

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099915.D
 Acq On : 11 Jun 2019 9:42
 Operator : JU/SJ
 Sample : PB120391BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120391BSD

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:37:29 AM

Quant Time: Jun 12 03:59:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	881	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3012	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2038	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6892	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11427	0.40	ng	0.00
34) Perylene-d12	23.93	264	12946	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	757	0.32	ng	0.00
5) Phenol-d6	6.96	99	954	0.31	ng	0.00
8) Nitrobenzene-d5	8.96	82	934	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2476	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	345	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2664	0.34	ng	-0.01
25) Fluoranthene-d10	19.25	212	35227	0.35	ng	0.00
29) Terphenyl-d14	19.85	244	7640	0.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	452	0.347	ng	# 59
3) n-Nitrosodimethylamine	3.61	42	234	0.311	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	766	0.306	ng	95
9) Naphthalene	10.65	128	11679	0.359	ng	100
10) Hexachlorobutadiene	10.93	225	898	0.362	ng	98
12) 2-Methylnaphthalene	12.28	142	1839	0.348	ng	98
16) Acenaphthylene	14.18	152	3448	0.340	ng	98
17) Acenaphthene	14.53	154	1904	0.345	ng	100
18) Fluorene	15.51	166	2786	0.336	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1333	0.341	ng	97
21) Hexachlorobenzene	16.52	284	1356	0.340	ng	99
22) Pentachlorophenol	16.95	266	125	0.365	ng	97
23) Phenanthrene	17.26	178	5753	0.344	ng	98
24) Anthracene	17.35	178	4870	0.318	ng	98
26) Fluoranthene	19.28	202	10353	0.364	ng	99
28) Pyrene	19.64	202	11017	0.367	ng	99
30) Benzo(a)anthracene	21.38	228	13618	0.399	ng	100
31) Chrysene	21.44	228	13748	0.389	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16842	0.344	ng	99
33) Indeno(1,2,3-cd)pyrene	26.61	276	16435	0.392	ng	99
35) Benzo(b)fluoranthene	23.15	252	13949m	0.385	ng	
36) Benzo(k)fluoranthene	23.20	252	14681	0.387	ng	100
37) Benzo(a)pyrene	23.81	252	13812	0.386	ng	# 94
38) Dibenzo(a,h)anthracene	26.64	278	13191	0.366	ng	99
39) Benzo(g,h,i)perylene	27.43	276	14154	0.381	ng	99

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

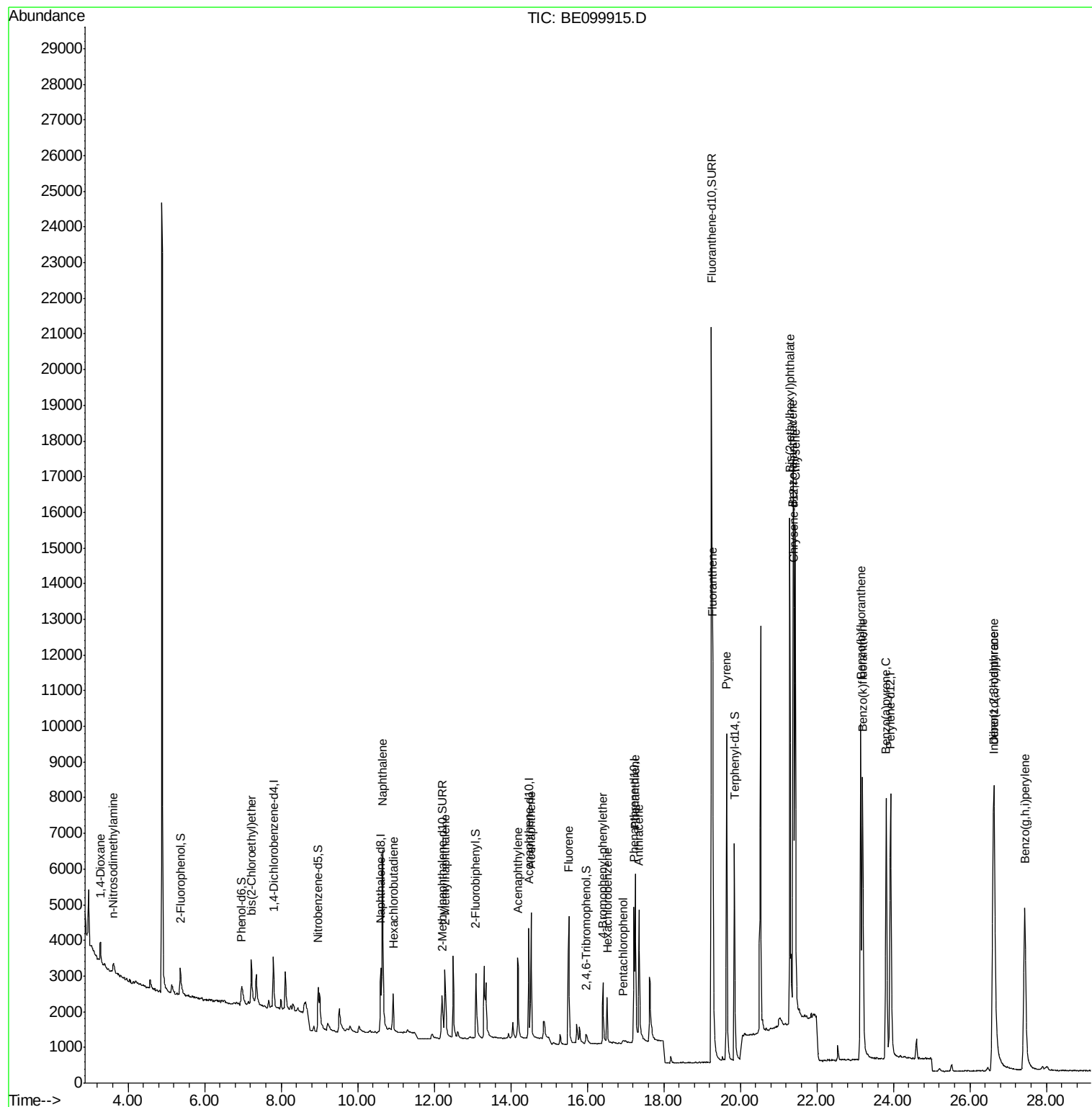
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099915.D
Acq On : 11 Jun 2019 9:42
Operator : JU/SJ
Sample : PB120391BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

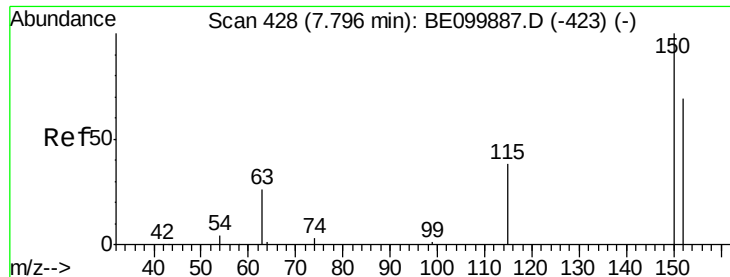
Instrument :
BNA_E
ClientSampleId :
PB120391BSD

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6/14/2019 8:37:29 AM

Quant Time: Jun 12 03:59:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

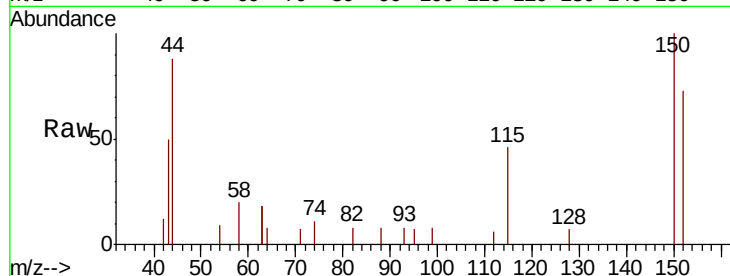
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Instrument :
BNA_E
ClientSampleId :
PB120391BSD

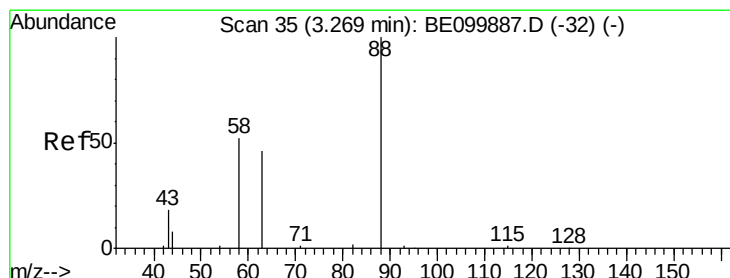
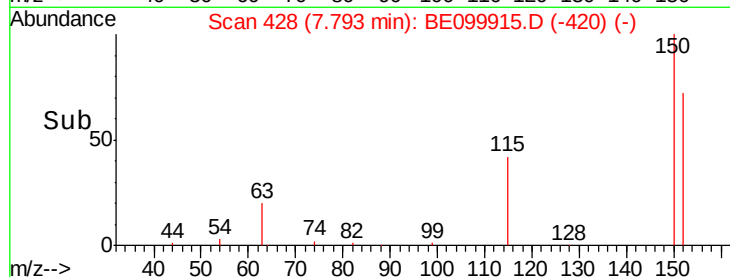
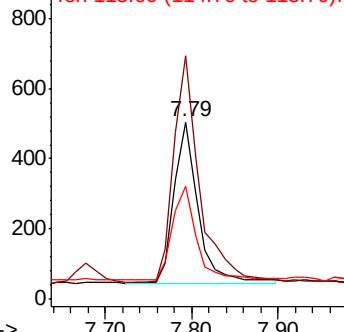
Tot Ion	Ratio	Lower	Upper
152	100		
150	137.5	111.0	166.6
115	63.5	50.7	76.1

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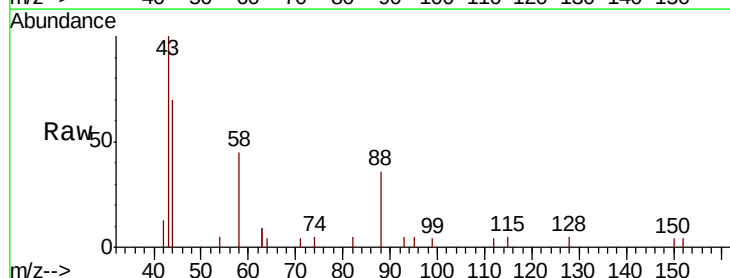
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



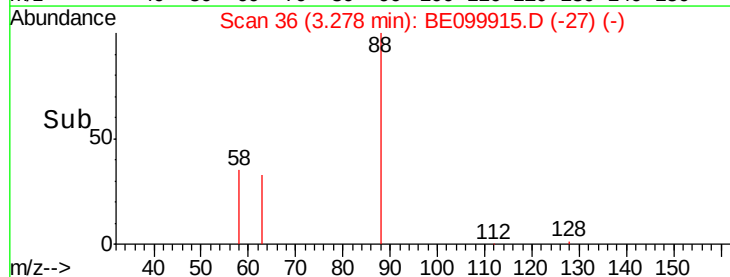
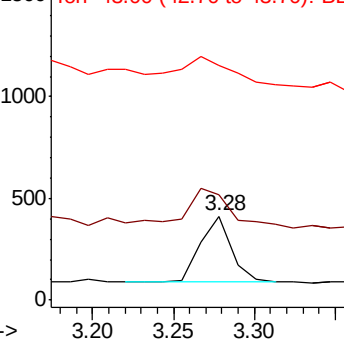
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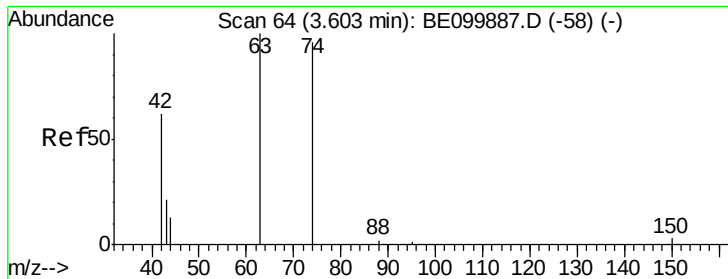
1,4-Dioxane
Concen: 0.347 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	48.8	73.2#
43	69.7	19.0	28.6#



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: 0.311 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

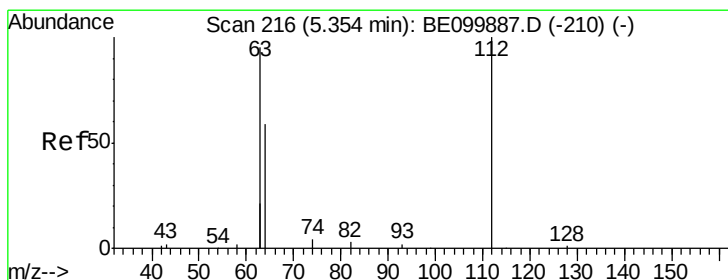
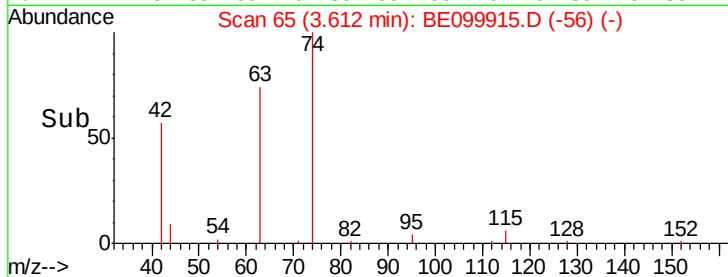
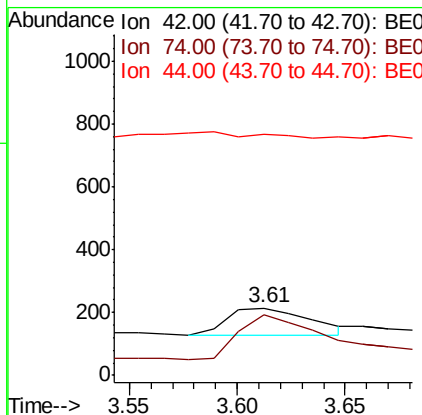
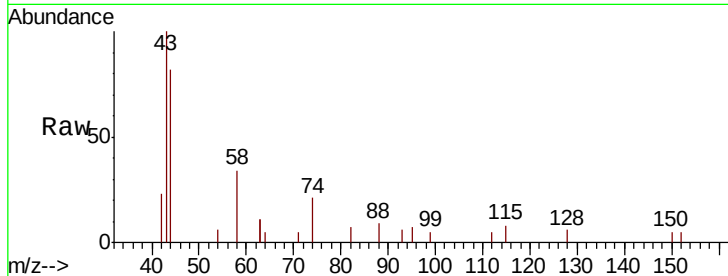
ClientSampleId :

PB120391BSD

Tot Ion:	42	Resp:	234
Ion	Ratio	Lower	Upper
42	100		
74	162.4	0.0	0.0#
44	0.0	0.0	0.0

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#4

2-Fluorophenol

Concen: 0.318 ng

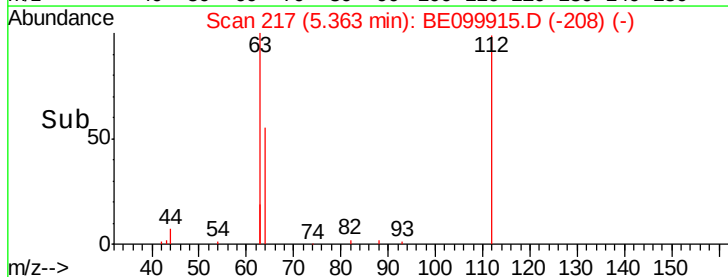
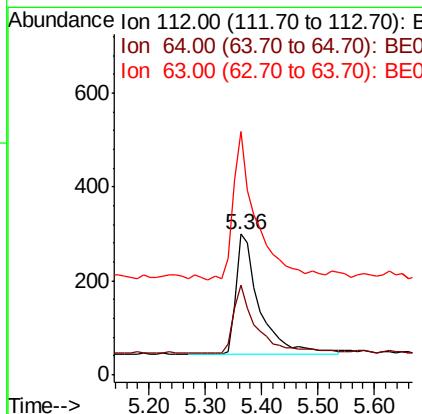
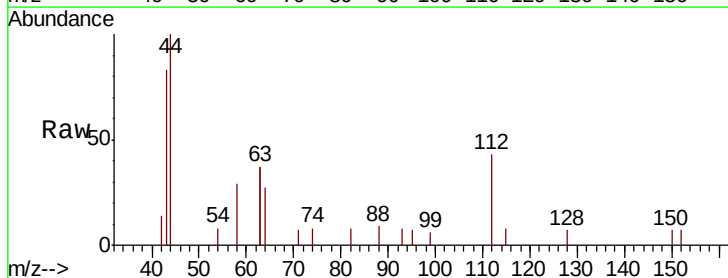
RT: 5.36 min Scan# 217

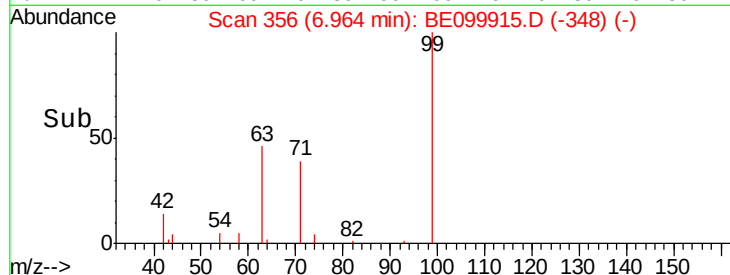
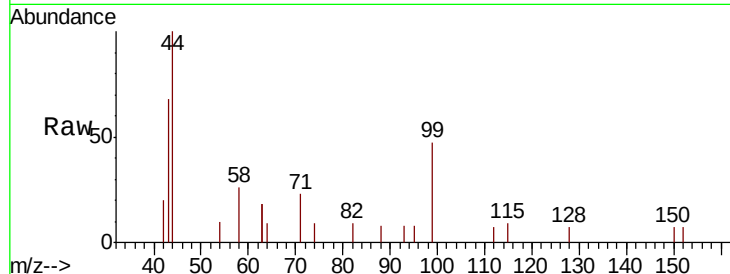
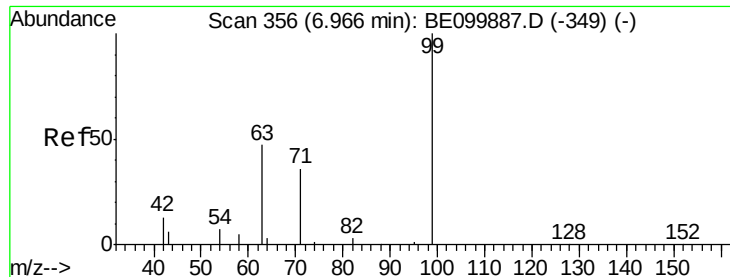
Delta R.T. 0.01 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Tgt Ion:	112	Resp:	757
Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.1	66.1
63	121.4	87.8	131.6





#5

Phenol-d6

Concen: 0.311 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Tot Ion	99	Resp	954
Ion	Ratio	Lower	Upper
99	100		
42	16.6	15.9	23.9
71	36.5	34.6	52.0

Instrument :

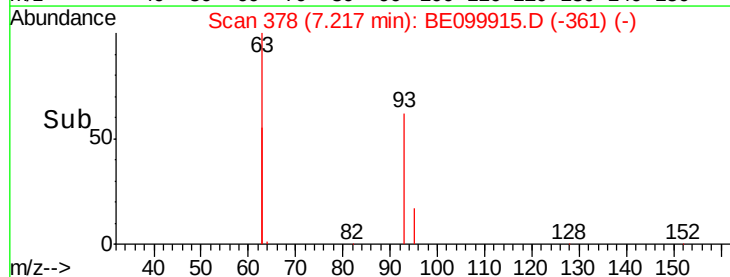
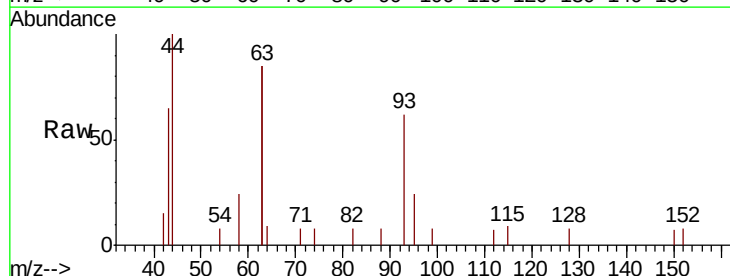
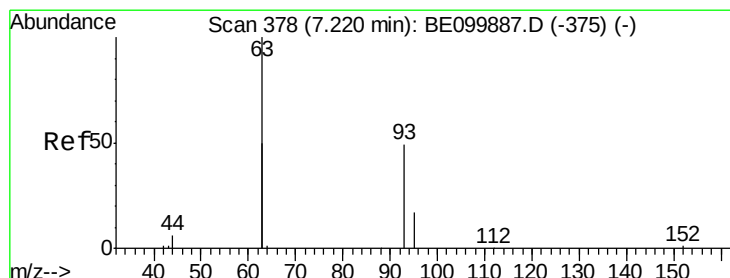
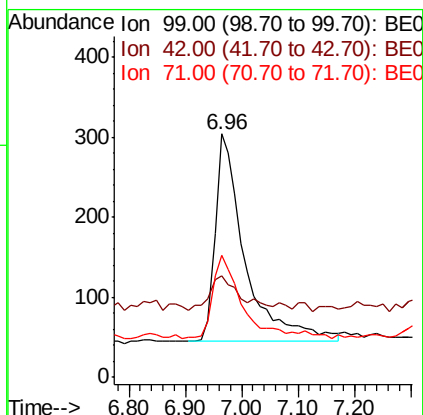
BNA_E

ClientSampleId :

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#6

bis(2-Chloroethyl)ether

Concen: 0.306 ng

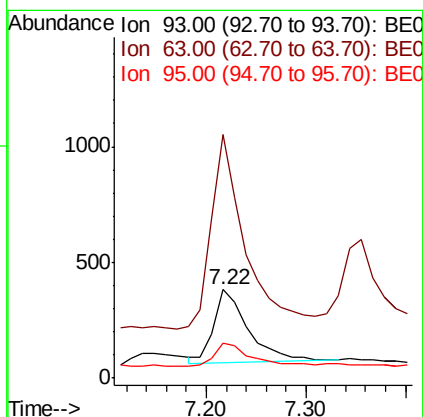
RT: 7.22 min Scan# 378

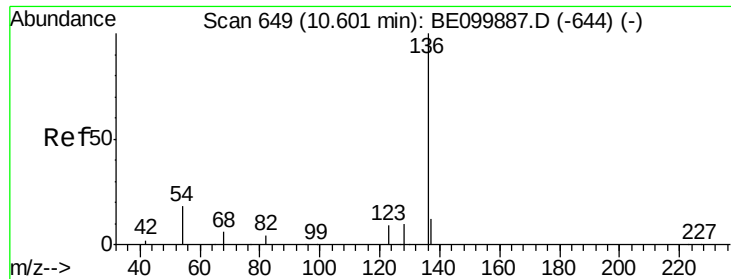
Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Tgt Ion	93	Resp	766
Ion	Ratio	Lower	Upper
93	100		
63	261.6	202.8	304.2
95	33.4	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

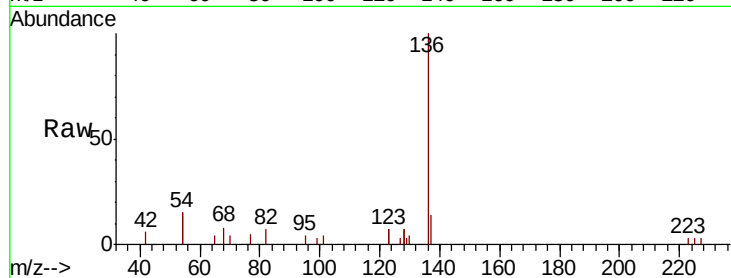
ClientSampleId :

PB120391BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.8	12.3	18.5
54	29.5	28.2	42.4
68	8.1	7.8	11.8

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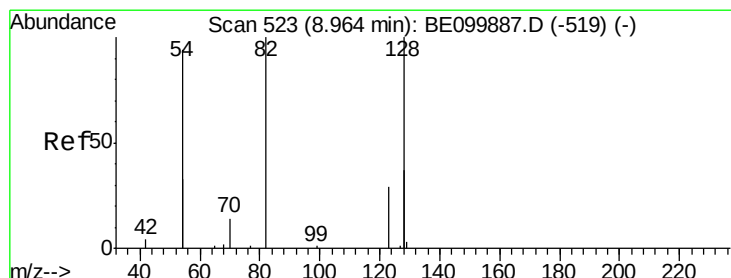
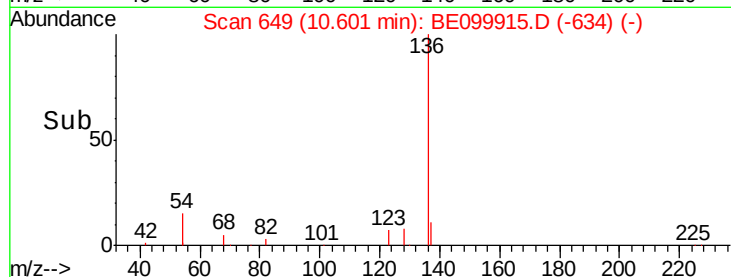
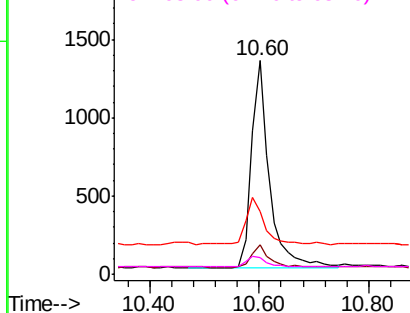
Abundance

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: 0.327 ng

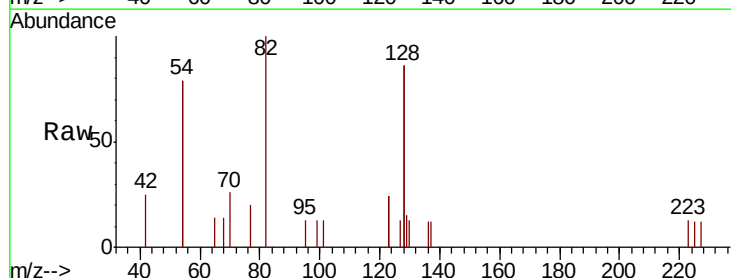
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Tgt Ion	Ratio	Lower	Upper
82	100		
128	172.3	137.3	205.9
54	158.9	129.7	194.5

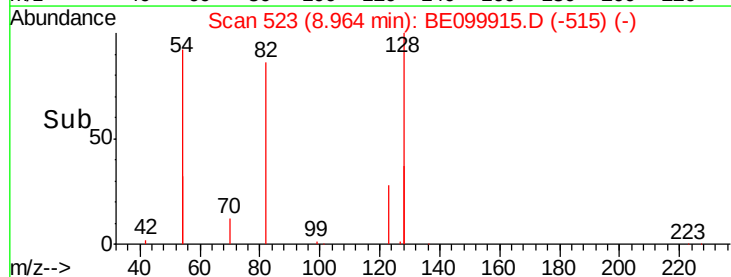
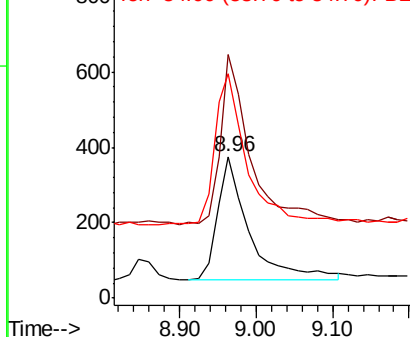


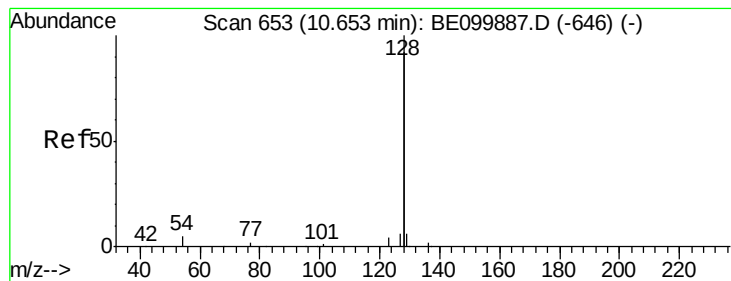
Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.359 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

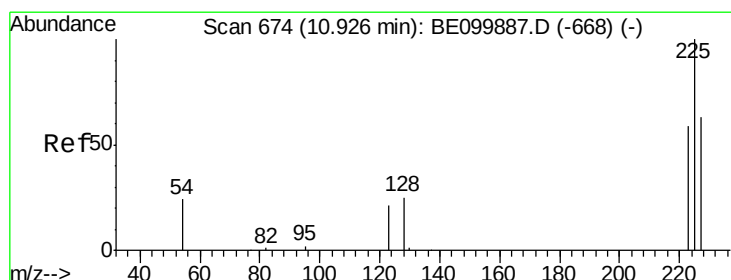
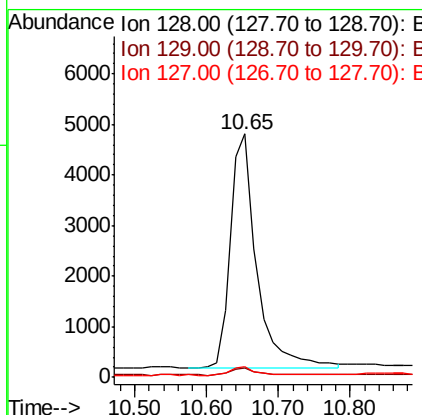
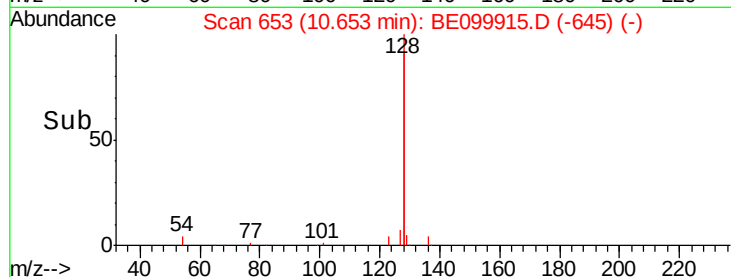
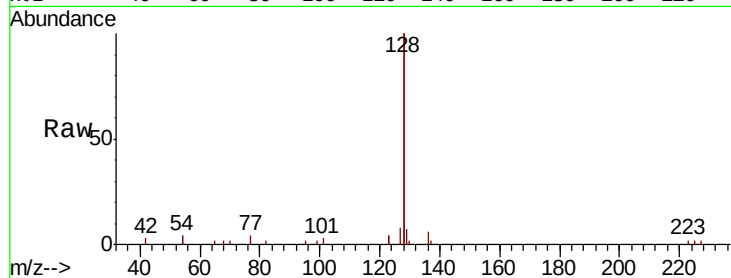
ClientSampleId :

PB120391BSD

Tot Ion:	128	Resp:	11679
Ion Ratio	Lower	Upper	
128	100		
129	3.7	3.0	4.6
127	4.2	3.4	5.0

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#10

Hexachlorobutadiene

Concen: 0.362 ng

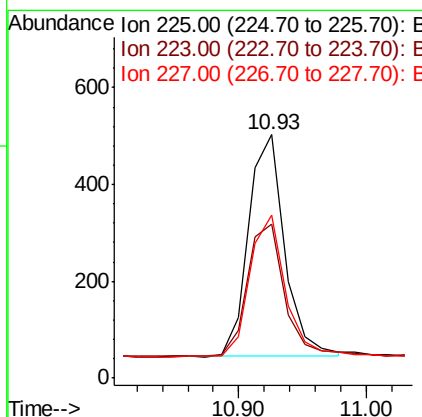
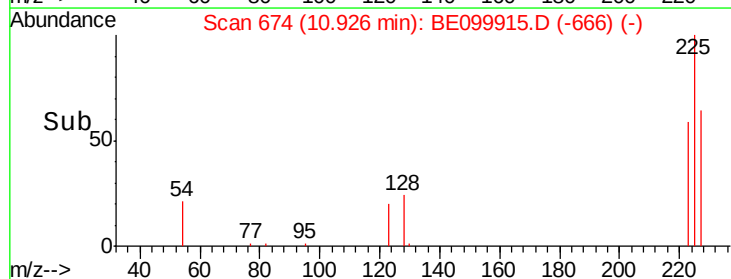
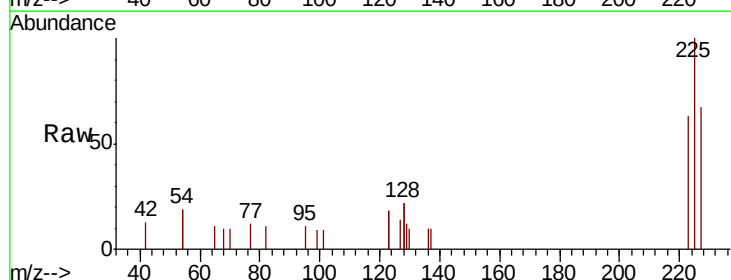
RT: 10.93 min Scan# 674

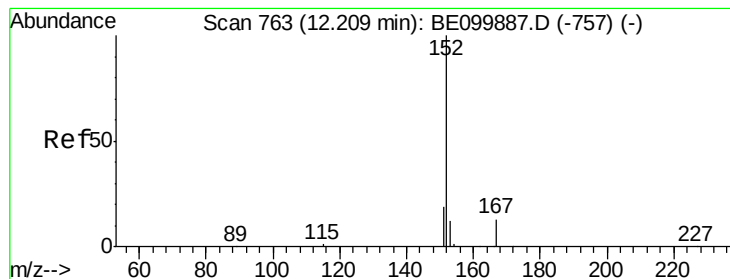
Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Tgt Ion:	225	Resp:	898
Ion Ratio	Lower	Upper	
225	100		
223	61.6	51.6	77.4
227	63.5	50.6	76.0





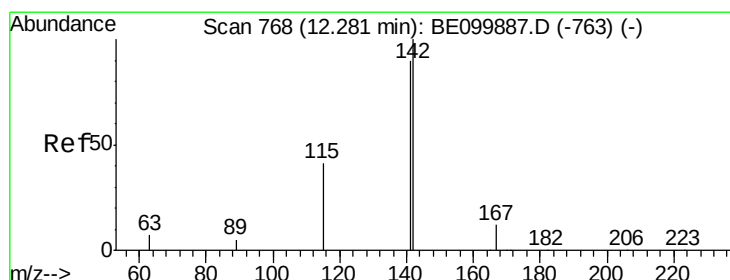
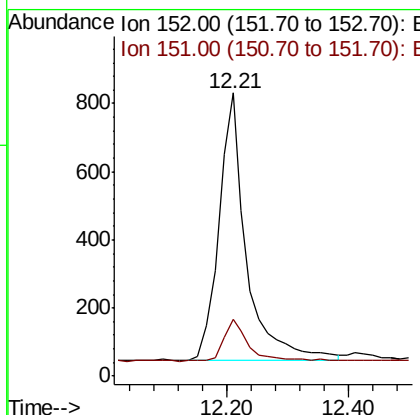
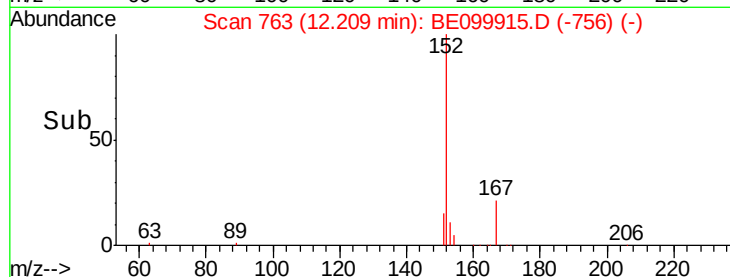
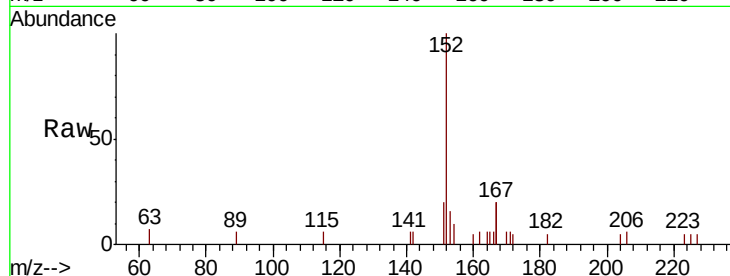
#11
2-Methylnaphthalene-d10
Concen: 0.471 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Instrument :
BNA_E
ClientSampleId :
PB120391BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	13.6	15.2	22.8#

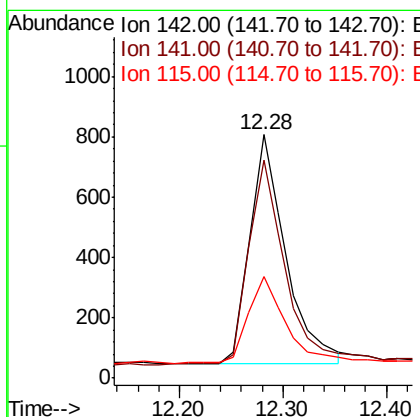
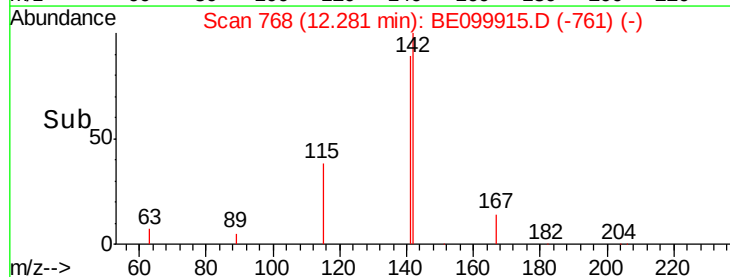
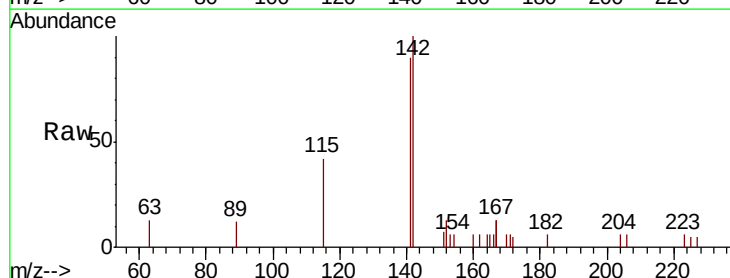
Manual Integrations
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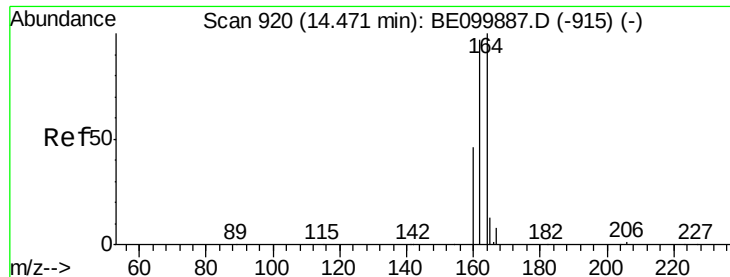
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#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	41.9	36.4	54.6





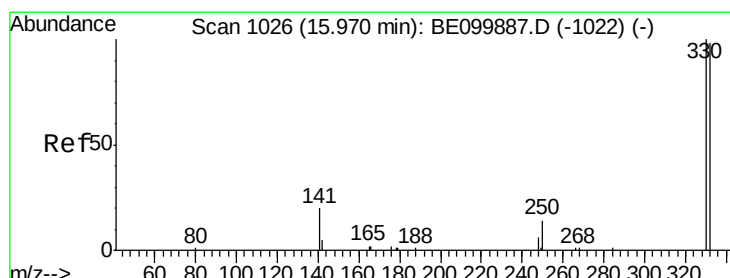
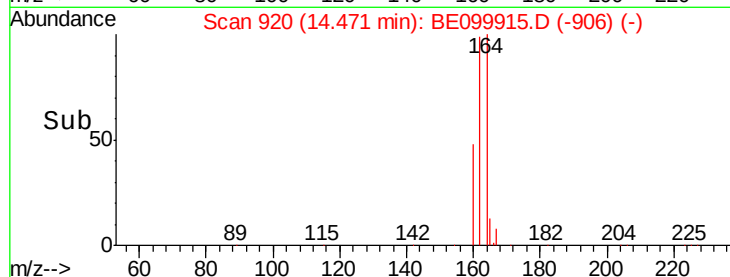
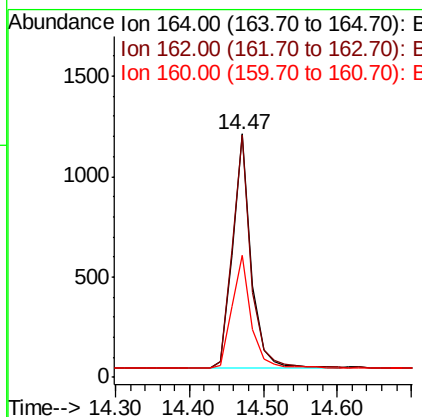
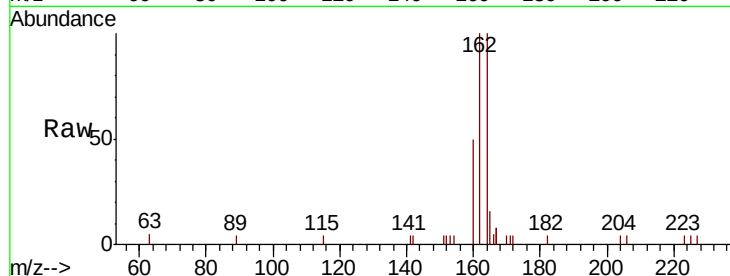
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Instrument :
BNA_E
ClientSampleId :
PB120391BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	77.8	116.8
160	50.2	38.2	57.4

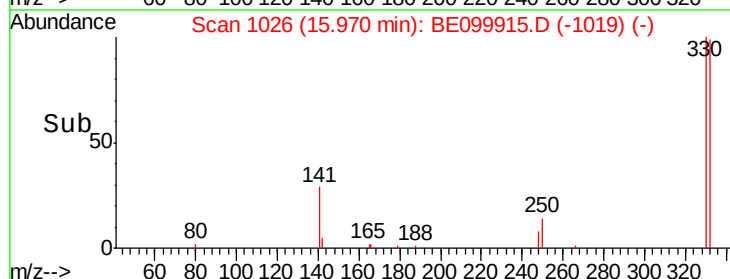
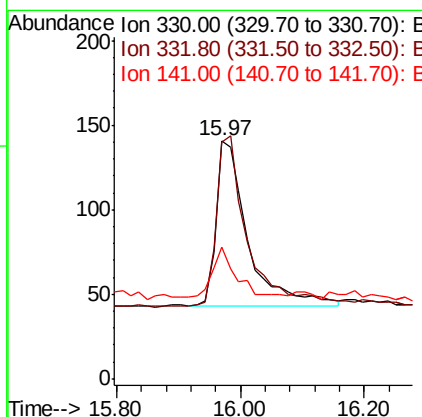
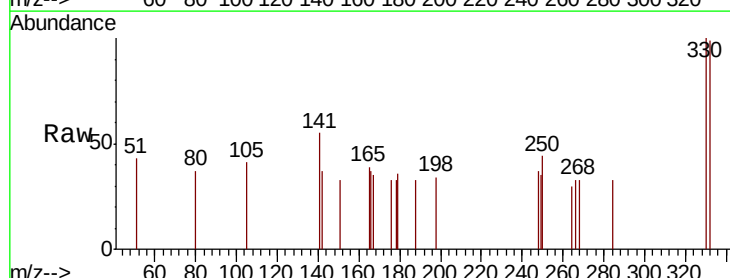
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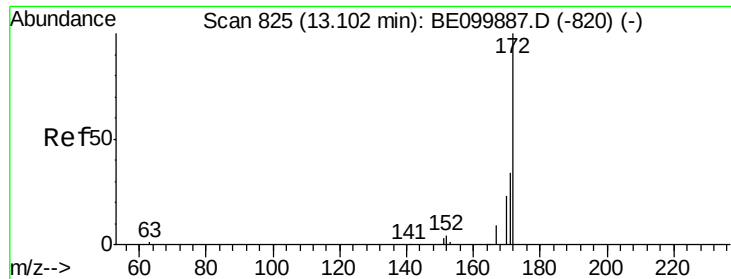
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#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.9	76.7	115.1
141	23.2	21.0	31.6





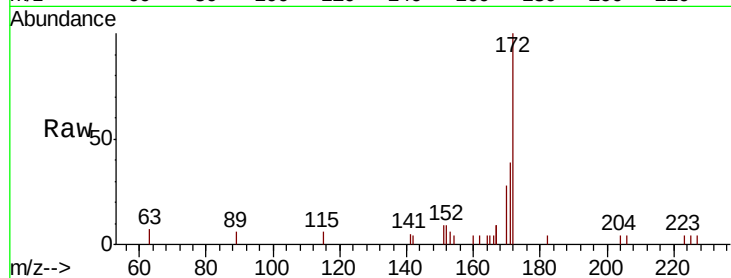
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Instrument :
BNA_E
ClientSampleId :
PB120391BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.2	43.8
170	28.0	21.2	31.8

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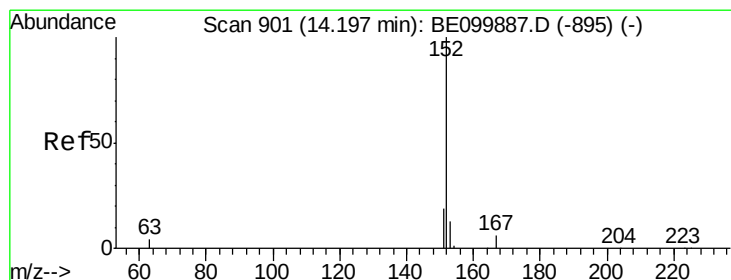
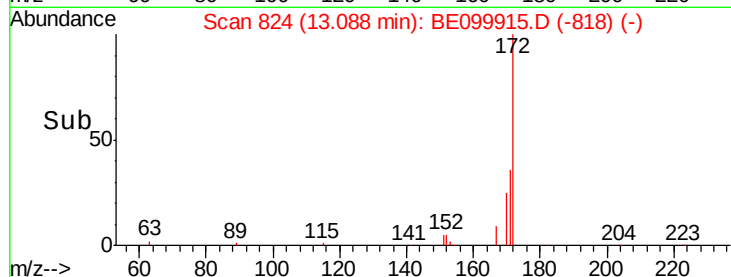
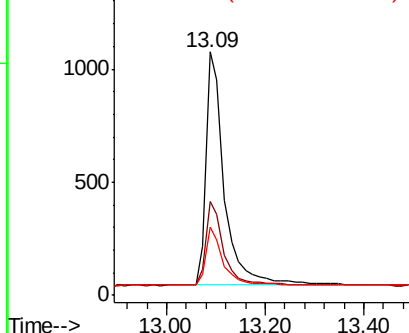


Abundance

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: 0.340 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

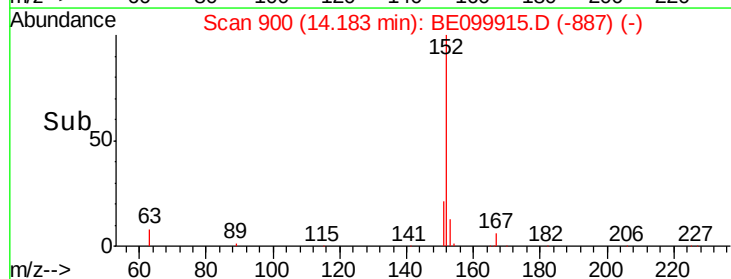
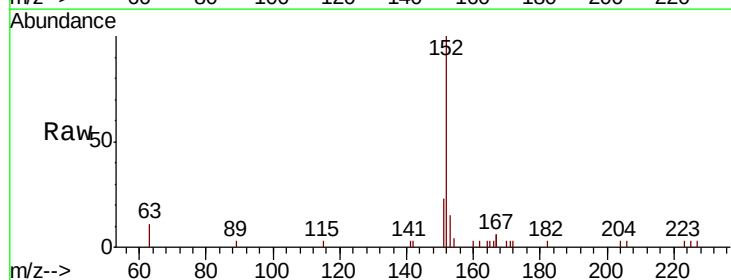
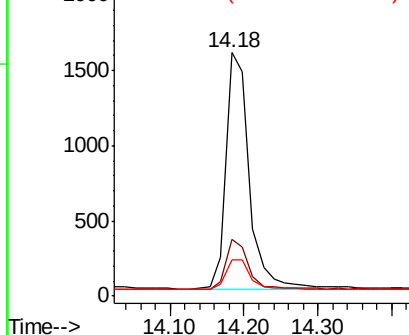
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.5	23.3
153	13.3	10.2	15.2

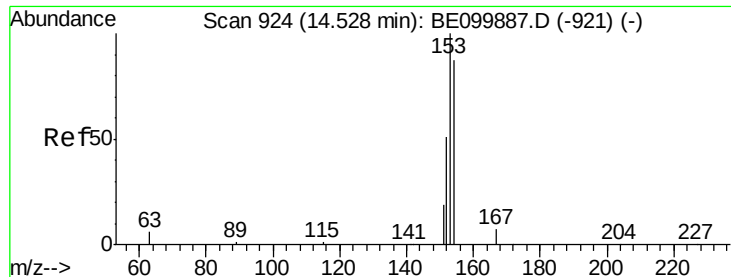
Abundance

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





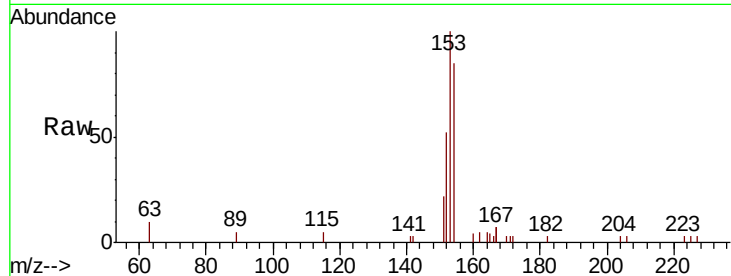
#17
Acenaphthene
Concen: 0.345 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Instrument :
BNA_E
ClientSampleId :
PB120391BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.6	93.1	139.7
152	58.6	47.0	70.4

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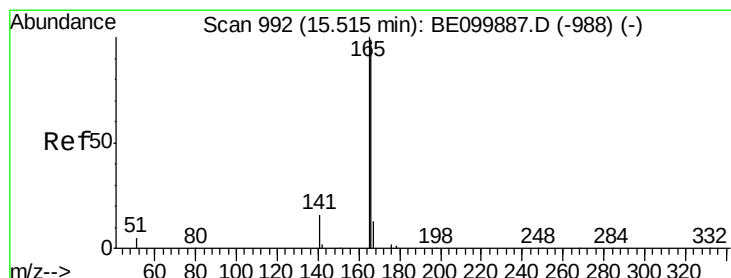
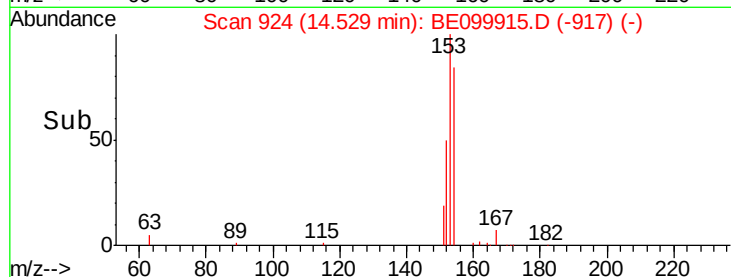
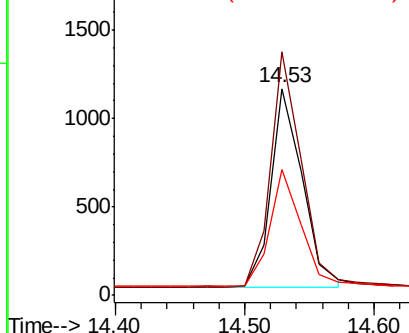


Abundance

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: 0.336 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

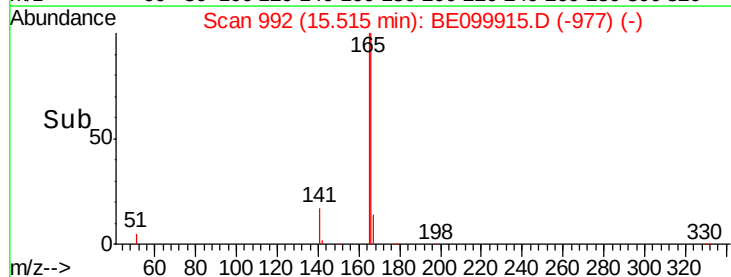
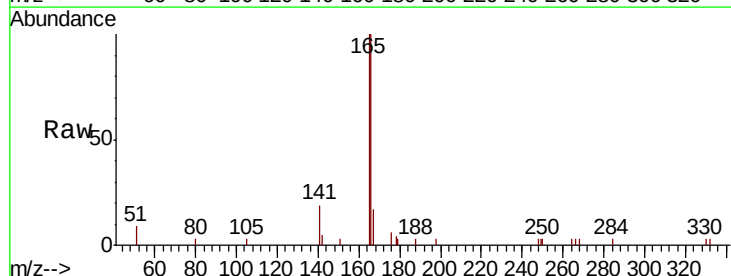
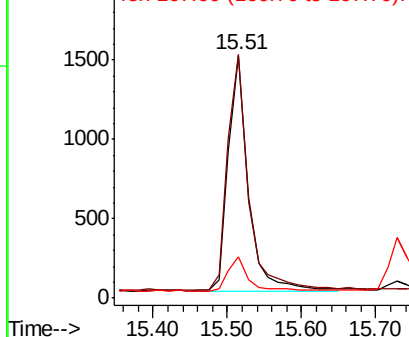
Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.4	81.8	122.8
167	14.3	11.2	16.8

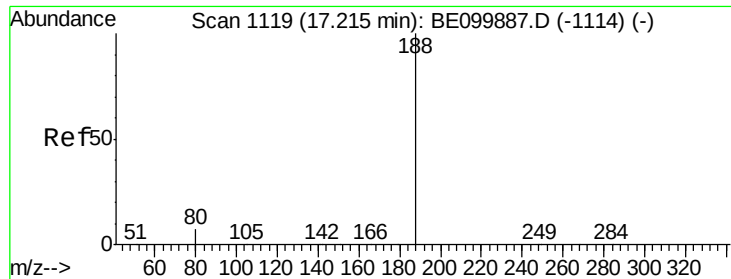
Abundance

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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

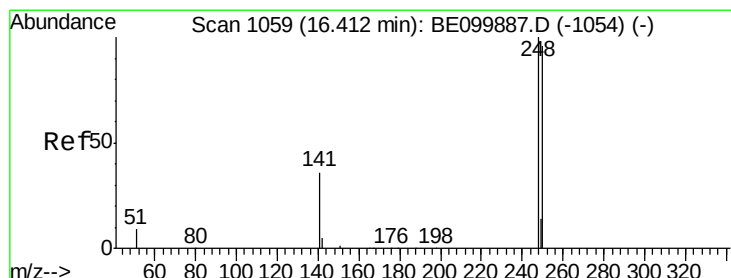
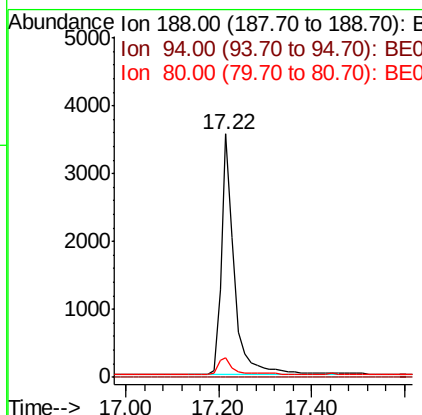
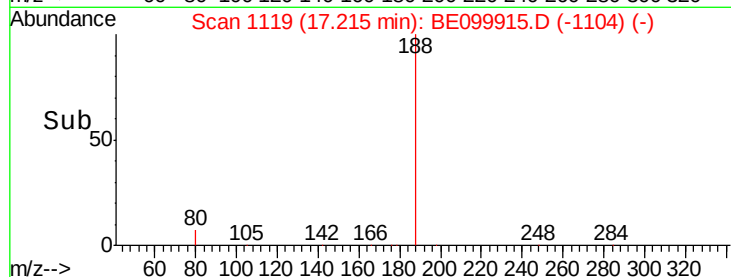
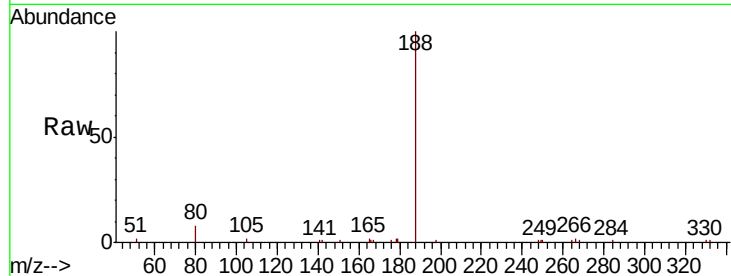
ClientSampleId :

PB120391BSD

Tot Ion:	188	Resp:	6892
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: 0.341 ng

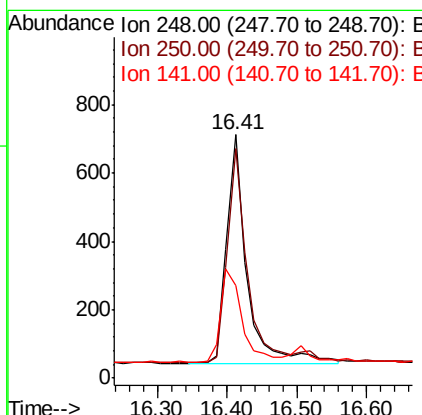
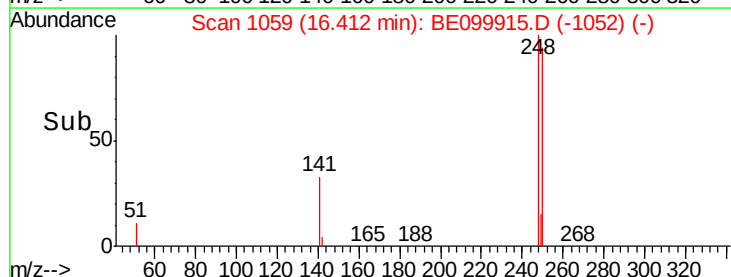
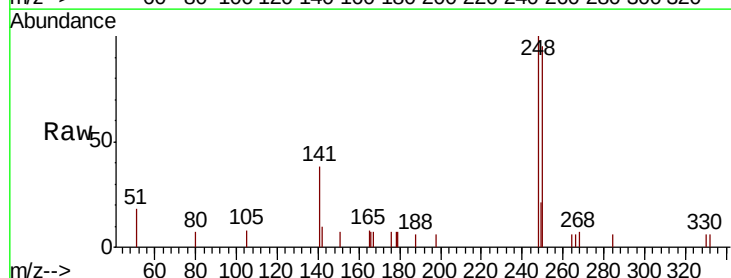
RT: 16.41 min Scan# 1059

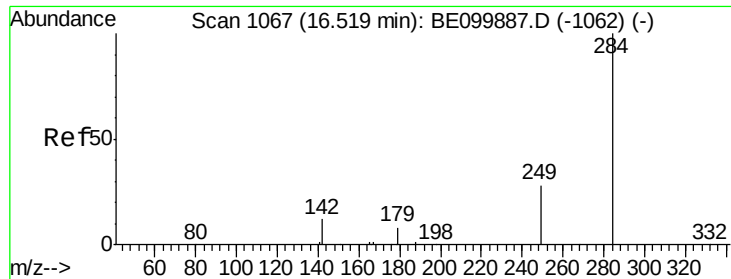
Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Tgt Ion:	248	Resp:	1333
Ion Ratio	Lower	Upper	
248	100		
250	94.5	77.5	116.3
141	37.9	31.8	47.8





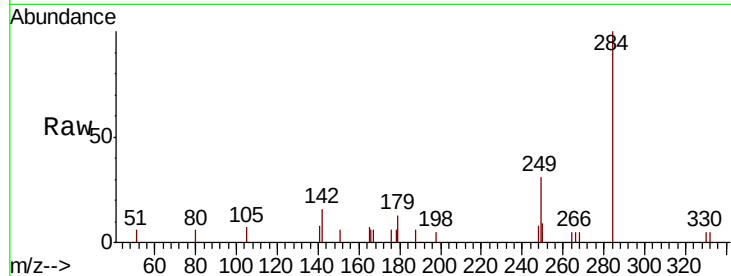
#21
Hexachlorobenzene
Concen: 0.340 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Instrument :
BNA_E
ClientSampleId :
PB120391BSD

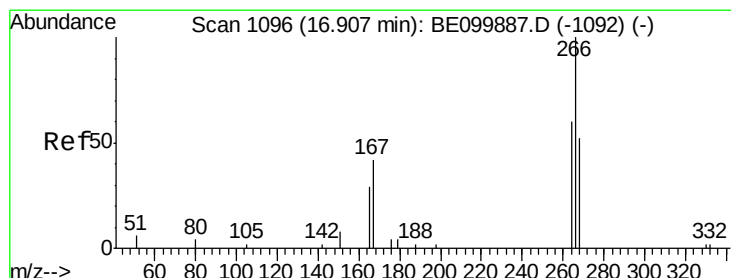
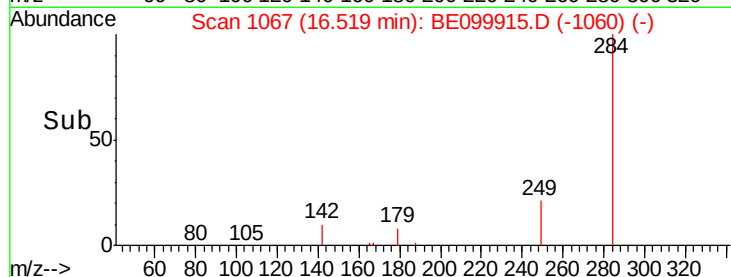
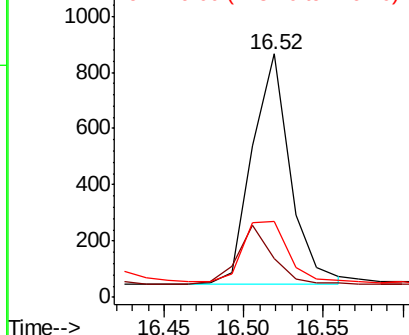
Tot Ion:	284	Resp:	1356
Ion Ratio	Lower	Upper	
284	100		
142	23.6	18.2	27.4
249	30.8	24.6	37.0

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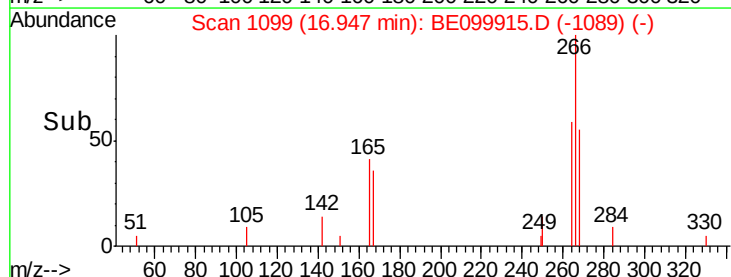
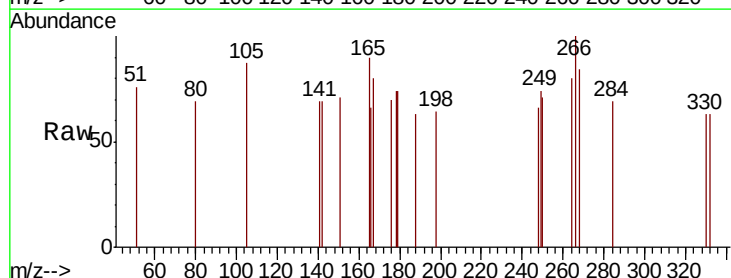
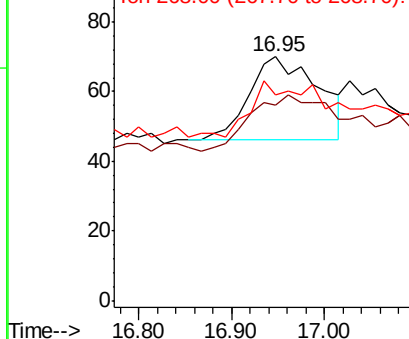
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

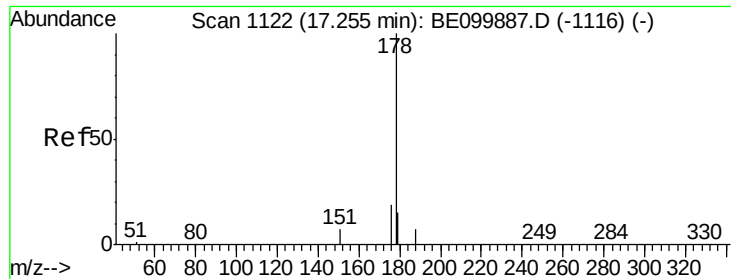


#22
Pentachlorophenol
Concen: 0.365 ng
RT: 16.95 min Scan# 1099
Delta R.T. 0.04 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Tgt Ion:	266	Resp:	125
Ion Ratio	Lower	Upper	
266	100		
264	80.0	62.2	93.2
268	84.3	65.5	98.3

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: 0.344 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

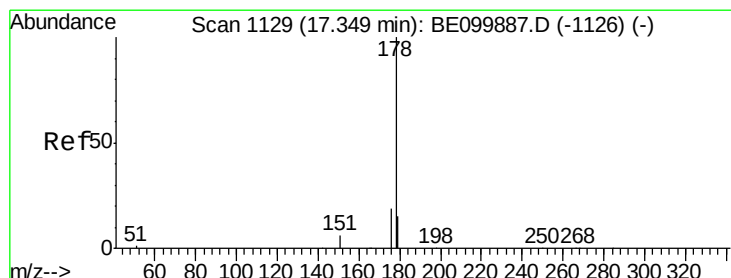
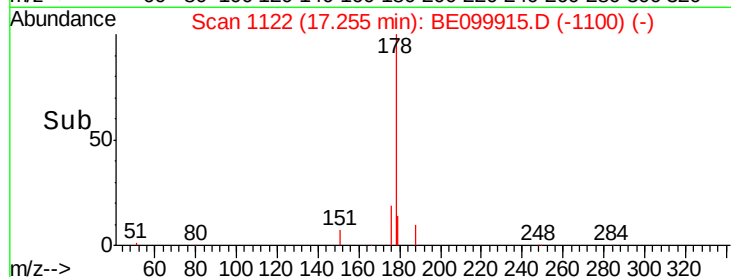
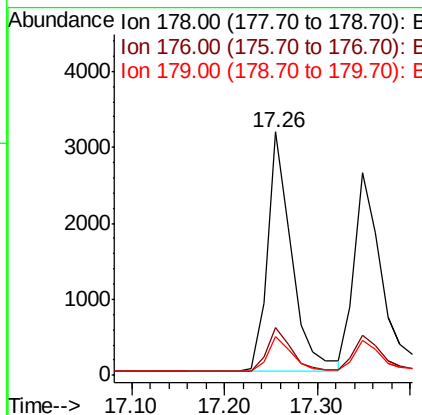
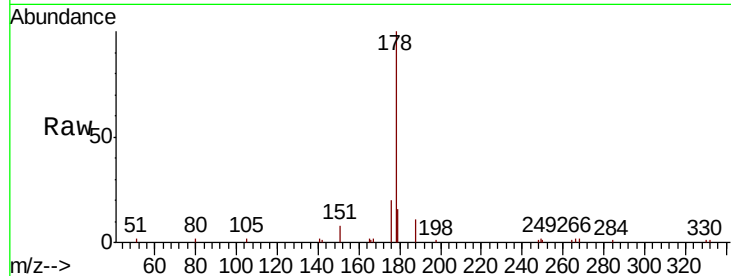
ClientSampleId :

PB120391BSD

Tot Ion:178	Resp:	5753
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.8 23.8
179	14.5	12.4 18.6

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#24

Anthracene

Concen: 0.318 ng

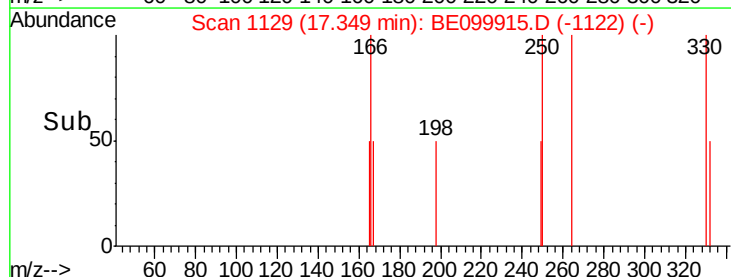
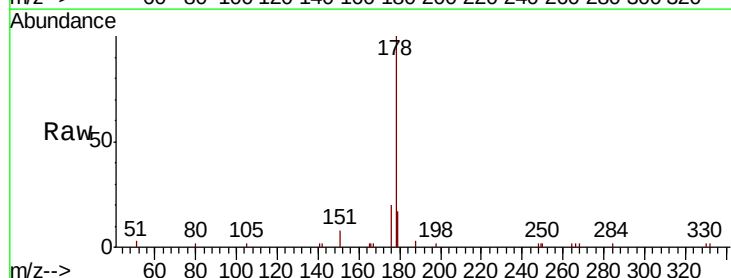
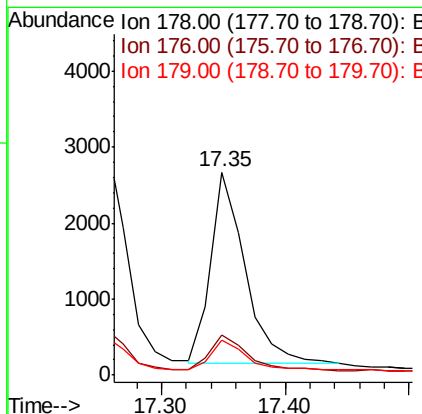
RT: 17.35 min Scan# 1129

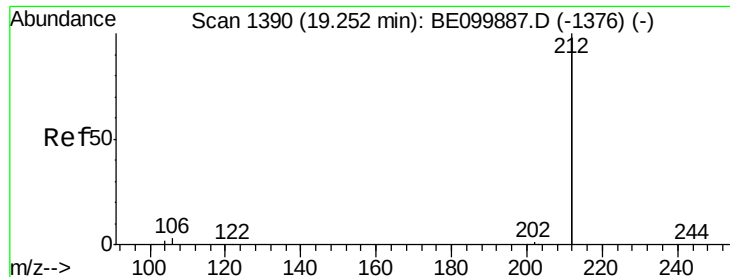
Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Tgt Ion:178	Resp:	4870
Ion Ratio	Lower	Upper
178	100	
176	19.8	14.6 22.0
179	15.3	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.351 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

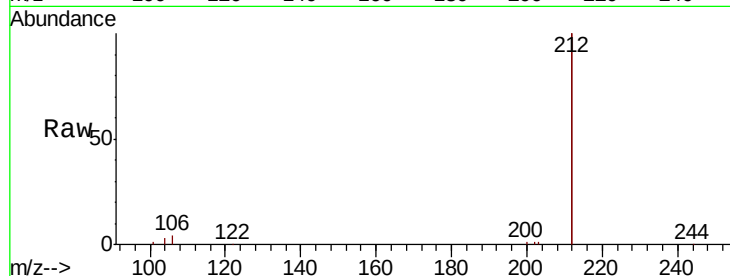
ClientSampled :

PB120391BSD

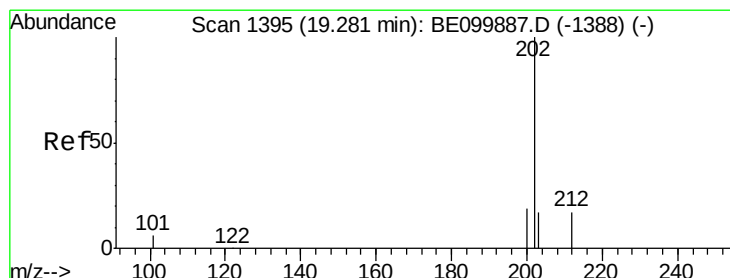
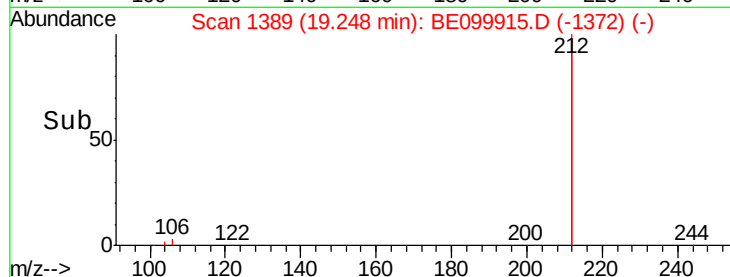
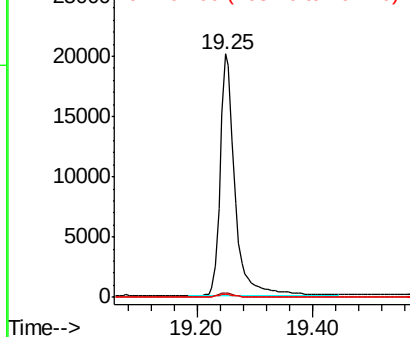
Tot Ion:	212	Resp:	35227
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

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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: 0.364 ng

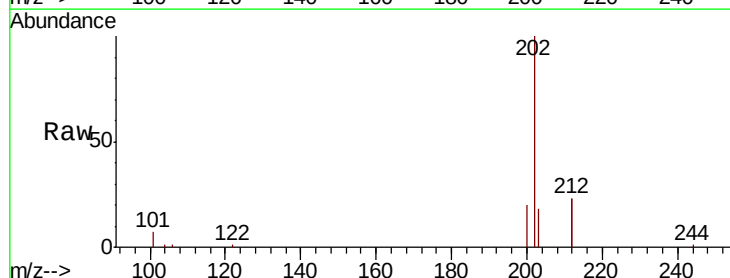
RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

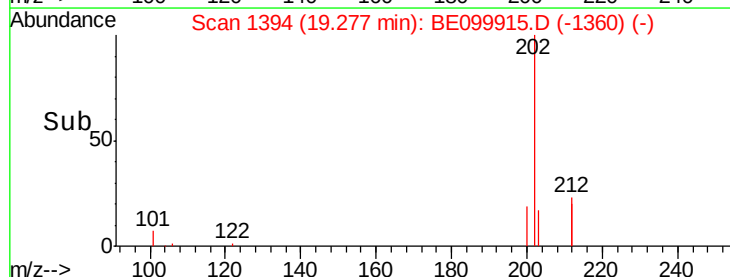
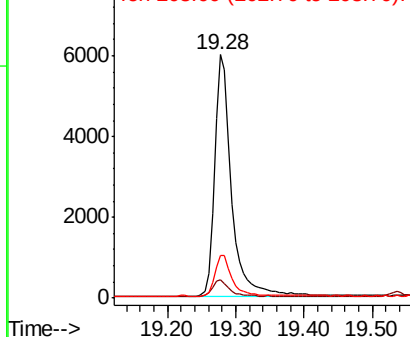
Lab File: BE099915.D

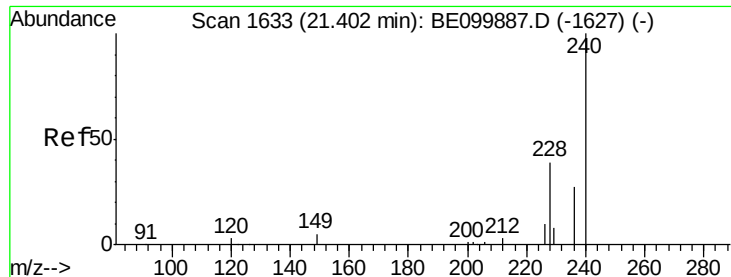
Acq: 11 Jun 2019 9:42

Tgt Ion:	202	Resp:	10353
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.4	8.0
203	17.3	13.2	19.8



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





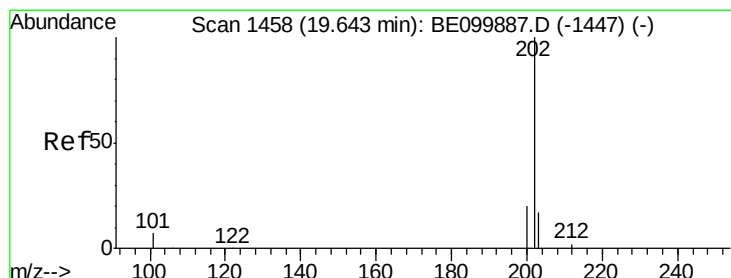
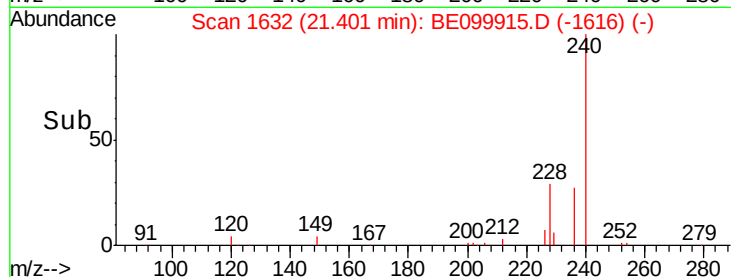
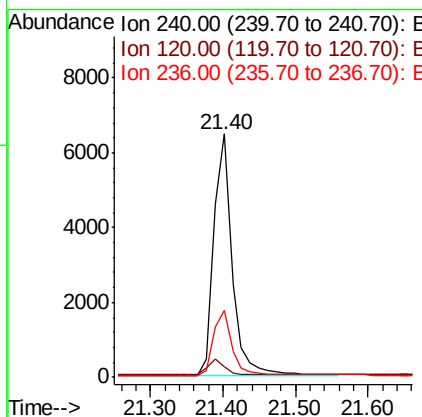
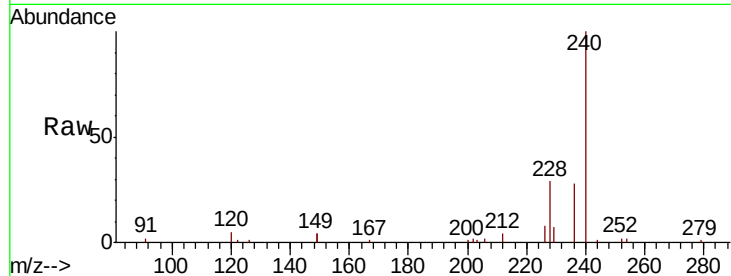
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Instrument :
BNA_E
ClientSampleId :
PB120391BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.8	5.6
236	27.7	22.0	33.0

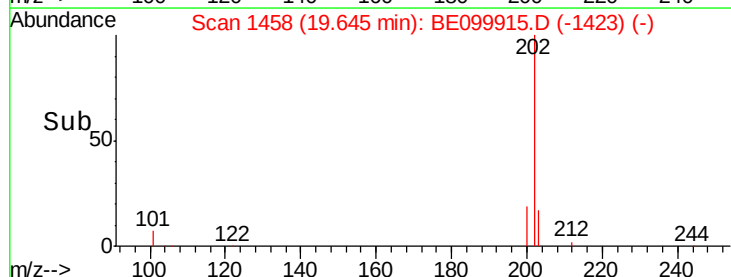
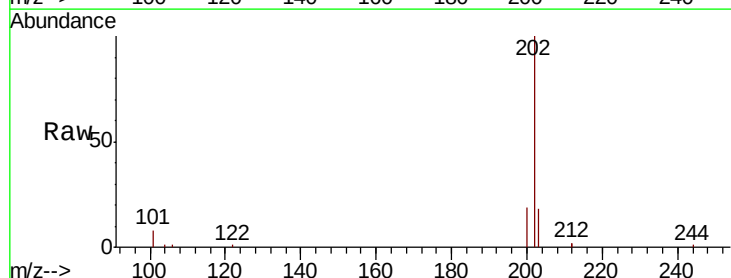
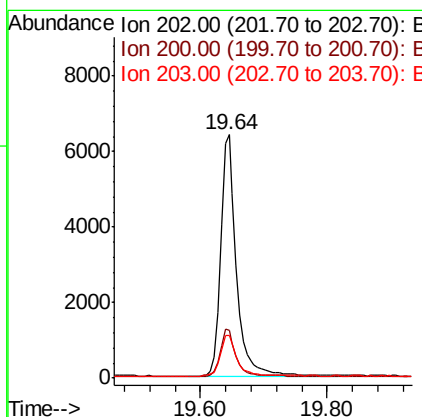
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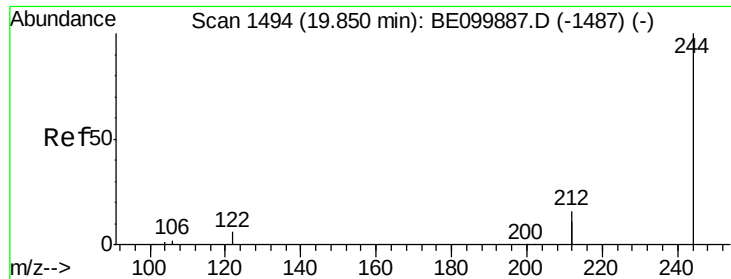
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#28
Pyrene
Concen: 0.367 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	18.0	14.0	21.0





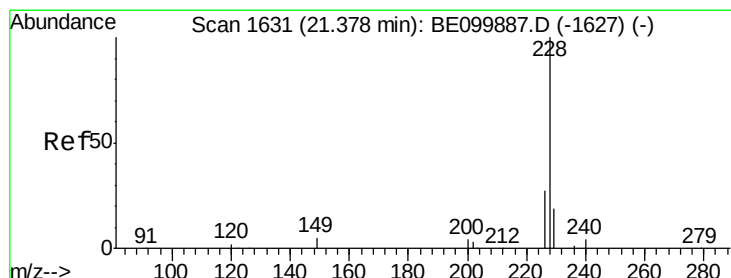
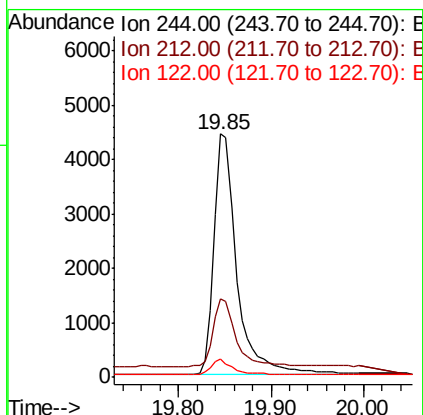
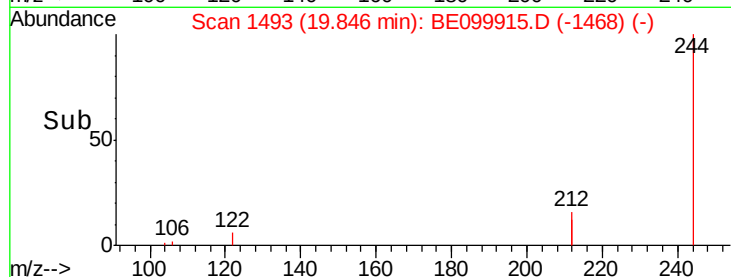
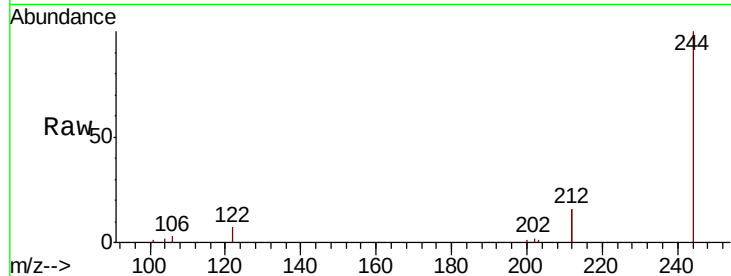
#29
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.85 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BE099915.D
 Acq: 11 Jun 2019 9:42

Instrument :
 BNA_E
 ClientSampleId :
 PB120391BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	32.0	25.7	38.5
122	7.3	5.5	8.3

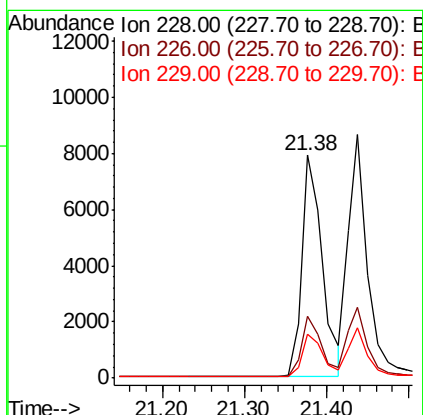
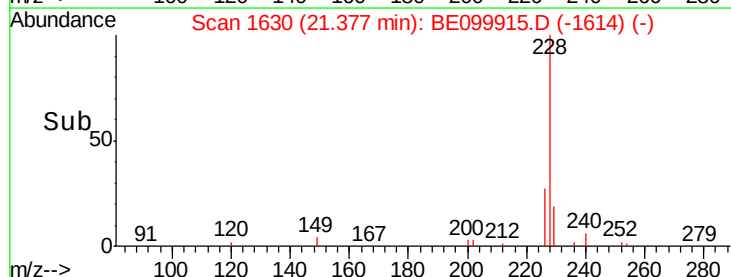
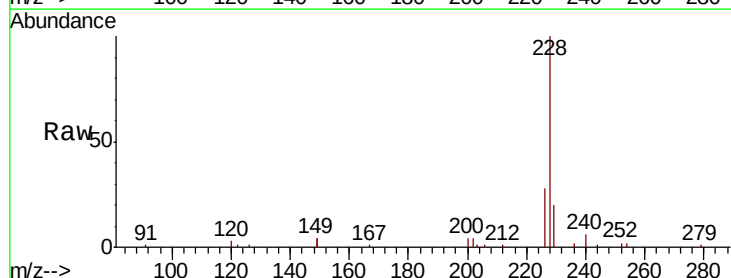
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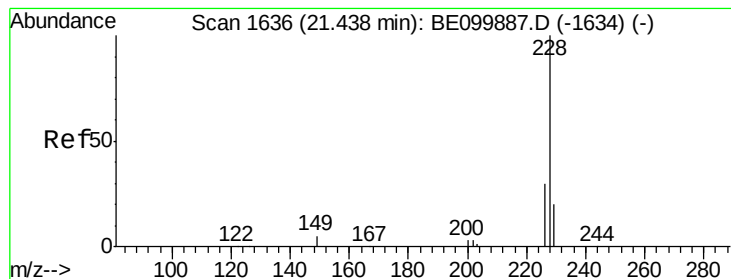
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.399 ng
 RT: 21.38 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099915.D
 Acq: 11 Jun 2019 9:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	19.8	15.9	23.9





#31

Chrysene

Concen: 0.389 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

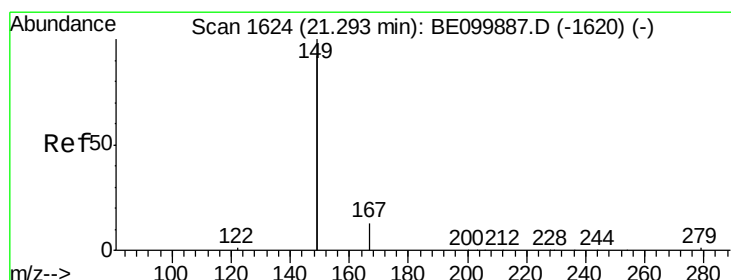
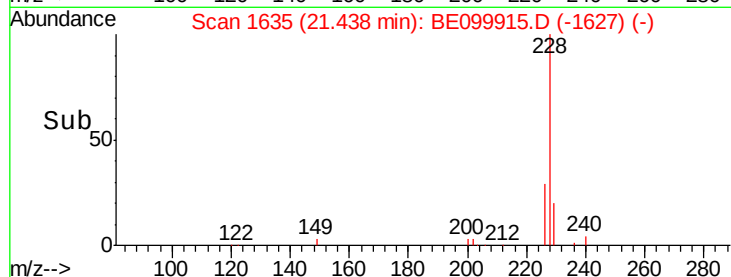
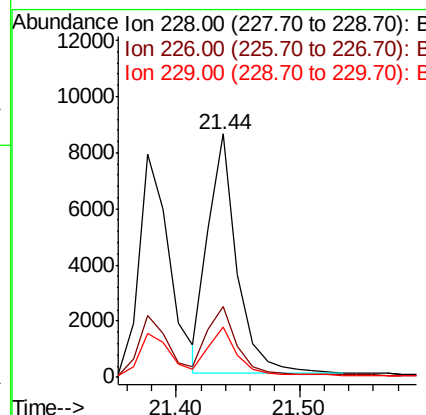
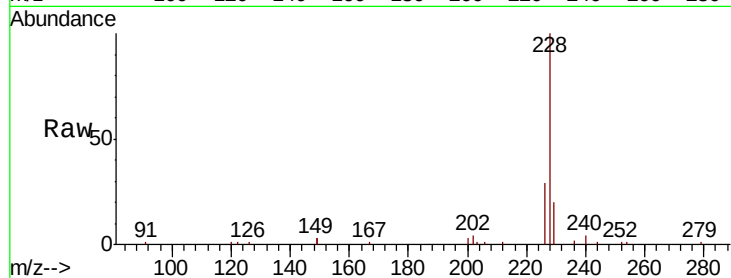
ClientSampleId :

PB120391BSD

Tot Ion:228	Resp:	13748
Ion Ratio	Lower	Upper
228 100		
226 29.1	24.1	36.1
229 20.4	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.344 ng

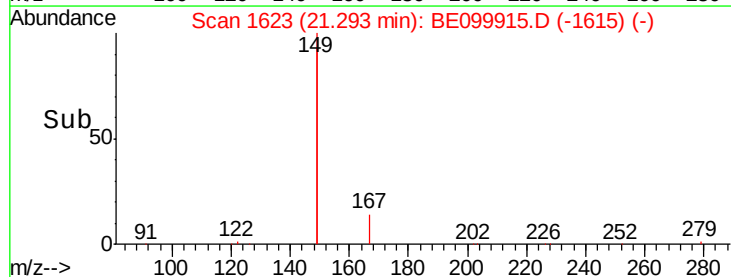
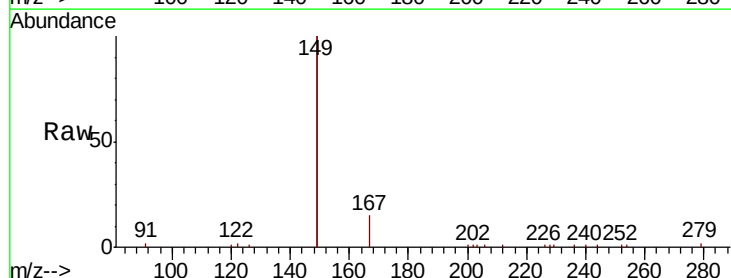
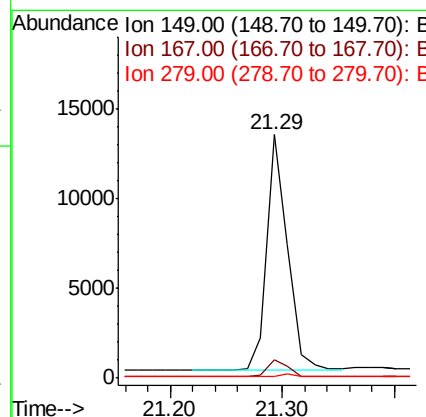
RT: 21.29 min Scan# 1623

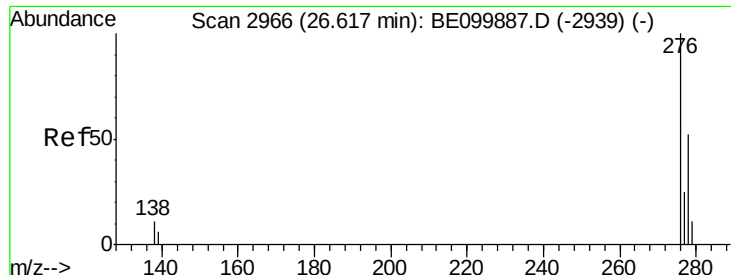
Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Tgt Ion:149	Resp:	16842
Ion Ratio	Lower	Upper
149 100		
167 7.6	5.9	8.9
279 1.2	1.2	1.8





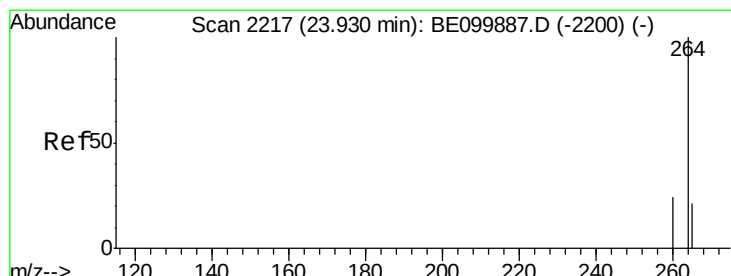
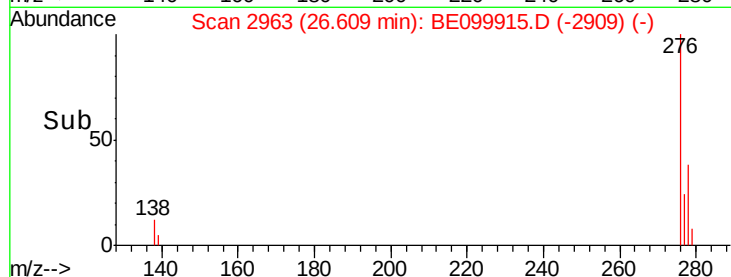
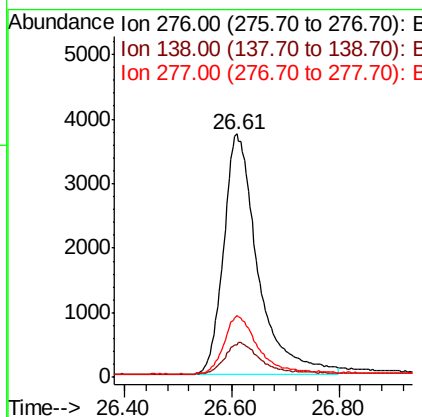
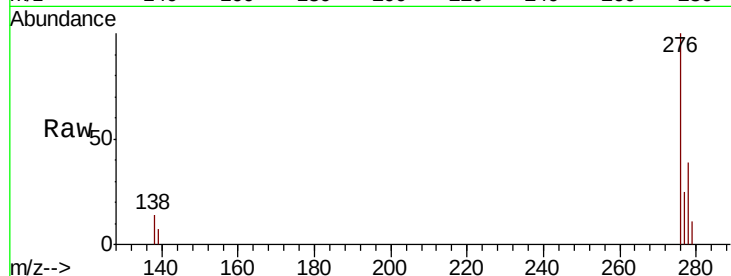
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.392 ng
 RT: 26.61 min Scan# 2963
 Delta R.T. -0.01 min
 Lab File: BE099915.D
 Acq: 11 Jun 2019 9:42

Instrument :
 BNA_E
 ClientSampleId :
 PB120391BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.2	10.1	15.1
277	23.8	19.1	28.7

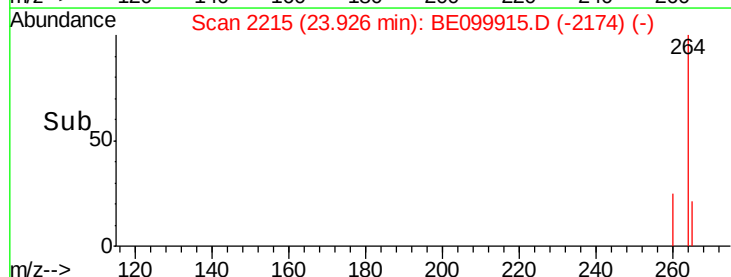
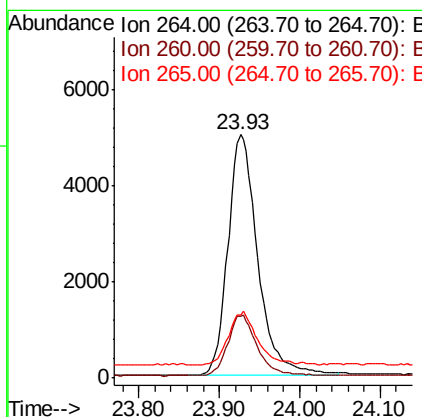
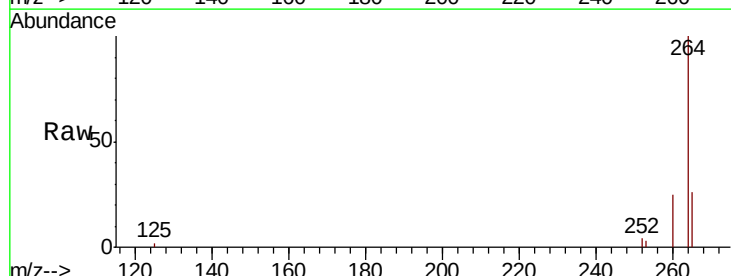
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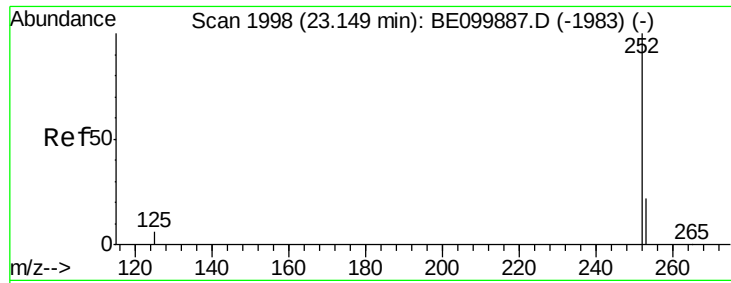
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BE099915.D
 Acq: 11 Jun 2019 9:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	25.8	22.0	33.0





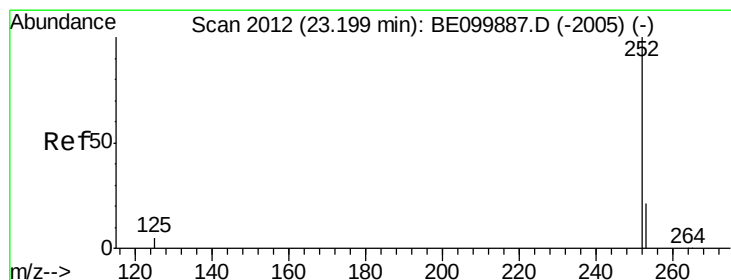
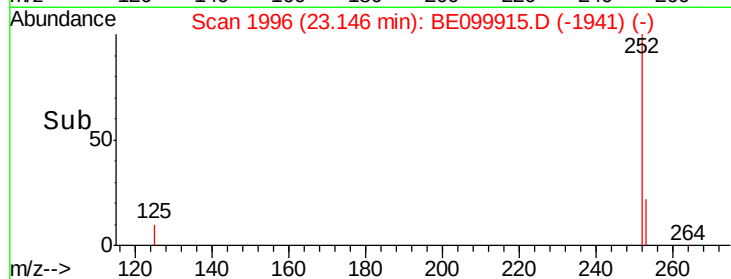
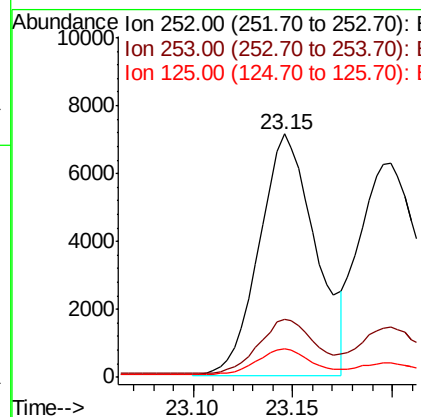
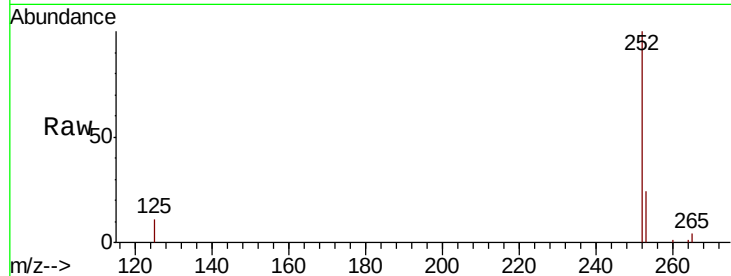
#35
Benzo(b)fluoranthene
Concen: 0.385 ng m
RT: 23.15 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Instrument :
BNA_E
ClientSampleId :
PB120391BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	11.5	5.7	8.5

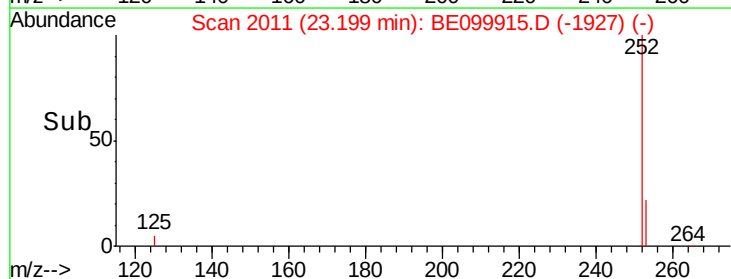
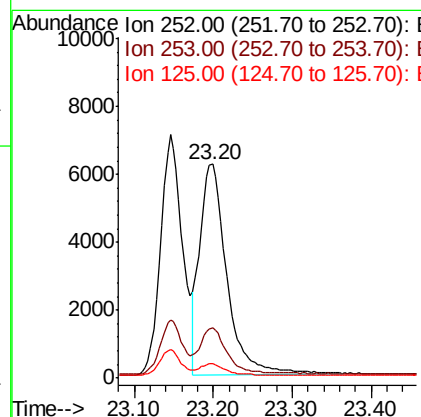
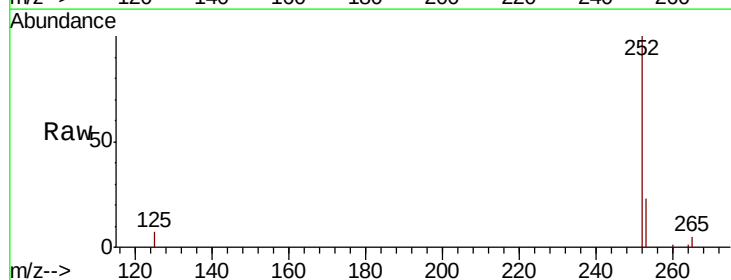
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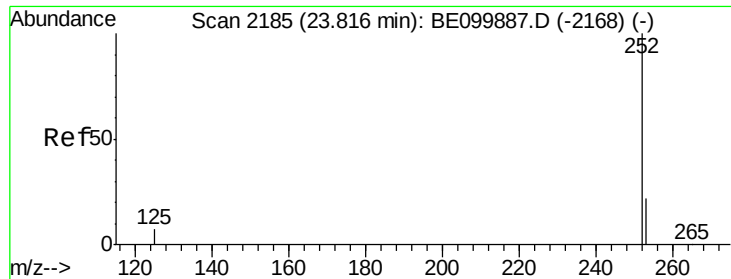
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#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	6.8	5.4	8.0





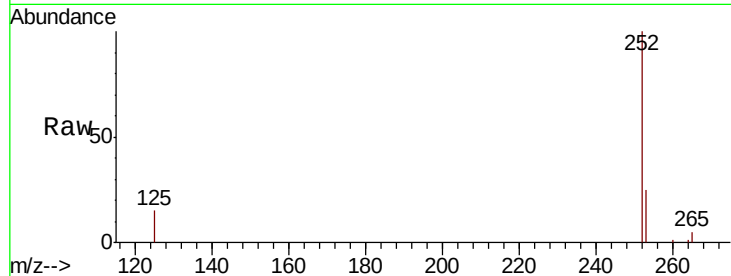
#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Instrument :
BNA_E
ClientSampleId :
PB120391BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.6	29.4
125	15.3	6.6	10.0

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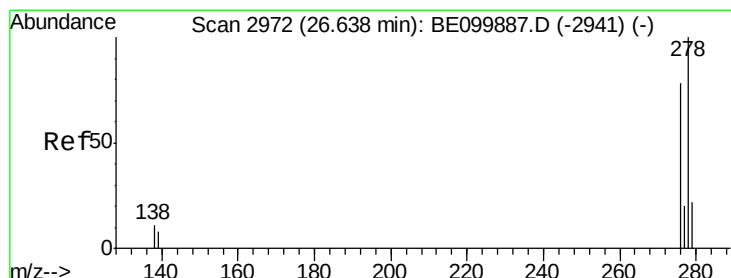
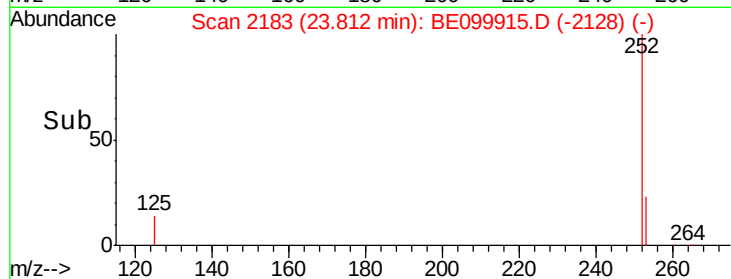
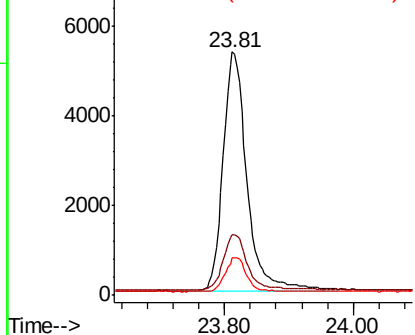


Abundance

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: 0.366 ng
RT: 26.64 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

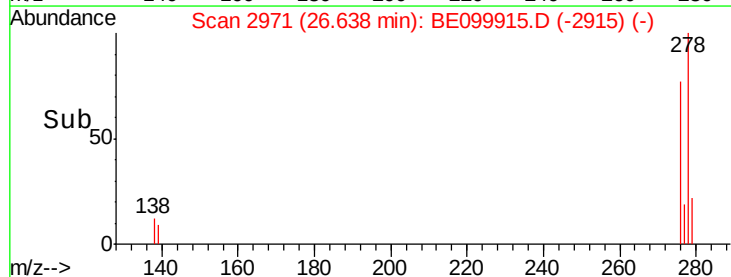
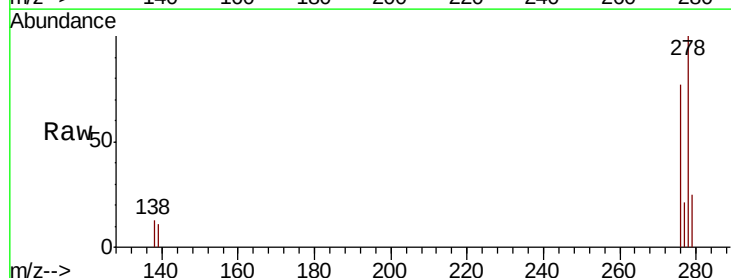
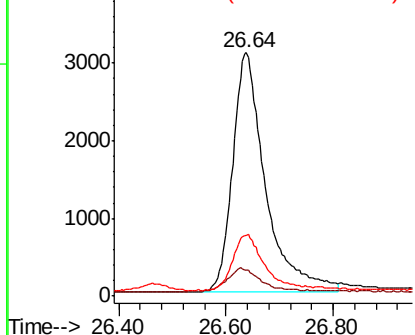
Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.8	7.8	11.8
279	25.1	20.0	30.0

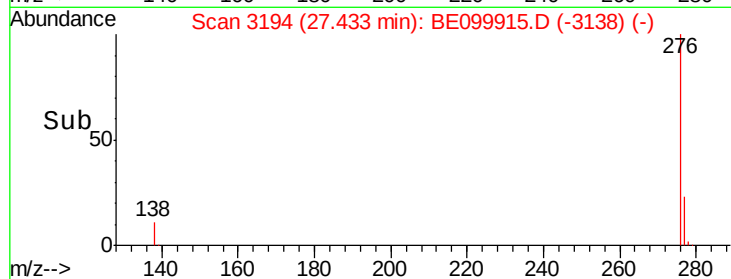
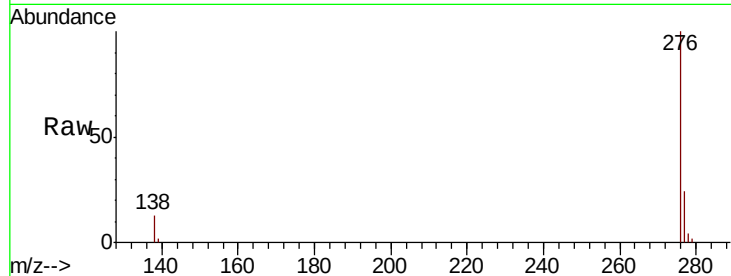
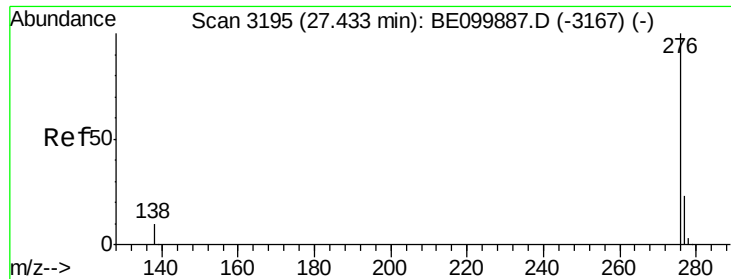
Abundance

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: 0.381 ng

RT: 27.43 min Scan# 3194

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

Tot Ion:	276	Resp:	14154
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.5	29.3
138	12.6	9.5	14.3

Manual Integrations
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