

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
 Data File : BE099817.D
 Acq On : 6 Jun 2019 11:07
 Operator : JU/SJ
 Sample : PB120350BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120350BS

Manual Integrations
 APPROVED

mohammad
 6/7/2019 2:10:27 PM

Quant Time: Jun 07 04:12:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 05 14:35:58 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1052	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	3362	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	2148	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	7231	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14259	0.40	ng	0.00
34) Perylene-d12	23.95	264	15862	0.40	ng	0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.38	112	800	0.31	ng	0.02
5) Phenol-d6	6.99	99	954	0.29	ng	0.02
8) Nitrobenzene-d5	8.99	82	924	0.31	ng	0.02
11) 2-Methylnaphthalene-d10	12.22	152	2297	0.40	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	333	0.34	ng	0.02
15) 2-Fluorobiphenyl	13.12	172	2765	0.35	ng	0.01
25) Fluoranthene-d10	19.26	212	38885	0.36	ng	0.00
29) Terphenyl-d14	19.87	244	8644	0.37	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	590	0.387	ng	# 68
3) n-Nitrosodimethylamine	3.62	42	270	0.334	ng	# 78
6) bis(2-Chloroethyl)ether	7.24	93	994	0.344	ng	87
9) Naphthalene	10.68	128	12612	0.351	ng	99
10) Hexachlorobutadiene	10.95	225	950	0.347	ng	99
12) 2-Methylnaphthalene	12.31	142	1896	0.331	ng	92
16) Acenaphthylene	14.21	152	3548	0.342	ng	98
17) Acenaphthene	14.56	154	1975	0.348	ng	98
18) Fluorene	15.53	166	2798	0.335	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	1336	0.331	ng	92
21) Hexachlorobenzene	16.53	284	1464m	0.331	ng	
22) Pentachlorophenol	16.99	266	162	0.391	ng	88
23) Phenanthrene	17.27	178	5876	0.341	ng	98
24) Anthracene	17.36	178	6185m	0.397	ng	
26) Fluoranthene	19.29	202	11561	0.382	ng	100
28) Pyrene	19.65	202	12174	0.353	ng	100
30) Benzo(a)anthracene	21.40	228	14891	0.378	ng	99
31) Chrysene	21.45	228	17137	0.394	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	13315	0.294	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	18180	0.349	ng	# 93
35) Benzo(b)fluoranthene	23.17	252	14967	0.341	ng	# 97
36) Benzo(k)fluoranthene	23.22	252	17925	0.385	ng	100
37) Benzo(a)pyrene	23.84	252	15756	0.370	ng	# 95
38) Dibenzo(a,h)anthracene	26.68	278	14697	0.339	ng	98
39) Benzo(g,h,i)perylene	27.47	276	16499	0.363	ng	98

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

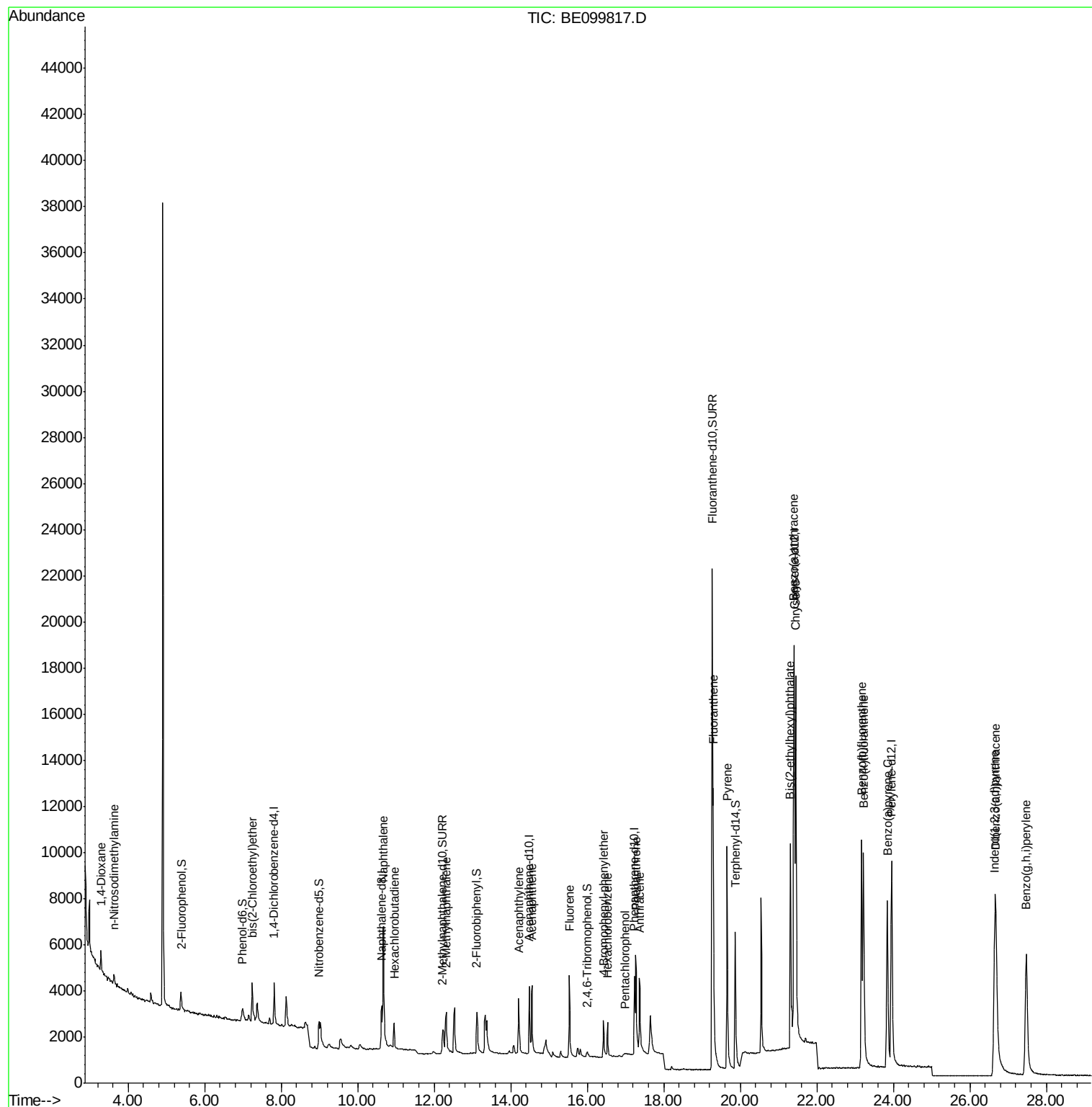
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
Data File : BE099817.D
Acq On : 6 Jun 2019 11:07
Operator : JU/SJ
Sample : PB120350BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

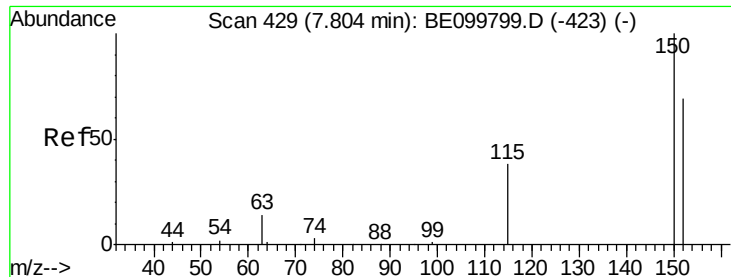
Instrument :
BNA_E
ClientSampleId :
PB120350BS

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Quant Time: Jun 07 04:12:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration





#1

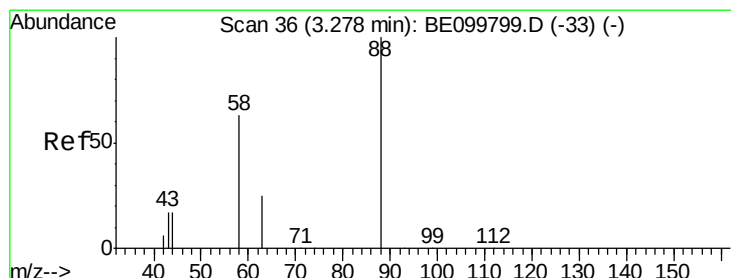
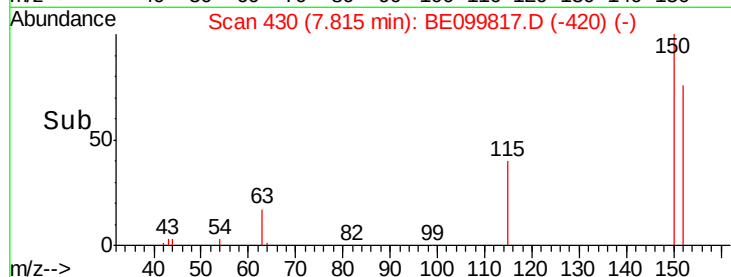
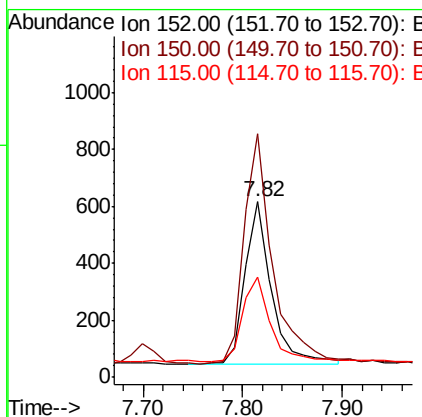
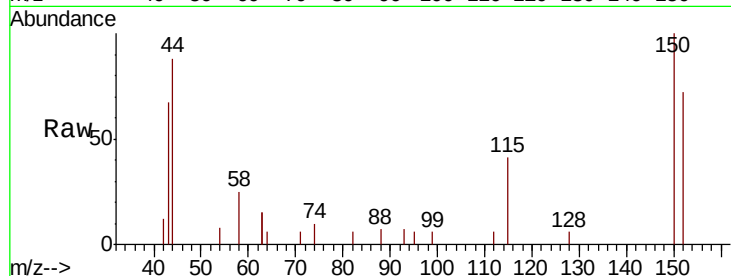
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.0	112.8	169.2
115	57.4	47.6	71.4

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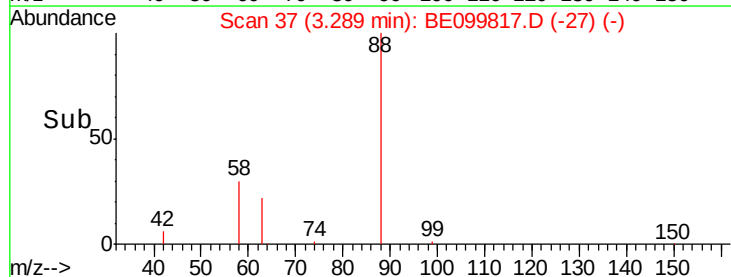
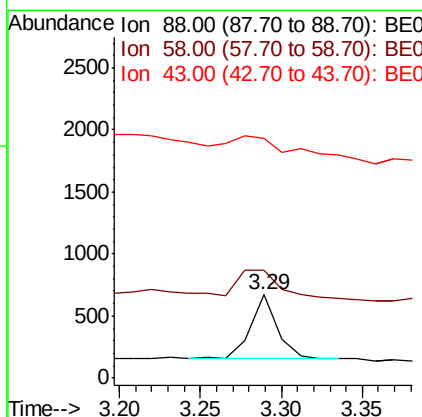
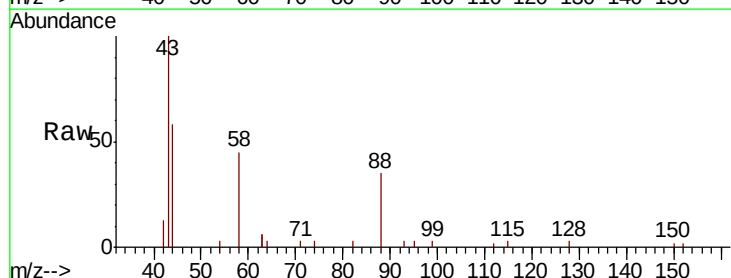
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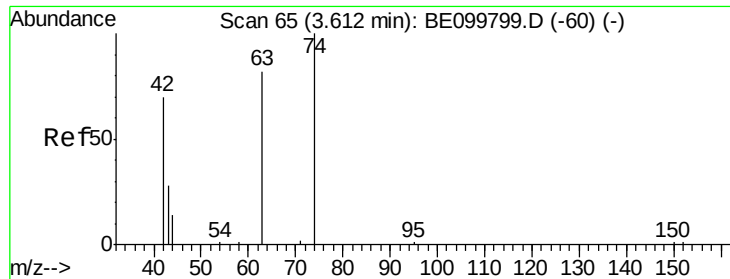


#2

1,4-Dioxane
Concen: 0.387 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	47.3	70.9#
43	52.2	18.2	27.4#





#3

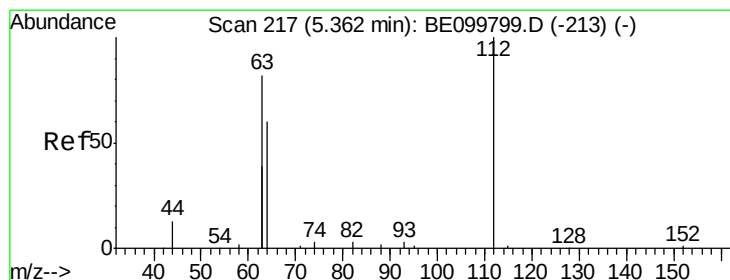
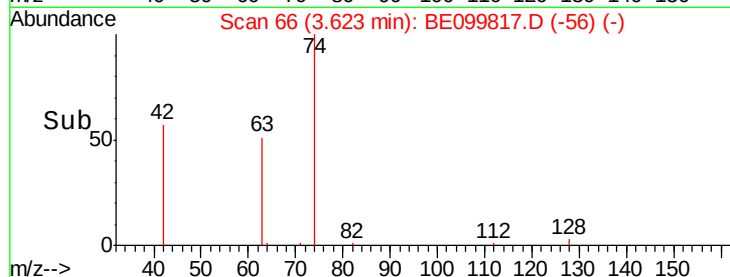
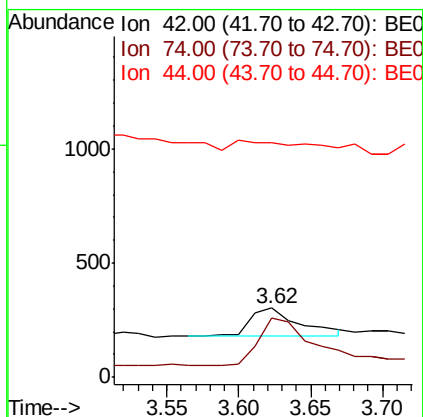
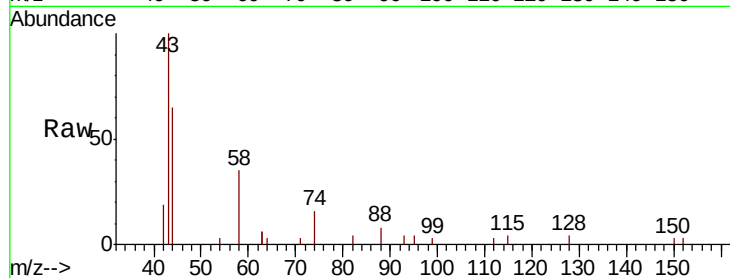
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	192.6	132.6	198.8
44	0.0	13.4	20.0

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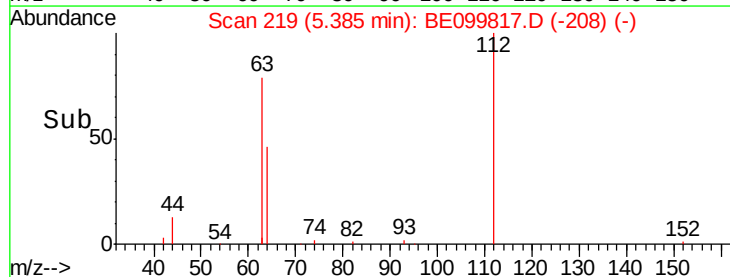
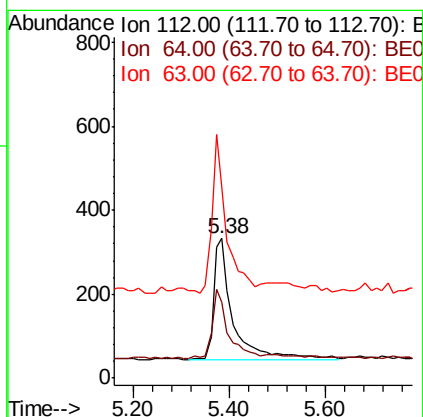
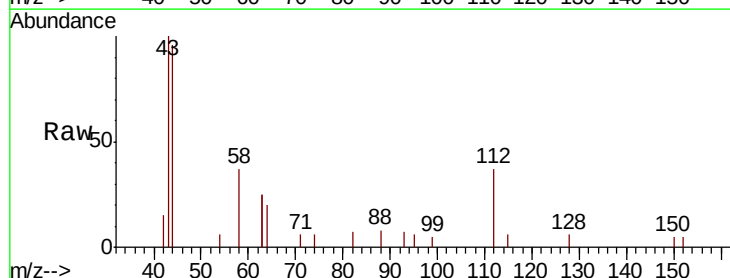
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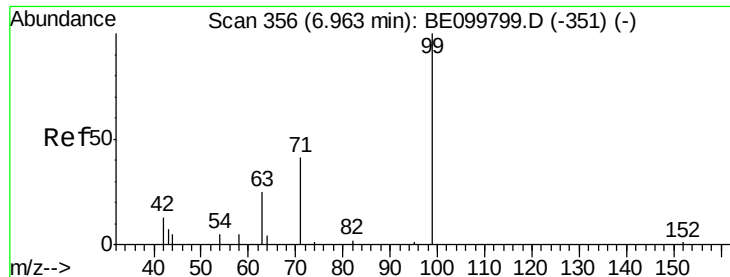


#4

2-Fluorophenol
Concen: 0.312 ng
RT: 5.38 min Scan# 219
Delta R.T. 0.02 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.9	47.2	70.8
63	100.5	90.7	136.1





#5

Phenol-d6

Concen: 0.290 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

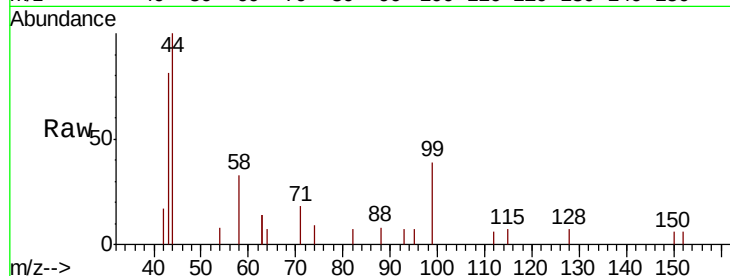
ClientSampleId :

PB120350BS

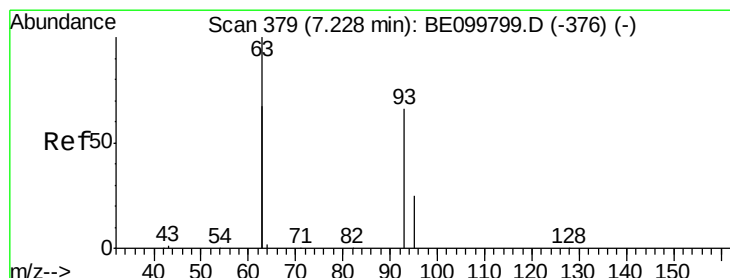
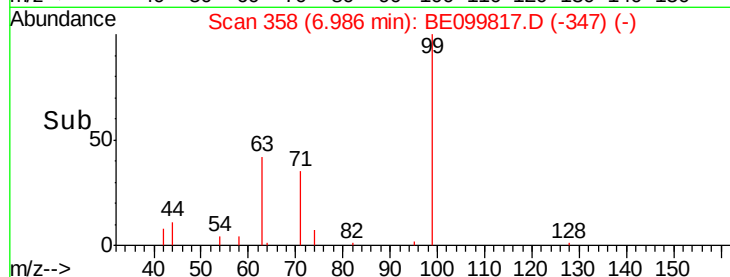
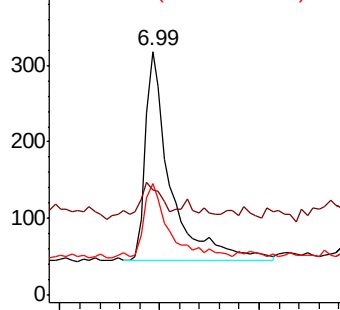
Tot Ion:	99	Resp:	954
Ion	Ratio	Lower	Upper
99	100		
42	16.1	11.0	16.4
71	36.9	26.1	39.1

Manual Integrations
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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: 0.344 ng

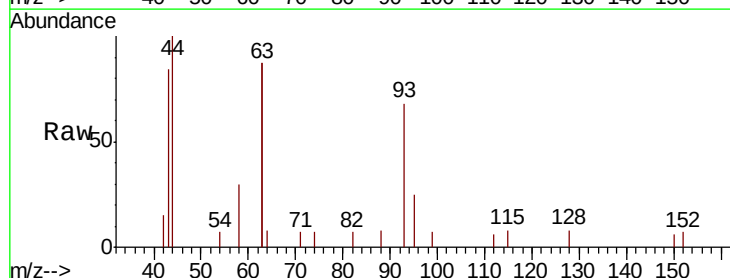
RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

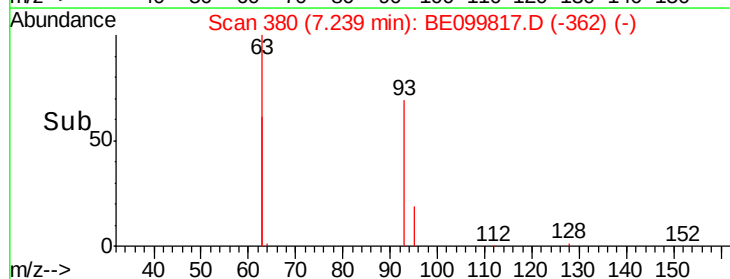
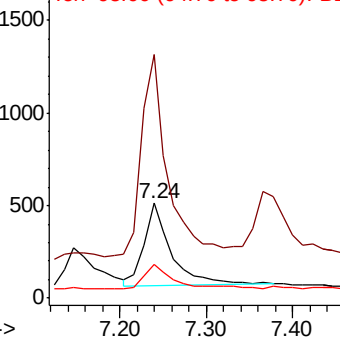
Lab File: BE099817.D

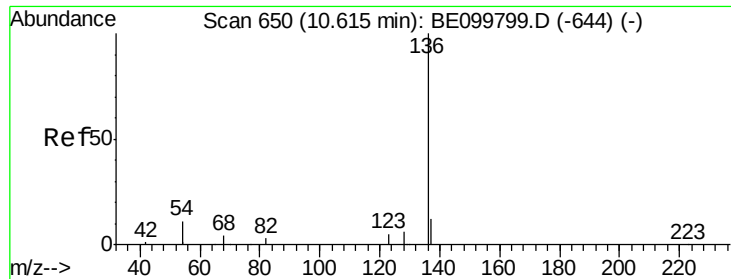
Acq: 6 Jun 2019 11:07

Tgt Ion:	93	Resp:	994
Ion	Ratio	Lower	Upper
93	100		
63	235.4	208.8	313.2
95	34.0	27.6	41.4



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. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

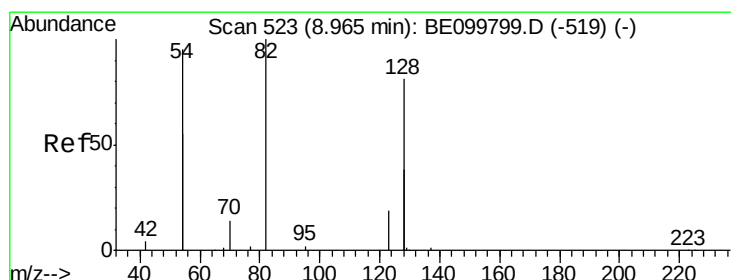
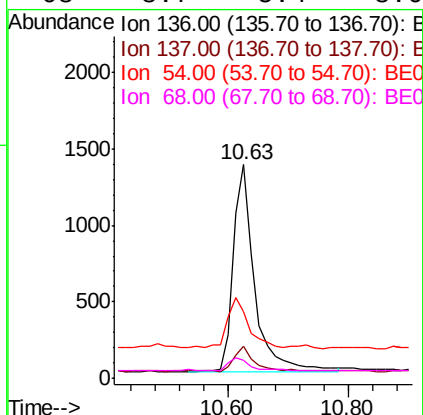
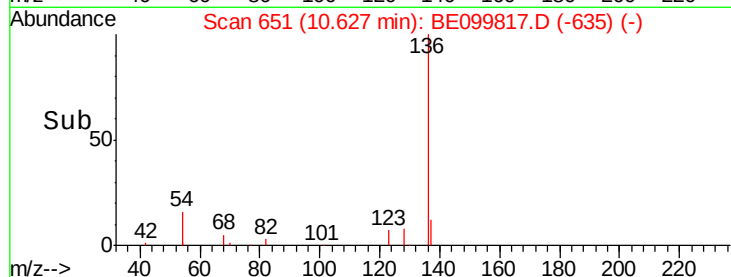
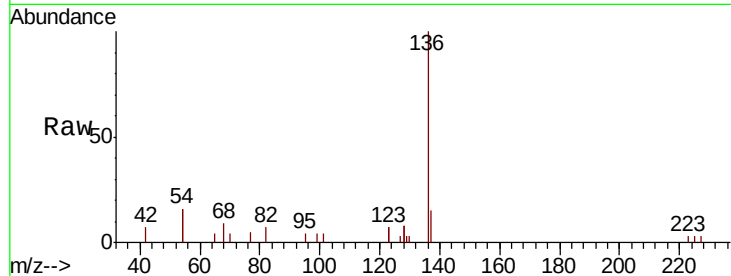
ClientSampleId :

PB120350BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.9	11.1	16.7
54	31.3	17.9	26.9
68	8.7	5.4	8.0

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.313 ng

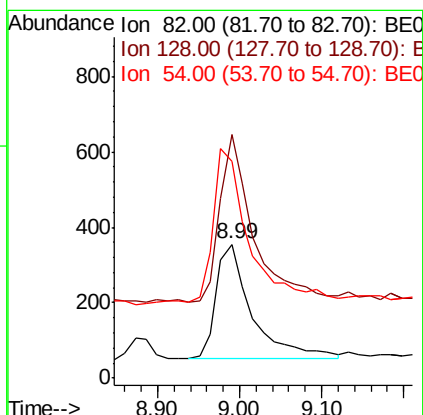
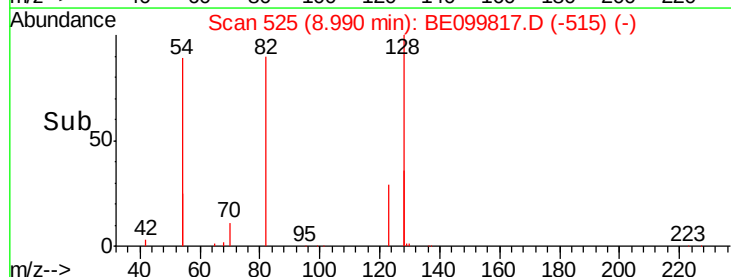
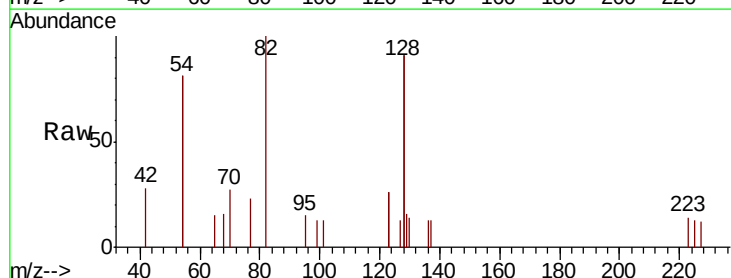
RT: 8.99 min Scan# 525

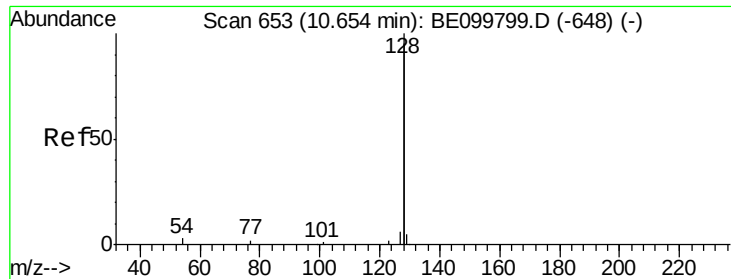
Delta R.T. 0.02 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Tgt Ion	Ratio	Lower	Upper
82	100		
128	181.5	116.6	175.0
54	161.2	136.2	204.4





#9

Naphthalene

Concen: 0.351 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.02 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

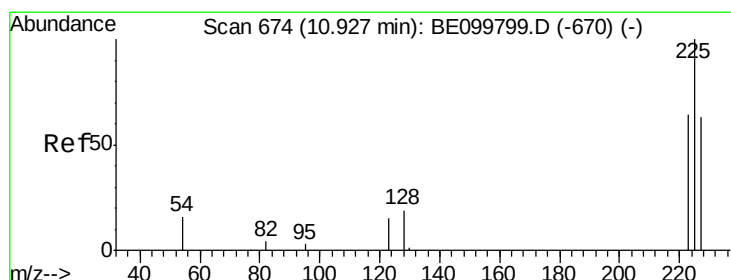
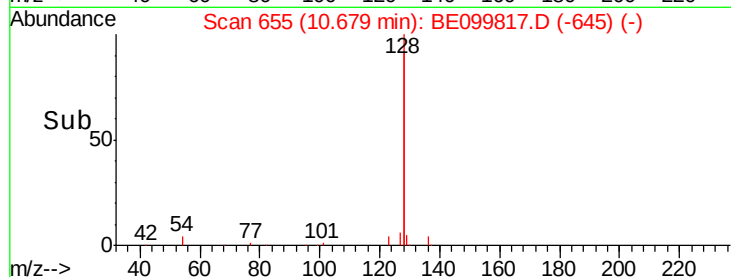
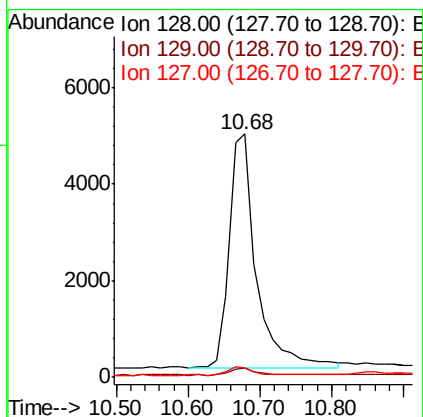
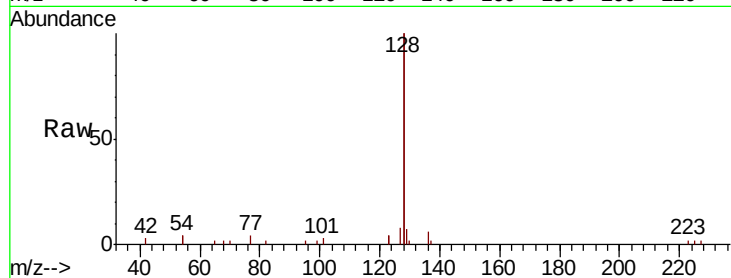
ClientSampleId :

PB120350BS

Tot Ion:	128	Resp:	12612
Ion Ratio	Lower	Upper	
128	100		
129	3.6	2.6	4.0
127	4.0	3.0	4.6

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#10

Hexachlorobutadiene

Concen: 0.347 ng

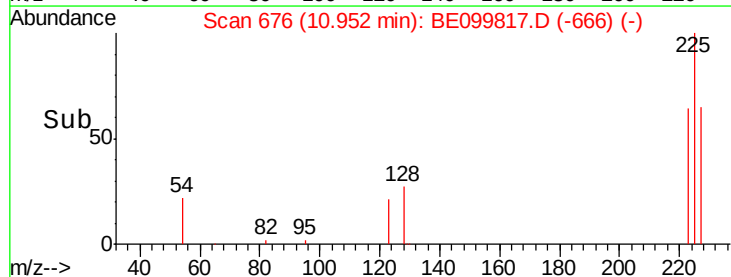
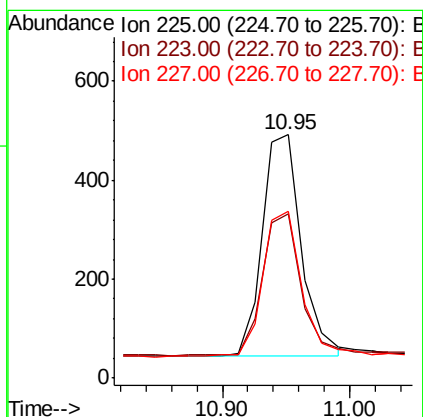
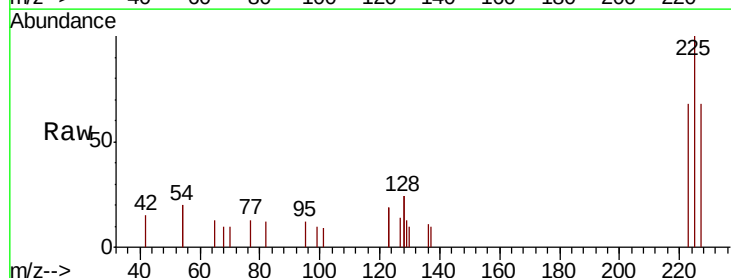
RT: 10.95 min Scan# 676

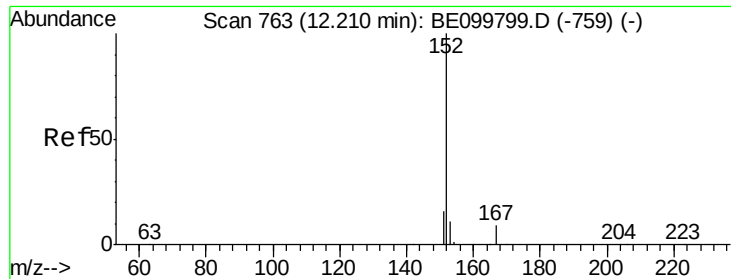
Delta R.T. 0.02 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Tgt Ion:	225	Resp:	950
Ion Ratio	Lower	Upper	
225	100		
223	62.9	48.6	72.8
227	64.4	51.6	77.4





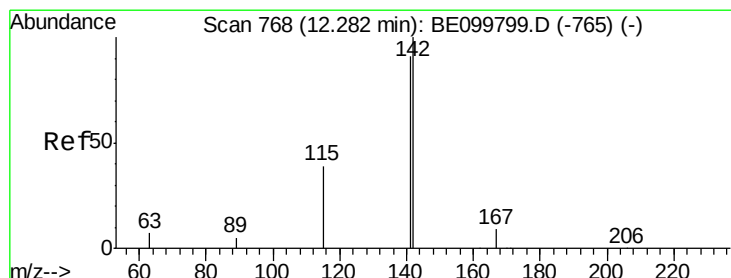
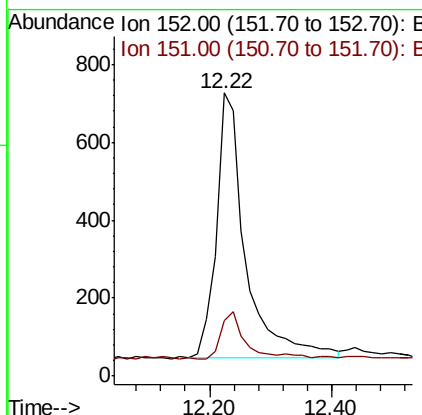
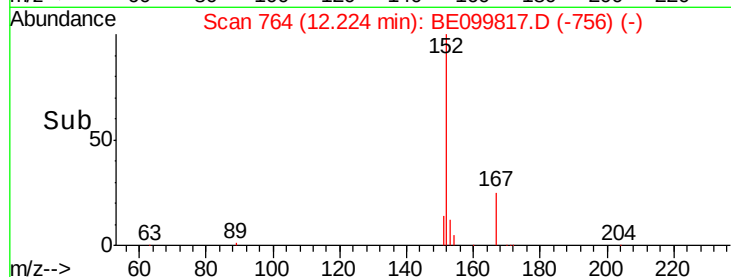
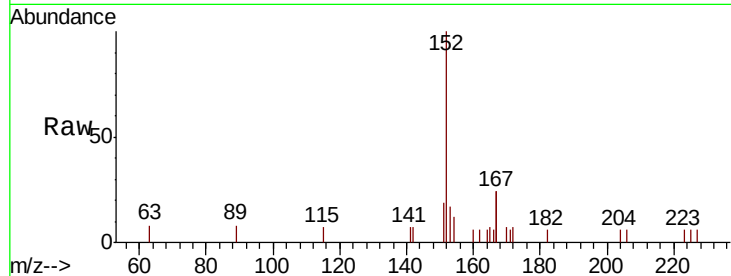
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	15.1	15.8	23.8#

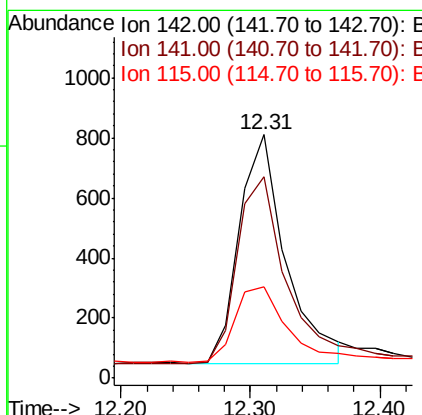
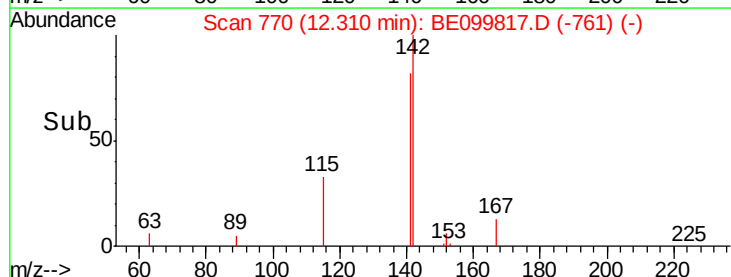
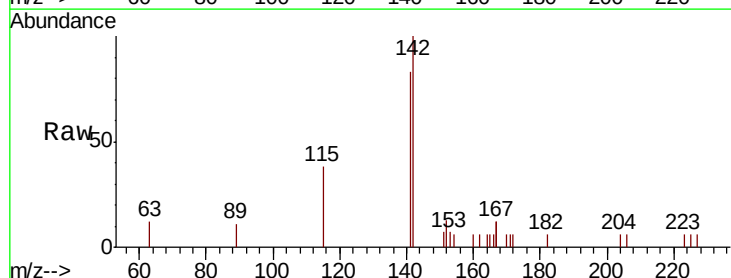
Manual Integrations
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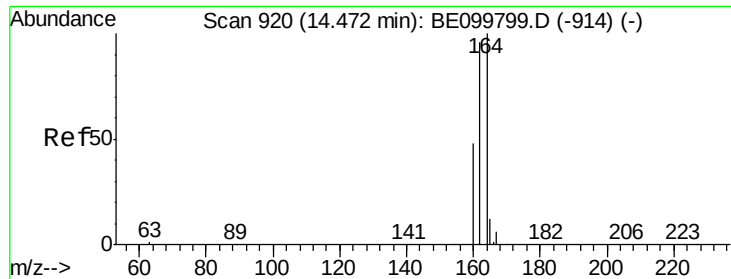
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#12
2-Methylnaphthalene
Concen: 0.331 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.03 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.9	73.3	109.9
115	37.7	33.4	50.2





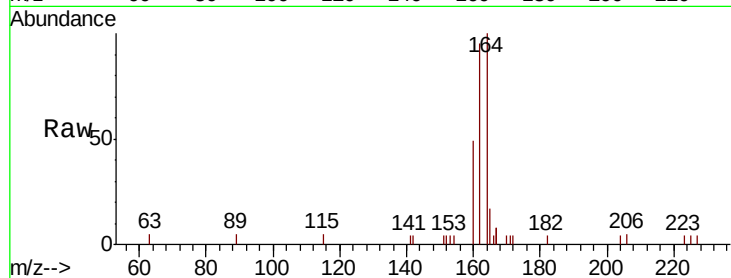
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.4	77.2	115.8
160	49.2	39.4	59.2

Manual Integrations
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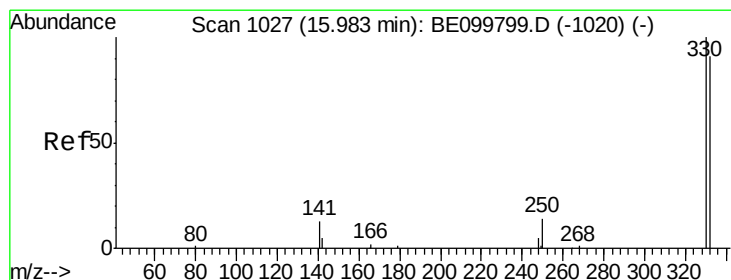
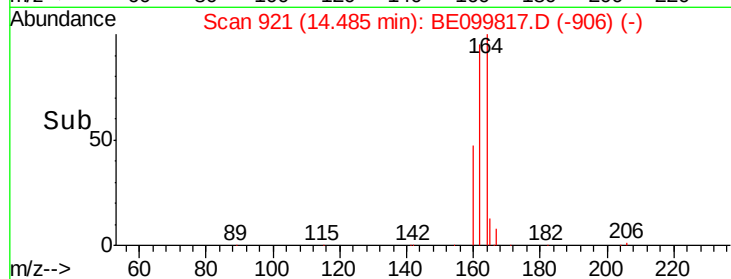
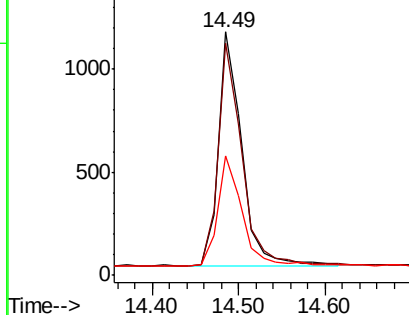


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.02 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

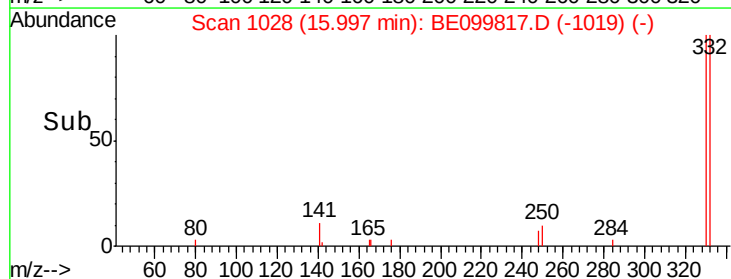
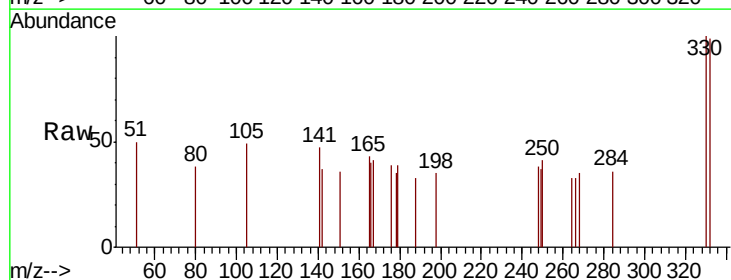
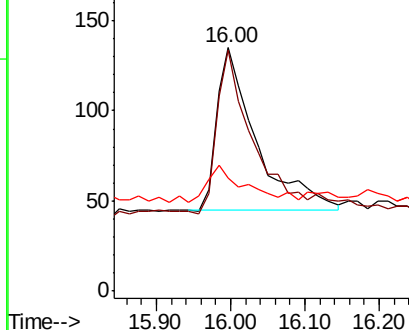
Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.6	74.9	112.3
141	20.7	16.0	24.0

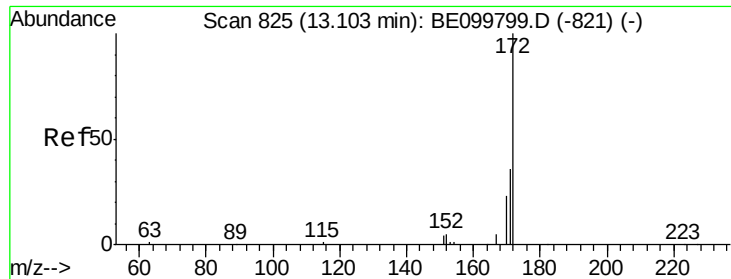
Abundance

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





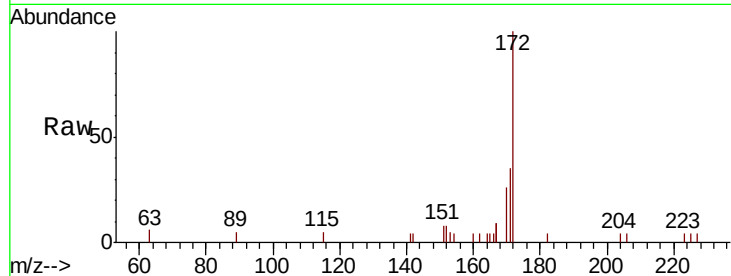
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.2	45.4
170	26.3	20.1	30.1

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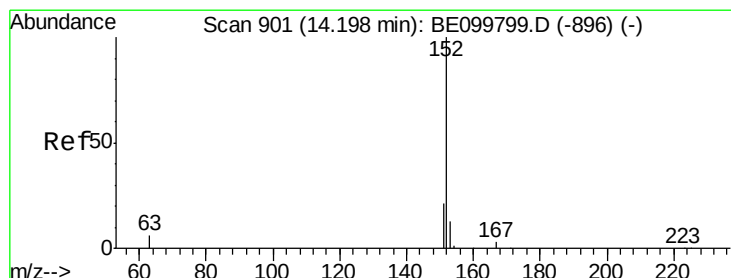
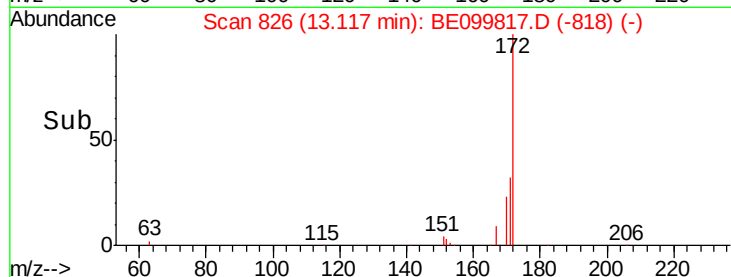
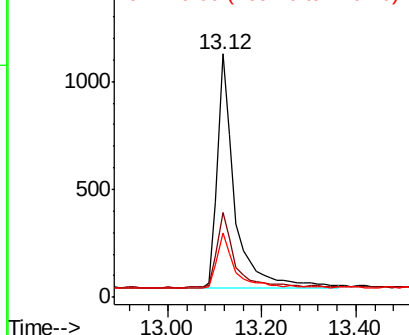


Abundance

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: 0.342 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

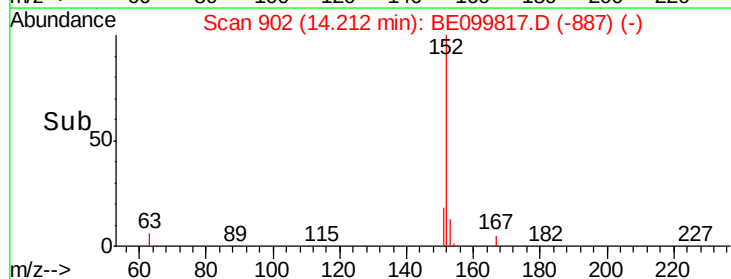
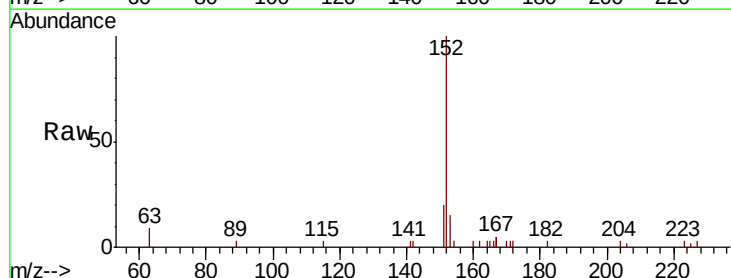
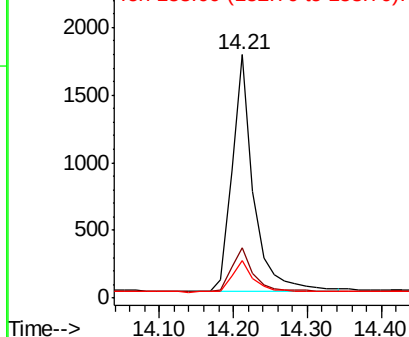
Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.9	23.9
153	13.9	10.8	16.2

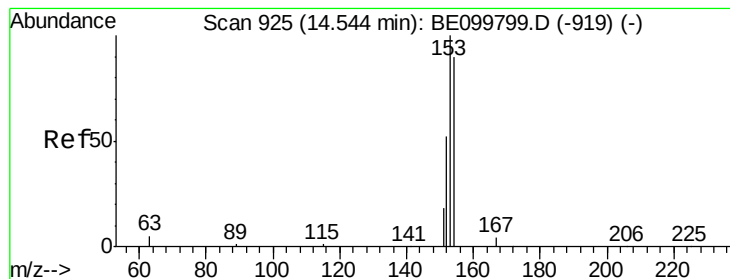
Abundance

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: 0.348 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

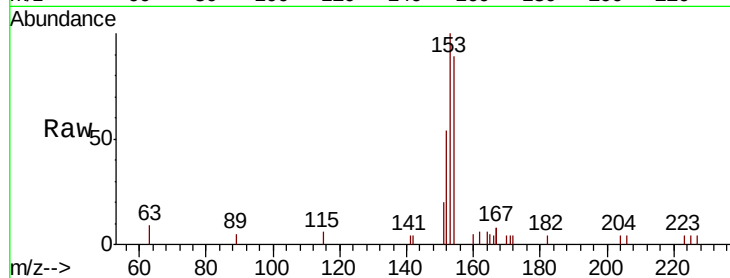
ClientSampleId :

PB120350BS

Tot Ion:	154	Resp:	1975
Ion Ratio	Lower	Upper	
154	100		
153	113.8	93.8	140.6
152	60.7	48.3	72.5

Manual Integrations
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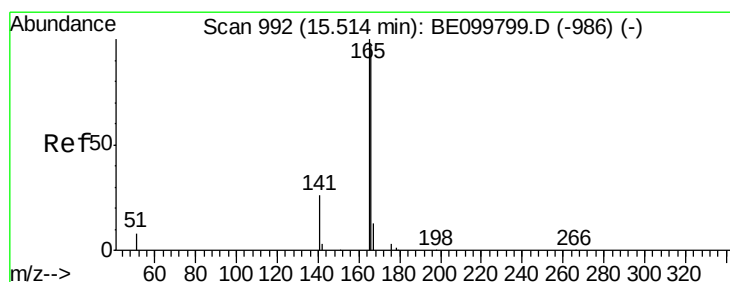
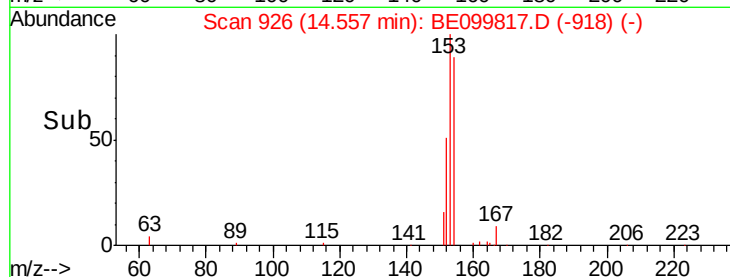
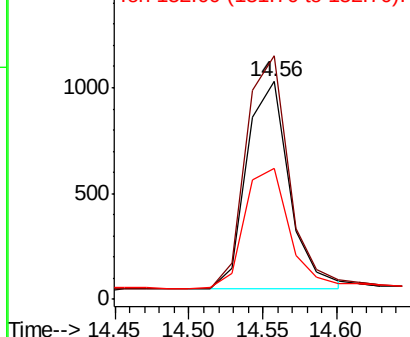


Abundance

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: 0.335 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

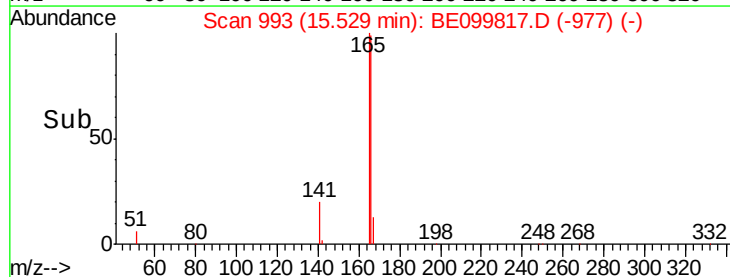
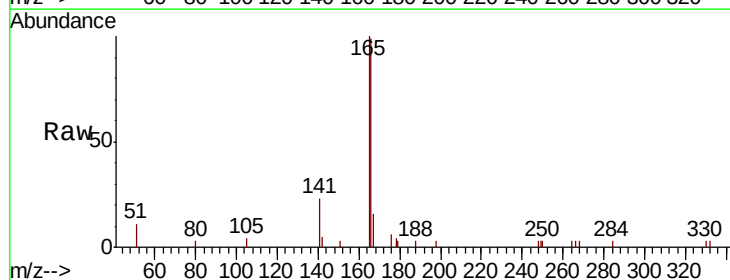
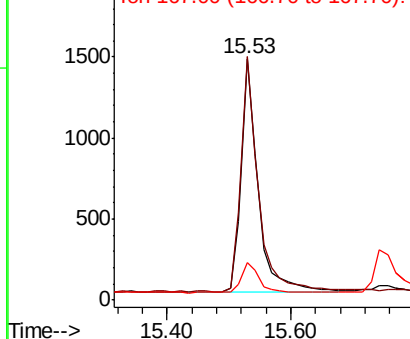
Tgt Ion:	166	Resp:	2798
Ion Ratio	Lower	Upper	
166	100		
165	101.8	80.4	120.6
167	13.9	10.7	16.1

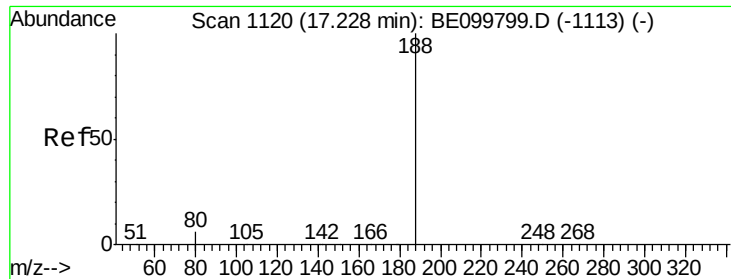
Abundance

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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

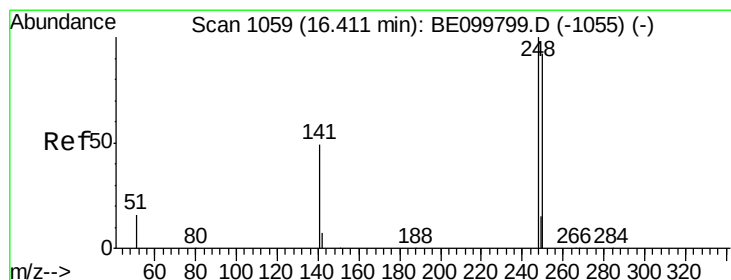
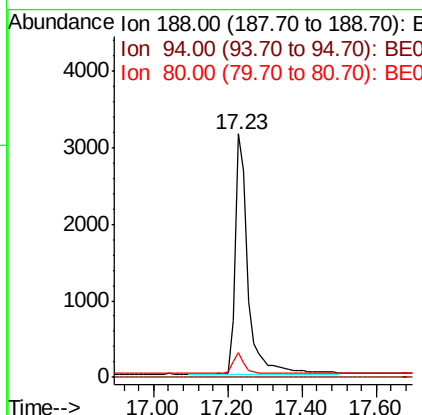
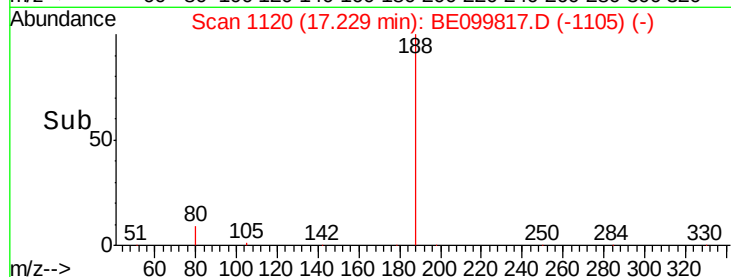
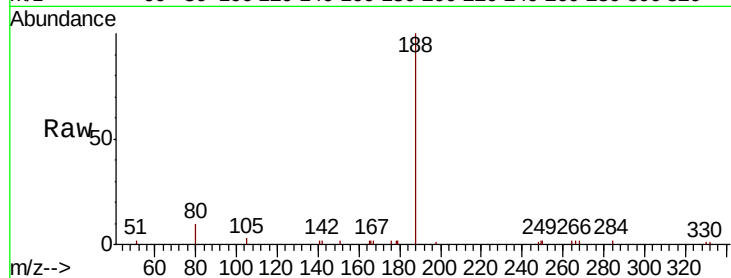
ClientSampleId :

PB120350BS

Tot Ion:	188	Resp:	7231
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.1	5.2	7.8#

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#20

4-Bromophenyl-phenylether

Concen: 0.331 ng

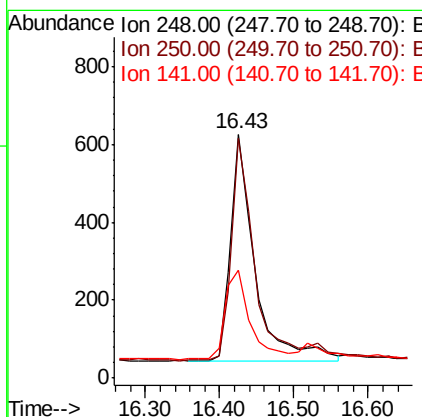
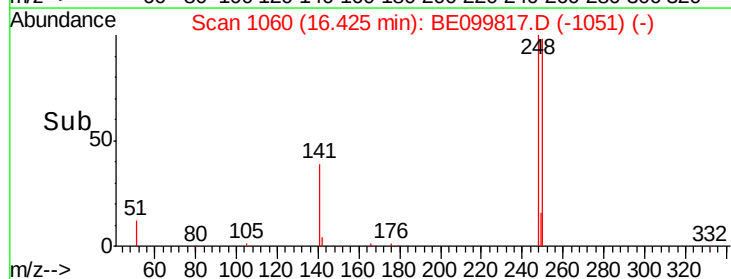
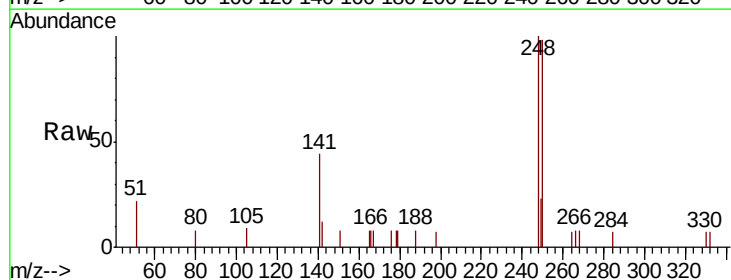
RT: 16.43 min Scan# 1060

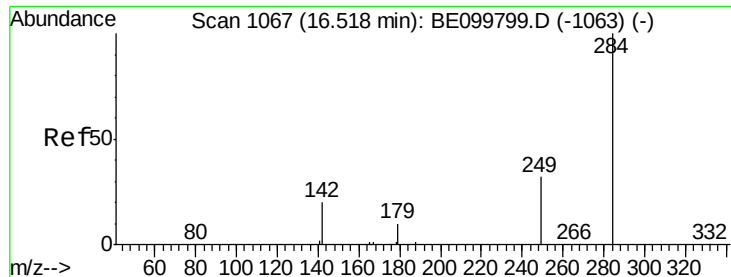
Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Tgt Ion:	248	Resp:	1336
Ion Ratio	Lower	Upper	
248	100		
250	98.2	73.7	110.5
141	44.4	40.9	61.3





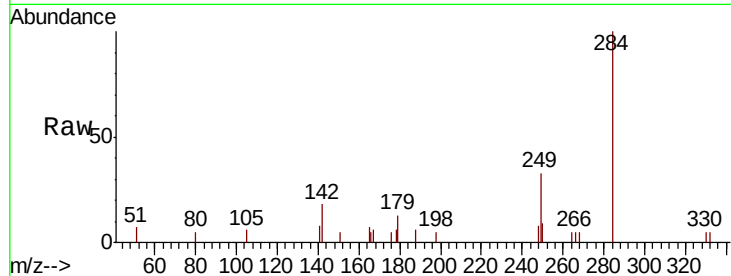
#21
Hexachlorobenzene
Concen: 0.331 ng m
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

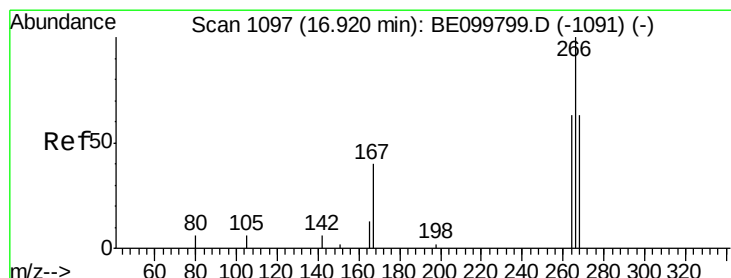
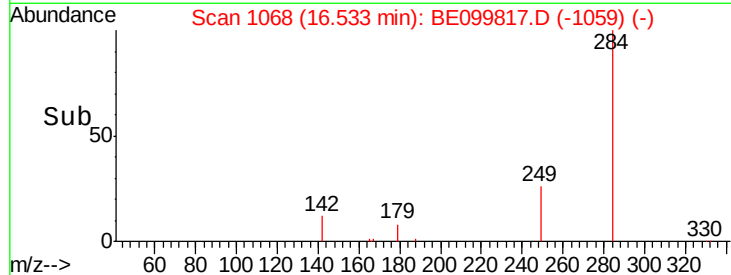
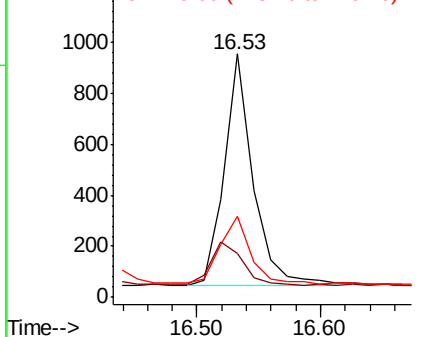
Tot Ion:	284	Resp:	1464
Ion Ratio	Lower	Upper	
284	100		
142	19.8	16.2	24.4
249	29.2	23.1	34.7

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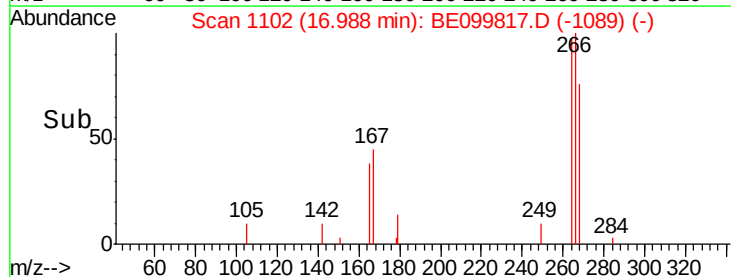
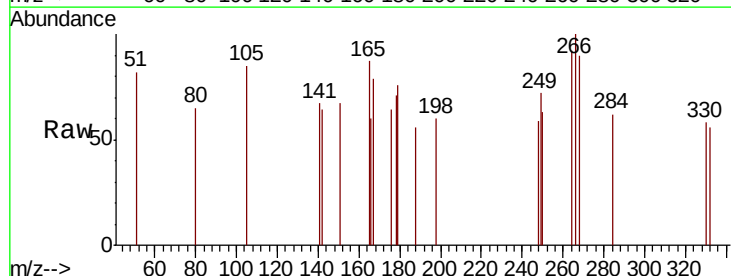
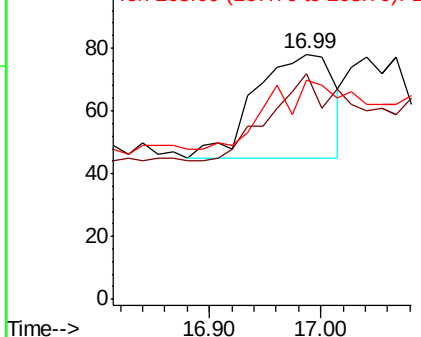
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

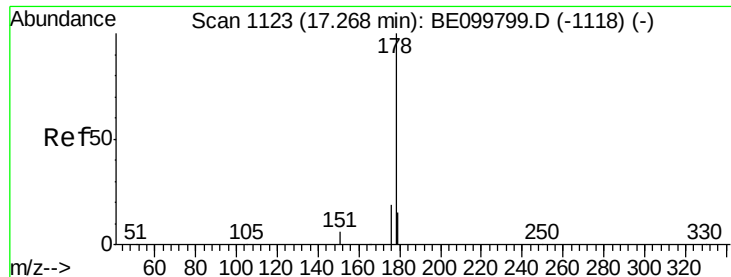


#22
Pentachlorophenol
Concen: 0.391 ng
RT: 16.99 min Scan# 1102
Delta R.T. 0.07 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion:	266	Resp:	162
Ion Ratio	Lower	Upper	
266	100		
264	92.3	64.9	97.3
268	89.7	64.0	96.0

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: 0.341 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

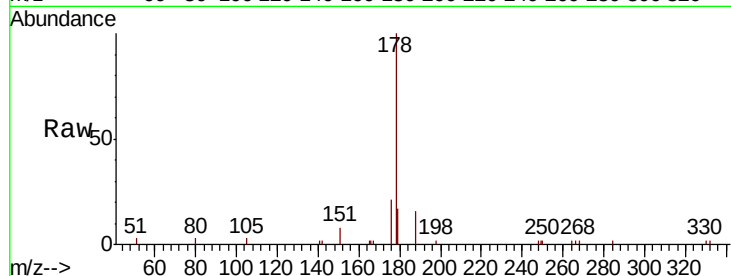
ClientSampleId :

PB120350BS

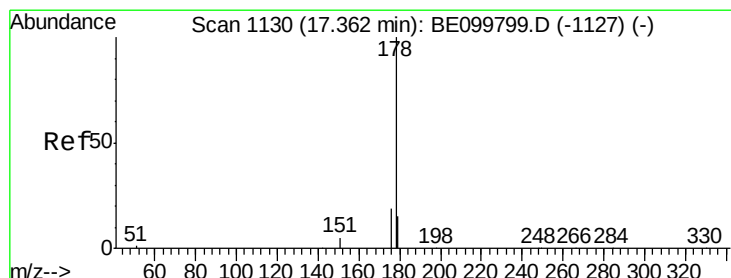
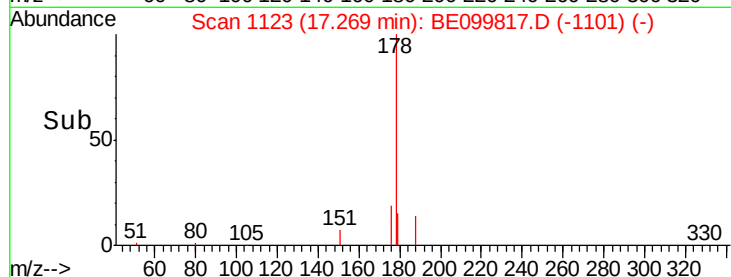
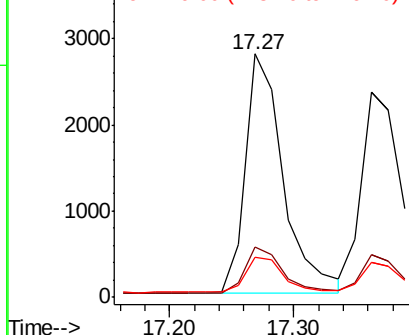
Tot Ion:178	Resp:	5876
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.4 23.0
179	16.5	12.5 18.7

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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: 0.397 ng m

RT: 17.36 min Scan# 1130

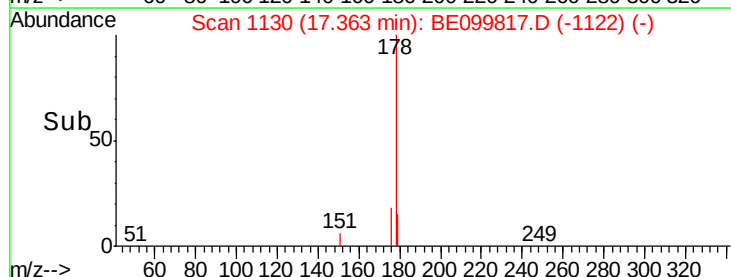
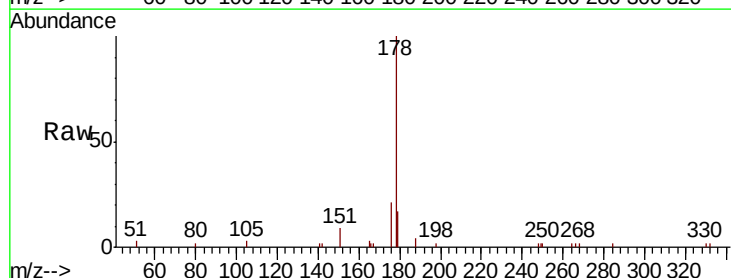
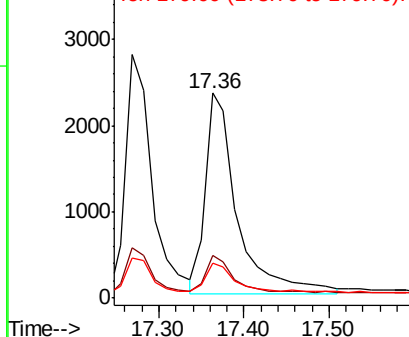
Delta R.T. 0.00 min

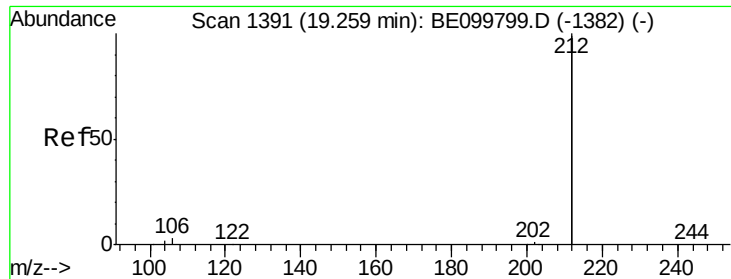
Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Tgt Ion:178	Resp:	6185
Ion Ratio	Lower	Upper
178	100	
176	14.2	15.1 22.7#
179	11.2	12.1 18.1#

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: 0.362 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

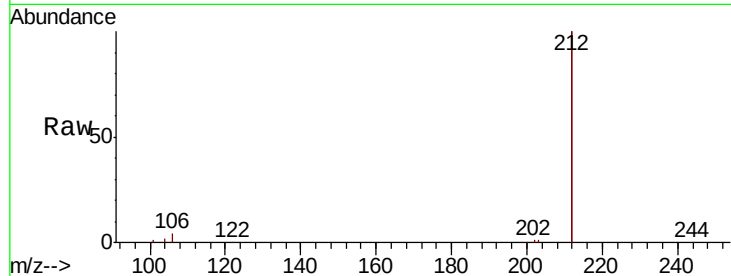
ClientSampleId :

PB120350BS

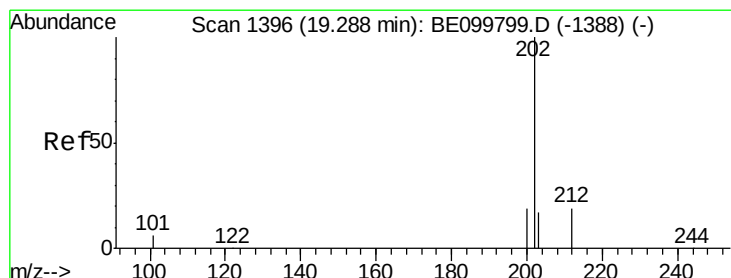
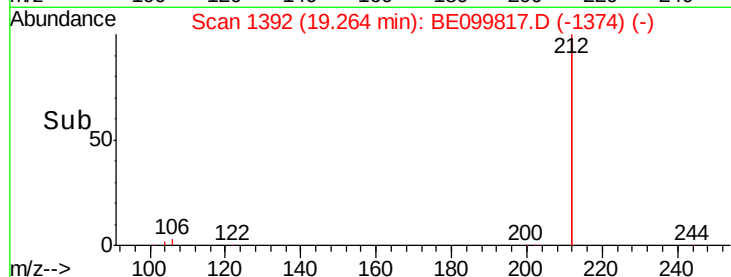
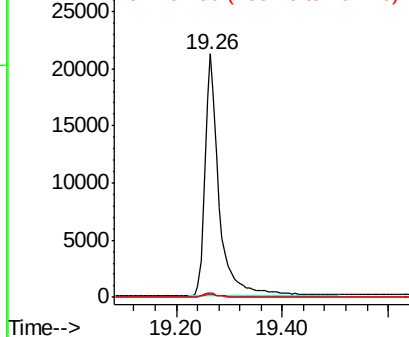
Tot Ion:	212	Resp:	38885
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.4	2.0
104	1.0	0.8	1.2

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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: 0.382 ng

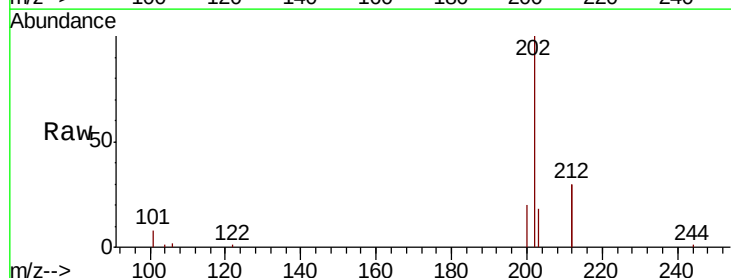
RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

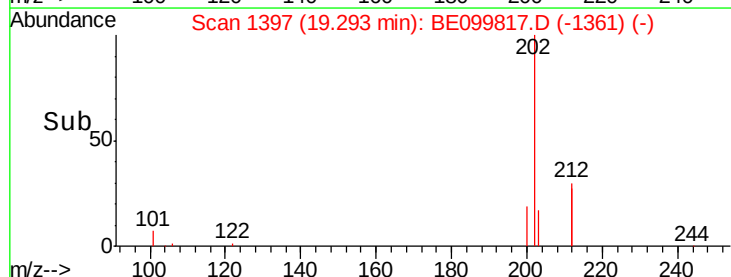
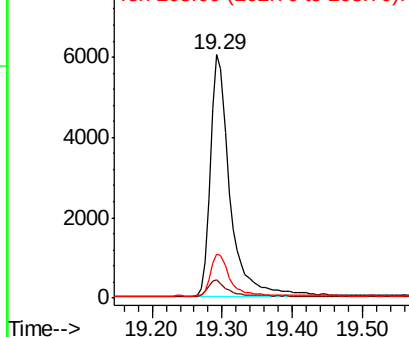
Lab File: BE099817.D

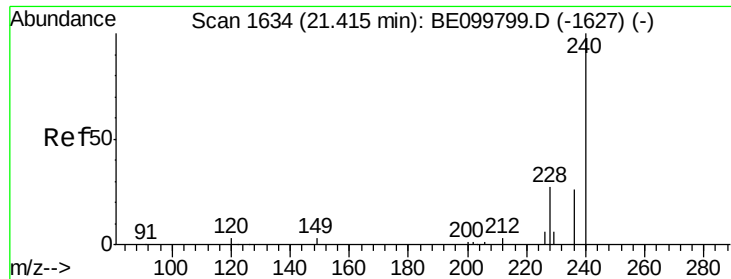
Acq: 6 Jun 2019 11:07

Tgt Ion:	202	Resp:	11561
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.2	7.8
203	17.0	13.6	20.4



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





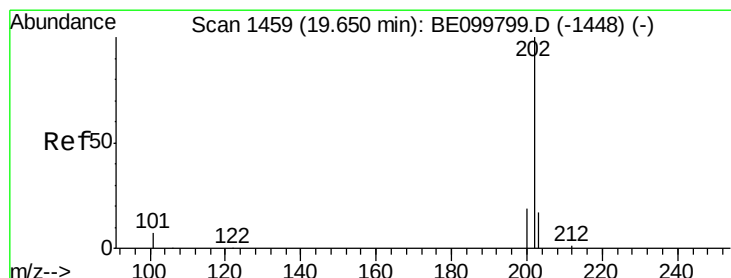
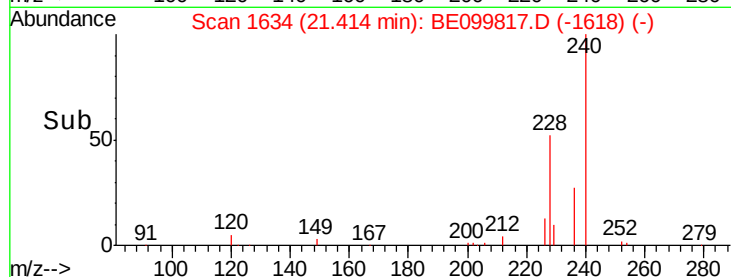
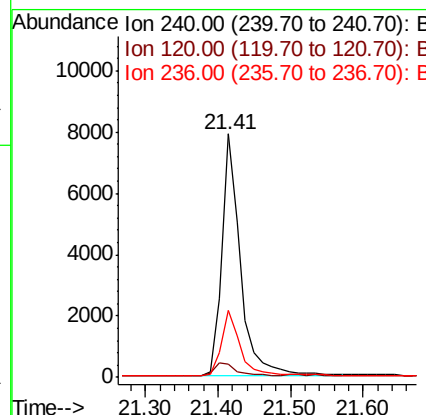
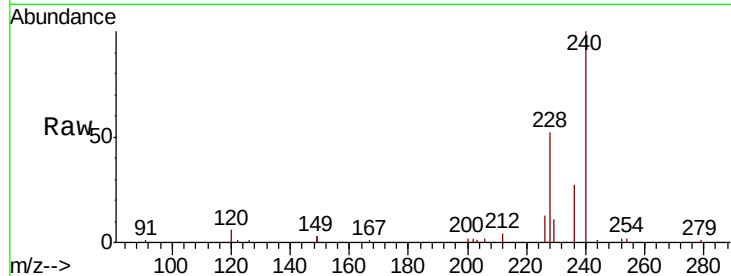
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tot Ion:240 Resp: 14259
Ion Ratio Lower Upper
240 100
120 5.5 2.8 4.2#
236 27.3 20.9 31.3

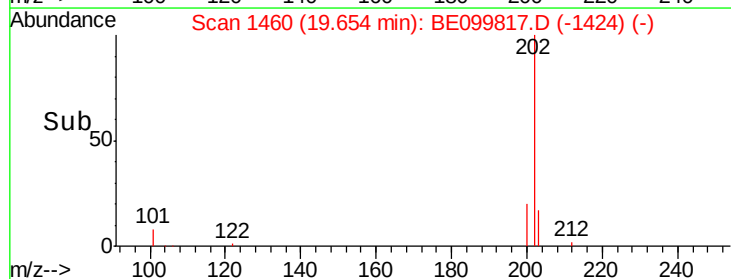
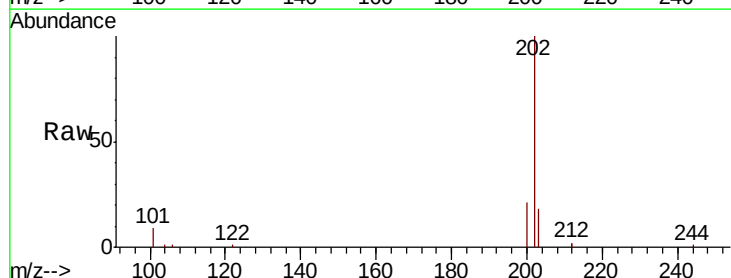
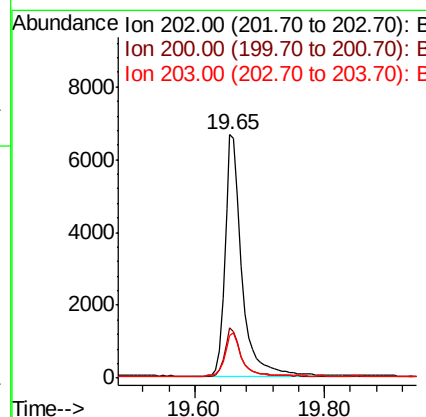
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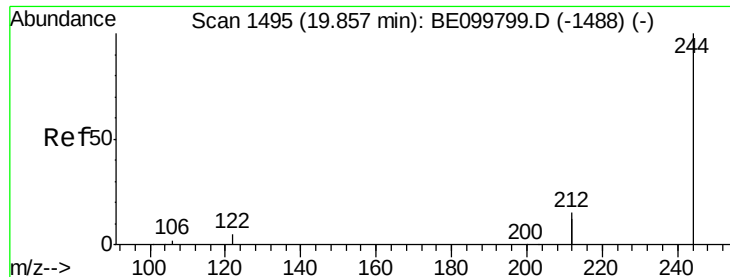
mohammad
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#28
Pyrene
Concen: 0.353 ng
RT: 19.65 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion:202 Resp: 12174
Ion Ratio Lower Upper
202 100
200 19.7 15.6 23.4
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.370 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

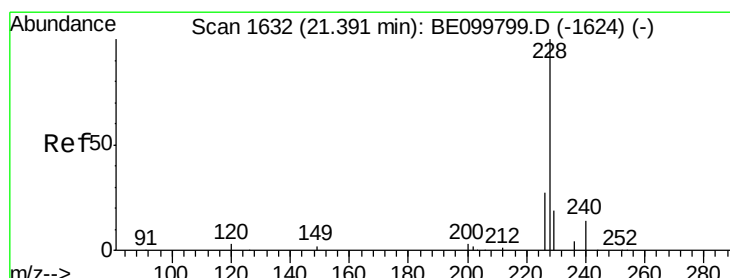
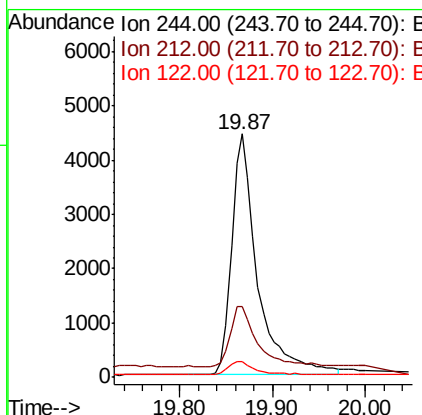
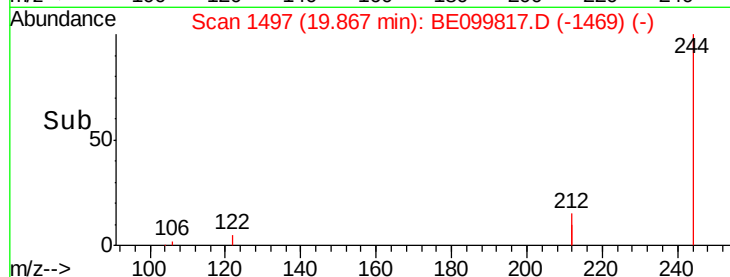
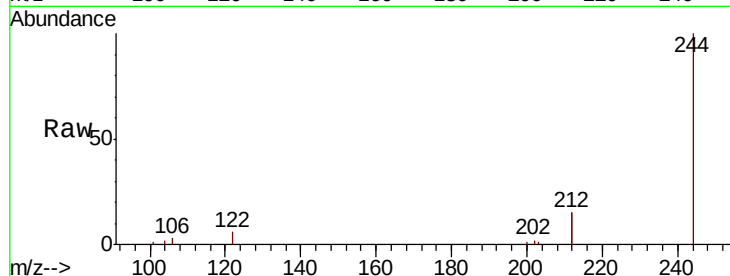
ClientSampleId :

PB120350BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.3	23.7	35.5
122	6.5	4.8	7.2

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#30

Benzo(a)anthracene

Concen: 0.378 ng

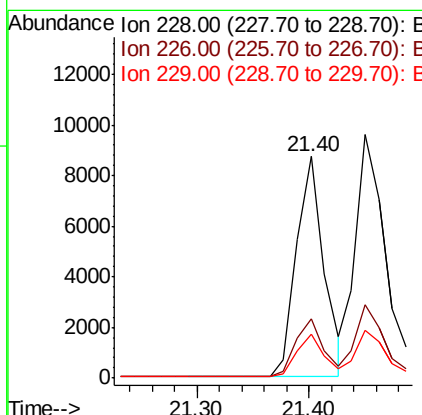
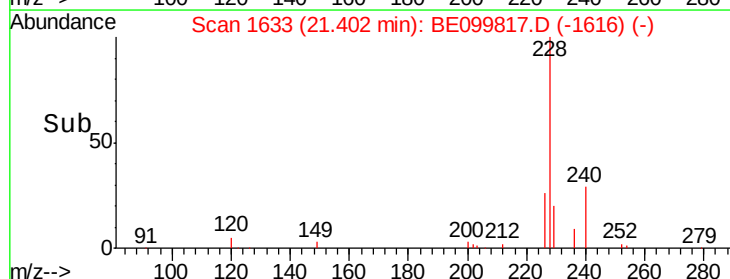
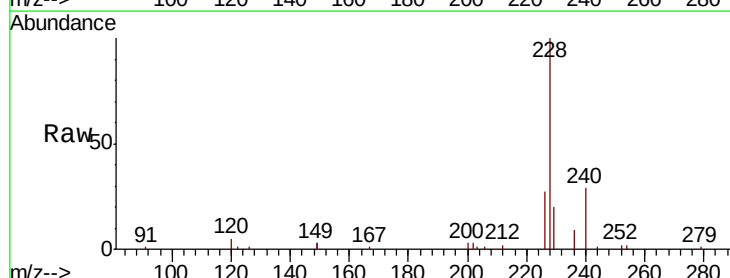
RT: 21.40 min Scan# 1633

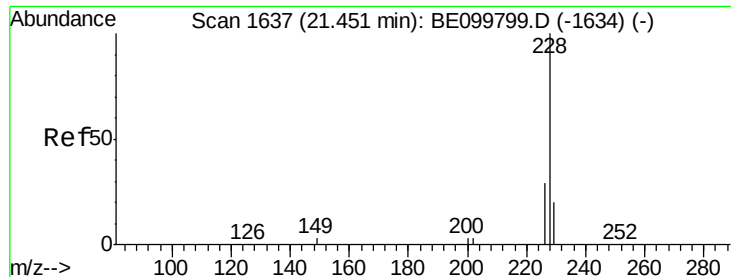
Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.6	32.4
229	20.1	15.8	23.6





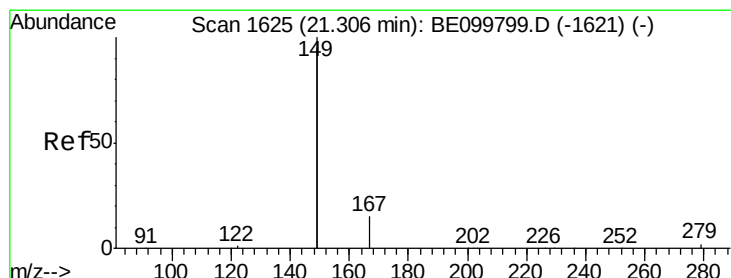
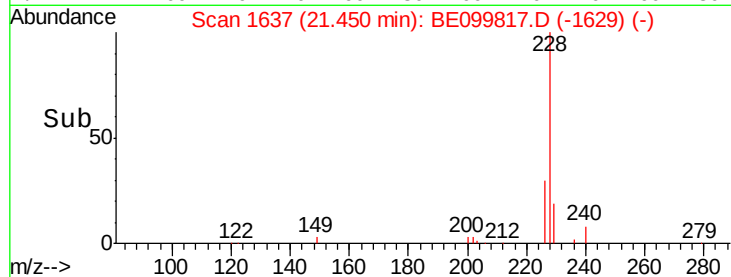
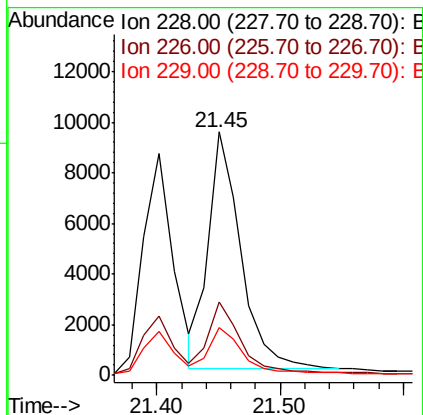
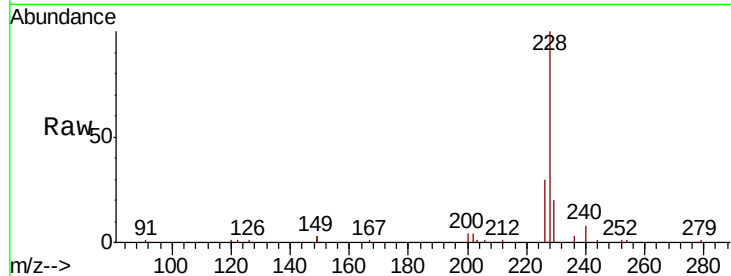
#31
Chrysene
Concen: 0.394 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	19.6	16.4	24.6

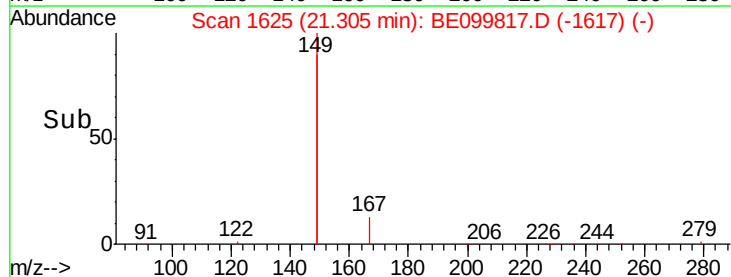
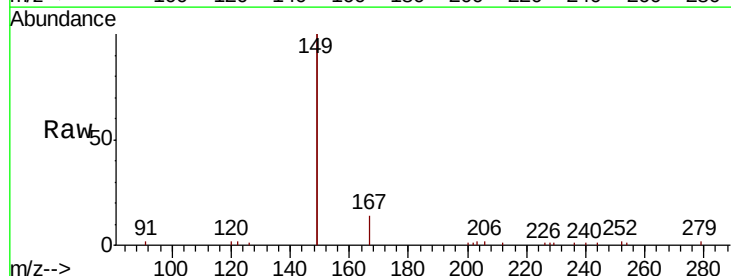
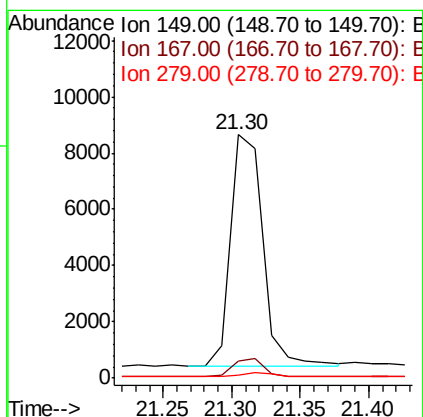
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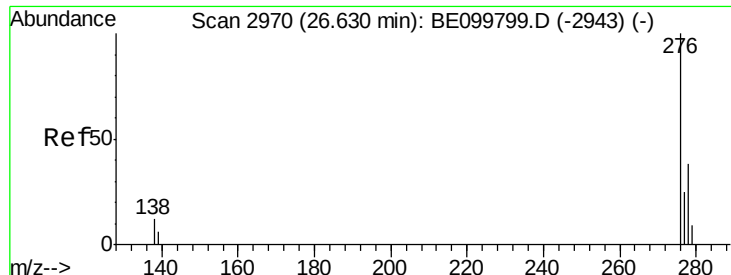
mohammad
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.294 ng
RT: 21.30 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.9	6.0	9.0
279	1.6	1.2	1.8





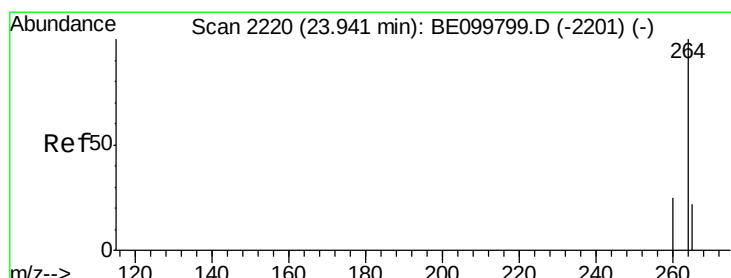
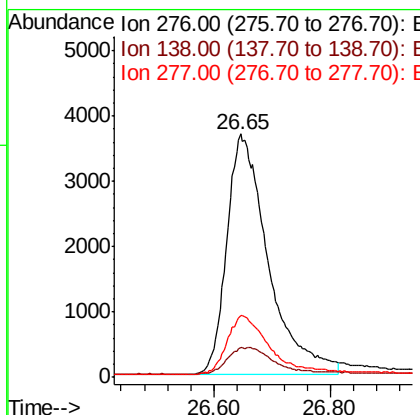
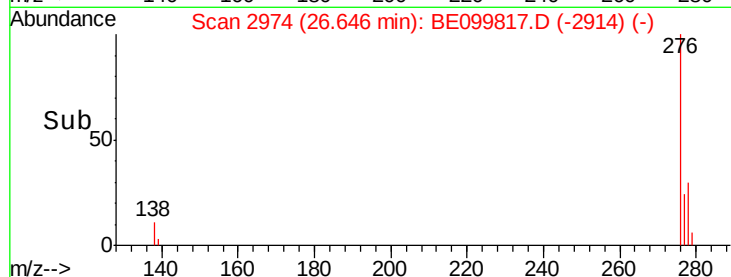
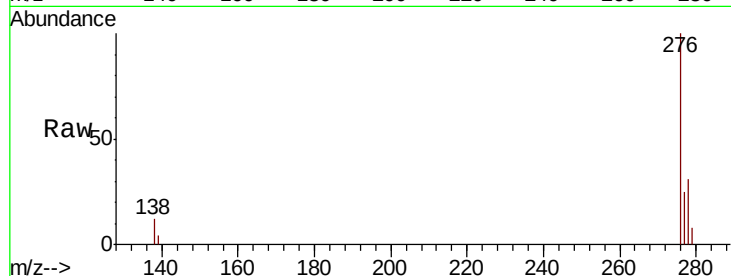
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng
RT: 26.65 min Scan# 2974
Delta R.T. 0.02 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.8	10.3	15.5#
277	24.1	19.4	29.2

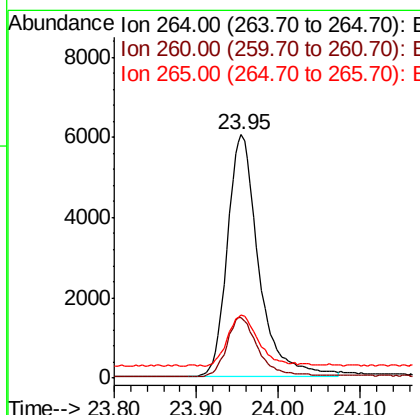
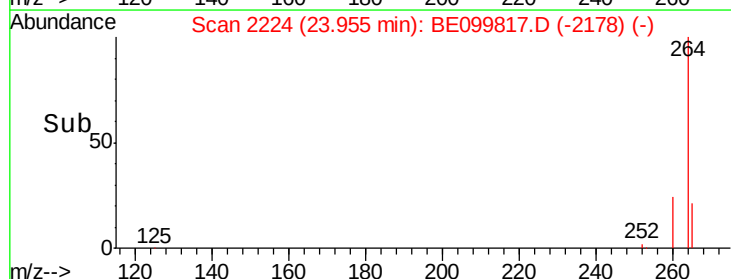
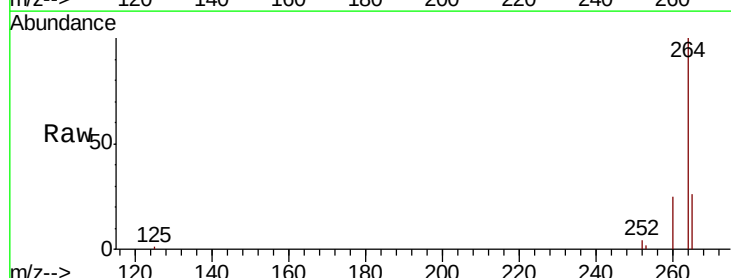
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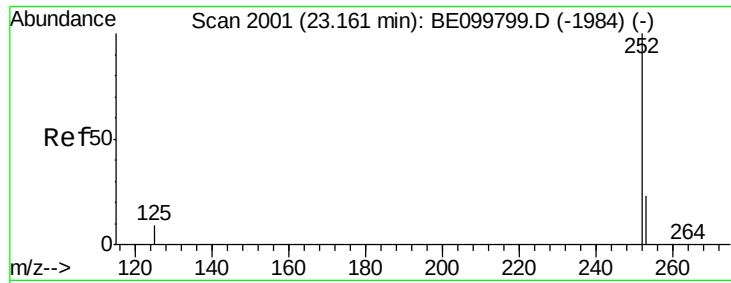
mohammad
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	25.8	20.7	31.1





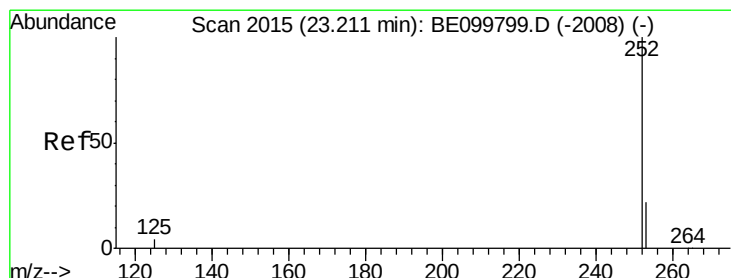
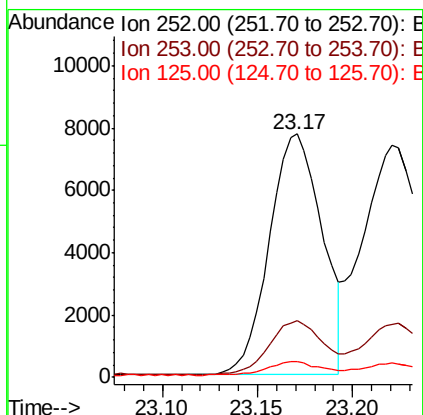
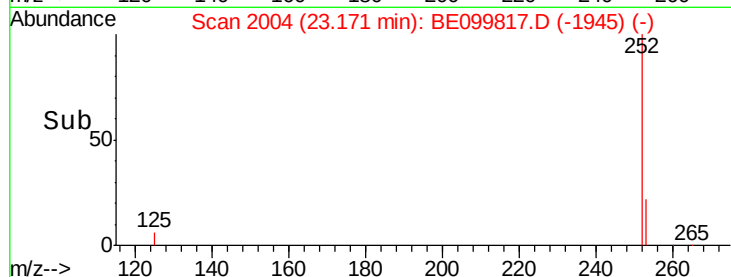
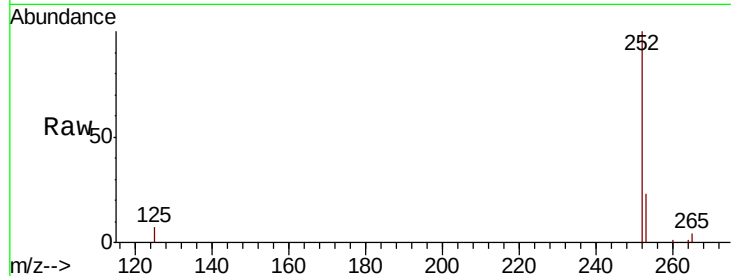
#35
Benzo(b)fluoranthene
Concen: 0.341 ng
RT: 23.17 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	6.6	7.6	11.4

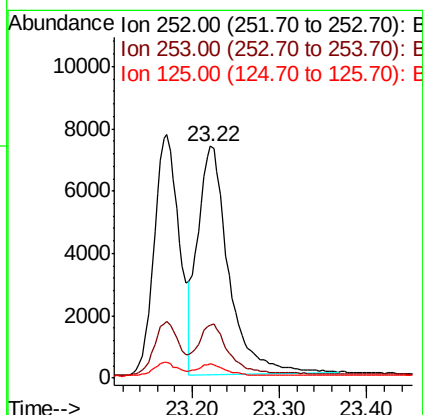
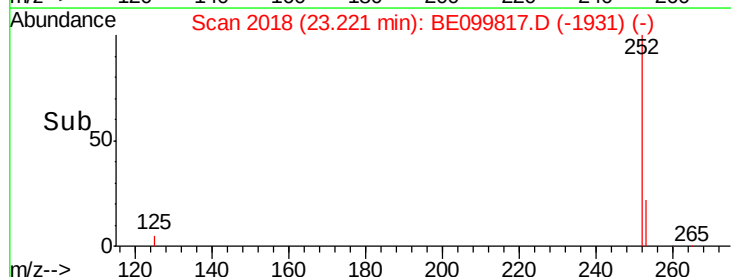
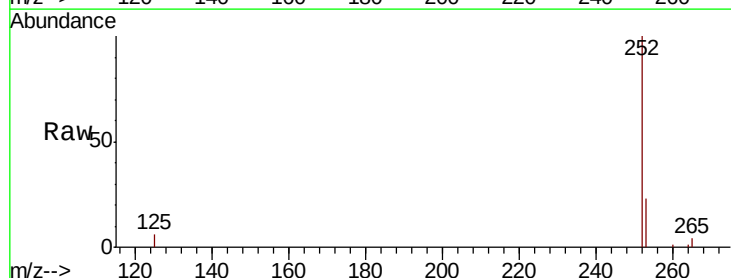
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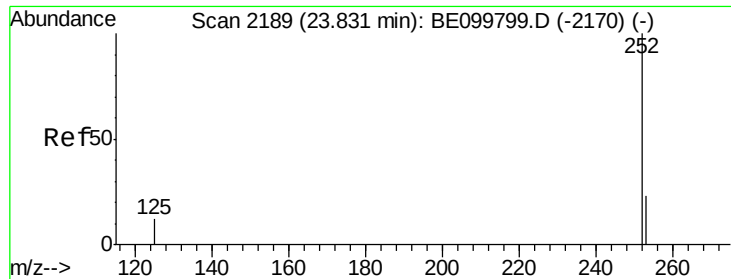
mohammad
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#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.22 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	6.0	4.6	7.0





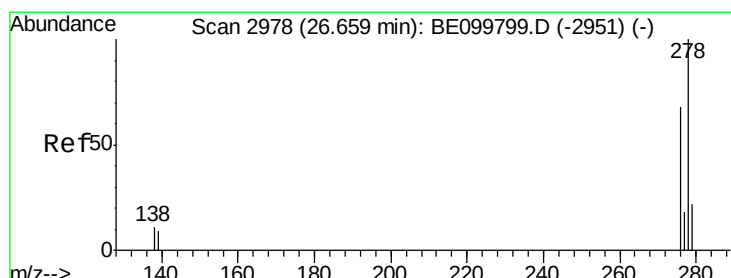
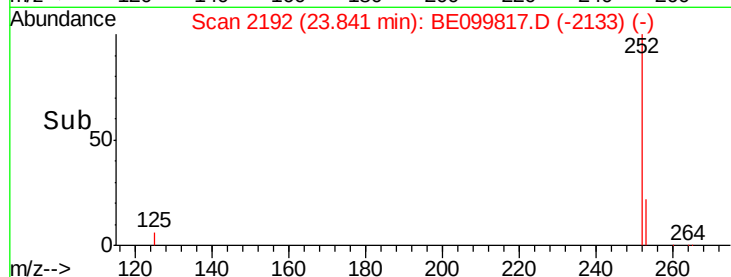
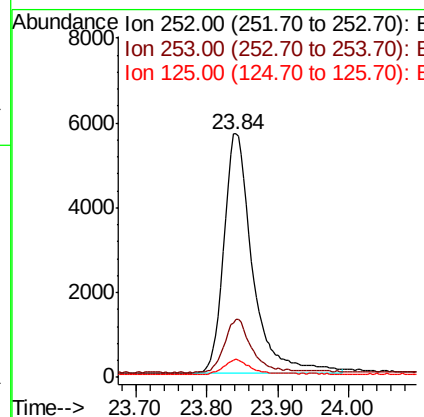
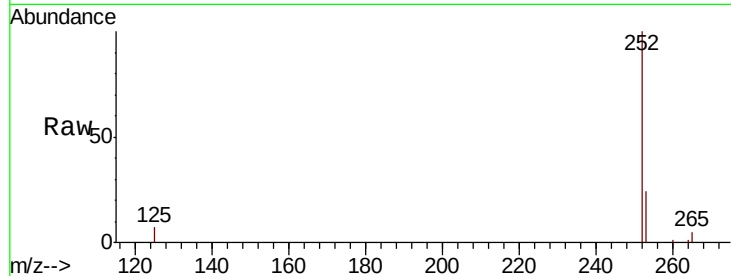
#37
Benzo(a)pyrene
Concen: 0.370 ng
RT: 23.84 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Instrument :
BNA_E
ClientSampleId :
PB120350BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.3	28.9
125	7.3	10.2	15.4

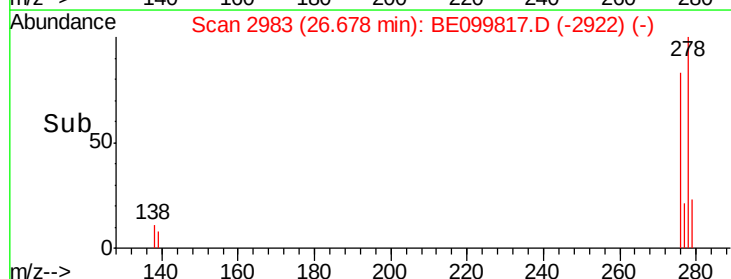
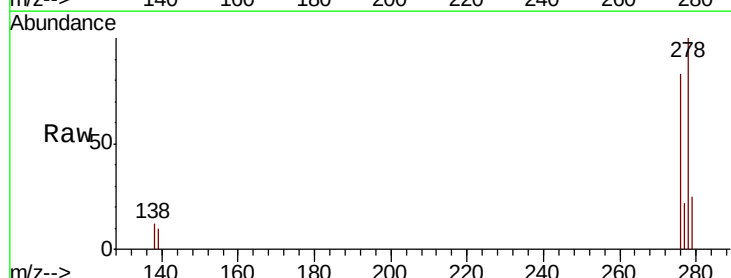
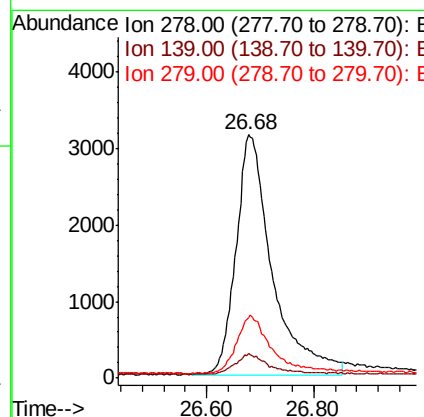
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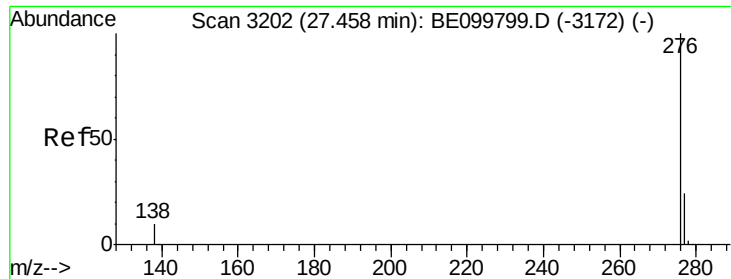
mohammad
6/7/2019 2:10:27 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.339 ng
RT: 26.68 min Scan# 2983
Delta R.T. 0.02 min
Lab File: BE099817.D
Acq: 6 Jun 2019 11:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.9	11.9
279	24.7	18.5	27.7





#39

Benzo(a,h,i)perylene

Concen: 0.363 ng

RT: 27.47 min Scan# 3205

Delta R.T. 0.01 min

Lab File: BE099817.D

Acq: 6 Jun 2019 11:07

Instrument :

BNA_E

ClientSampleId :

PB120350BS

Tot Ion: 276 Resp: 16499

Ion Ratio Lower Upper

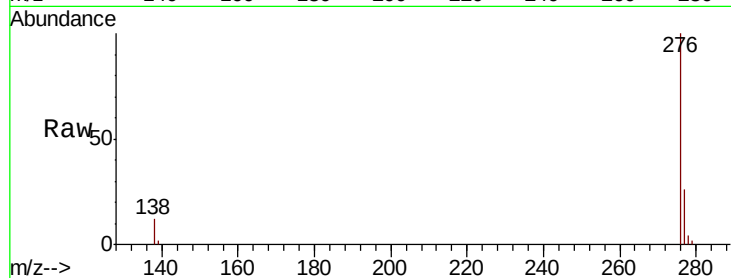
276 100

277 25.8 19.6 29.4

138 11.9 9.0 13.4

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

