

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099571.D
 Acq On : 7 May 2019 19:14
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

mohammad
 5/8/2019 3:59:41 PM

Quant Time: May 08 02:00:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 14:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2197	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	8008	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5563	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16044	0.40	ng	0.00
27) Chrysene-d12	21.43	240	21513	0.40	ng	0.00
34) Perylene-d12	23.97	264	24224	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2580	0.42	ng	0.00
5) Phenol-d6	6.99	99	3412	0.43	ng	0.00
8) Nitrobenzene-d5	8.98	82	3204	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	5504	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1447	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	8774	0.42	ng	0.00
25) Fluoranthene-d10	19.27	212	87215	0.40	ng	0.00
29) Terphenyl-d14	19.87	244	18492	0.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1211	0.390	ng	99
3) n-Nitrosodimethylamine	3.65	42	749	0.365	ng	# 94
6) bis(2-Chloroethyl)ether	7.24	93	2772	0.415	ng	100
9) Naphthalene	10.68	128	166981	1.969	ng	99
10) Hexachlorobutadiene	10.95	225	2480	0.403	ng	97
12) 2-Methylnaphthalene	12.30	142	25375	1.765	ng	92
16) Acenaphthylene	14.21	152	18041	0.672	ng	99
17) Acenaphthene	14.56	154	6937	0.463	ng	95
18) Fluorene	15.53	166	15107	0.705	ng	98
20) 4-Bromophenyl-phenylether	16.43	248	3659	0.401	ng	# 88
21) Hexachlorobenzene	16.55	284	3687	0.407	ng	98
22) Pentachlorophenol	16.89	266	1362	0.365	ng	99
23) Phenanthrene	17.28	178	47988	1.214	ng	99
24) Anthracene	17.38	178	21428	0.563	ng	99
26) Fluoranthene	19.30	202	40099	0.658	ng	100
28) Pyrene	19.67	202	48011	0.833	ng	99
30) Benzo(a)anthracene	21.40	228	38945	0.584	ng	97
31) Chrysene	21.46	228	36398	0.553	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	49985	0.473	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	36342	0.465	ng	99
35) Benzo(b)fluoranthene	23.19	252	33766m	0.505	ng	
36) Benzo(k)fluoranthene	23.24	252	31498	0.479	ng	98
37) Benzo(a)pyrene	23.85	252	32965	0.512	ng	99
38) Dibenzo(a,h)anthracene	26.70	278	28701	0.431	ng	# 95
39) Benzo(g,h,i)perylene	27.51	276	30141	0.452	ng	99

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

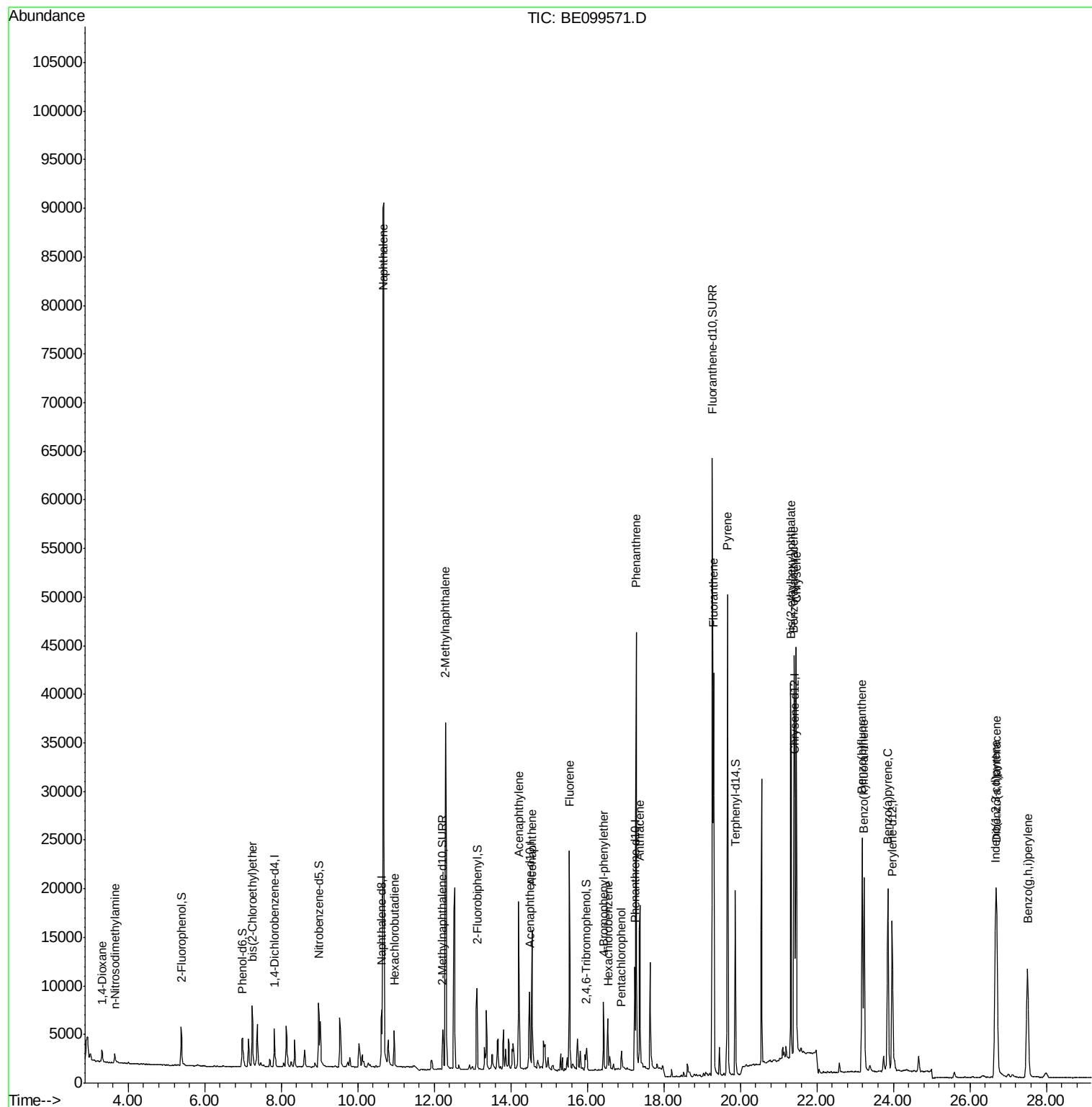
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
Data File : BE099571.D
Acq On : 7 May 2019 19:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

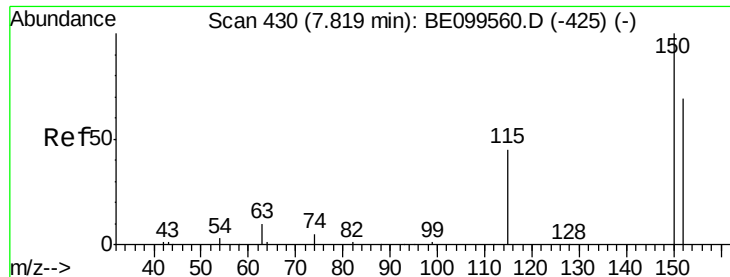
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations
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Quant Time: May 08 02:00:01 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 14:10:11 2019
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#1

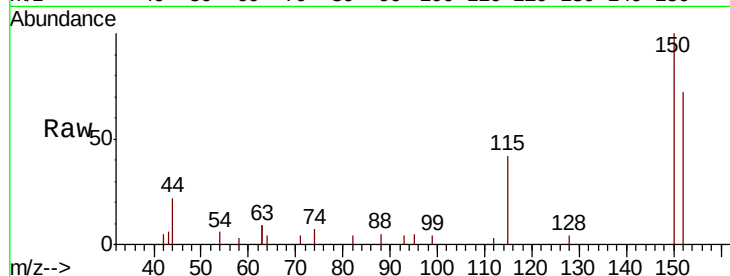
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.9	113.8	170.6
115	58.4	54.2	81.2

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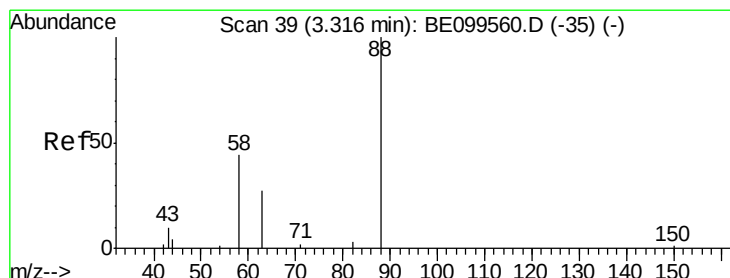
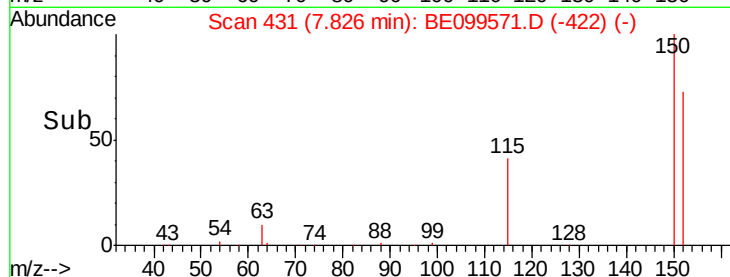
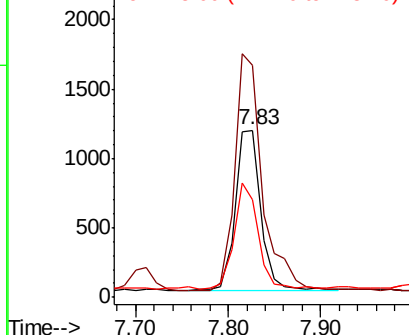


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

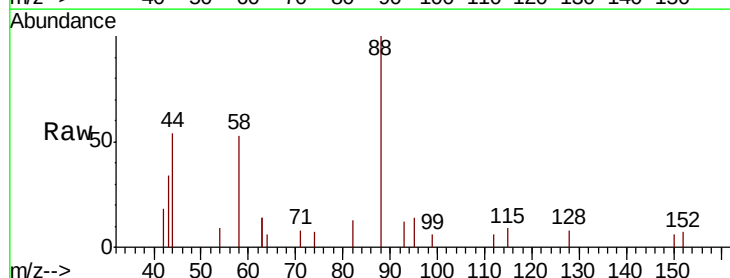
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.390 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.0	46.6	69.8
43	24.7	20.3	30.5

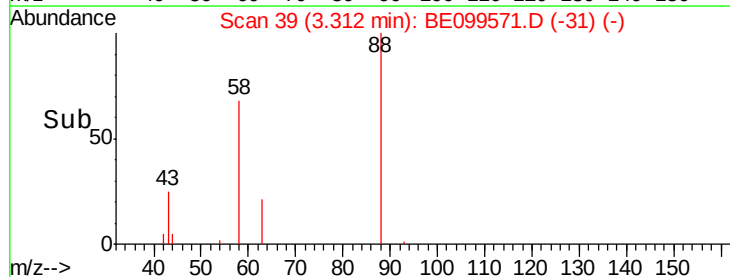
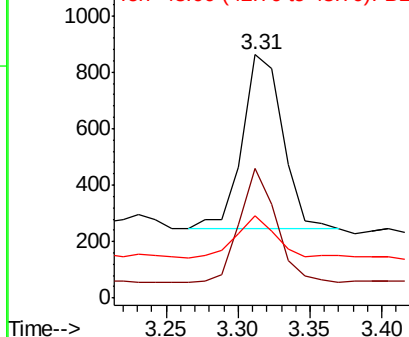


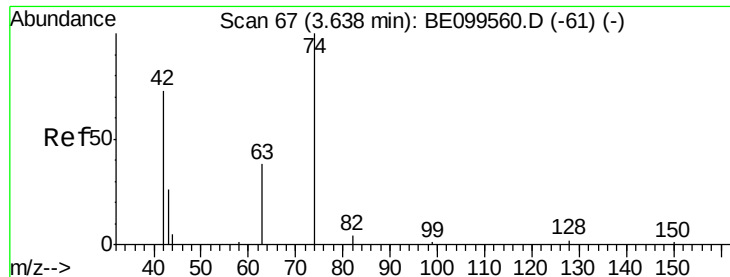
Abundance

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: 0.365 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

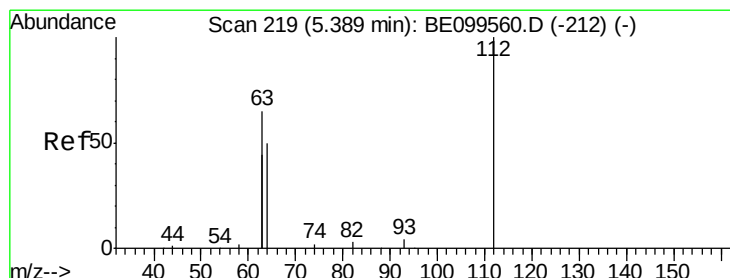
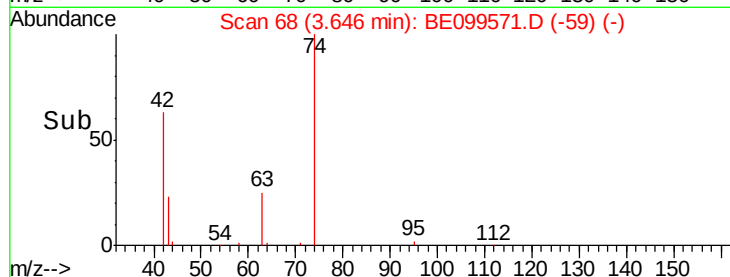
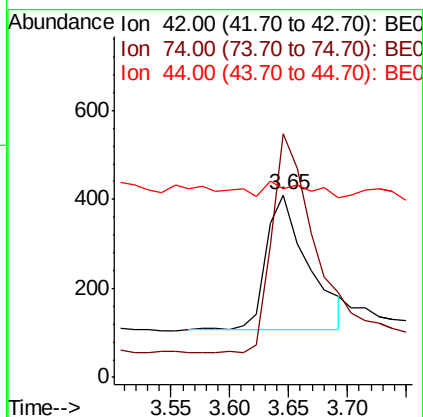
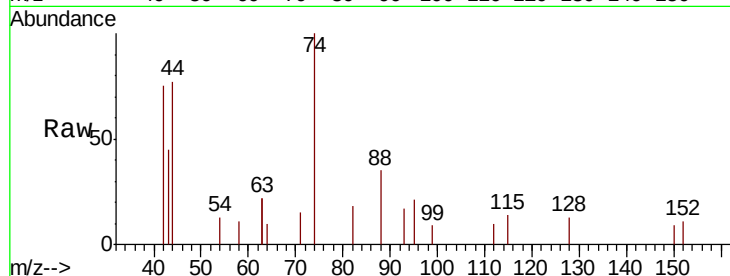
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	42	Resp:	749
Ion	Ratio	Lower	Upper
42	100		
74	159.1	121.3	181.9
44	10.9	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.424 ng

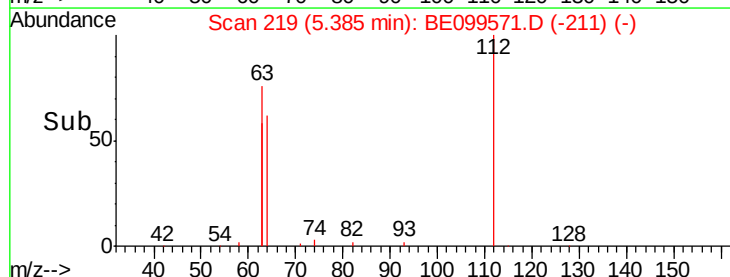
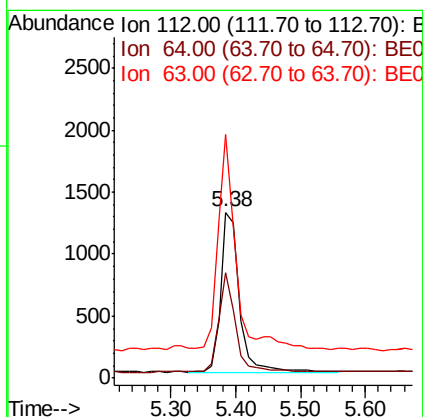
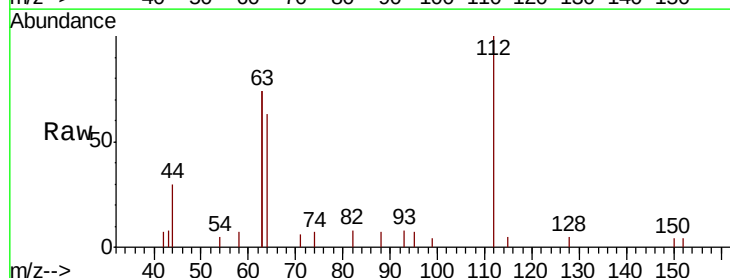
RT: 5.38 min Scan# 219

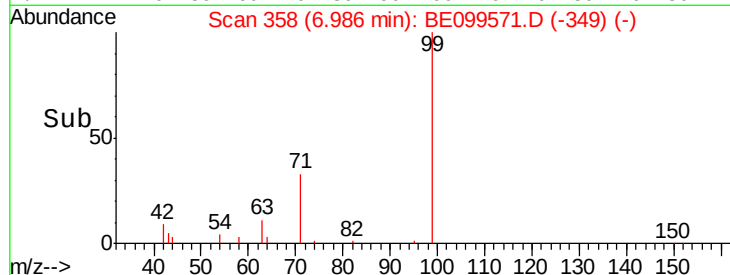
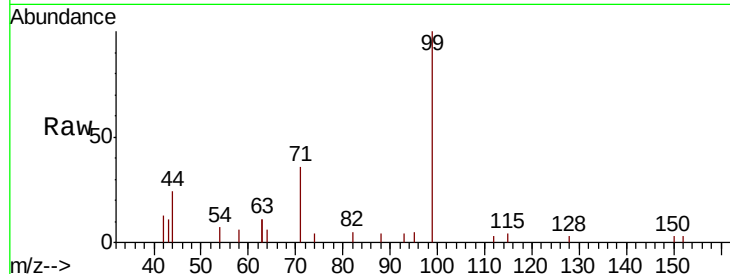
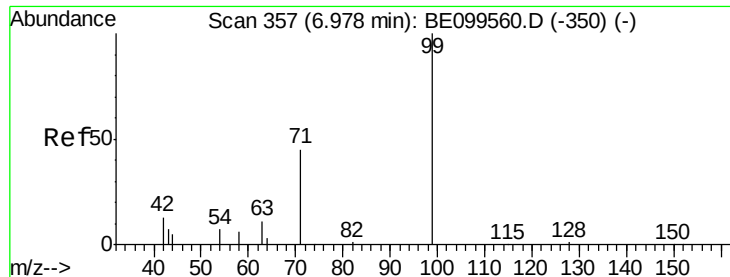
Delta R.T. -0.00 min

Lab File: BE099571.D

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Tgt Ion:	112	Resp:	2580
Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.3	69.5
63	117.0	99.6	149.4





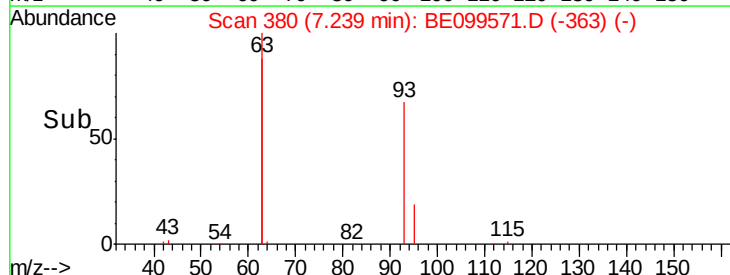
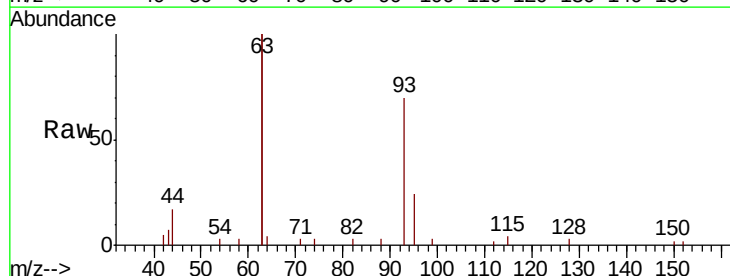
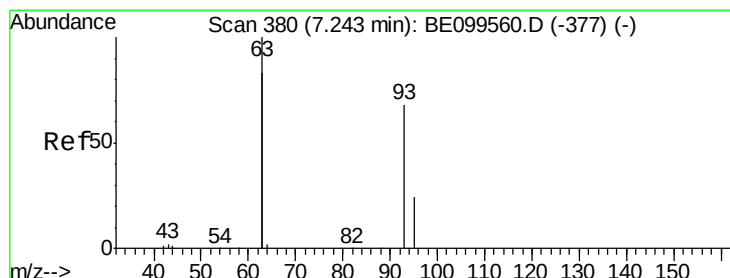
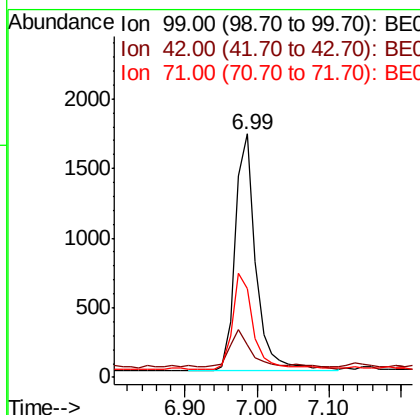
#5
Phenol-d6
Concen: 0.426 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tot Ion:	99	Resp:	3412
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.4	20.0
71	39.9	34.2	51.2

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

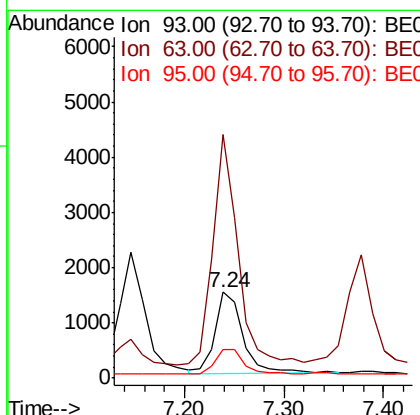
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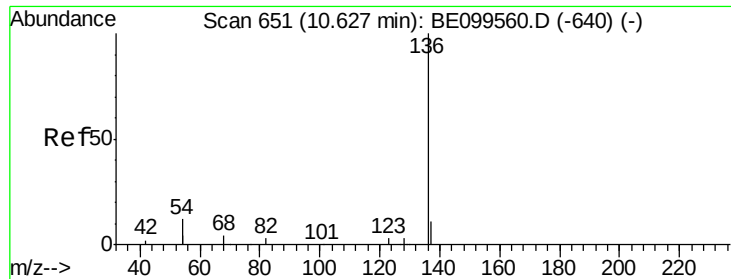
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#6
bis(2-Chloroethyl)ether
Concen: 0.415 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion:	93	Resp:	2772
Ion	Ratio	Lower	Upper
93	100		
63	261.3	209.0	313.4
95	32.2	26.9	40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

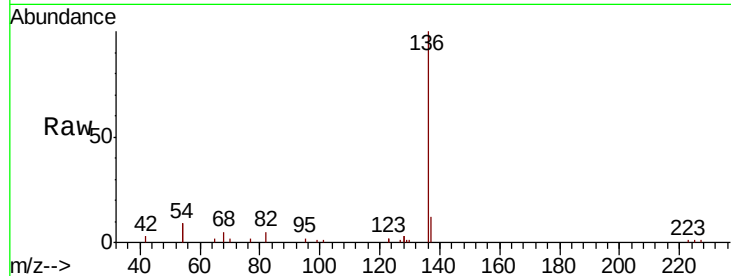
ClientSampleId :

SSTDCCC0.4EC

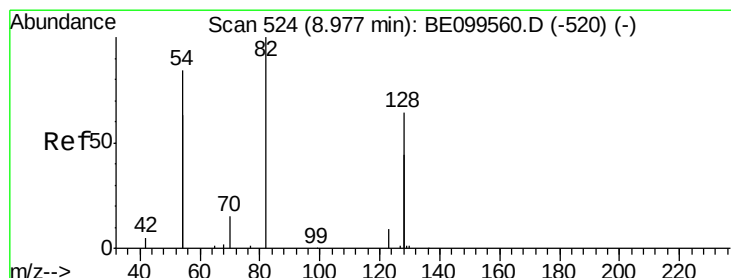
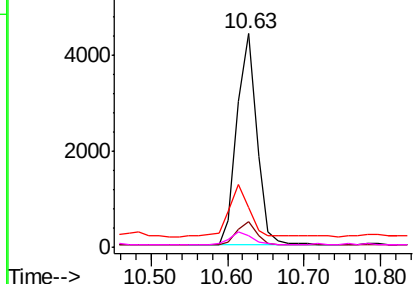
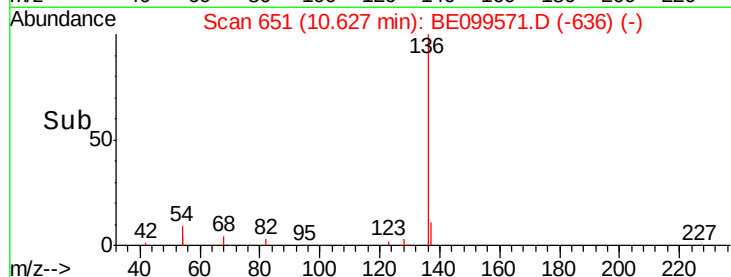
Tot Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.0	15.0
54	18.7	18.6	28.0
68	5.1	4.6	6.8

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.415 ng

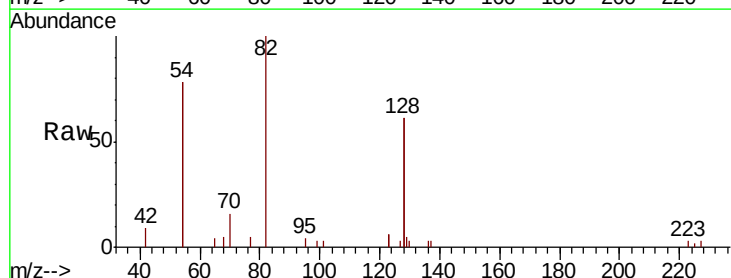
RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

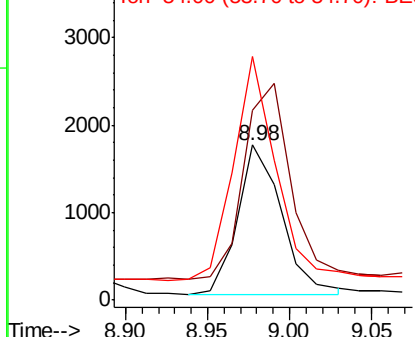
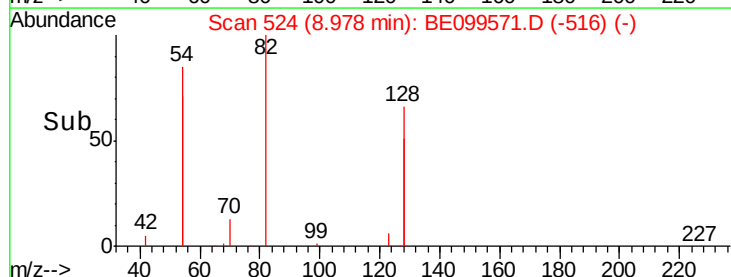
Lab File: BE099571.D

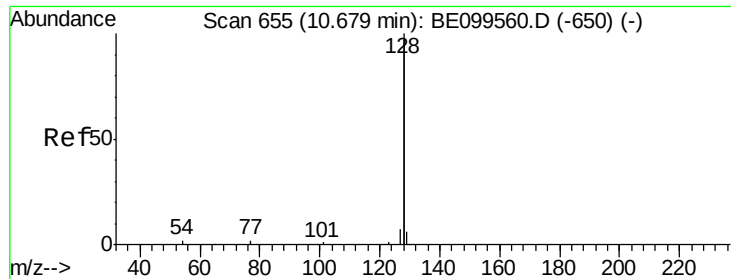
Acq: 7 May 2019 19:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	122.1	97.6	146.4
54	156.9	127.4	191.2



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: 1.969 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

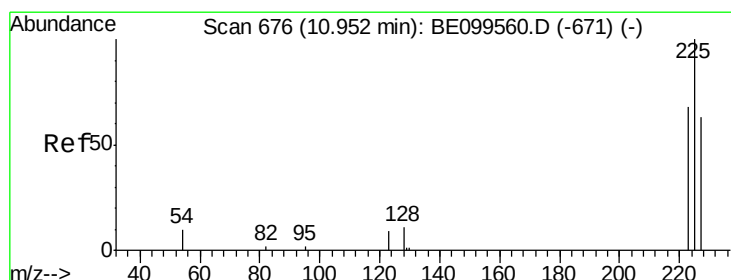
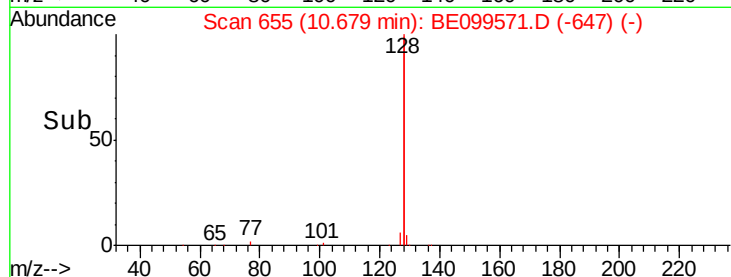
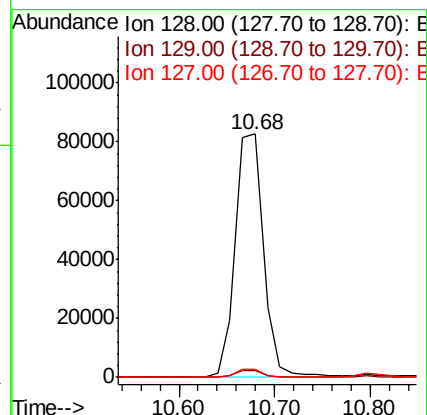
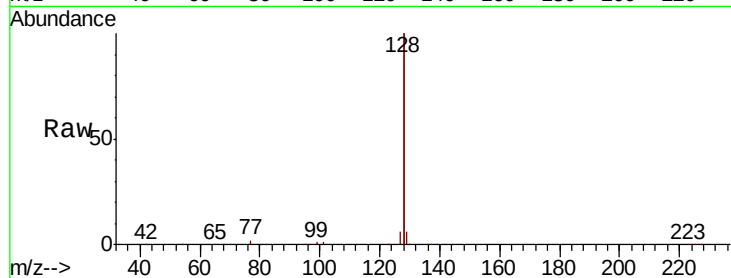
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.2	3.0	4.4

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#10

Hexachlorobutadiene

Concen: 0.403 ng

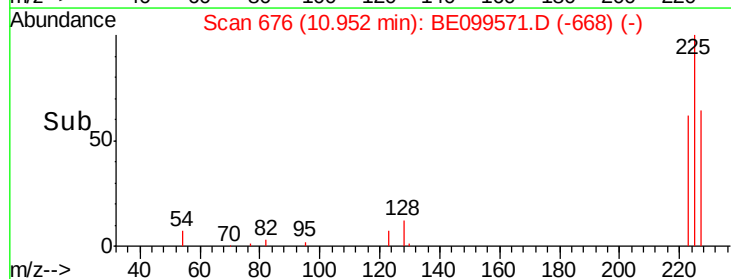
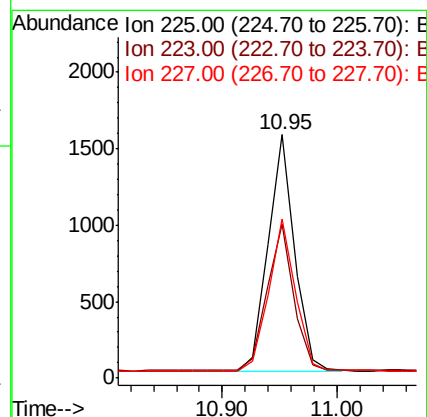
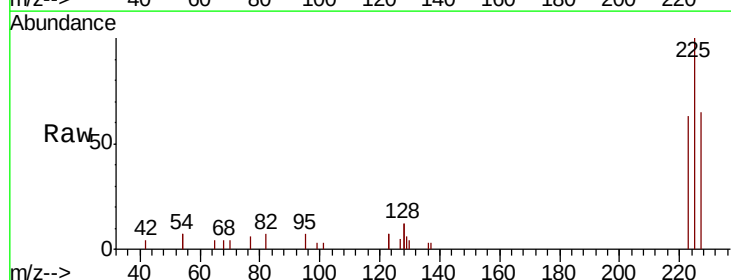
RT: 10.95 min Scan# 676

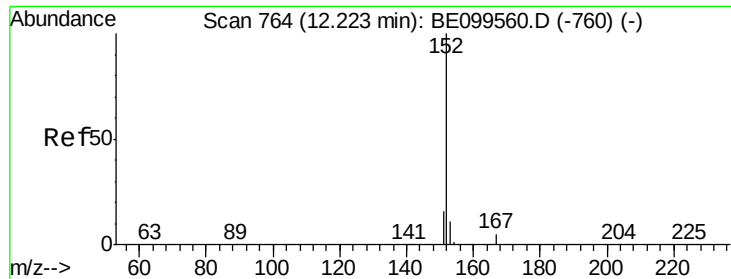
Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	53.0	79.6
227	65.2	51.4	77.0





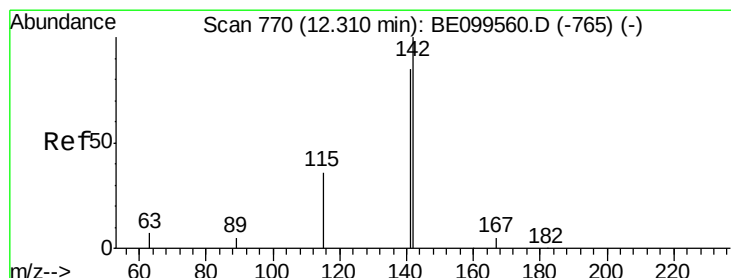
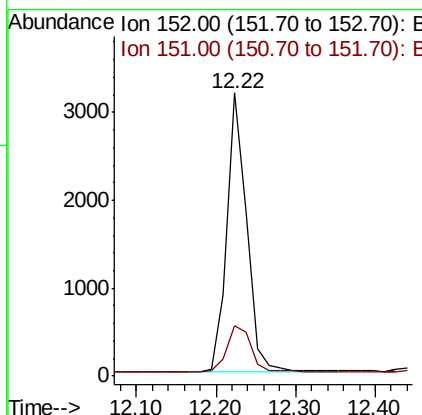
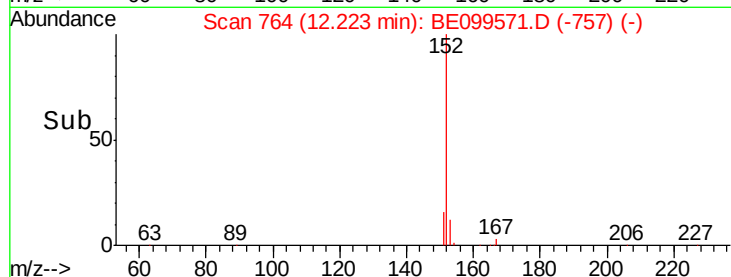
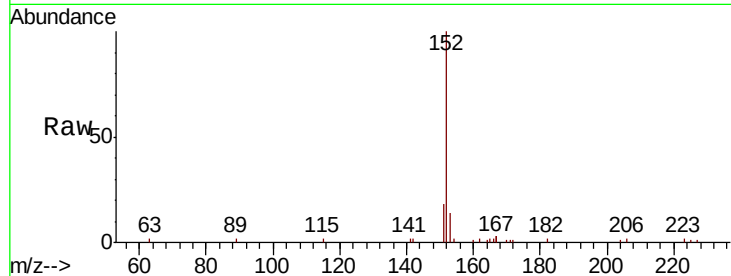
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8

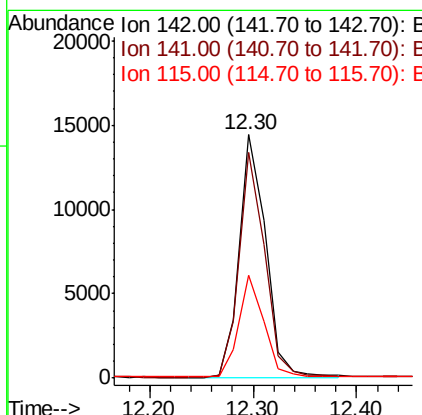
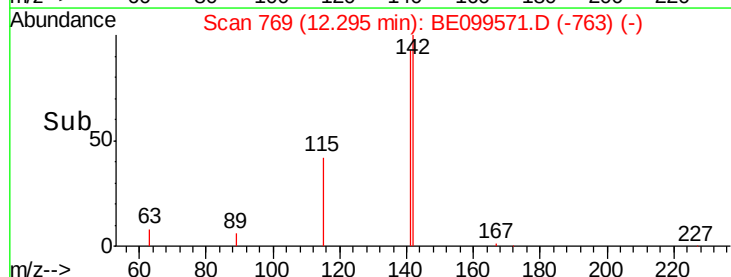
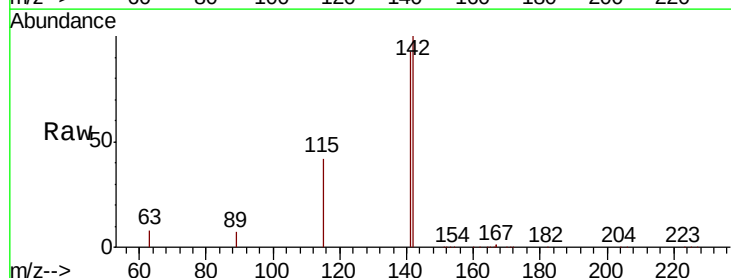
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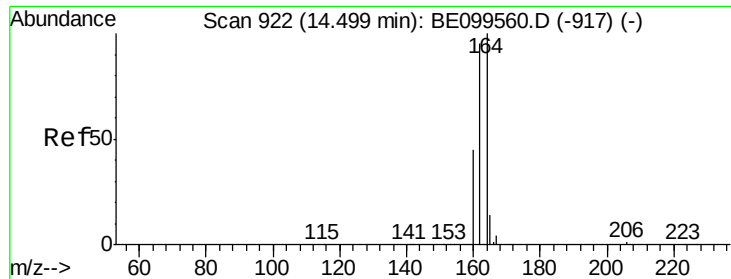
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#12
2-Methylnaphthalene
Concen: 1.765 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	68.1	102.1
115	42.2	30.8	46.2





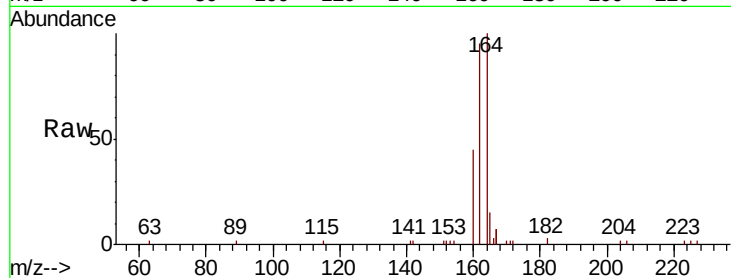
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.7	76.4	114.6
160	44.7	36.6	55.0

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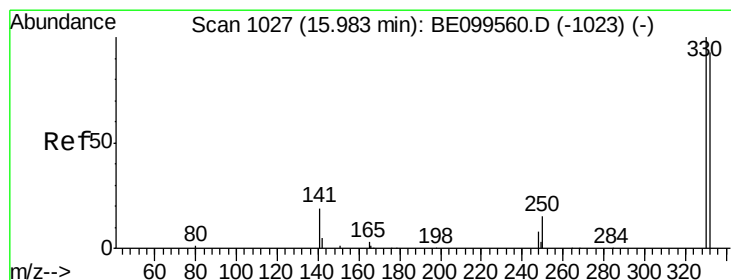
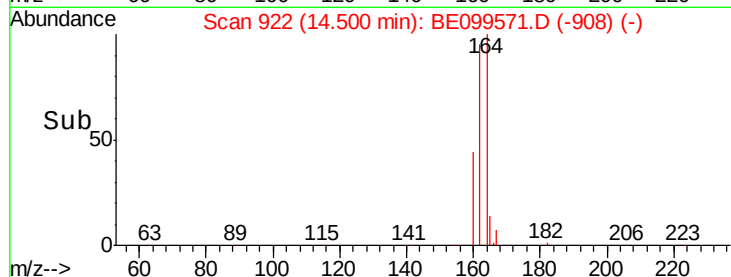
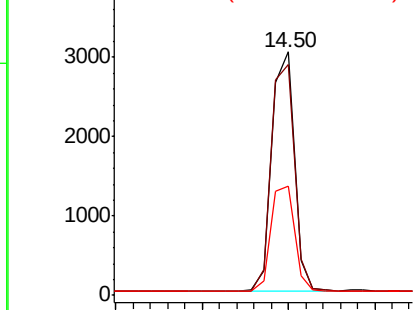


Abundance

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: 0.391 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

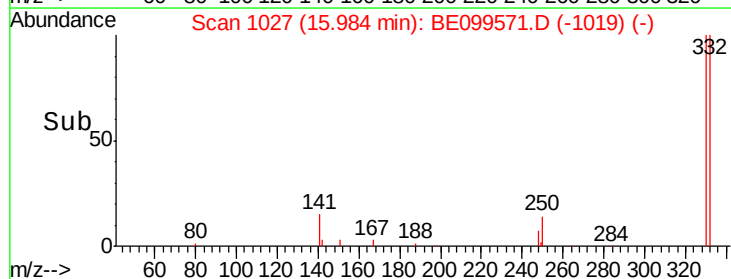
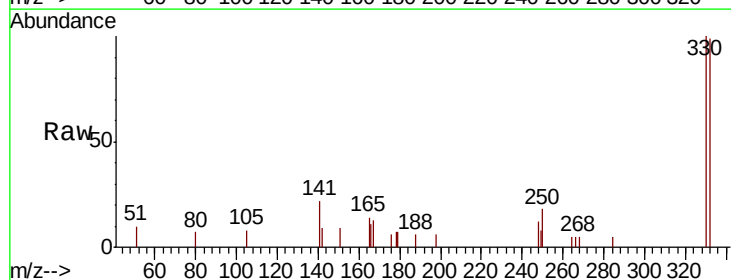
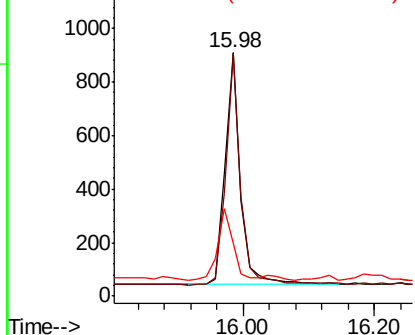
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.7	116.5
141	30.3	26.1	39.1

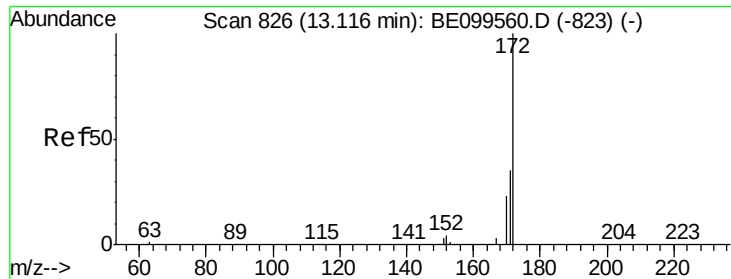
Abundance

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





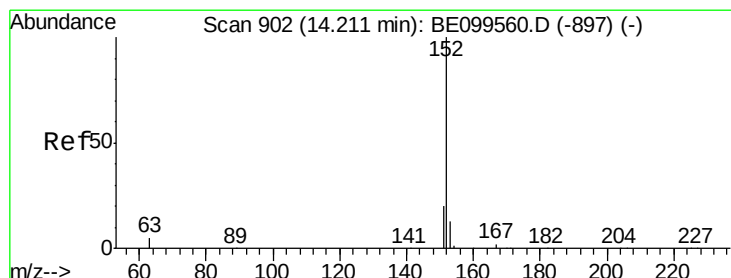
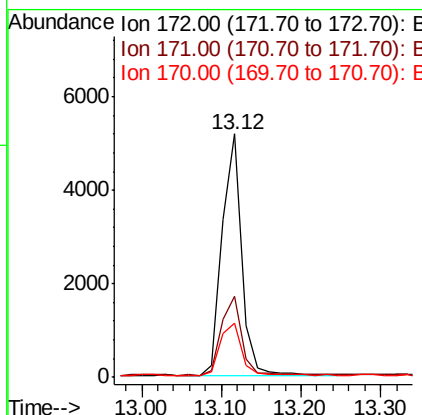
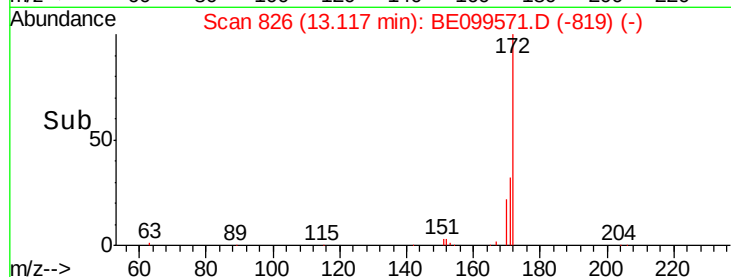
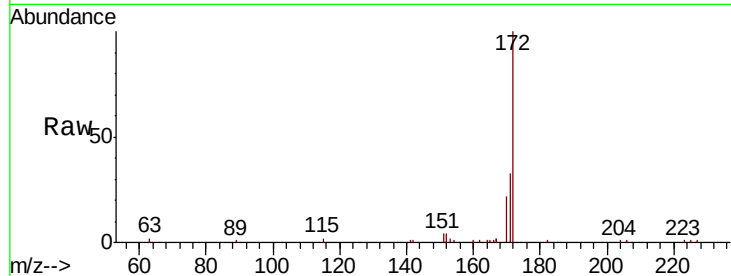
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.4	42.6
170	22.5	18.8	28.2

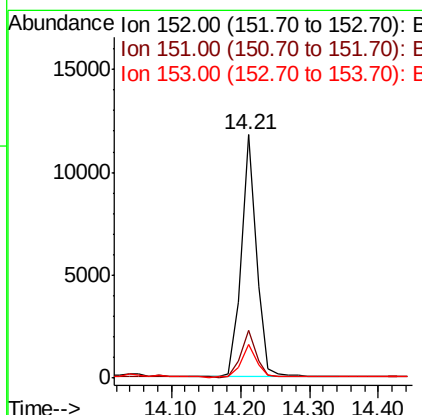
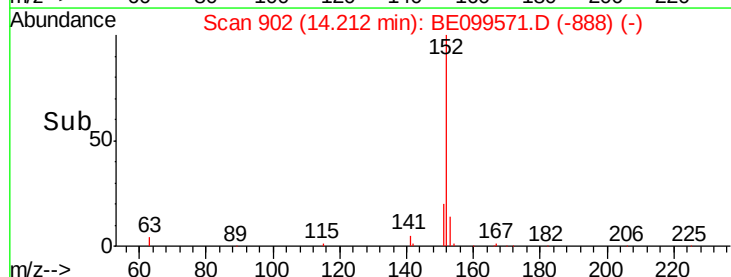
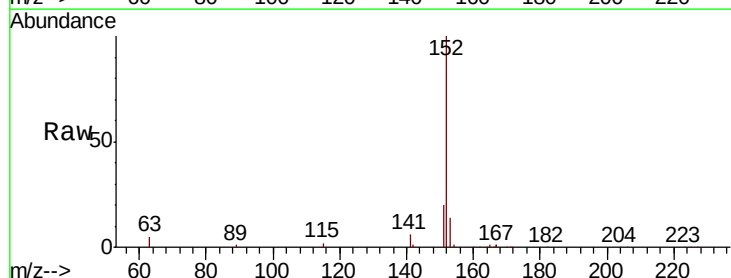
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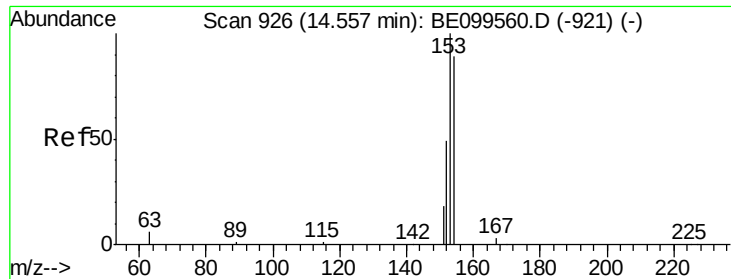
mohammad
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#16
Acenaphthylene
Concen: 0.672 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	13.8	10.5	15.7





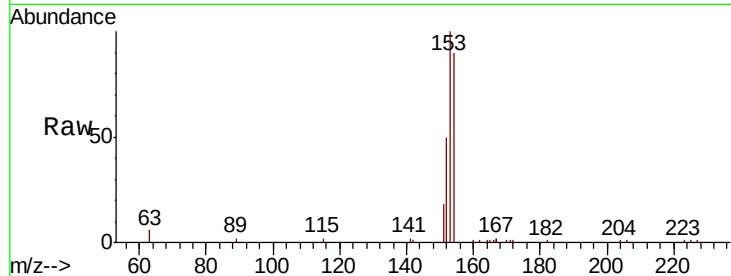
#17
Acenaphthene
Concen: 0.463 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.3	89.7	134.5
152	58.5	43.9	65.9

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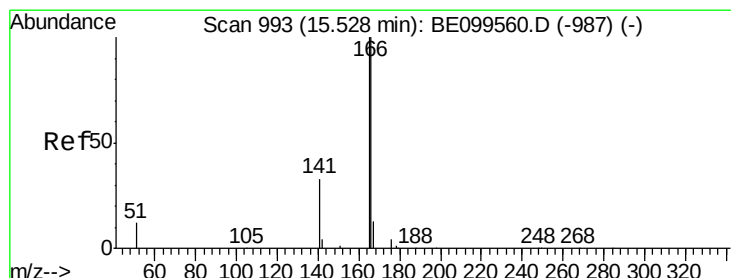
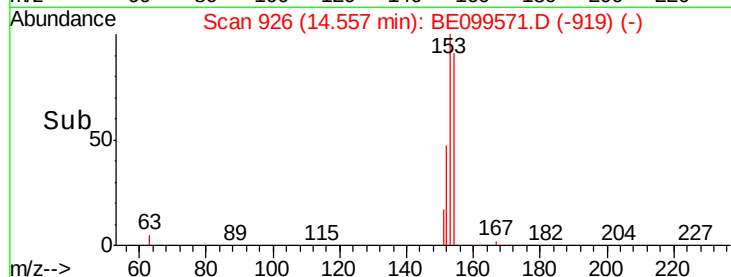
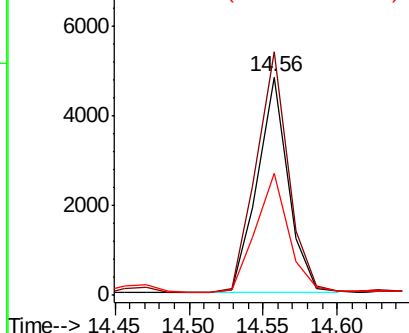


Abundance

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: 0.705 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

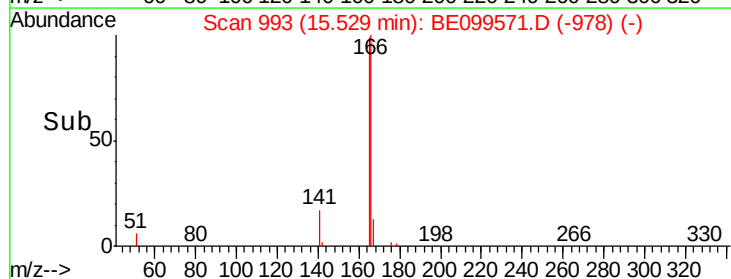
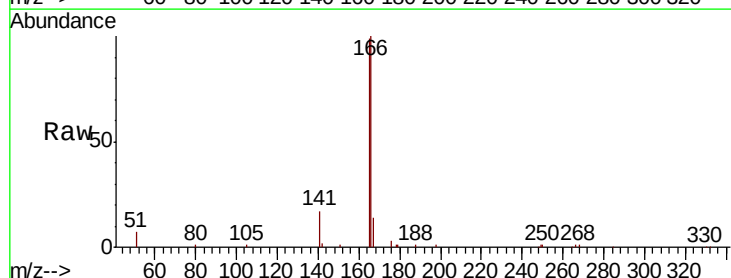
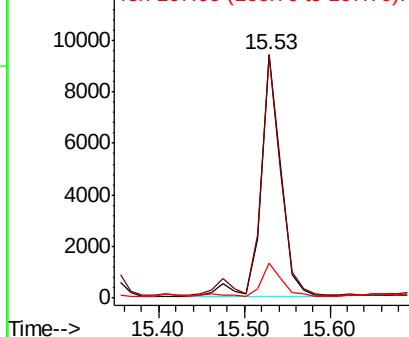
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.0	118.6
167	13.6	11.5	17.3

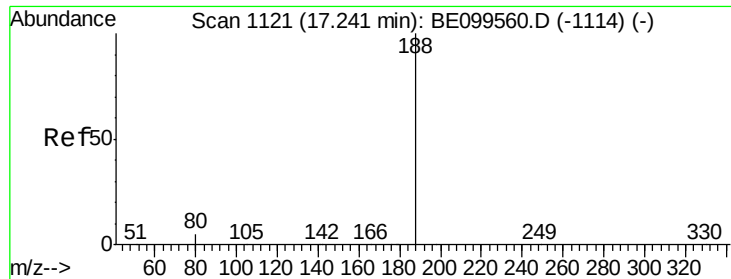
Abundance

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





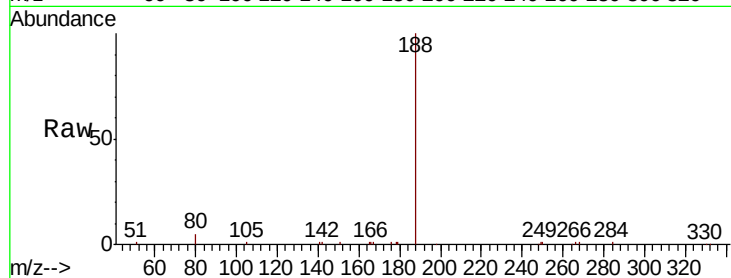
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

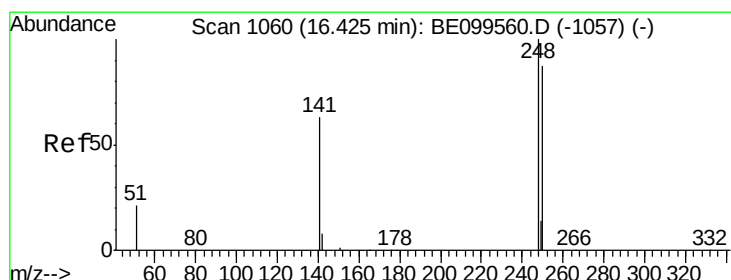
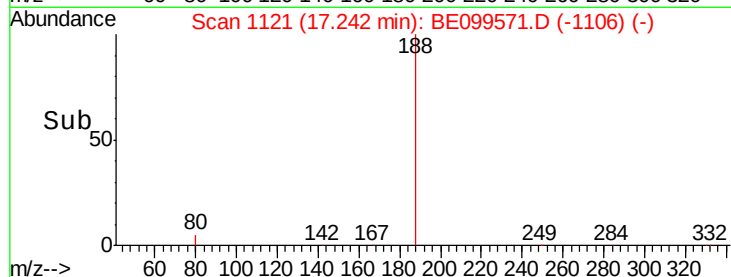
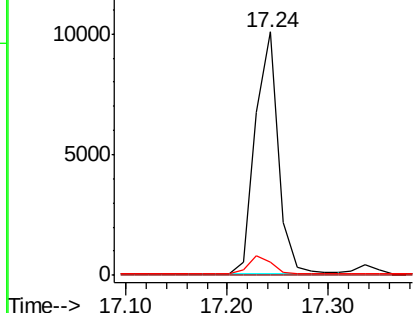
Tot Ion:	188	Resp:	16044
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.3	4.6	7.0

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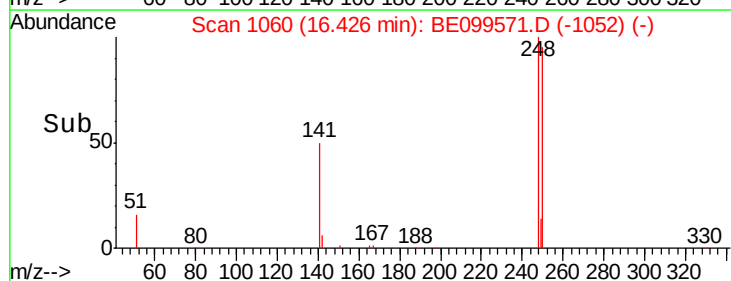
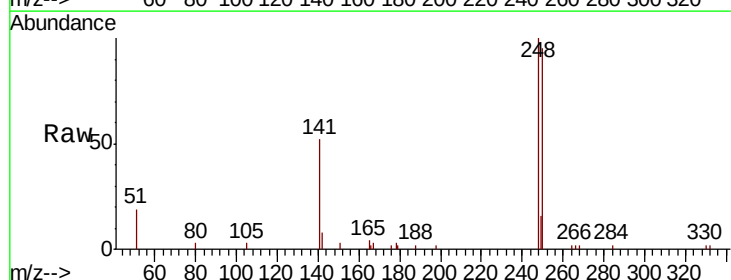
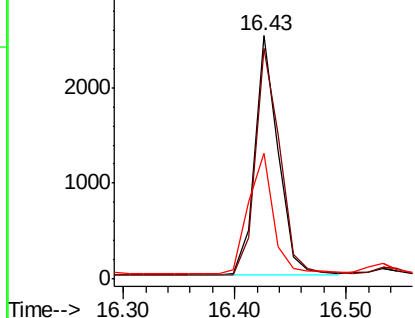
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

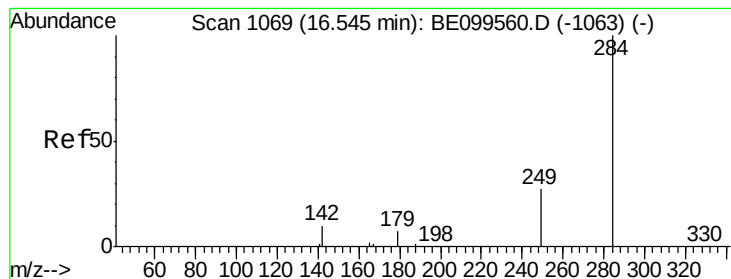


#20
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion:	248	Resp:	3659
Ion Ratio	Lower	Upper	
248	100		
250	95.0	70.0	105.0
141	51.8	51.8	77.8#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

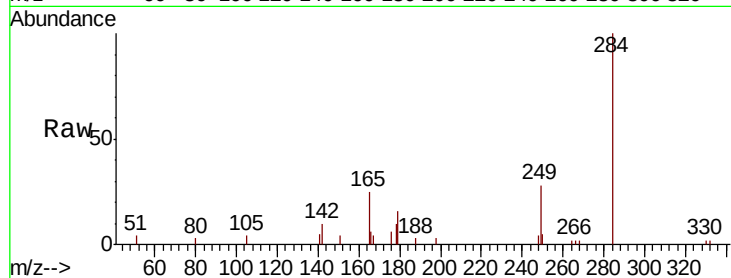
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	284	Resp:	3687
Ion Ratio		Lower	Upper
284	100		
142	26.3	19.5	29.3
249	32.4	26.2	39.2

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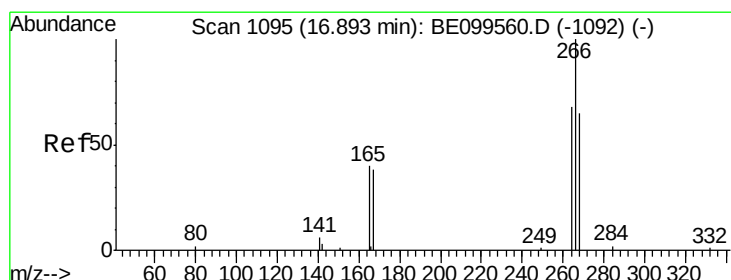
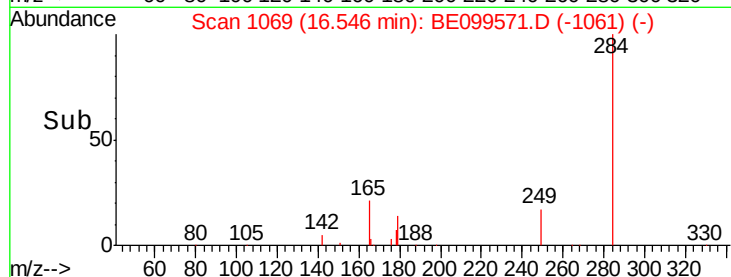
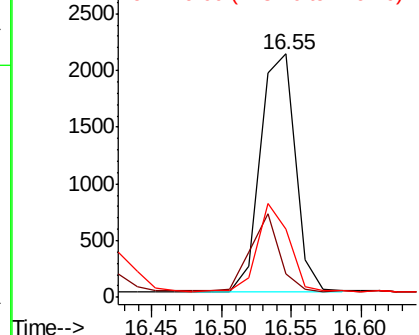


Abundance

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: 0.365 ng

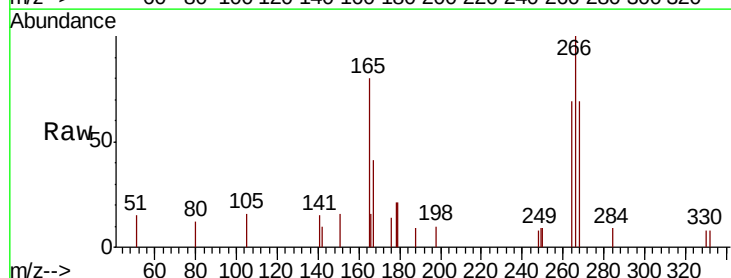
RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Tgt Ion:	266	Resp:	1362
Ion Ratio		Lower	Upper
266	100		
264	69.3	56.6	84.8
268	69.1	55.8	83.8

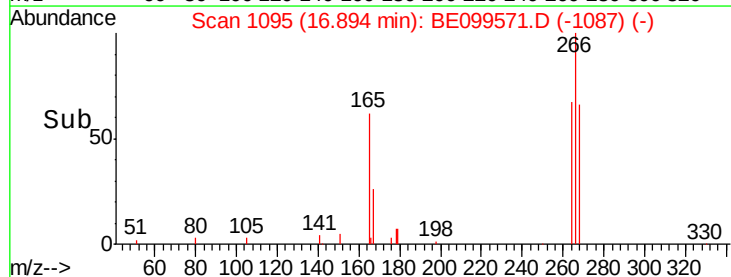
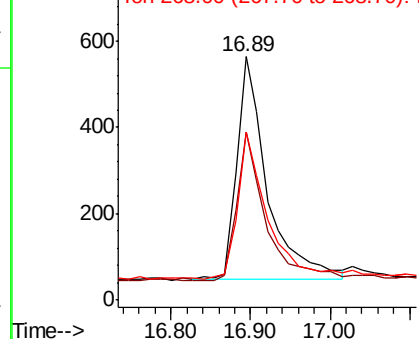


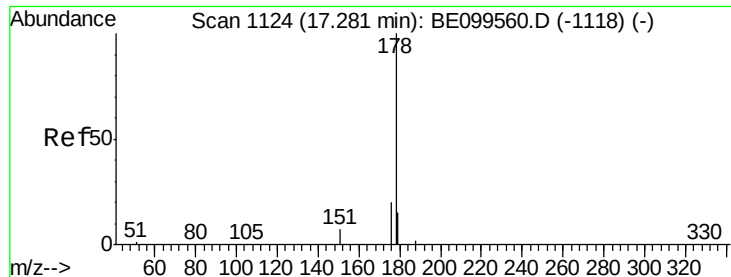
Abundance

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: 1.214 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 47988

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

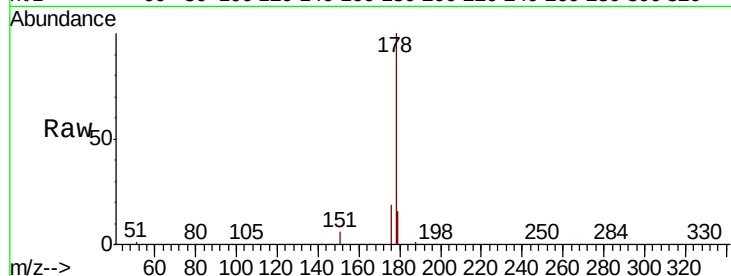
179 15.2 12.5 18.7

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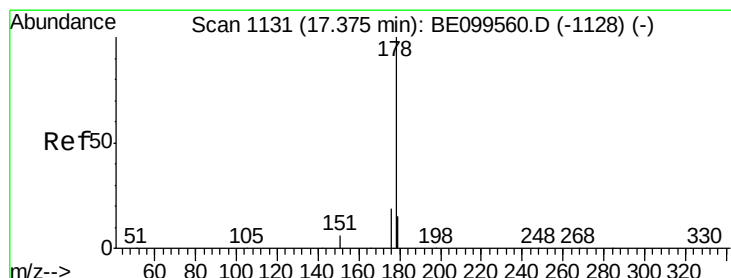
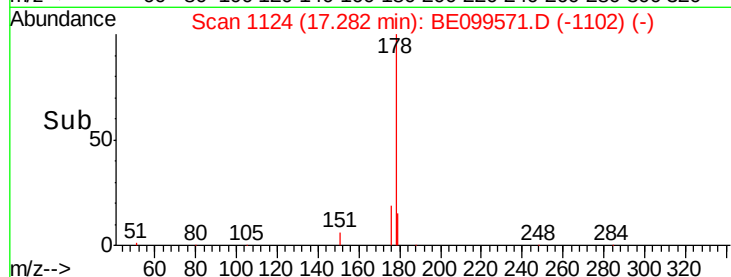
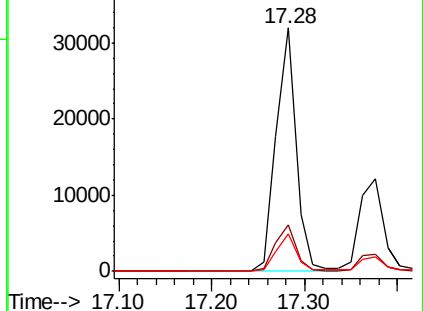
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.563 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Tgt Ion:178 Resp: 21428

Ion Ratio Lower Upper

178 100

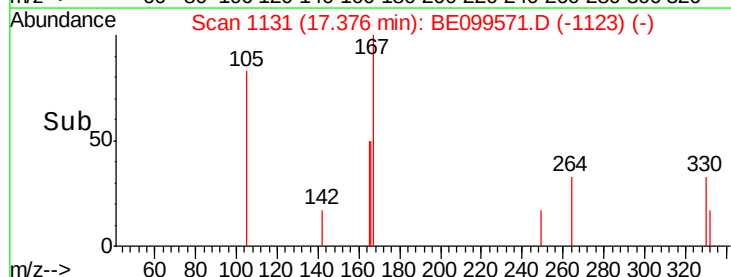
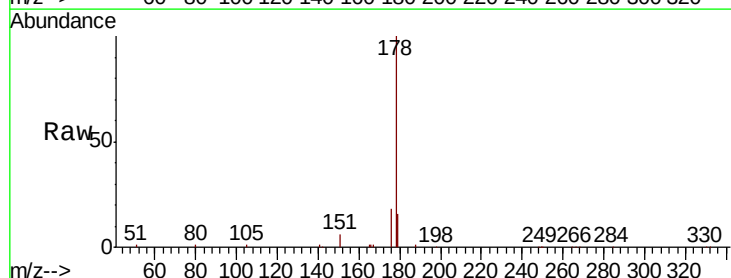
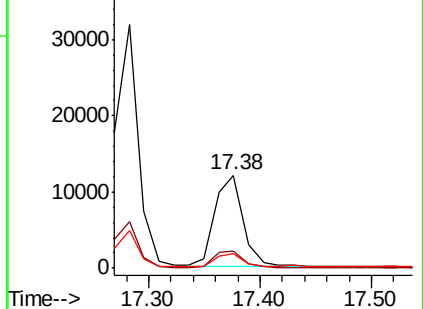
176 19.0 15.3 22.9

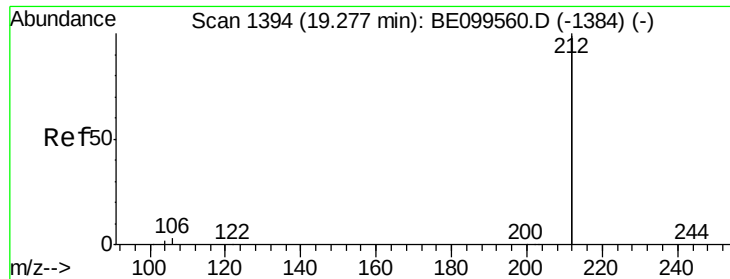
179 14.8 12.2 18.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

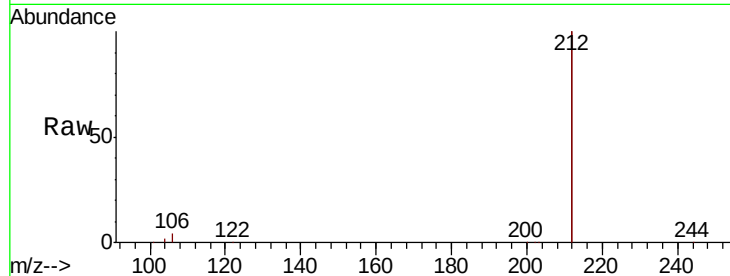
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	212	Resp:	87215
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

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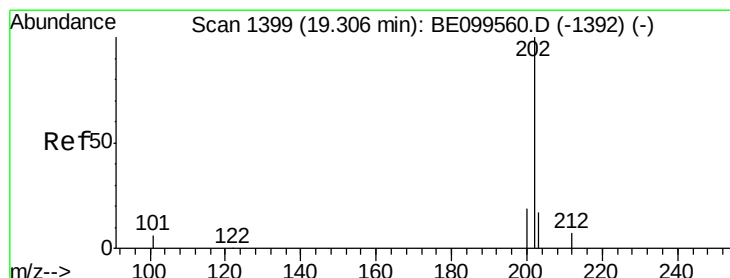
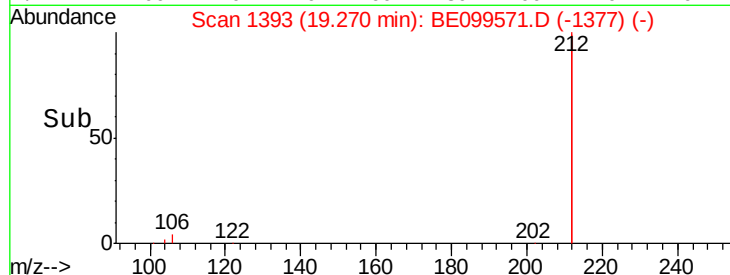
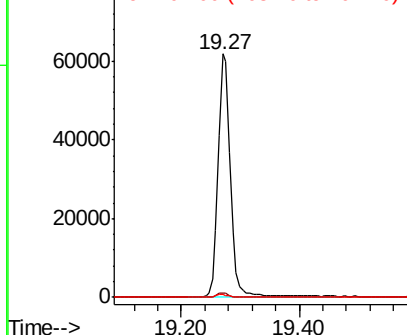


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.658 ng

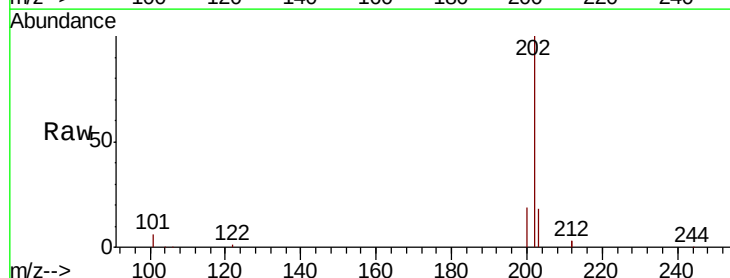
RT: 19.30 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Tgt Ion:	202	Resp:	40099
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.3	7.9
203	17.0	13.4	20.2

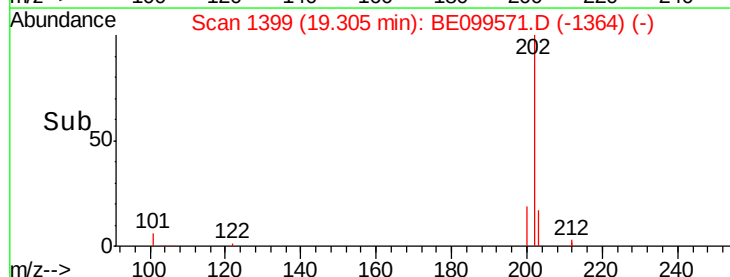
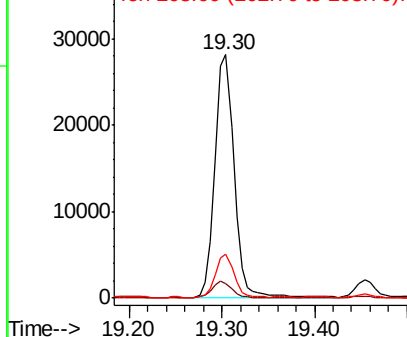


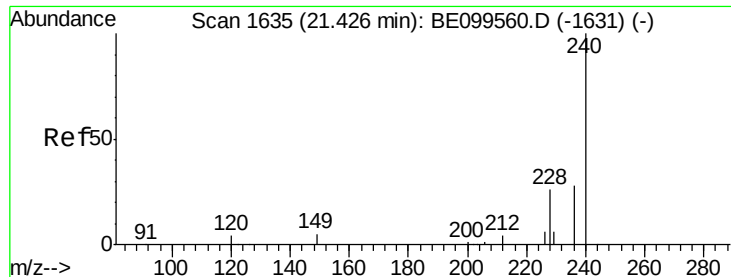
Abundance

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: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

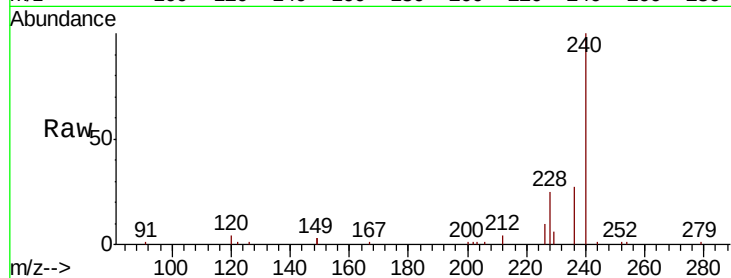
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.7	3.8	5.6#
236	26.7	22.5	33.7

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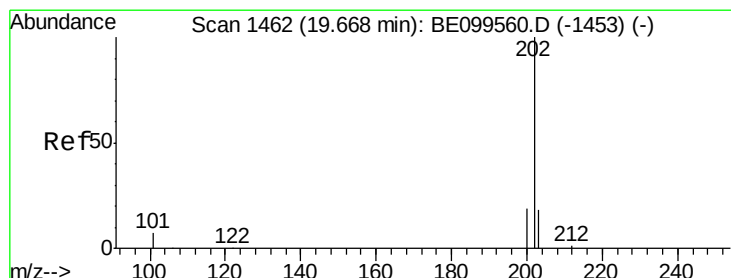
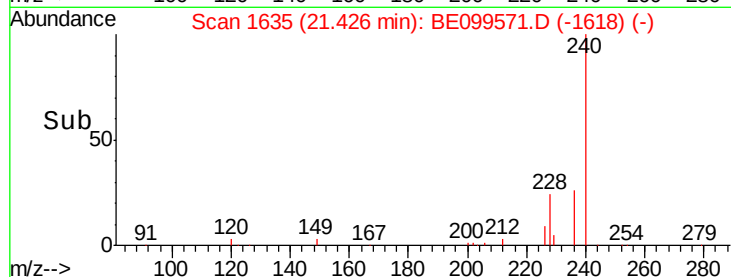
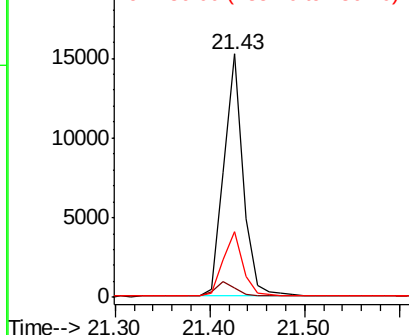


Abundance

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: 0.833 ng

RT: 19.67 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

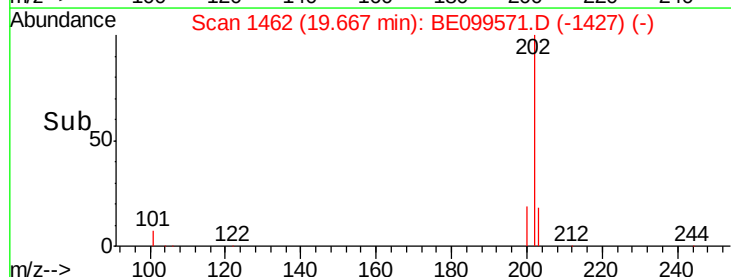
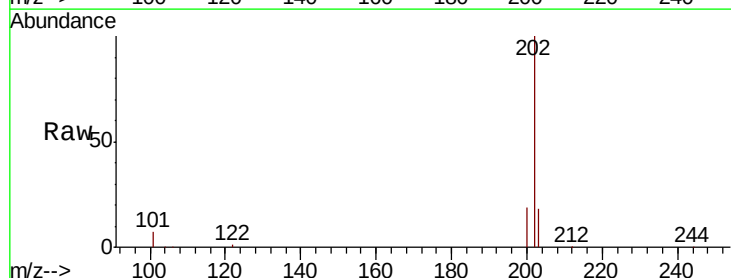
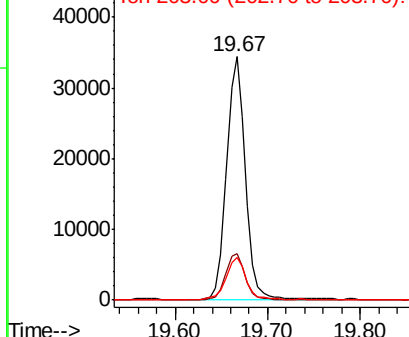
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.8	23.6
203	18.2	14.1	21.1

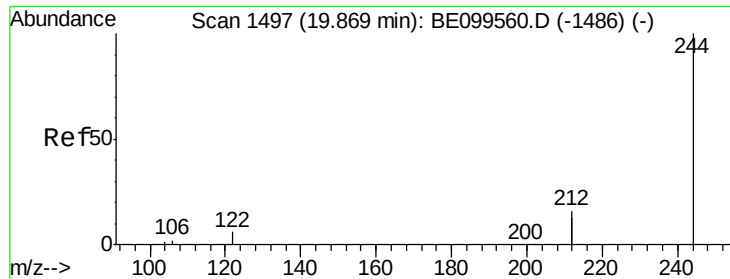
Abundance

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: 0.464 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

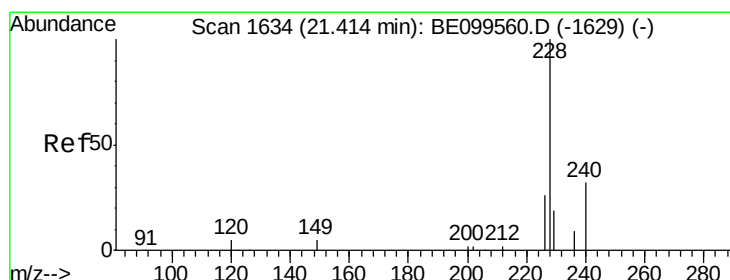
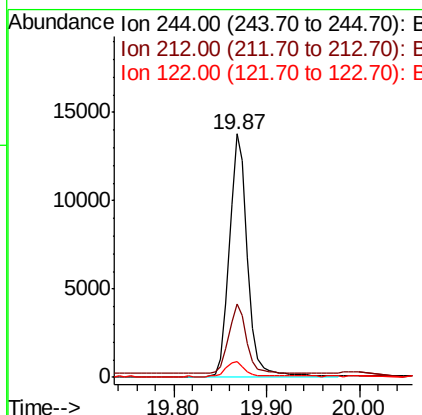
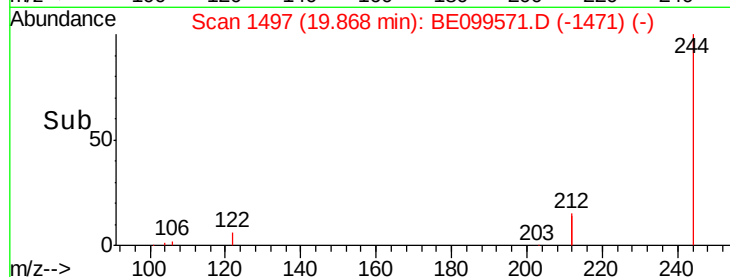
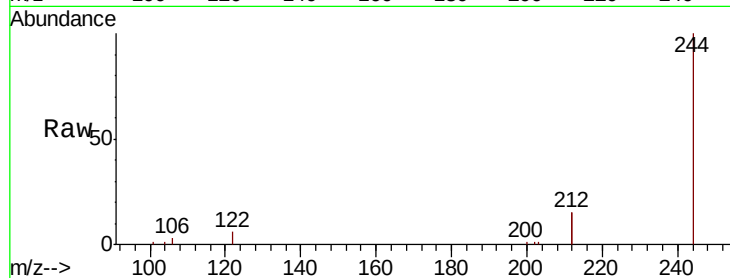
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	244	Resp:	18492
Ion Ratio	Lower	Upper	
244	100		
212	30.3	24.6	37.0
122	6.3	5.0	7.6

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#30

Benzo(a)anthracene

Concen: 0.584 ng

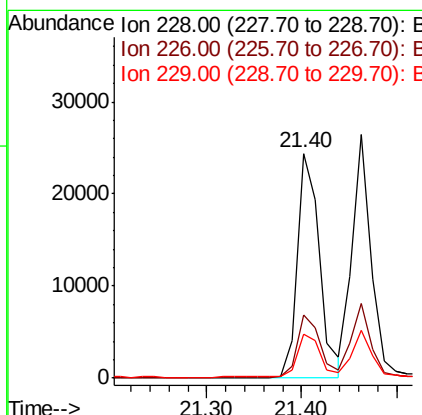
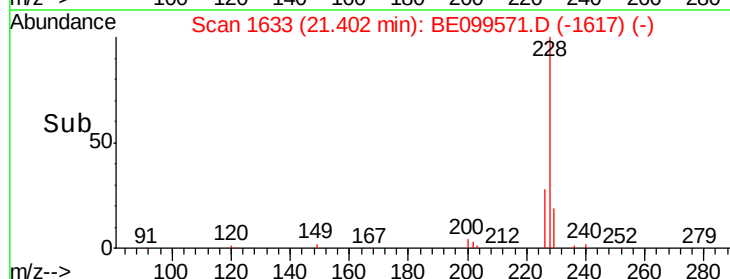
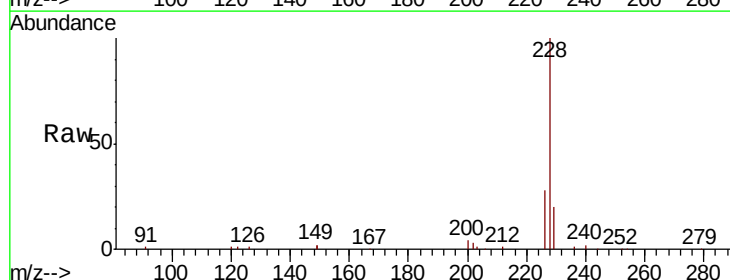
RT: 21.40 min Scan# 1633

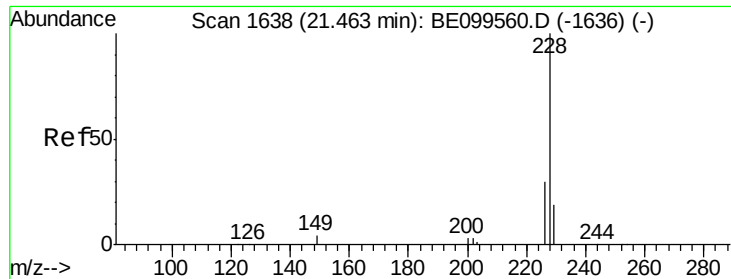
Delta R.T. -0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Tgt Ion:	228	Resp:	38945
Ion Ratio	Lower	Upper	
228	100		
226	28.0	20.9	31.3
229	19.6	16.1	24.1





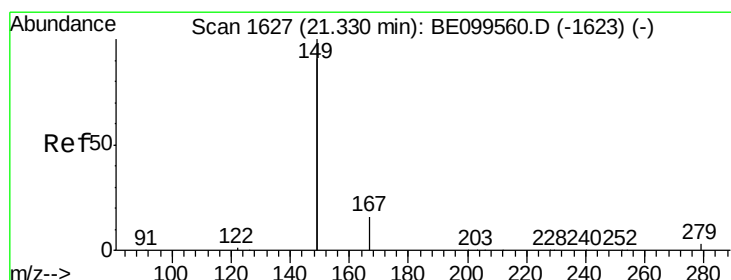
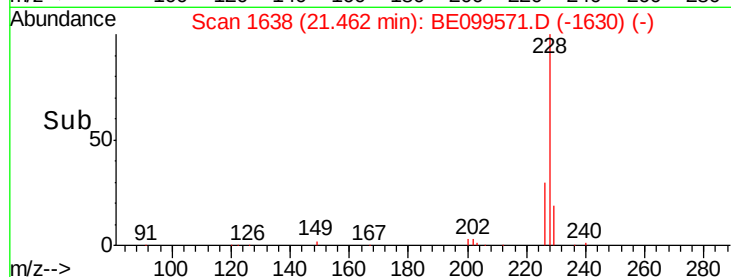
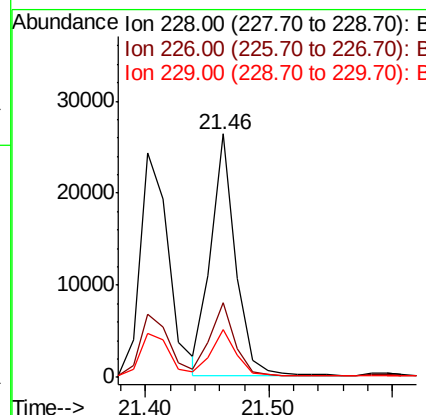
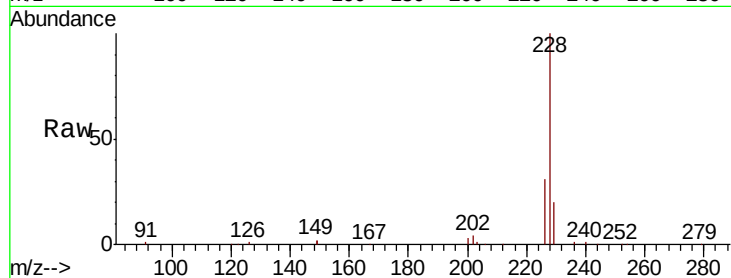
#31
Chrysene
Concen: 0.553 ng
RT: 21.46 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	19.8	15.8	23.6

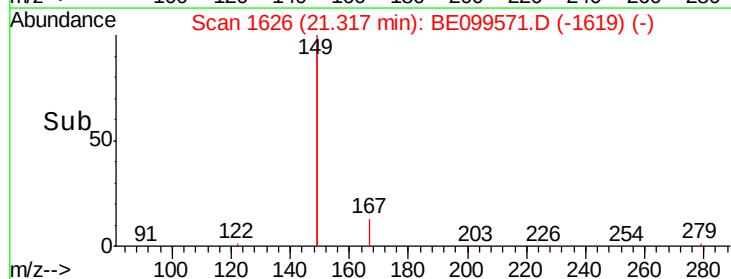
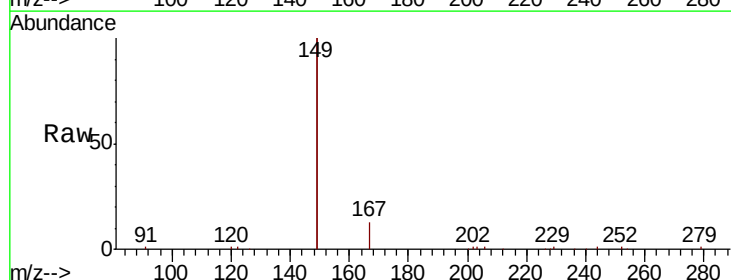
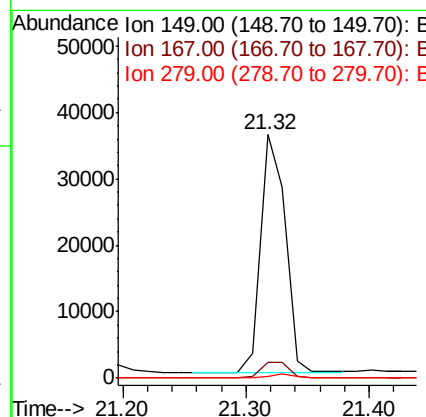
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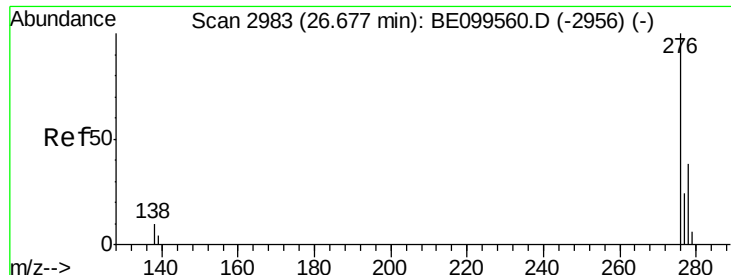
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.473 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.1	9.1
279	1.4	1.3	1.9





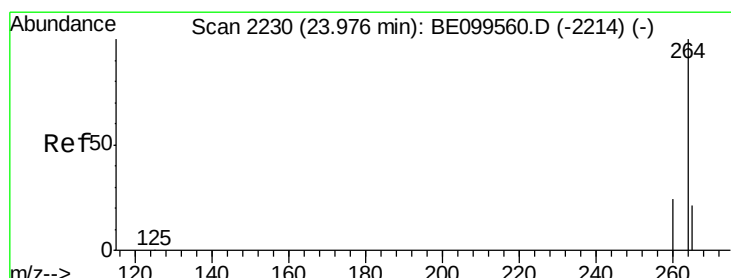
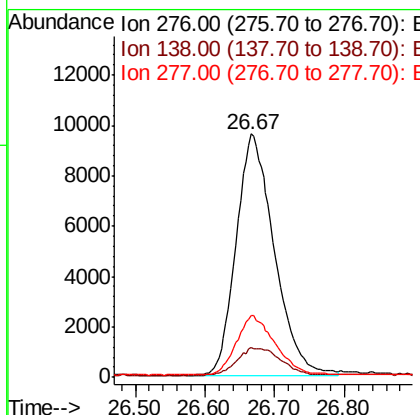
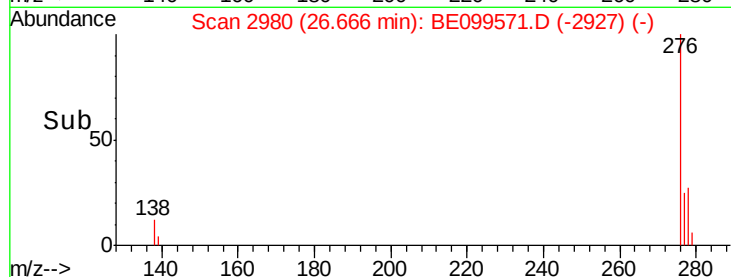
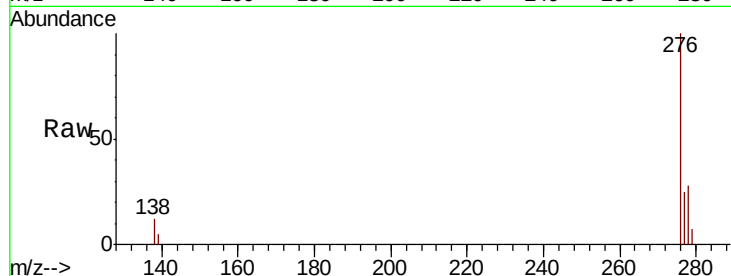
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.465 ng
RT: 26.67 min Scan# 2980
Delta R.T. -0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	9.5	14.3
277	24.6	19.7	29.5

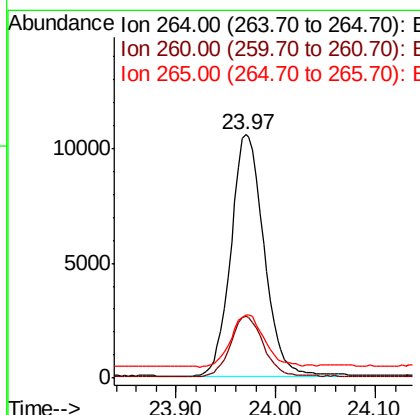
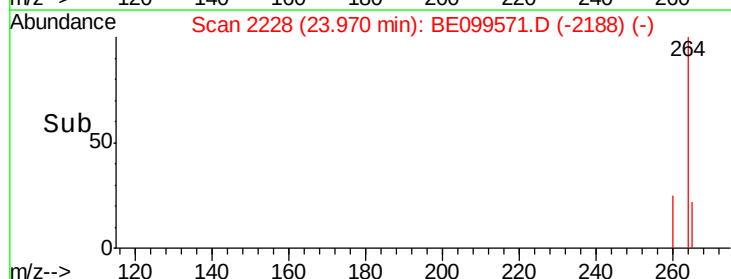
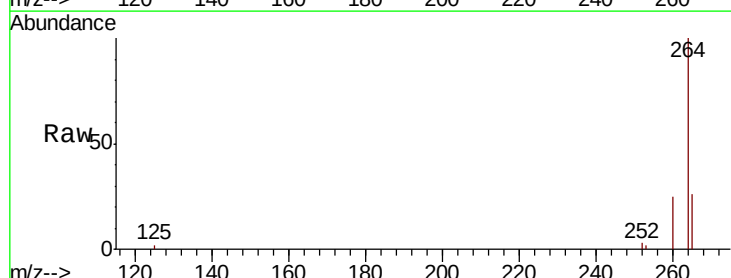
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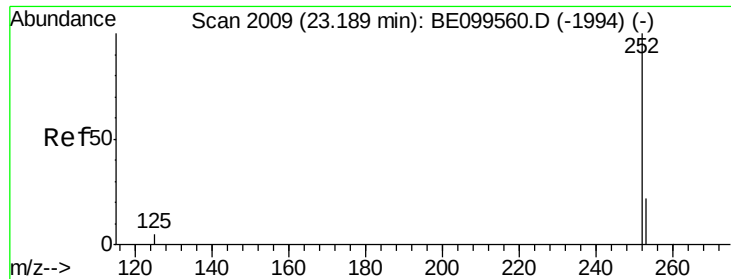
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.9	29.9
265	25.9	22.2	33.2





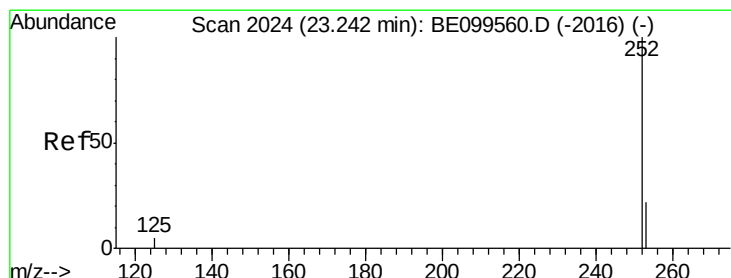
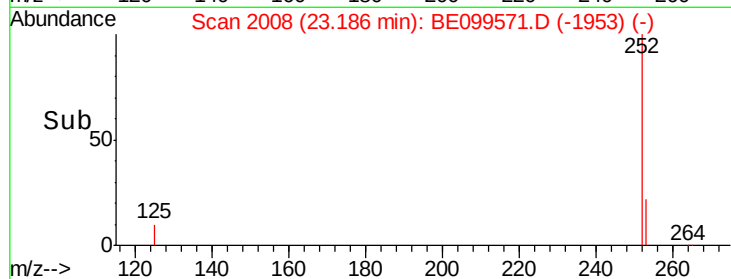
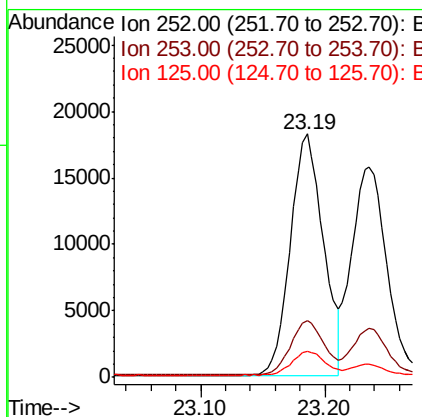
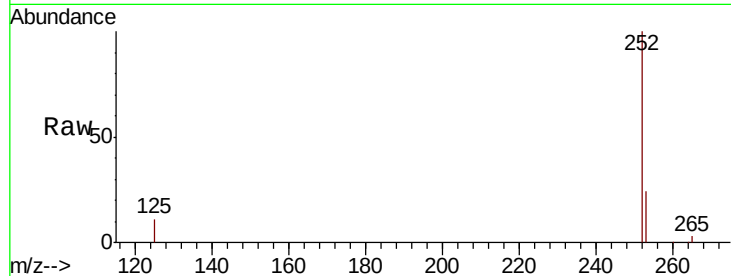
#35
Benzo(b)fluoranthene
Concen: 0.505 ng m
RT: 23.19 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	10.7	5.8	8.6

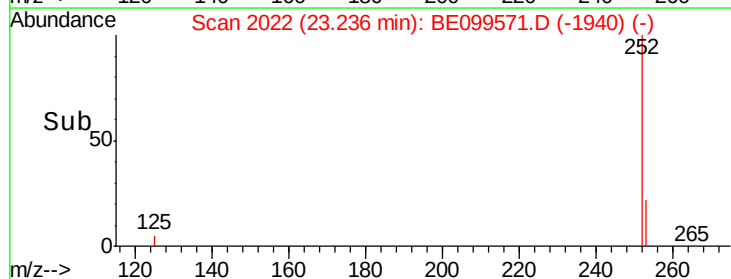
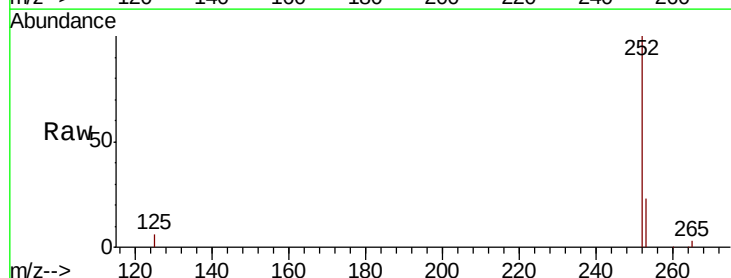
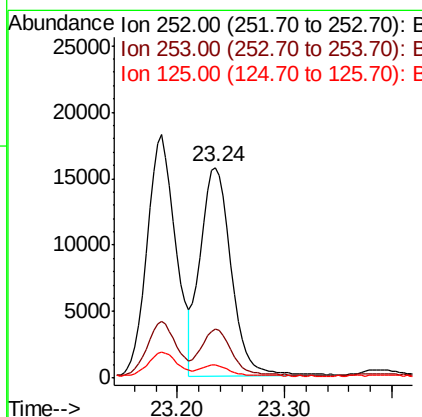
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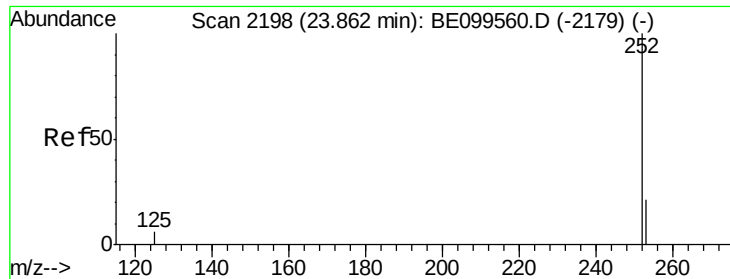
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#36
Benzo(k)fluoranthene
Concen: 0.479 ng
RT: 23.24 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.1	28.7
125	6.3	5.8	8.6





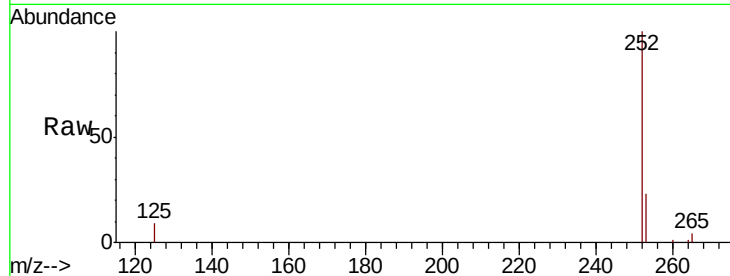
#37
Benzo(a)pyrene
Concen: 0.512 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	9.2	6.6	9.8

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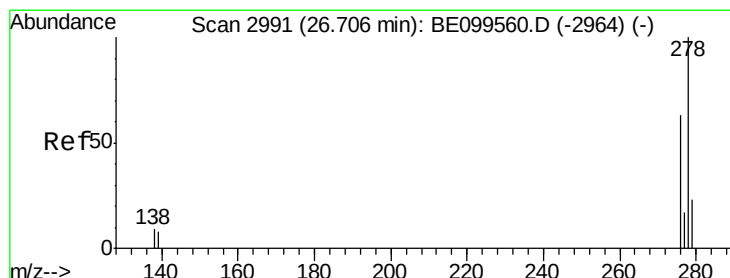
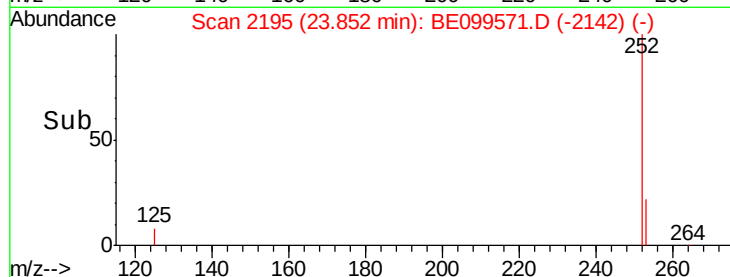
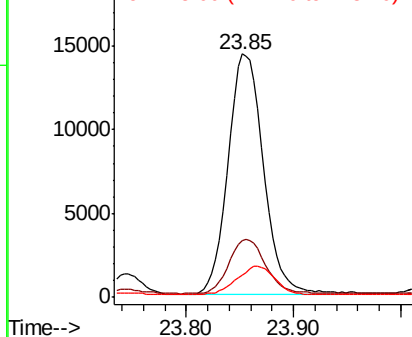


Abundance

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: 0.431 ng
RT: 26.70 min Scan# 2989
Delta R.T. -0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

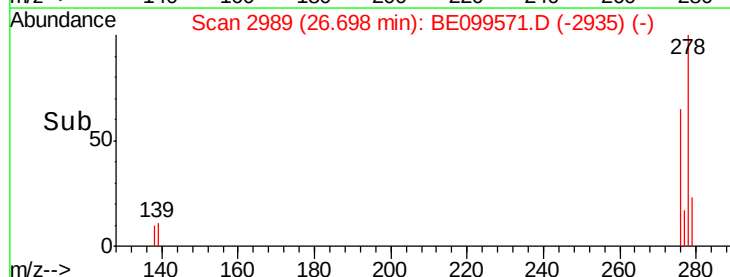
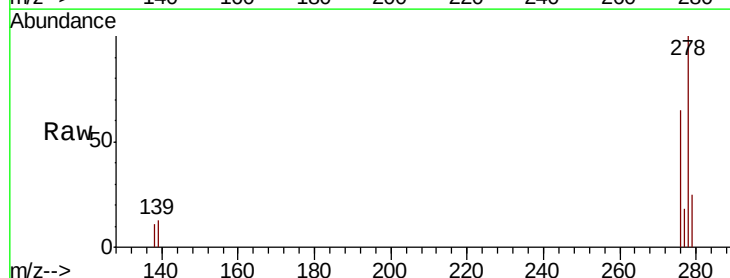
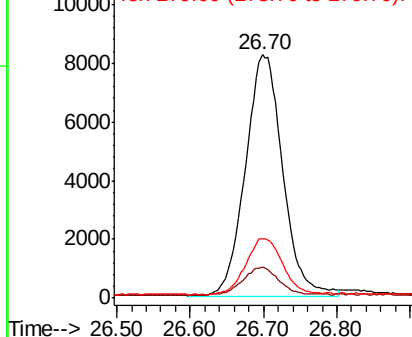
Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	7.7	11.5#
279	24.5	21.0	31.4

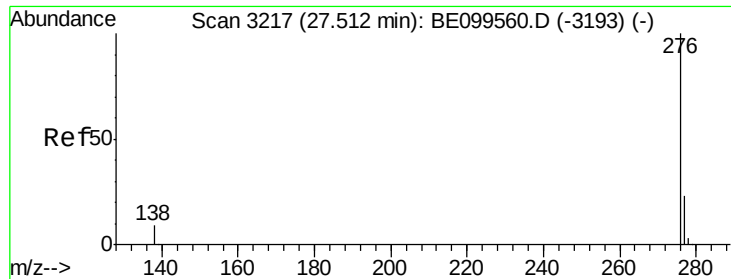
Abundance

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: 0.452 ng
 RT: 27.51 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BE099571.D
 Acq: 7 May 2019 19:14

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.7	29.5
138	11.2	8.6	12.8

Manual Integrations
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