

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099923.D
 Acq On : 11 Jun 2019 14:32
 Operator : JU/SJ
 Sample : PB120465BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120465BSD

Manual Integrations
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mohammad
 6/14/2019 8:37:36 AM

Quant Time: Jun 12 04:16:13 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	7.78	152	872	0.40	ng	-0.01
7) Naphthalene-d8	10.58	136	3151	0.40	ng	-0.03
13) Acenaphthene-d10	14.44	164	2255	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	8387	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	12236	0.40	ng	-0.04
34) Perylene-d12	23.87	264	13553	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	768	0.33	ng	0.00
5) Phenol-d6	6.96	99	1026	0.34	ng	0.00
8) Nitrobenzene-d5	8.95	82	912	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.18	152	2530	0.46	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	407	0.24	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	2827	0.33	ng	-0.03
25) Fluoranthene-d10	19.22	212	41656	0.34	ng	-0.03
29) Terphenyl-d14	19.82	244	8847	0.40	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	458	0.355	ng	# 60
3) n-Nitrosodimethylamine	3.61	42	189	0.254	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	766	0.309	ng	91
9) Naphthalene	10.63	128	11721	0.345	ng	99
10) Hexachlorobutadiene	10.90	225	904	0.348	ng	97
12) 2-Methylnaphthalene	12.27	142	1840	0.333	ng	98
16) Acenaphthylene	14.17	152	3779	0.337	ng	99
17) Acenaphthene	14.50	154	2044	0.335	ng	100
18) Fluorene	15.49	166	3257	0.355	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	1481	0.312	ng	93
21) Hexachlorobenzene	16.49	284	1524	0.314	ng	98
22) Pentachlorophenol	16.87	266	197	0.384	ng	97
23) Phenanthrene	17.23	178	6786	0.333	ng	100
24) Anthracene	17.32	178	6038	0.324	ng	99
26) Fluoranthene	19.25	202	12463	0.360	ng	100
28) Pyrene	19.61	202	12962	0.403	ng	99
30) Benzo(a)anthracene	21.34	228	14633	0.400	ng	99
31) Chrysene	21.40	228	14408	0.381	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	19849	0.378	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	16929	0.378	ng	98
35) Benzo(b)fluoranthene	23.09	252	14319m	0.377	ng	
36) Benzo(k)fluoranthene	23.14	252	15520	0.391	ng	98
37) Benzo(a)pyrene	23.75	252	14097	0.377	ng	# 92
38) Dibenzo(a,h)anthracene	26.55	278	13242	0.351	ng	98
39) Benzo(g,h,i)perylene	27.33	276	14591	0.375	ng	99

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

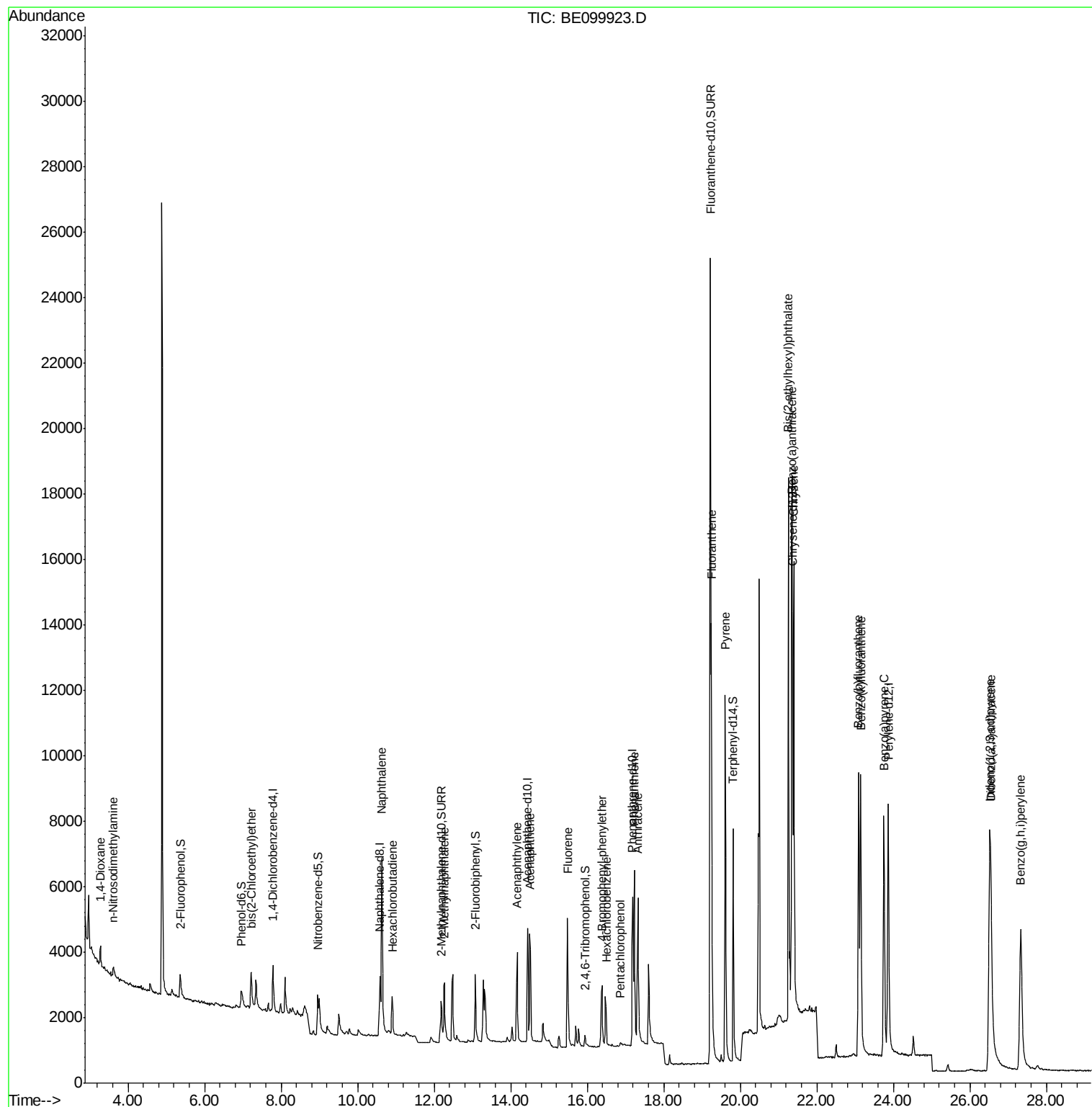
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099923.D
Acq On : 11 Jun 2019 14:32
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Quant Time: Jun 12 04:16:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

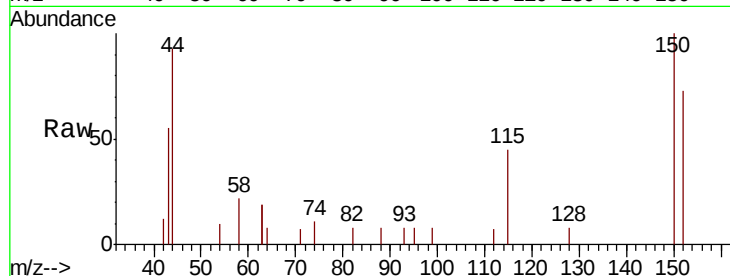
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Instrument :
BNA_E
ClientSampleId :
PB120465BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.9	111.0	166.6
115	61.6	50.7	76.1

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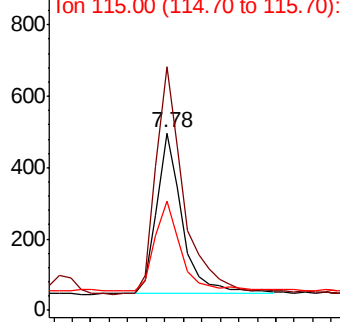


Abundance

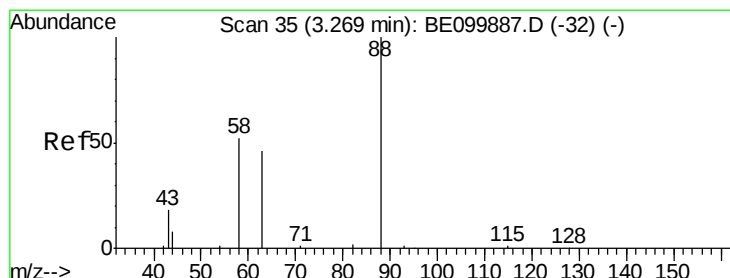
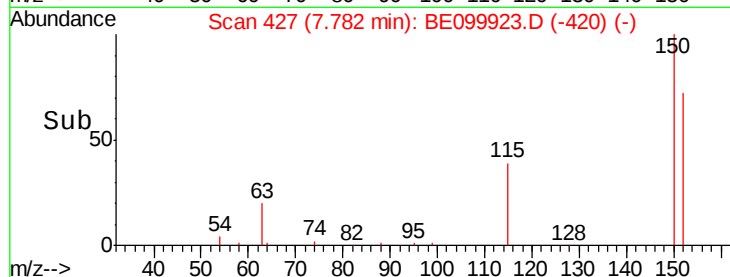
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



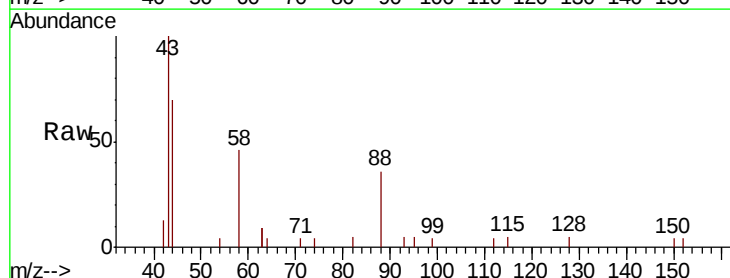
Time-->



#2

1,4-Dioxane
Concen: 0.355 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.2	48.8	73.2
43	87.1	19.0	28.6

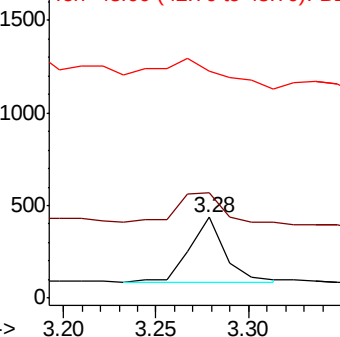


Abundance

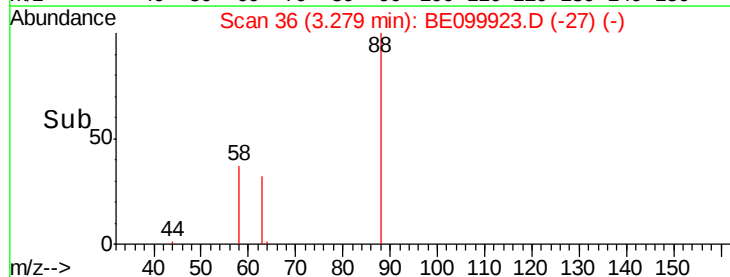
Ion 88.00 (87.70 to 88.70): BE0

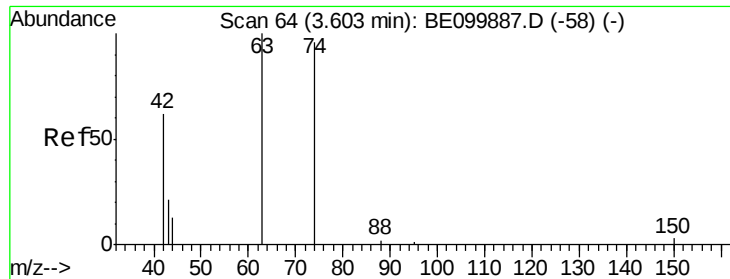
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.254 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

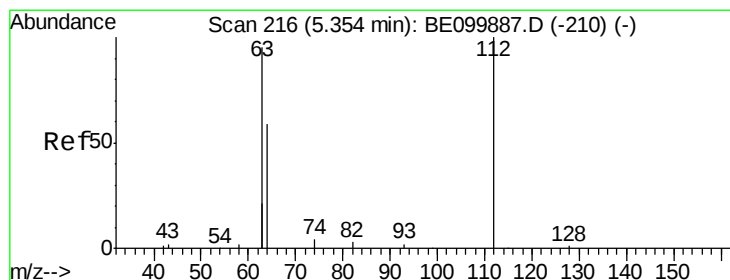
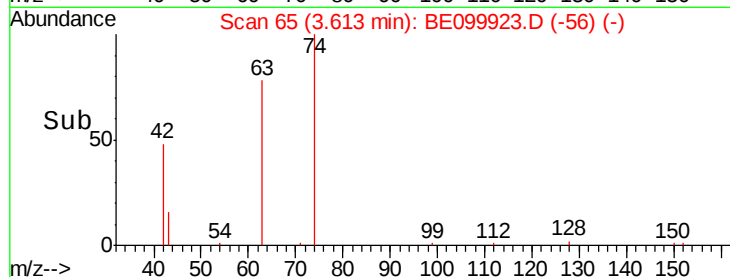
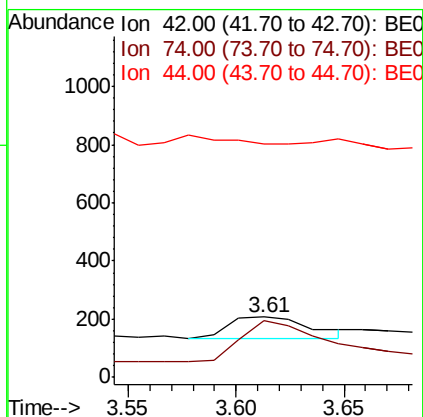
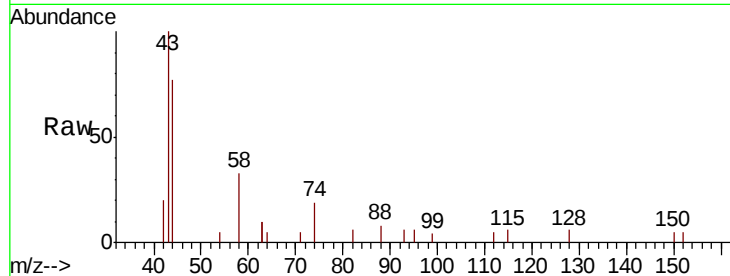
ClientSampleId :

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Tot Ion:	42	Resp:	189
Ion	Ratio	Lower	Upper
42	100		
74	189.9	0.0	0.0#
44	0.0	0.0	0.0

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#4

2-Fluorophenol

Concen: 0.326 ng

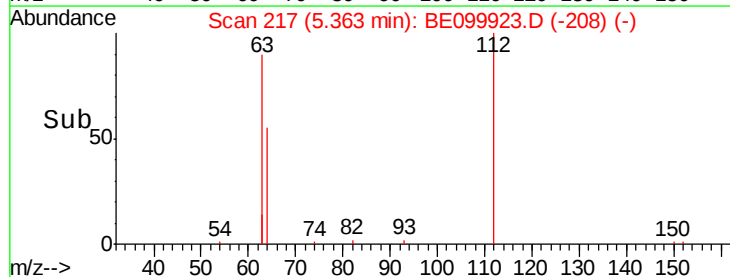
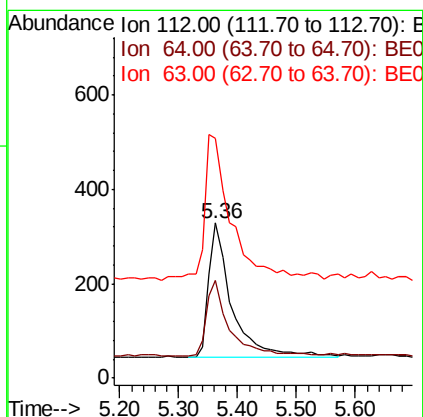
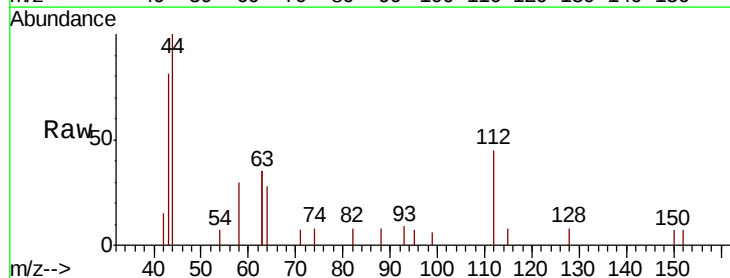
RT: 5.36 min Scan# 217

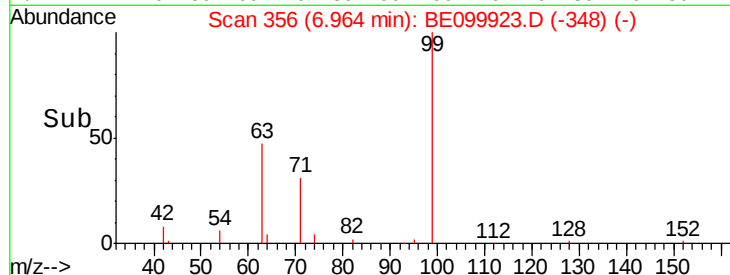
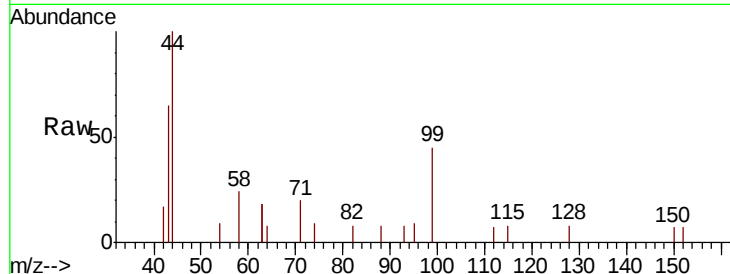
Delta R.T. 0.01 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Tgt Ion:	112	Resp:	768
Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.1	66.1
63	125.1	87.8	131.6





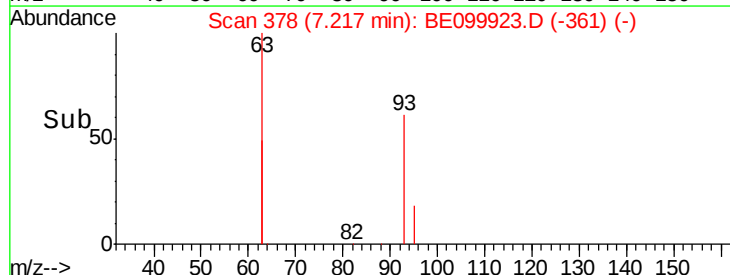
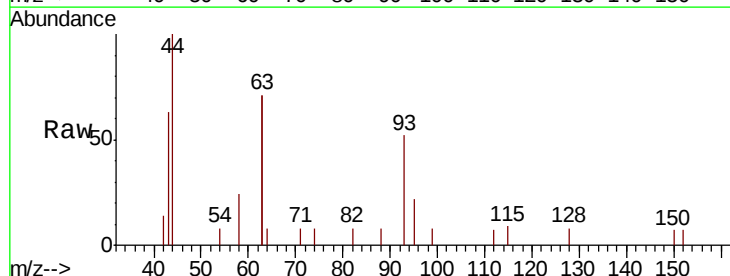
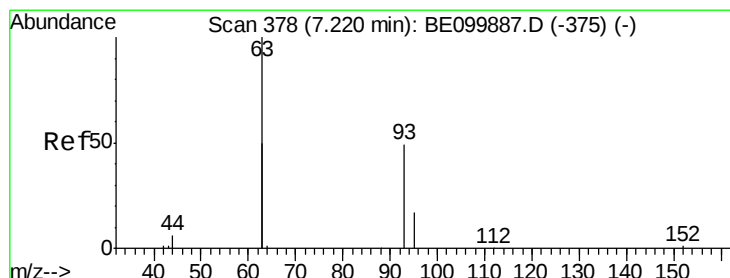
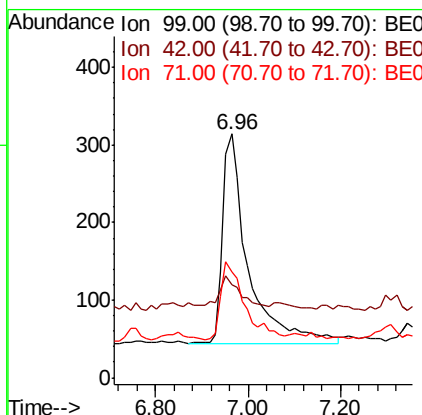
#5
Phenol-d6
Concen: 0.338 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Tot Ion	Ratio	Lower	Upper
99	100		
42	11.1	15.9	23.9#
71	34.7	34.6	52.0

Instrument :
BNA_E
ClientSampleId :
PB120465BSD

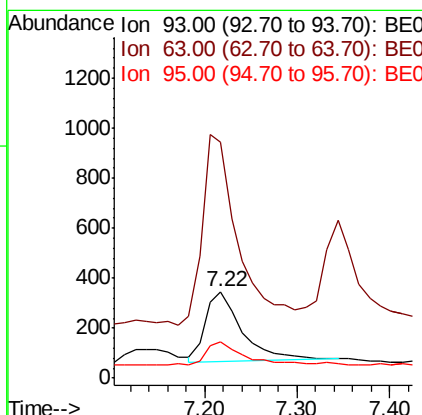
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#6
bis(2-Chloroethyl)ether
Concen: 0.309 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
93	100		
63	269.1	202.8	304.2
95	34.6	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.03 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

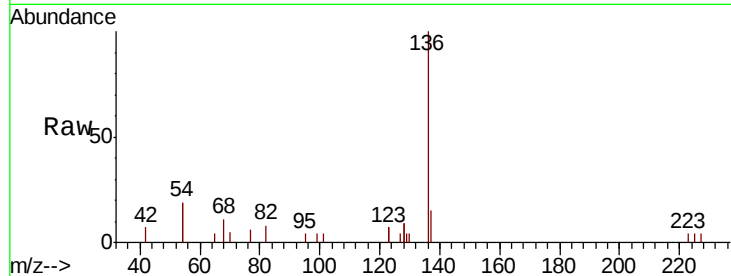
ClientSampleId :

PB120465BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.6	12.3	18.5
54	39.0	28.2	42.4
68	11.0	7.8	11.8

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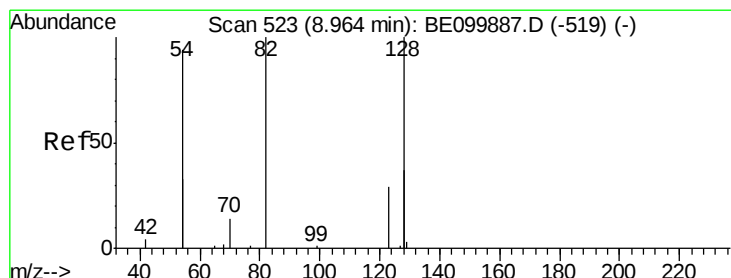
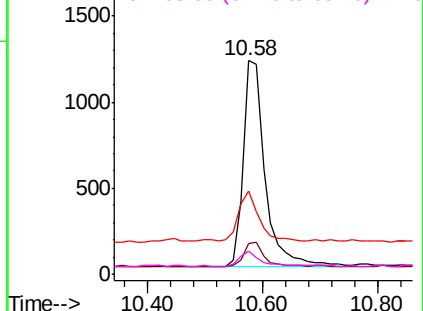
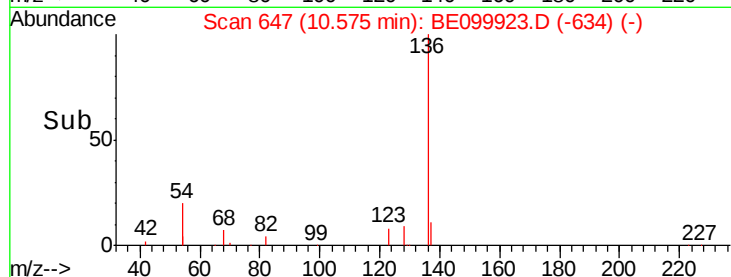


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.306 ng

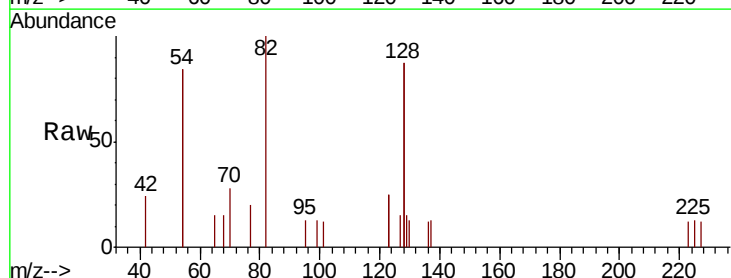
RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

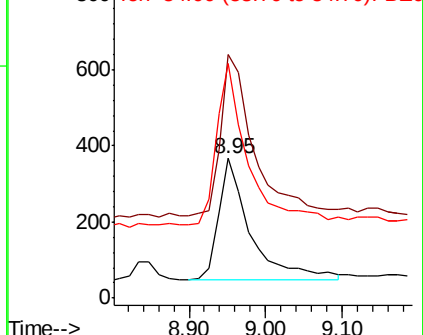
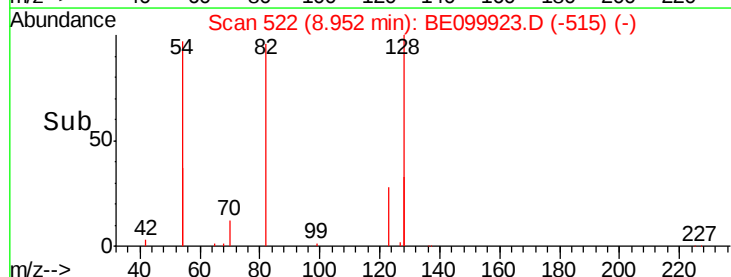
Tgt Ion	Ratio	Lower	Upper
82	100		
128	174.4	137.3	205.9
54	168.4	129.7	194.5



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: 0.345 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.03 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

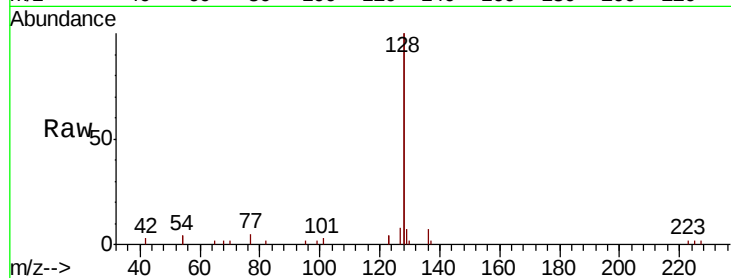
ClientSampleId :

PB120465BSD

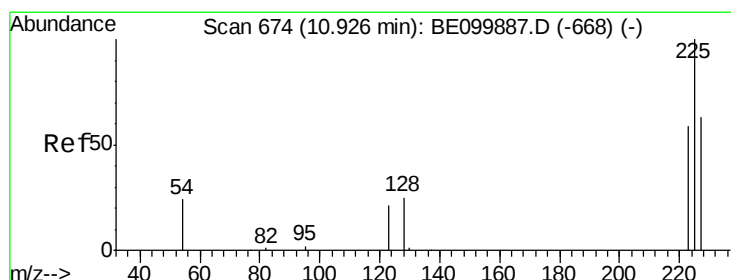
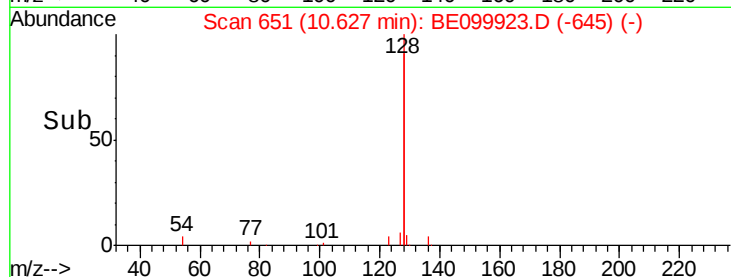
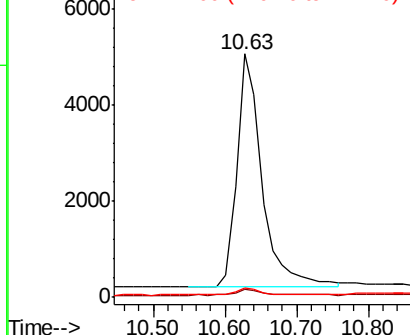
Tot Ion:	128	Resp:	11721
Ion Ratio	Lower	Upper	
128	100		
129	3.4	3.0	4.6
127	4.0	3.4	5.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.348 ng

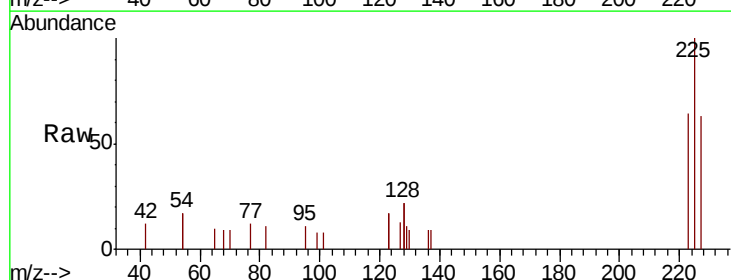
RT: 10.90 min Scan# 672

Delta R.T. -0.03 min

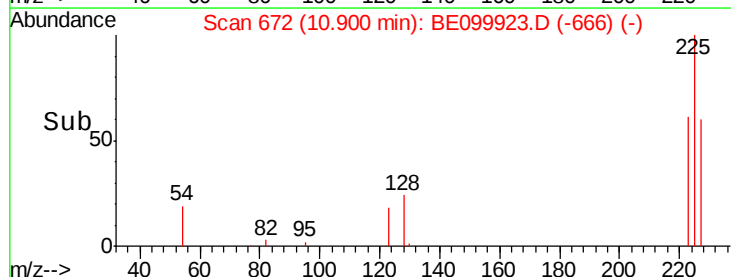
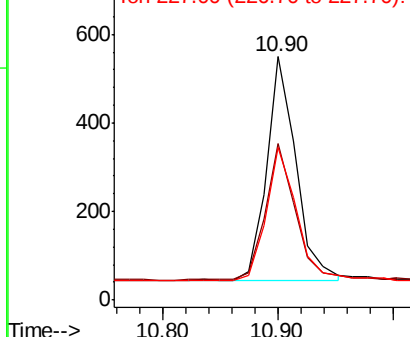
Lab File: BE099923.D

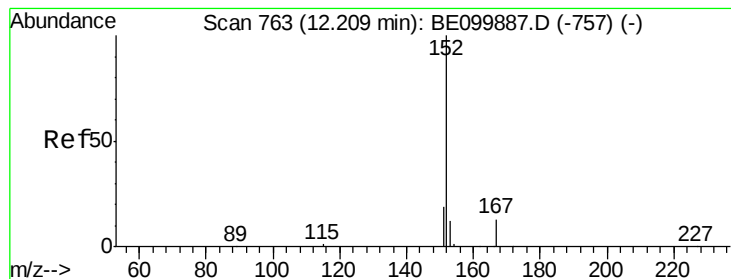
Acq: 11 Jun 2019 14:32

Tgt Ion:	225	Resp:	904
Ion Ratio	Lower	Upper	
225	100		
223	61.2	51.6	77.4
227	61.6	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





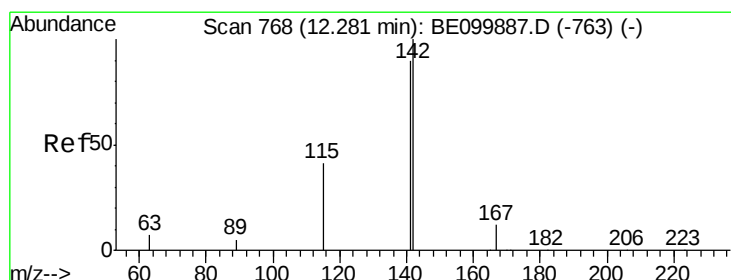
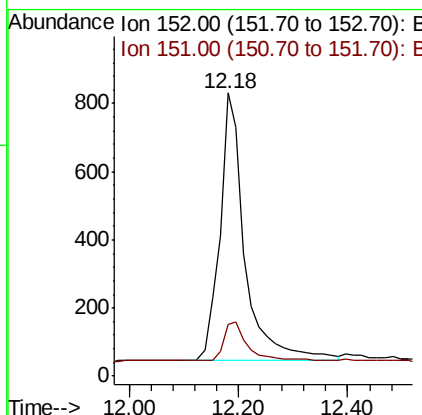
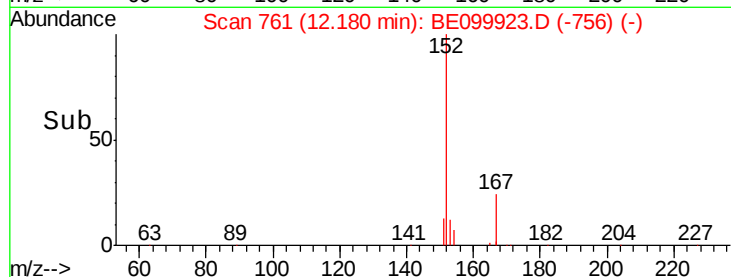
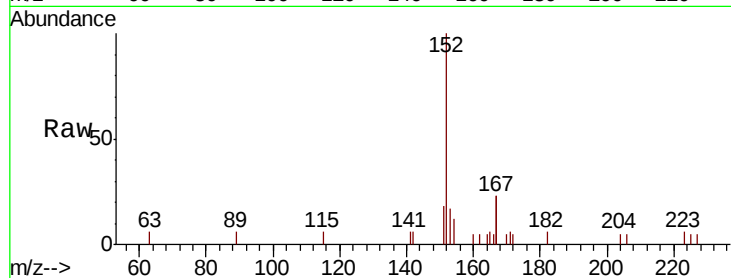
#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.03 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Instrument :
BNA_E
ClientSampleId :
PB120465BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	14.0	15.2	22.8#

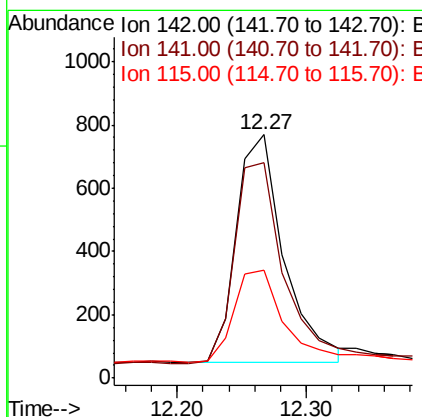
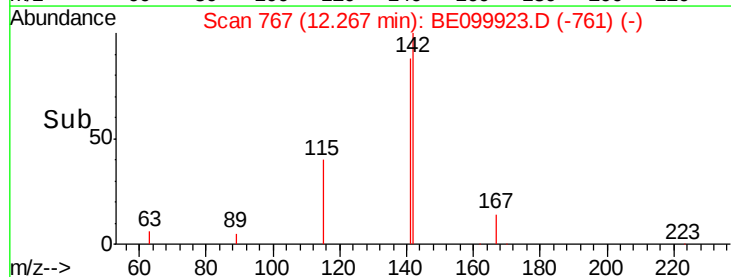
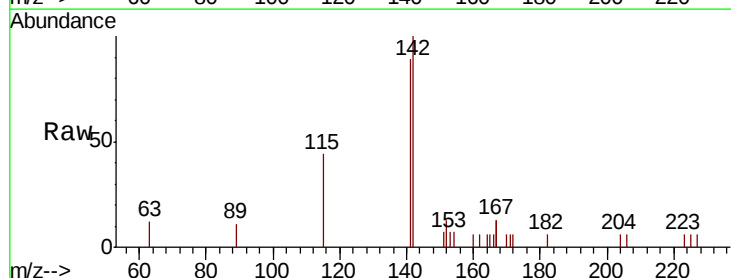
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#12
2-Methylnaphthalene
Concen: 0.333 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.3	108.5
115	44.2	36.4	54.6





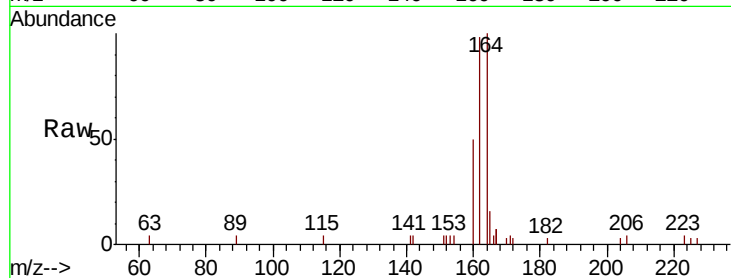
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Instrument :
BNA_E
ClientSampleId :
PB120465BSD

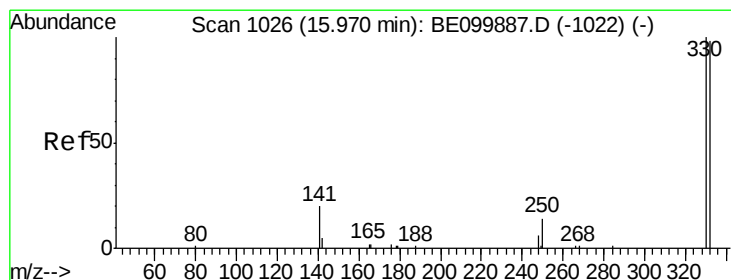
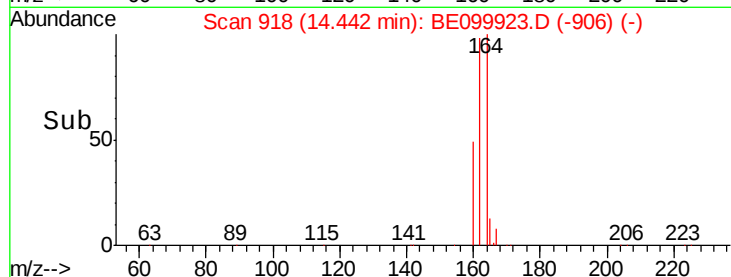
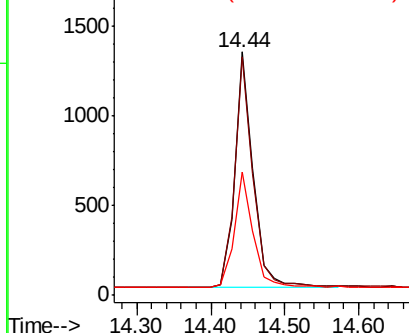
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.1	77.8	116.8
160	50.5	38.2	57.4

Manual Integrations
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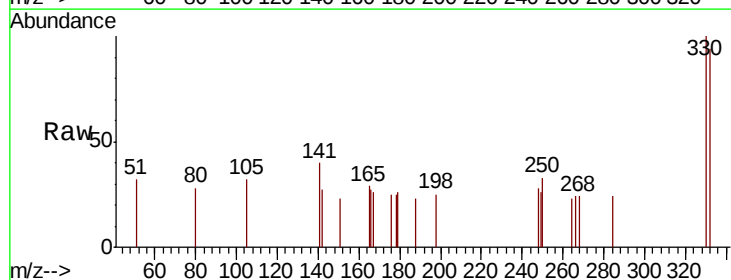


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

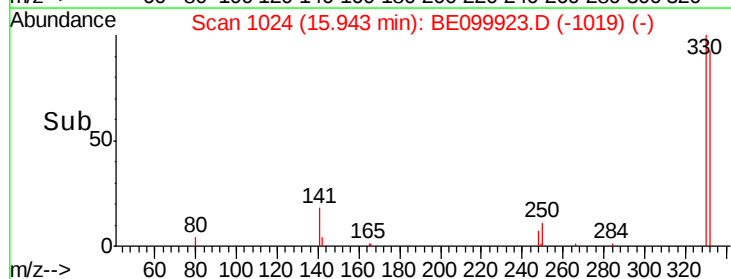
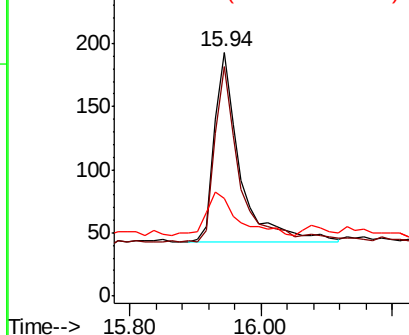


#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	86.5	76.7	115.1
141	27.5	21.0	31.6



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





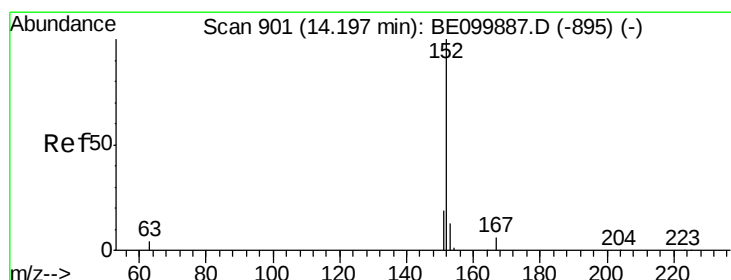
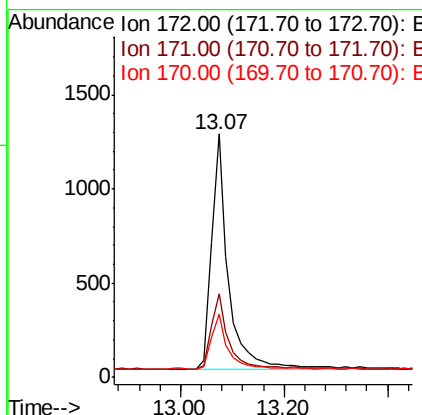
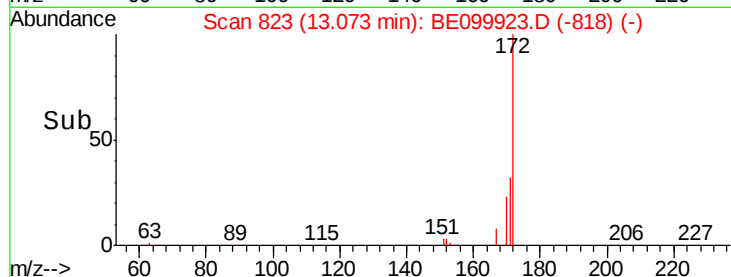
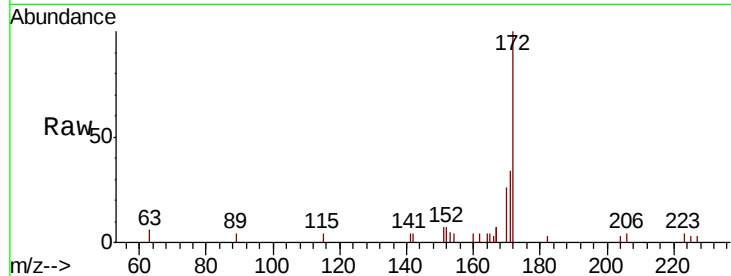
#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Instrument :
BNA_E
ClientSampleId :
PB120465BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.2	43.8
170	25.9	21.2	31.8

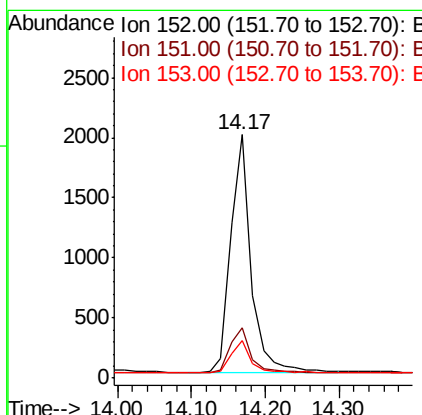
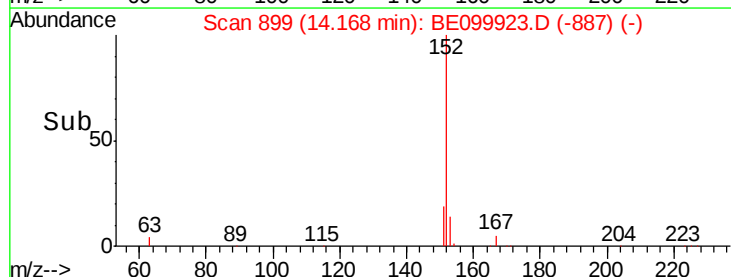
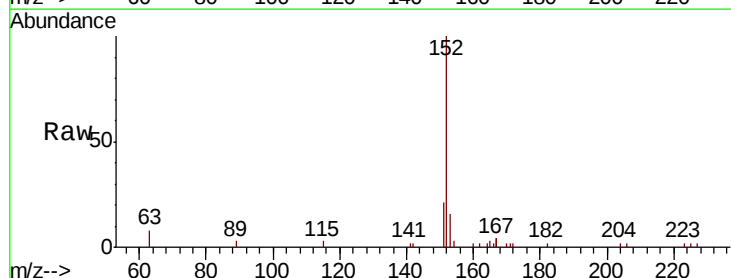
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#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.1	10.2	15.2





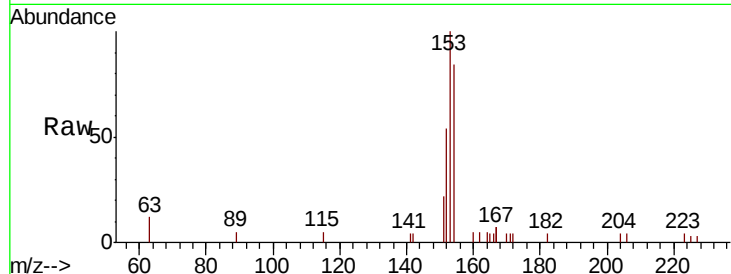
#17
Acenaphthene
Concen: 0.335 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Instrument :
BNA_E
ClientSampleId :
PB120465BSD

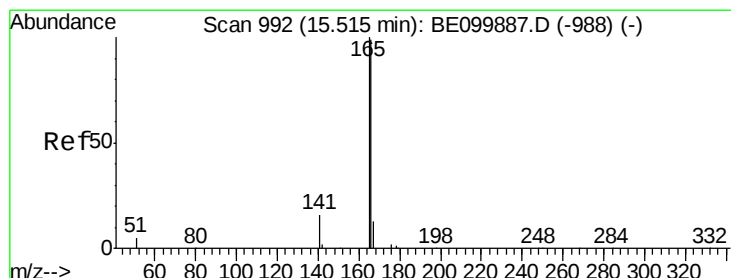
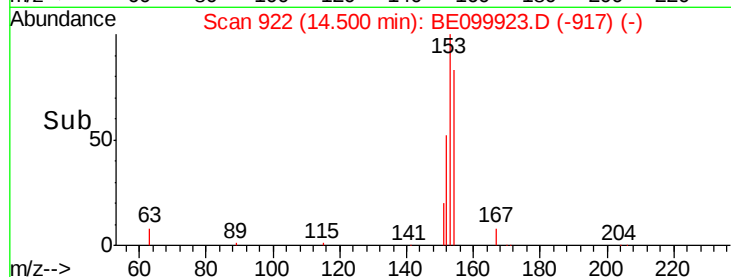
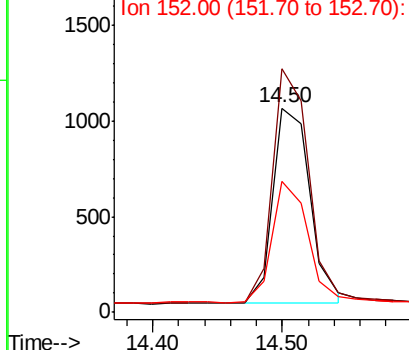
Tot Ion	Ratio	Lower	Upper
154	100		
153	116.3	93.1	139.7
152	59.6	47.0	70.4

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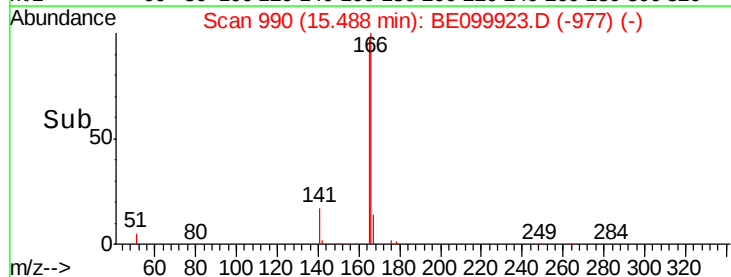
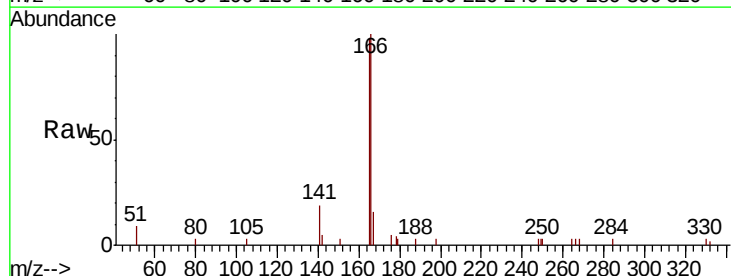
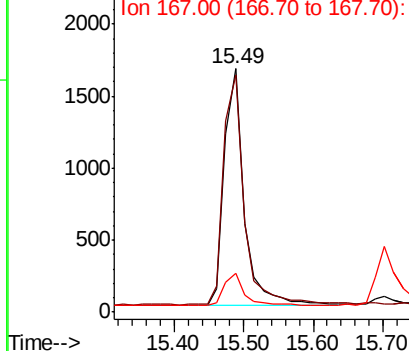
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.355 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.8	122.8
167	13.5	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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

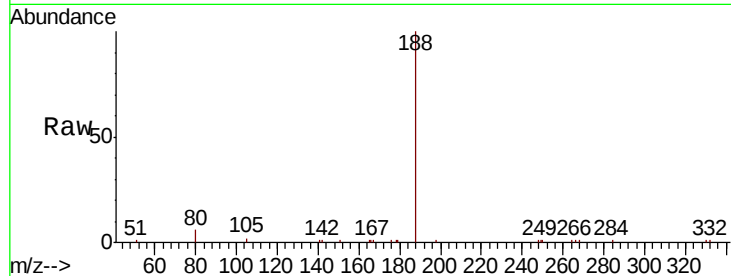
ClientSampleId :

PB120465BSD

Tot Ion:	188	Resp:	8387
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.2	6.4	9.6#

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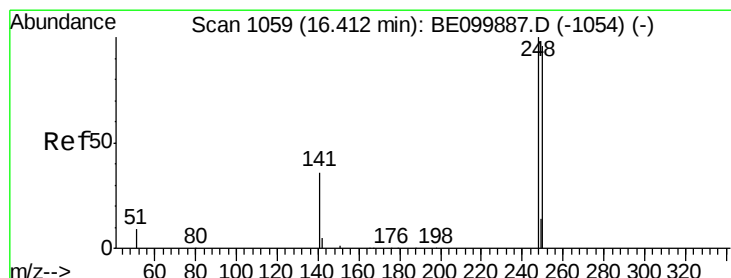
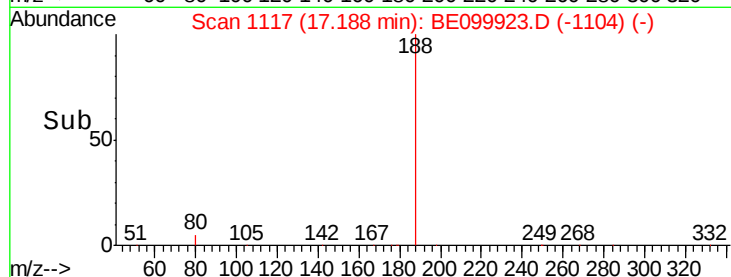
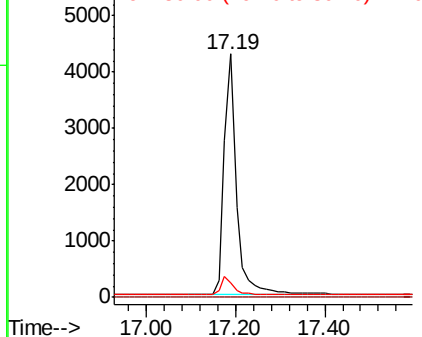
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.312 ng

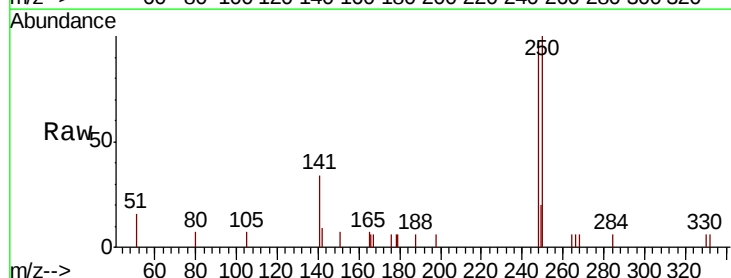
RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

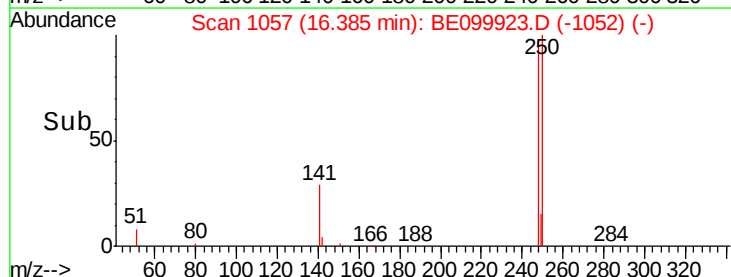
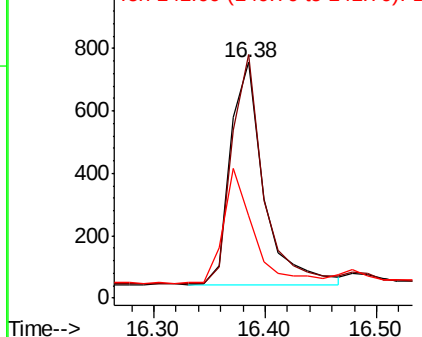
Tgt Ion:	248	Resp:	1481
Ion Ratio	Lower	Upper	
248	100		
250	103.3	77.5	116.3
141	34.9	31.8	47.8



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.314 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

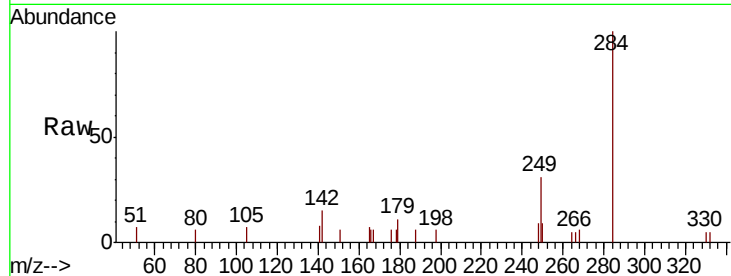
ClientSampleId :

PB120465BSD

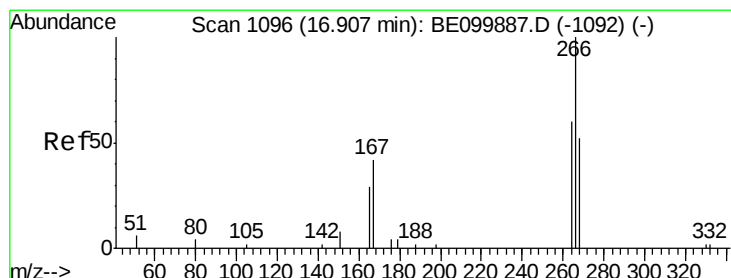
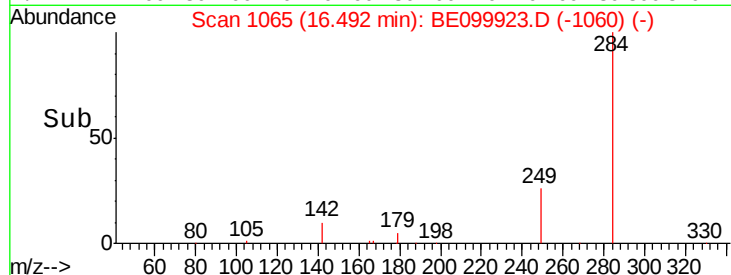
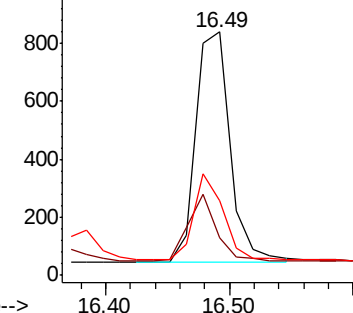
Tot Ion:	284	Resp:	1524
Ion Ratio	Lower	Upper	
284	100		
142	24.1	18.2	27.4
249	31.7	24.6	37.0

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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: 0.384 ng

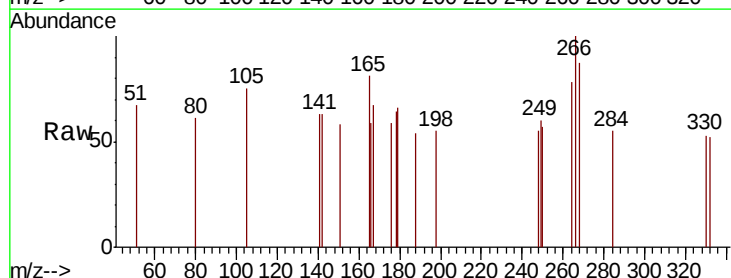
RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

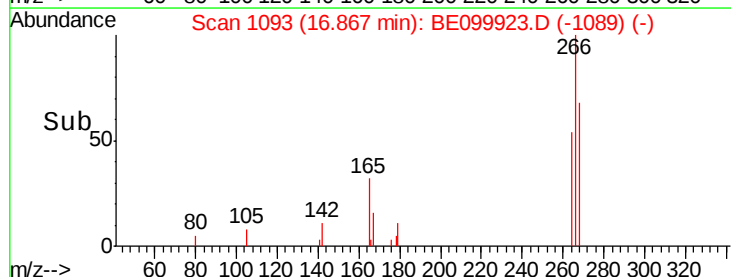
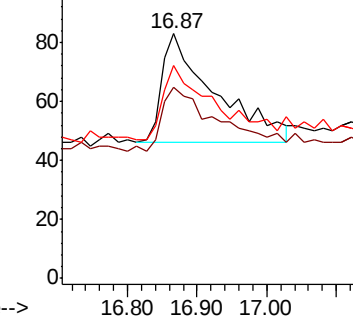
Lab File: BE099923.D

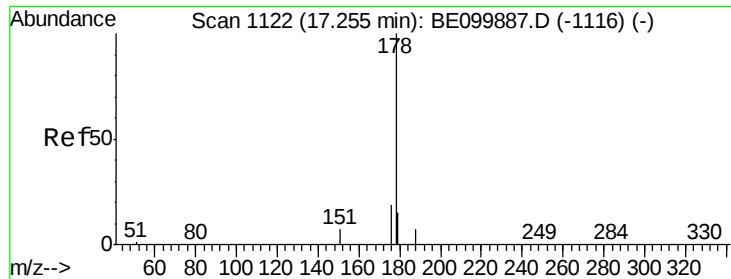
Acq: 11 Jun 2019 14:32

Tgt Ion:	266	Resp:	197
Ion Ratio	Lower	Upper	
266	100		
264	78.3	62.2	93.2
268	86.7	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: 0.333 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

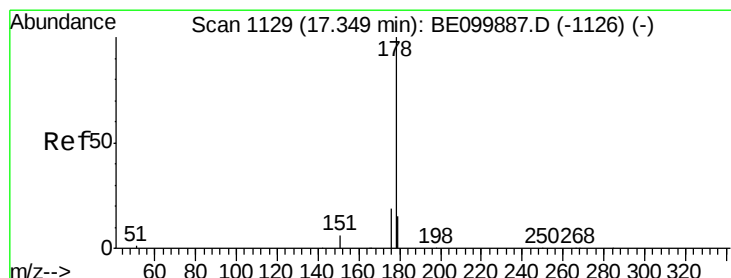
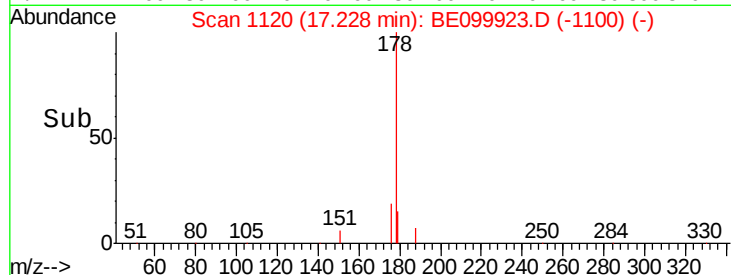
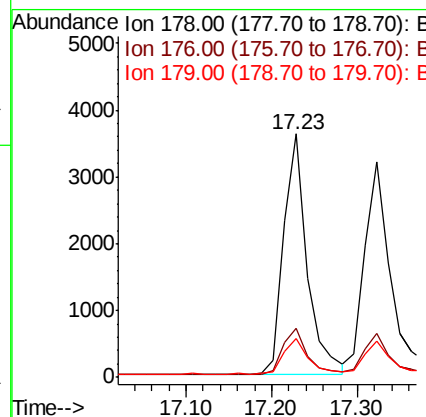
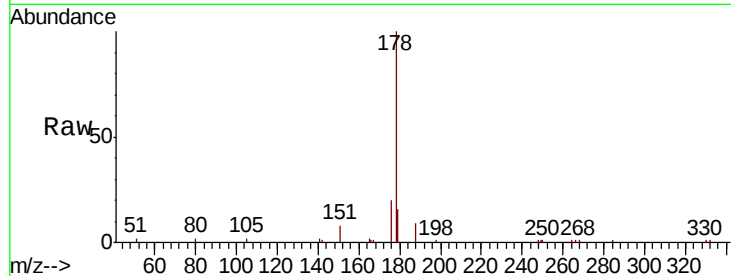
ClientSampleId :

PB120465BSD

Tot Ion:178	Resp:	6786
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.8 23.8
179	15.6	12.4 18.6

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#24

Anthracene

Concen: 0.324 ng

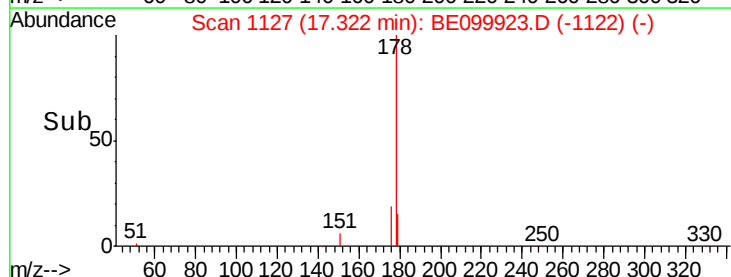
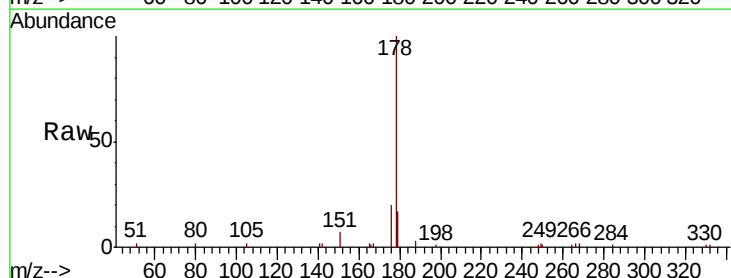
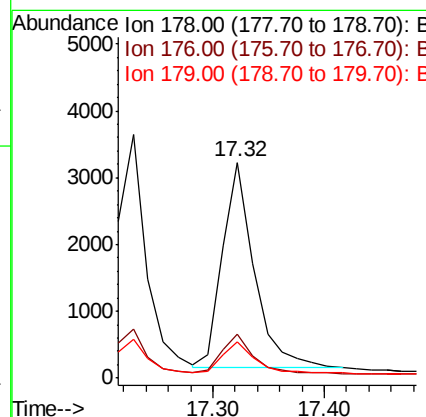
RT: 17.32 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Tgt Ion:178	Resp:	6038
Ion Ratio	Lower	Upper
178	100	
176	19.1	14.6 22.0
179	15.2	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.03 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

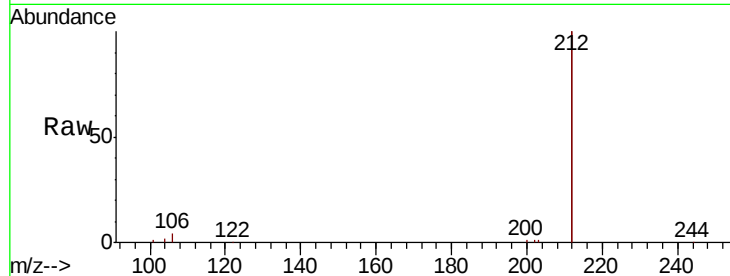
ClientSampleId :

PB120465BSD

Tot Ion:	212	Resp:	41656
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.4	2.2
104	1.0	0.9	1.3

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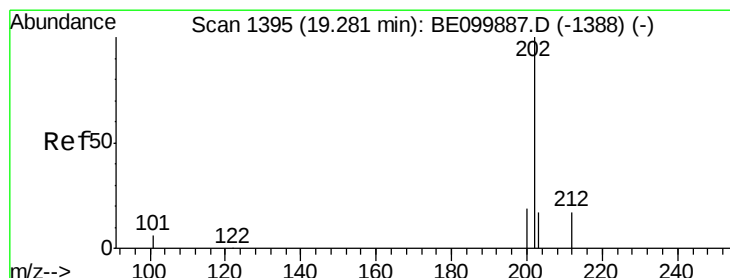
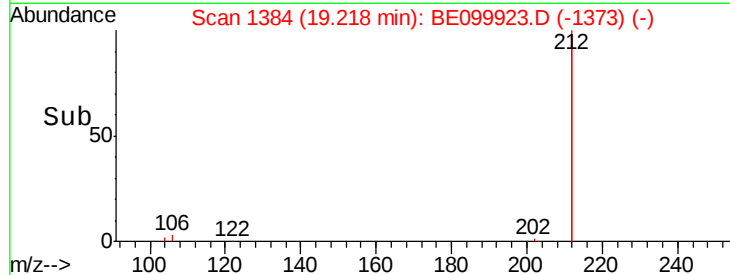
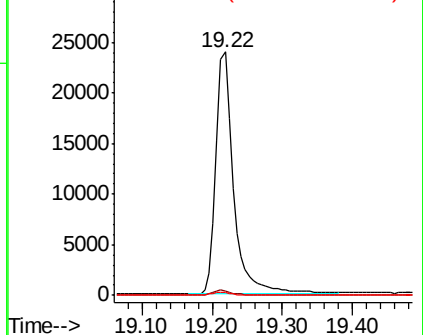


Abundance

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: 0.360 ng

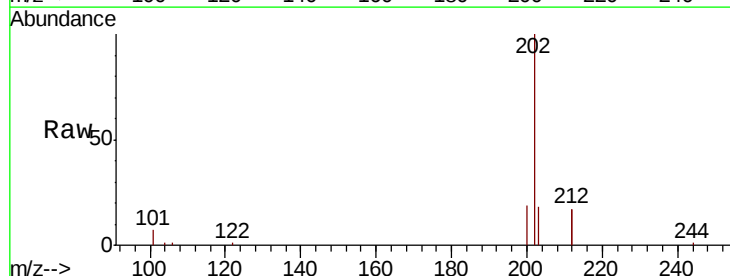
RT: 19.25 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Tgt Ion:	202	Resp:	12463
Ion Ratio	Lower	Upper	
202	100		
101	6.6	5.4	8.0
203	16.5	13.2	19.8

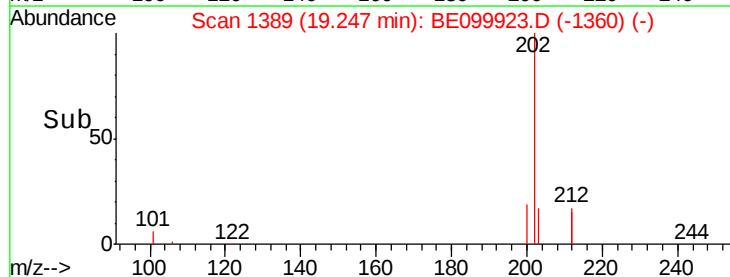
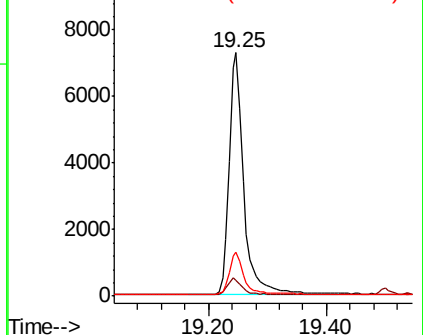


Abundance

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





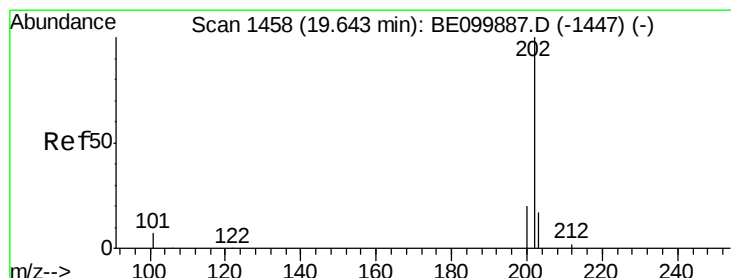
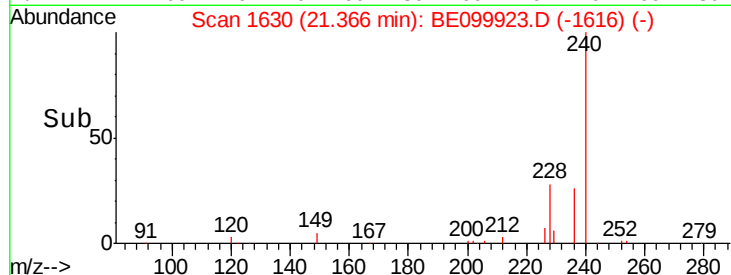
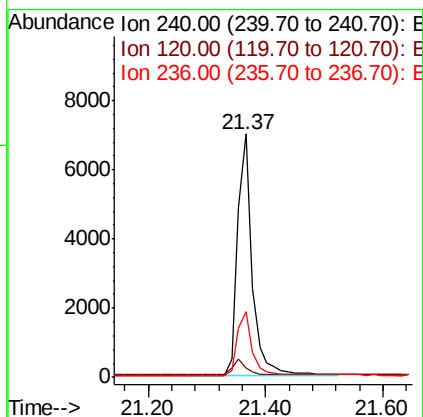
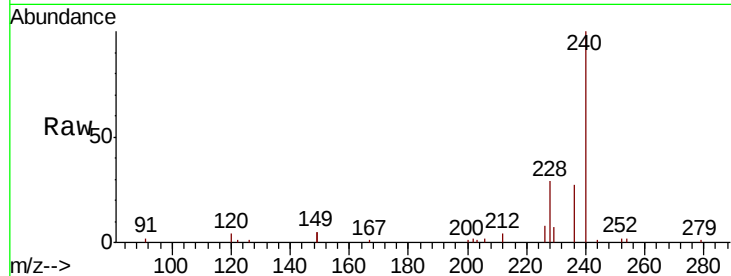
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Instrument :
BNA_E
ClientSampleId :
PB120465BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.0	3.8	5.6
236	26.9	22.0	33.0

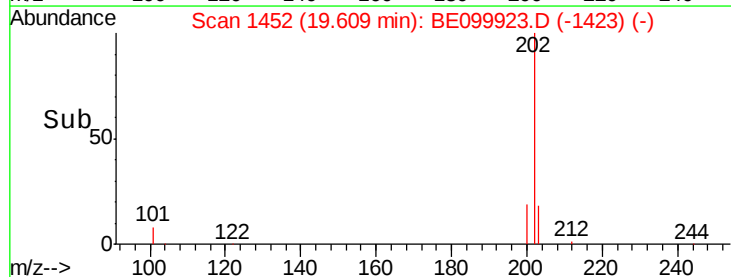
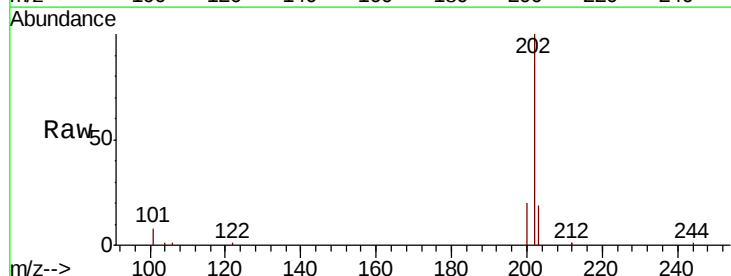
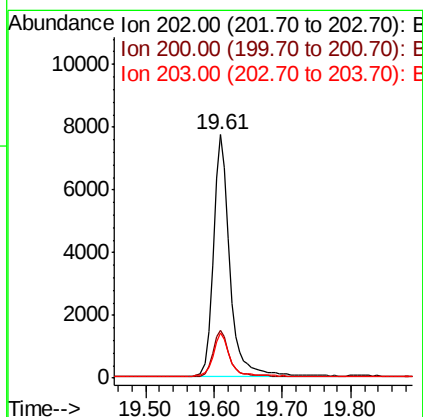
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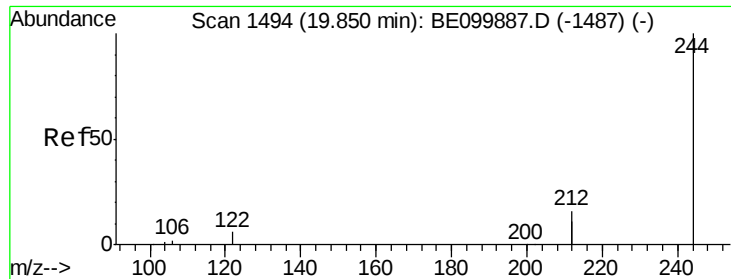
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#28
Pyrene
Concen: 0.403 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.03 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	18.1	14.0	21.0





#29

Terphenyl-d14

Concen: 0.402 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

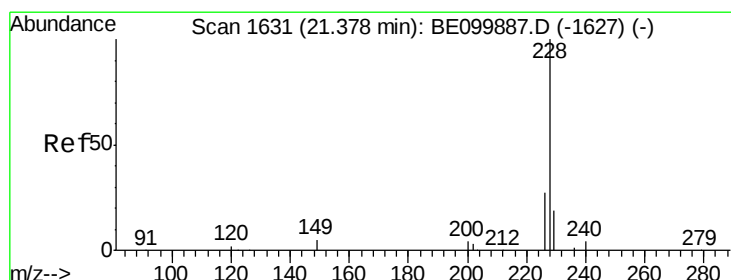
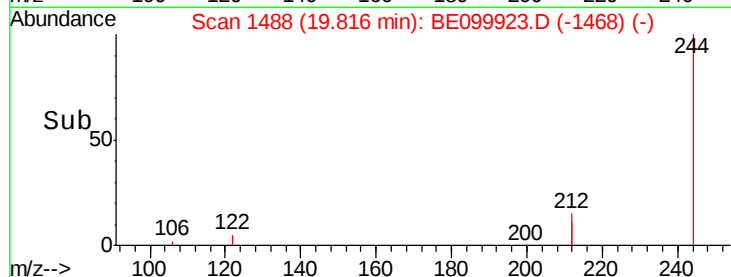
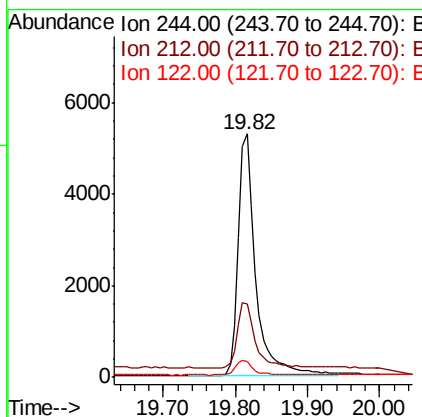
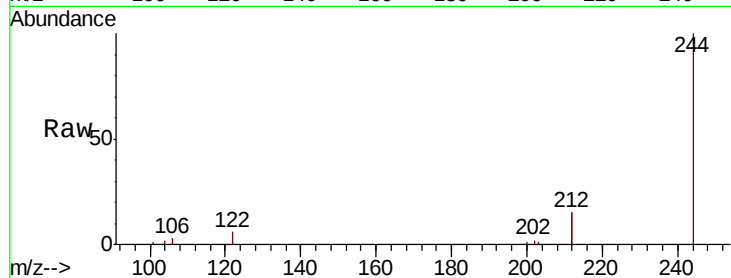
ClientSampleId :

PB120465BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	30.2	25.7	38.5
122	6.4	5.5	8.3

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#30

Benzo(a)anthracene

Concen: 0.400 ng

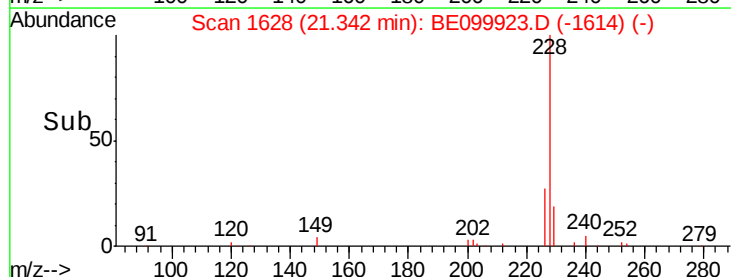
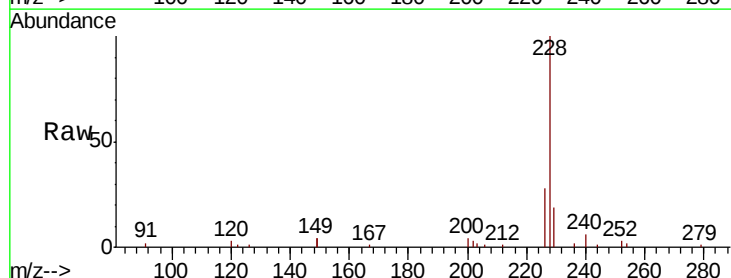
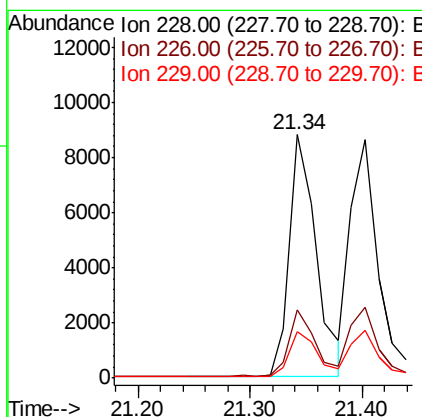
RT: 21.34 min Scan# 1628

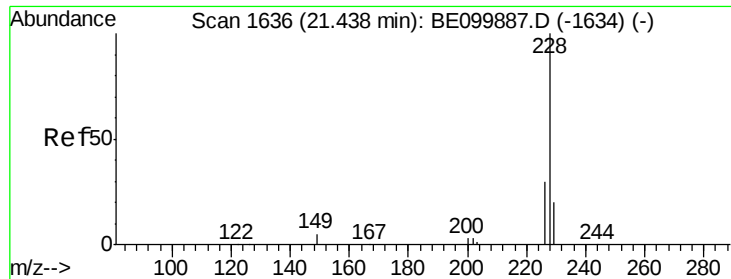
Delta R.T. -0.04 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	19.3	15.9	23.9





#31

Chrysene

Concen: 0.381 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

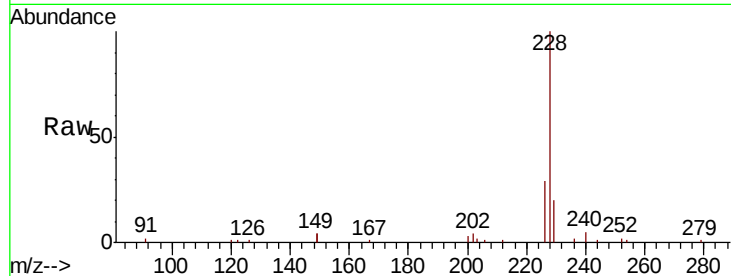
ClientSampleId :

PB120465BSD

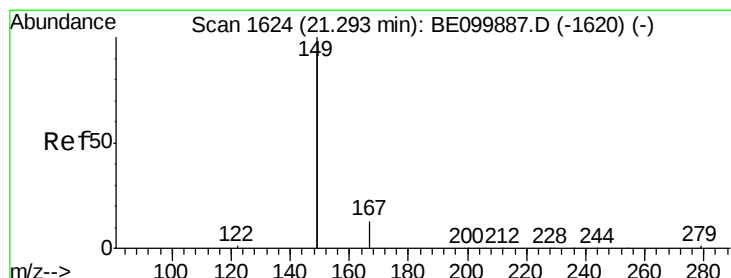
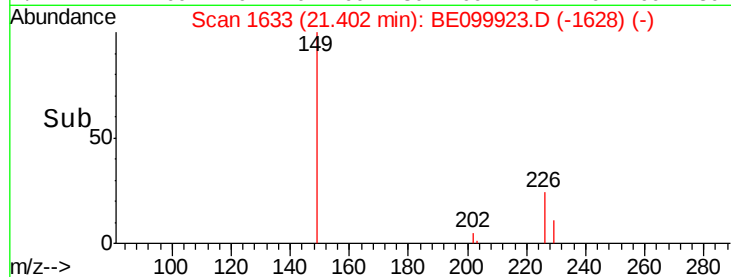
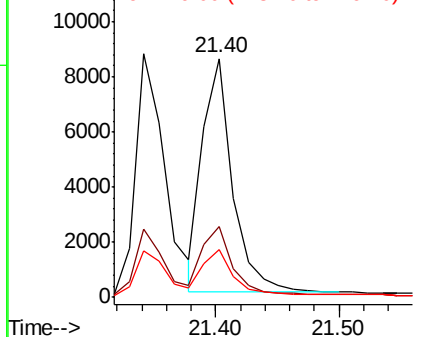
Tot Ion:	228	Resp:	14408
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	20.1	16.1	24.1

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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: 0.378 ng

RT: 21.26 min Scan# 1621

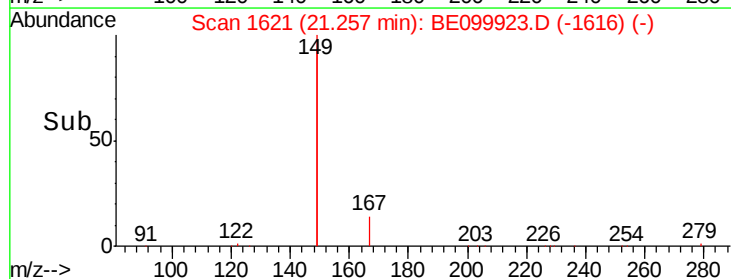
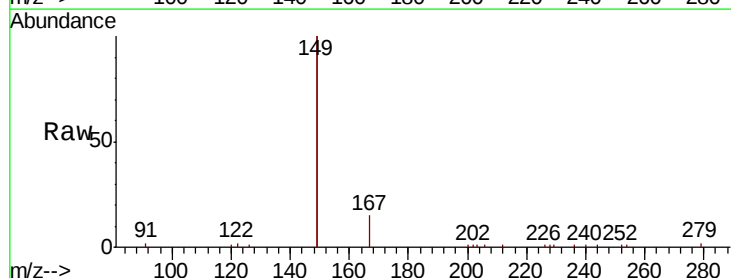
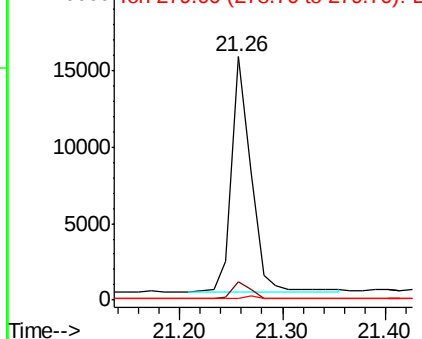
Delta R.T. -0.04 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Tgt Ion:	149	Resp:	19849
Ion	Ratio	Lower	Upper
149	100		
167	7.2	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: 0.378 ng

RT: 26.51 min Scan# 2937

Delta R.T. -0.10 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

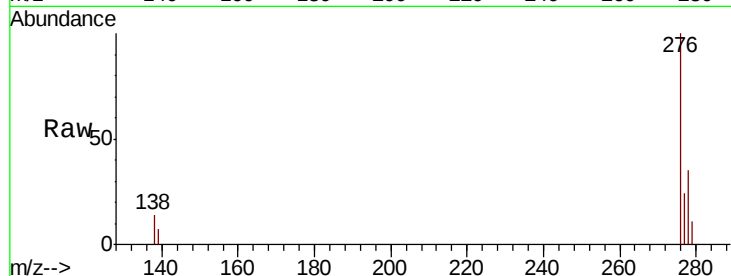
ClientSampleId :

PB120465BSD

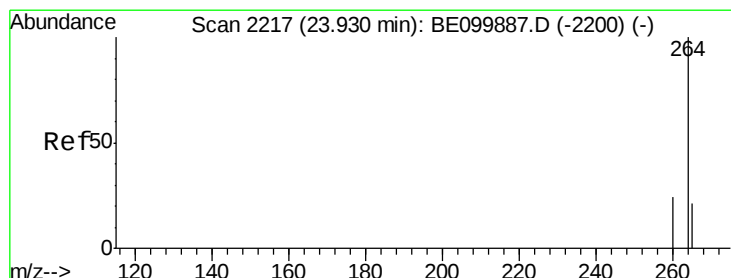
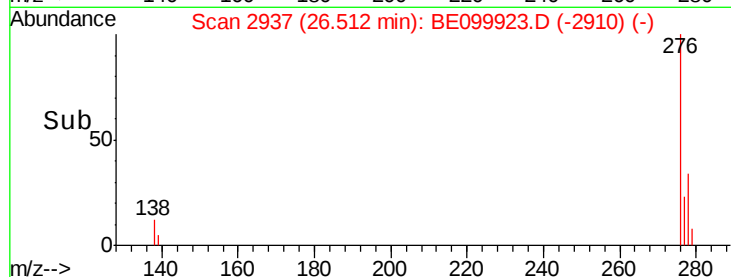
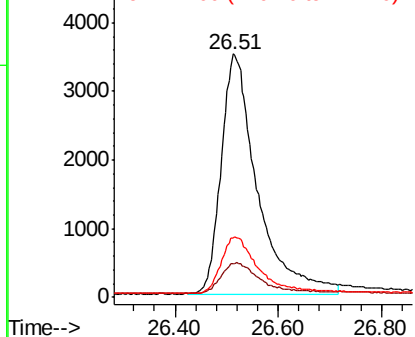
Tot Ion:	276	Resp:	16929
Ion Ratio	Lower	Upper	
276	100		
138	13.7	10.1	15.1
277	23.3	19.1	28.7

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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

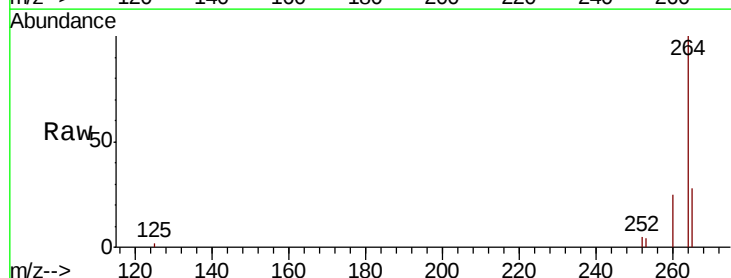
RT: 23.87 min Scan# 2199

Delta R.T. -0.06 min

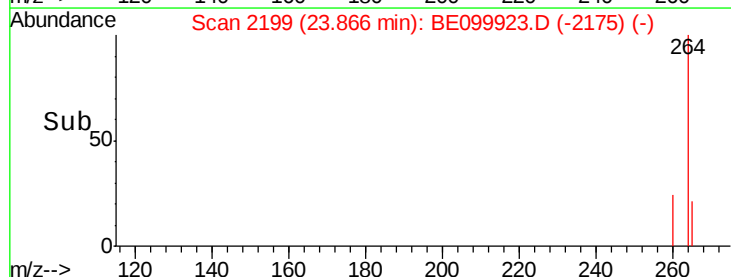
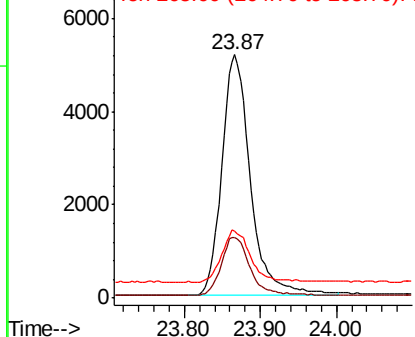
Lab File: BE099923.D

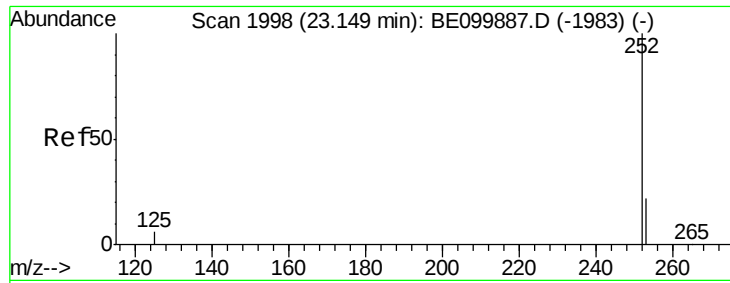
Acq: 11 Jun 2019 14:32

Tgt Ion:	264	Resp:	13553
Ion Ratio	Lower	Upper	
264	100		
260	24.7	20.2	30.2
265	27.7	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





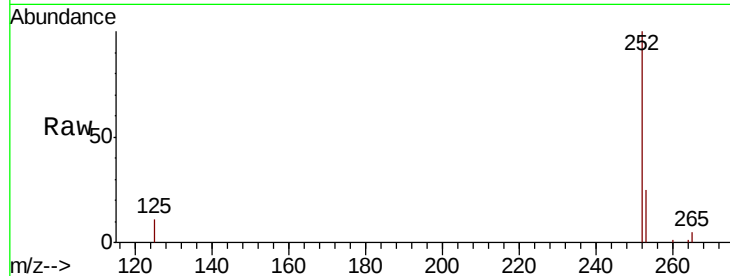
#35
Benzo(b)fluoranthene
Concen: 0.377 ng m
RT: 23.09 min Scan# 1982
Delta R.T. -0.06 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Instrument :
BNA_E
ClientSampleId :
PB120465BSD

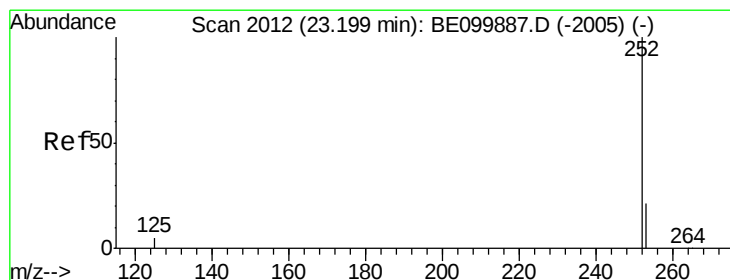
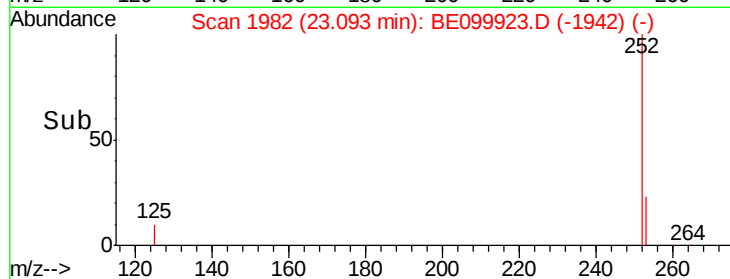
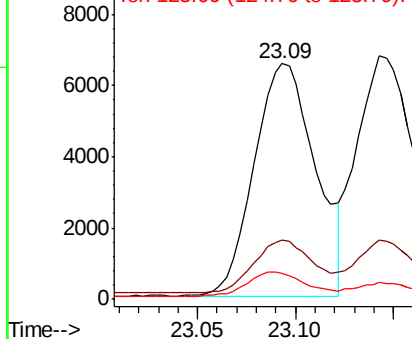
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.7	28.1
125	11.2	5.7	8.5

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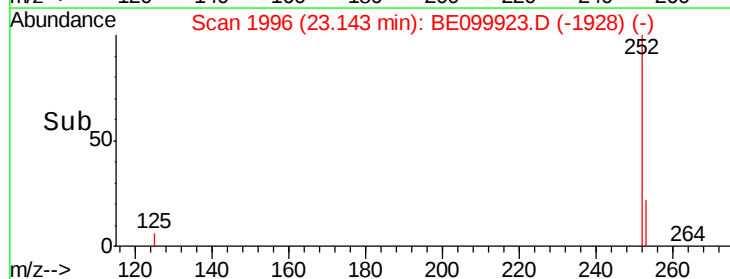
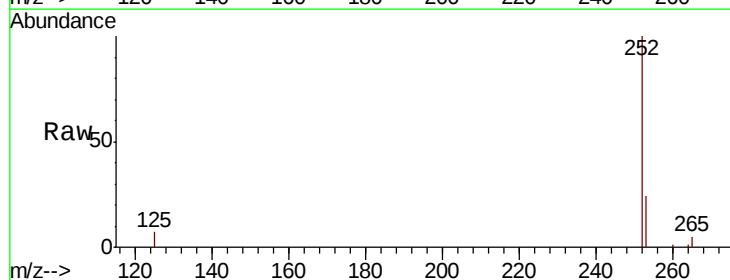
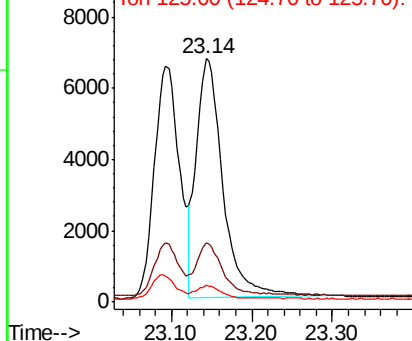
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.06 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.6	28.0
125	7.2	5.4	8.0

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





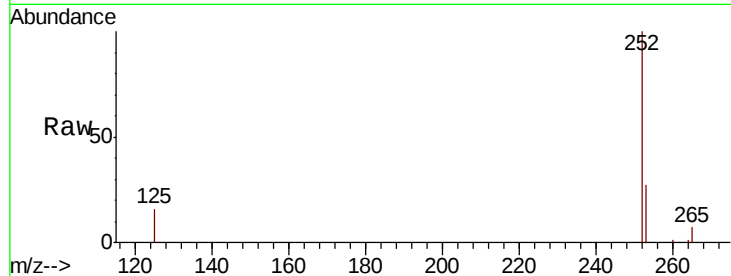
#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.06 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Instrument :
BNA_E
ClientSampleId :
PB120465BSD

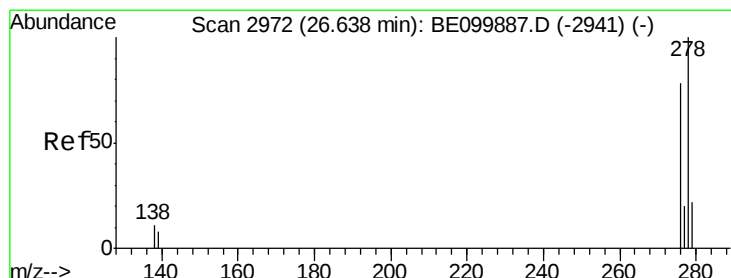
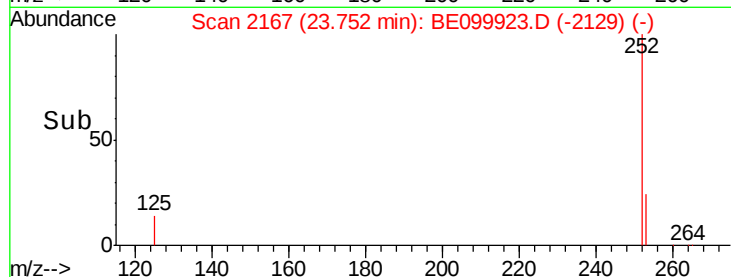
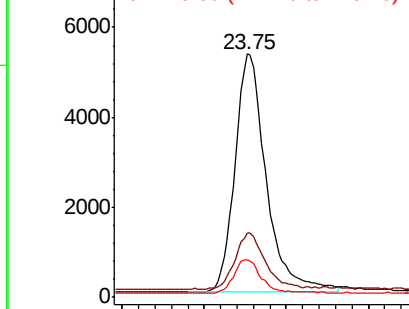
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.6	29.4
125	15.6	6.6	10.0

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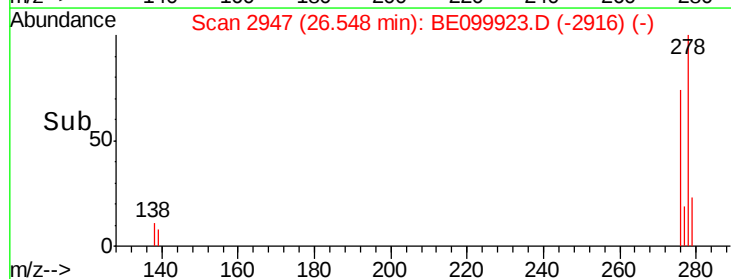
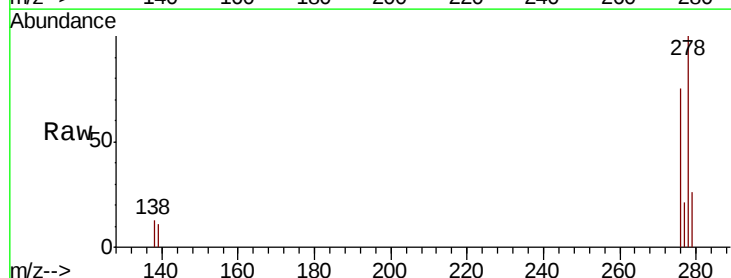
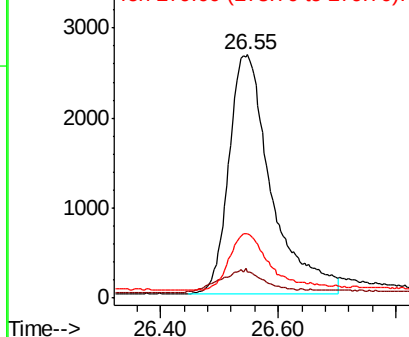
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.351 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.09 min
Lab File: BE099923.D
Acq: 11 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.5	7.8	11.8
279	26.3	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: 0.375 ng

RT: 27.33 min Scan# 3166

Delta R.T. -0.10 min

Lab File: BE099923.D

Acq: 11 Jun 2019 14:32

Instrument :

BNA_E

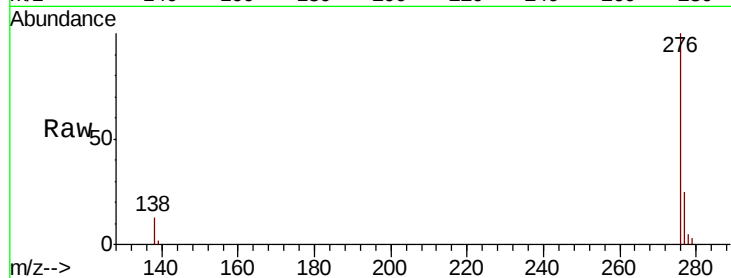
ClientSampleId :

PB120465BSD

Tot Ion:	276	Resp:	14591
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.5	29.3
138	12.8	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

