

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
 Data File : BE099953.D
 Acq On : 12 Jun 2019 13:10
 Operator : JU/SJ
 Sample : K3255-15MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190605MSD

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:44:50 AM

Quant Time: Jun 13 04:52:58 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	923	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3339	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2430	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6940	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9501	0.40	ng	-0.01
34) Perylene-d12	23.92	264	10600	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	351	0.14	ng	0.00
5) Phenol-d6	6.96	99	279	0.09	ng	0.00
8) Nitrobenzene-d5	8.97	82	1262	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2884	0.50	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	455	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3905	0.42	ng	-0.01
25) Fluoranthene-d10	19.25	212	35643	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	9529	0.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	2834	2.075	ng	91
3) n-Nitrosodimethylamine	3.61	42	90	0.114	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	1131	0.431	ng	75
9) Naphthalene	10.64	128	13893	0.385	ng	99
10) Hexachlorobutadiene	10.91	225	1039	0.378	ng	96
12) 2-Methylnaphthalene	12.28	142	2264	0.387	ng	96
16) Acenaphthylene	14.18	152	4438	0.367	ng	99
17) Acenaphthene	14.53	154	2454	0.373	ng	98
18) Fluorene	15.50	166	3584	0.363	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1693	0.431	ng	# 92
21) Hexachlorobenzene	16.52	284	1608	0.400	ng	97
22) Pentachlorophenol	16.88	266	1002	0.818	ng	84
23) Phenanthrene	17.25	178	6842	0.406	ng	100
24) Anthracene	17.35	178	6064	0.393	ng	99
26) Fluoranthene	19.28	202	10761	0.376	ng	99
28) Pyrene	19.64	202	12172	0.488	ng	99
30) Benzo(a)anthracene	21.38	228	11909	0.419	ng	99
31) Chrysene	21.44	228	12869	0.438	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	18156	0.446	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	13312	0.382	ng	98
35) Benzo(b)fluoranthene	23.14	252	11970m	0.403	ng	
36) Benzo(k)fluoranthene	23.20	252	12817	0.413	ng	100
37) Benzo(a)pyrene	23.81	252	12008	0.410	ng	# 97
38) Dibenzo(a,h)anthracene	26.64	278	10835	0.368	ng	97
39) Benzo(g,h,i)perylene	27.43	276	11871	0.390	ng	98

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

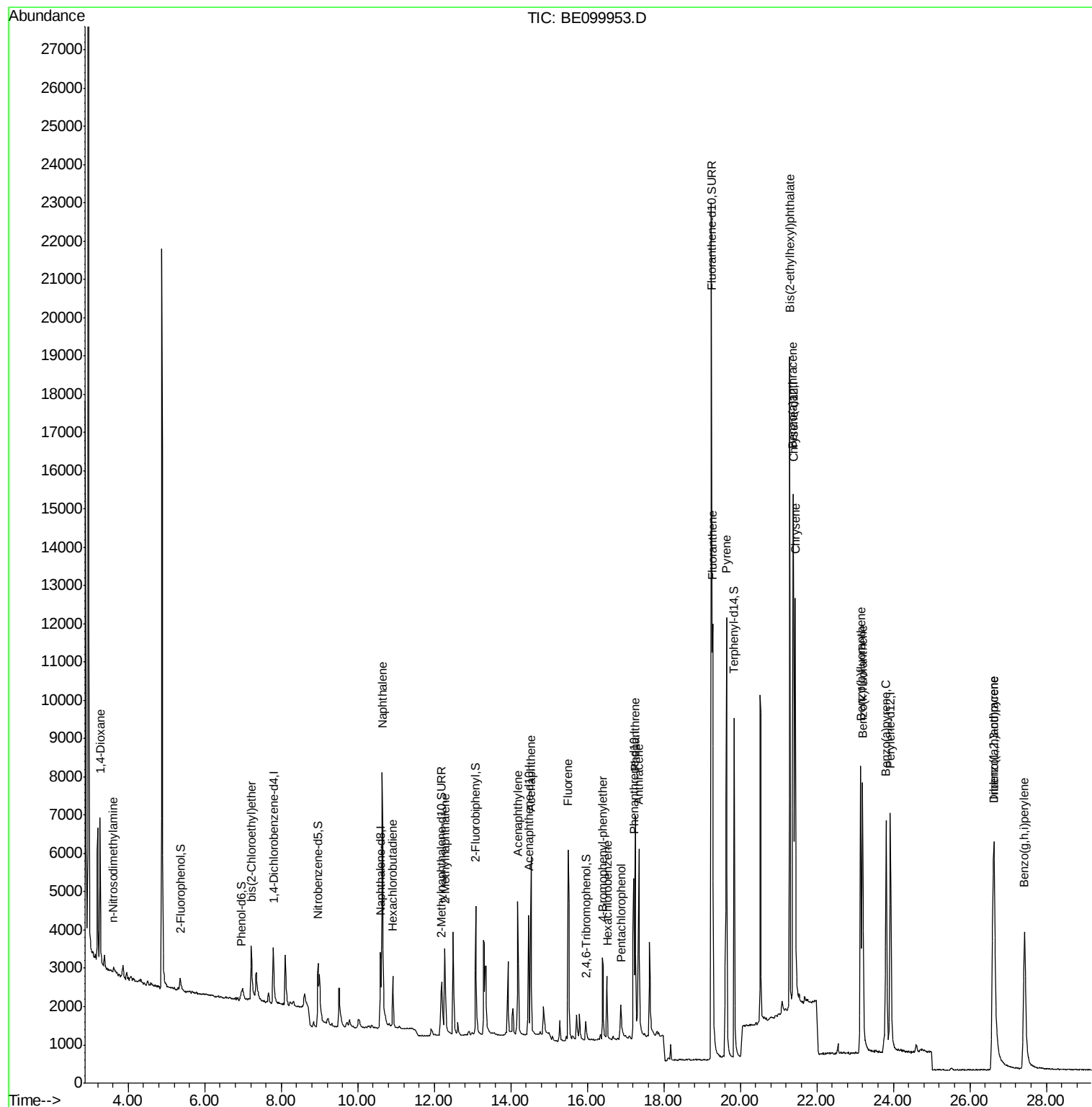
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
Data File : BE099953.D
Acq On : 12 Jun 2019 13:10
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Sample : K3255-15MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

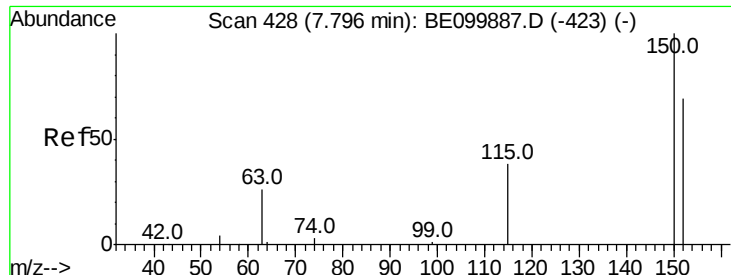
Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MSD

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Quant Time: Jun 13 04:52:58 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: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MSD

Tot Ion:152 Resp: 923

Ion Ratio Lower Upper

152 100

150 142.1 111.0 166.6

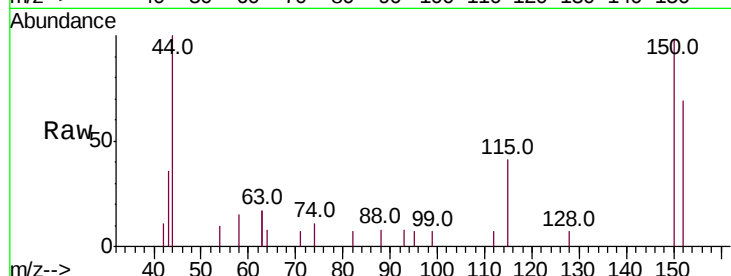
115 60.2 50.7 76.1

Manual Integrations

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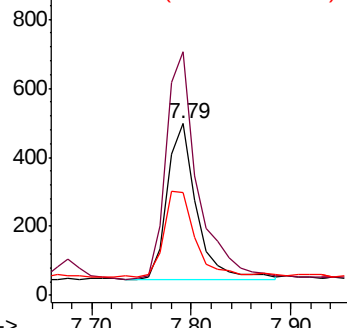
6/14/2019 8:44:50 AM



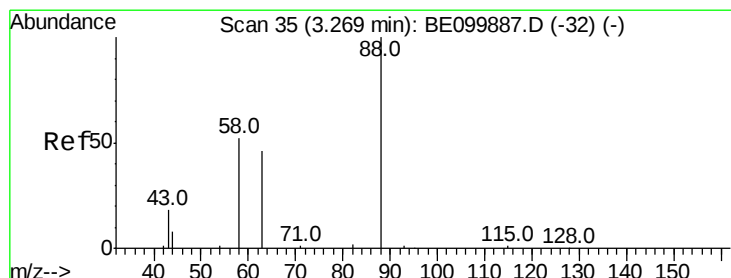
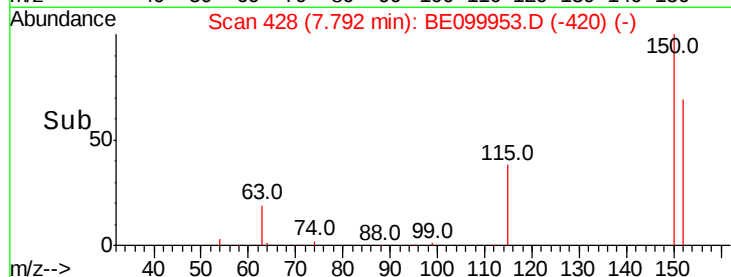
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 2.075 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

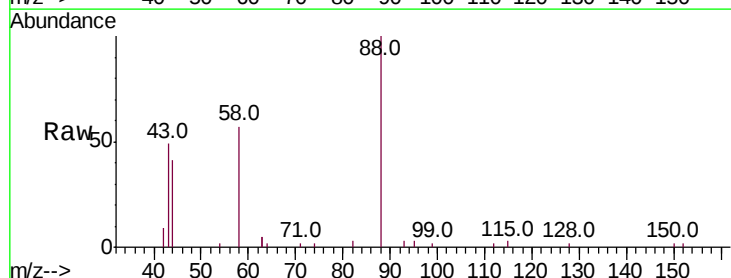
Tgt Ion: 88 Resp: 2834

Ion Ratio Lower Upper

88 100

58 53.4 48.8 73.2

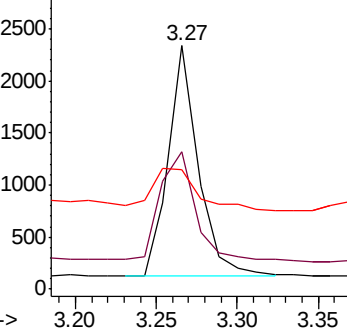
43 27.6 19.0 28.6



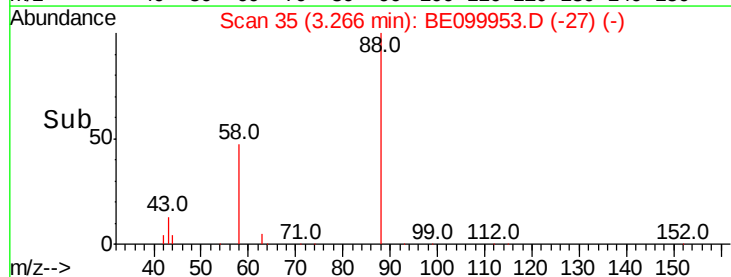
Abundance Ion 88.00 (87.70 to 88.70): BE0

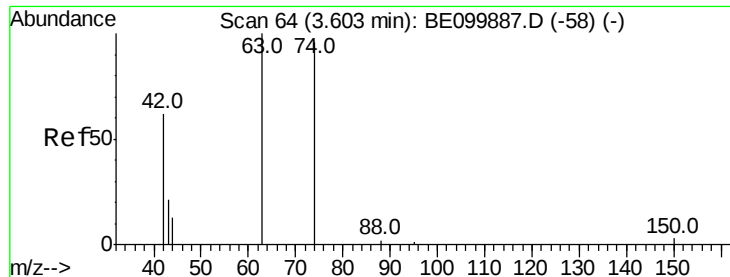
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

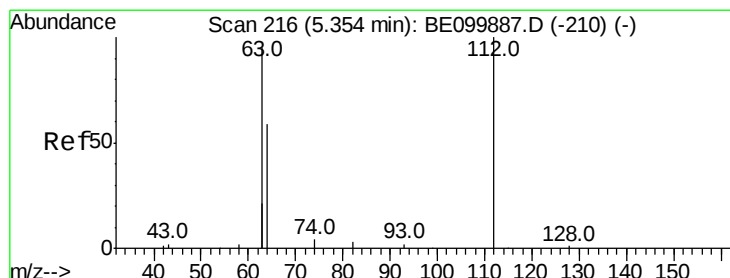
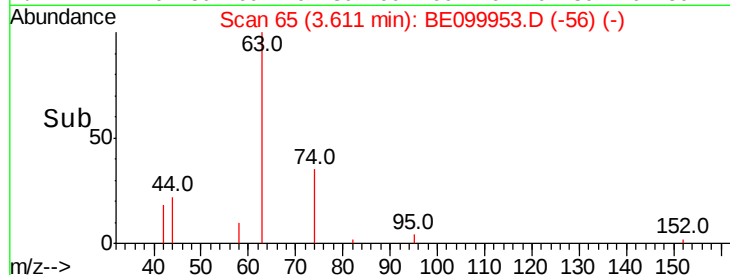
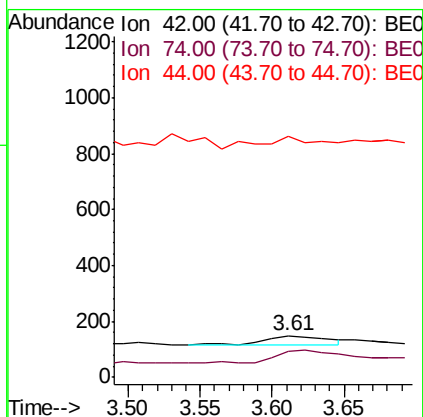
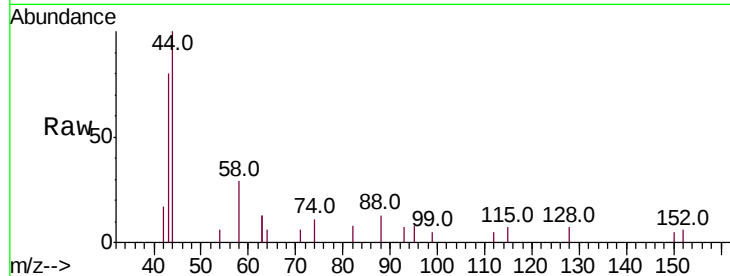
n-Nitrosodimethylamine
 Concen: 0.114 ng
 RT: 3.61 min Scan# 65
 Delta R.T. 0.01 min
 Lab File: BE099953.D
 Acq: 12 Jun 2019 13:10

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion	42	Resp:	90
Ion	Ratio	Lower	Upper
42	100		
74	158.9	0.0	0.0#
44	147.8	0.0	0.0#

Manual Integrations
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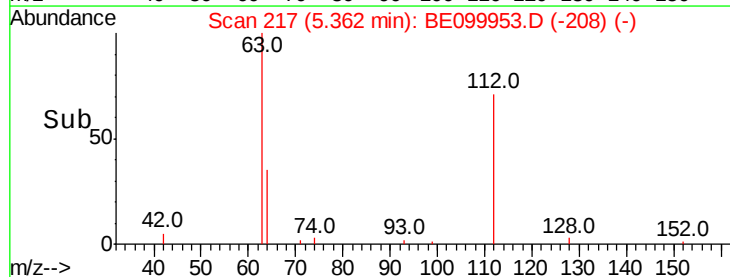
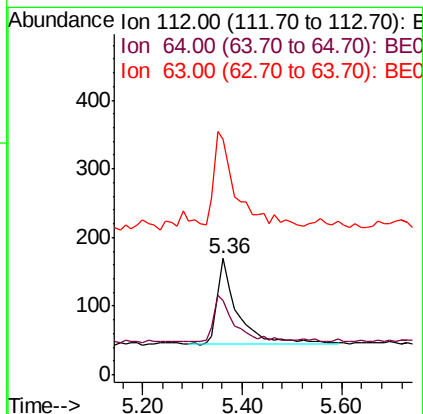
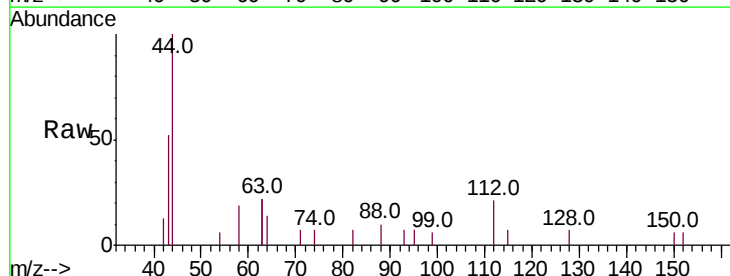
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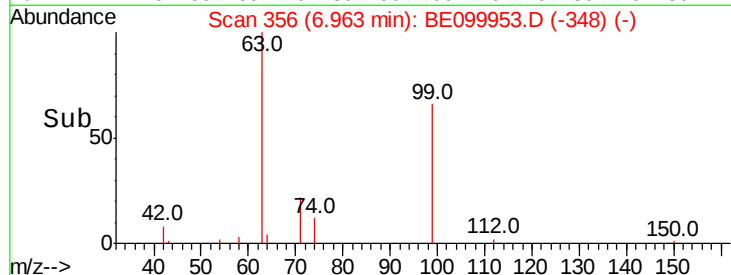
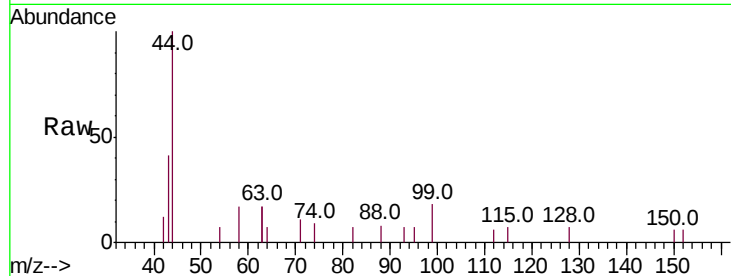
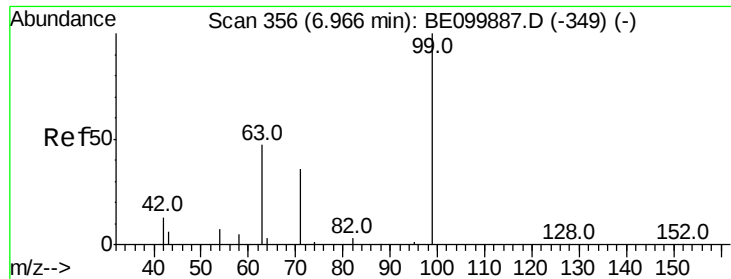


#4

2-Fluorophenol
 Concen: 0.141 ng
 RT: 5.36 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BE099953.D
 Acq: 12 Jun 2019 13:10

Tgt Ion	112	Resp:	351
Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.1	66.1
63	105.4	87.8	131.6





#5

Phenol-d6

Concen: 0.087 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Tot Ion:	99	Resp:	279
Ion	Ratio	Lower	Upper
99	100		
42	24.4	15.9	23.9#
71	43.7	34.6	52.0

Instrument :

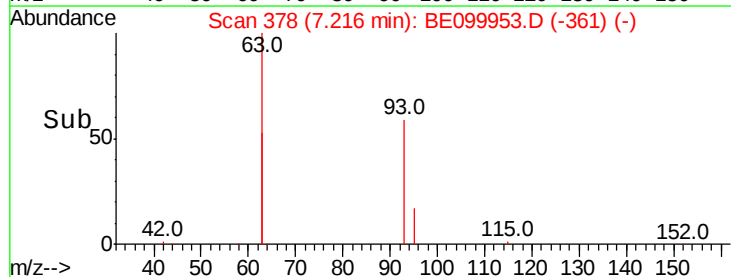
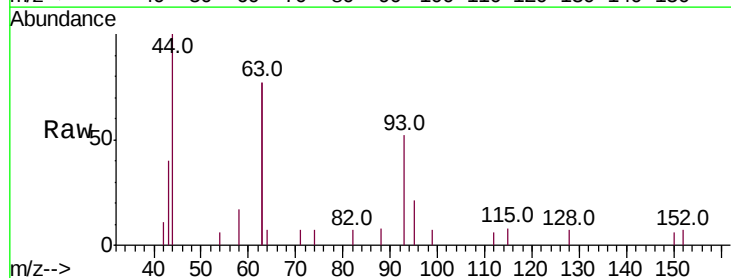
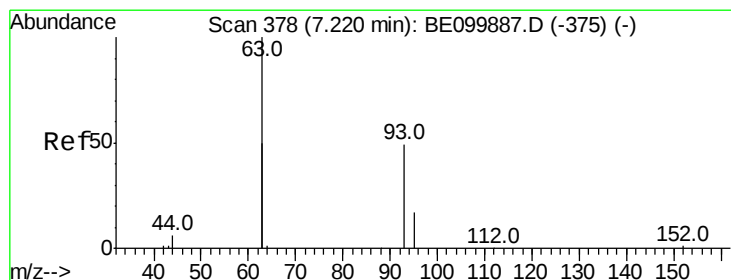
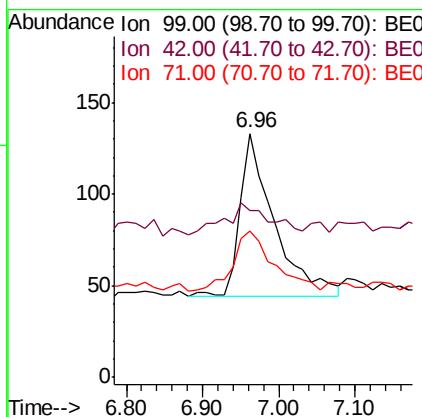
BNA_E

ClientSampleId :

RE123D1-20190605MSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.431 ng

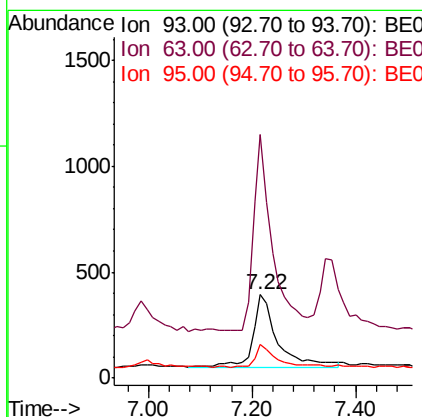
RT: 7.22 min Scan# 378

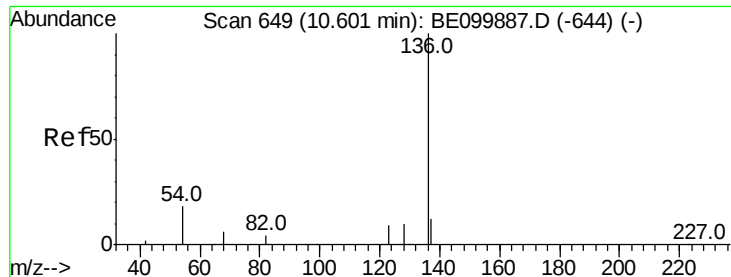
Delta R.T. -0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Tgt Ion:	93	Resp:	1131
Ion	Ratio	Lower	Upper
93	100		
63	206.6	202.8	304.2
95	26.1	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

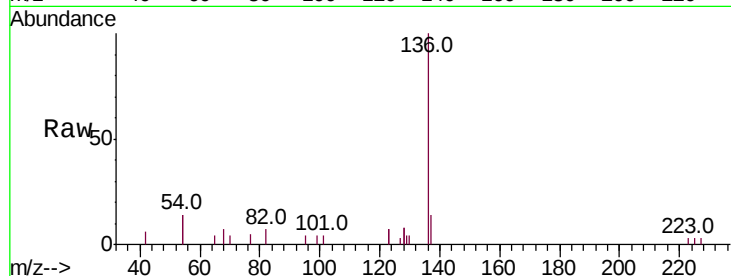
ClientSampleId :

RE123D1-20190605MSD

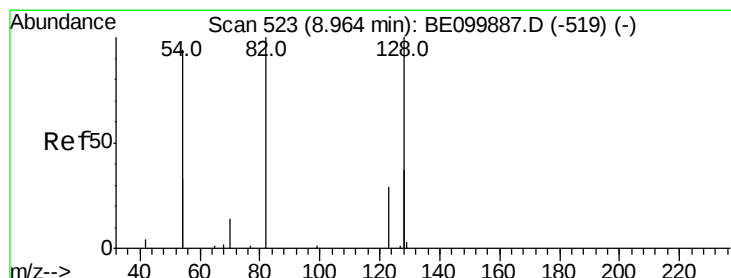
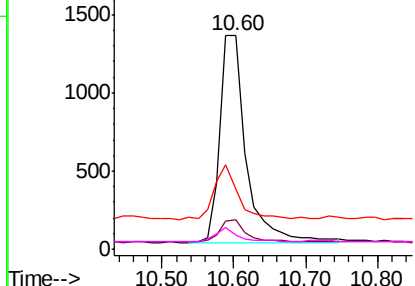
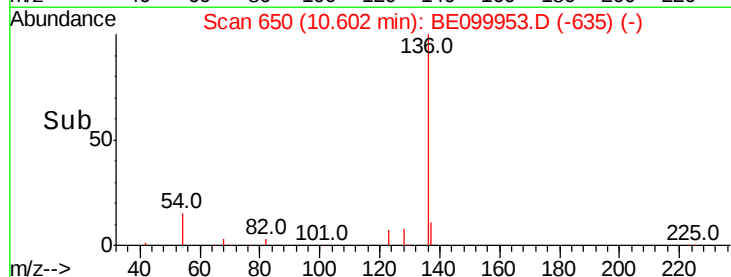
Tot Ion	Ratio	Lower	Upper
136	100		
137	14.0	12.3	18.5
54	28.3	28.2	42.4
68	6.9	7.8	11.8#

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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: 0.399 ng

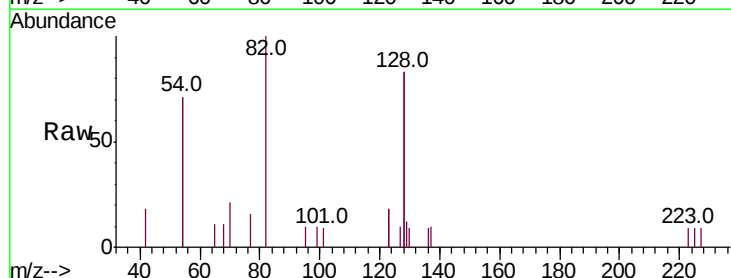
RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

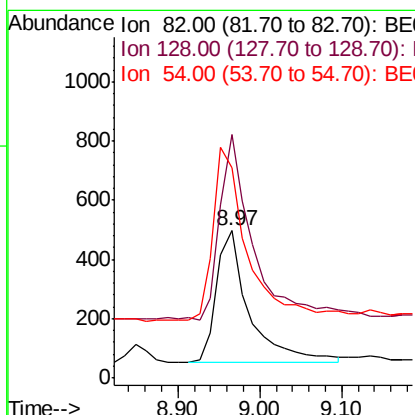
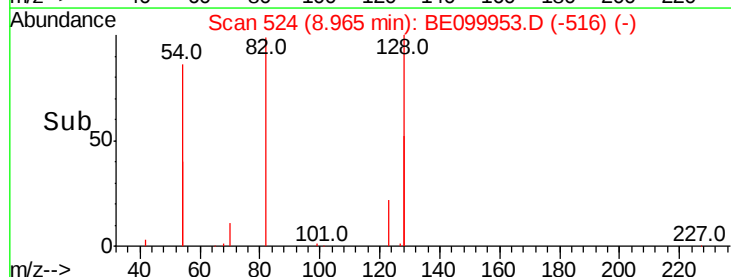
Lab File: BE099953.D

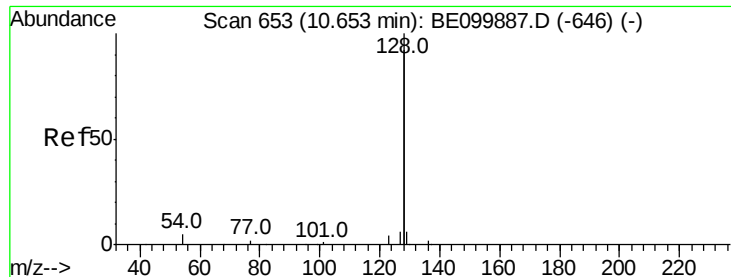
Acq: 12 Jun 2019 13:10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	165.1	137.3	205.9
54	142.6	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: 0.385 ng

RT: 10.64 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

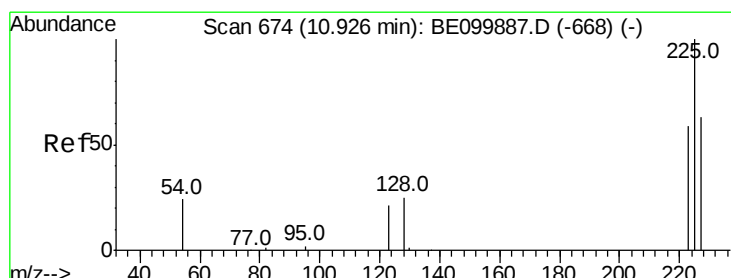
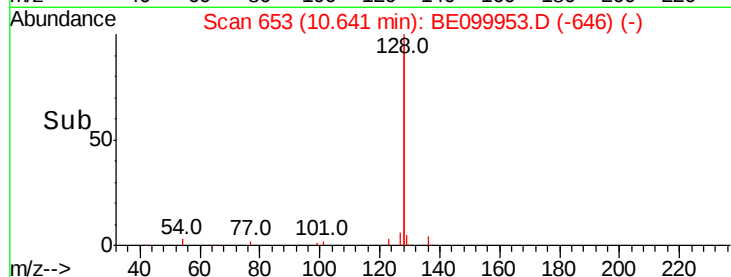
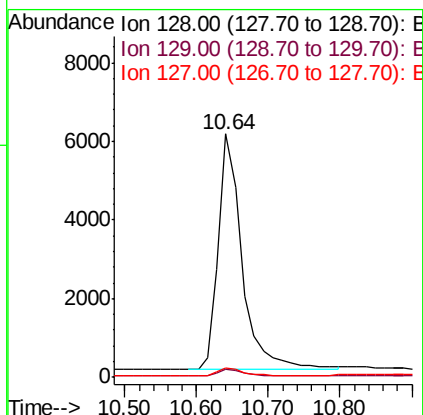
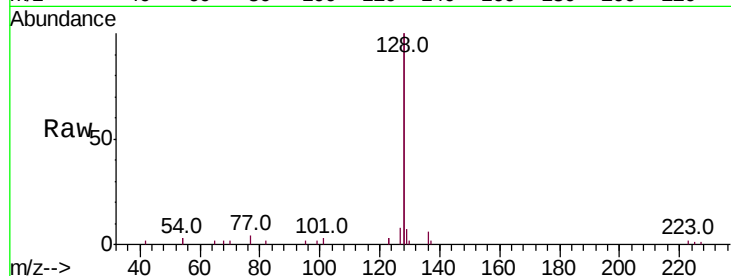
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:128	Resp:	13893
Ion Ratio	Lower	Upper
128 100		
129 3.3	3.0	4.6
127 3.9	3.4	5.0

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#10

Hexachlorobutadiene

Concen: 0.378 ng

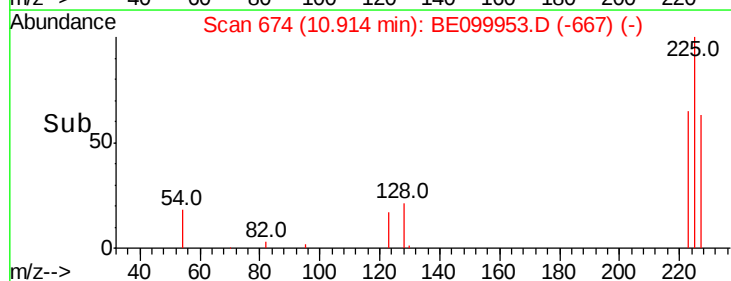
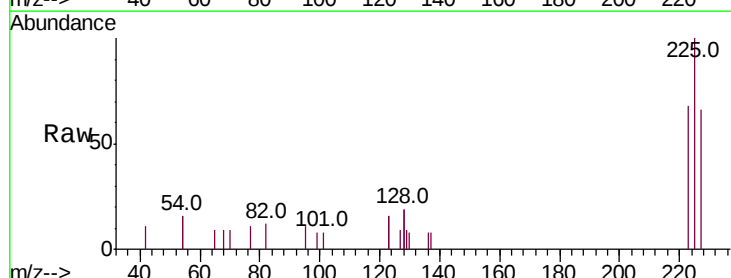
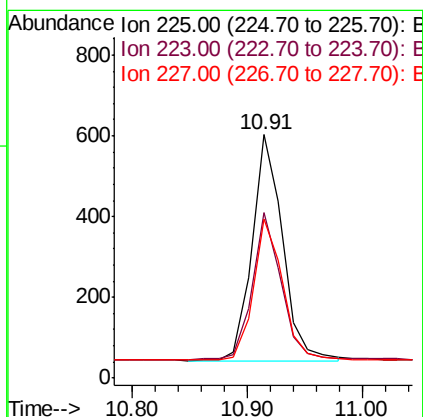
RT: 10.91 min Scan# 674

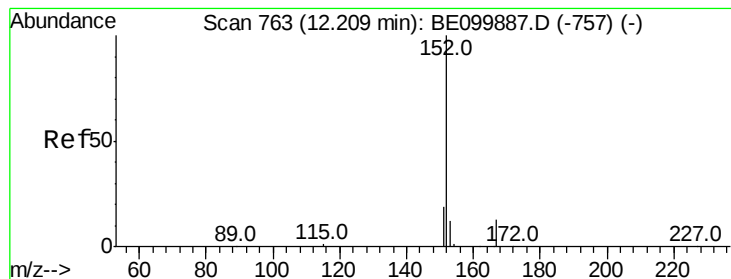
Delta R.T. -0.01 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Tgt Ion:225	Resp:	1039
Ion Ratio	Lower	Upper
225 100		
223 60.9	51.6	77.4
227 60.3	50.6	76.0





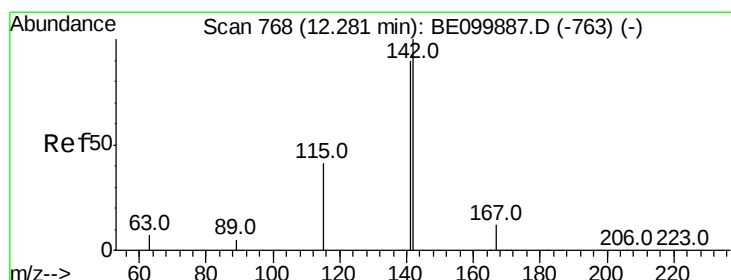
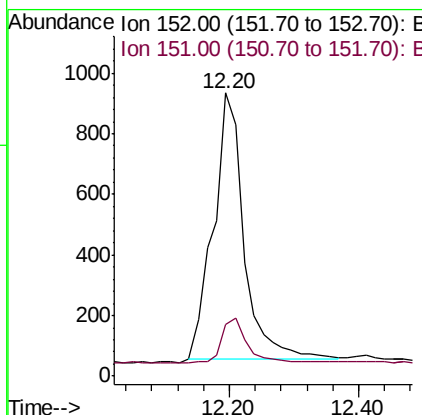
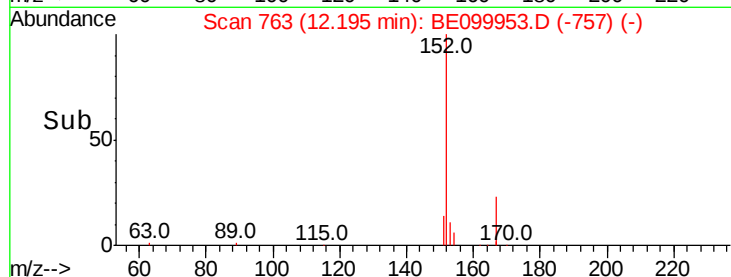
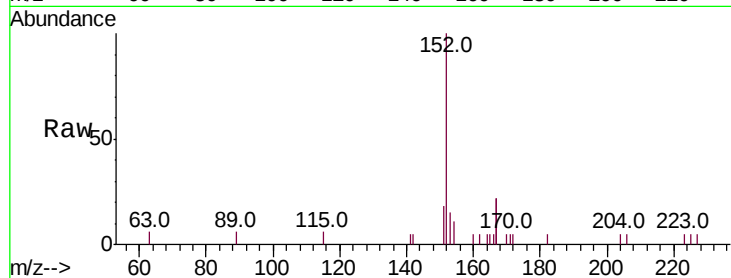
#11
2-Methylnaphthalene-d10
Concen: 0.495 ng
RT: 12.20 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	13.8	15.2	22.8#

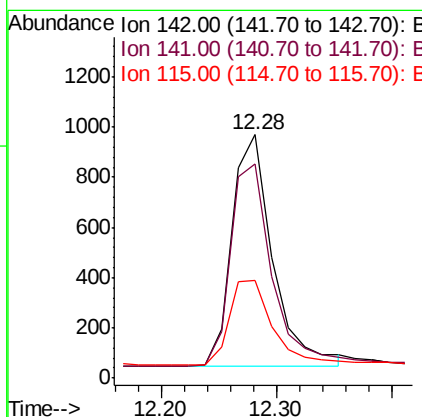
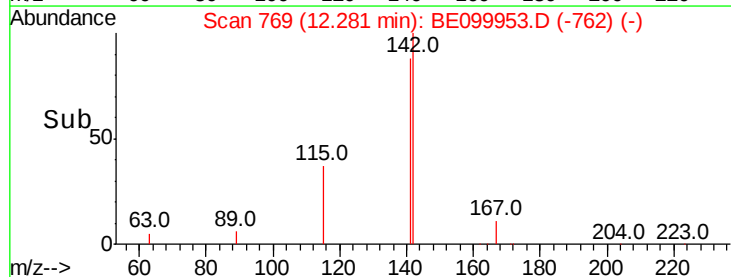
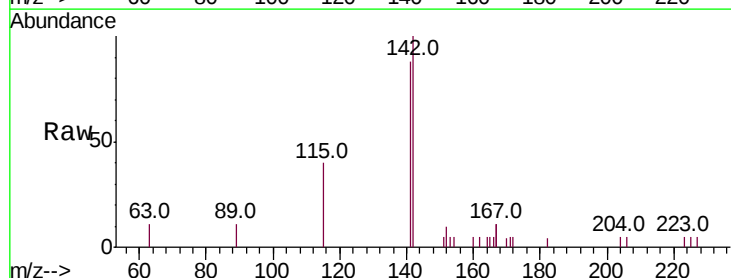
Manual Integrations
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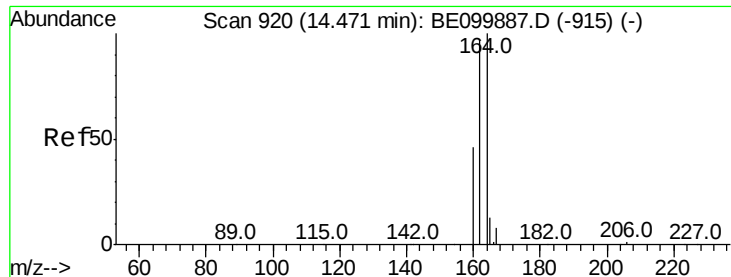
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#12
2-Methylnaphthalene
Concen: 0.387 ng
RT: 12.28 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.3	108.5
115	40.3	36.4	54.6





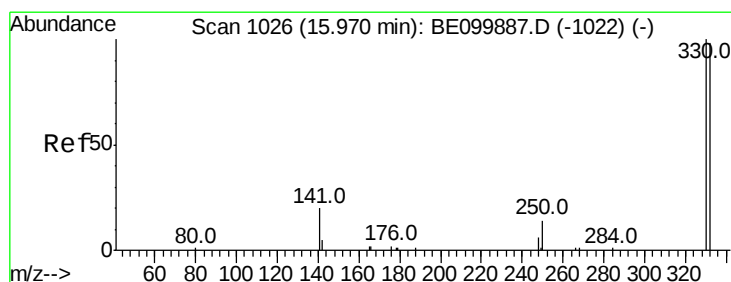
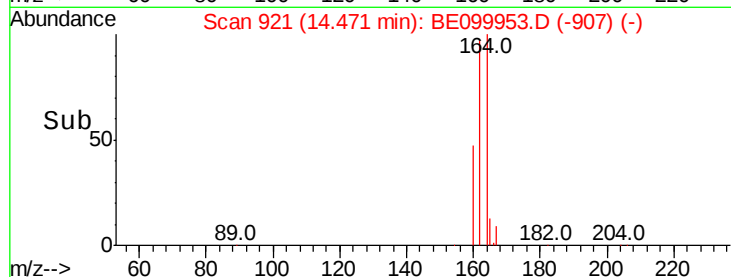
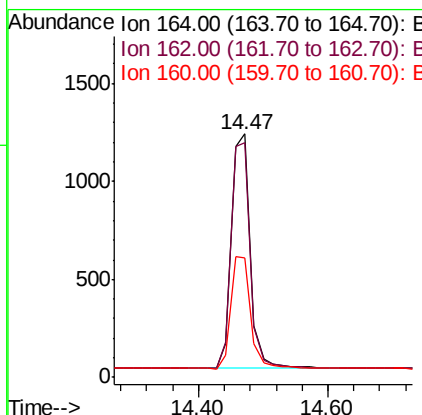
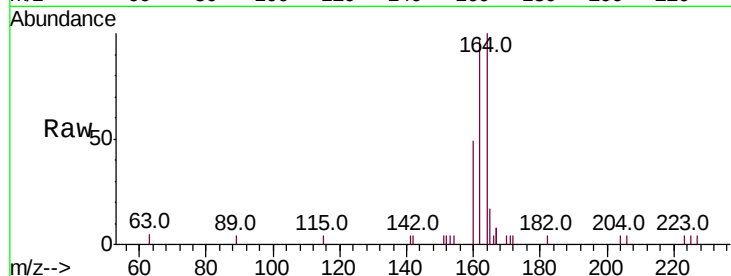
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.5	77.8	116.8
160	48.8	38.2	57.4

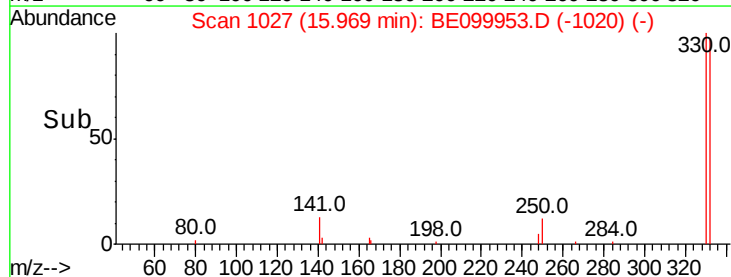
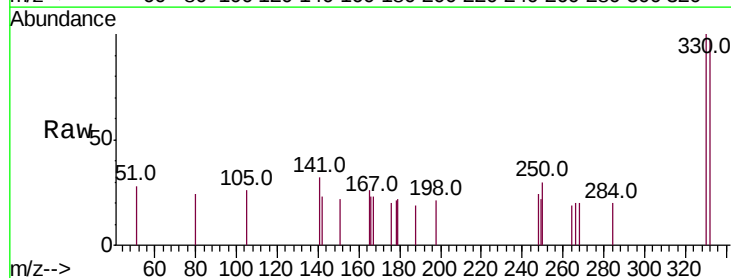
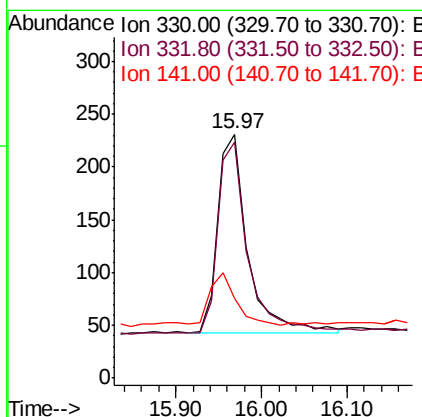
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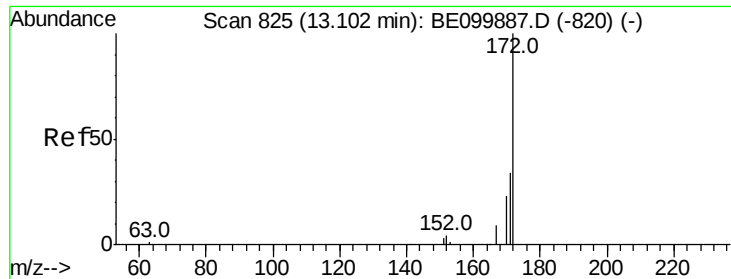
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.97 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	22.9	21.0	31.6





#15

2-Fluorobiphenyl

Concen: 0.424 ng

RT: 13.09 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

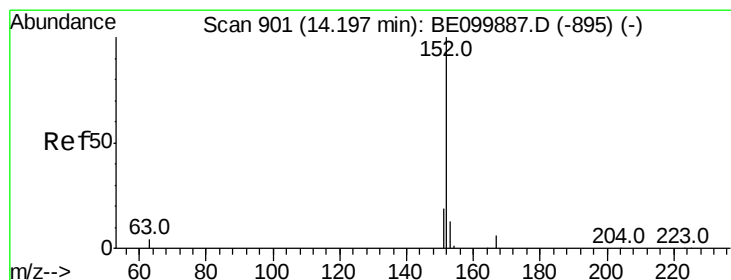
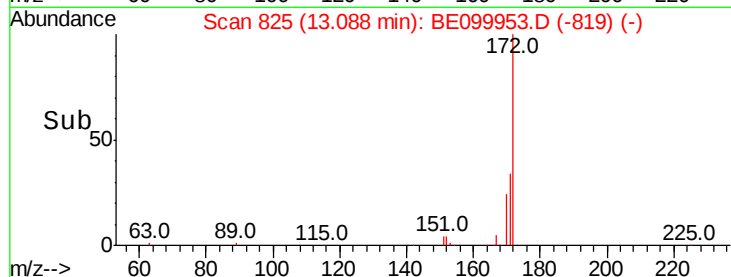
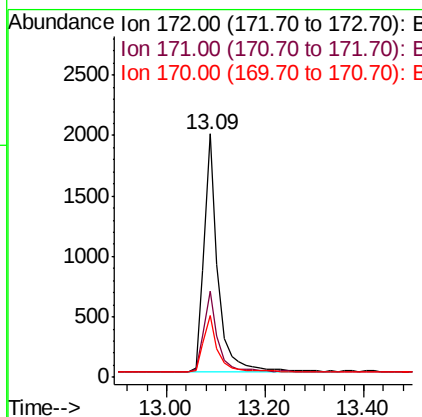
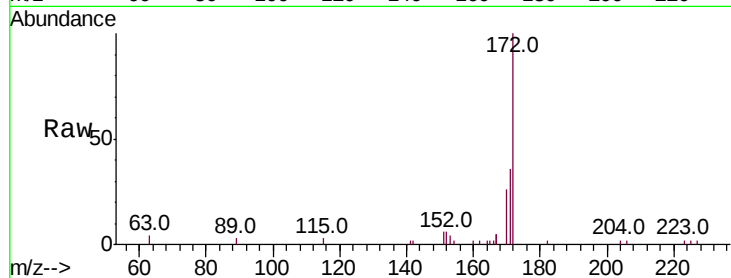
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	172	Resp:	3905
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.2	43.8
170	25.6	21.2	31.8

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#16

Acenaphthylene

Concen: 0.367 ng

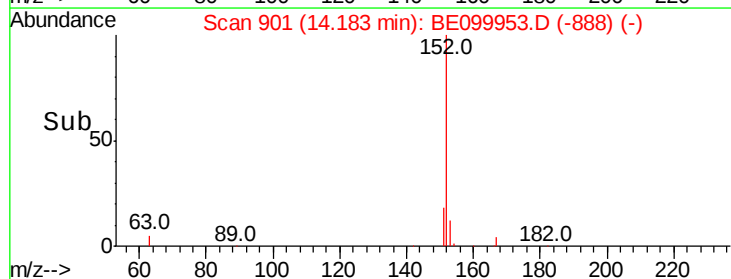
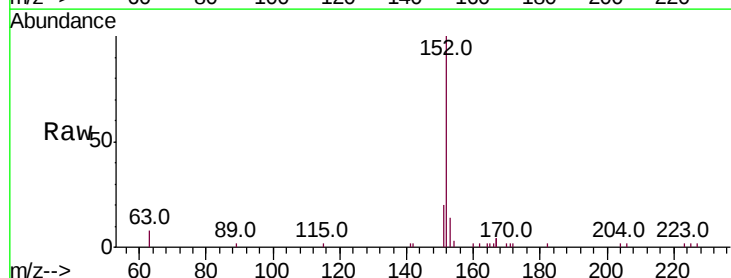
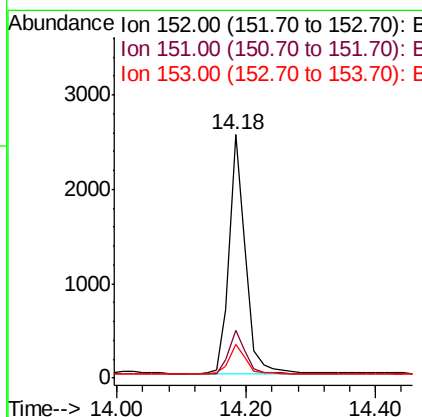
RT: 14.18 min Scan# 901

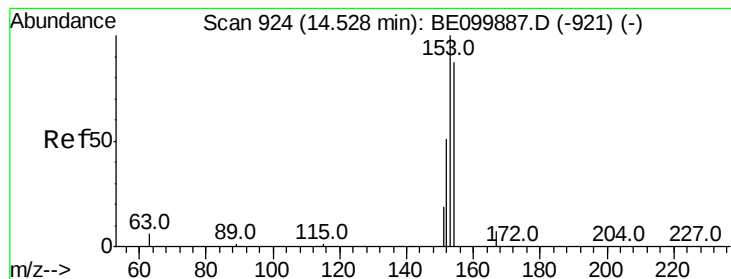
Delta R.T. -0.01 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Tgt Ion:	152	Resp:	4438
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.5	23.3
153	12.3	10.2	15.2





#17

Acenaphthene

Concen: 0.373 ng

RT: 14.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

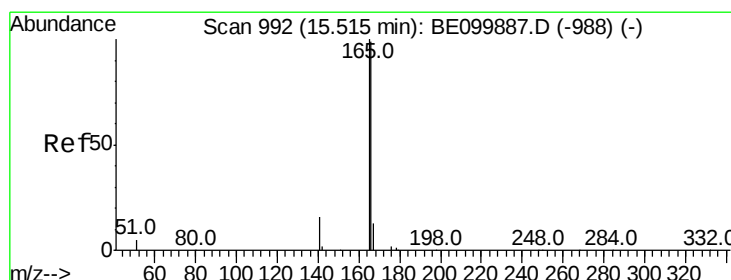
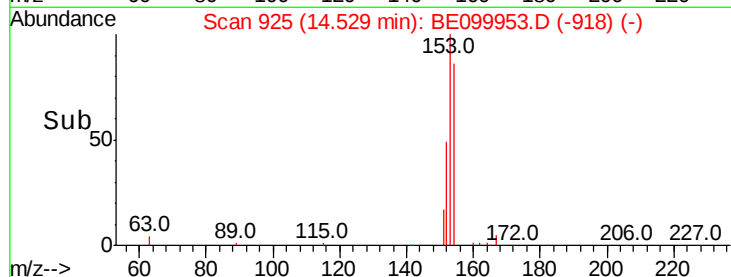
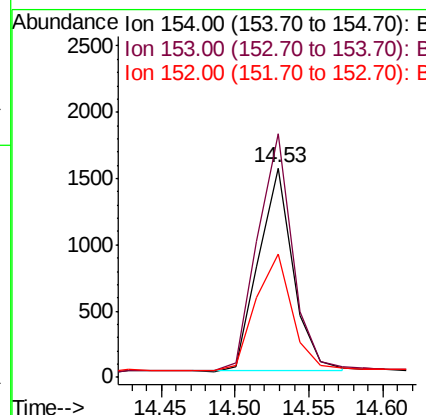
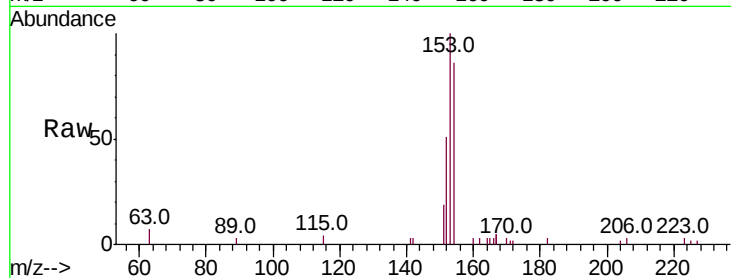
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	154	Resp:	2454
Ion Ratio	Lower	Upper	
154	100		
153	118.5	93.1	139.7
152	61.5	47.0	70.4

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#18

Fluorene

Concen: 0.363 ng

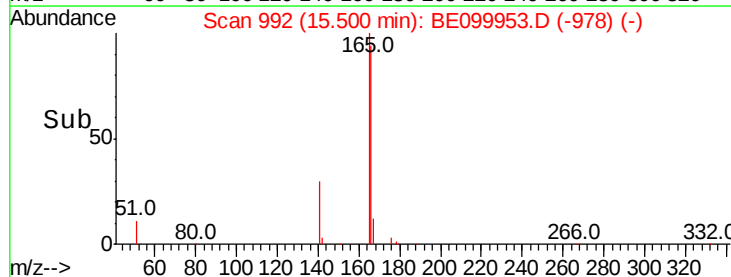
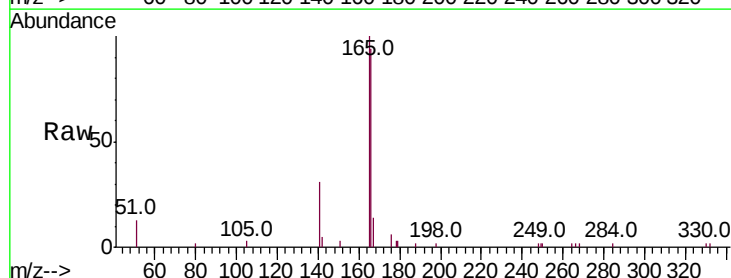
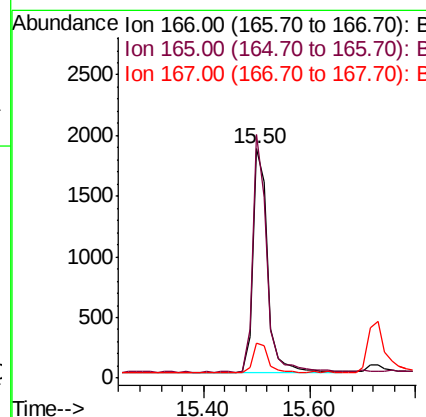
RT: 15.50 min Scan# 992

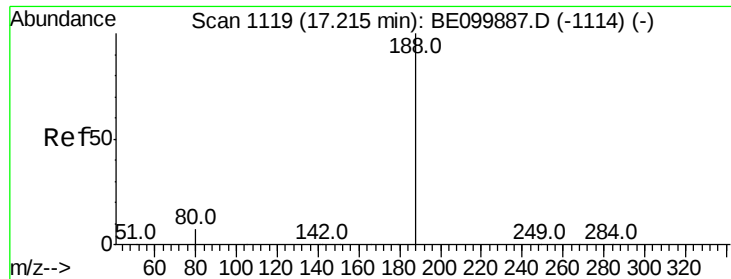
Delta R.T. -0.01 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Tgt Ion:	166	Resp:	3584
Ion Ratio	Lower	Upper	
166	100		
165	101.3	81.8	122.8
167	13.6	11.2	16.8





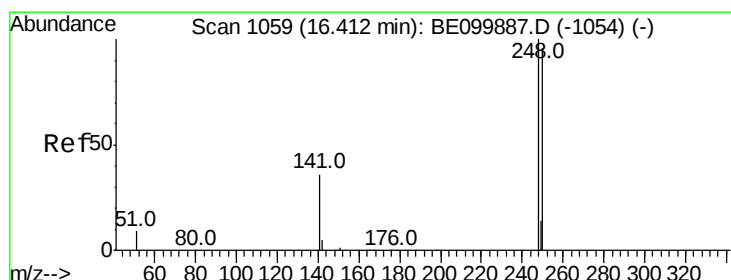
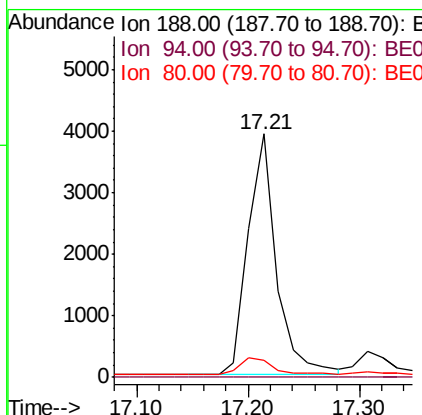
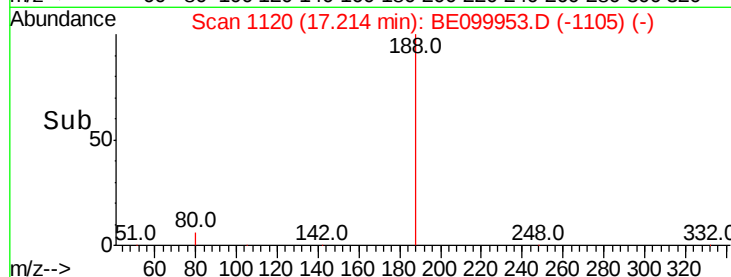
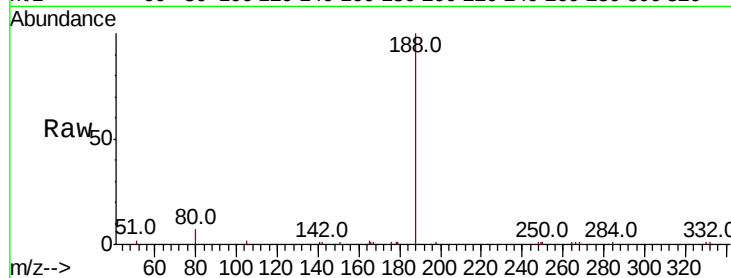
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	0.0	0.0	
80	7.1	6.4	9.6	

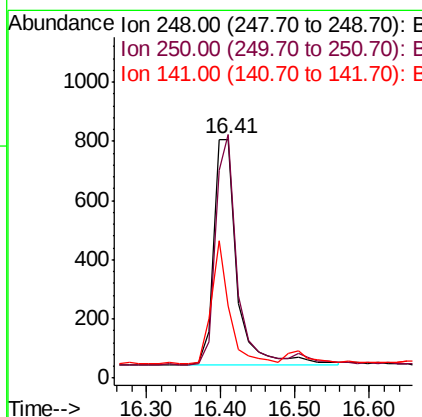
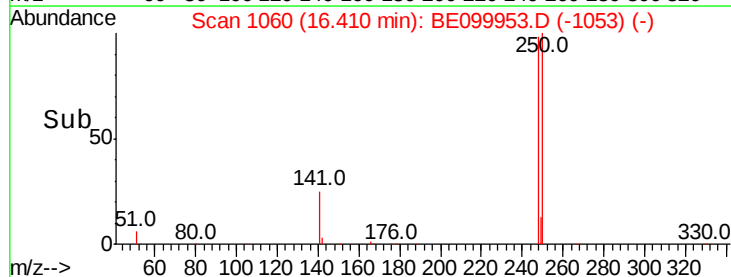
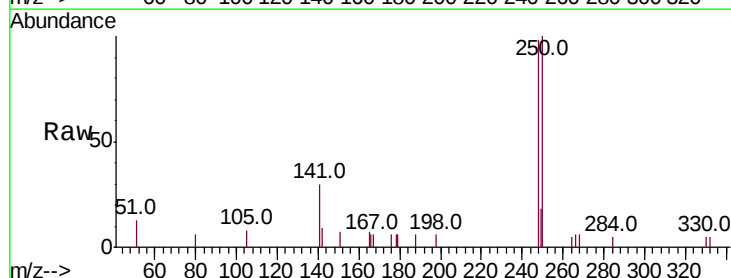
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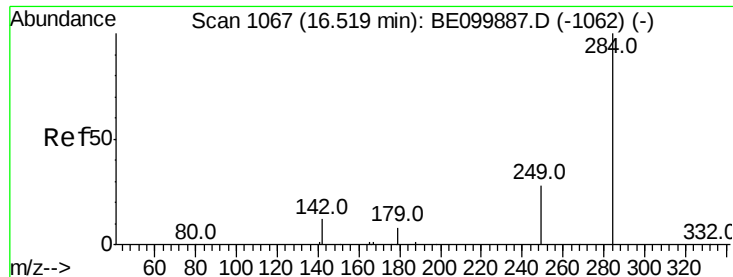
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#20
4-Bromophenyl-phenylether
Concen: 0.431 ng
RT: 16.41 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	101.9	77.5	116.3	
141	30.3	31.8	47.8#	





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

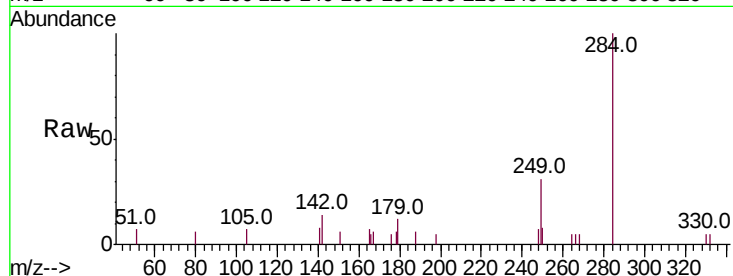
ClientSampleId :

RE123D1-20190605MSD

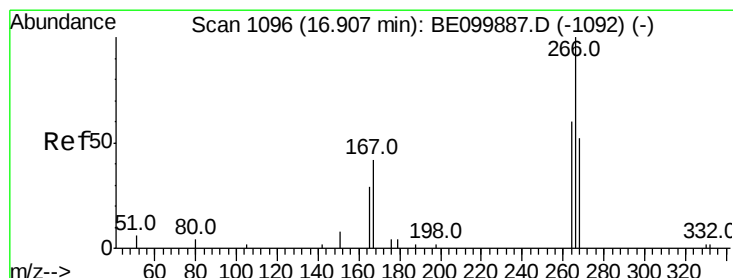
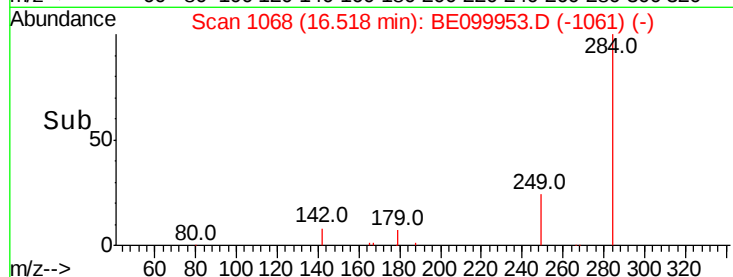
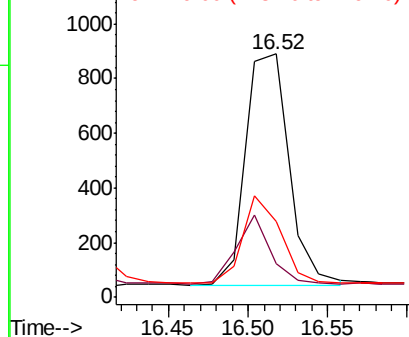
Tot Ion:	284	Resp:	1608
Ion Ratio	Lower	Upper	
284	100		
142	23.4	18.2	27.4
249	33.1	24.6	37.0

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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: 0.818 ng

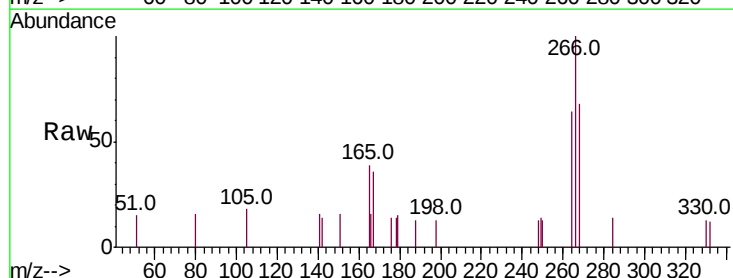
RT: 16.88 min Scan# 1095

Delta R.T. -0.03 min

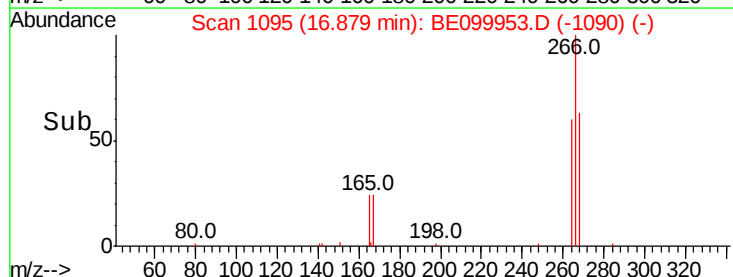
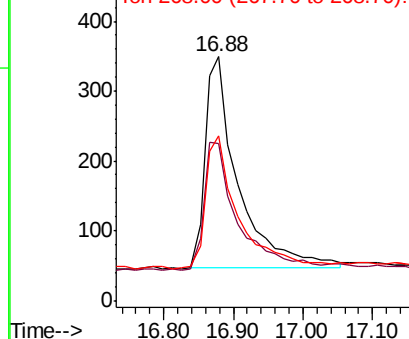
Lab File: BE099953.D

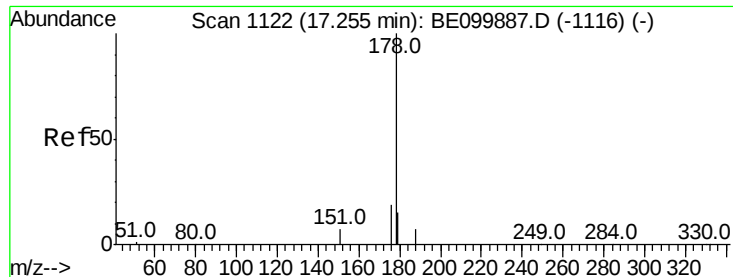
Acq: 12 Jun 2019 13:10

Tgt Ion:	266	Resp:	1002
Ion Ratio	Lower	Upper	
266	100		
264	64.5	62.2	93.2
268	67.6	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: 0.406 ng

RT: 17.25 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

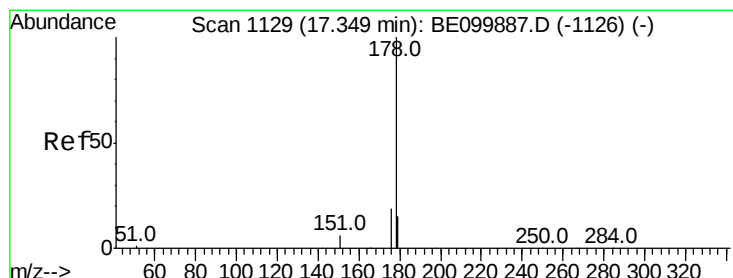
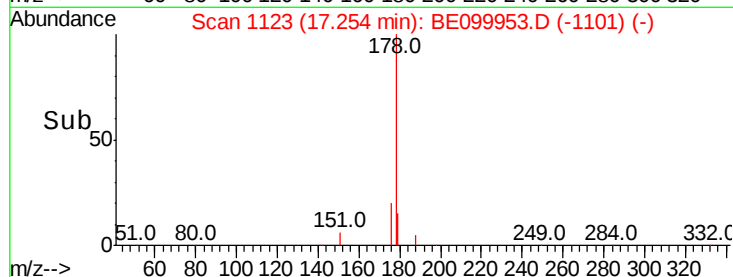
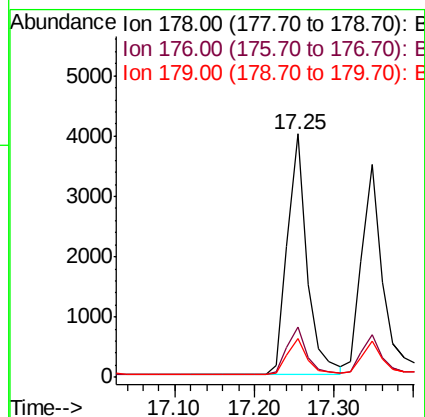
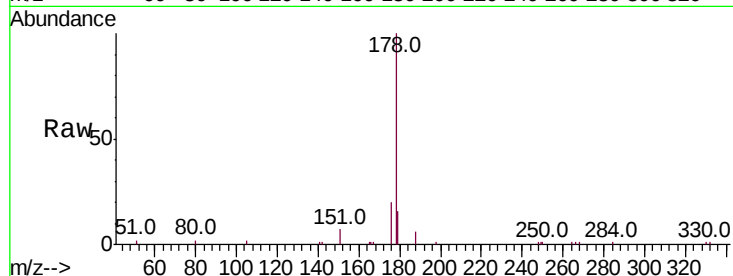
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:178	Resp:	6842
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.8 23.8
179	15.4	12.4 18.6

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#24

Anthracene

Concen: 0.393 ng

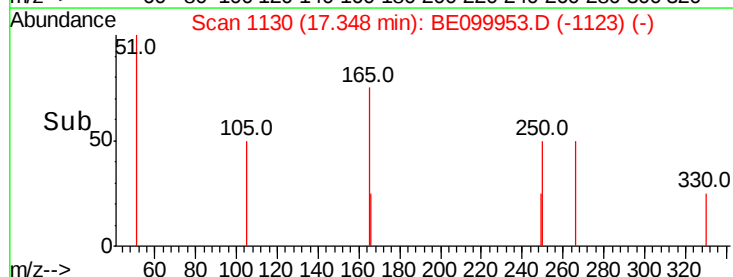
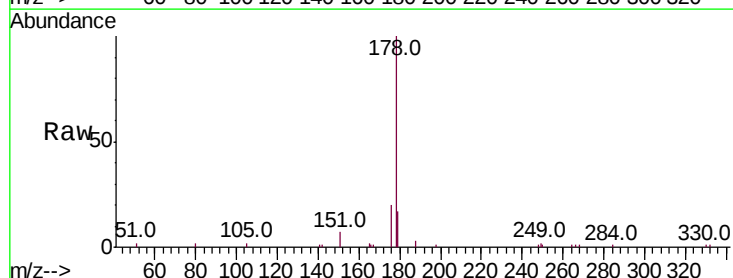
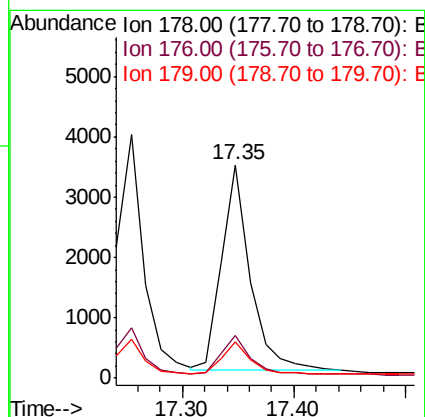
RT: 17.35 min Scan# 1130

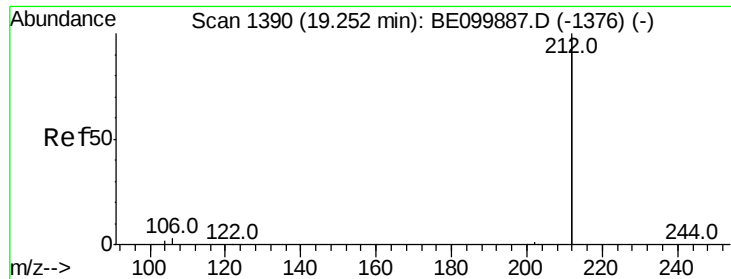
Delta R.T. -0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Tgt Ion:178	Resp:	6064
Ion Ratio	Lower	Upper
178	100	
176	19.0	14.6 22.0
179	15.4	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

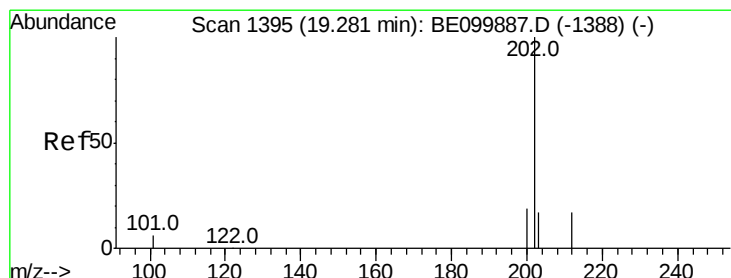
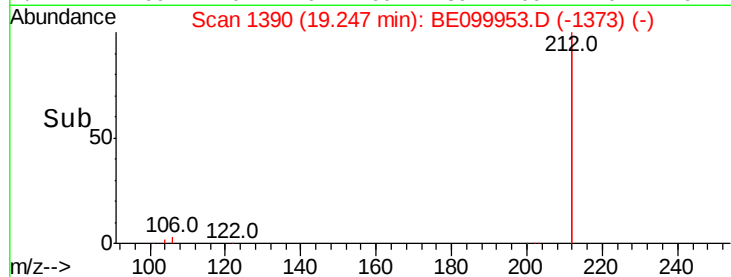
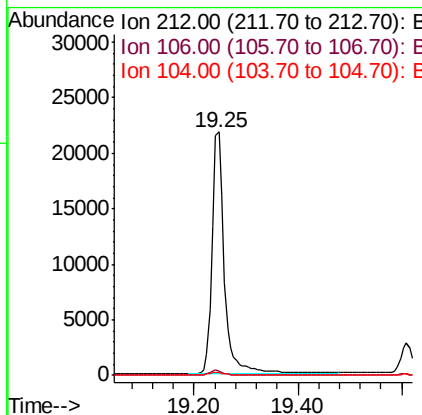
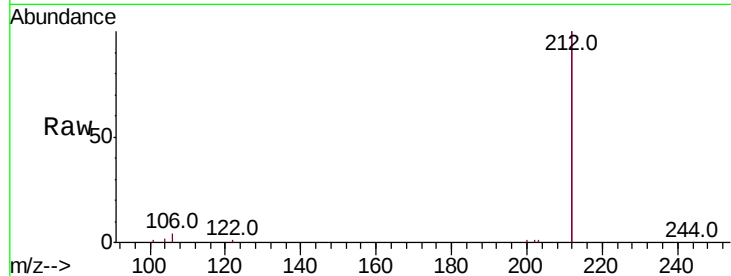
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	212	Resp:	35643
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

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#26

Fluoranthene

Concen: 0.376 ng

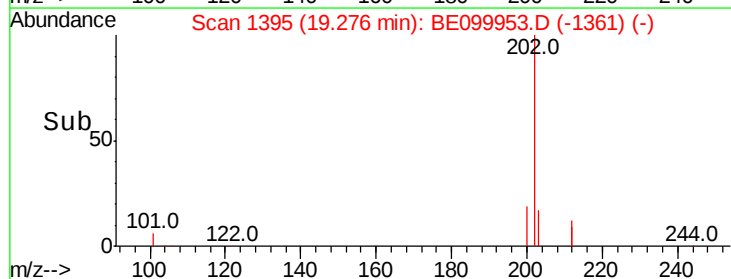
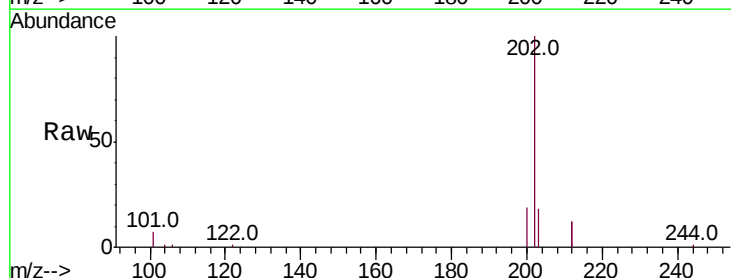
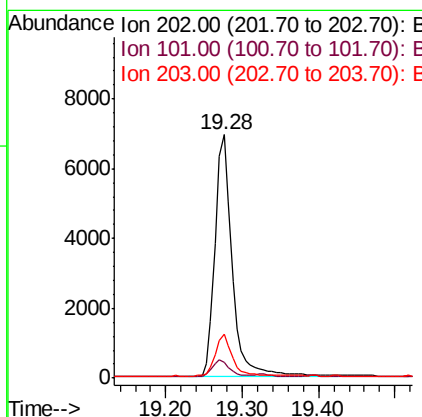
RT: 19.28 min Scan# 1395

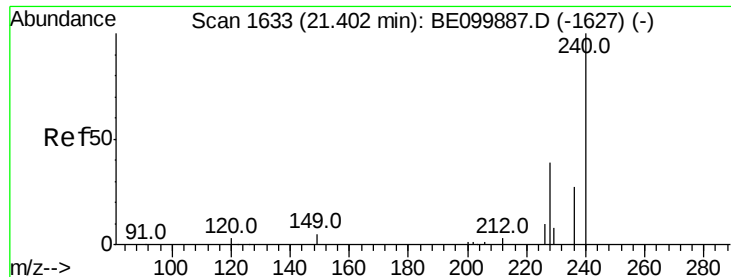
Delta R.T. -0.01 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Tgt Ion:	202	Resp:	10761
Ion Ratio	Lower	Upper	
202	100		
101	6.6	5.4	8.0
203	17.1	13.2	19.8





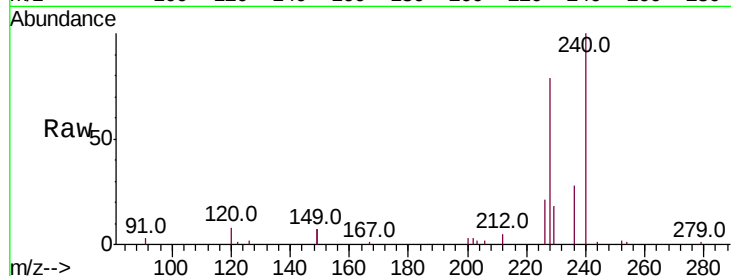
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MSD

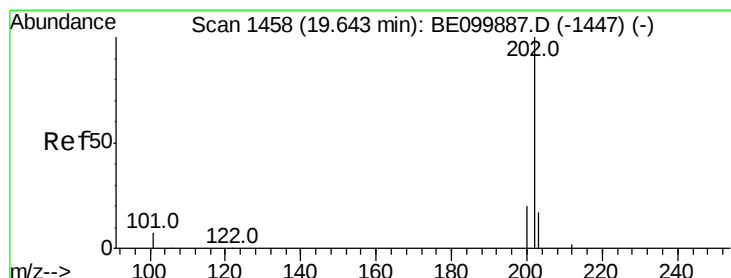
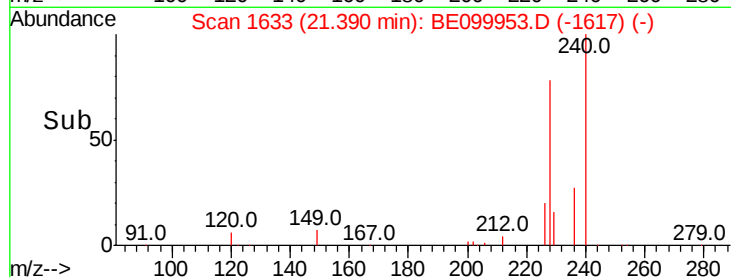
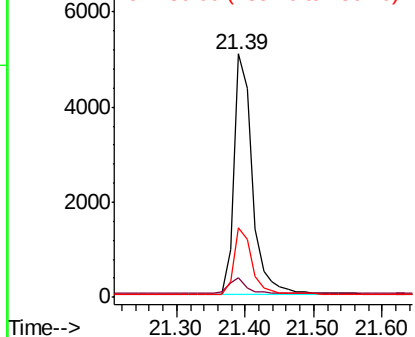
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	3.8	5.6#
236	28.3	22.0	33.0

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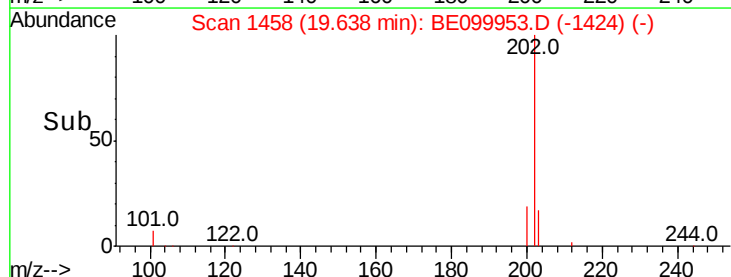
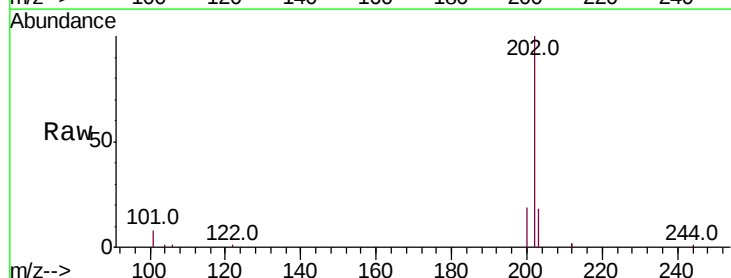
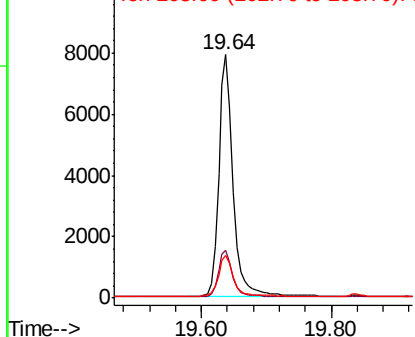
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

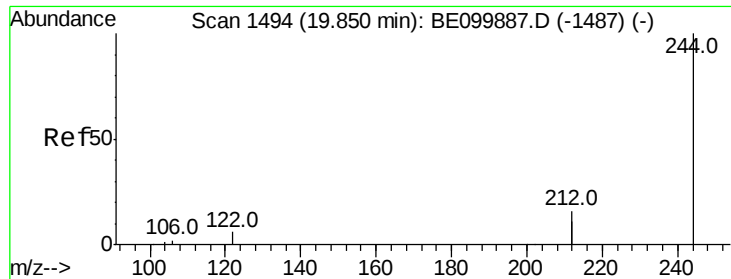


#28
Pyrene
Concen: 0.488 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.5	23.3
203	17.8	14.0	21.0

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: 0.557 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

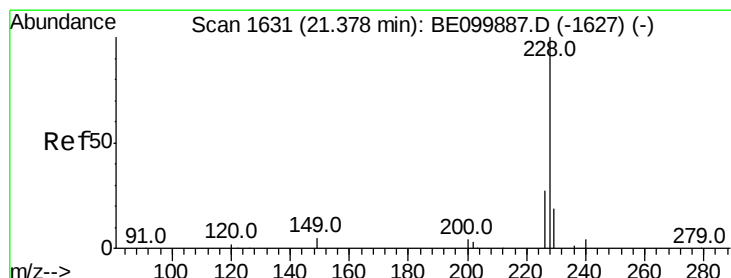
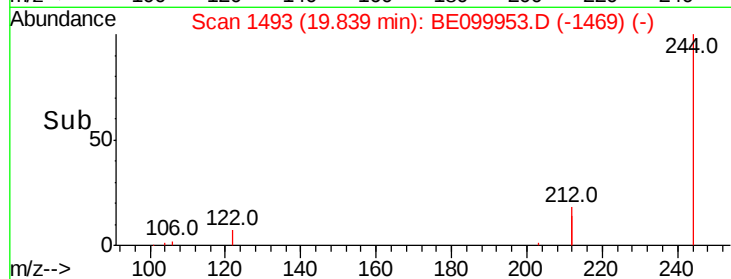
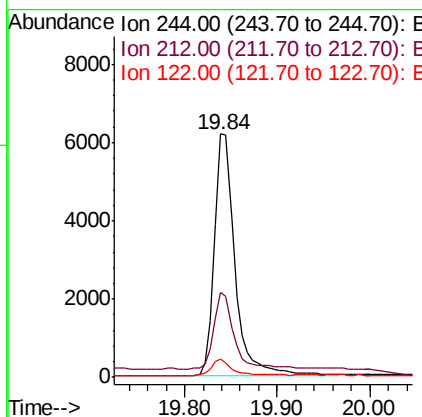
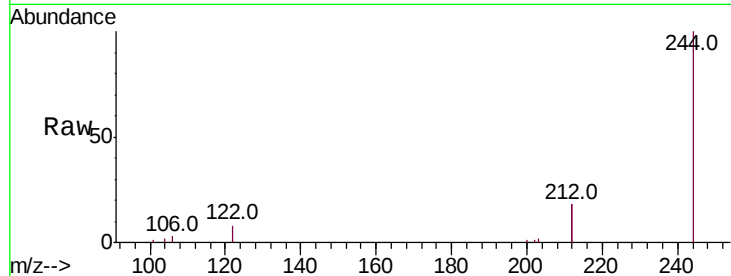
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:244	Resp:	9529
Ion Ratio	Lower	Upper
244 100		
212 35.1	25.7	38.5
122 7.7	5.5	8.3

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#30

Benzo(a)anthracene

Concen: 0.419 ng

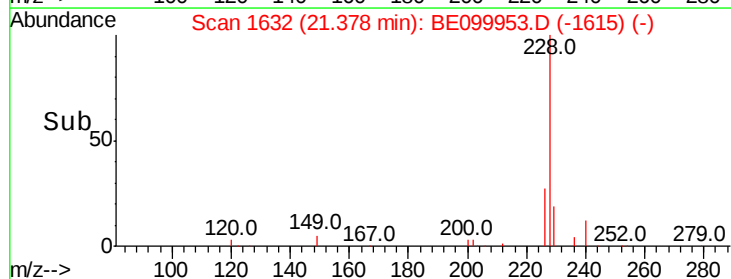
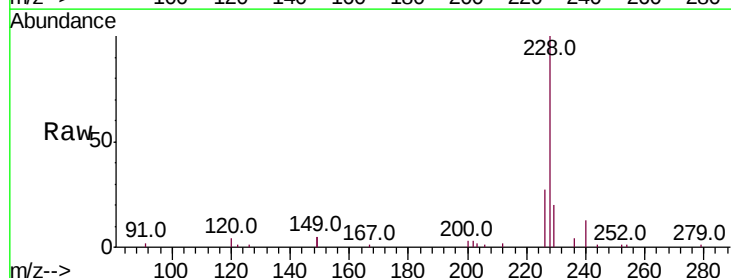
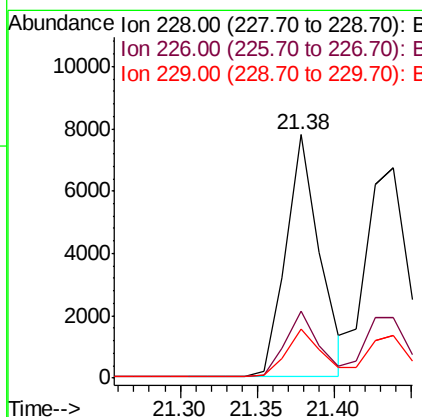
RT: 21.38 min Scan# 1632

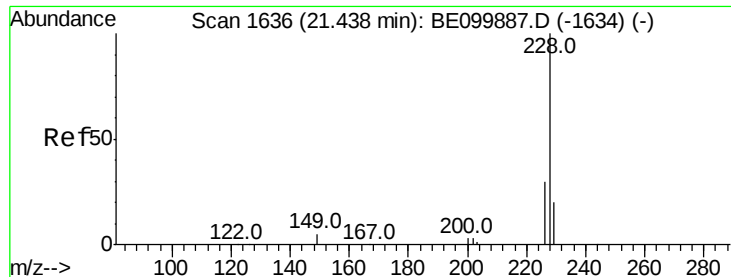
Delta R.T. 0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Tgt Ion:228	Resp:	11909
Ion Ratio	Lower	Upper
228 100		
226 27.3	22.5	33.7
229 19.9	15.9	23.9





#31

Chrysene

Concen: 0.438 ng

RT: 21.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605MSD

Tot Ion:228 Resp: 12869

Ion Ratio Lower Upper

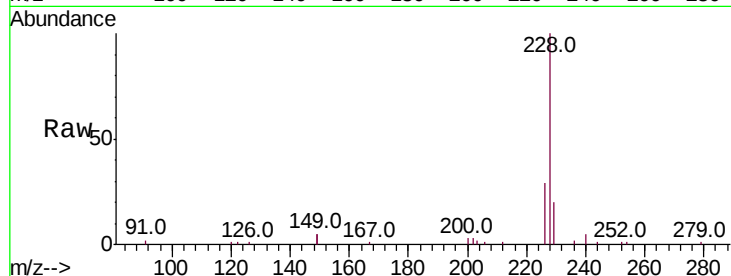
228 100

226 28.5 24.1 36.1

229 20.3 16.1 24.1

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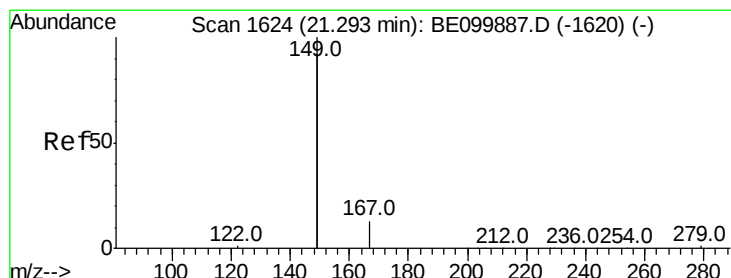
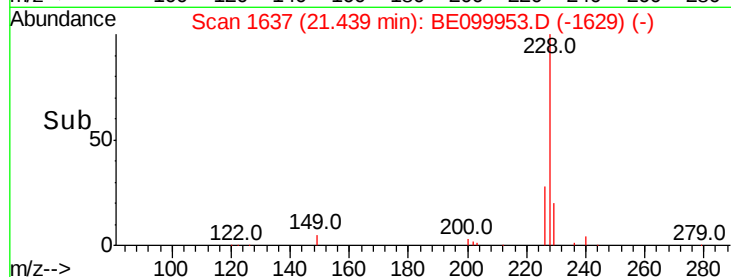
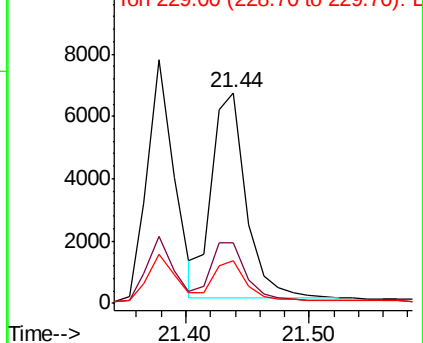
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.446 ng

RT: 21.29 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

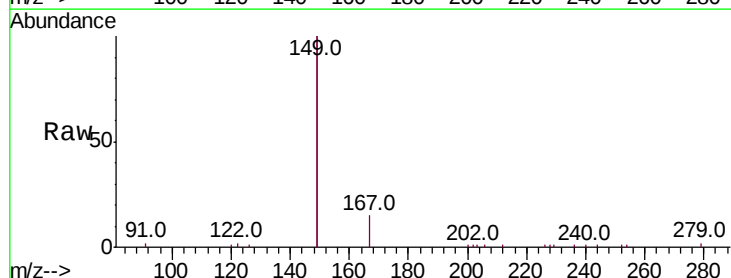
Tgt Ion:149 Resp: 18156

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

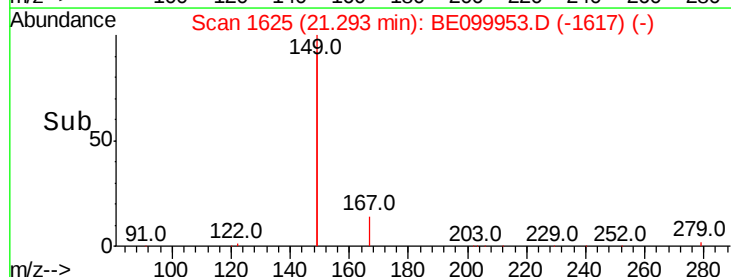
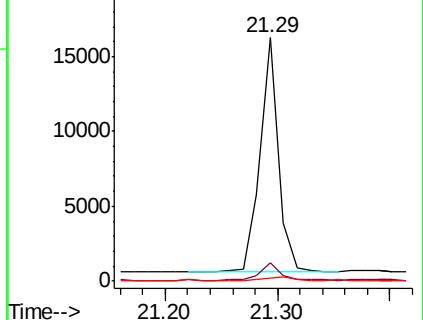
279 1.4 1.2 1.8

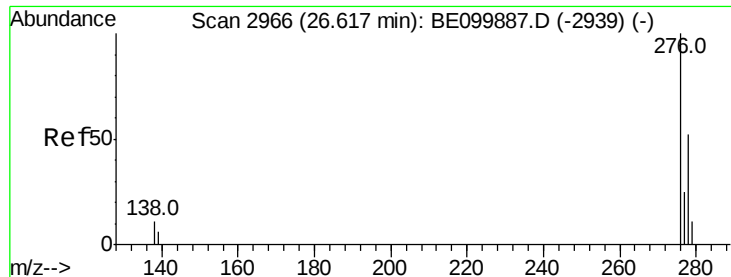


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





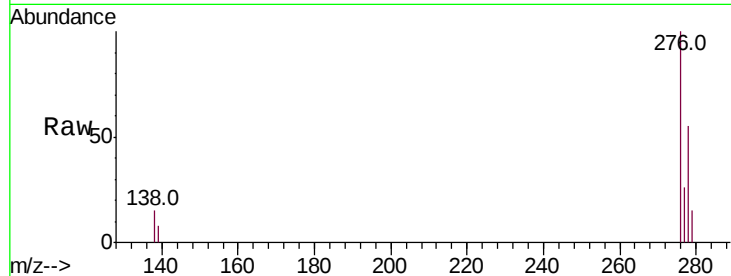
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.382 ng
 RT: 26.61 min Scan# 2966
 Delta R.T. -0.00 min
 Lab File: BE099953.D
 Acq: 12 Jun 2019 13:10

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190605MSD

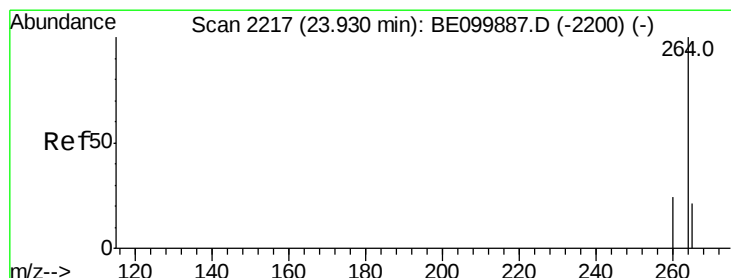
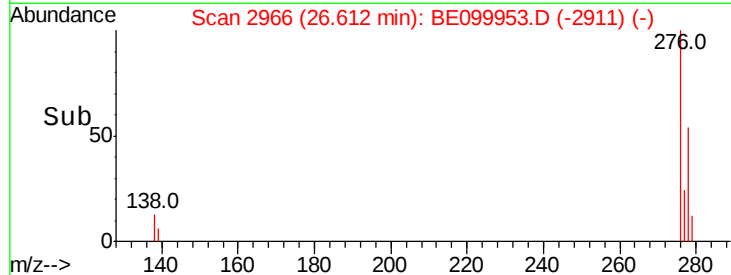
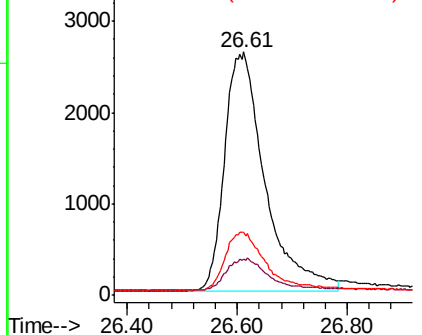
Tot Ion:276	Resp:	13312
Ion Ratio	Lower	Upper
276	100	
138	13.4	10.1 15.1
277	24.6	19.1 28.7

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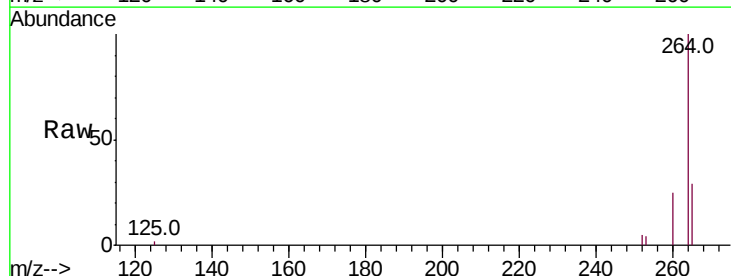


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

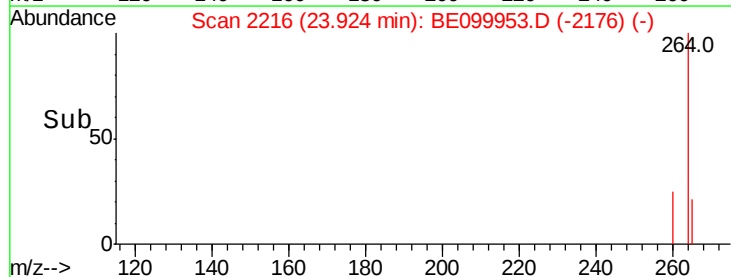
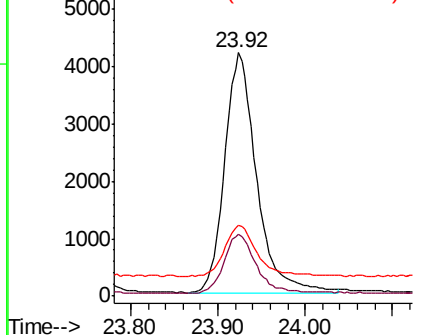


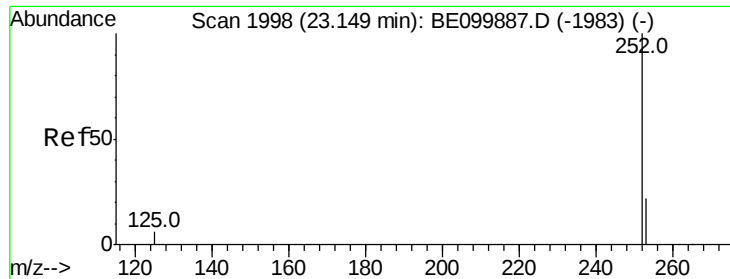
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BE099953.D
 Acq: 12 Jun 2019 13:10

Tgt Ion:264	Resp:	10600
Ion Ratio	Lower	Upper
264	100	
260	25.4	20.2 30.2
265	29.0	22.0 33.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





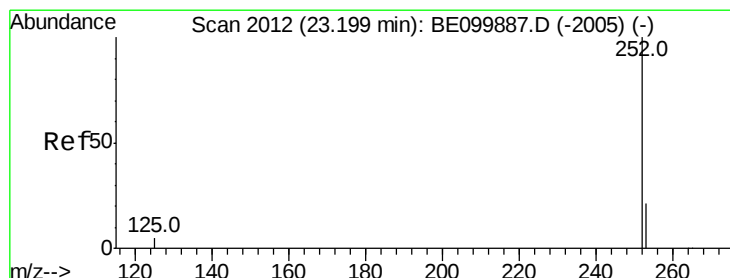
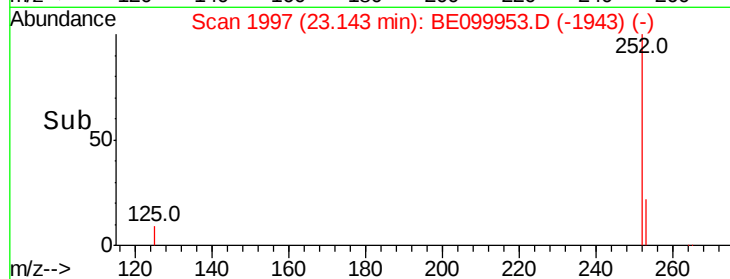
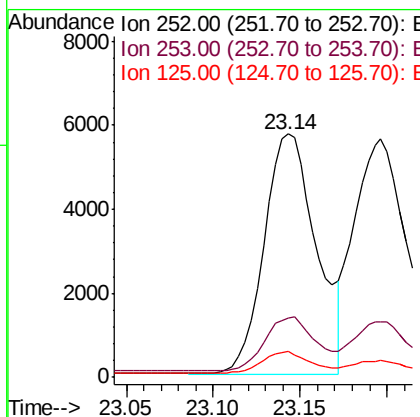
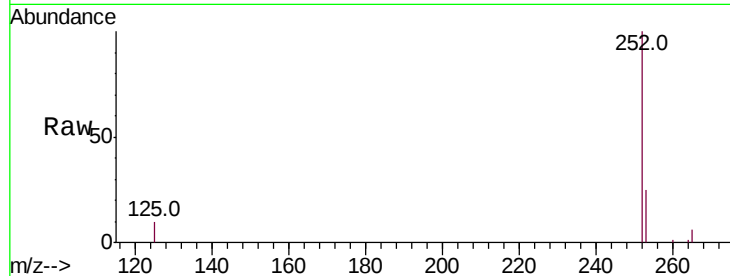
#35
Benzo(b)fluoranthene
Concen: 0.403 ng m
RT: 23.14 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MSD

Tot Ion:252 Resp: 11970
Ion Ratio Lower Upper
252 100
253 24.6 18.7 28.1
125 10.4 5.7 8.5#

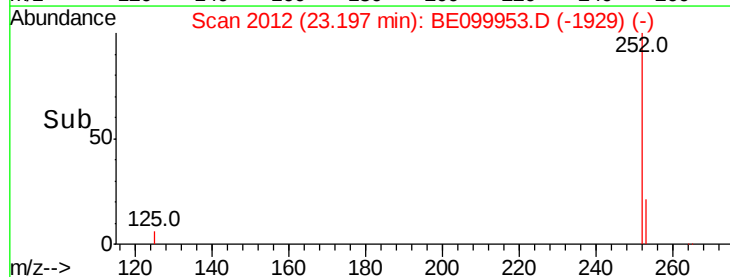
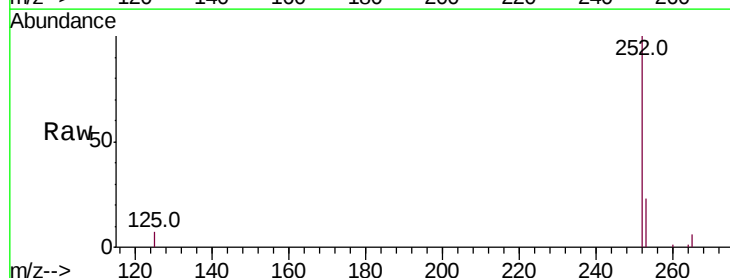
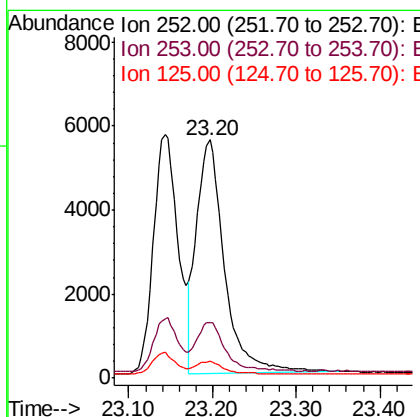
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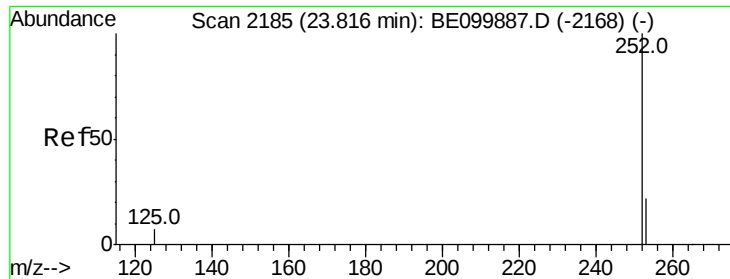
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#36
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Tgt Ion:252 Resp: 12817
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 7.2 5.4 8.0





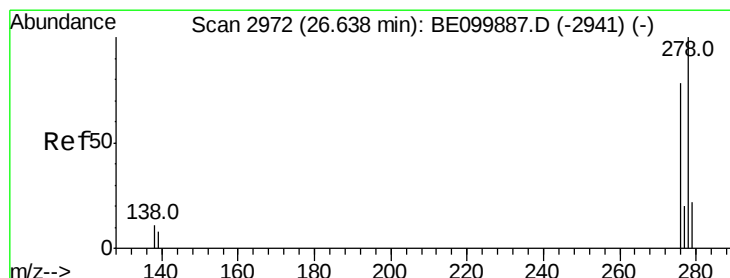
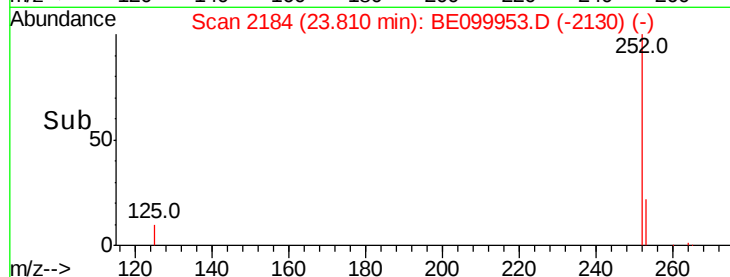
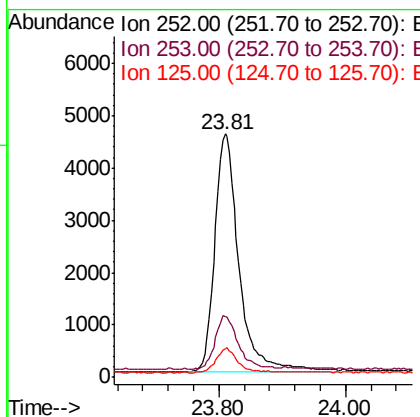
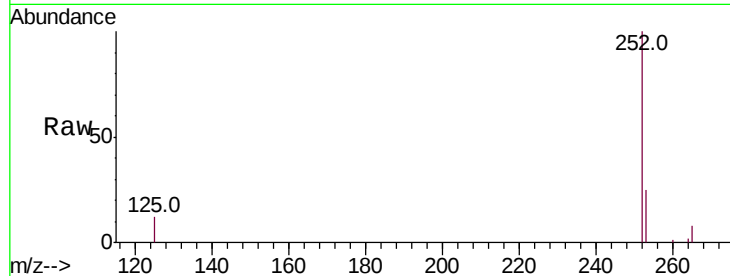
#37
Benzo(a)pyrene
Concen: 0.410 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.6	29.4
125	11.6	6.6	10.0

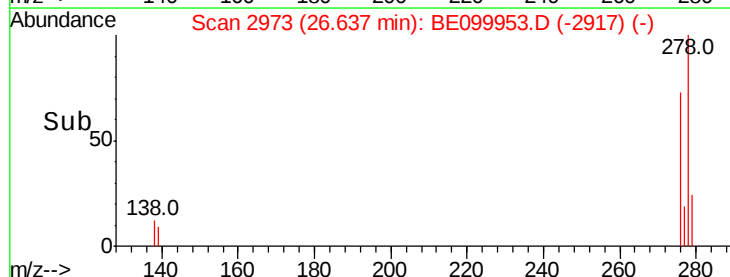
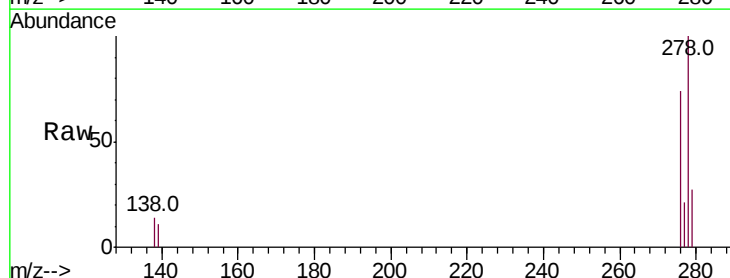
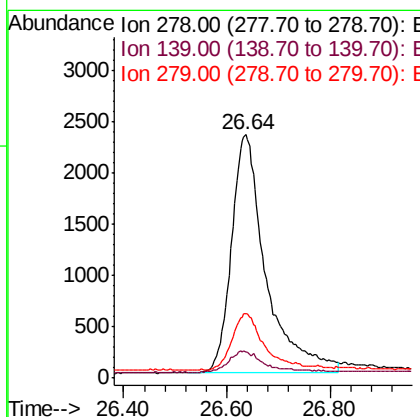
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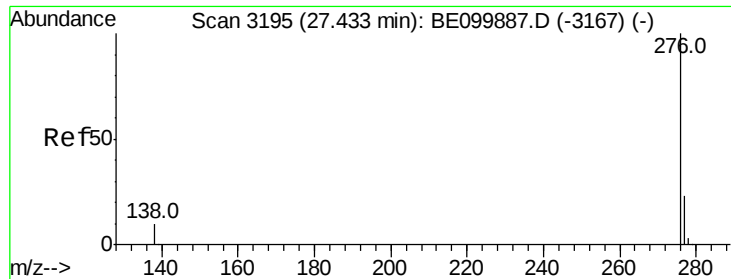
mohammad
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#38
Dibenzo(a,h)anthracene
Concen: 0.368 ng
RT: 26.64 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BE099953.D
Acq: 12 Jun 2019 13:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.8	11.8
279	26.7	20.0	30.0





#39

Benzo(a,h,i)perylene

Concen: 0.390 ng

RT: 27.43 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BE099953.D

Acq: 12 Jun 2019 13:10

Instrument :

BNA_E

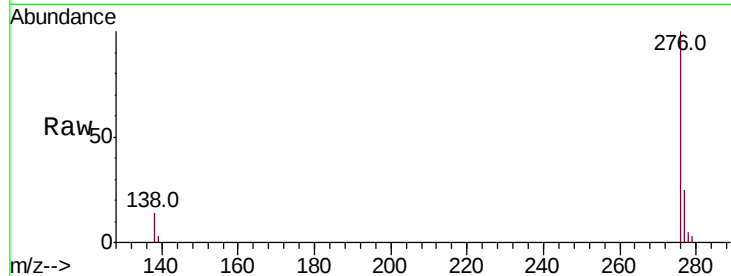
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	276	Resp:	11871
Ion Ratio	Lower	Upper	
276	100		
277	25.0	19.5	29.3
138	13.5	9.5	14.3

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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

