

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099217.D
 Acq On : 26 Mar 2019 16:15
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
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 3/26/2019 6:17:40 PM

Quant Time: Mar 26 17:03:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	4729	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	21591	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	15368	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	40924	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	46973	0.40	ng	-0.01
34) Perylene-d12	23.89	264	46035	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	4838	0.34	ng	0.00
5) Phenol-d6	6.99	99	7432	0.34	ng	0.00
8) Nitrobenzene-d5	8.99	82	6250	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	14306	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	2124	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	22184	0.35	ng	0.00
25) Fluoranthene-d10	19.23	212	175779	0.35	ng	0.00
29) Terphenyl-d14	19.83	244	34287	0.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	2032	0.326	ng	# 93
3) n-Nitrosodimethylamine	3.66	42	1104	0.316	ng	# 90
6) bis(2-Chloroethyl)ether	7.25	93	5954	0.351	ng	97
9) Naphthalene	10.68	128	88393	0.347	ng	100
10) Hexachlorobutadiene	10.95	225	4832	0.356	ng	97
12) 2-Methylnaphthalene	12.30	142	15924	0.350	ng	99
16) Acenaphthylene	14.20	152	27273	0.348	ng	99
17) Acenaphthene	14.54	154	16558	0.353	ng	98
18) Fluorene	15.51	166	22719	0.345	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	8519	0.323	ng	# 75
21) Hexachlorobenzene	16.51	284	8496	0.333	ng	99
22) Pentachlorophenol	16.85	266	1810	0.702	ng	# 85
23) Phenanthrene	17.26	178	40672	0.338	ng	100
24) Anthracene	17.34	178	36269	0.334	ng	100
26) Fluoranthene	19.26	202	52150	0.340	ng	100
28) Pyrene	19.63	202	53517	0.343	ng	100
30) Benzo(a)anthracene	21.37	228	53057	0.342	ng	99
31) Chrysene	21.41	228	56543	0.341	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	65713	0.355	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	48652	0.310	ng	# 57
35) Benzo(b)fluoranthene	23.12	252	49665m	0.328	ng	
36) Benzo(k)fluoranthene	23.17	252	57683	0.360	ng	100
37) Benzo(a)pyrene	23.78	252	48693	0.344	ng	99
38) Dibenzo(a,h)anthracene	26.58	278	36935	0.294	ng	# 93
39) Benzo(g,h,i)perylene	27.37	276	37799	0.300	ng	99

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

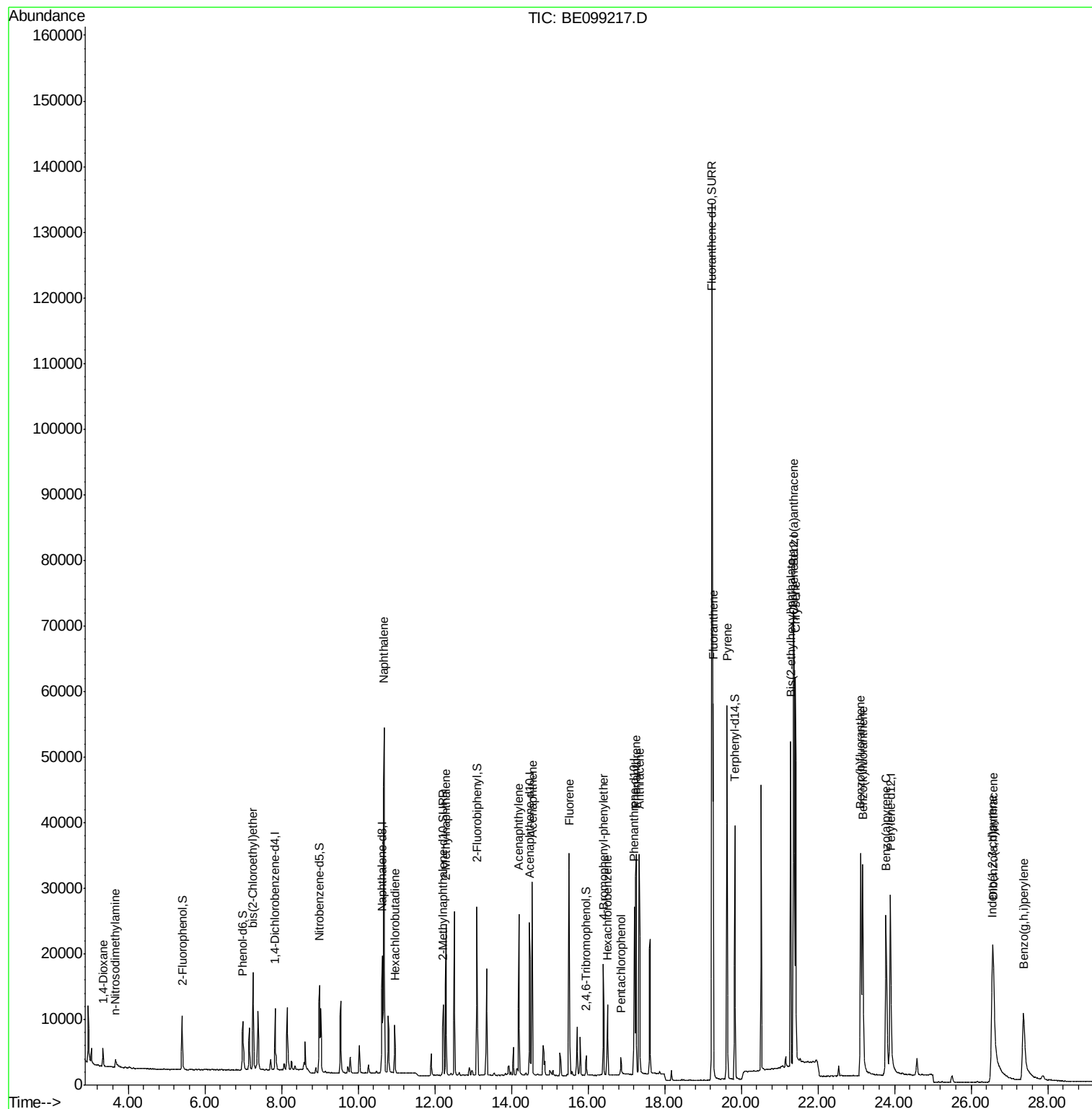
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099217.D
Acq On : 26 Mar 2019 16:15
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

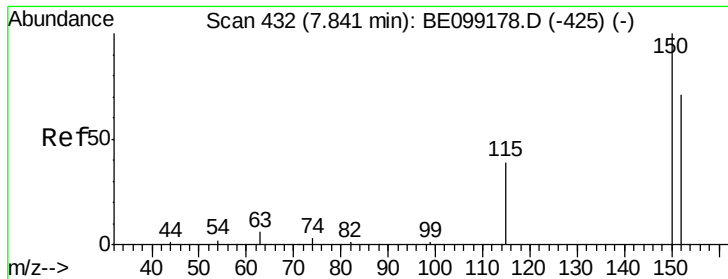
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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#1

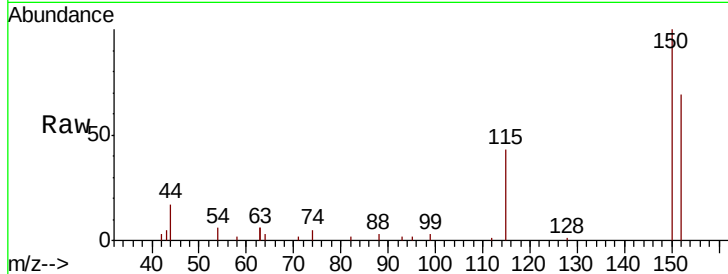
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	112.8	169.2
115	62.6	45.1	67.7

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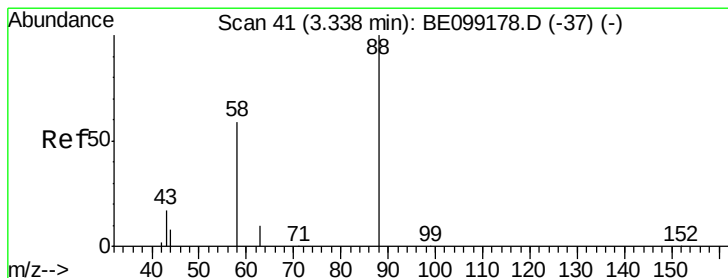
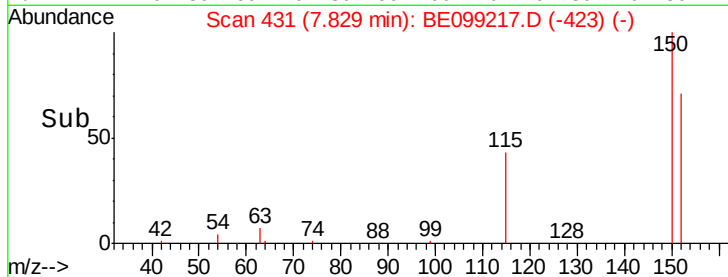
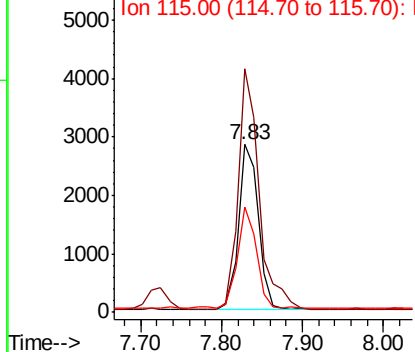


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

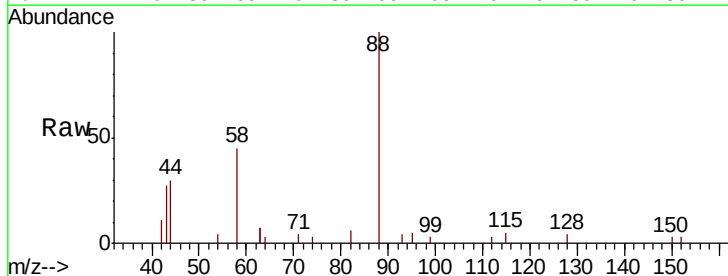
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.326 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.5	47.4	71.0
43	26.0	15.6	23.4

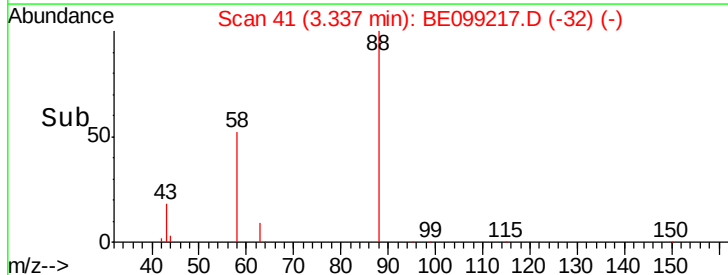
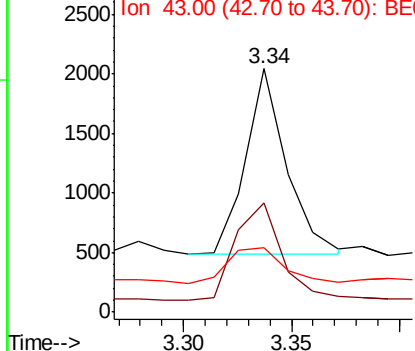


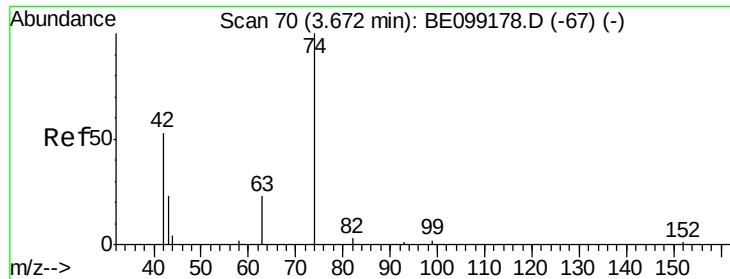
Abundance

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

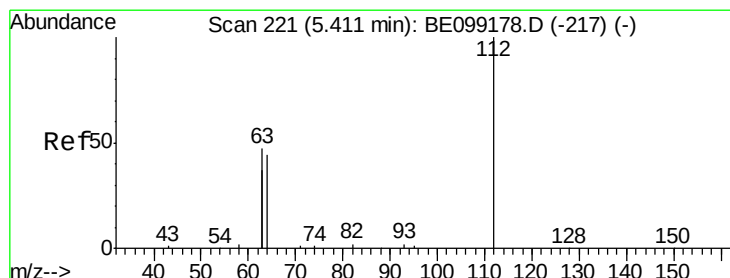
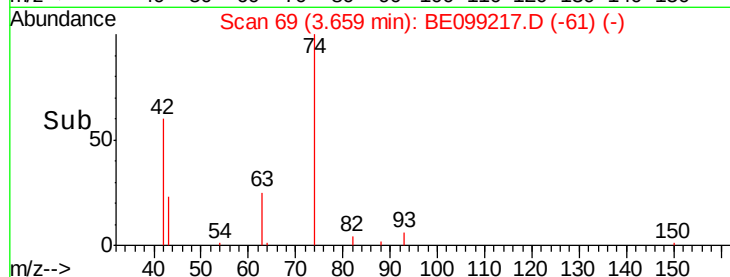
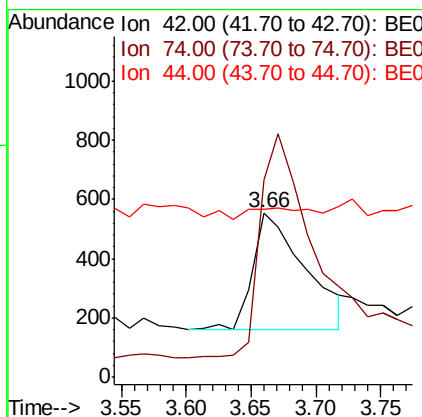
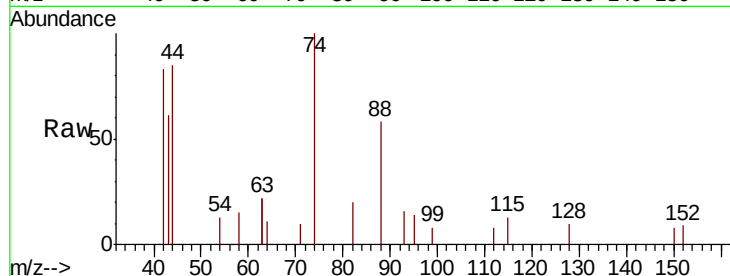
n-Nitrosodimethylamine
Concen: 0.316 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
42	100		
74	186.1	138.6	207.8
44	11.7	15.0	22.6

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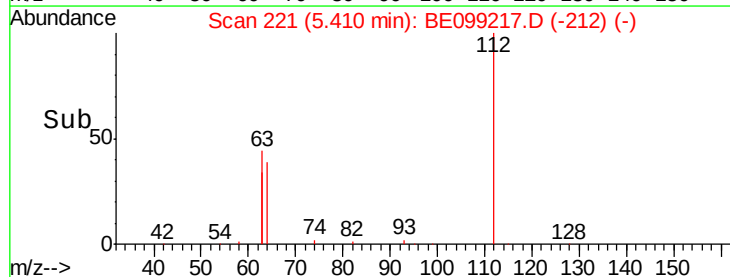
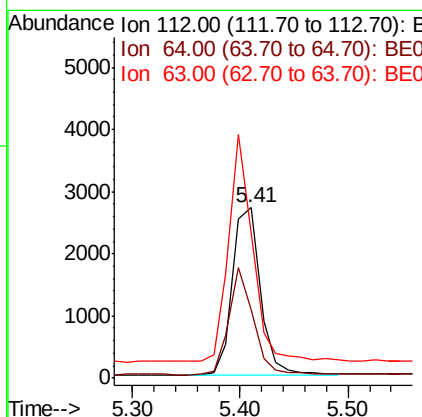
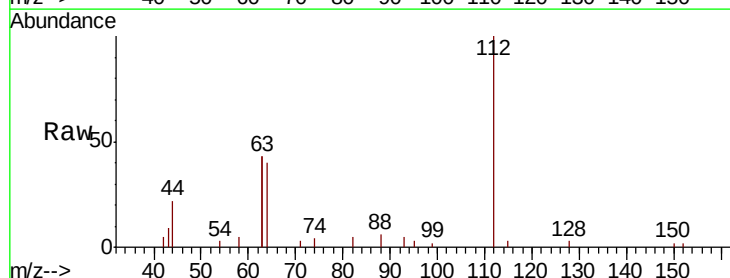
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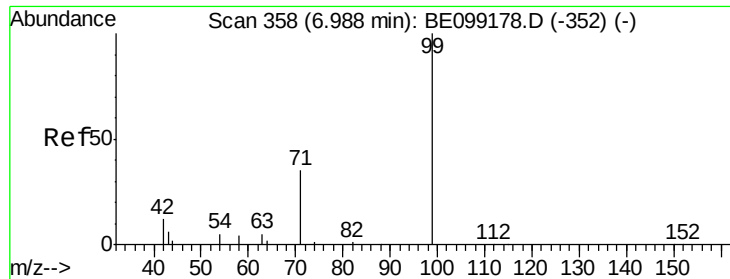


#4

2-Fluorophenol
Concen: 0.343 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.2	69.2
63	116.8	89.9	134.9





#5

Phenol-d6

Concen: 0.344 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

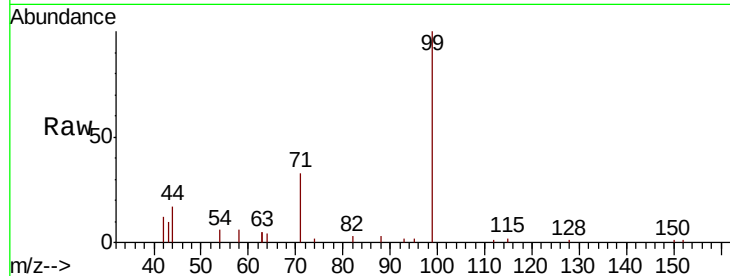
ClientSampleId :

SSTDCCC0.4EC

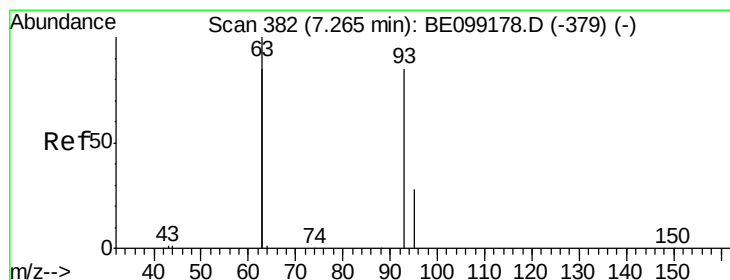
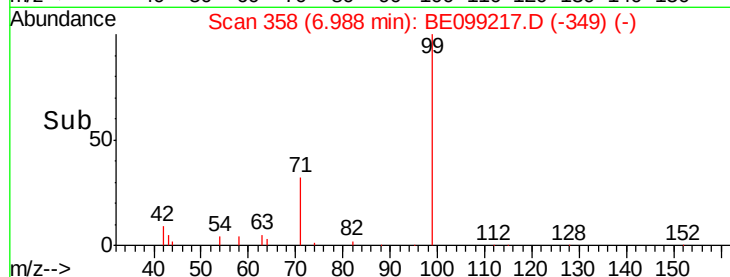
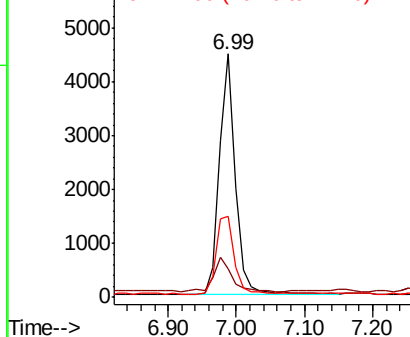
Tot Ion:	99	Resp:	7432
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.4	18.6
71	36.3	28.4	42.6

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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: 0.351 ng

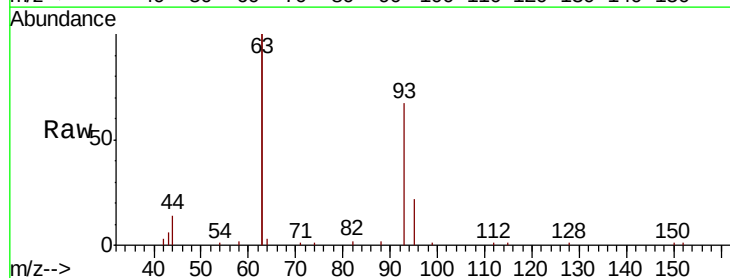
RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

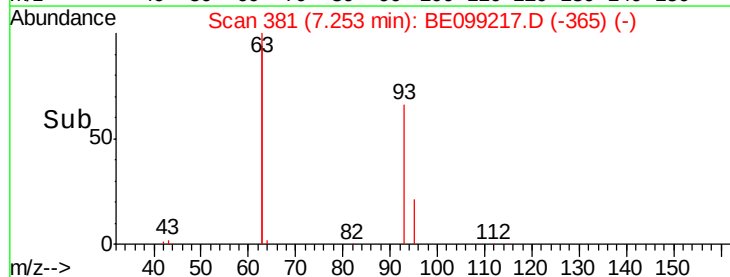
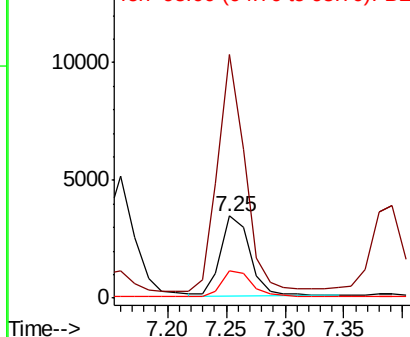
Lab File: BE099217.D

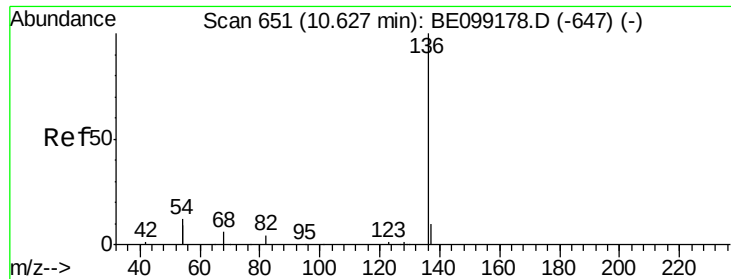
Acq: 26 Mar 2019 16:15

Tgt Ion:	93	Resp:	5954
Ion	Ratio	Lower	Upper
93	100		
63	271.4	221.4	332.0
95	31.9	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: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

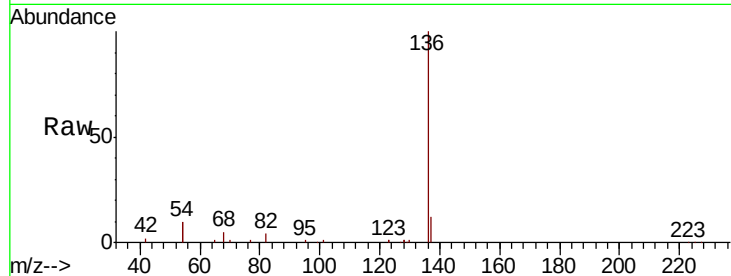
ClientSampleId :

SSTDCCC0.4EC

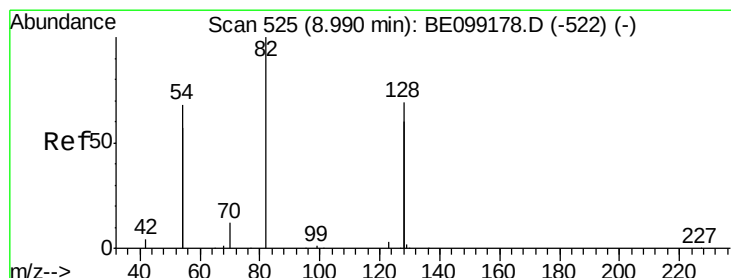
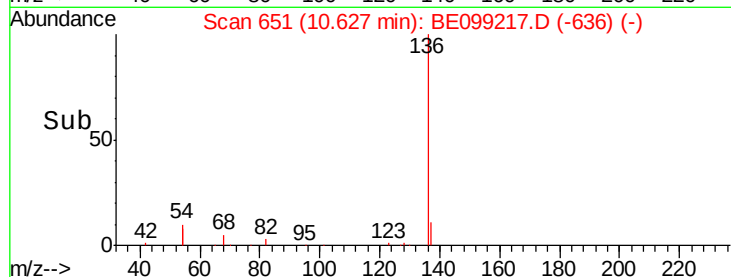
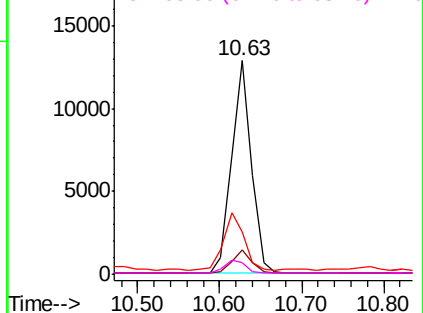
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	19.7	18.7	28.1
68	5.2	5.2	7.8

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Abundance Ion 136.00 (135.70 to 136.70): E
20000
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: 0.354 ng

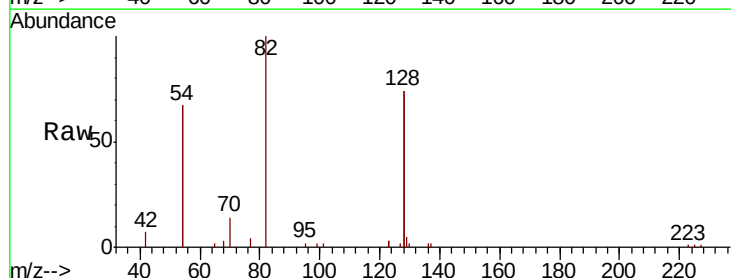
RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

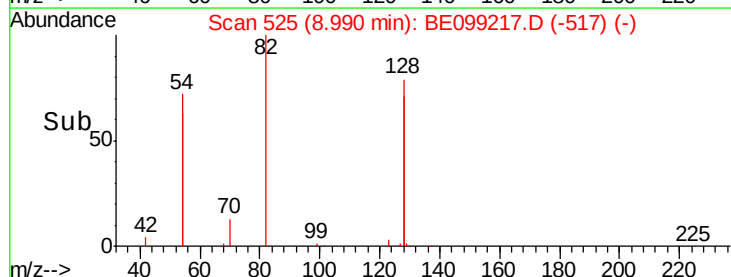
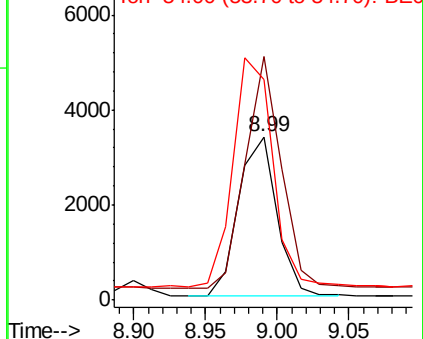
Lab File: BE099217.D

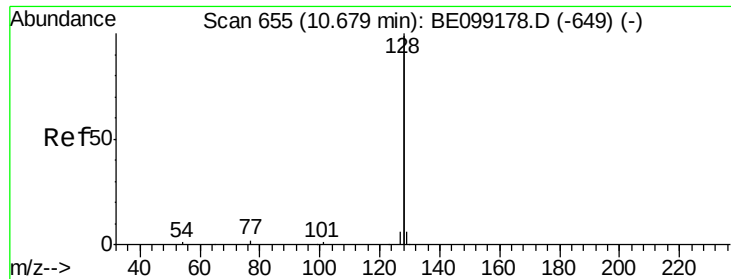
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	148.9	107.5	161.3
54	134.9	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: 0.347 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

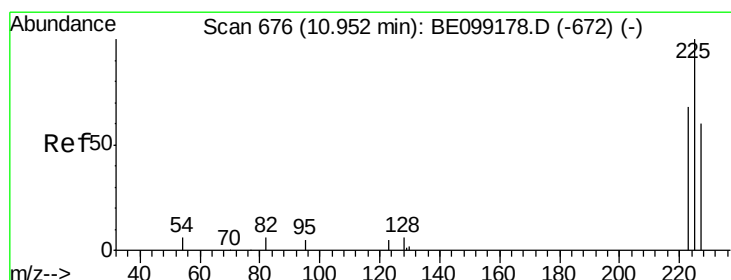
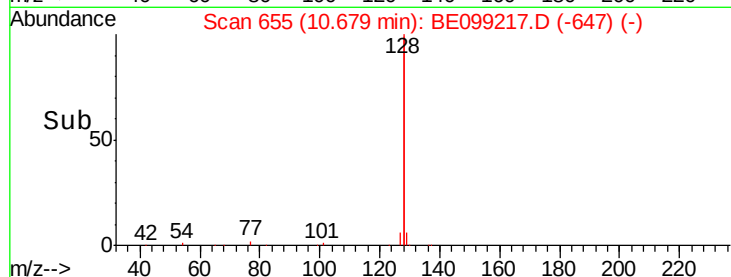
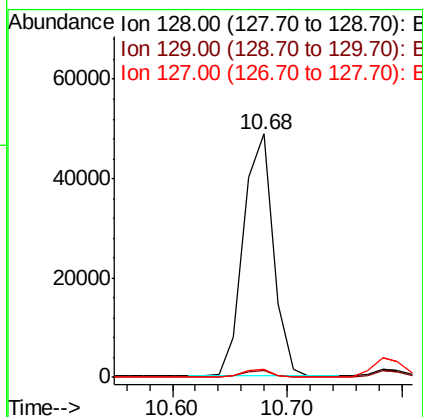
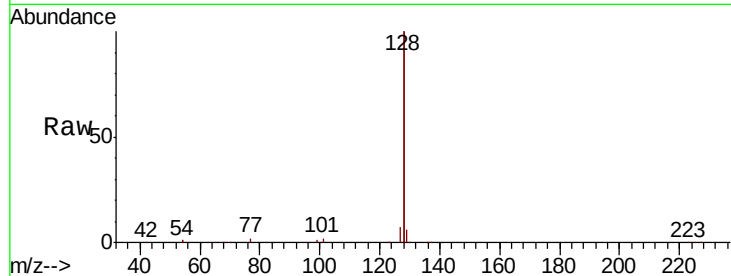
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	128	Resp:	88393
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.3	3.5
127	3.3	2.6	3.8

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#10

Hexachlorobutadiene

Concen: 0.356 ng

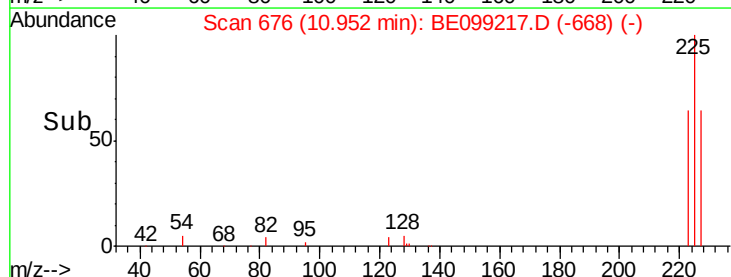
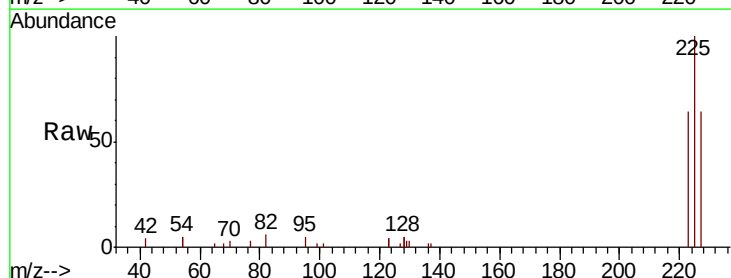
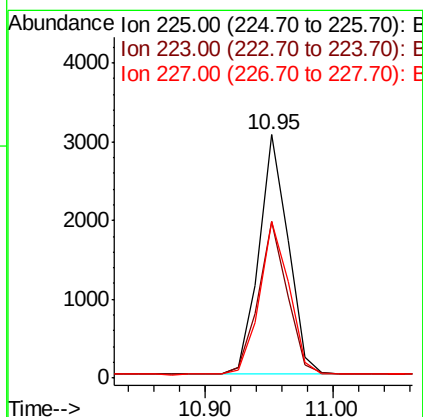
RT: 10.95 min Scan# 676

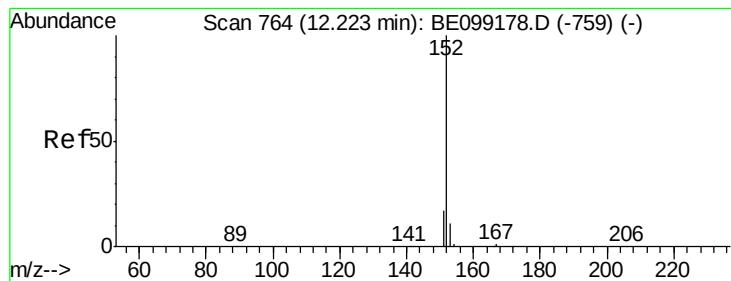
Delta R.T. 0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Tgt Ion:	225	Resp:	4832
Ion Ratio	Lower	Upper	
225	100		
223	63.8	51.3	76.9
227	64.6	48.6	73.0





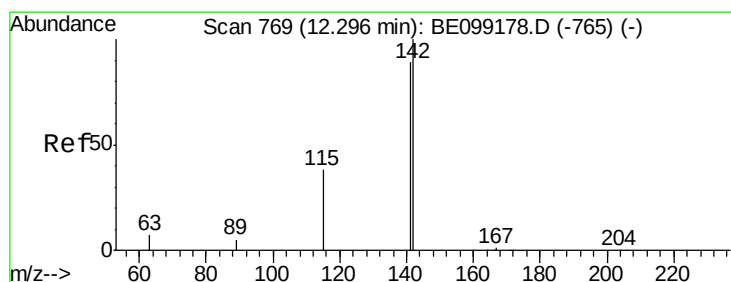
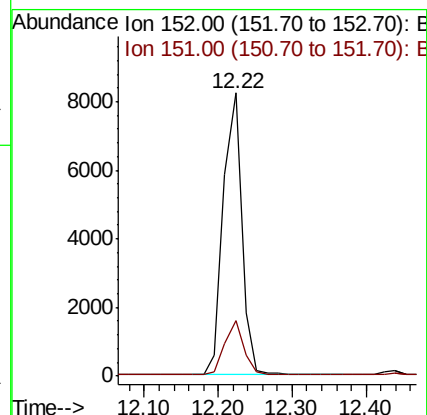
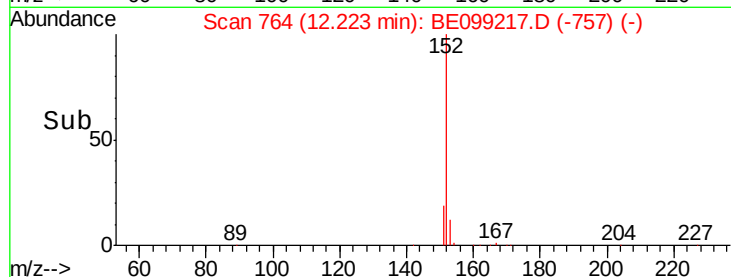
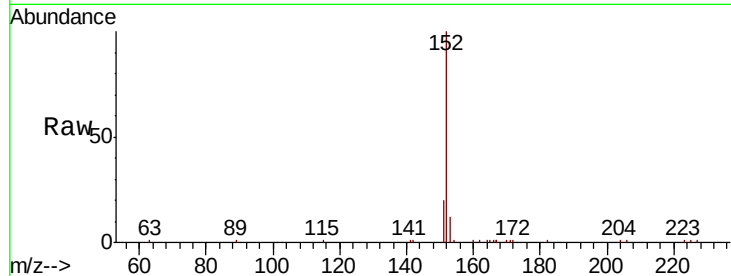
#11
 2-Methylnaphthalene-d10
 Concen: 0.344 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099217.D
 Acq: 26 Mar 2019 16:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6

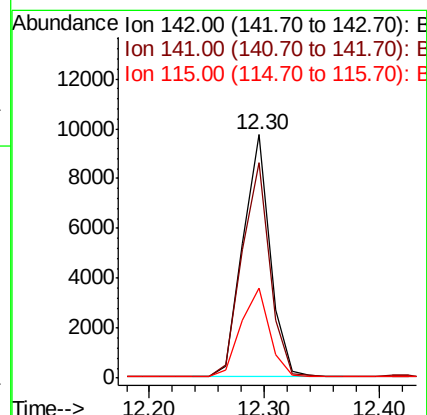
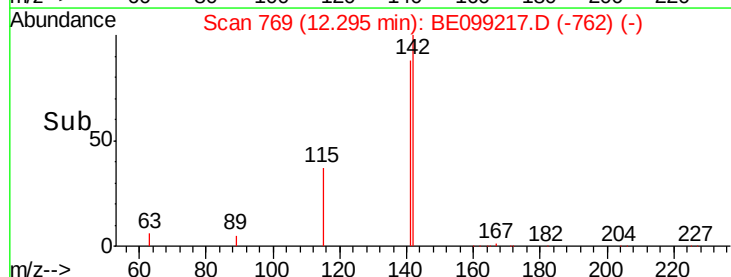
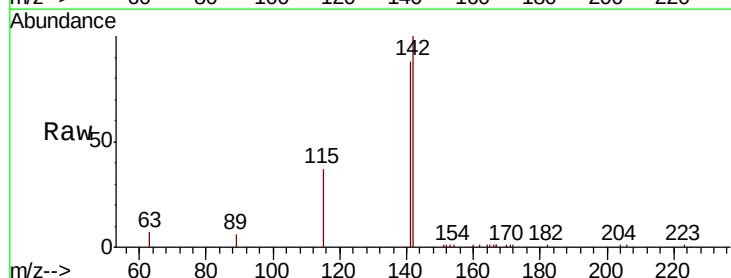
Manual Integrations
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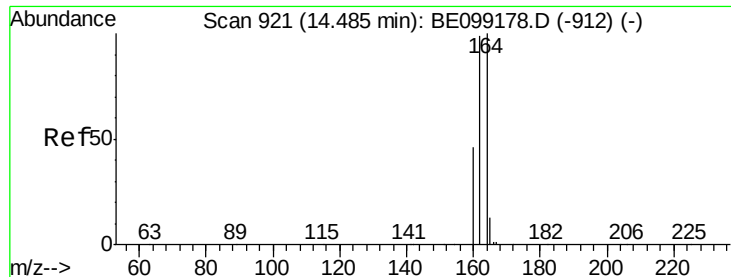
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#12
 2-Methylnaphthalene
 Concen: 0.350 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099217.D
 Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	37.2	30.4	45.6





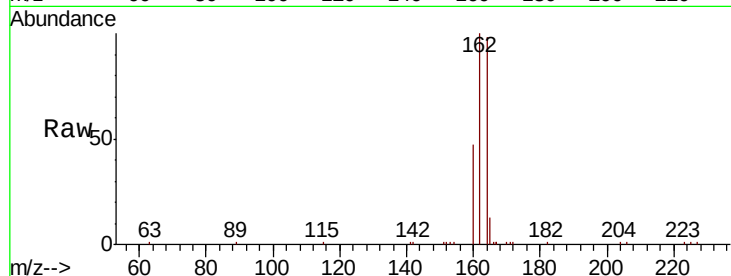
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.2	118.8
160	48.2	36.7	55.1

Manual Integrations
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Sohil
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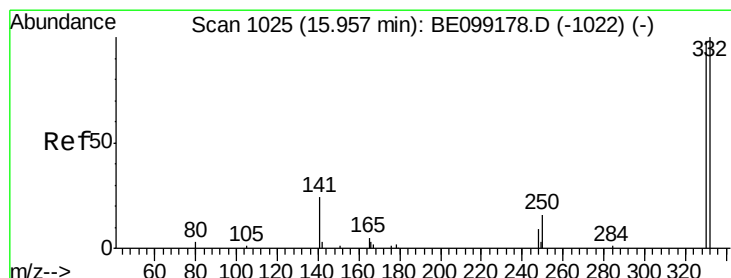
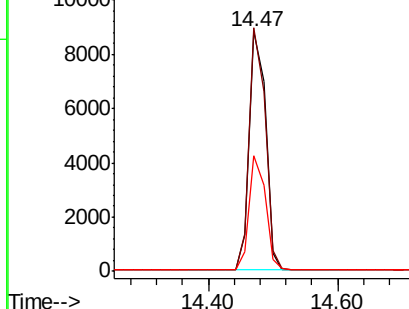
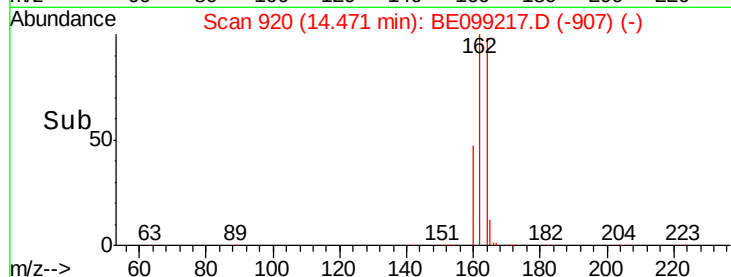


Abundance

Ion 164.00 (163.70 to 164.70): E

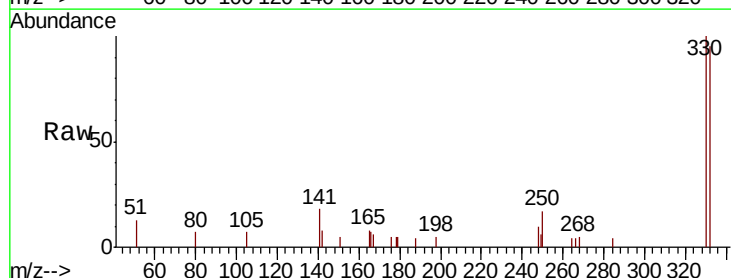
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.472 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.0	71.3	106.9
141	32.1	21.7	32.5

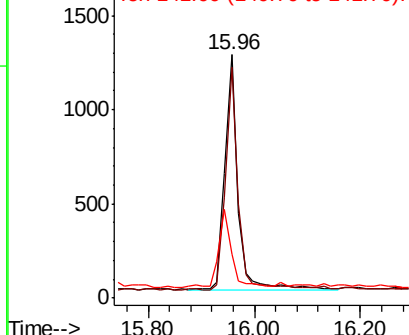
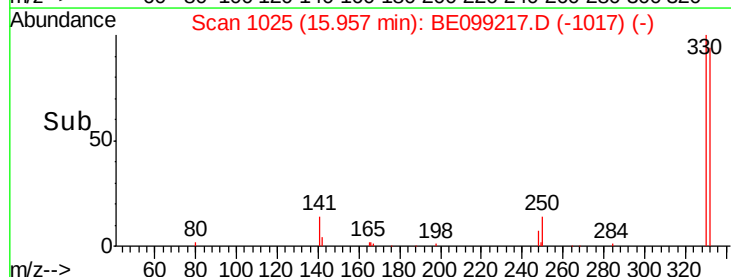


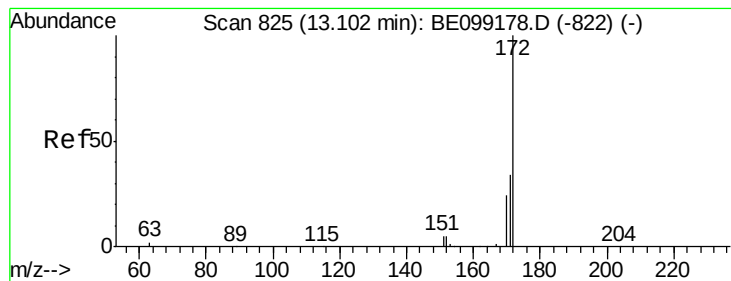
Abundance

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





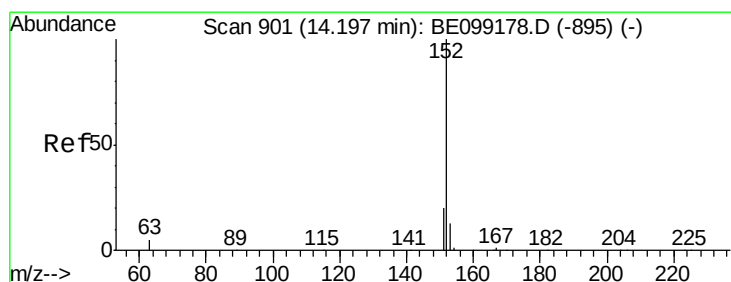
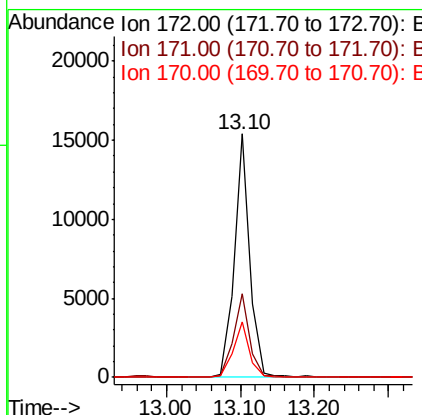
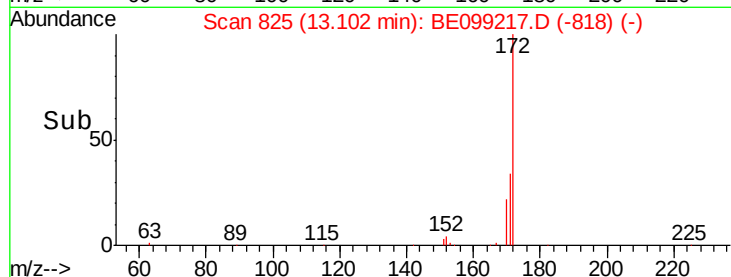
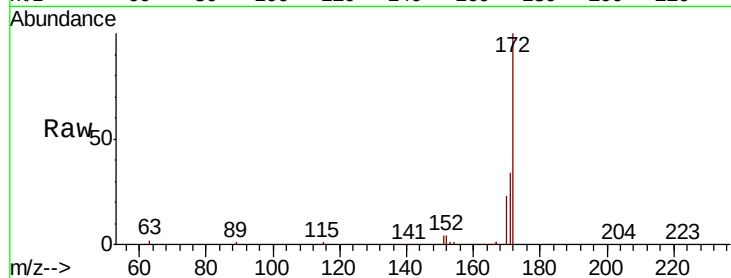
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	22.6	19.1	28.7

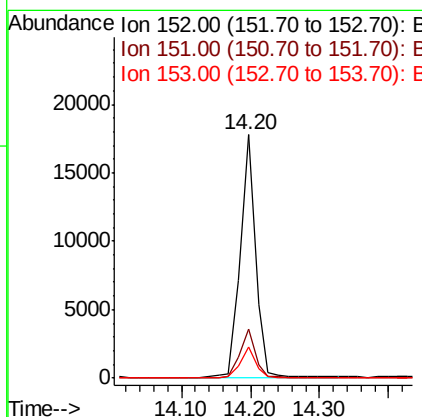
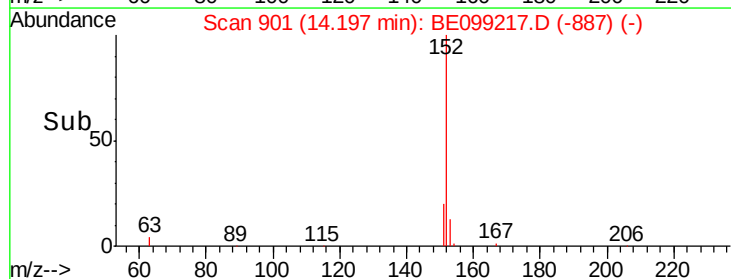
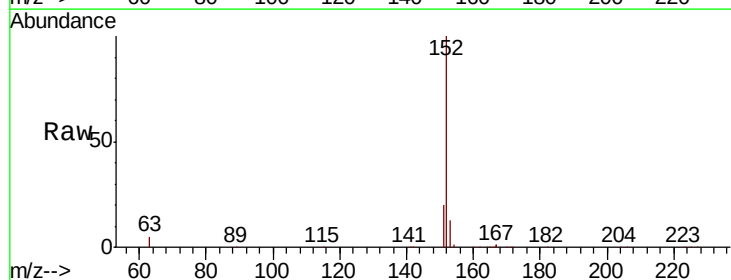
Manual Integrations
APPROVED

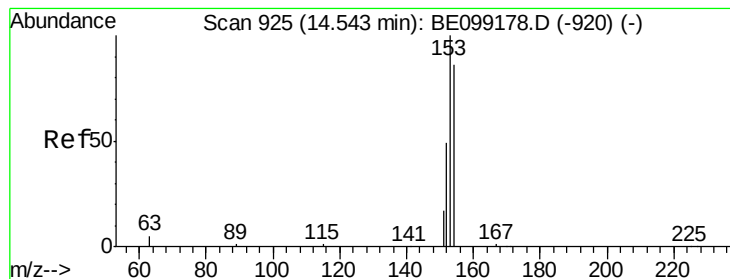
Sohil
3/26/2019 6:17:40 PM



#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.6	10.6	15.8





#17

Acenaphthene

Concen: 0.353 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

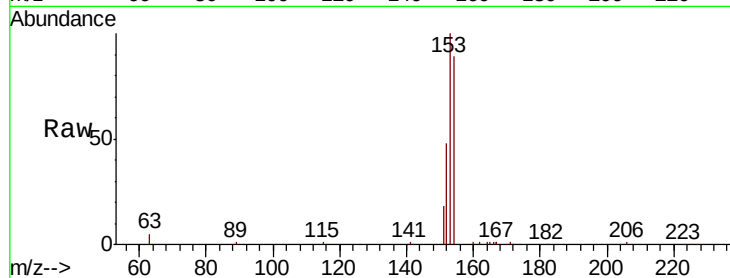
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	154	Resp:	16558
Ion Ratio	Lower	Upper	
154	100		
153	114.7	93.4	140.0
152	56.7	46.6	69.8

Manual Integrations
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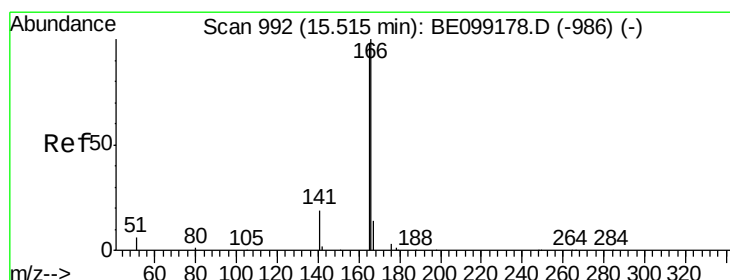
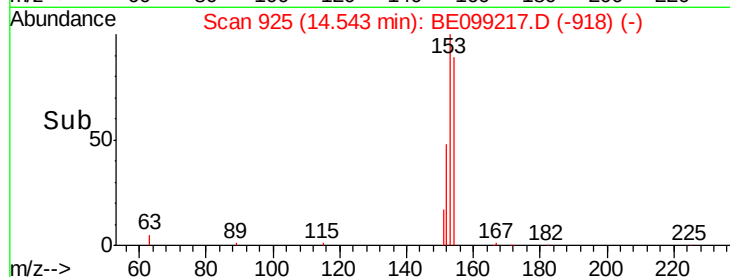
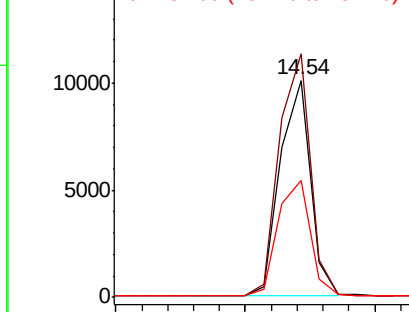


Abundance

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: 0.345 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

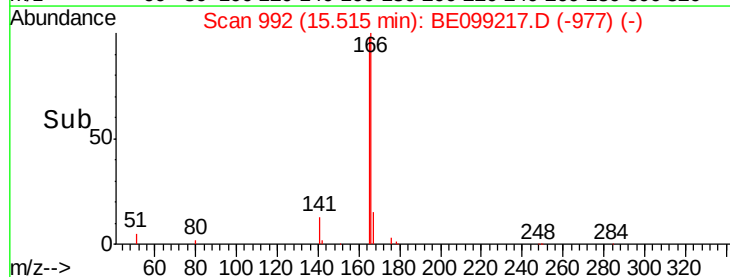
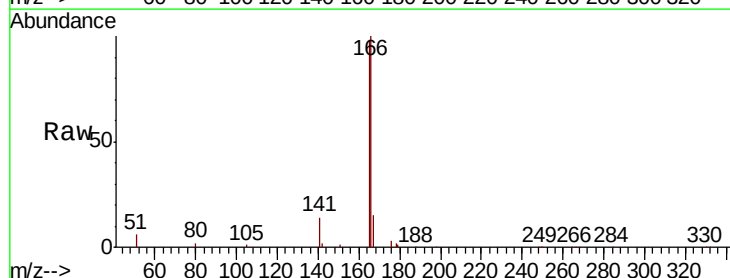
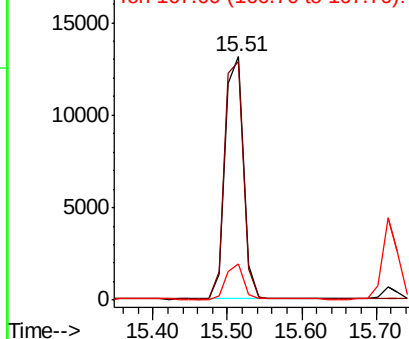
Tgt Ion:	166	Resp:	22719
Ion Ratio	Lower	Upper	
166	100		
165	100.7	78.9	118.3
167	13.7	10.9	16.3

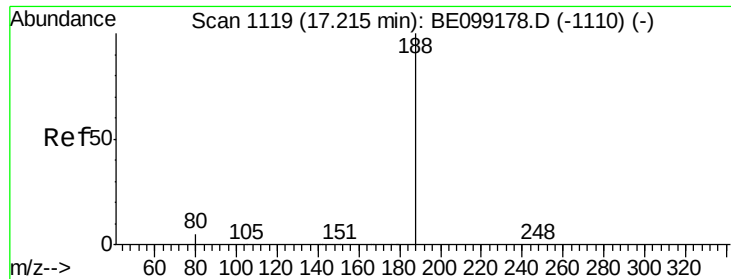
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





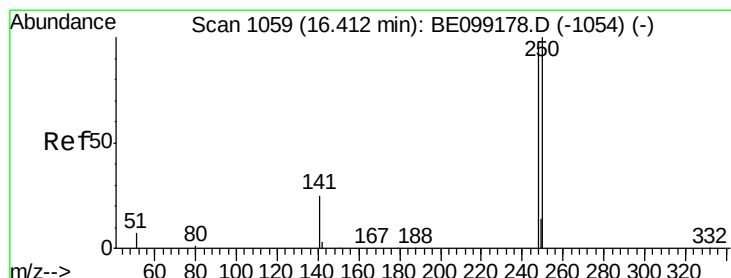
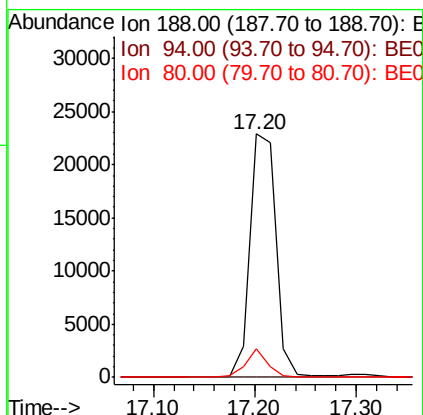
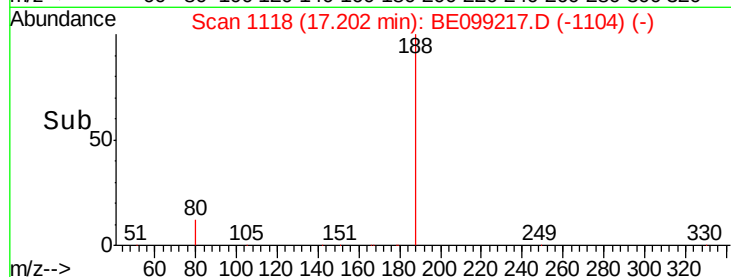
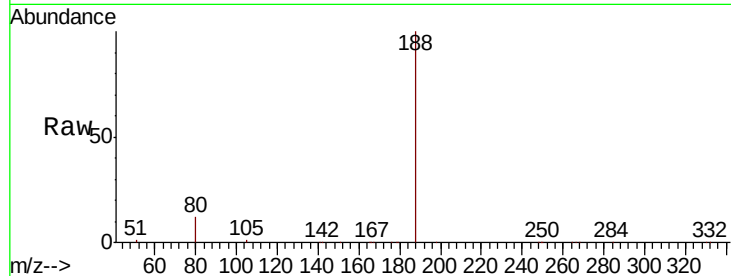
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	0.0	0.0	
80	11.8	4.5	6.7	

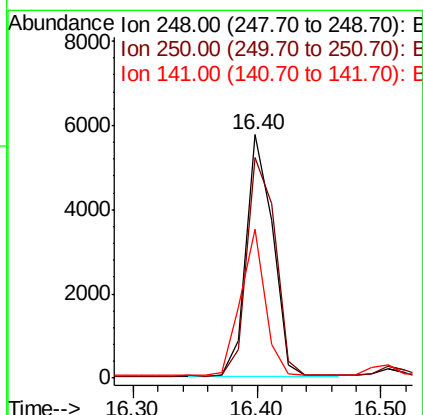
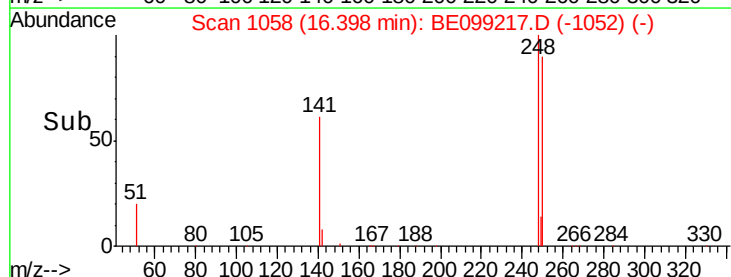
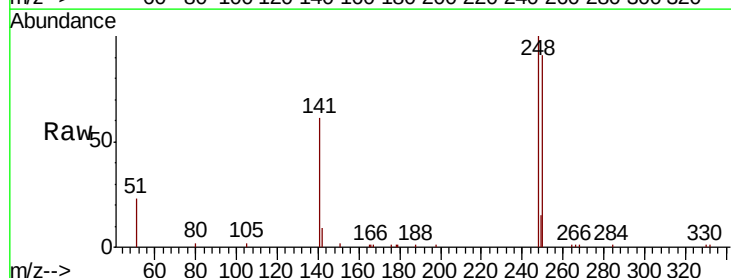
Manual Integrations
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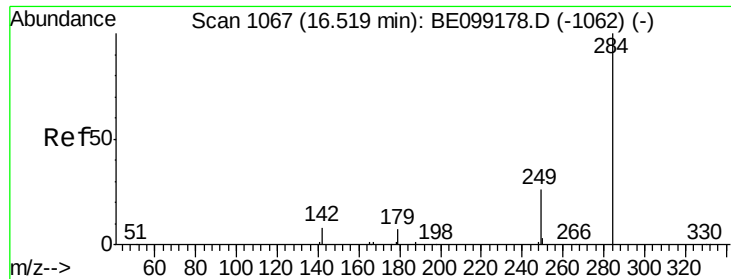
Sohil
3/26/2019 6:17:40 PM



#20
4-Bromophenyl-phenylether
Concen: 0.323 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	90.5	84.2	126.2	
141	61.2	21.8	32.6	





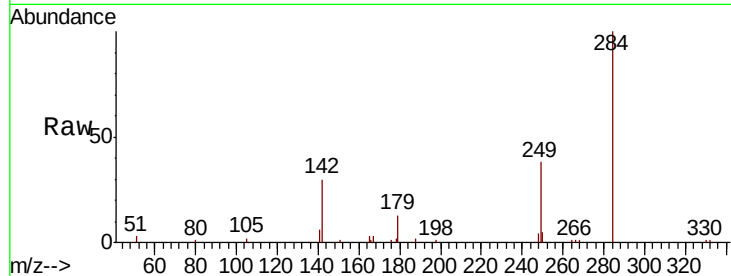
#21
Hexachlorobenzene
Concen: 0.333 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.1	22.7	34.1
249	34.5	26.9	40.3

Manual Integrations
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Sohil
3/26/2019 6:17:40 PM

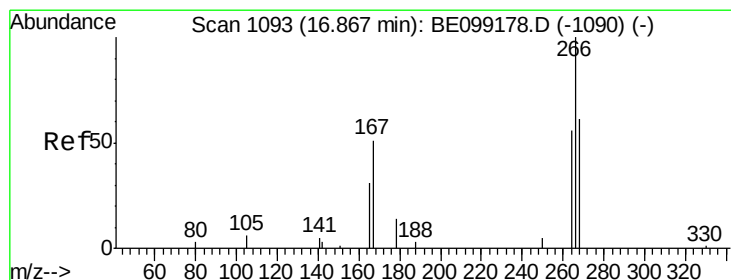
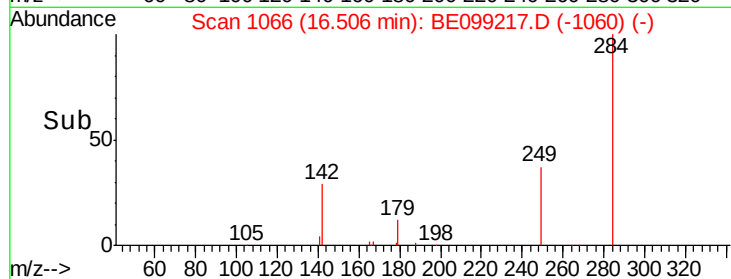
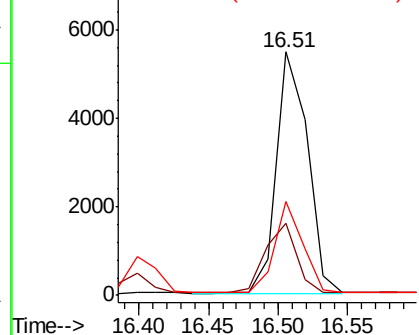


Abundance

Ion 283.80 (283.50 to 284.50): E

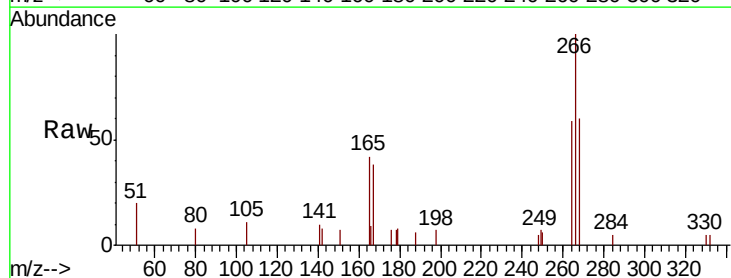
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.702 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.1	54.4	81.6
268	60.1	61.3	91.9#

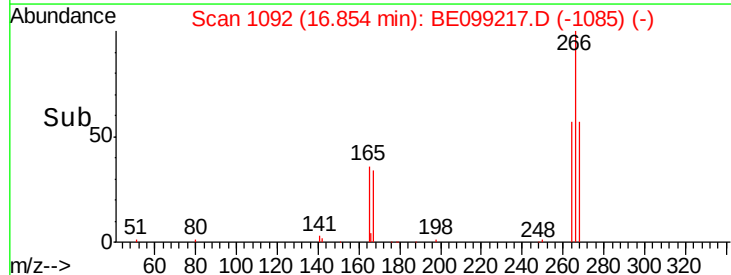
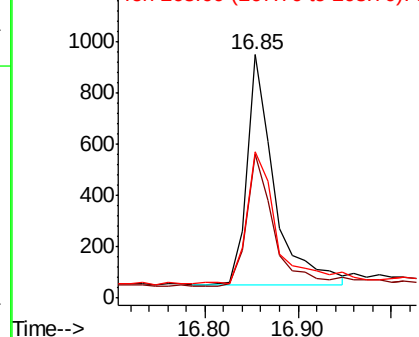


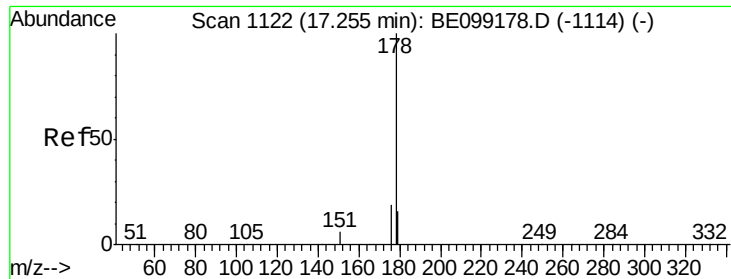
Abundance

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





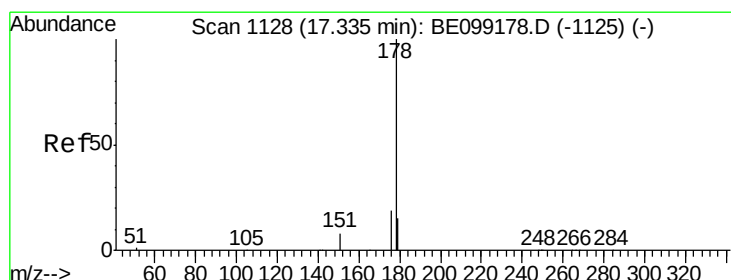
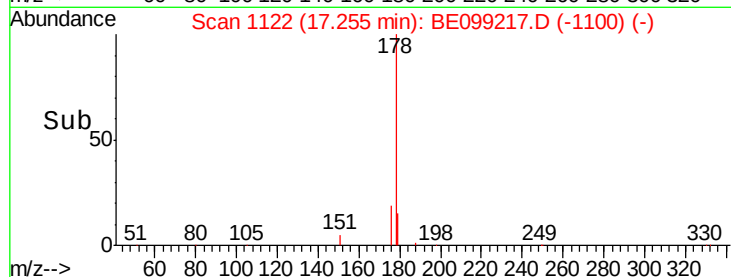
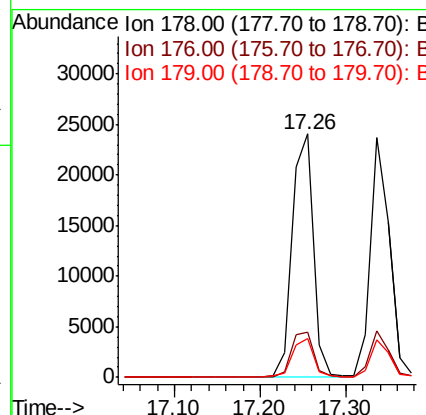
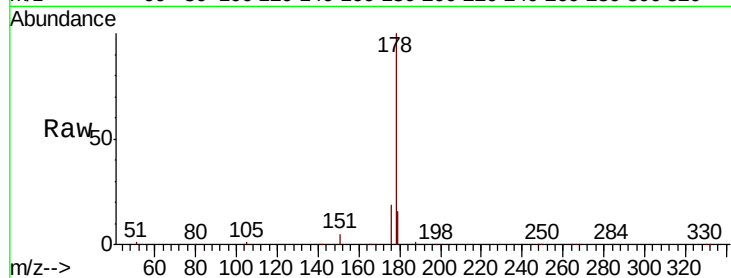
#23
Phenanthrene
Concen: 0.338 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.3	18.5

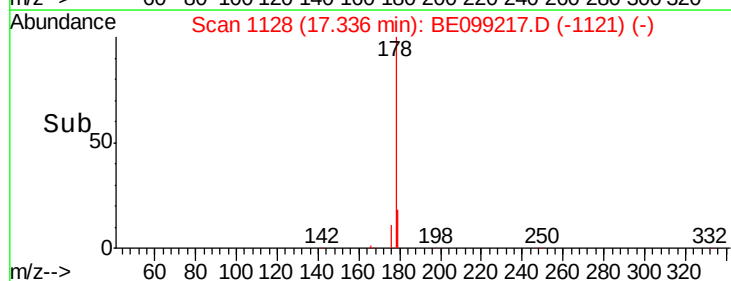
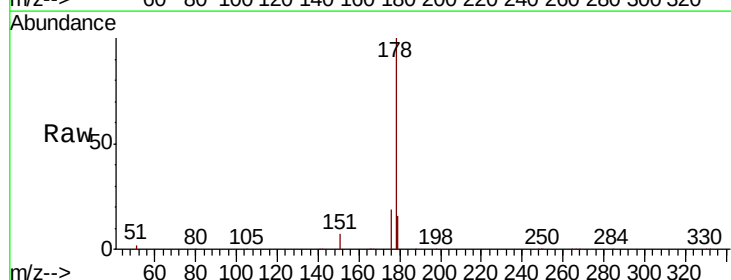
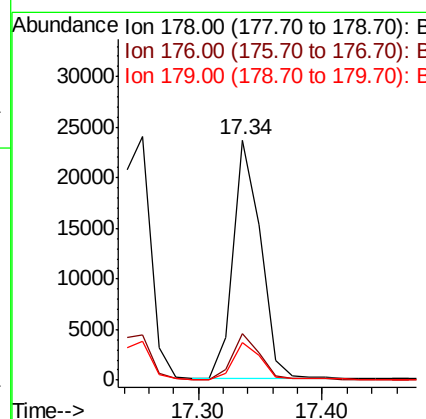
Manual Integrations
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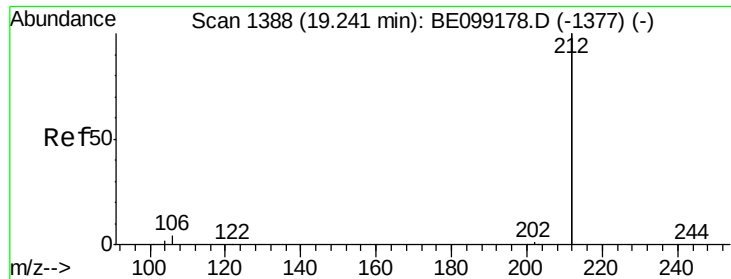
Sohil
3/26/2019 6:17:40 PM



#24
Anthracene
Concen: 0.334 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.5	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.23 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

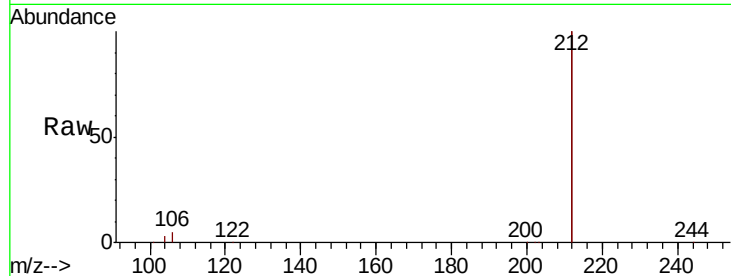
ClientSampleId :

SSTDCCC0.4EC

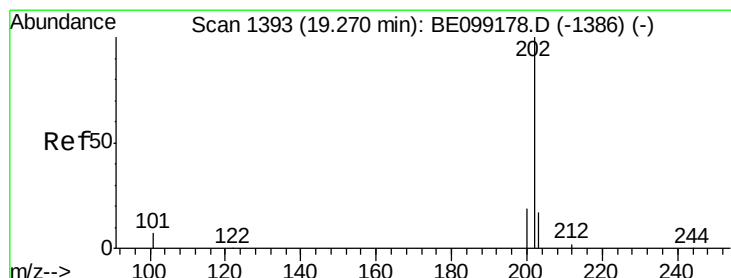
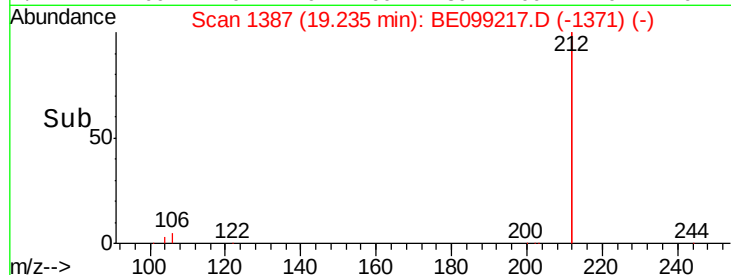
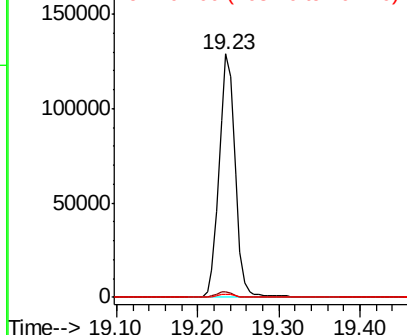
Tot Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.1	1.7

Manual Integrations
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3/26/2019 6:17:40 PM



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: 0.340 ng

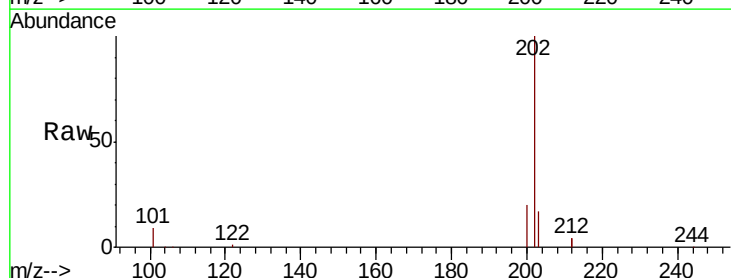
RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

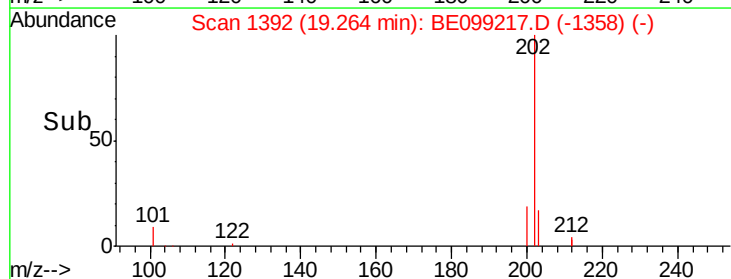
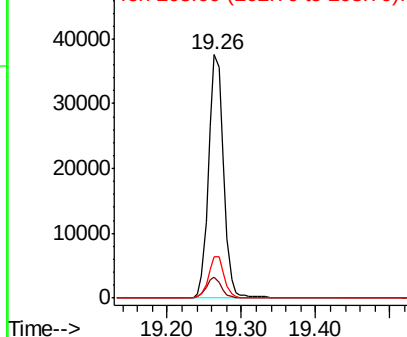
Lab File: BE099217.D

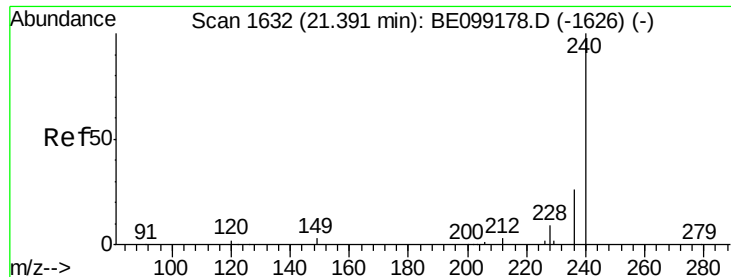
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:240 Resp: 46973

Ion Ratio Lower Upper

240 100

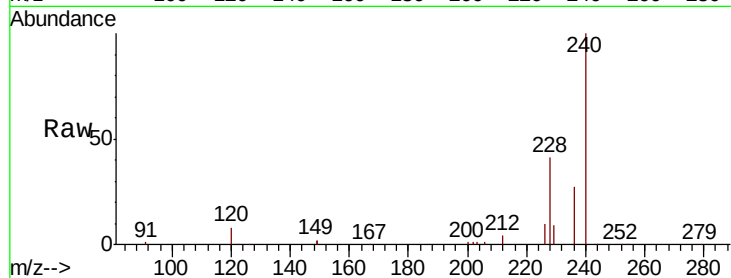
120 7.9 2.6 3.8#

236 27.1 20.9 31.3

Manual Integrations
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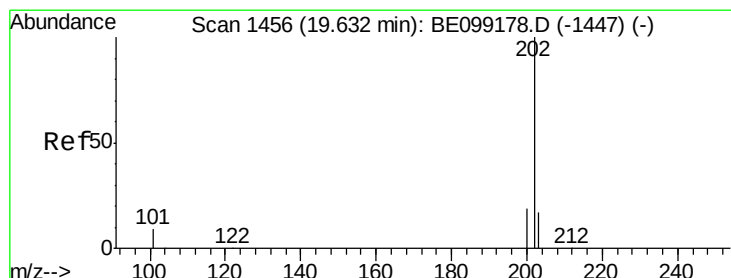
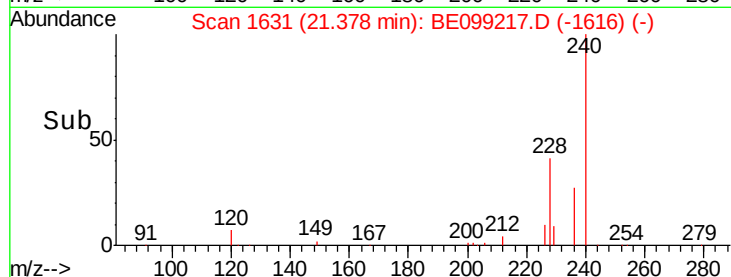
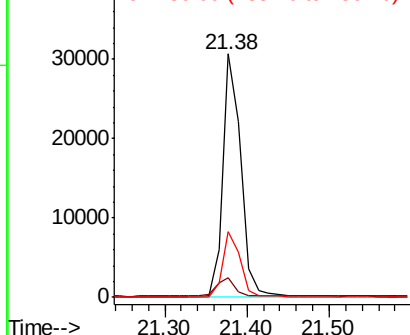


Abundance

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: 0.343 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

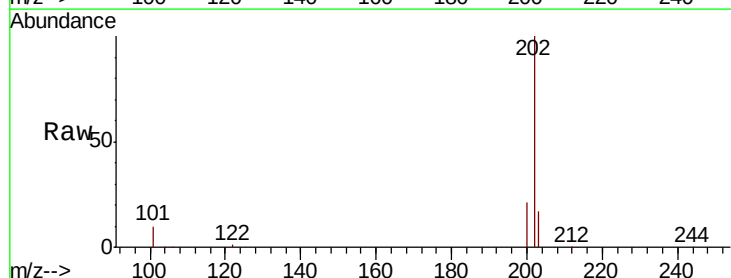
Tgt Ion:202 Resp: 53517

Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

203 17.4 14.1 21.1

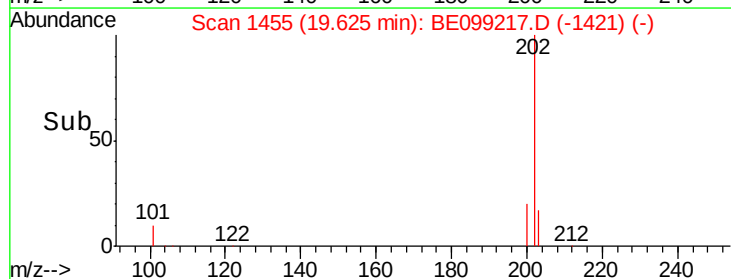
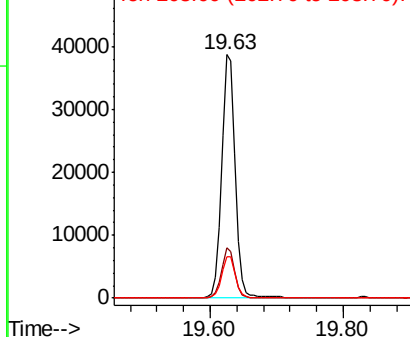


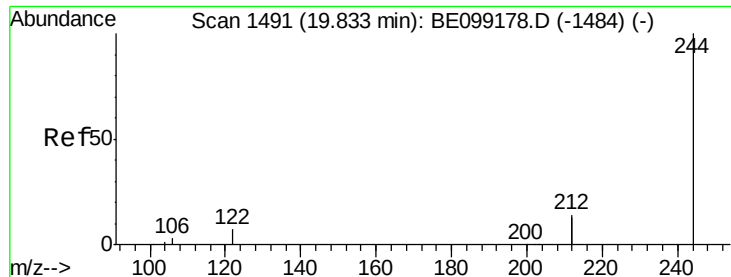
Abundance

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





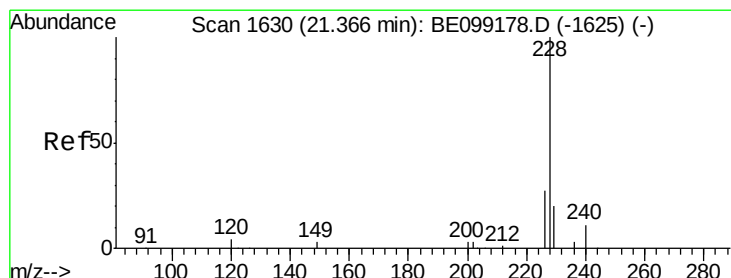
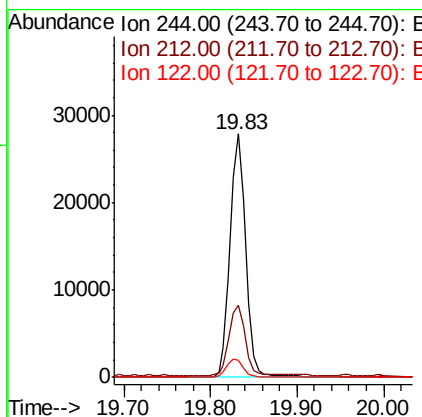
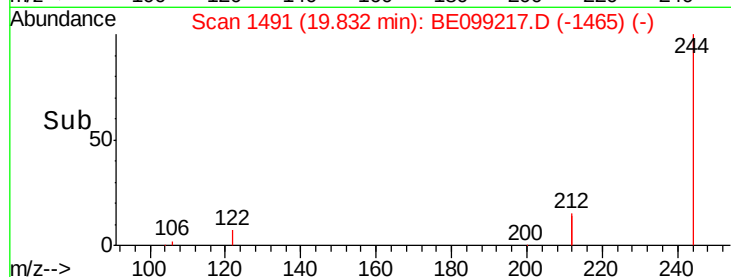
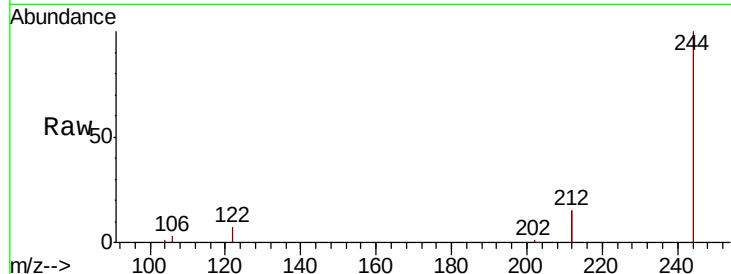
#29
 Terphenyl-d14
 Concen: 0.336 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: BE099217.D
 Acq: 26 Mar 2019 16:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.9	22.7	34.1
122	6.9	5.8	8.6

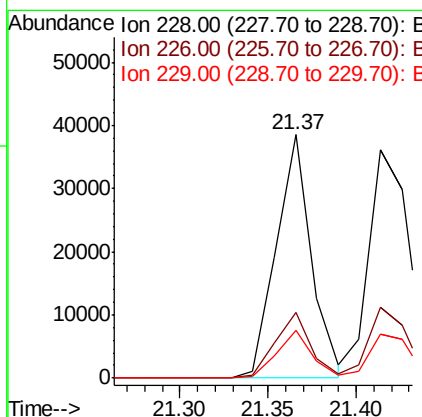
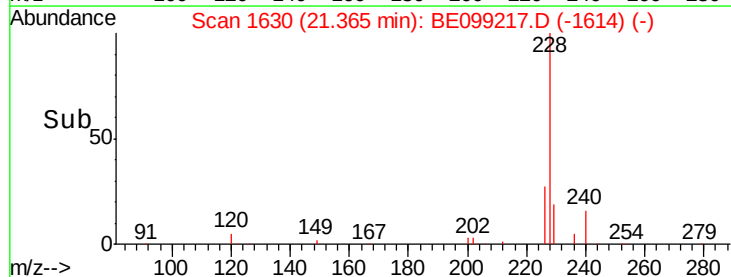
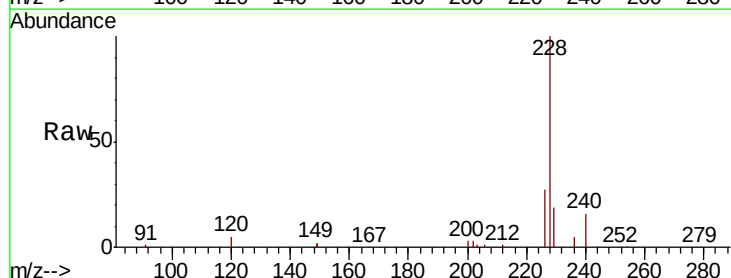
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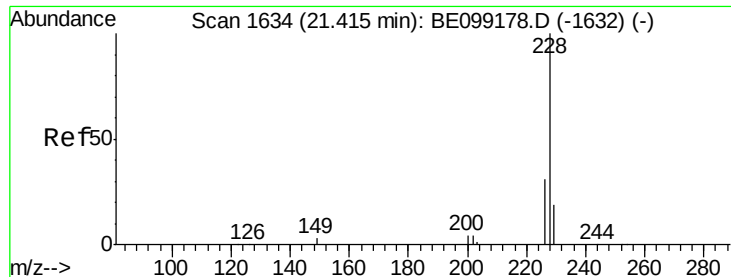
Sohil
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#30
 Benzo(a)anthracene
 Concen: 0.342 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099217.D
 Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.4	15.9	23.9





#31

Chrysene

Concen: 0.341 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

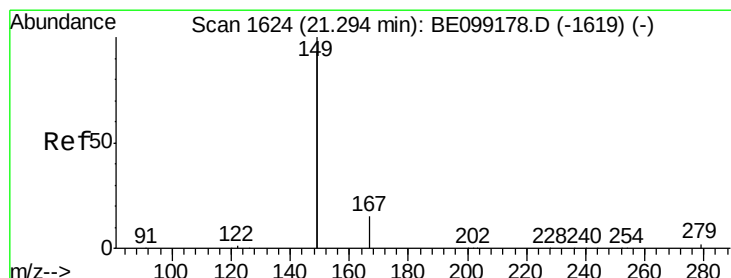
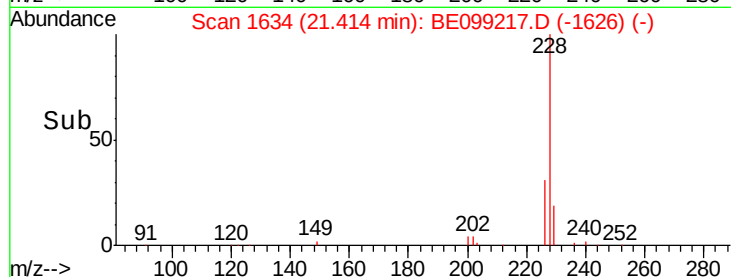
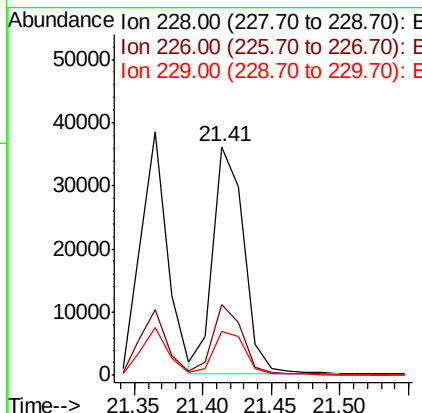
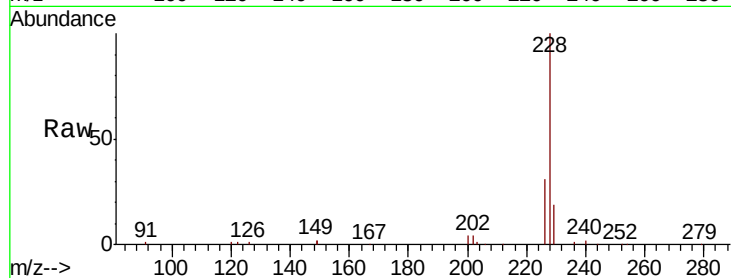
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	228	Resp:	56543
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.8	37.2
229	19.4	15.4	23.0

Manual Integrations
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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.355 ng

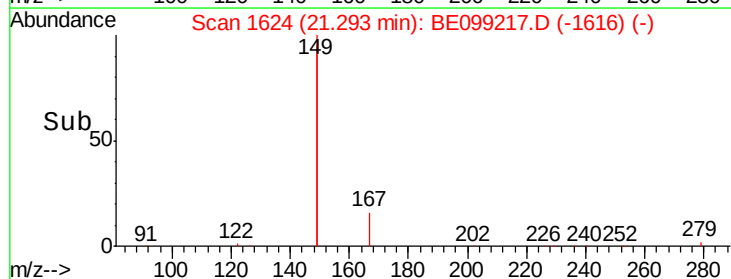
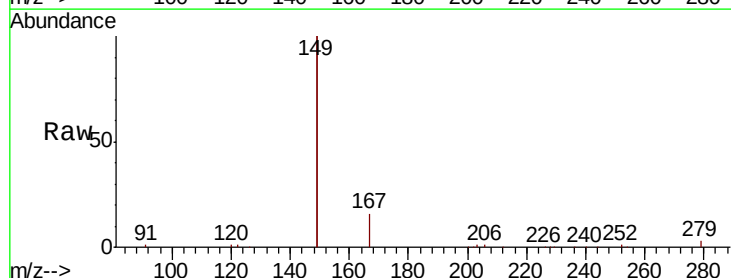
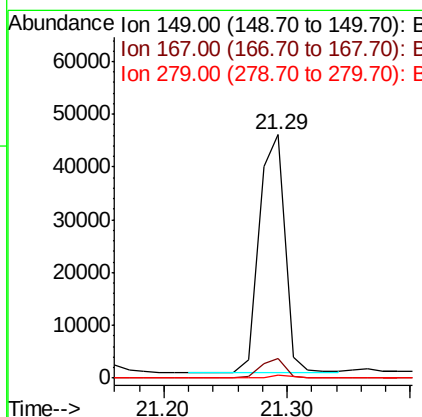
RT: 21.29 min Scan# 1624

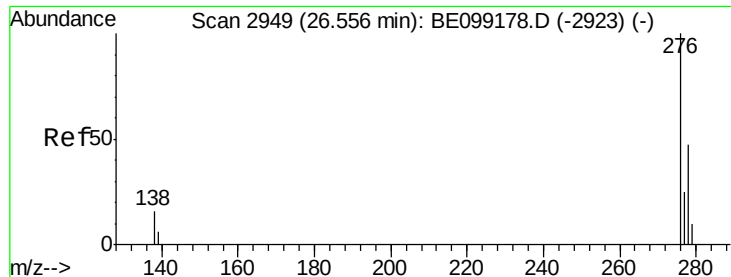
Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Tgt Ion:	149	Resp:	65713
Ion Ratio	Lower	Upper	
149	100		
167	7.4	5.9	8.9
279	1.1	1.0	1.6





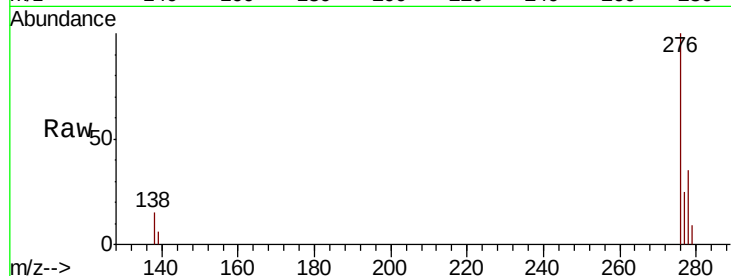
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.310 ng
 RT: 26.55 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BE099217.D
 Acq: 26 Mar 2019 16:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.9	19.3#
277	0.0	18.3	27.5#

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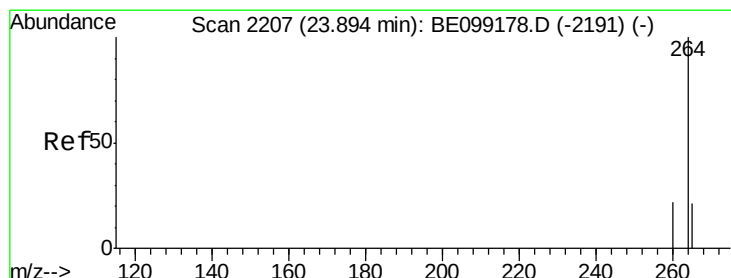
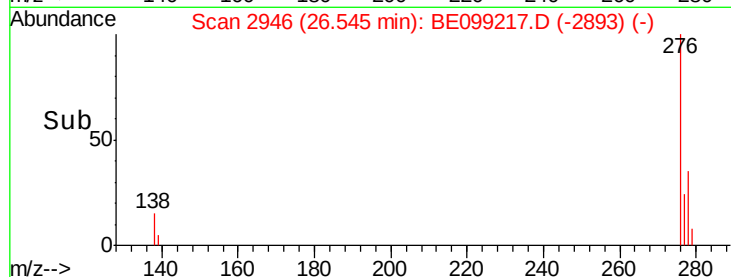
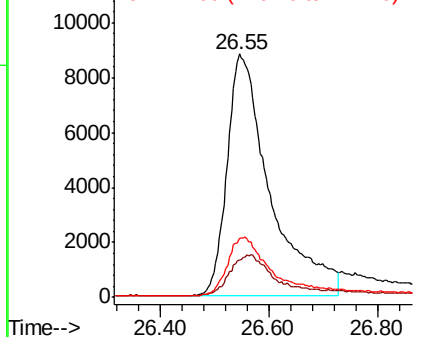


Abundance

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# 2207
 Delta R.T. -0.00 min
 Lab File: BE099217.D
 Acq: 26 Mar 2019 16:15

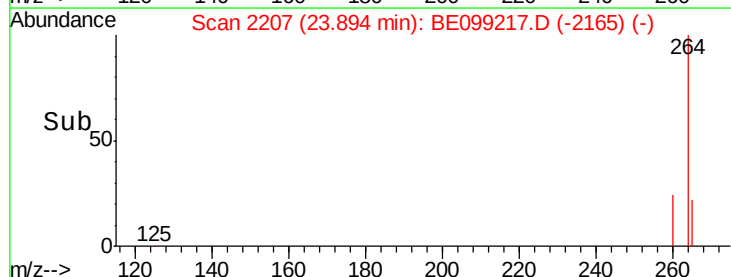
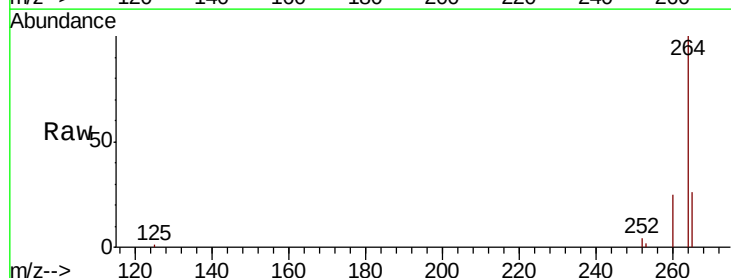
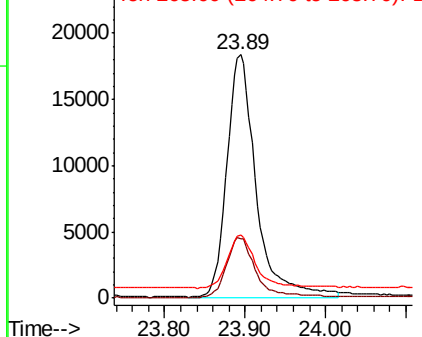
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.2
265	25.7	21.8	32.8

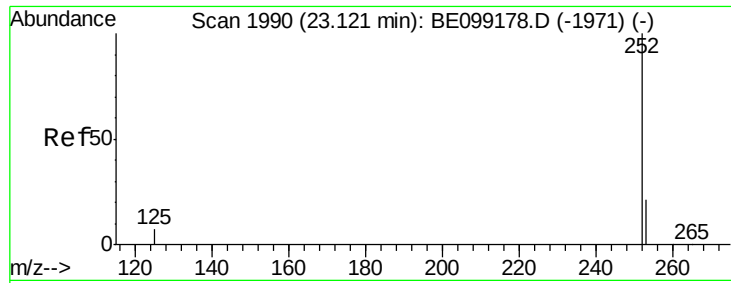
Abundance

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





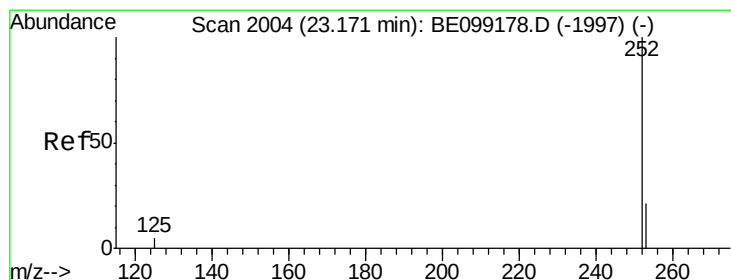
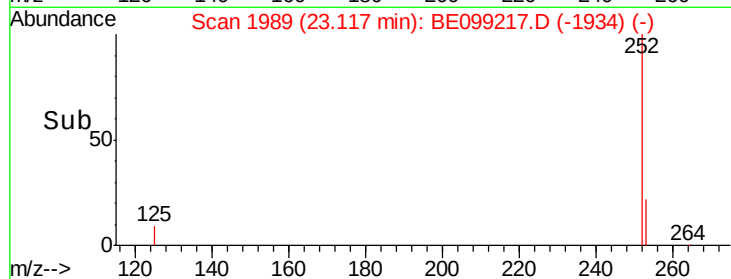
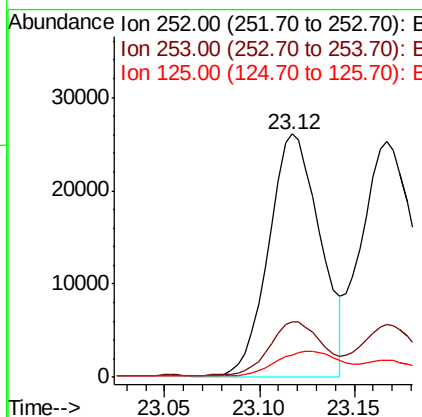
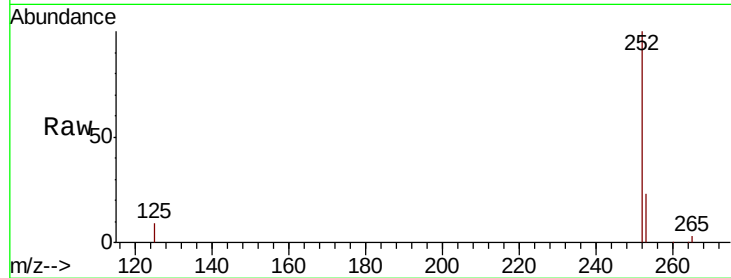
#35
Benzo(b)fluoranthene
Concen: 0.328 ng m
RT: 23.12 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	9.3	6.1	9.1

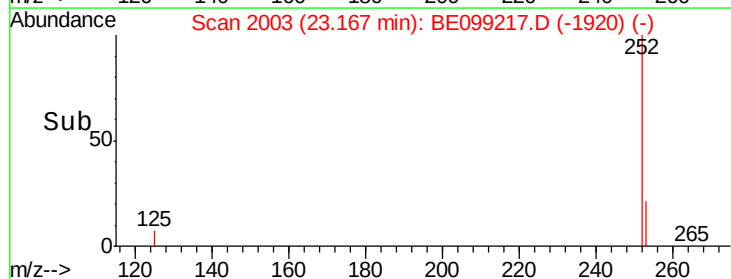
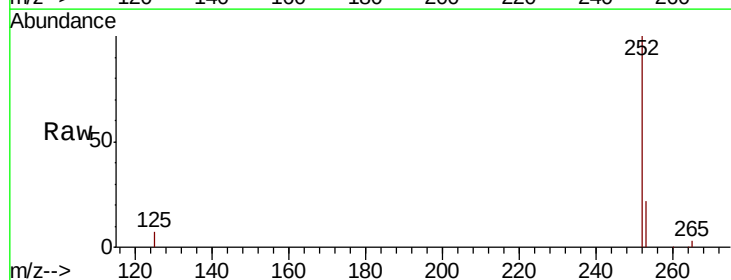
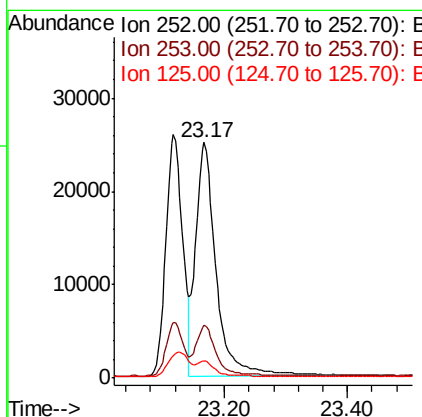
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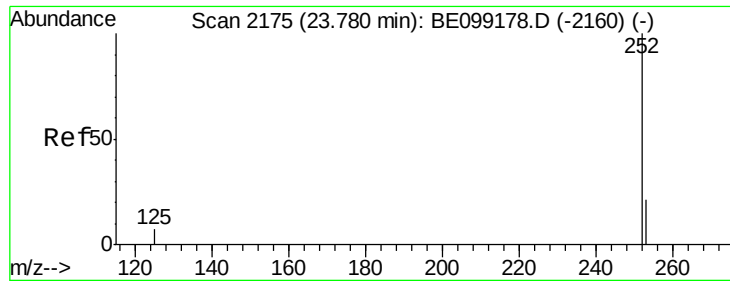
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#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.3	5.9	8.9





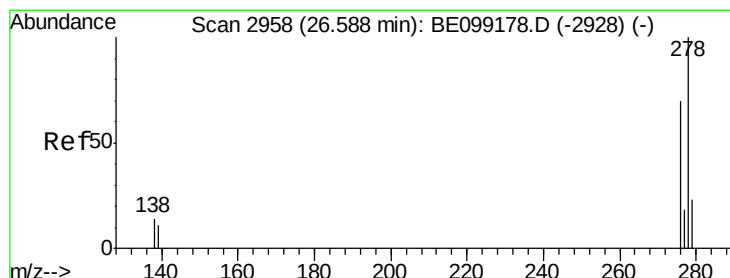
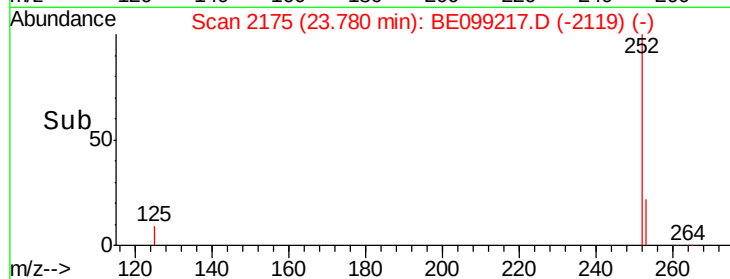
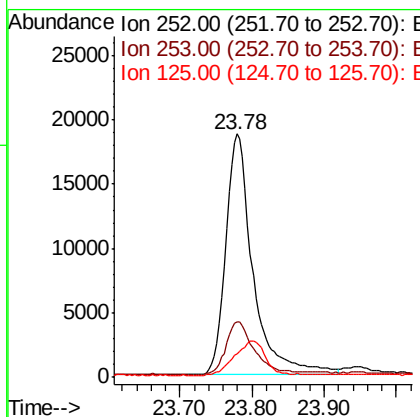
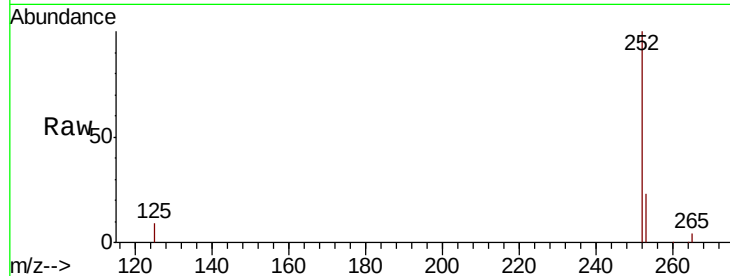
#37
Benzo(a)pyrene
Concen: 0.344 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.5	6.8	10.2

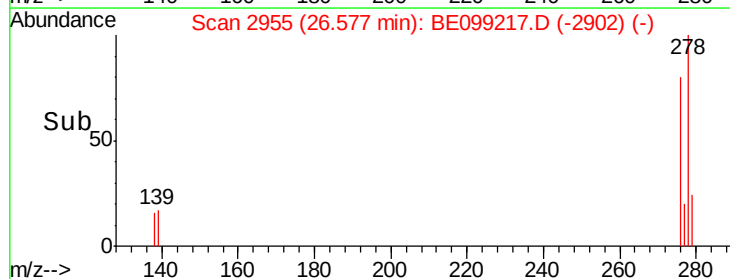
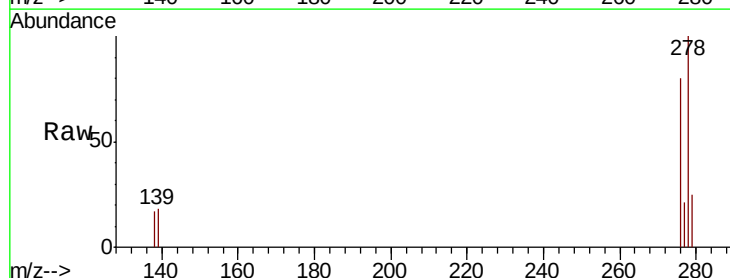
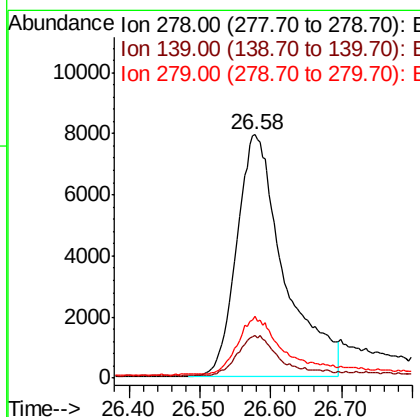
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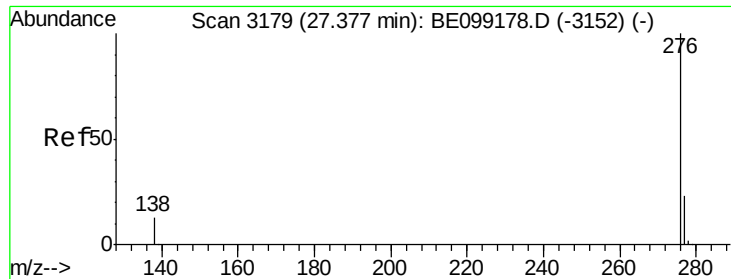
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#38
Dibenzo(a,h)anthracene
Concen: 0.294 ng
RT: 26.58 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BE099217.D
Acq: 26 Mar 2019 16:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	9.5	14.3#
279	25.2	19.1	28.7





#39

Benzo(a,h,i)perylene

Concen: 0.300 ng

RT: 27.37 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BE099217.D

Acq: 26 Mar 2019 16:15

Instrument :

BNA_E

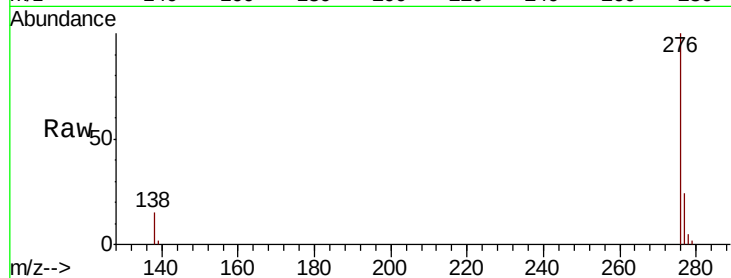
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	276	Resp:	37799
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	15.2	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

