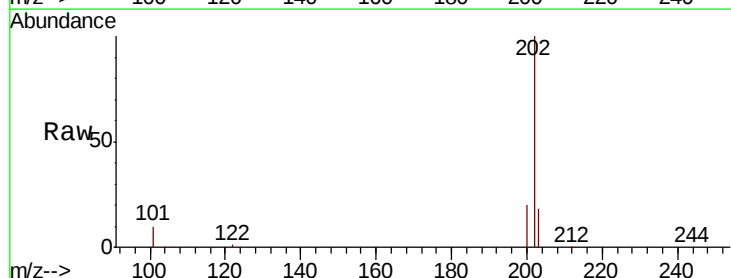
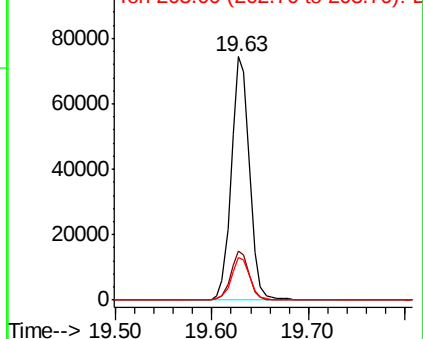
203 17.6 14.1 21.1

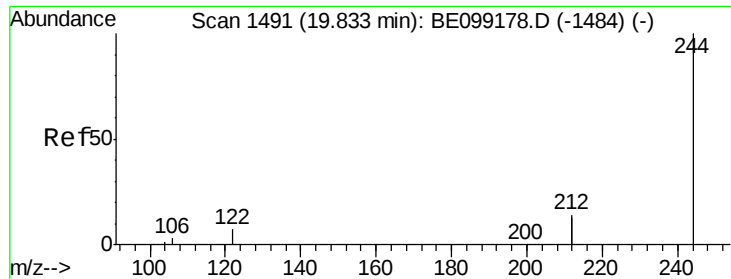
Abundance

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





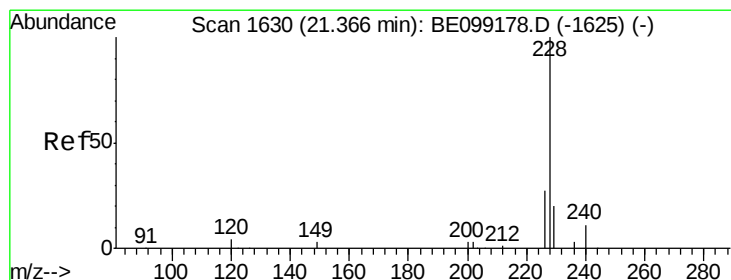
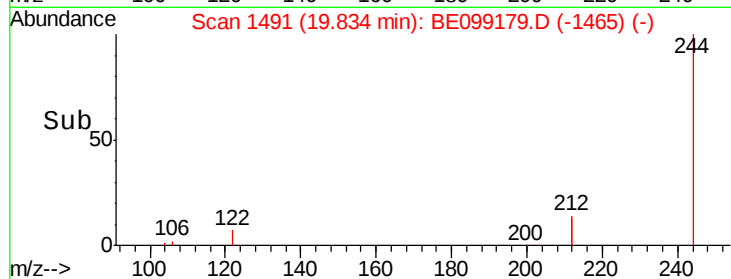
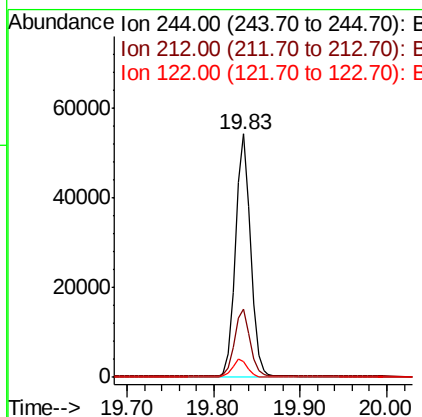
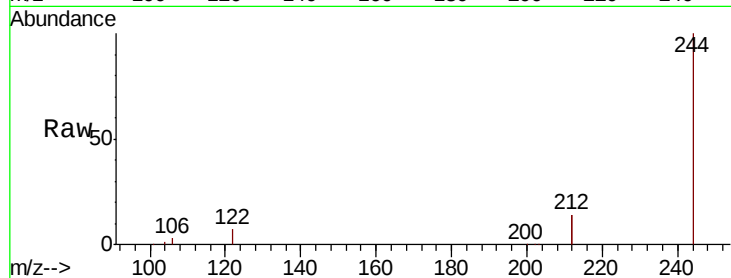
#29
 Terphenyl-d14
 Concen: 0.835 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BE099179.D
 Acq: 25 Mar 2019 12:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion	Ratio	Lower	Upper
244	100		
212	28.1	22.7	34.1
122	6.7	5.8	8.6

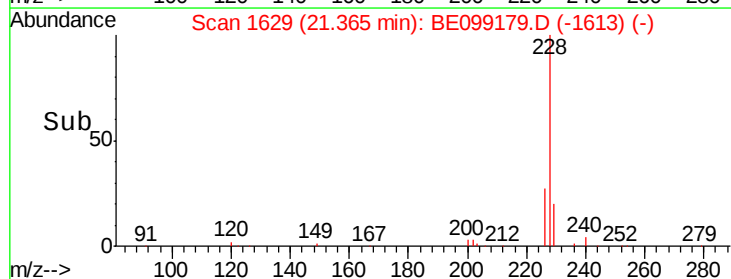
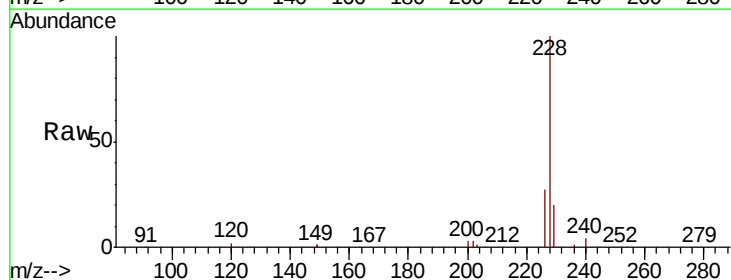
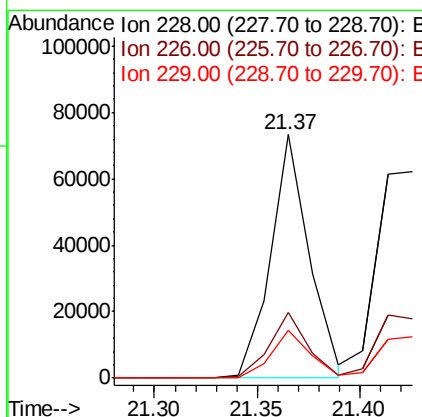
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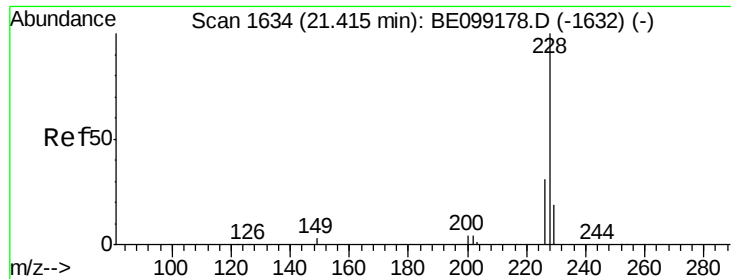
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#30
 Benzo(a)anthracene
 Concen: 0.753 ng
 RT: 21.37 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BE099179.D
 Acq: 25 Mar 2019 12:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.6	15.9	23.9





#31

Chrysene

Concen: 0.817 ng

RT: 21.43 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

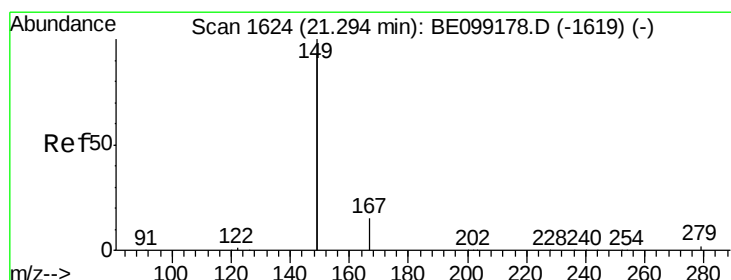
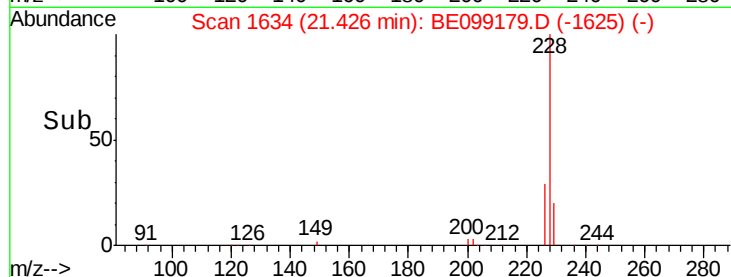
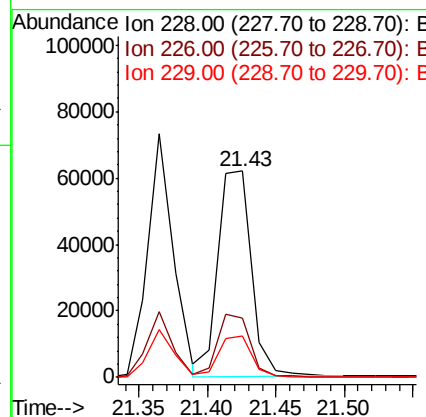
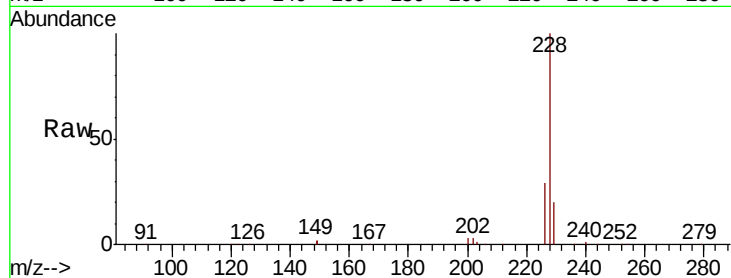
ClientSampled :

SSTDICC0.8

Tot Ion:228	Resp:	104455
Ion Ratio	Lower	Upper
228 100		
226 28.8	24.8	37.2
229 20.2	15.4	23.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.616 ng

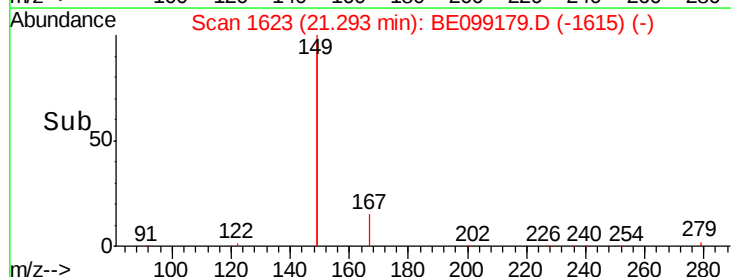
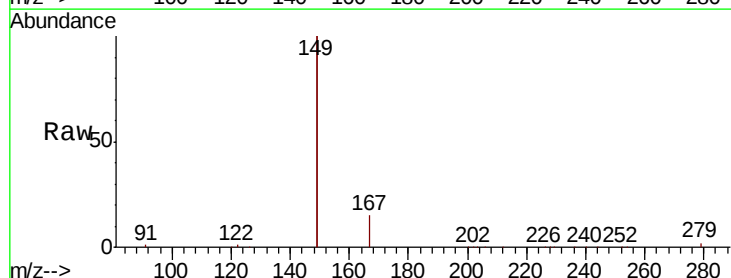
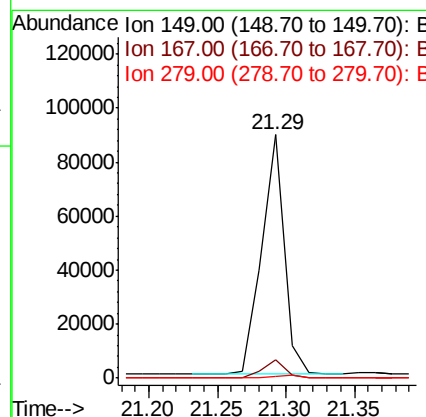
RT: 21.29 min Scan# 1623

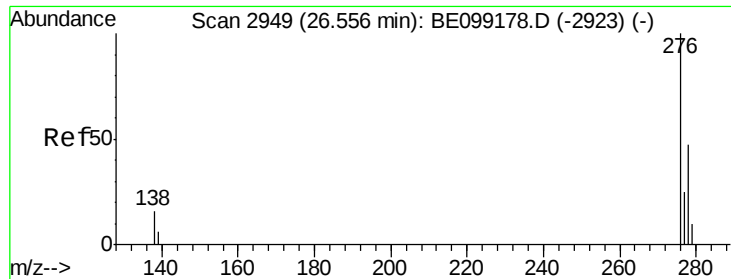
Delta R.T. -0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Tgt Ion:149	Resp:	102304
Ion Ratio	Lower	Upper
149 100		
167 7.3	5.9	8.9
279 1.2	1.0	1.6





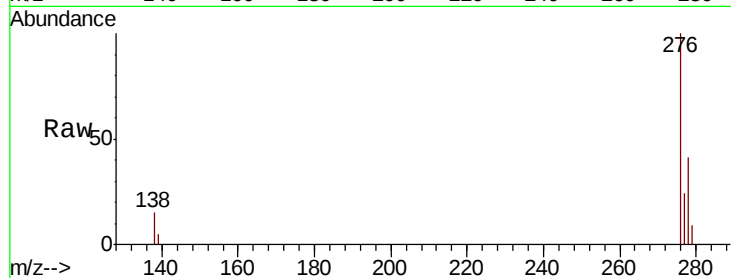
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.709 ng
 RT: 26.55 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BE099179.D
 Acq: 25 Mar 2019 12:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.4	12.9	19.3#
277	23.9	18.3	27.5

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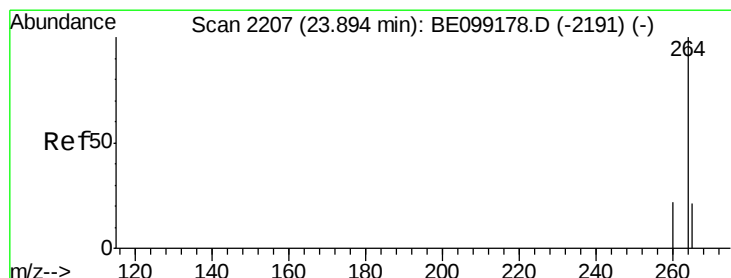
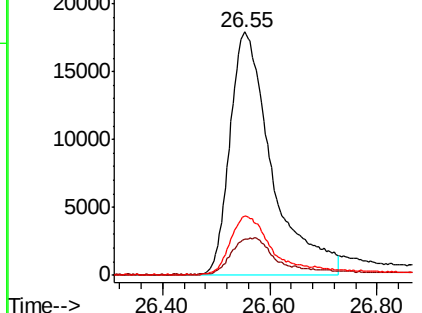
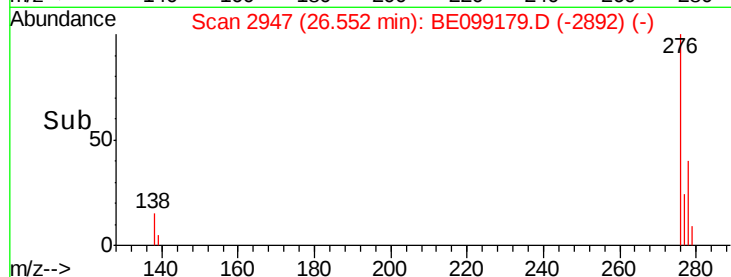


Abundance

Ion 276.00 (275.70 to 276.70): E

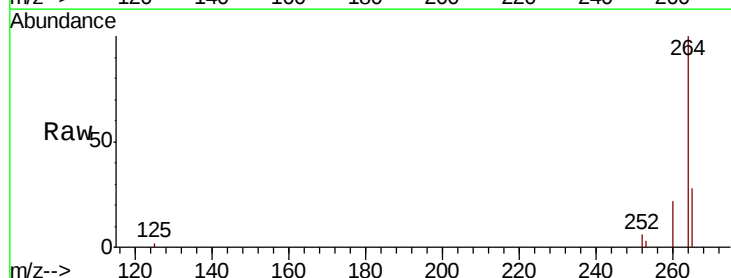
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE099179.D
 Acq: 25 Mar 2019 12:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.2
265	27.9	21.8	32.8

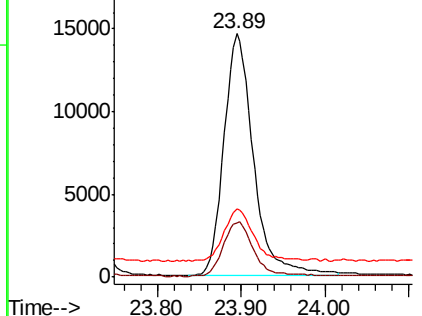
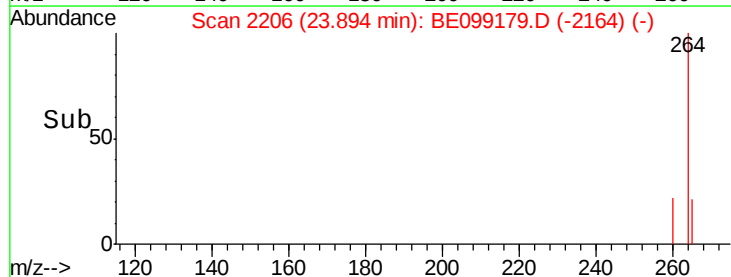


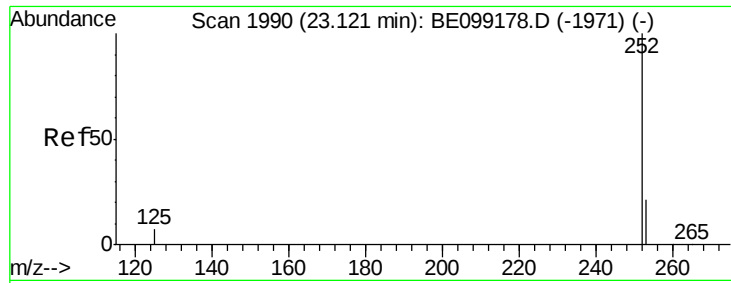
Abundance

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





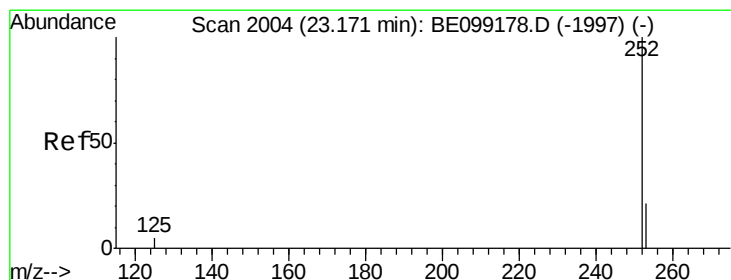
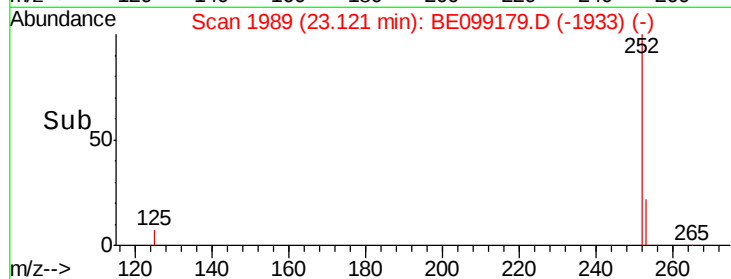
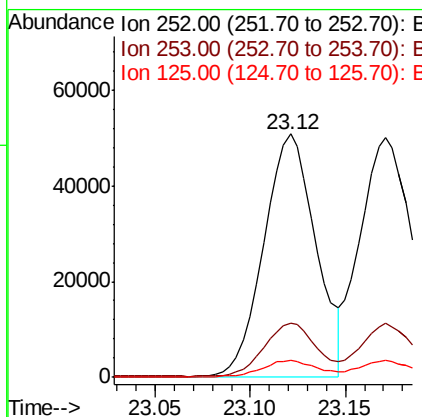
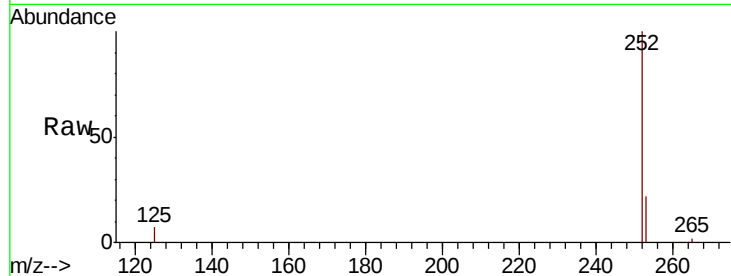
#35
Benzo(b)fluoranthene
Concen: 0.775 ng
RT: 23.12 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	6.9	6.1	9.1

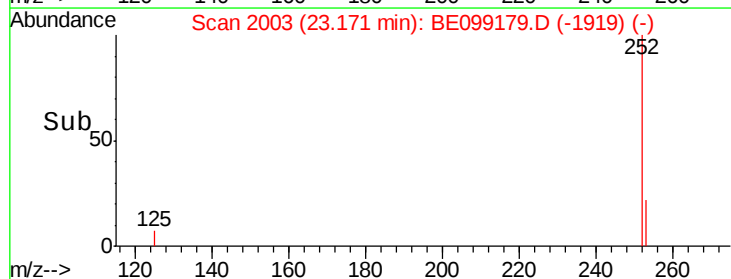
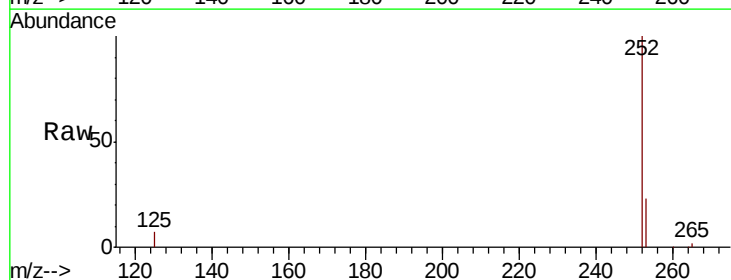
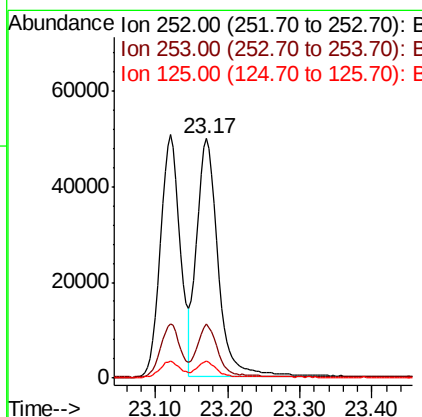
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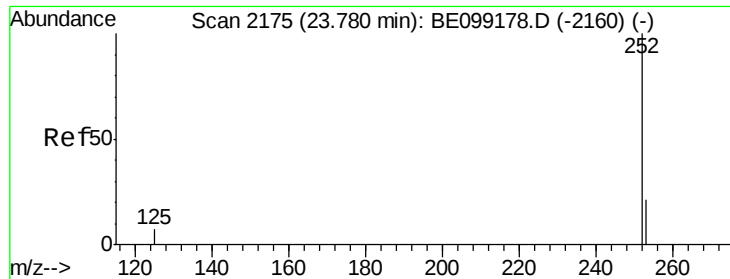
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#36
Benzo(k)fluoranthene
Concen: 0.848 ng
RT: 23.17 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BE099179.D
Acq: 25 Mar 2019 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	7.1	5.9	8.9





#37

Benzo(a)pyrene

Concen: 0.784 ng

RT: 23.78 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

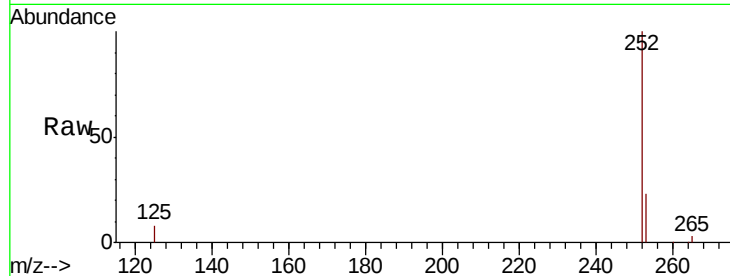
ClientSampleId :

SSTDIC0.8

Tot Ion:	252	Resp:	90196
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	7.7	6.8	10.2

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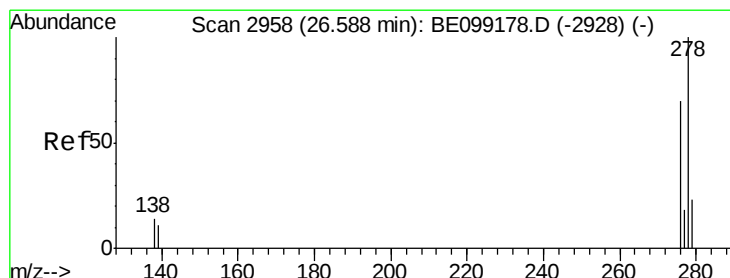
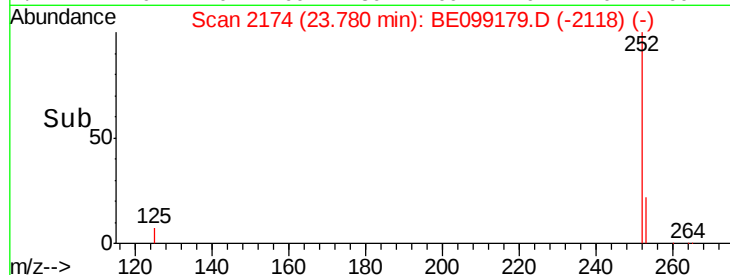
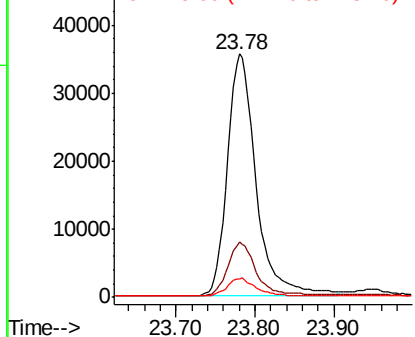


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.716 ng

RT: 26.58 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

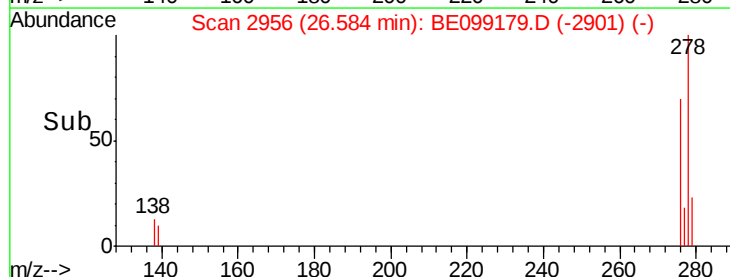
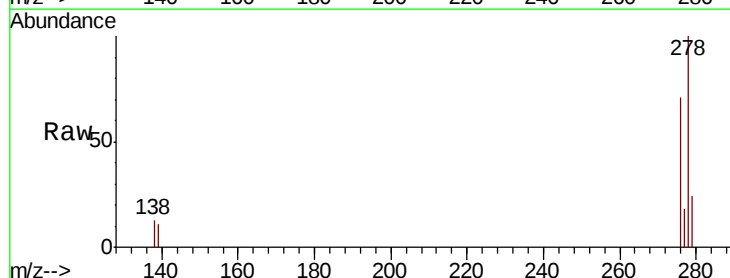
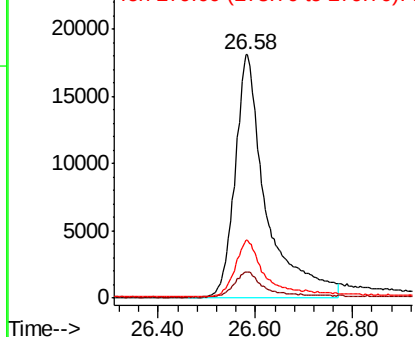
Tgt Ion:	278	Resp:	80126
Ion Ratio	Lower	Upper	
278	100		
139	10.7	9.5	14.3
279	23.9	19.1	28.7

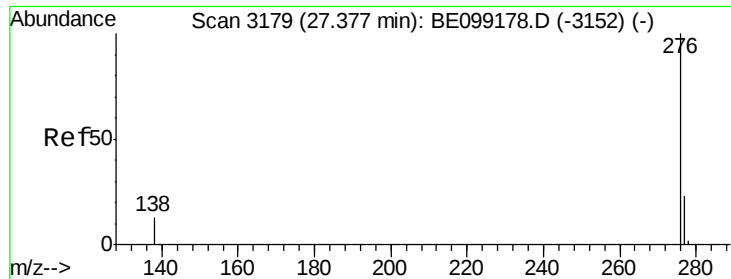
Abundance

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: 0.702 ng

RT: 27.37 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BE099179.D

Acq: 25 Mar 2019 12:28

Instrument :

BNA_E

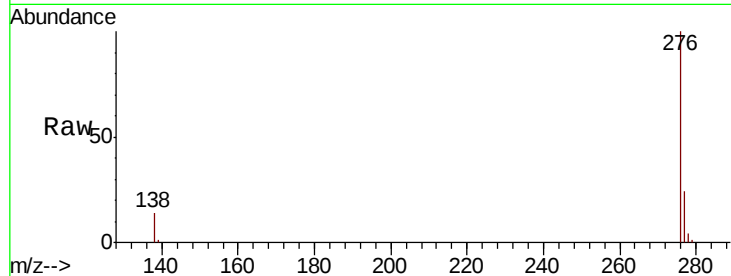
ClientSampleId :

SSTDICC0.8

Tot Ion:	276	Resp:	80626
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.0	28.4
138	14.2	11.1	16.7

Manual Integrations
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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

