

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051619\
 Data File : BE099633.D
 Acq On : 16 May 2019 21:28
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

mohammad
 5/17/2019 2:25:30 PM

Quant Time: May 17 07:39:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 14 19:30:50 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1981	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6921	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5074	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	15224	0.40	ng	0.00
27) Chrysene-d12	21.41	240	19876	0.40	ng	0.00
34) Perylene-d12	23.96	264	23572	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	1944	0.35	ng	0.00
5) Phenol-d6	6.98	99	2596	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	2341	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4312	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1140	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6917	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	72591	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	14516	0.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	943	0.323	ng	# 83
3) n-Nitrosodimethylamine	3.64	42	609m	0.327	ng	
6) bis(2-Chloroethyl)ether	7.24	93	2128	0.355	ng	93
9) Naphthalene	10.67	128	27180	0.369	ng	99
10) Hexachlorobutadiene	10.94	225	2026	0.376	ng	99
12) 2-Methylnaphthalene	12.30	142	4499	0.370	ng	99
16) Acenaphthylene	14.21	152	8370	0.349	ng	99
17) Acenaphthene	14.54	154	4815	0.356	ng	99
18) Fluorene	15.53	166	7094	0.366	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	3144	0.358	ng	97
21) Hexachlorobenzene	16.53	284	3184	0.369	ng	99
22) Pentachlorophenol	16.89	266	1230	0.520	ng	95
23) Phenanthrene	17.27	178	13589	0.360	ng	99
24) Anthracene	17.36	178	11985	0.344	ng	100
26) Fluoranthene	19.29	202	20871	0.365	ng	99
28) Pyrene	19.65	202	21606	0.426	ng	99
30) Benzo(a)anthracene	21.40	228	23516	0.392	ng	100
31) Chrysene	21.45	228	25046	0.405	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	33766	0.365	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	30132	0.391	ng	99
35) Benzo(b)fluoranthene	23.17	252	23981	0.364	ng	100
36) Benzo(k)fluoranthene	23.22	252	24556	0.377	ng	99
37) Benzo(a)pyrene	23.84	252	23278	0.365	ng	98
38) Dibenzo(a,h)anthracene	26.68	278	24552	0.371	ng	# 98
39) Benzo(g,h,i)perylene	27.49	276	24880	0.374	ng	99

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

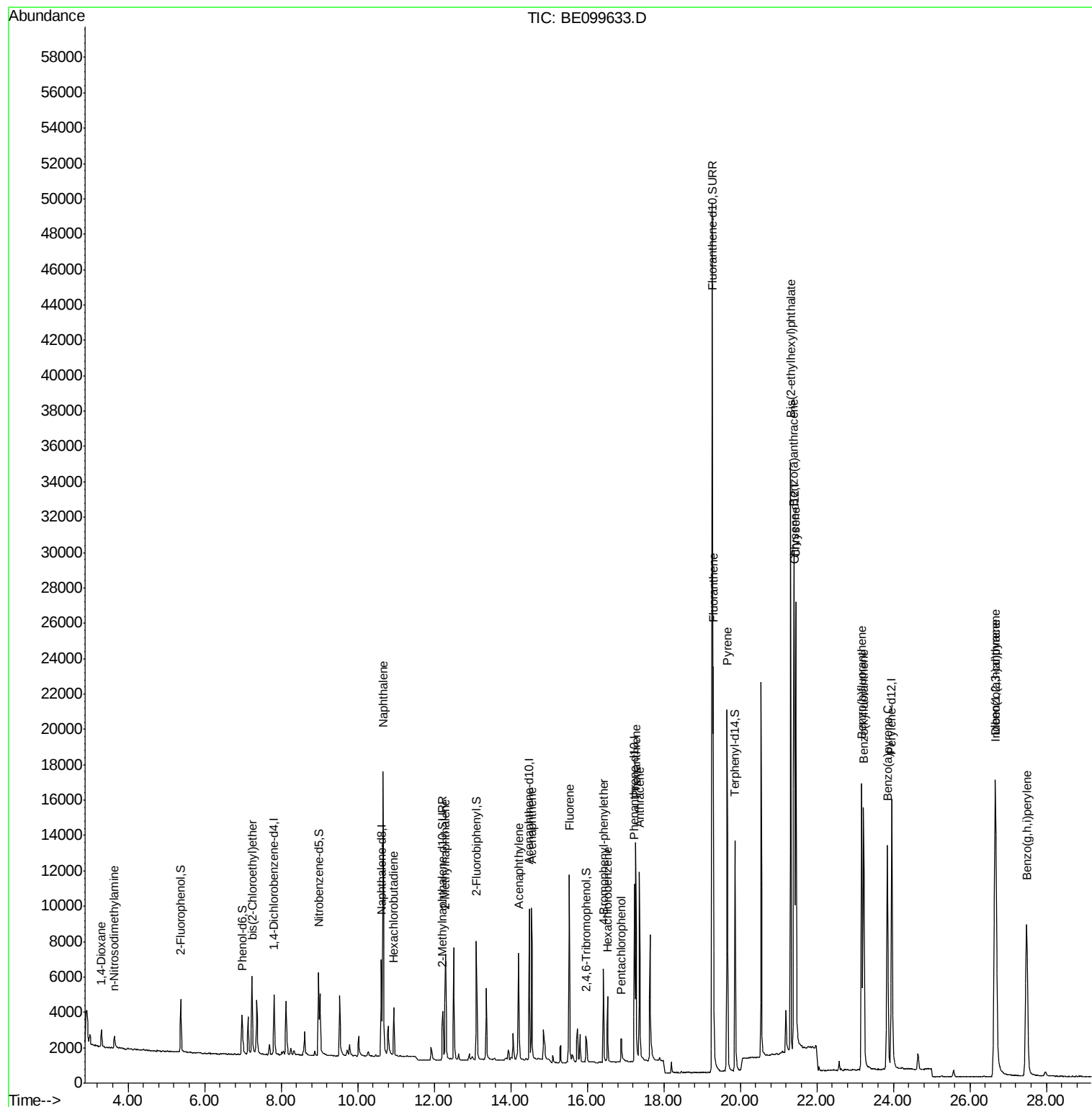
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051619\
Data File : BE099633.D
Acq On : 16 May 2019 21:28
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
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5/17/2019 2:25:30 PM

Quant Time: May 17 07:39:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration





#1

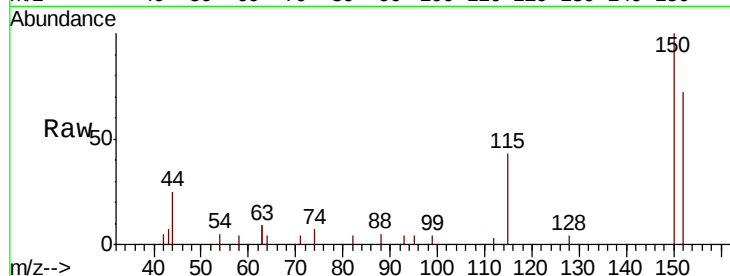
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.5	110.1	165.1
115	59.0	46.2	69.4

Manual Integrations
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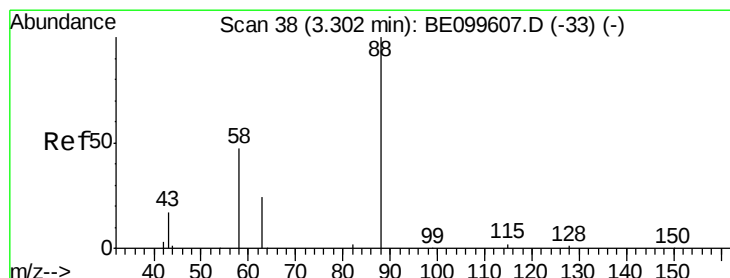
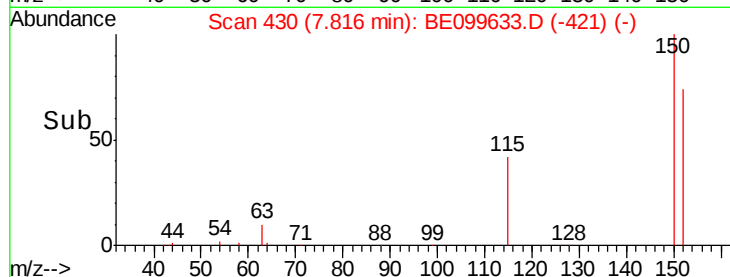
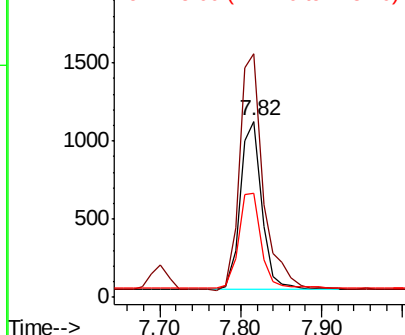


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

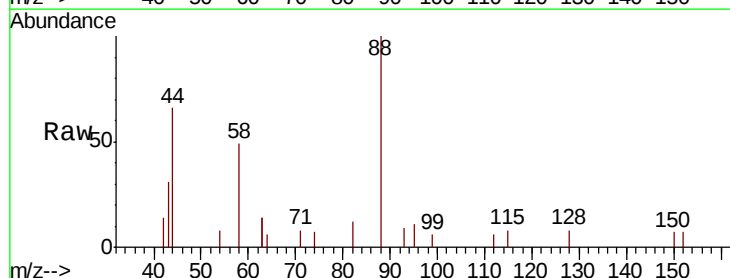
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.323 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.5	39.8	59.6#
43	22.0	21.0	31.6

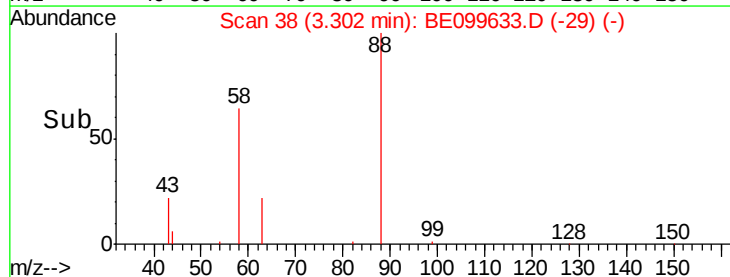
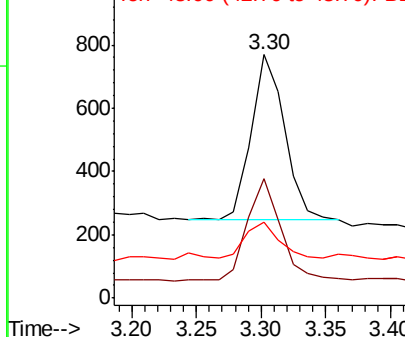


Abundance

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

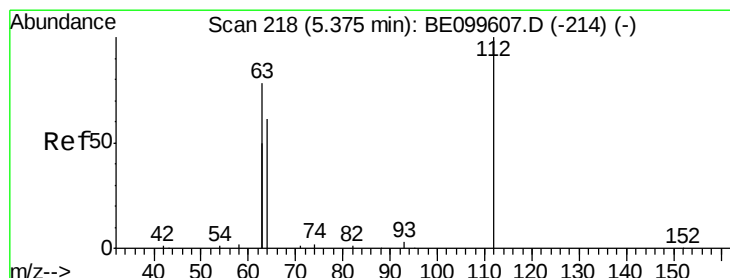
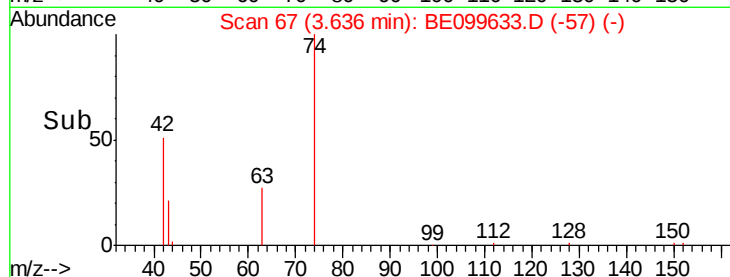
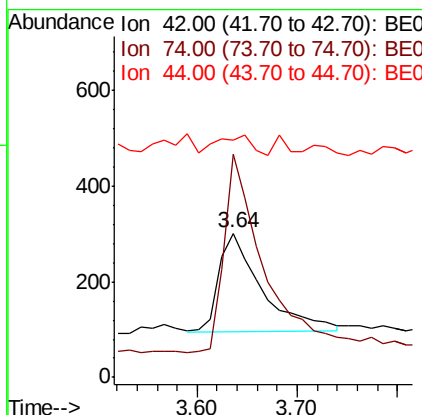
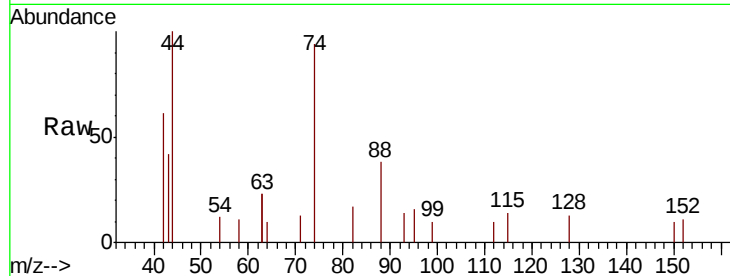
n-Nitrosodimethylamine
 Concen: 0.327 ng/ml
 RT: 3.64 min Scan# 67
 Delta R.T. 0.01 min
 Lab File: BE099633.D
 Acq: 16 May 2019 21:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:	42	Resp:	609
Ion	Ratio	Lower	Upper
42	100		
74	159.9	134.7	202.1
44	16.4	12.5	18.7

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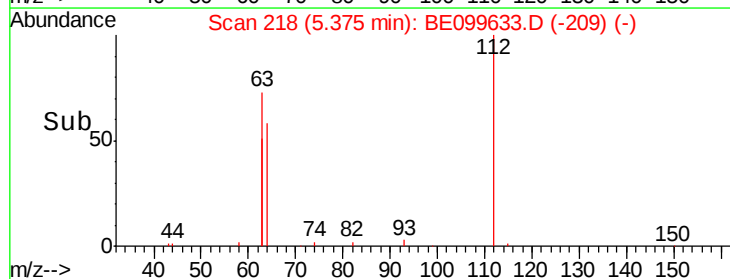
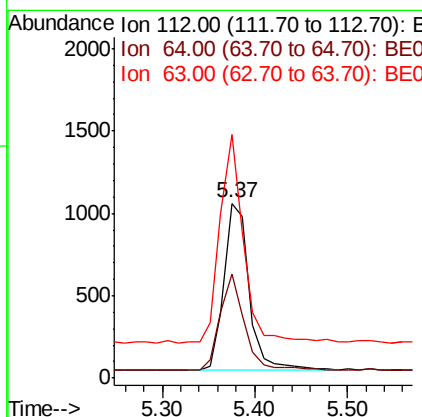
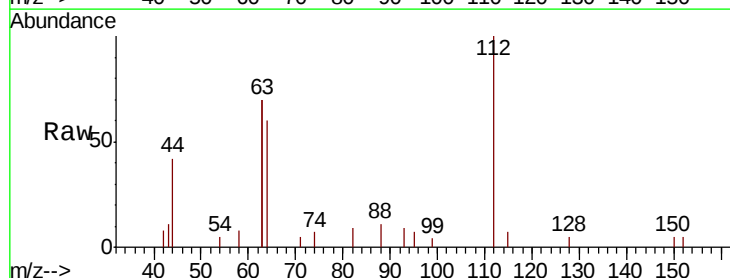
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#4

2-Fluorophenol
 Concen: 0.346 ng/ml
 RT: 5.37 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: BE099633.D
 Acq: 16 May 2019 21:28

Tgt Ion:	112	Resp:	1944
Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.7	65.5
63	118.7	94.0	141.0





#5

Phenol-d6

Concen: 0.364 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

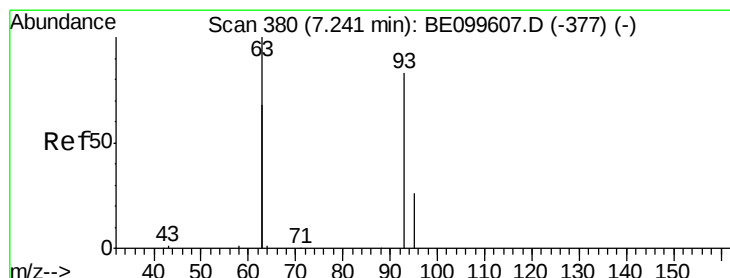
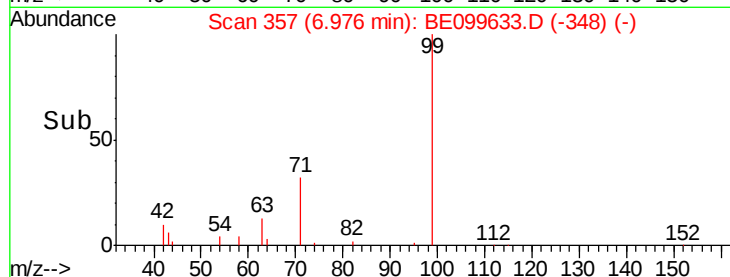
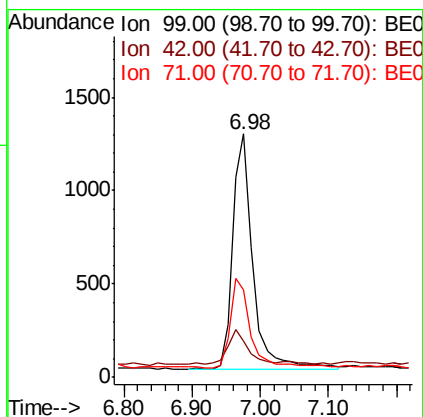
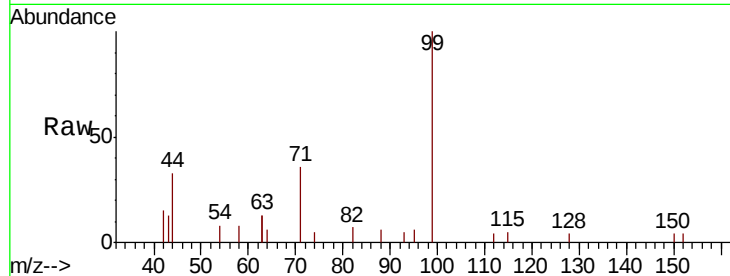
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	99	Resp:	2596
Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.3	21.5#
71	38.1	33.1	49.7

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#6

bis(2-Chloroethyl)ether

Concen: 0.355 ng

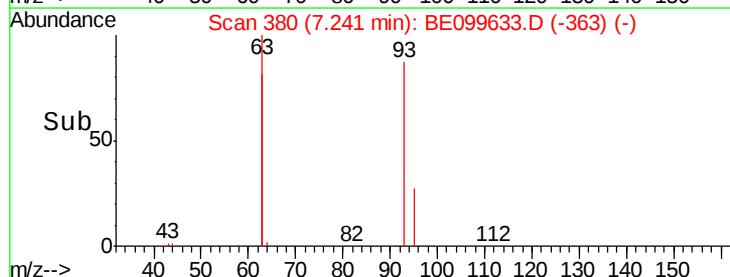
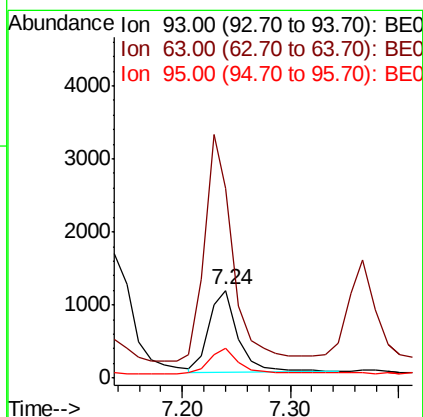
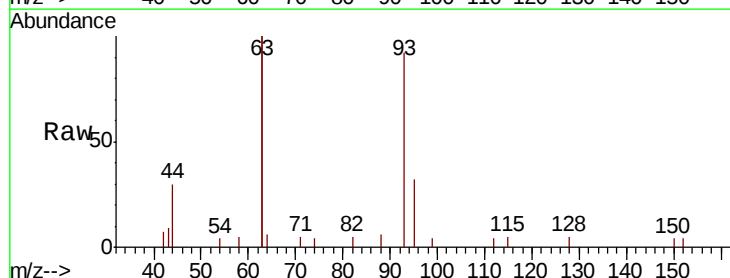
RT: 7.24 min Scan# 380

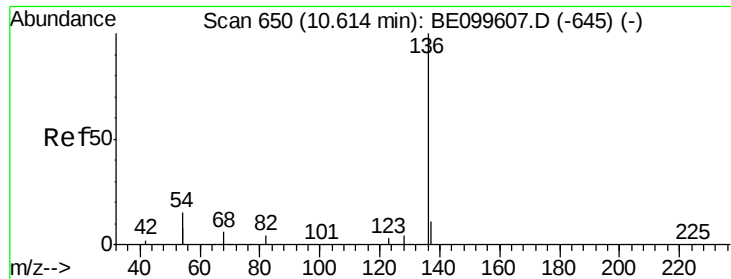
Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Tgt Ion:	93	Resp:	2128
Ion	Ratio	Lower	Upper
93	100		
63	264.2	201.0	301.4
95	31.9	25.0	37.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

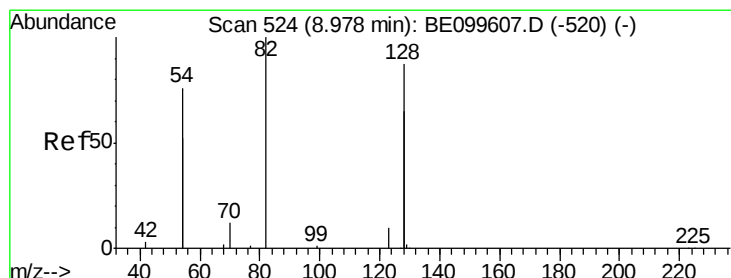
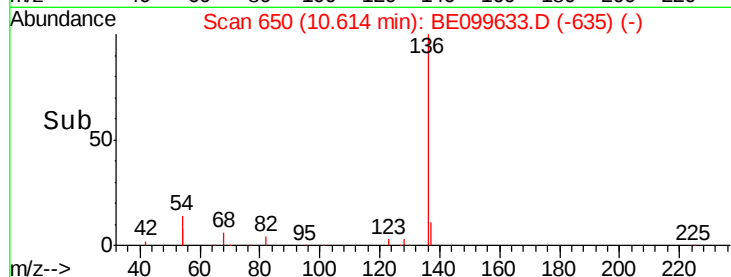
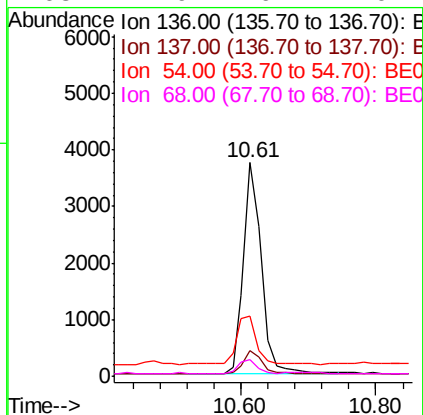
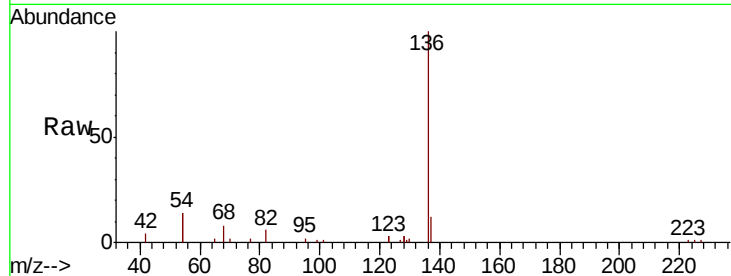
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	27.9	23.8	35.8
68	7.9	6.2	9.2

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#8

Nitrobenzene-d5

Concen: 0.349 ng

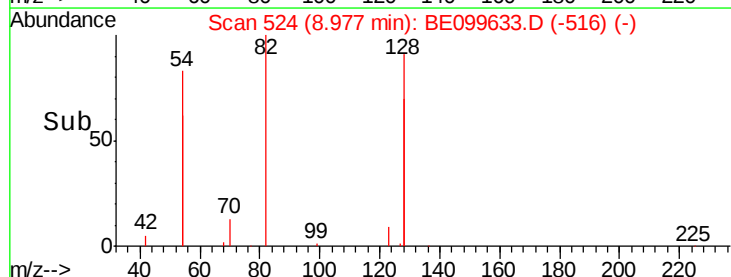
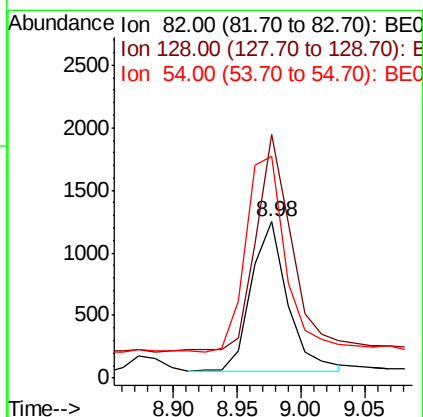
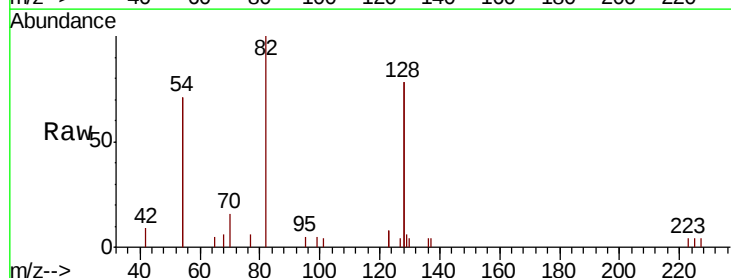
RT: 8.98 min Scan# 524

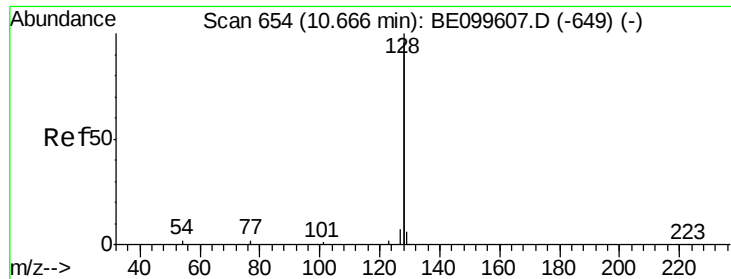
Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Tgt Ion	Ratio	Lower	Upper
82	100		
128	155.6	131.4	197.2
54	141.8	113.9	170.9





#9

Naphthalene

Concen: 0.369 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

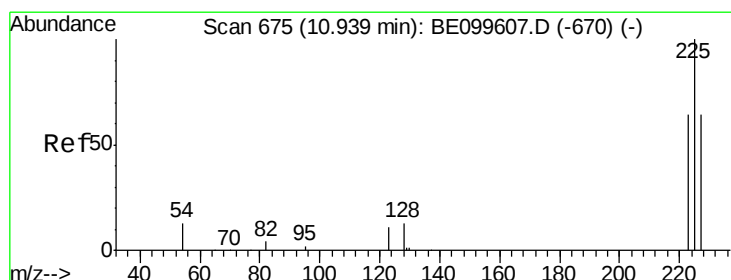
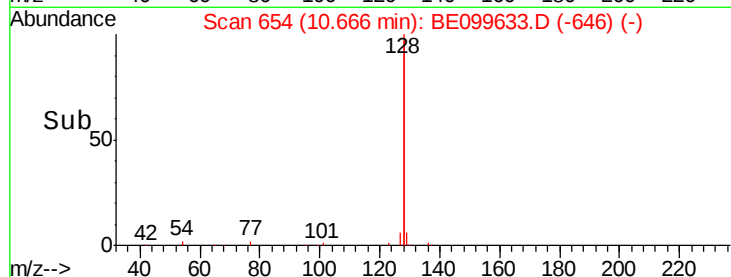
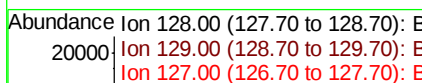
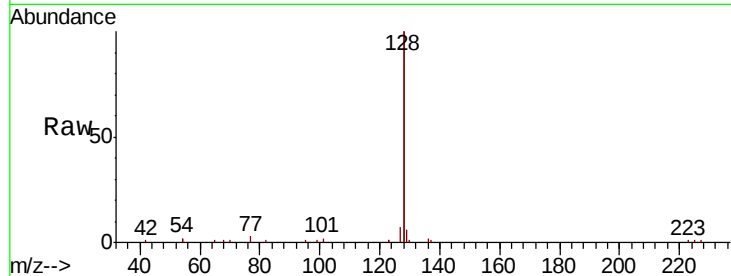
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:128	Resp:	27180
Ion Ratio	Lower	Upper
128 100		
129 3.1	2.6	4.0
127 3.5	3.0	4.6

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#10

Hexachlorobutadiene

Concen: 0.376 ng

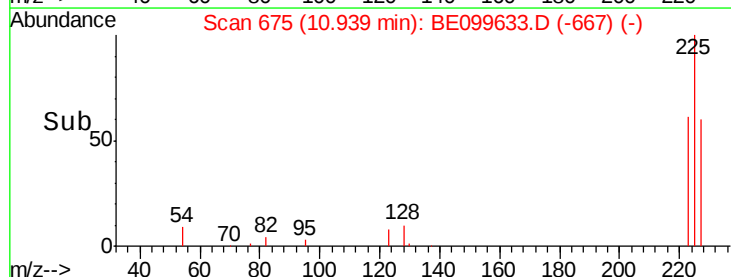
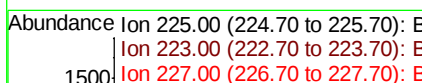
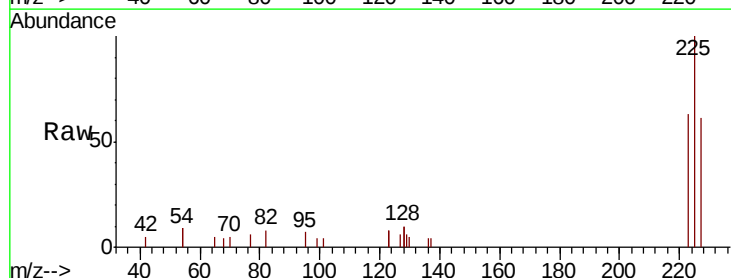
RT: 10.94 min Scan# 675

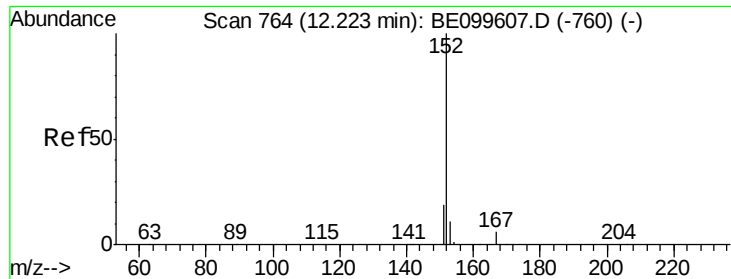
Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Tgt Ion:225	Resp:	2026
Ion Ratio	Lower	Upper
225 100		
223 61.3	49.8	74.8
227 64.3	51.2	76.8





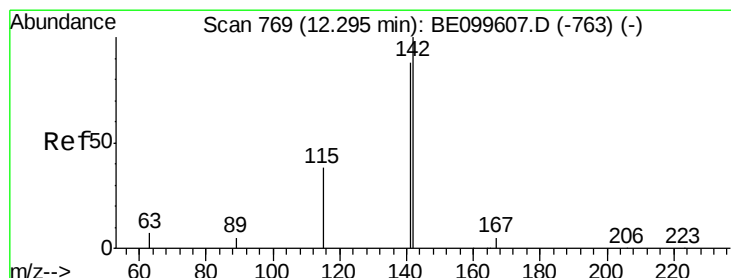
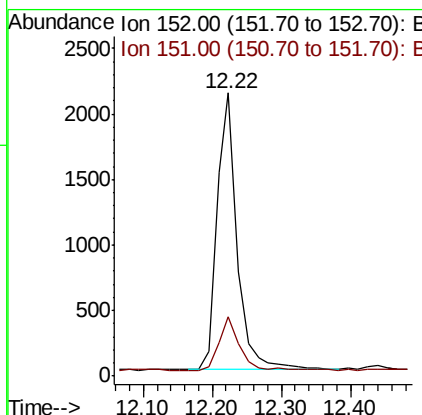
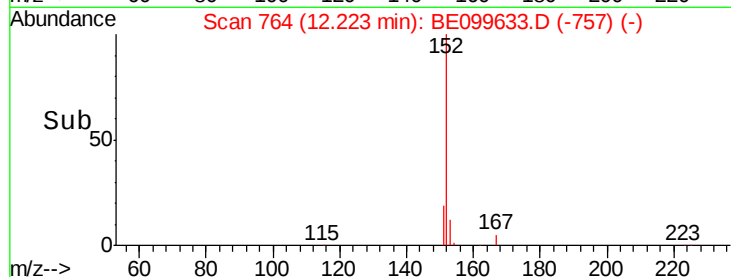
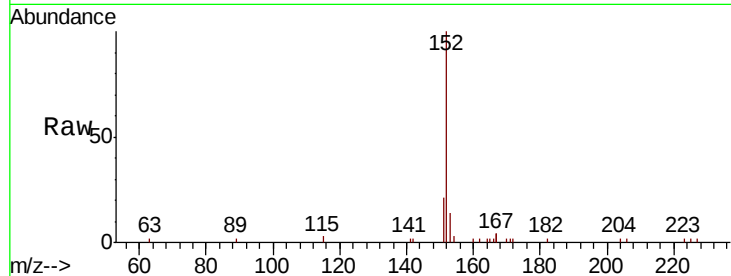
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9

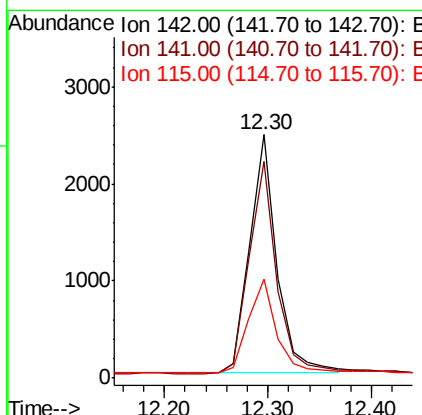
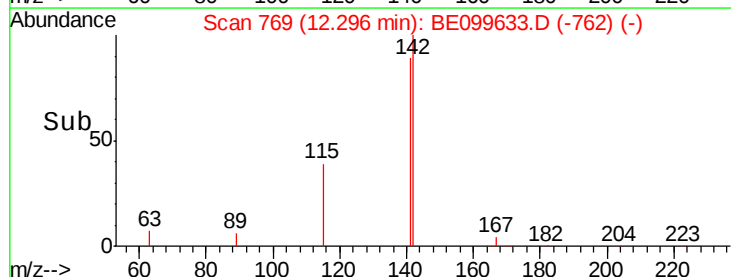
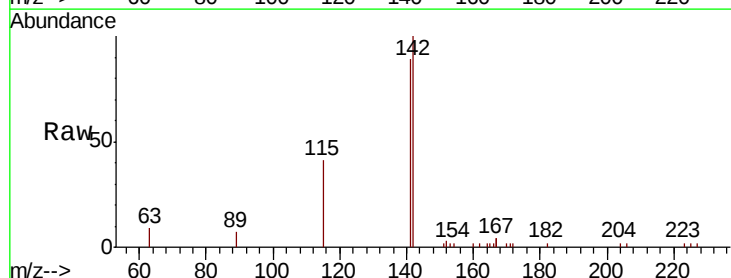
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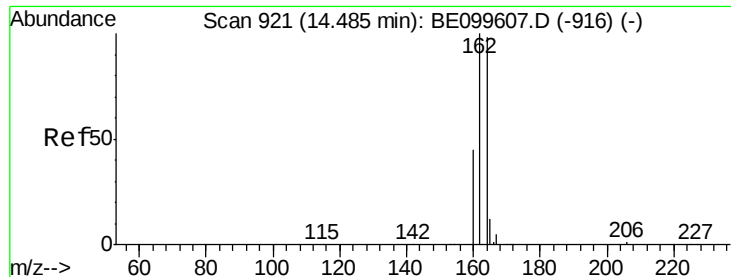
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#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6
115	40.8	32.2	48.4





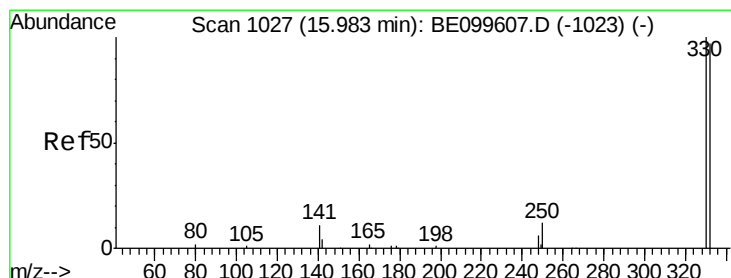
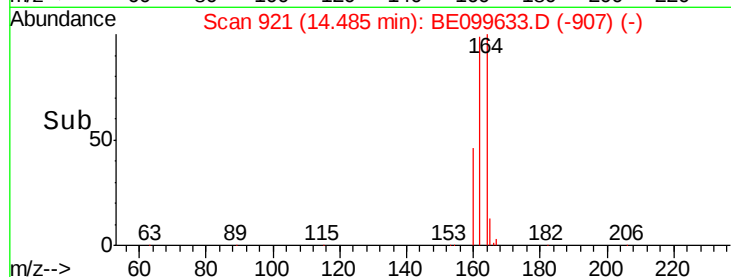
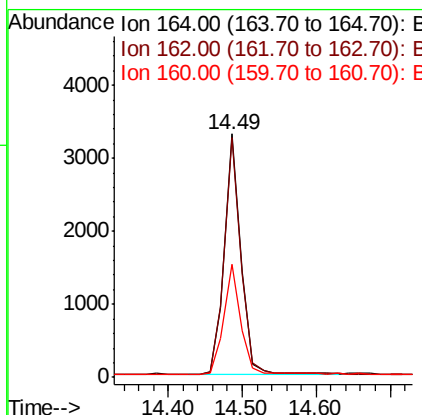
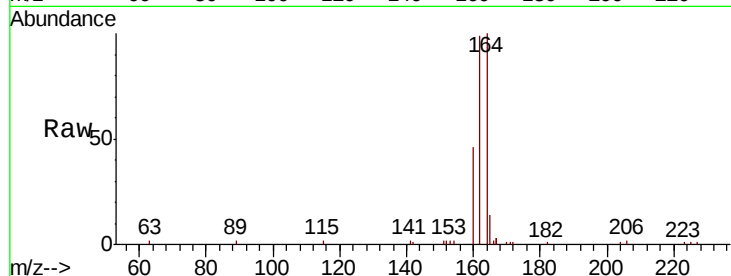
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	46.3	37.4	56.2

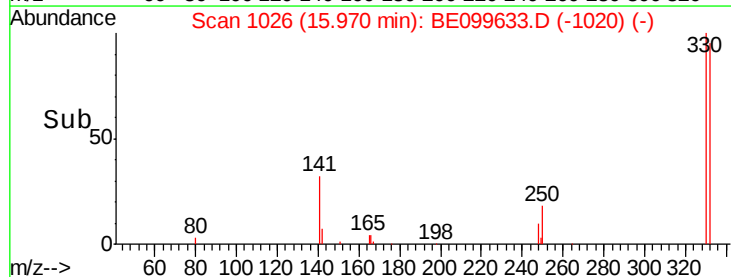
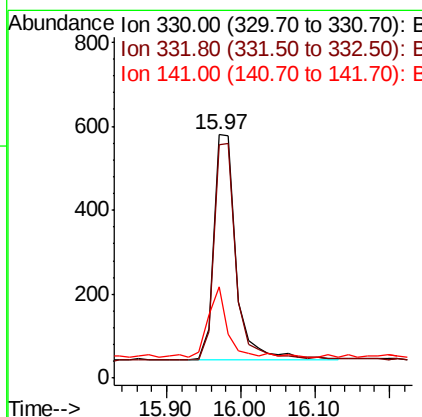
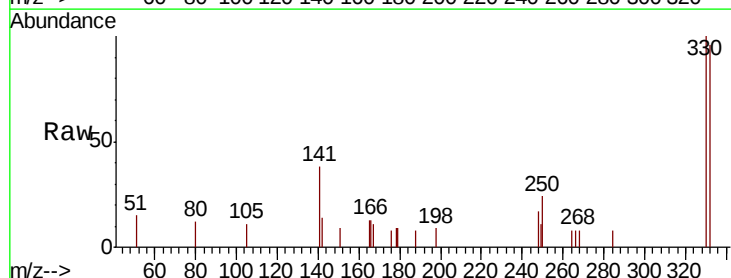
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#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	73.8	110.8
141	27.3	21.0	31.6





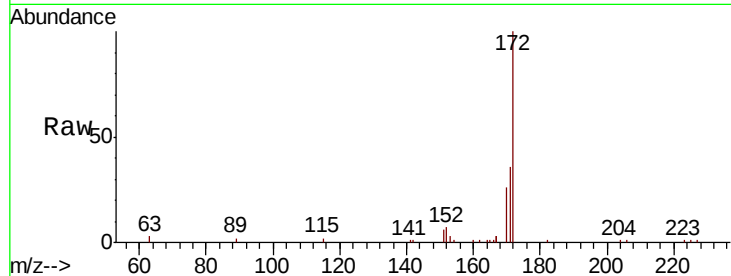
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	26.1	21.5	32.3

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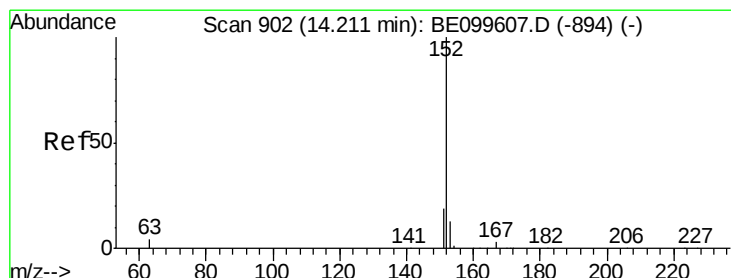
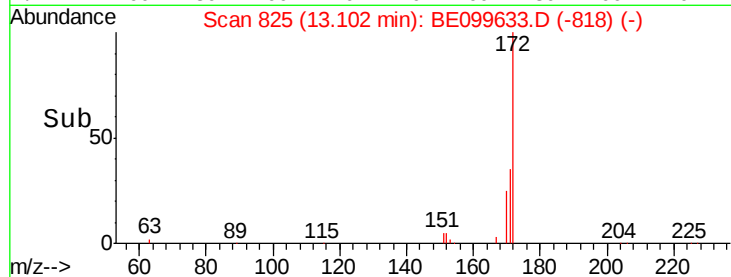
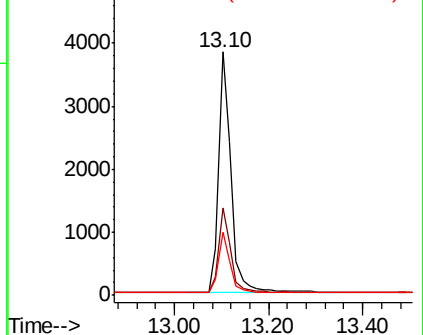


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

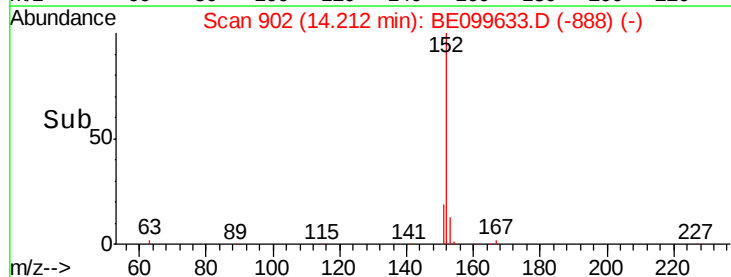
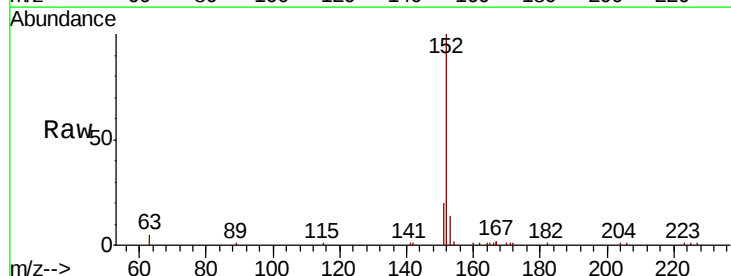
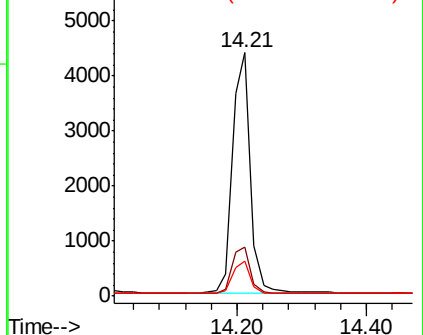
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.3	10.4	15.6

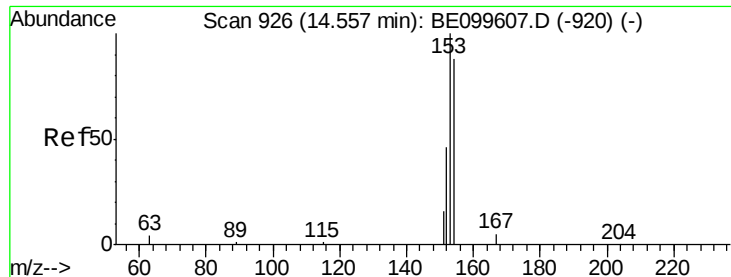
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





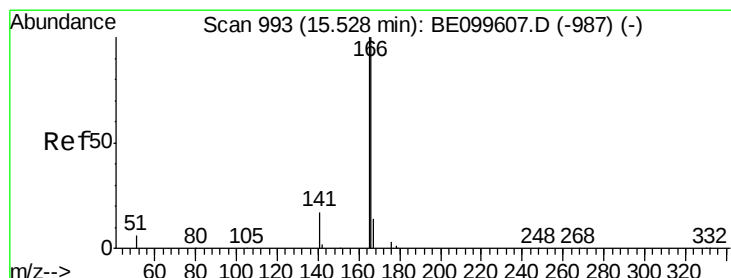
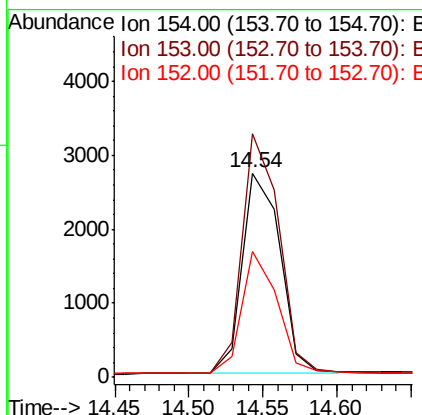
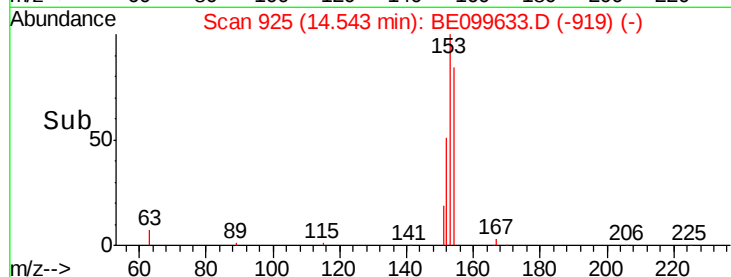
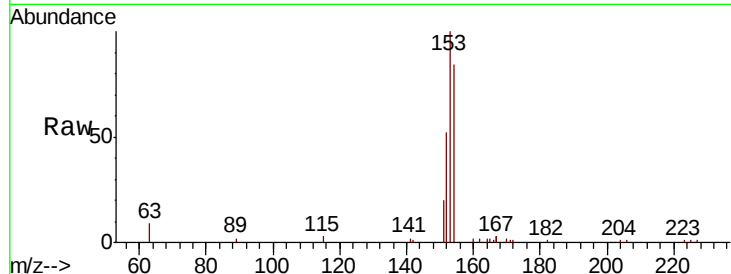
#17
Acenaphthene
Concen: 0.356 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.2	94.1	141.1
152	57.0	46.5	69.7

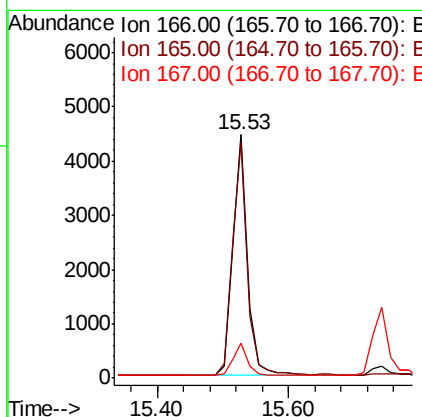
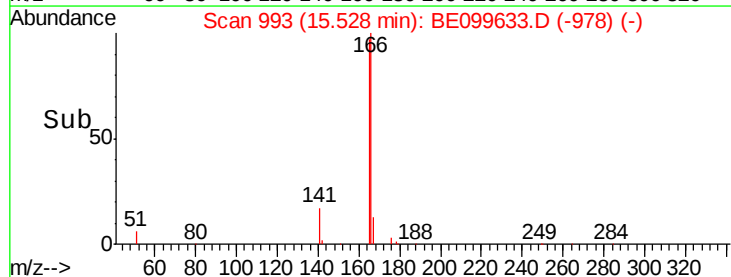
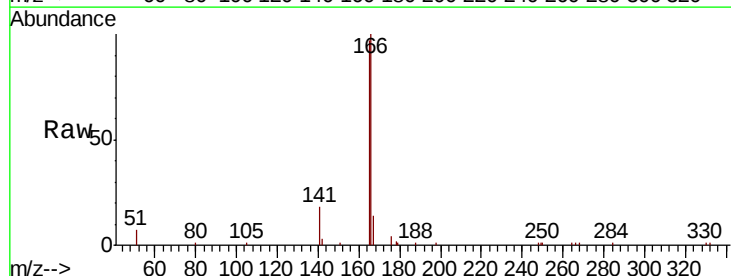
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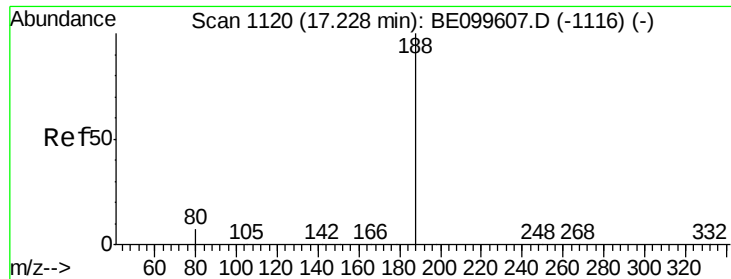
mohammad
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#18
Fluorene
Concen: 0.366 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.5	11.2	16.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

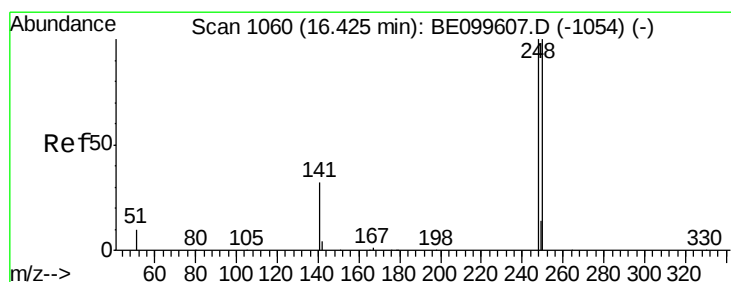
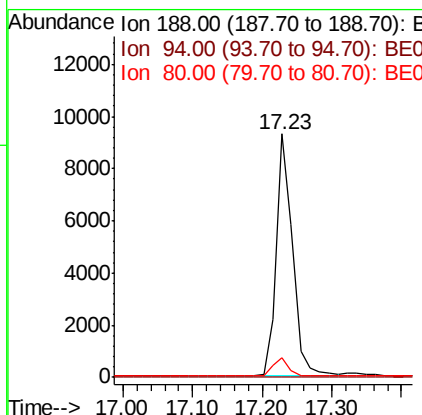
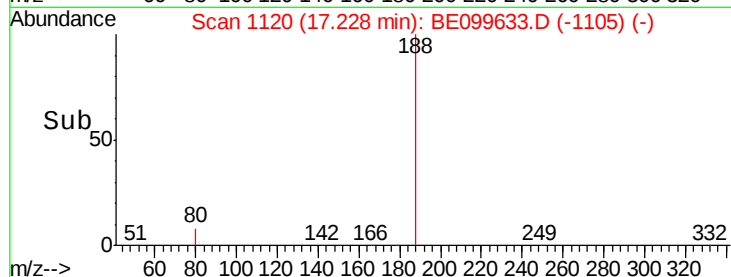
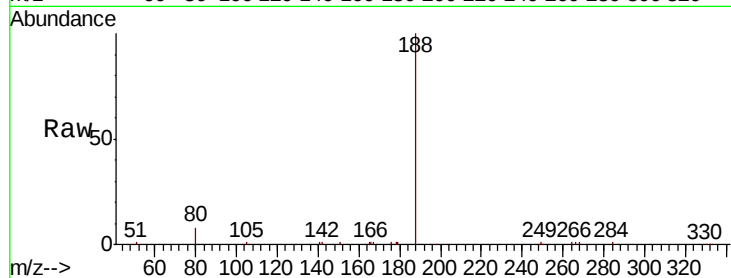
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	188	Resp:	15224
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.2	6.4	9.6

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#20

4-Bromophenyl-phenylether

Concen: 0.358 ng

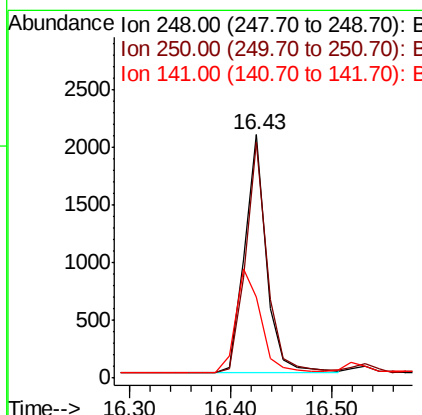
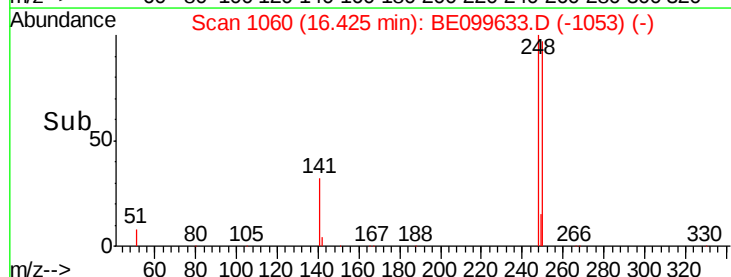
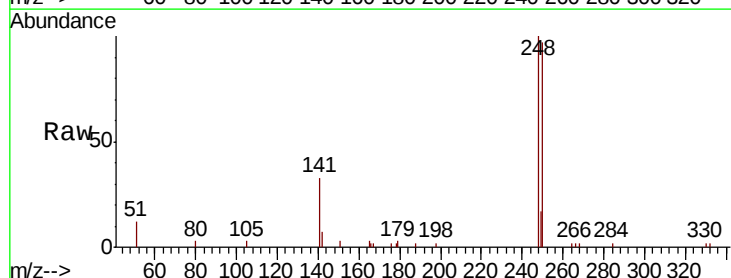
RT: 16.43 min Scan# 1060

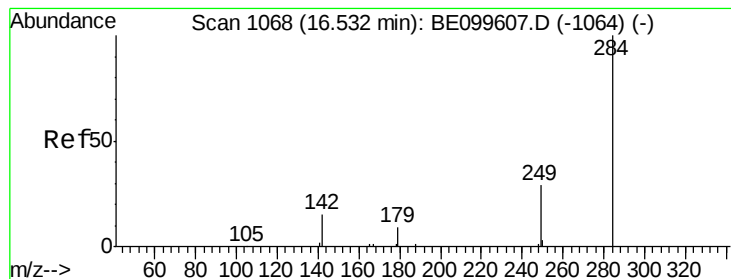
Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Tgt Ion:	248	Resp:	3144
Ion Ratio	Lower	Upper	
248	100		
250	96.9	80.4	120.6
141	33.4	27.8	41.8





#21

Hexachlorobenzene

Concen: 0.369 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

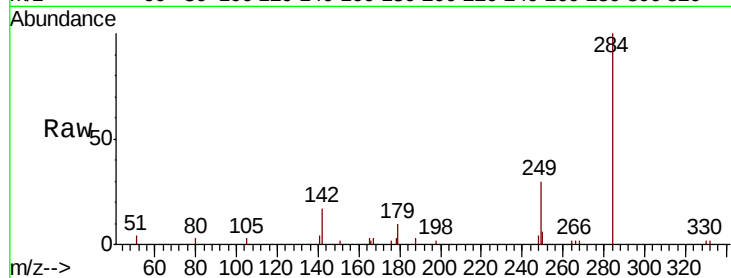
ClientSampleId :

SSTDCCC0.4EC

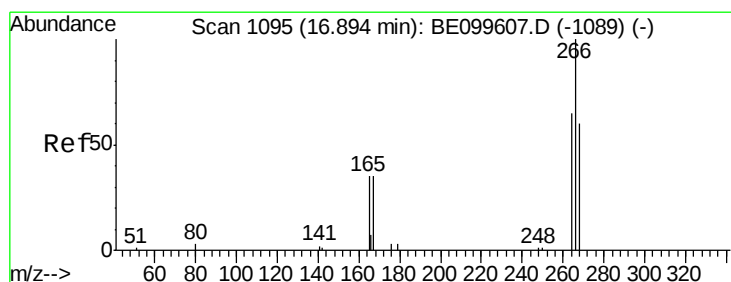
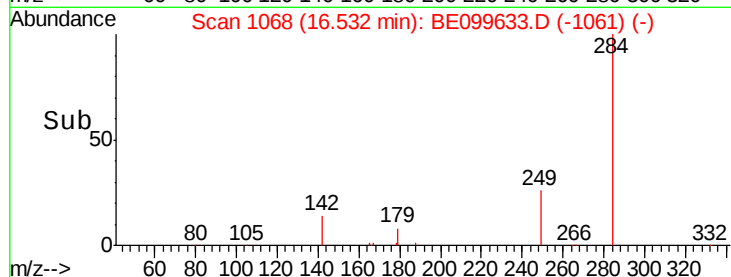
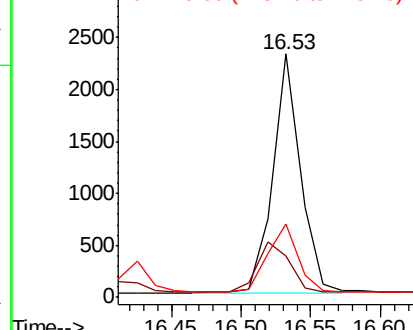
Tot Ion:	284	Resp:	3184
Ion Ratio	Lower	Upper	
284	100		
142	24.3	19.4	29.2
249	31.3	24.6	37.0

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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: 0.520 ng

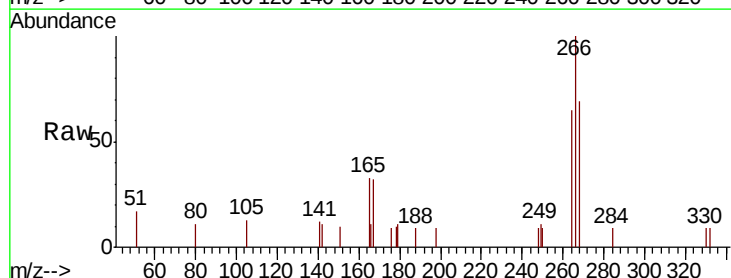
RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

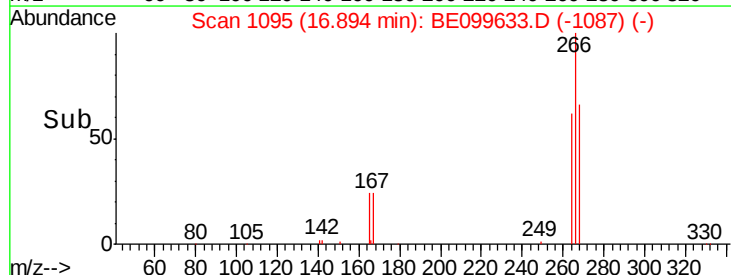
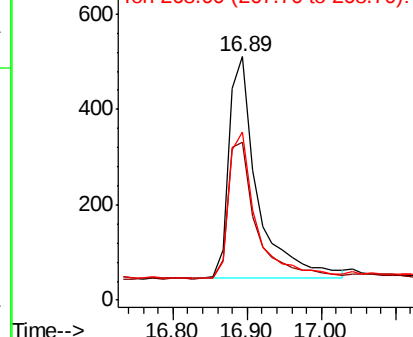
Lab File: BE099633.D

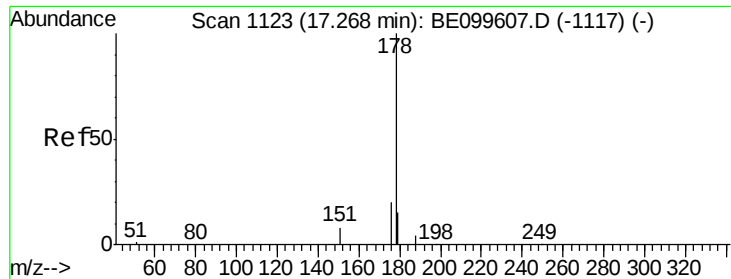
Acq: 16 May 2019 21:28

Tgt Ion:	266	Resp:	1230
Ion Ratio	Lower	Upper	
266	100		
264	64.8	57.7	86.5
268	69.3	55.8	83.8



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





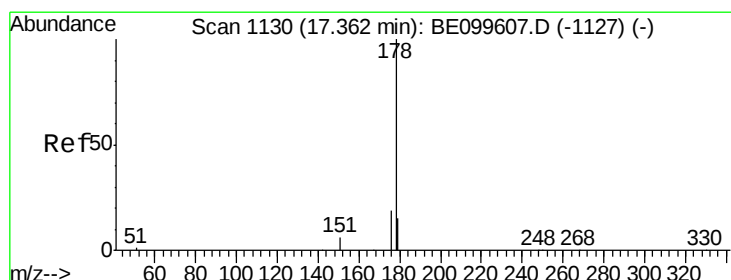
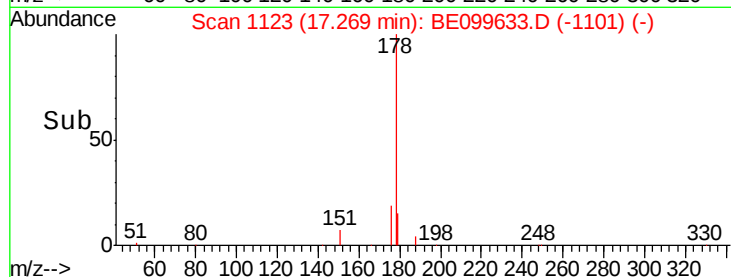
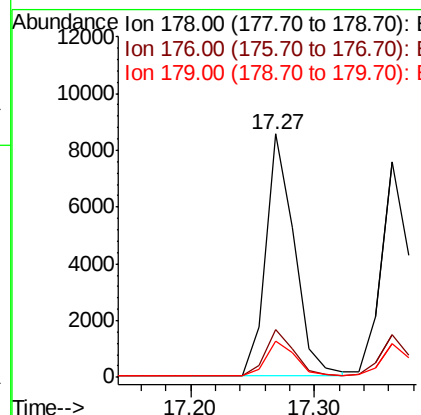
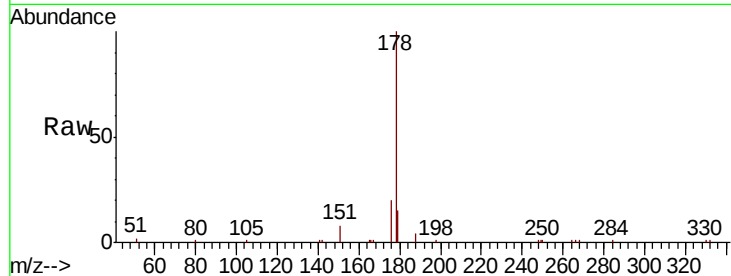
#23
Phenanthrene
Concen: 0.360 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.1	12.2	18.2

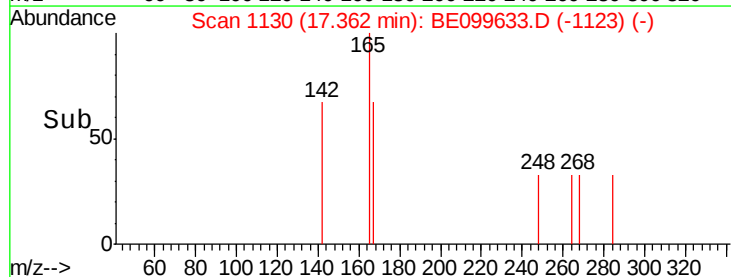
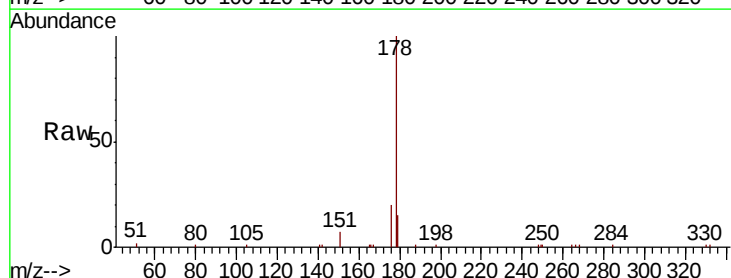
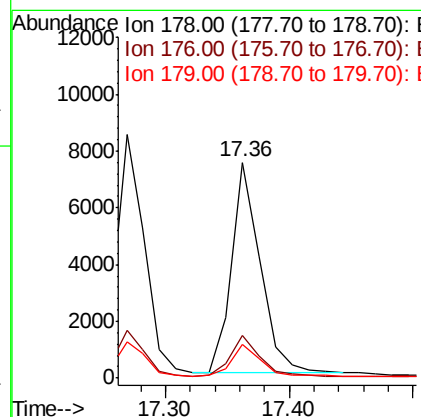
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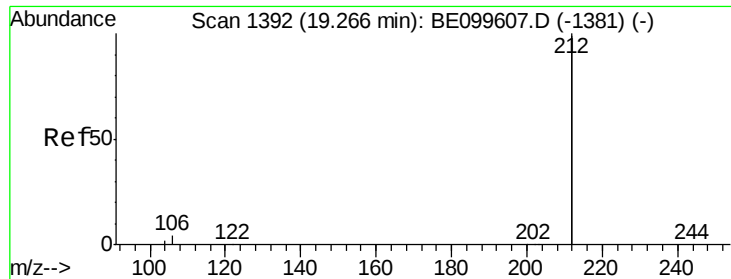
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#24
Anthracene
Concen: 0.344 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	14.8	12.1	18.1





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

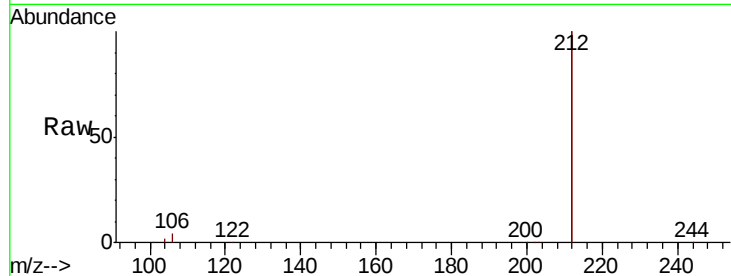
ClientSampleId :

SSTDCCC0.4EC

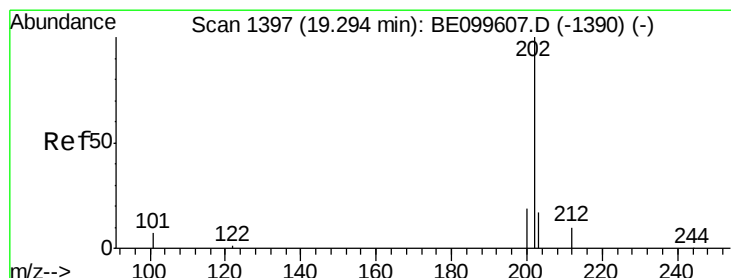
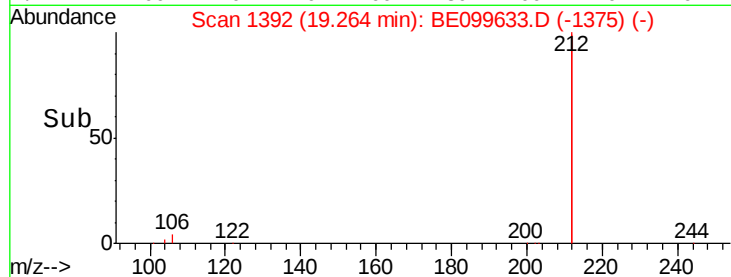
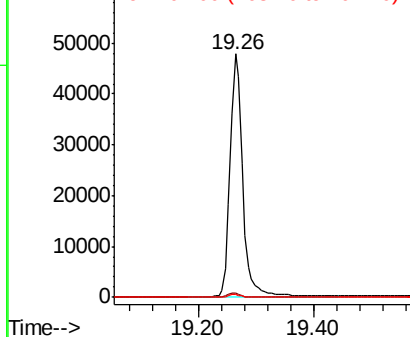
Tot Ion:	212	Resp:	72591
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3

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



#26

Fluoranthene

Concen: 0.365 ng

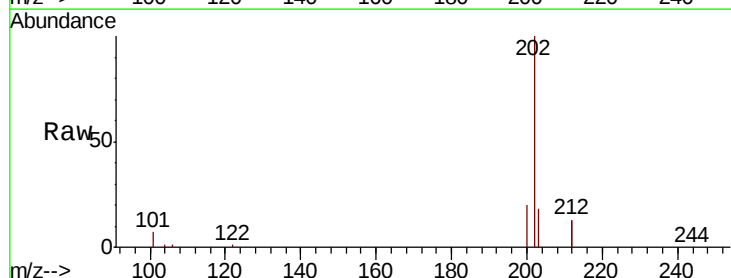
RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

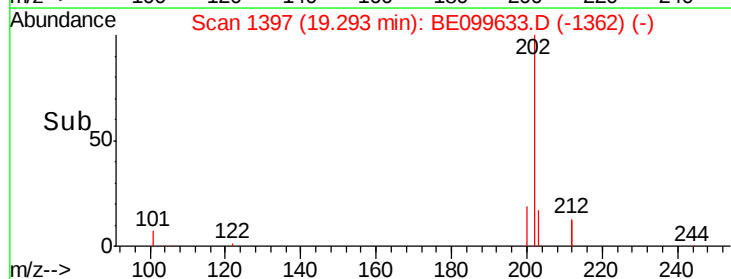
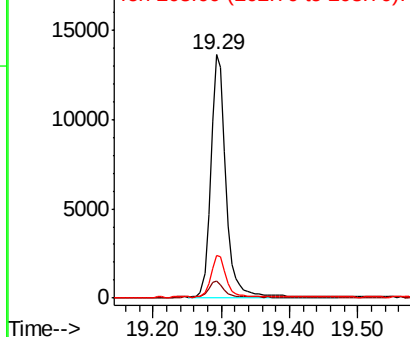
Lab File: BE099633.D

Acq: 16 May 2019 21:28

Tgt Ion:	202	Resp:	20871
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.0	7.6
203	17.0	13.7	20.5



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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:240 Resp: 19876

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

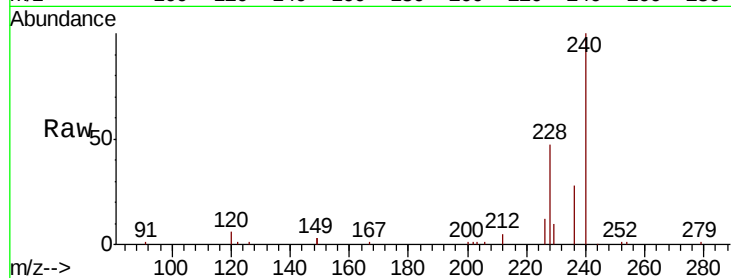
236 27.7 22.8 34.2

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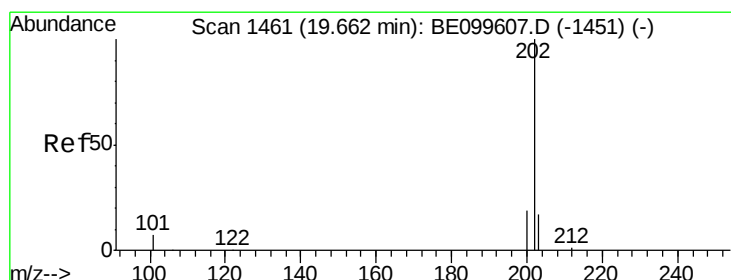
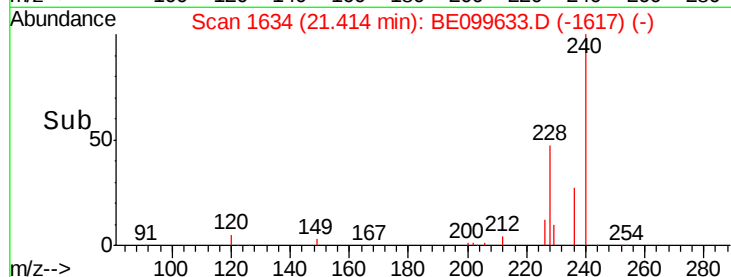
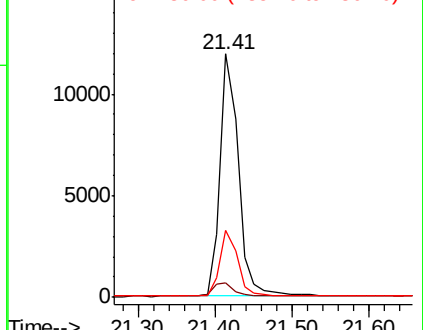
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.426 ng

RT: 19.65 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

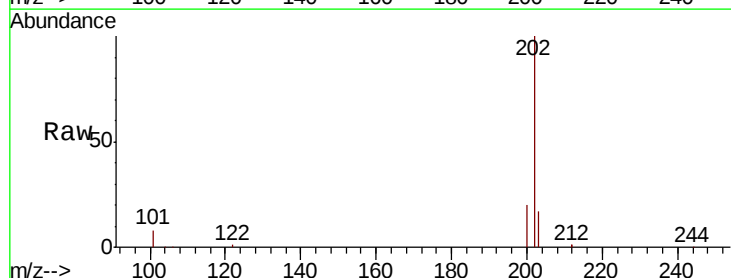
Tgt Ion:202 Resp: 21606

Ion Ratio Lower Upper

202 100

200 19.5 15.8 23.6

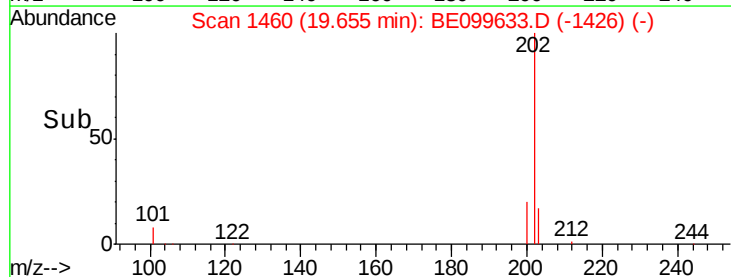
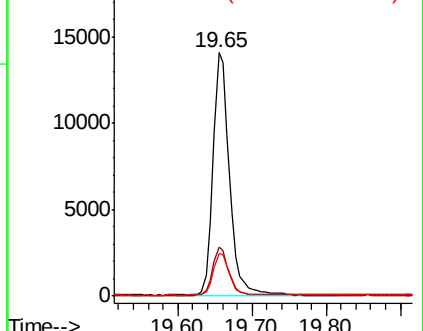
203 17.3 14.1 21.1

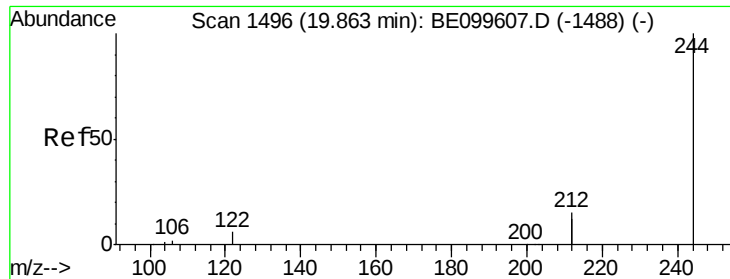


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





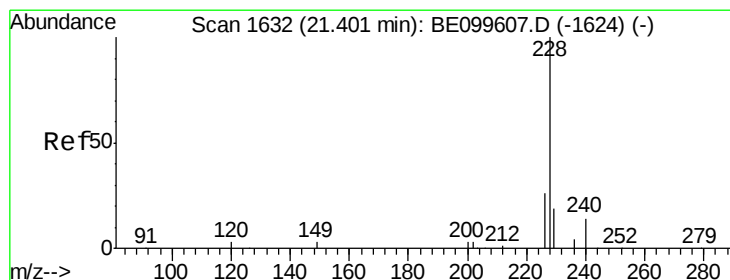
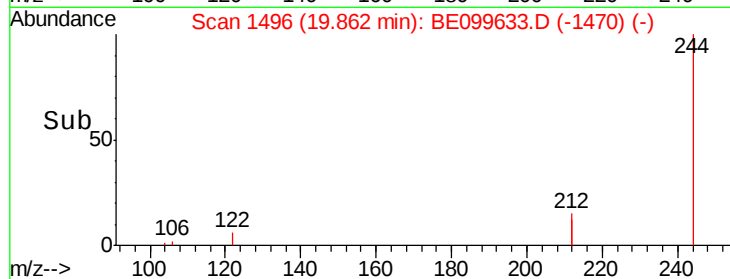
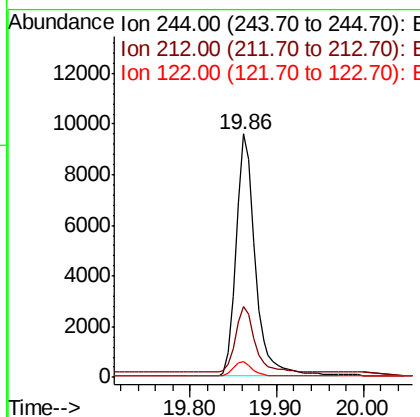
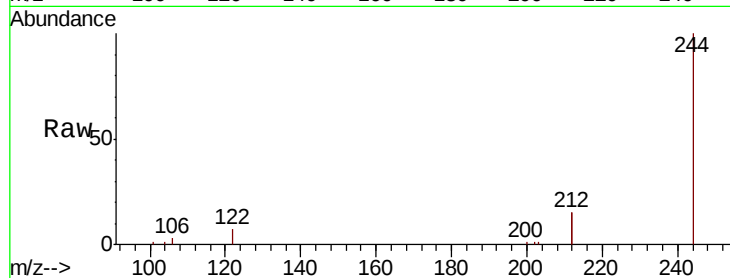
#29
 Terphenyl-d14
 Concen: 0.406 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BE099633.D
 Acq: 16 May 2019 21:28

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.1	23.8	35.6
122	6.5	5.0	7.6

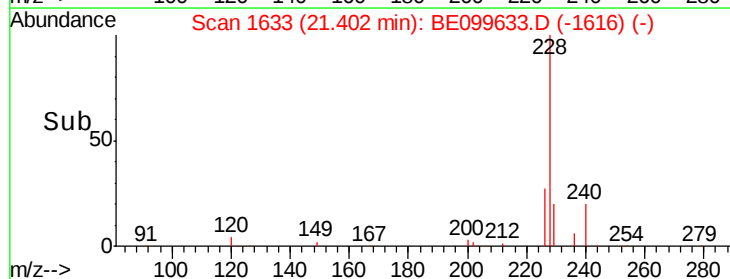
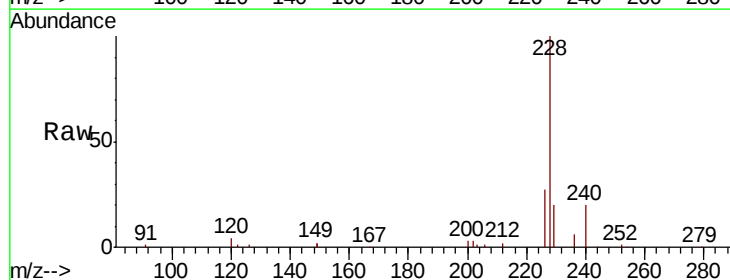
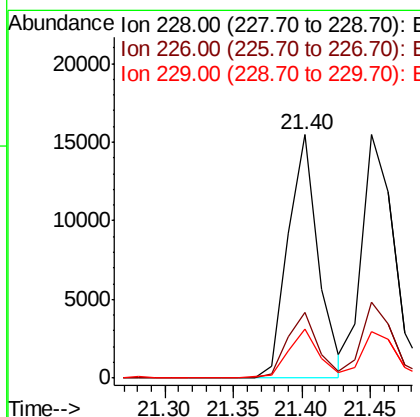
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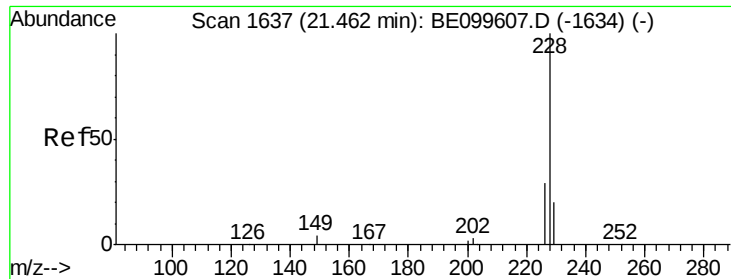
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.392 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099633.D
 Acq: 16 May 2019 21:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	20.1	15.8	23.8





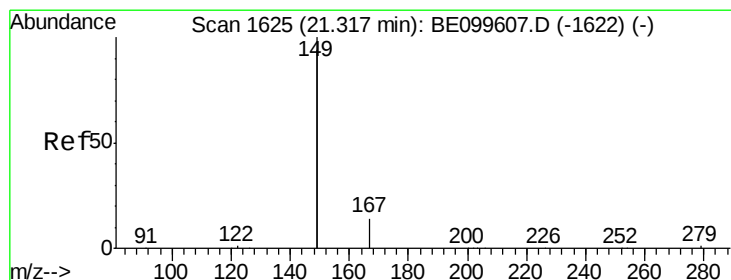
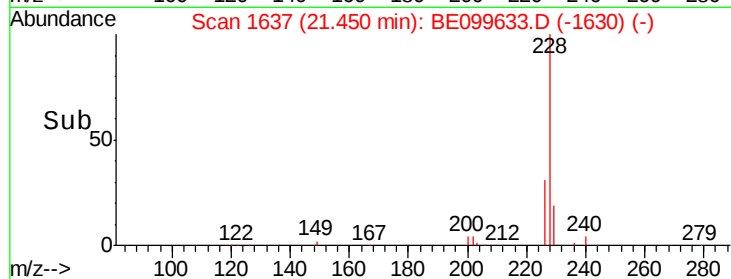
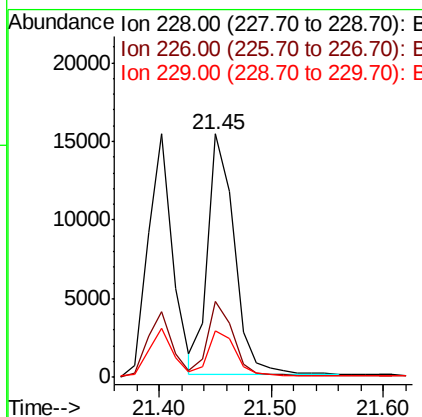
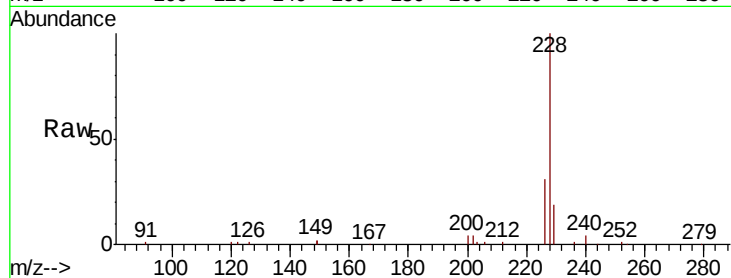
#31
Chrysene
Concen: 0.405 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.0	34.4
229	19.0	16.4	24.6

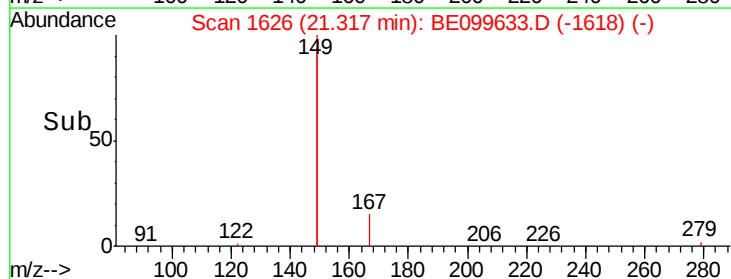
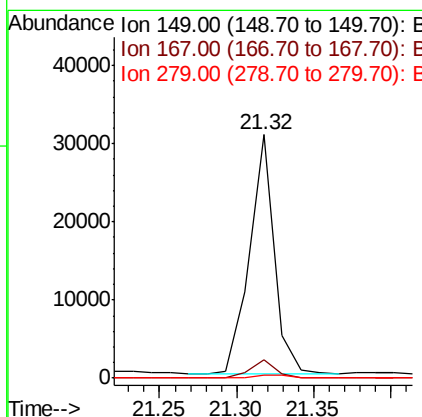
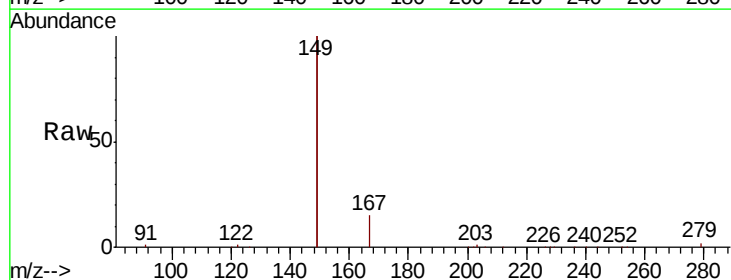
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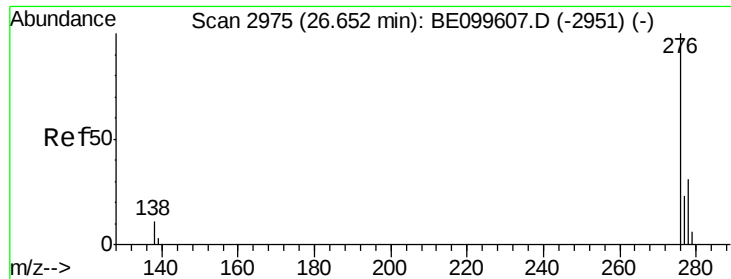
mohammad
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.4	1.1	1.7





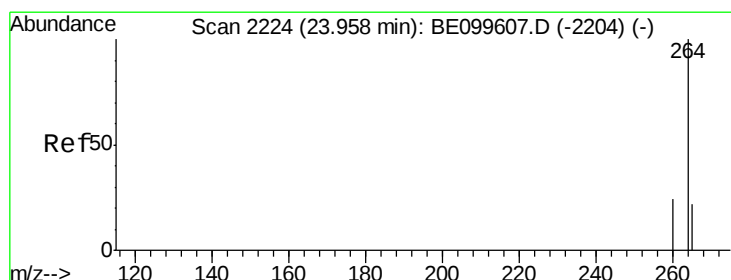
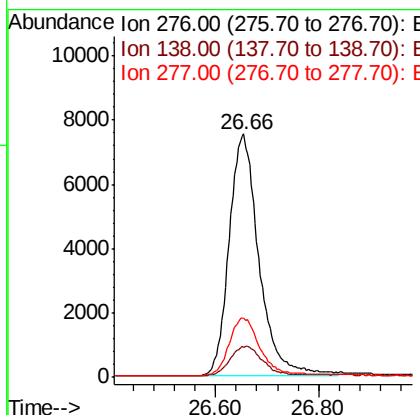
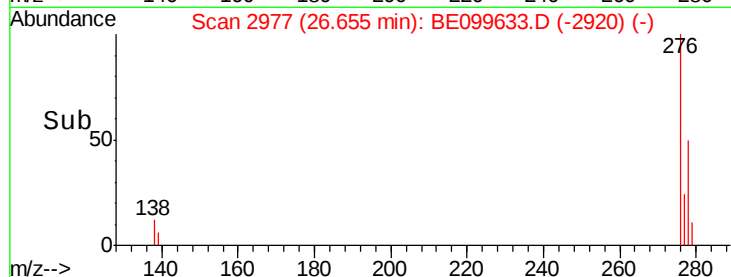
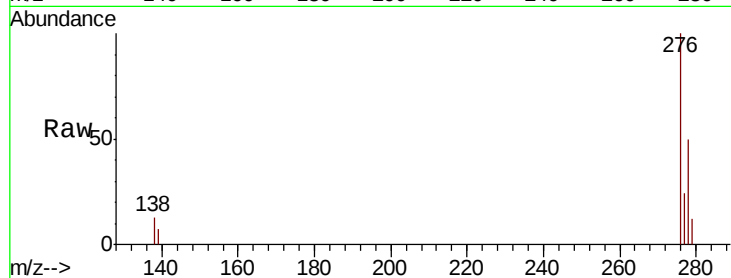
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng
 RT: 26.66 min Scan# 2977
 Delta R.T. 0.00 min
 Lab File: BE099633.D
 Acq: 16 May 2019 21:28

Instrument :
 BNA_E
 ClientSampleID :
 SSTDCCC0.4EC

Tot Ion:276	Resp:	30132
Ion Ratio	Lower	Upper
276 100		
138 13.0	10.0	15.0
277 24.5	19.1	28.7

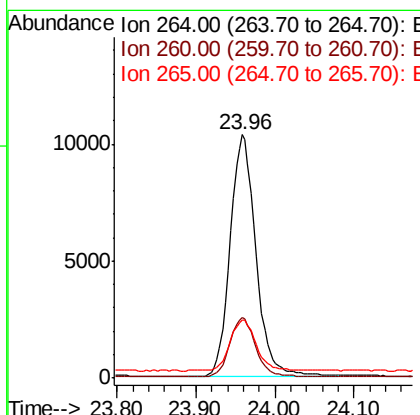
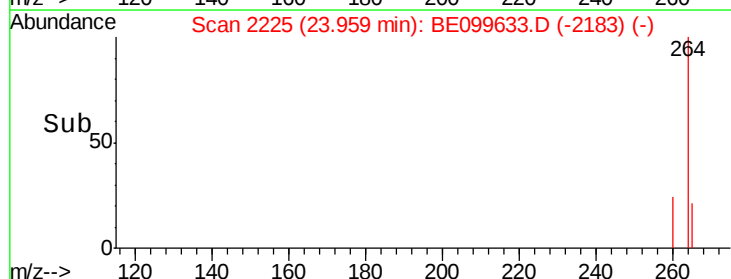
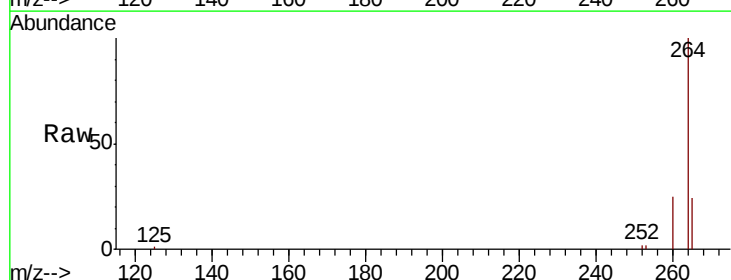
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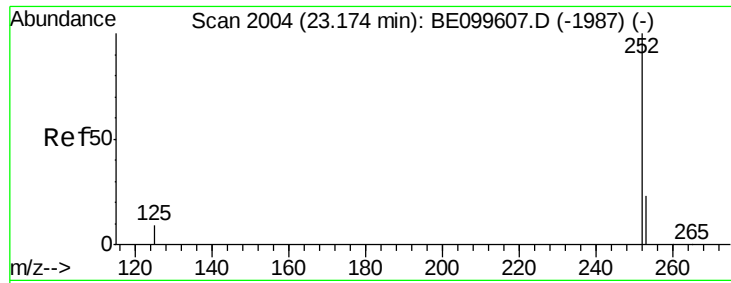
mohammad
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BE099633.D
 Acq: 16 May 2019 21:28

Tgt Ion:264	Resp:	23572
Ion Ratio	Lower	Upper
264 100		
260 24.8	19.7	29.5
265 24.0	21.2	31.8





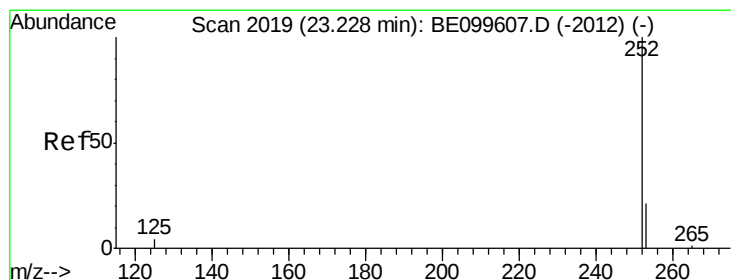
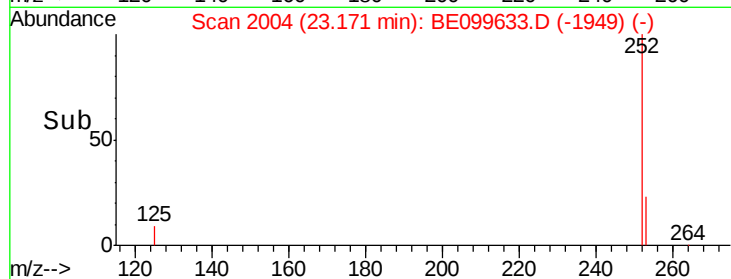
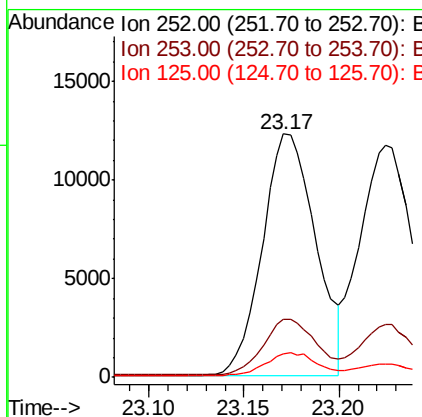
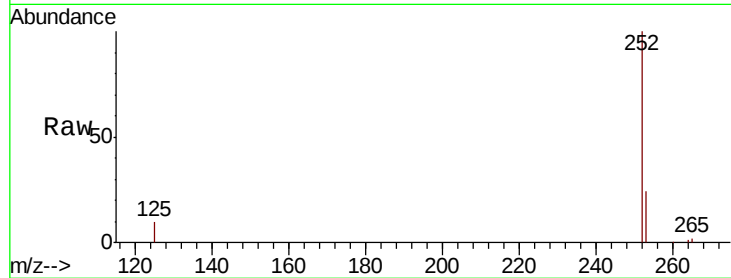
#35
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	9.6	7.8	11.8

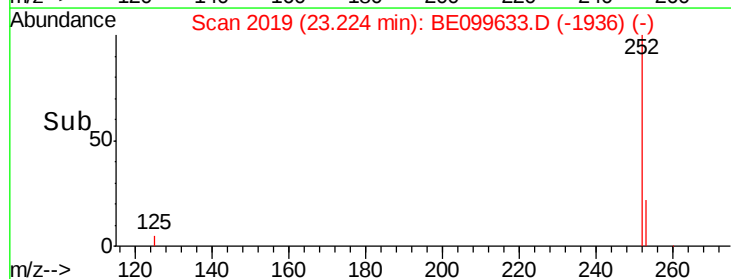
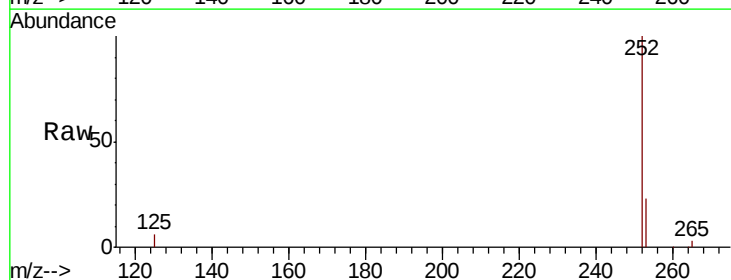
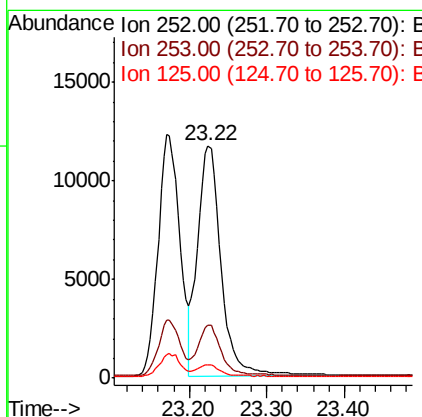
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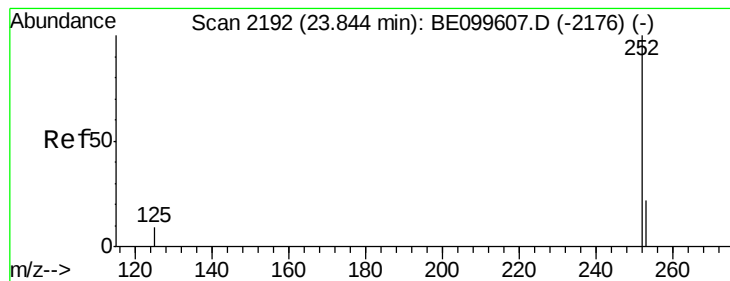
mohammad
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#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.22 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BE099633.D
Acq: 16 May 2019 21:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	5.9	5.2	7.8





#37

Benzo(a)pyrene

Concen: 0.365 ng

RT: 23.84 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

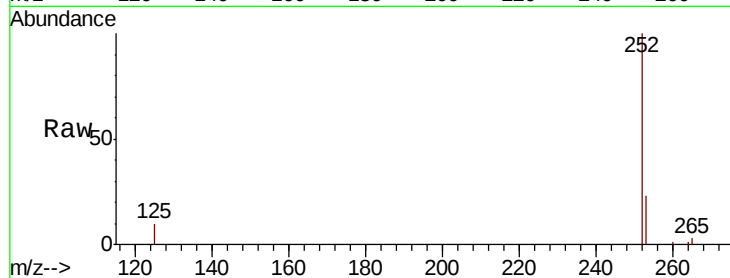
ClientSampleId :

SSTDCCC0.4EC

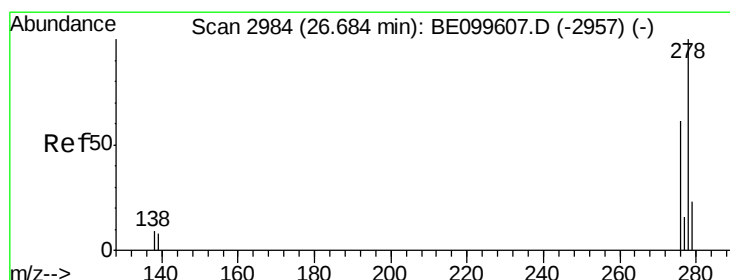
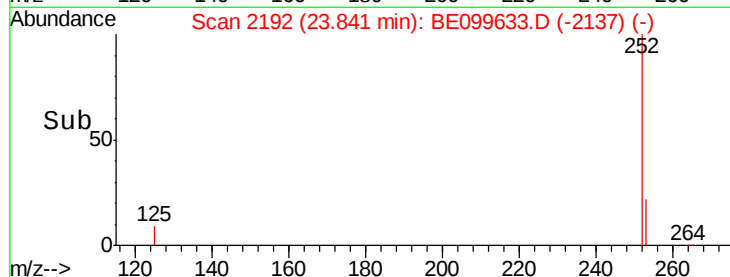
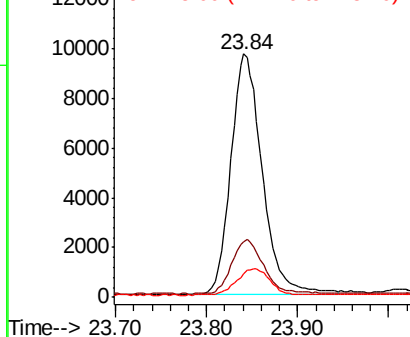
Tot Ion:	252	Resp:	23278
Ion Ratio	Lower	Upper	
252	100		
253	22.8	19.0	28.6
125	9.7	8.8	13.2

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



#38

Dibenzo(a,h)anthracene

Concen: 0.371 ng

RT: 26.68 min Scan# 2983

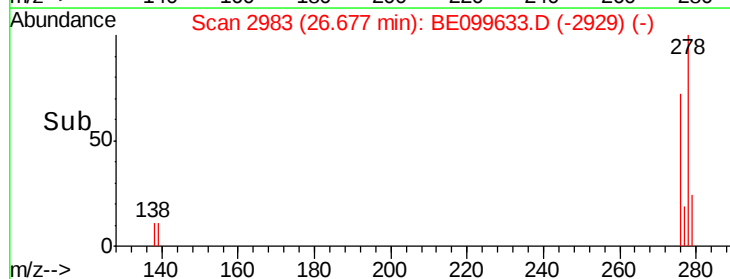
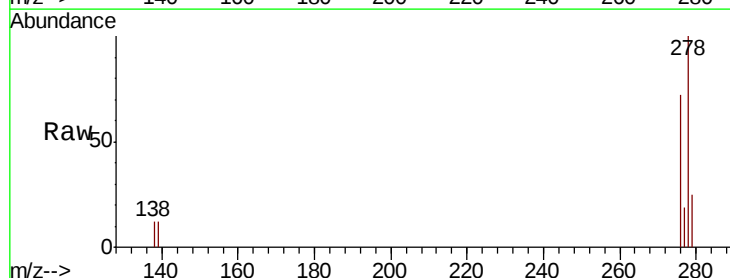
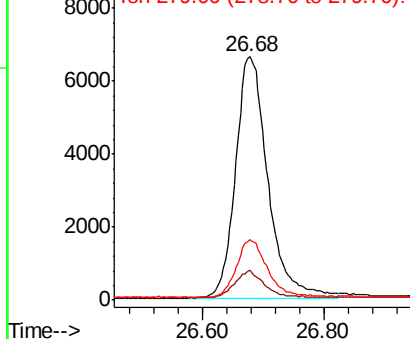
Delta R.T. -0.01 min

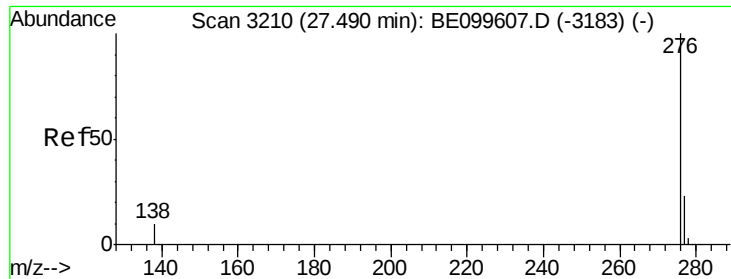
Lab File: BE099633.D

Acq: 16 May 2019 21:28

Tgt Ion:	278	Resp:	24552
Ion Ratio	Lower	Upper	
278	100		
139	12.0	7.9	11.9#
279	24.6	19.5	29.3

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: 0.374 ng

RT: 27.49 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE099633.D

Acq: 16 May 2019 21:28

Instrument :

BNA_E

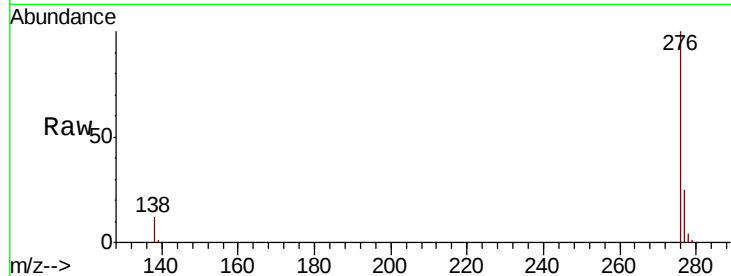
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	276	Resp:	24880
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.3	28.9
138	11.5	9.1	13.7

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

