

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
 Data File : BE099695.D
 Acq On : 21 May 2019 18:43
 Operator : JU/SJ
 Sample : PB119824BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119824BSD

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:42:27 AM

Quant Time: May 22 08:25:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1793	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5913	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3762	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9870	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15941	0.40	ng	0.00
34) Perylene-d12	23.95	264	19142	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1720	0.38	ng	0.01
5) Phenol-d6	6.98	99	2314	0.39	ng	0.00
8) Nitrobenzene-d5	8.98	82	1998	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3742m	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	582	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5611	0.39	ng	0.00
25) Fluoranthene-d10	19.27	212	50218	0.37	ng	0.00
29) Terphenyl-d14	19.86	244	10946	0.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	759	0.286	ng	# 23
3) n-Nitrosodimethylamine	3.64	42	493	0.336	ng	# 87
6) bis(2-Chloroethyl)ether	7.23	93	1891	0.354	ng	98
9) Naphthalene	10.67	128	23641	0.374	ng	100
10) Hexachlorobutadiene	10.94	225	1698	0.365	ng	98
12) 2-Methylnaphthalene	12.30	142	3803	0.369	ng	98
16) Acenaphthylene	14.20	152	6294	0.359	ng	99
17) Acenaphthene	14.54	154	3668	0.373	ng	99
18) Fluorene	15.53	166	4979	0.343	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	2123	0.373	ng	95
21) Hexachlorobenzene	16.53	284	2278	0.391	ng	99
22) Pentachlorophenol	16.93	266	484	0.449	ng	93
23) Phenanthrene	17.27	178	8910	0.369	ng	99
24) Anthracene	17.36	178	7767	0.355	ng	99
26) Fluoranthene	19.29	202	13814	0.362	ng	100
28) Pyrene	19.66	202	14416	0.360	ng	99
30) Benzo(a)anthracene	21.40	228	19575	0.432	ng	99
31) Chrysene	21.45	228	20070	0.414	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	24458	0.469	ng	100
33) Indeno(1,2,3-cd)pyrene	26.64	276	24989	0.427	ng	99
35) Benzo(b)fluoranthene	23.17	252	20520m	0.391	ng	
36) Benzo(k)fluoranthene	23.22	252	21269	0.389	ng	99
37) Benzo(a)pyrene	23.84	252	20164	0.399	ng	# 99
38) Dibenzo(a,h)anthracene	26.67	278	20836	0.393	ng	99
39) Benzo(g,h,i)perylene	27.48	276	21056	0.393	ng	98

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

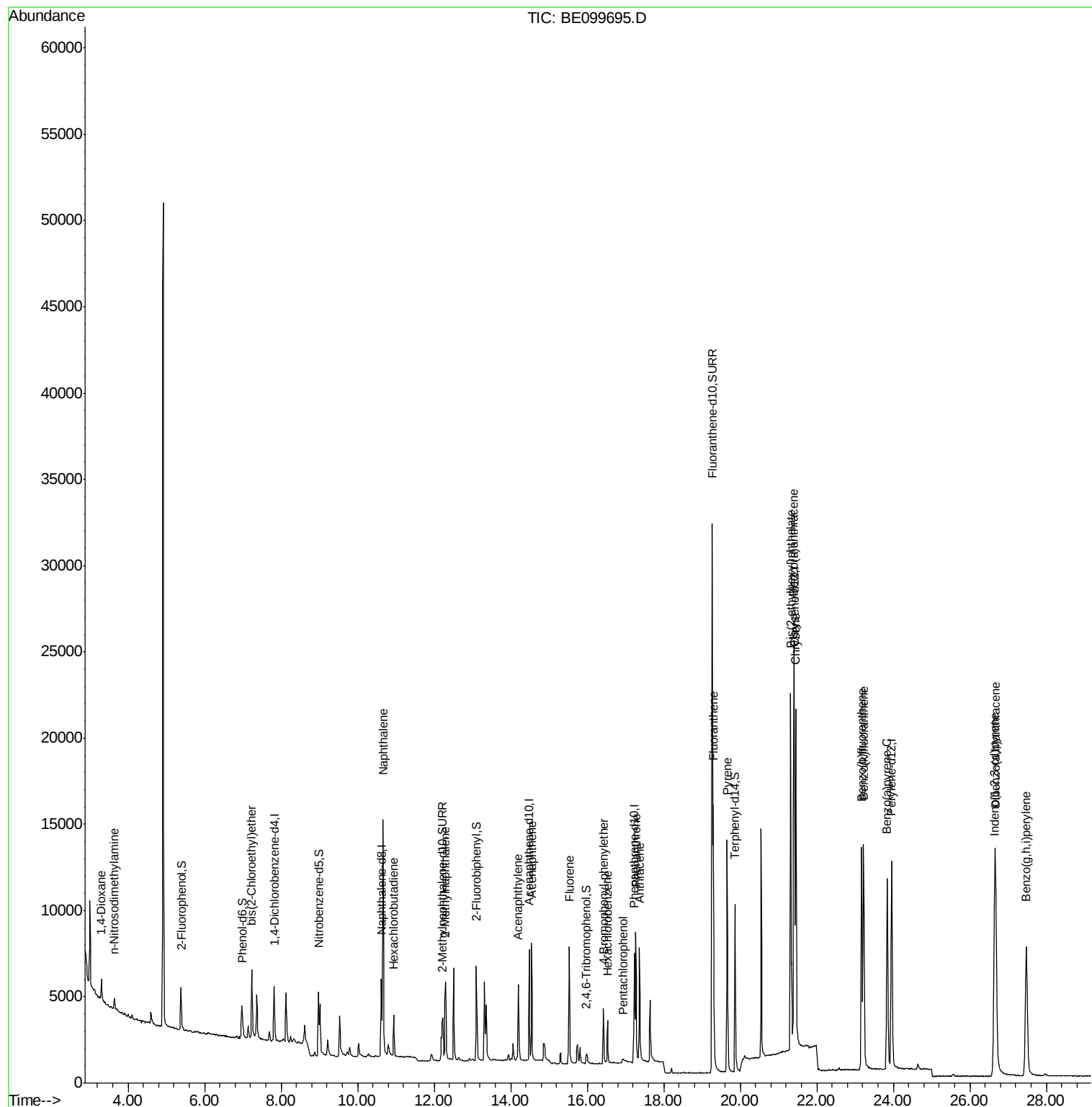
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
Data File : BE099695.D
Acq On : 21 May 2019 18:43
Operator : JU/SJ
Sample : PB119824BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

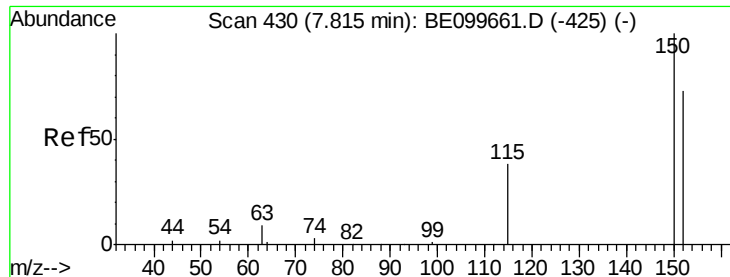
Instrument :
BNA_E
ClientSampleId :
PB119824BSD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

ClientSampleId :

PB119824BSD

Tot Ion:152 Resp: 1793

Ion Ratio Lower Upper

152 100

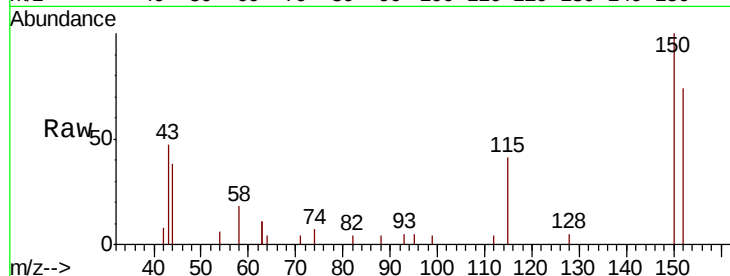
150 135.6 109.2 163.8

115 56.1 43.7 65.5

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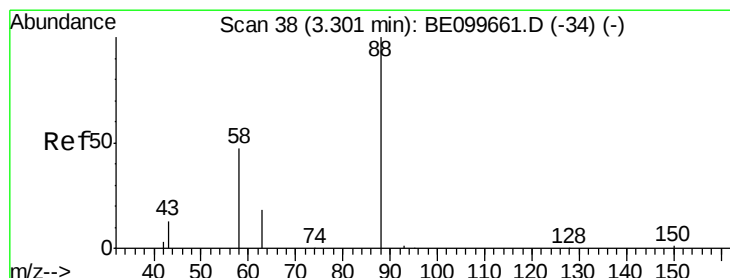
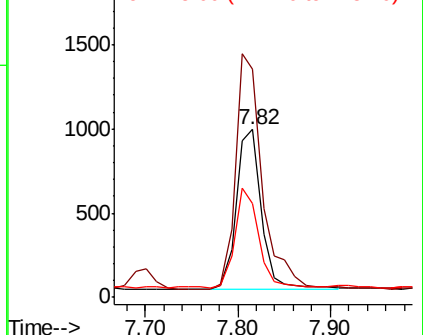
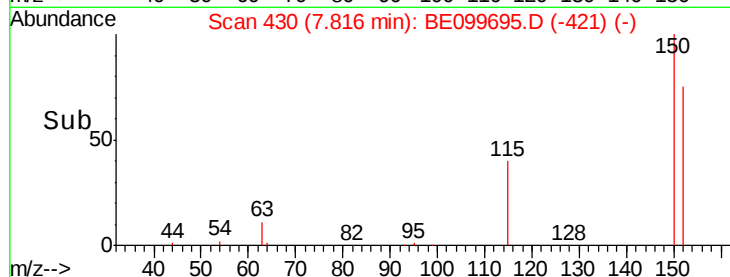


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.286 ng

RT: 3.30 min Scan# 38

Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

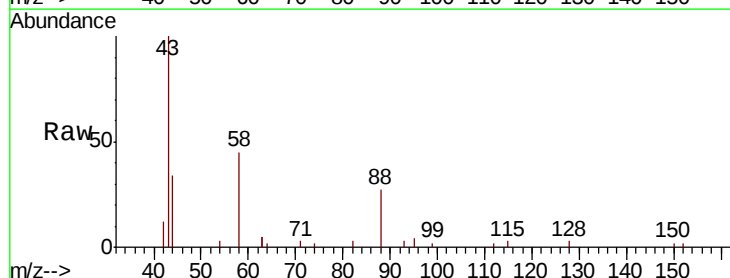
Tgt Ion: 88 Resp: 759

Ion Ratio Lower Upper

88 100

58 79.3 41.8 62.8#

43 101.2 15.0 22.4#

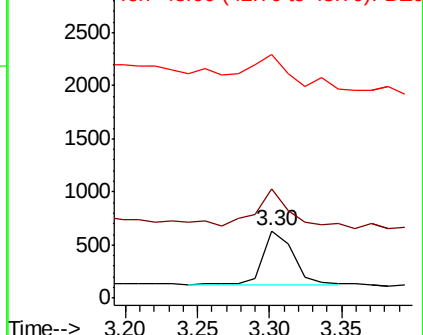
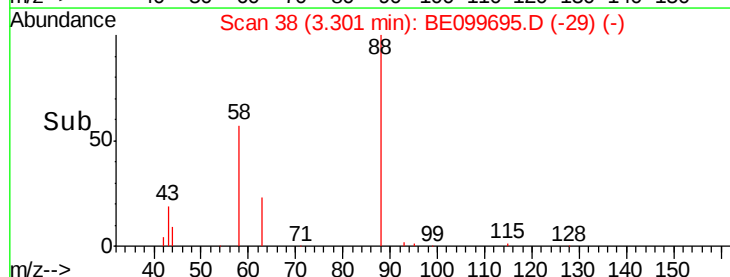


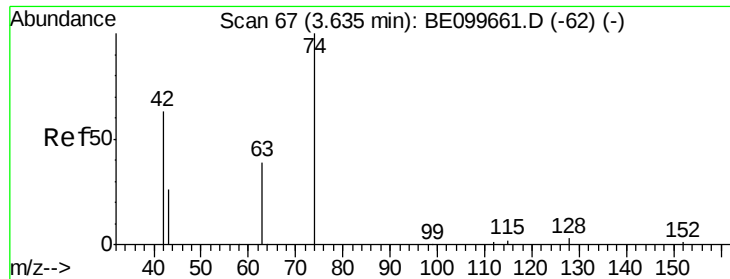
Abundance

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: 0.336 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

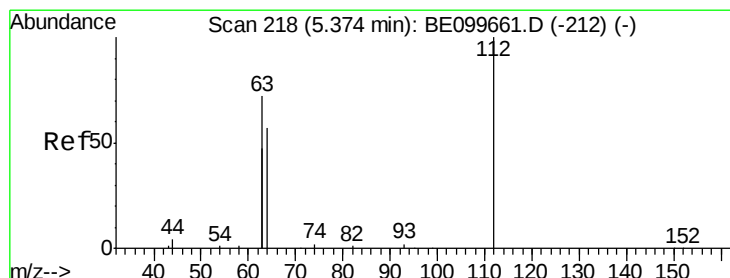
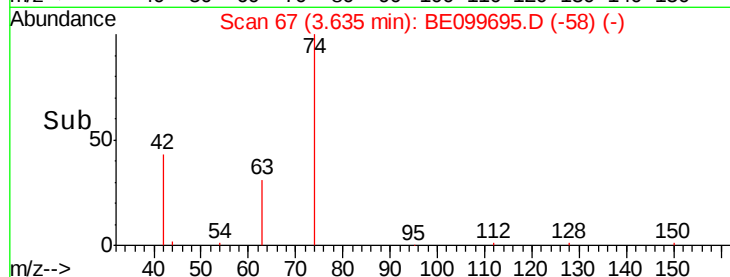
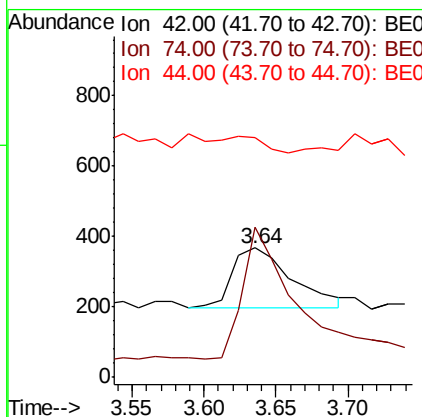
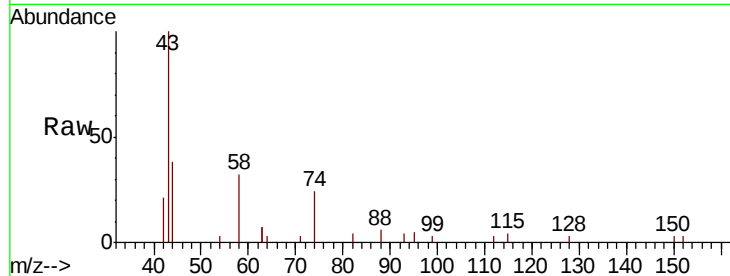
ClientSampleId :

PB119824BSD

Tot Ion:	42	Resp:	493
Ion	Ratio	Lower	Upper
42	100		
74	178.9	129.2	193.8
44	0.0	0.0	0.0

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#4

2-Fluorophenol

Concen: 0.380 ng

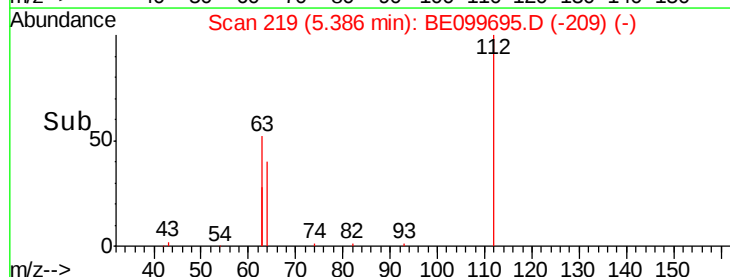
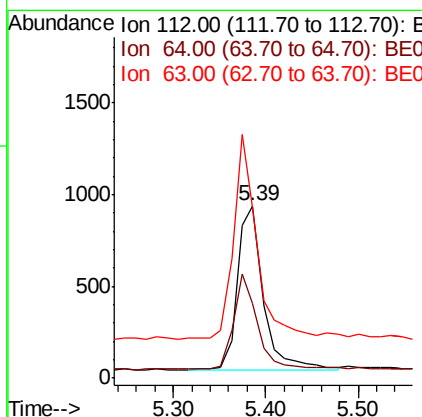
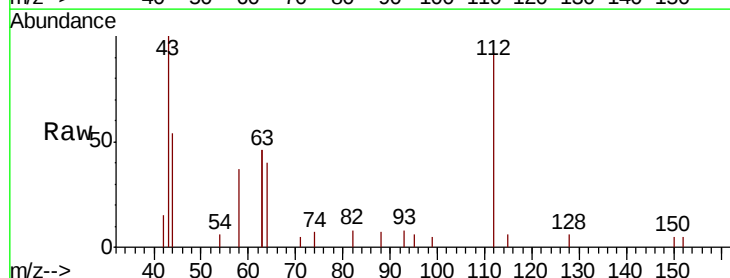
RT: 5.39 min Scan# 219

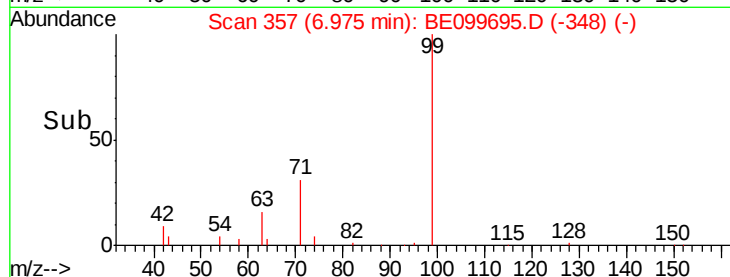
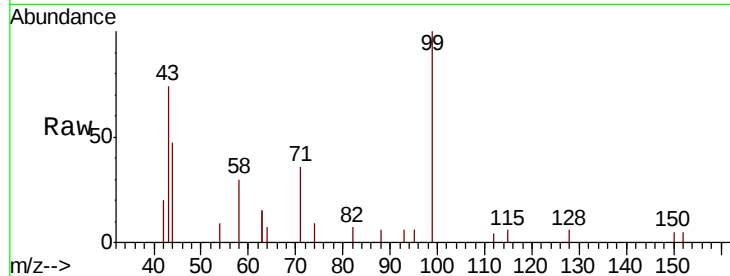
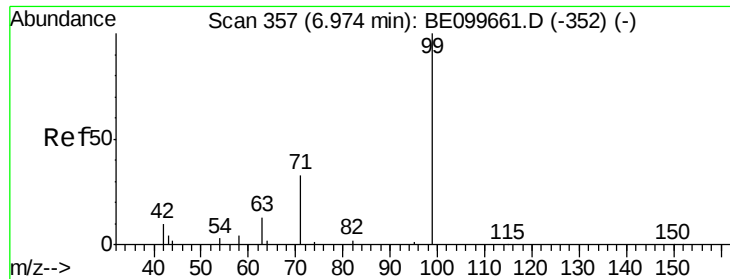
Delta R.T. 0.01 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Tgt Ion:	112	Resp:	1720
Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.4	65.2
63	112.6	96.9	145.3





#5

Phenol-d6

Concen: 0.386 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Tot Ion:	99	Resp:	2314
Ion	Ratio	Lower	Upper
99	100		
42	13.0	12.2	18.2
71	37.1	28.9	43.3

Instrument :

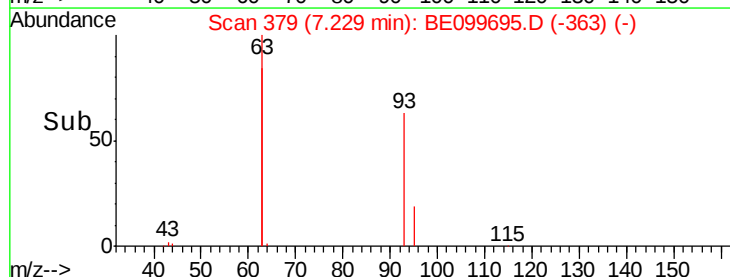
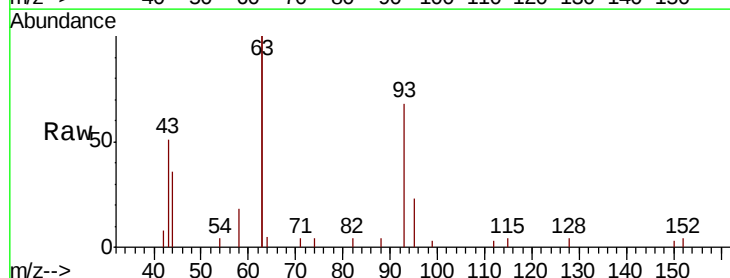
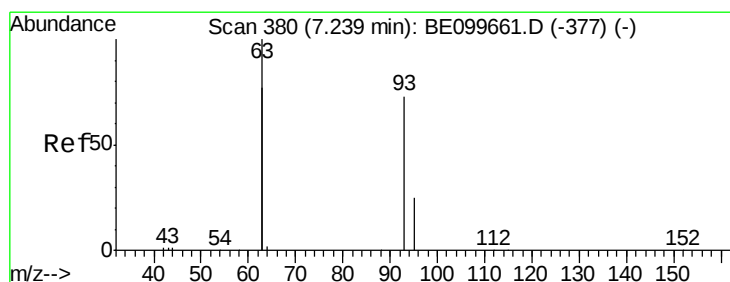
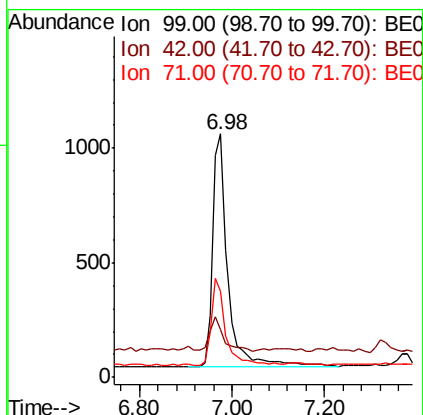
BNA_E

ClientSampled :

PB119824BSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.354 ng

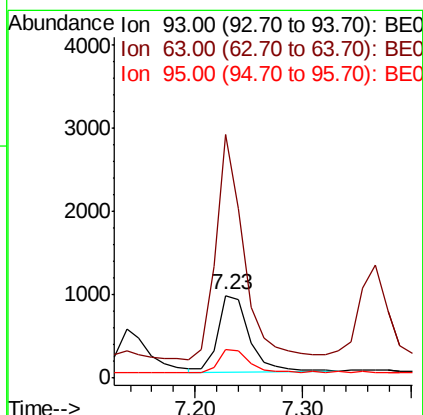
RT: 7.23 min Scan# 379

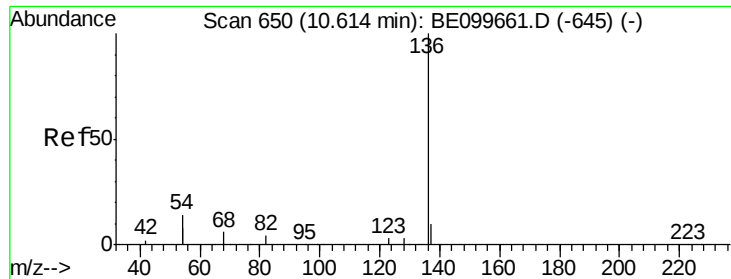
Delta R.T. -0.01 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Tgt Ion:	93	Resp:	1891
Ion	Ratio	Lower	Upper
93	100		
63	256.0	207.8	311.6
95	31.1	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

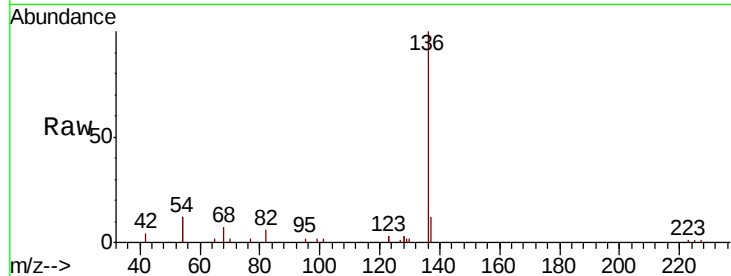
ClientSampleId :

PB119824BSD

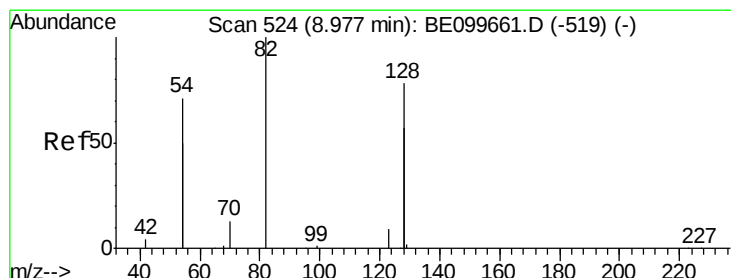
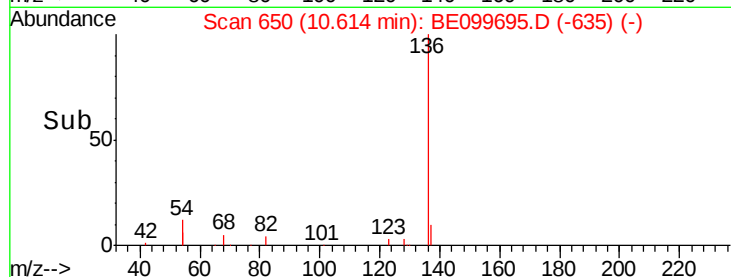
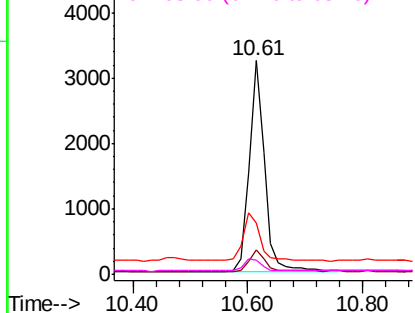
Tot Ion	Ratio	Resp	Lower	Upper
136	100	5913		
137	11.7		9.0	13.6
54	24.0		22.3	33.5
68	6.7		6.0	9.0

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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: 0.390 ng

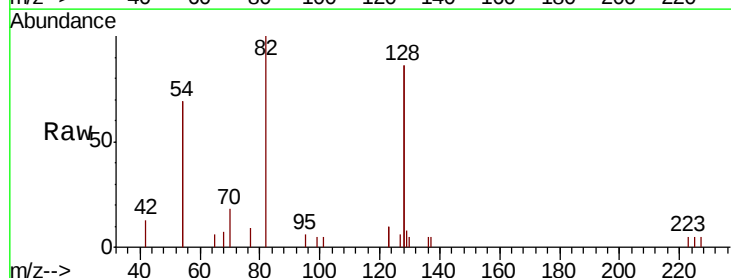
RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

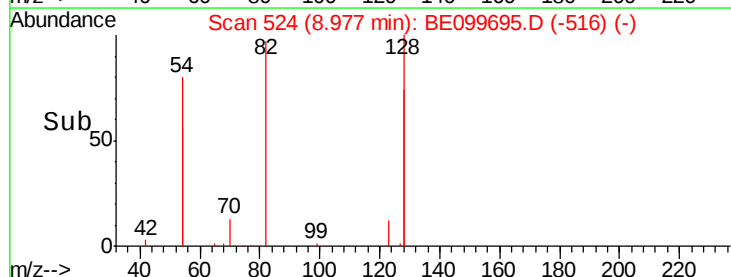
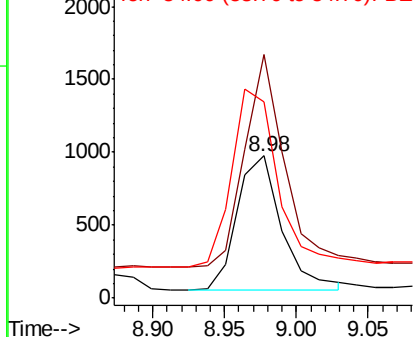
Lab File: BE099695.D

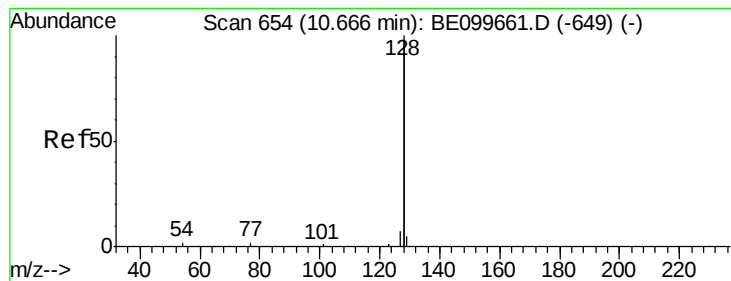
Acq: 21 May 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1998		
128	171.5		117.7	176.5
54	138.0		106.6	160.0



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: 0.374 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

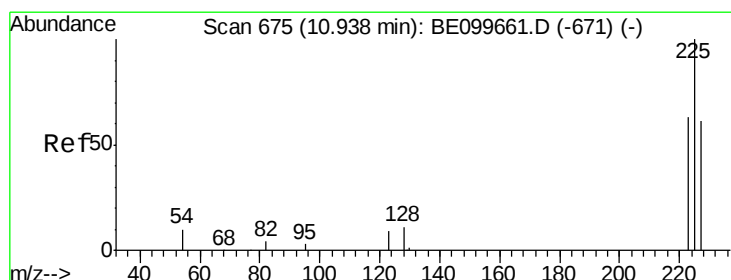
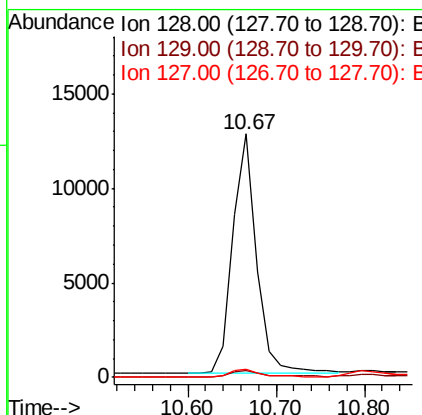
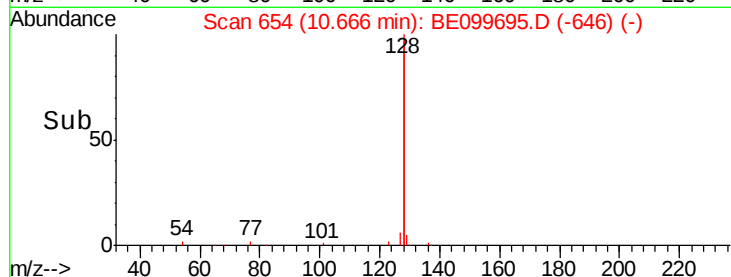
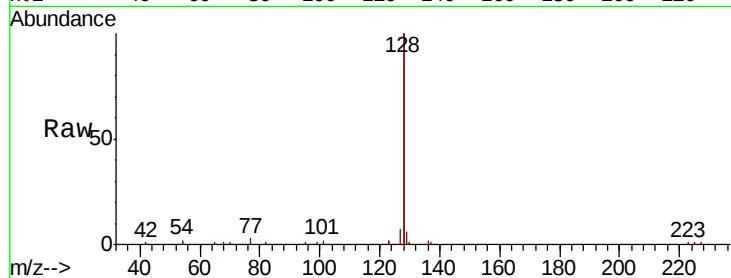
ClientSampleId :

PB119824BSD

Tot Ion:	128	Resp:	23641
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.4	3.6
127	3.6	2.9	4.3

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#10

Hexachlorobutadiene

Concen: 0.365 ng

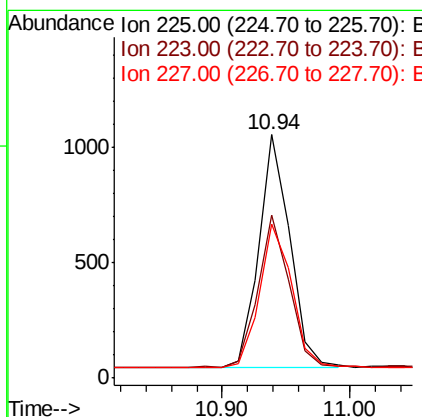
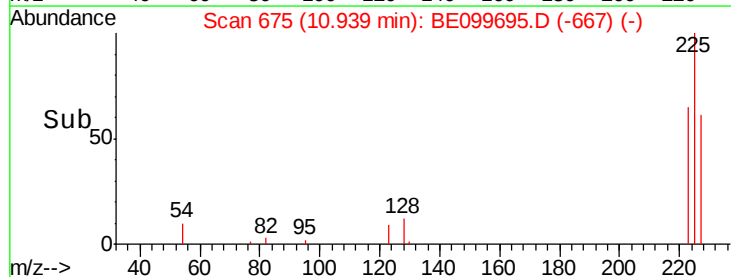
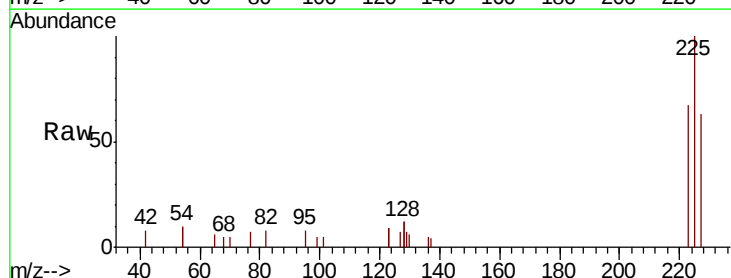
RT: 10.94 min Scan# 675

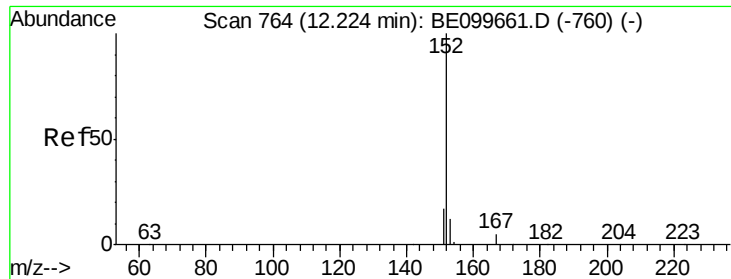
Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Tgt Ion:	225	Resp:	1698
Ion Ratio	Lower	Upper	
225	100		
223	65.9	51.8	77.6
227	64.5	52.6	79.0





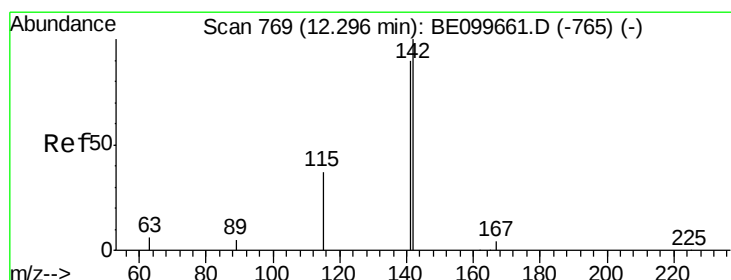
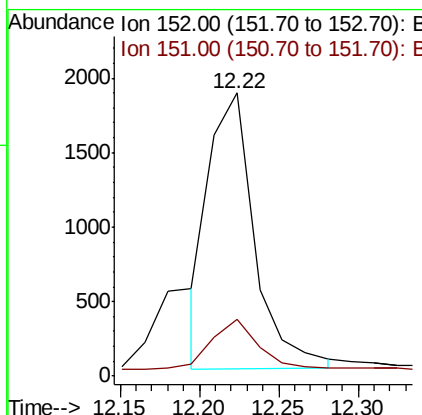
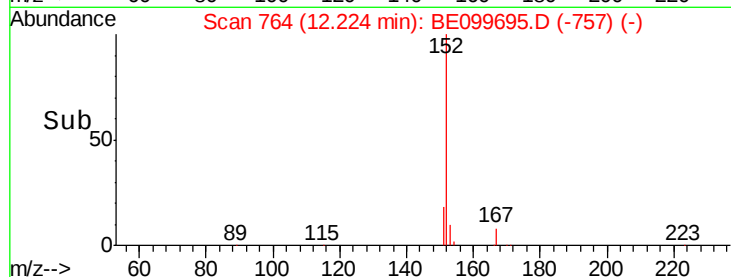
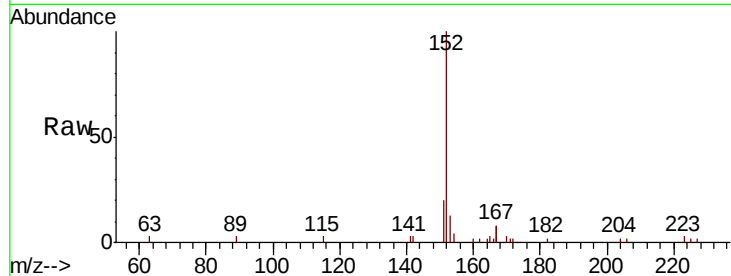
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng m
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Instrument :
BNA_E
ClientSampleId :
PB119824BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.4

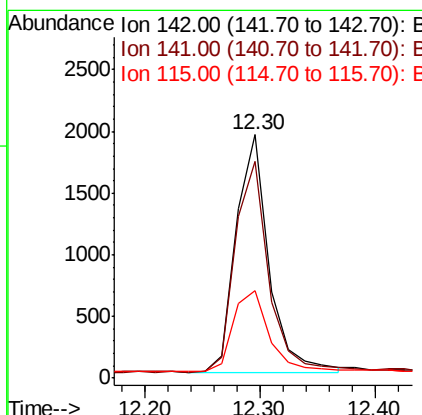
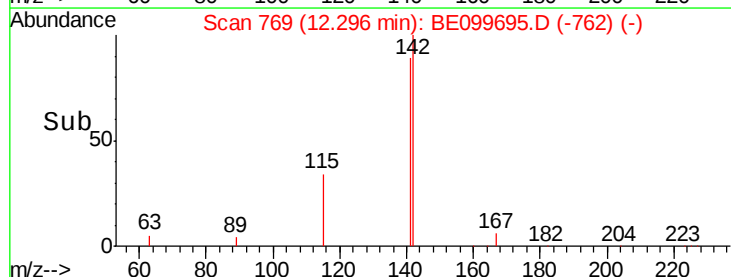
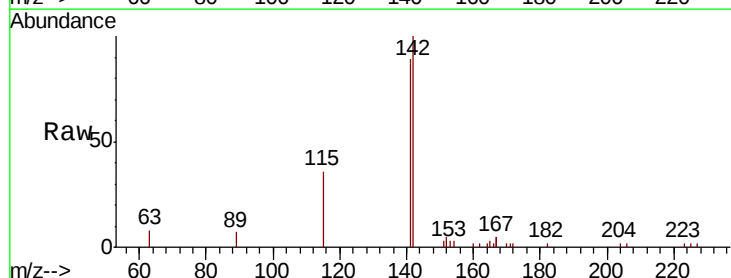
Manual Integrations
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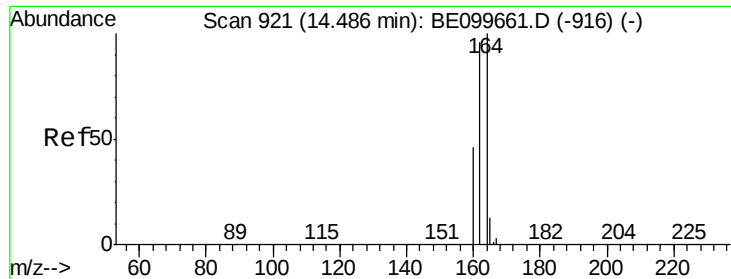
mohammad
5/23/2019 8:42:27 AM



#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.0	108.0
115	36.0	31.0	46.4





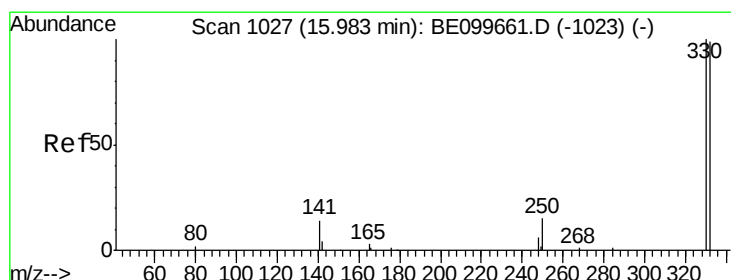
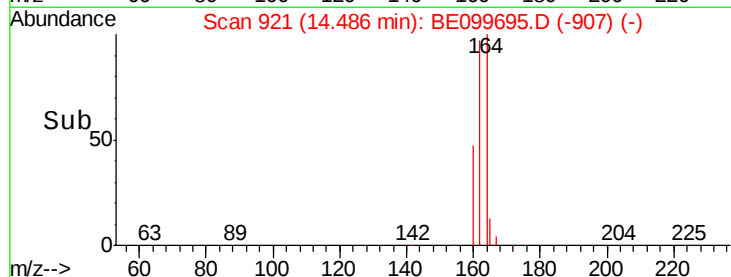
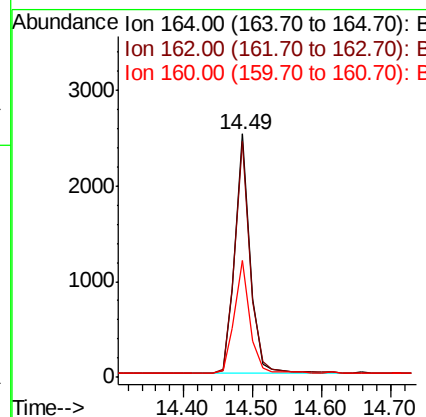
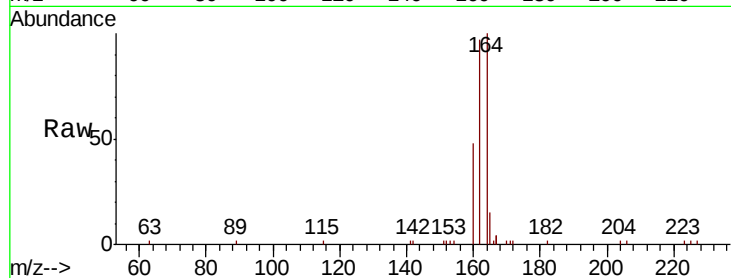
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Instrument :
BNA_E
ClientSampleId :
PB119824BSD

Tot Ion:164 Resp: 3762
Ion Ratio Lower Upper
164 100
162 96.7 76.5 114.7
160 47.9 37.4 56.2

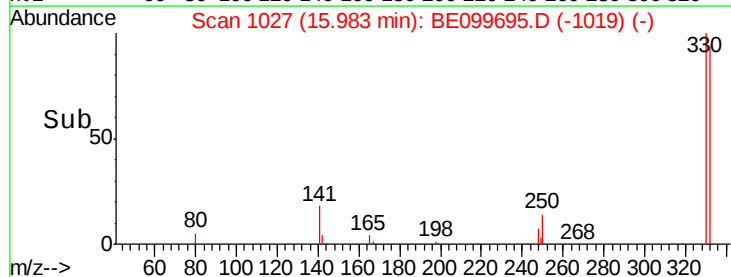
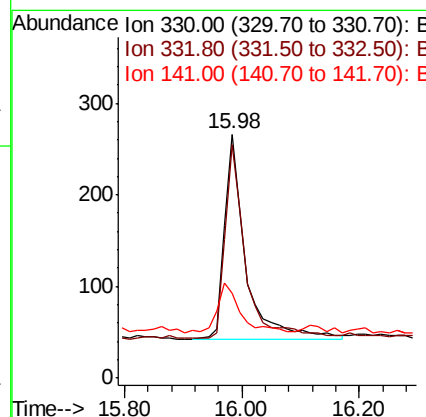
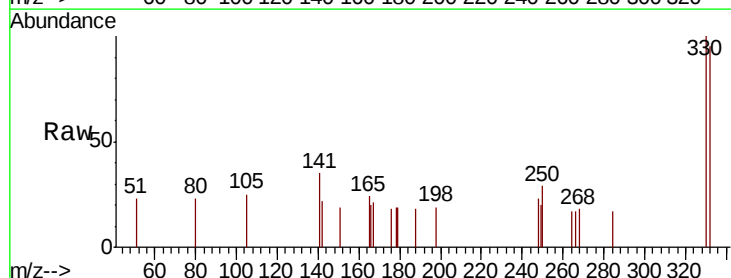
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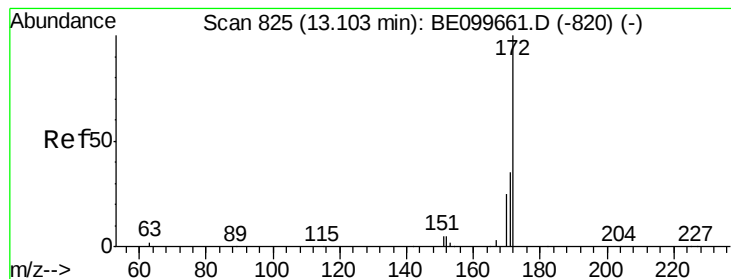
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Tgt Ion:330 Resp: 582
Ion Ratio Lower Upper
330 100
332 88.0 77.3 115.9
141 24.6 18.9 28.3





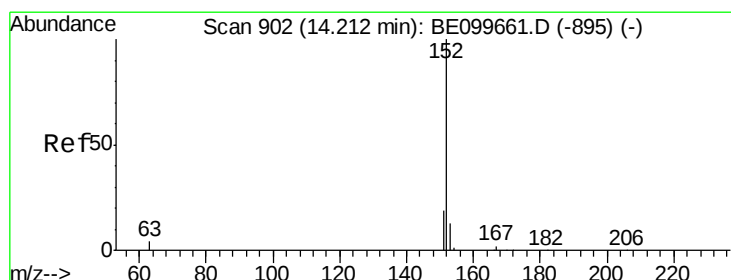
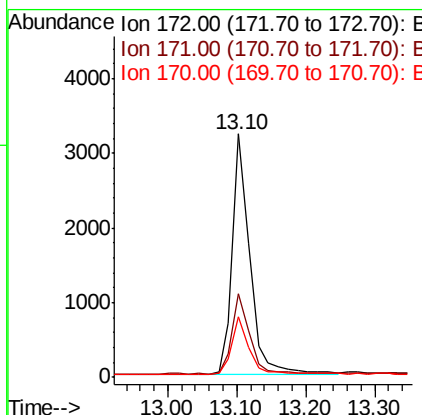
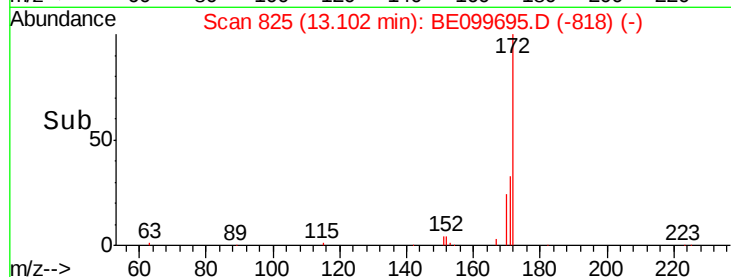
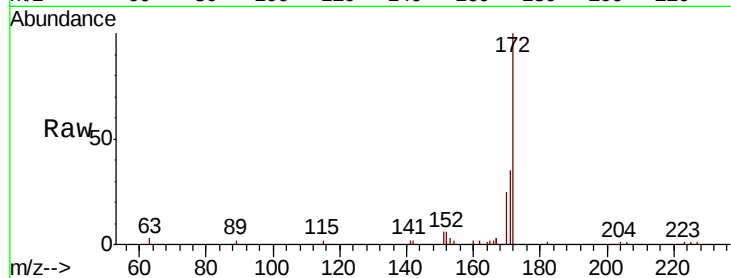
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Instrument :
BNA_E
ClientSampleId :
PB119824BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	24.7	20.9	31.3

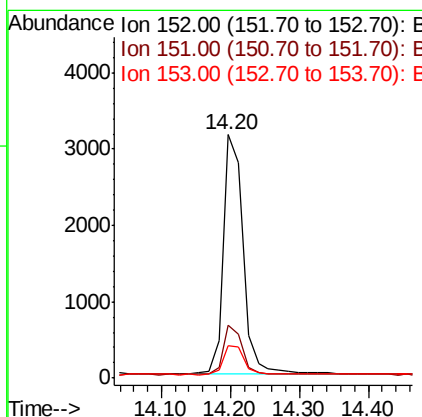
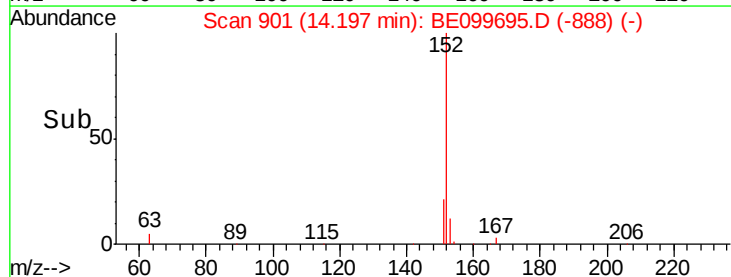
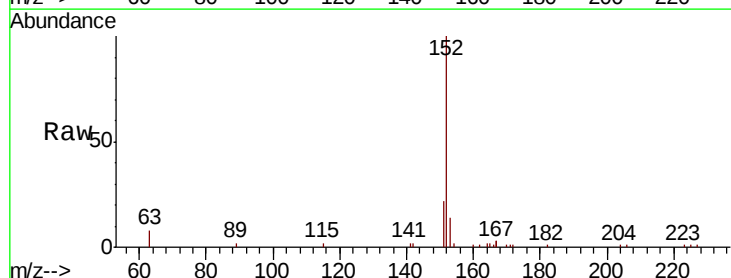
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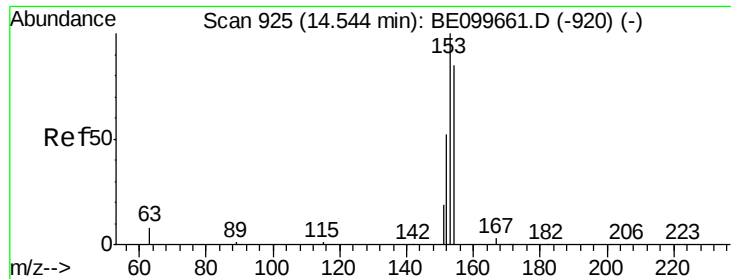
mohammad
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#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.9	10.6	16.0





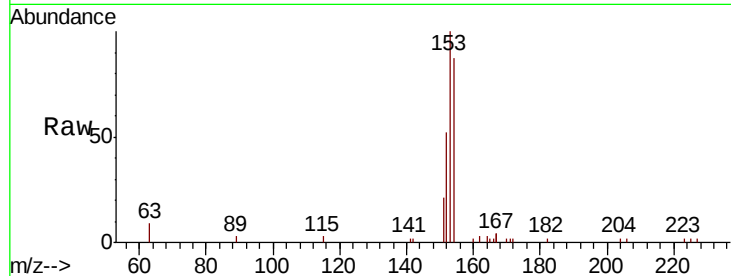
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Instrument :
BNA_E
ClientSampleId :
PB119824BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.8	137.6
152	56.9	46.0	69.0

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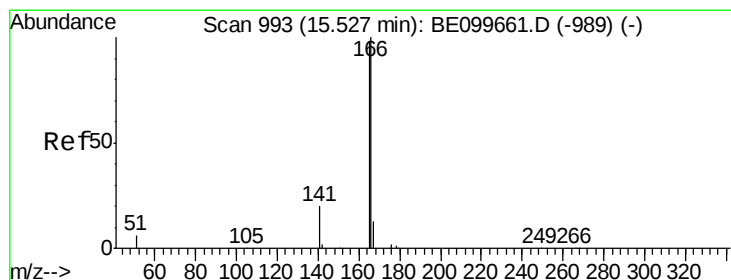
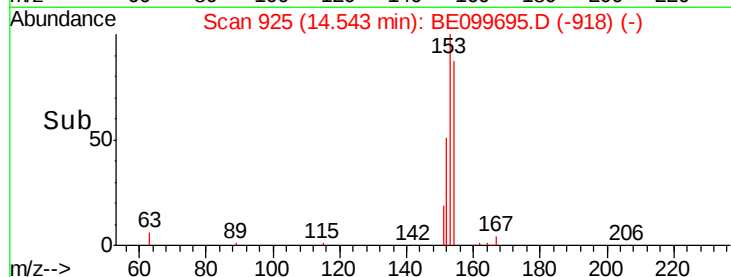
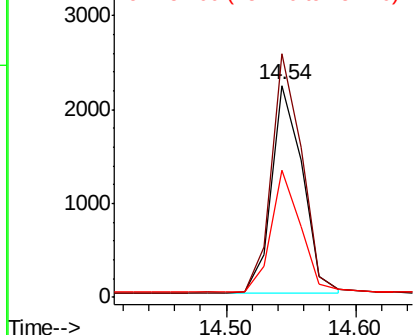


Abundance

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: 0.343 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

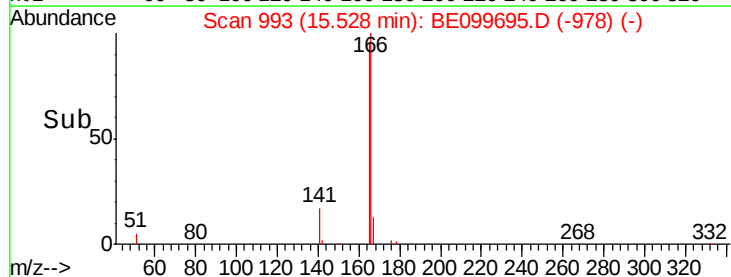
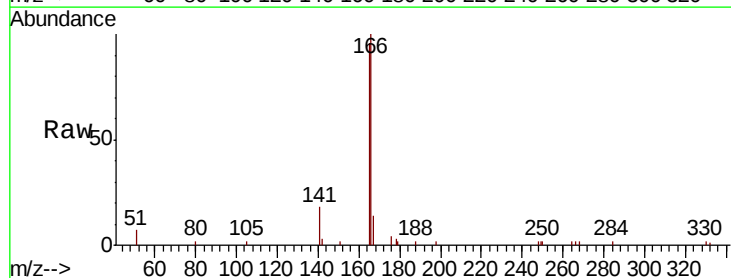
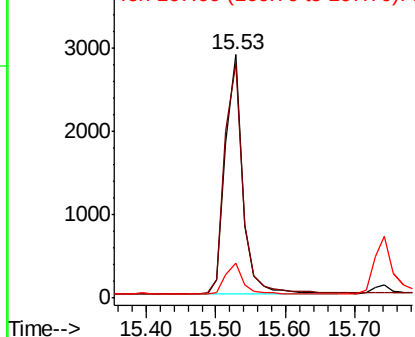
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.3	120.5
167	13.1	10.6	16.0

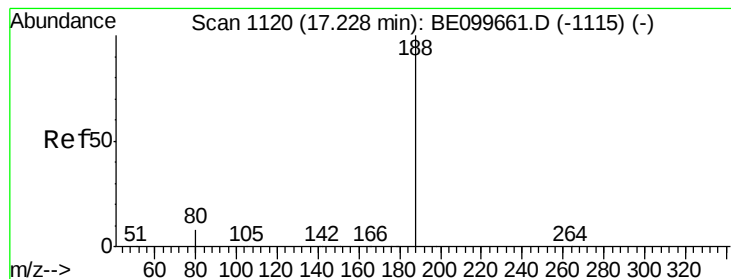
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

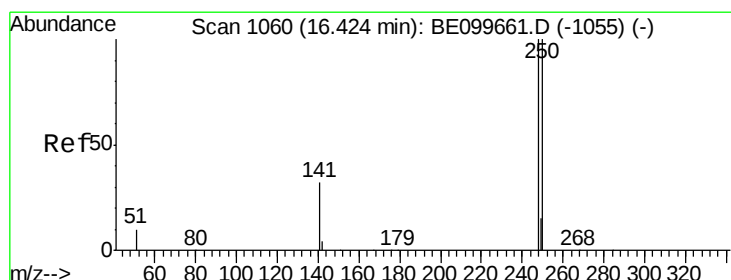
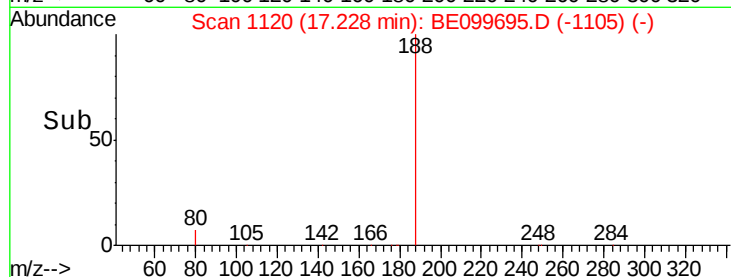
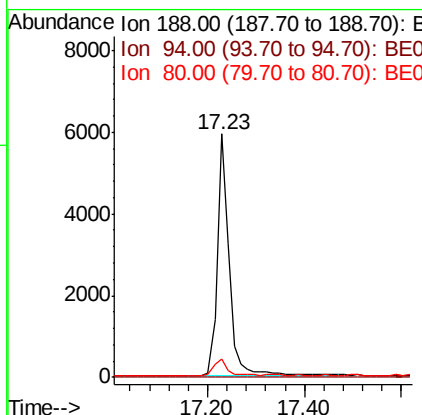
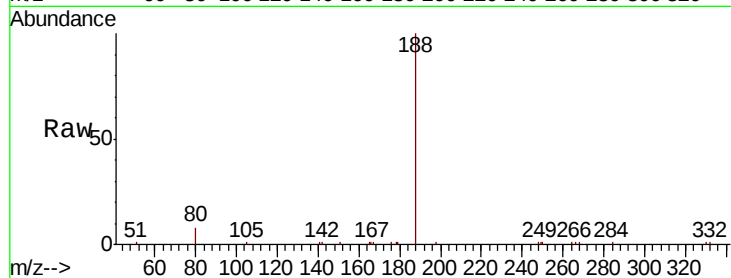
ClientSampleId :

PB119824BSD

Tot Ion:	188	Resp:	9870
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.6	6.7	10.1

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#20

4-Bromophenyl-phenylether

Concen: 0.373 ng

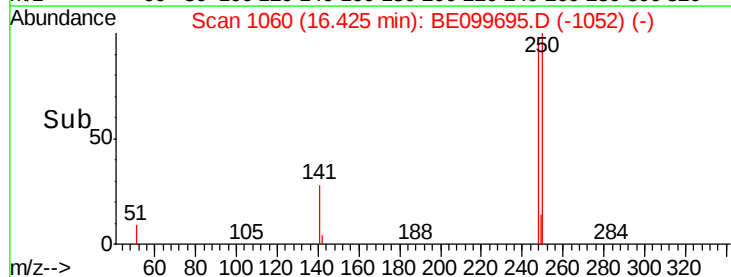
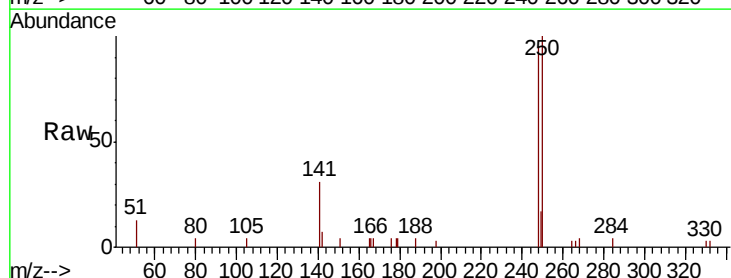
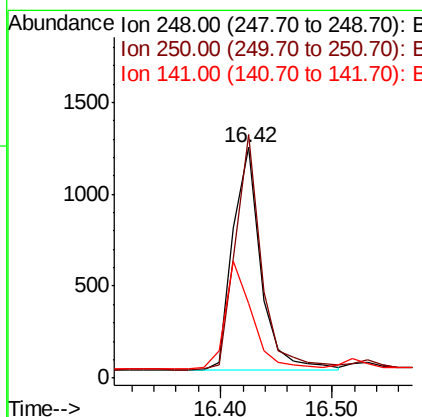
RT: 16.42 min Scan# 1060

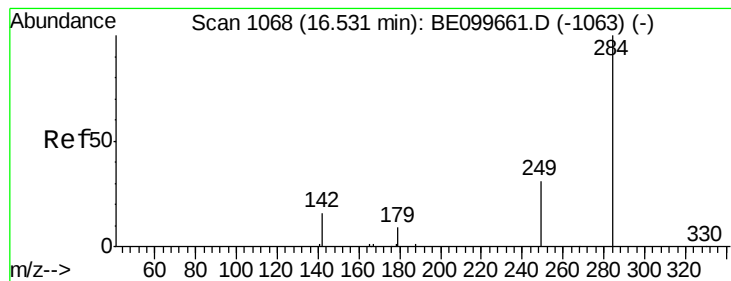
Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Tgt Ion:	248	Resp:	2123
Ion Ratio	Lower	Upper	
248	100		
250	105.6	79.8	119.8
141	32.6	27.0	40.6





#21

Hexachlorobenzene

Concen: 0.391 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

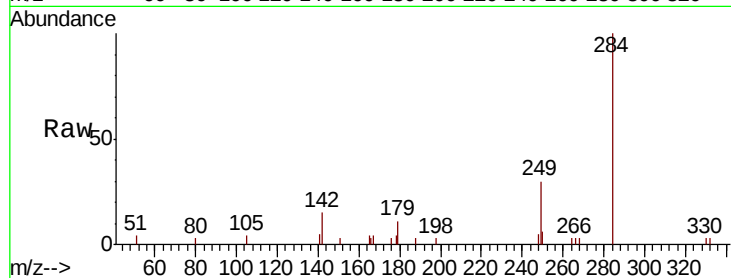
ClientSampleId :

PB119824BSD

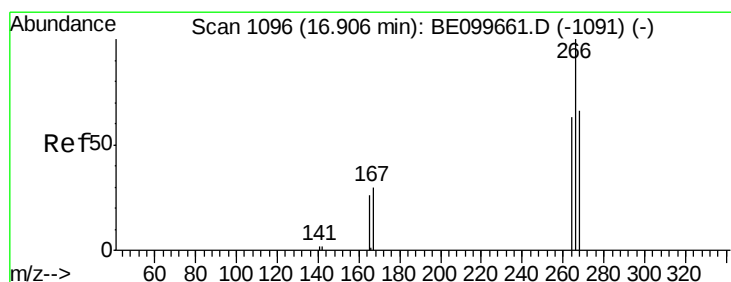
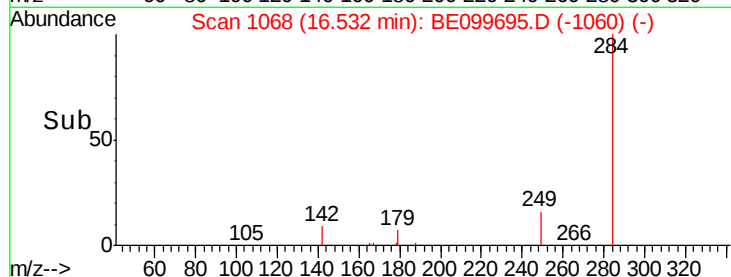
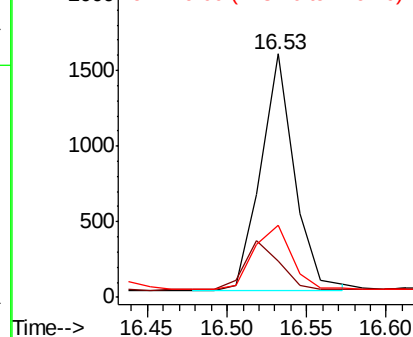
Tot Ion:	284	Resp:	2278
Ion Ratio	Lower	Upper	
284	100		
142	21.8	17.8	26.6
249	30.4	24.8	37.2

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



#22

Pentachlorophenol

Concen: 0.449 ng

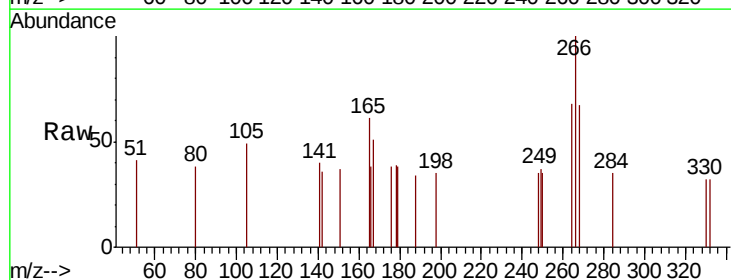
RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

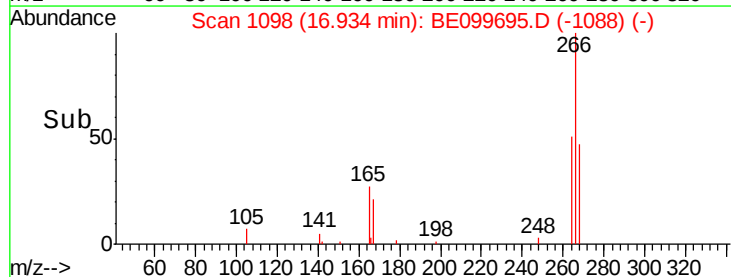
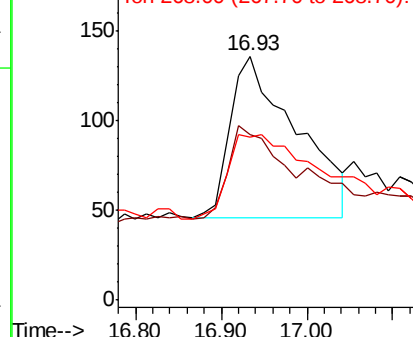
Lab File: BE099695.D

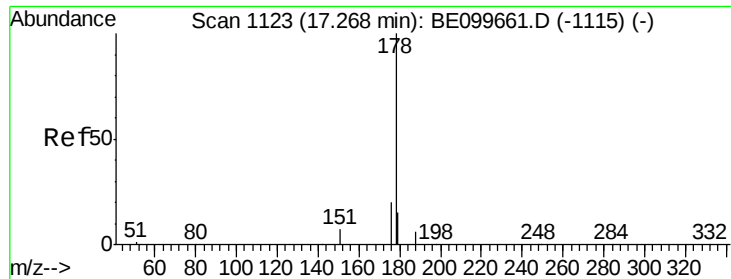
Acq: 21 May 2019 18:43

Tgt Ion:	266	Resp:	484
Ion Ratio	Lower	Upper	
266	100		
264	67.6	57.2	85.8
268	66.9	60.5	90.7



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





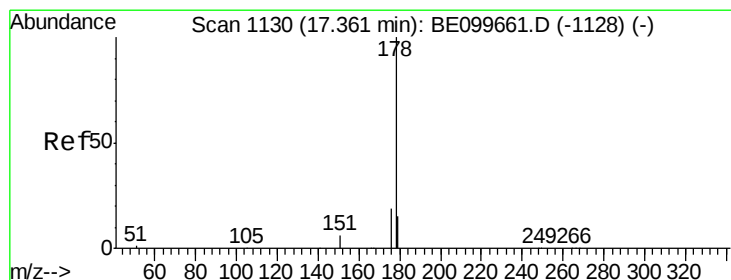
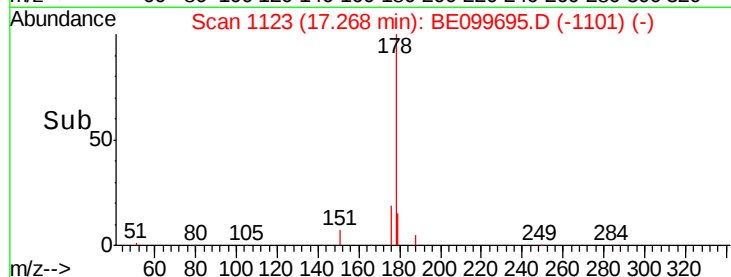
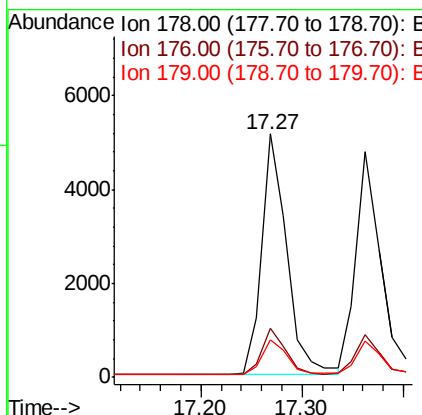
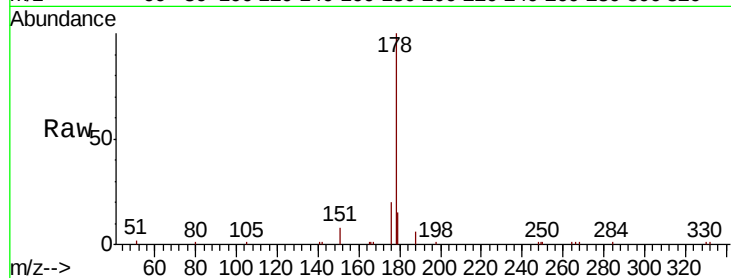
#23
Phenanthrene
Concen: 0.369 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Instrument :
BNA_E
ClientSampleId :
PB119824BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	15.2	12.2	18.4

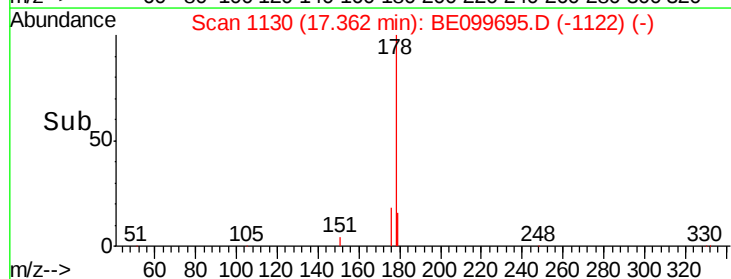
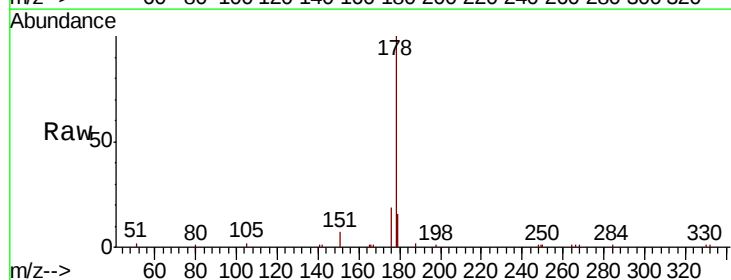
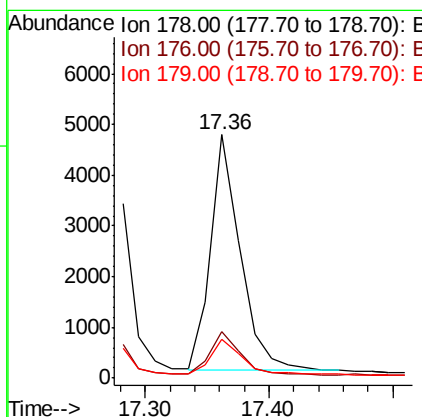
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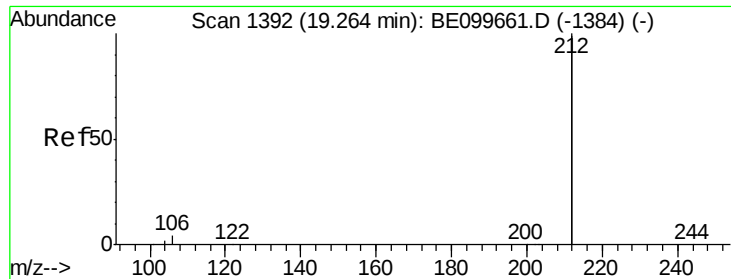
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#24
Anthracene
Concen: 0.355 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.3	12.0	18.0





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

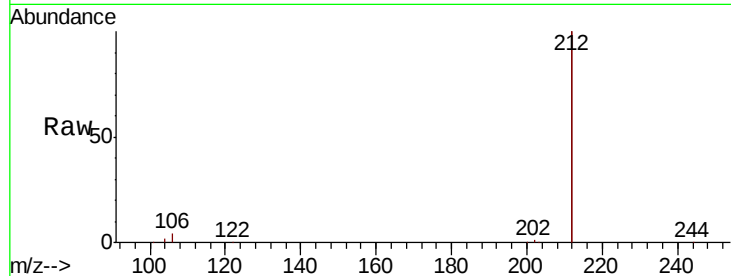
ClientSampleId :

PB119824BSD

Tot Ion:	212	Resp:	50218
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.0	0.8	1.2

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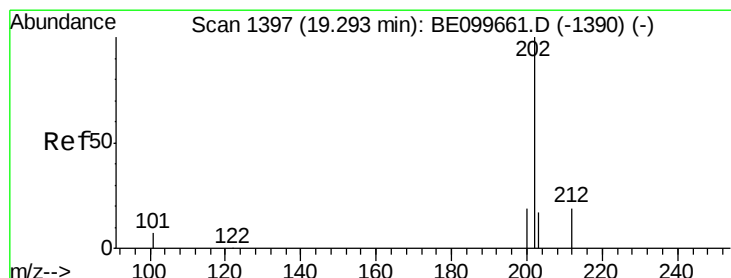
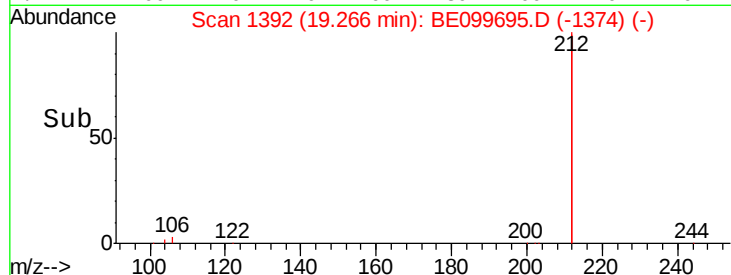
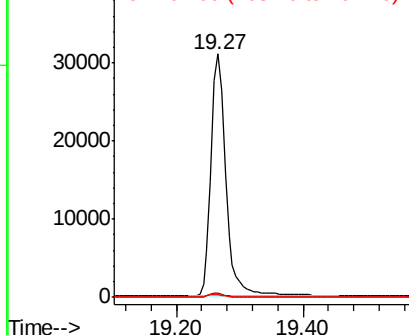


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.362 ng

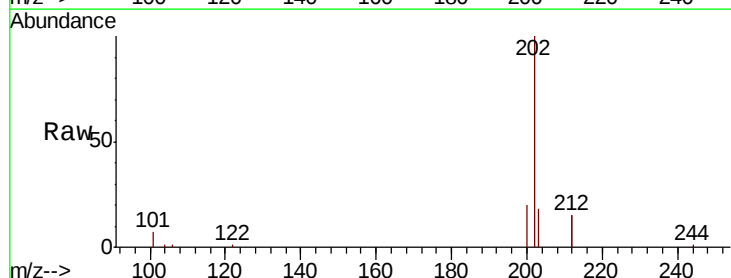
RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Tgt Ion:	202	Resp:	13814
Ion Ratio	Lower	Upper	
202	100		
101	6.6	5.2	7.8
203	17.1	13.8	20.6

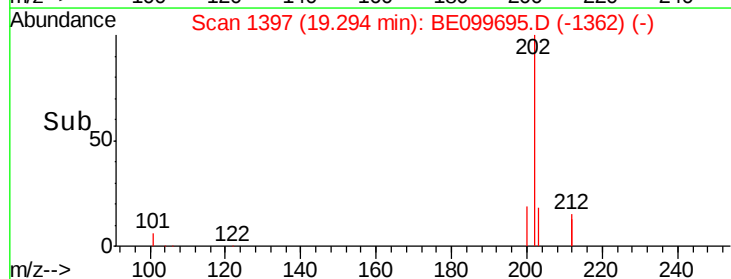
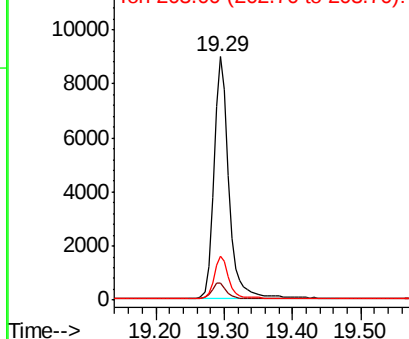


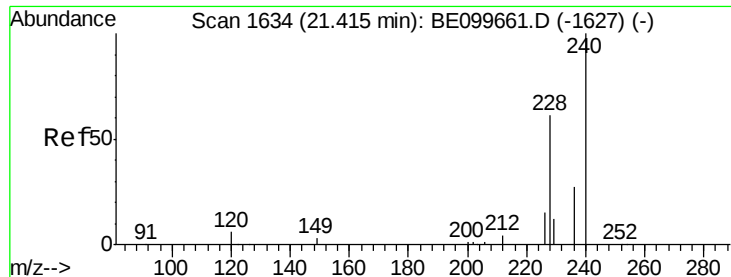
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





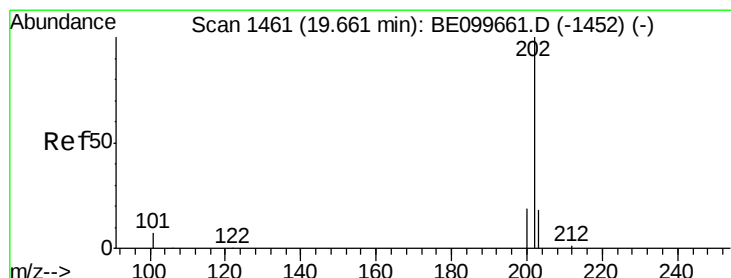
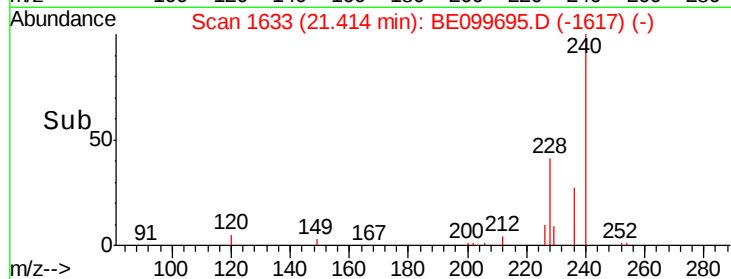
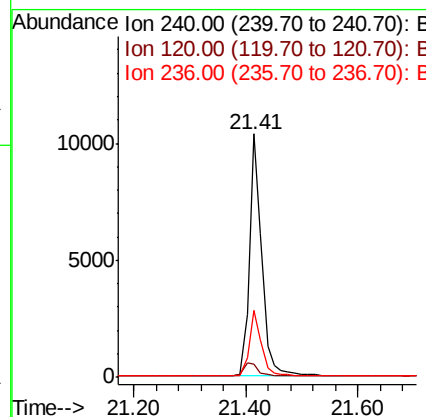
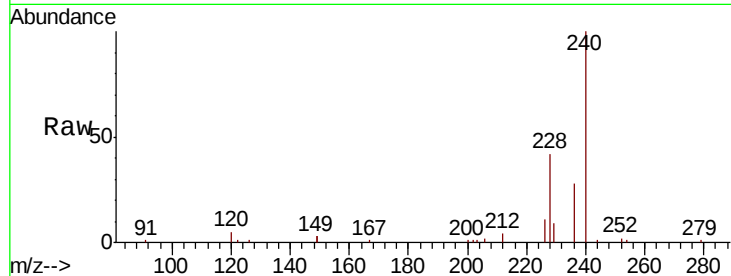
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Instrument :
BNA_E
ClientSampleId :
PB119824BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.4	8.0
236	27.6	21.7	32.5

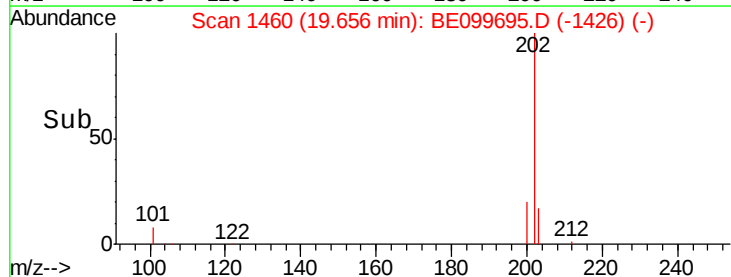
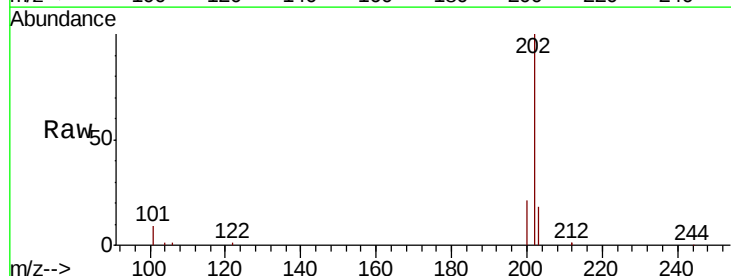
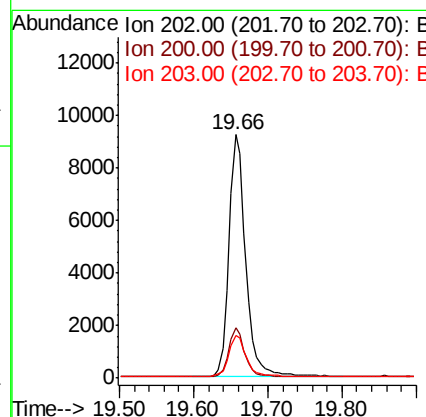
Manual Integrations
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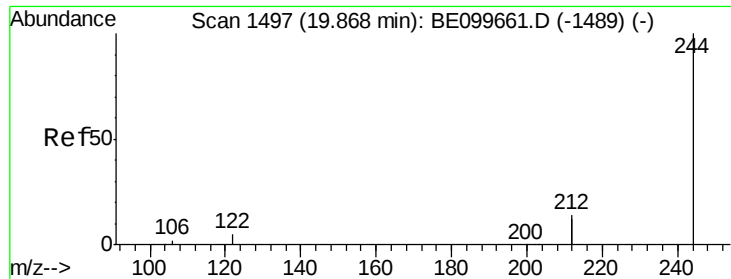
mohammad
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#28
Pyrene
Concen: 0.360 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.4	23.2
203	18.0	13.8	20.8





#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

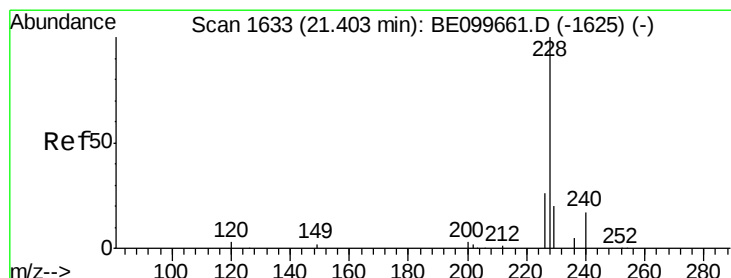
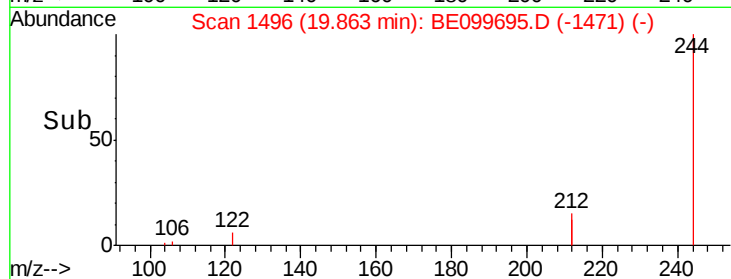
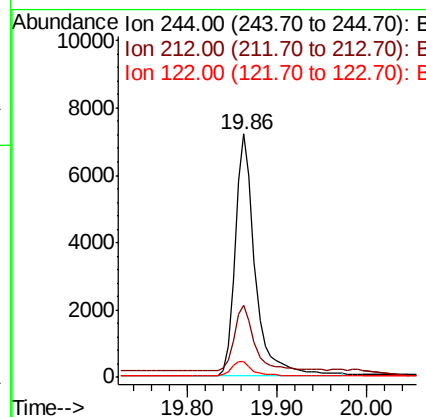
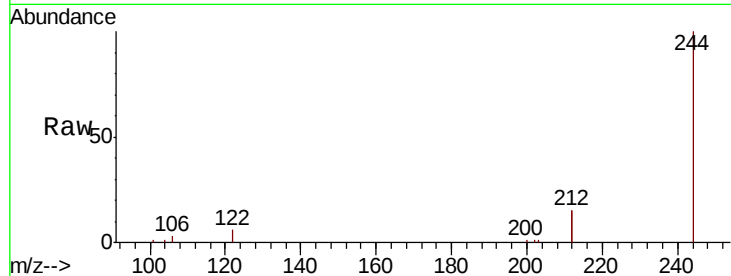
ClientSampleId :

PB119824BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.6	22.5	33.7
122	6.2	4.3	6.5

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#30

Benzo(a)anthracene

Concen: 0.432 ng

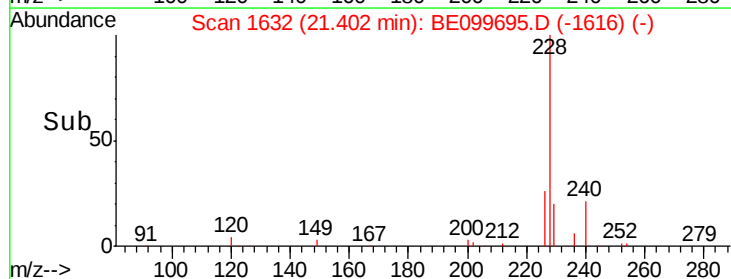
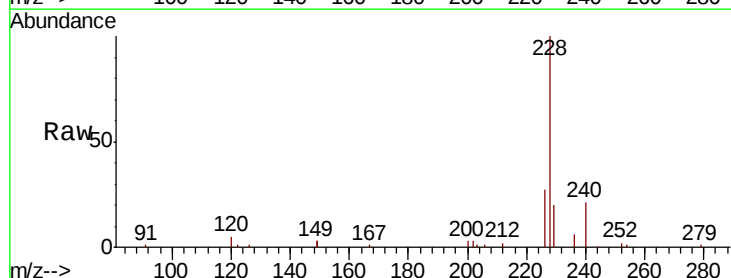
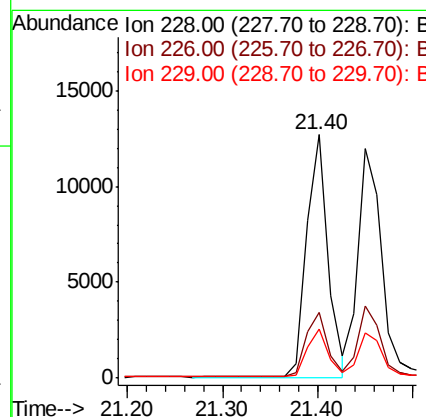
RT: 21.40 min Scan# 1632

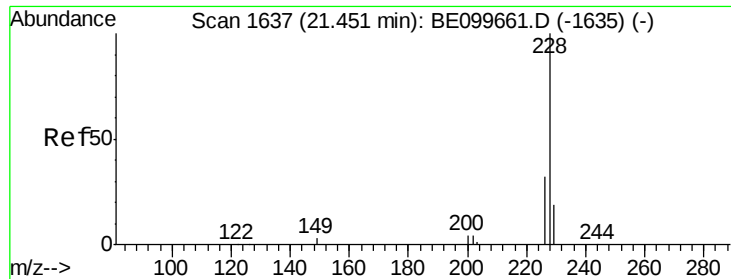
Delta R.T. -0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	20.3	16.1	24.1





#31

Chrysene

Concen: 0.414 ng

RT: 21.45 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

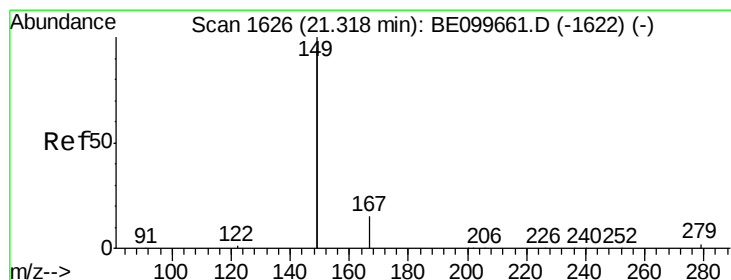
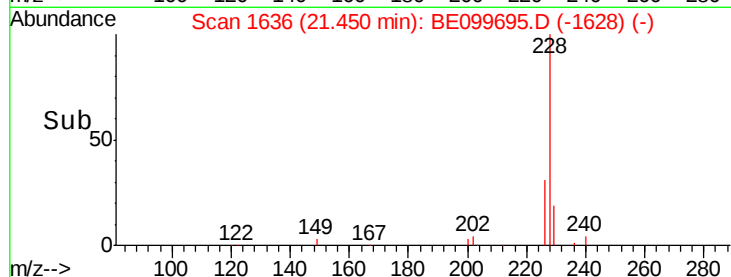
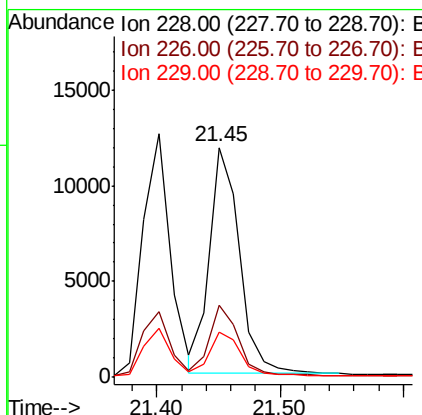
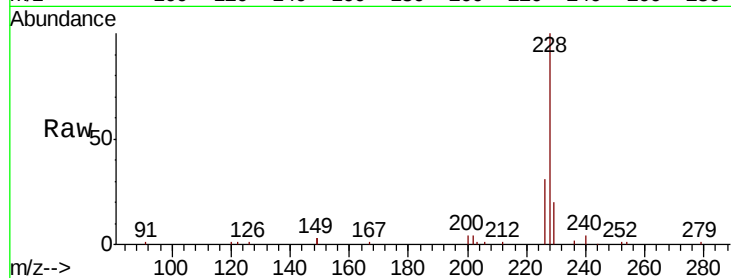
ClientSampleId :

PB119824BSD

Tot Ion:228	Resp:	20070
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.7 37.1
229	19.8	15.8 23.6

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.469 ng

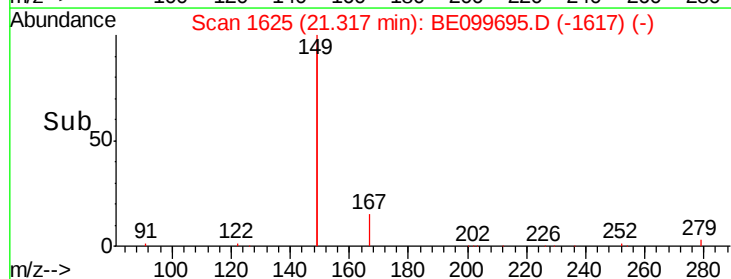
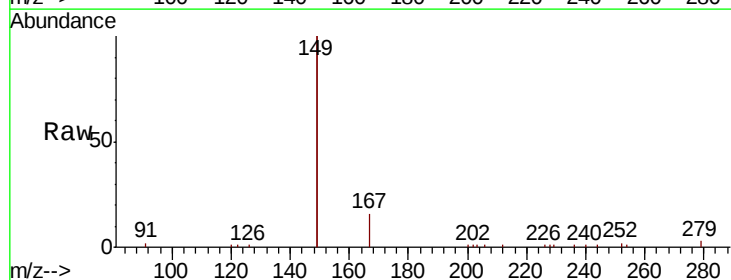
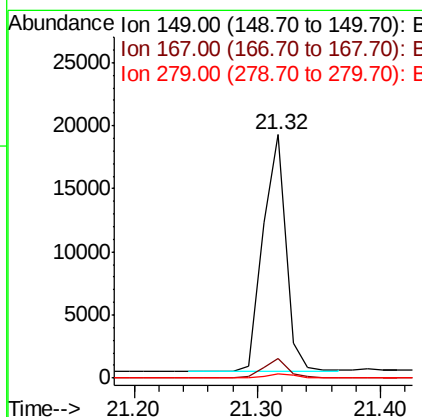
RT: 21.32 min Scan# 1625

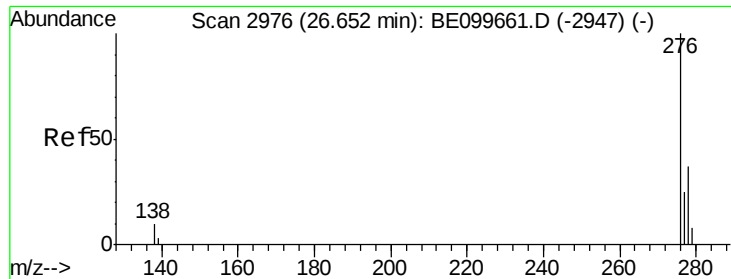
Delta R.T. -0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Tgt Ion:149	Resp:	24458
Ion Ratio	Lower	Upper
149	100	
167	7.6	6.2 9.4
279	1.6	1.2 1.8





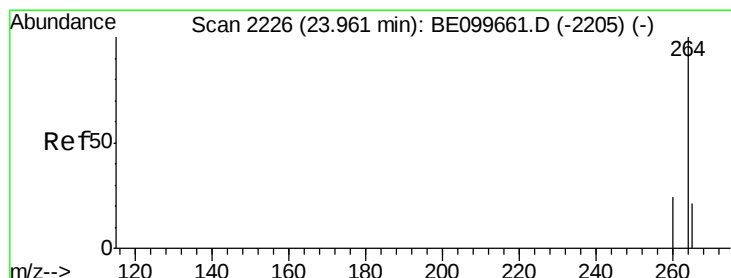
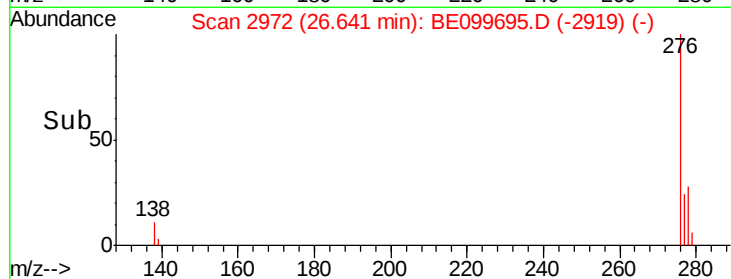
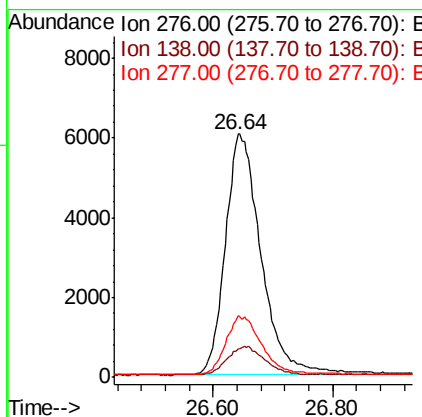
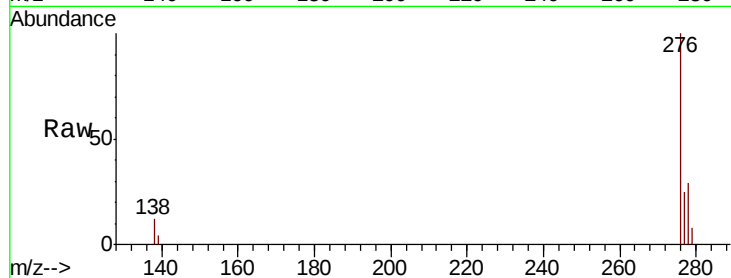
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.427 ng
 RT: 26.64 min Scan# 2972
 Delta R.T. -0.01 min
 Lab File: BE099695.D
 Acq: 21 May 2019 18:43

Instrument :
 BNA_E
 ClientSampleId :
 PB119824BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.6	14.4
277	24.7	19.2	28.8

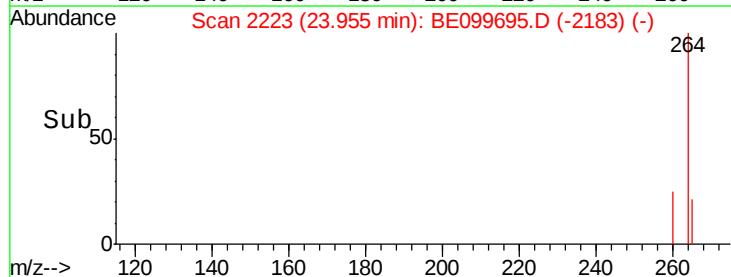
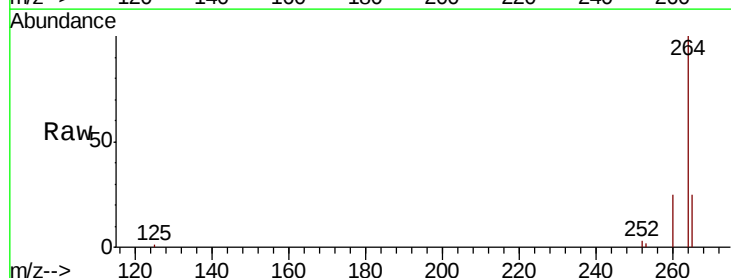
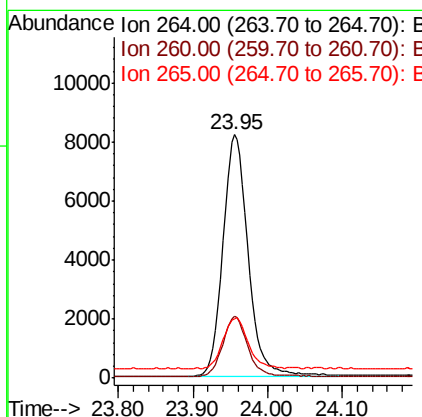
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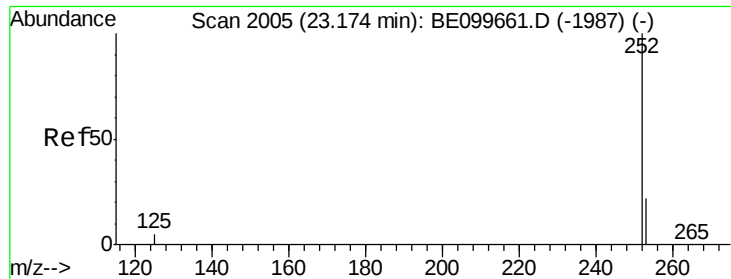
mohammad
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BE099695.D
 Acq: 21 May 2019 18:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.6	29.4
265	24.6	19.1	28.7





#35

Benzo(b)fluoranthene

Concen: 0.391 ng m

RT: 23.17 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

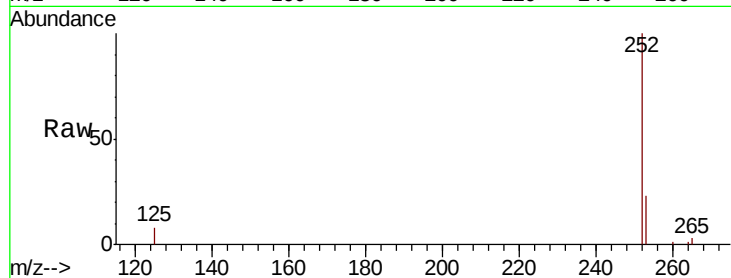
ClientSampleId :

PB119824BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	7.6	4.5	6.7

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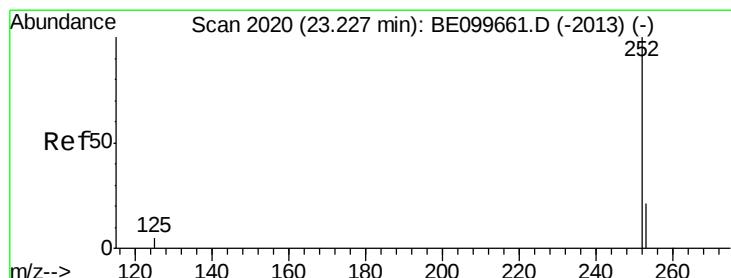
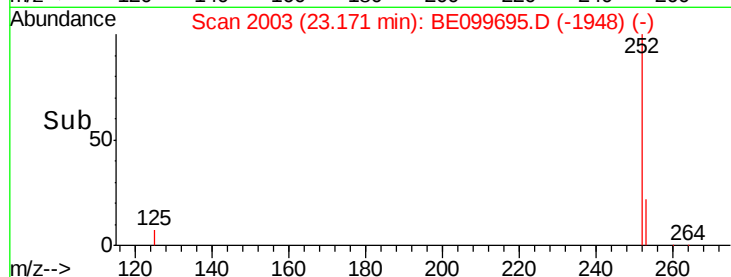
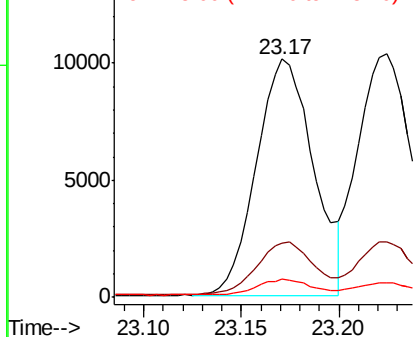
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.389 ng

RT: 23.22 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE099695.D

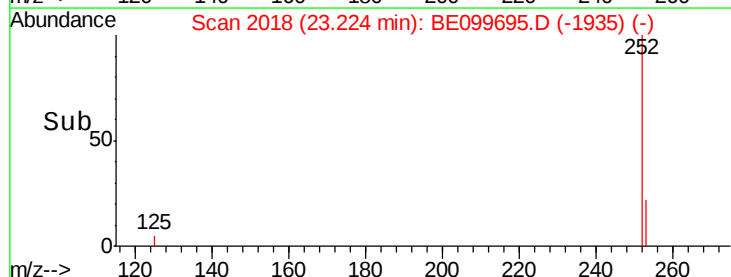
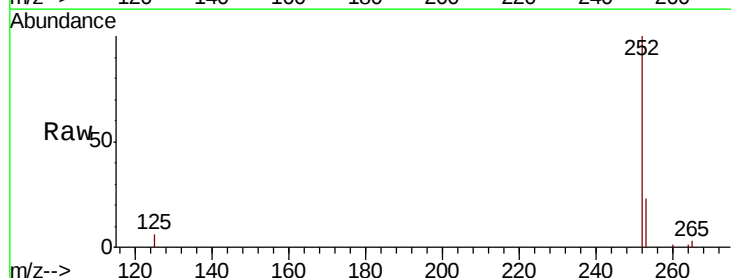
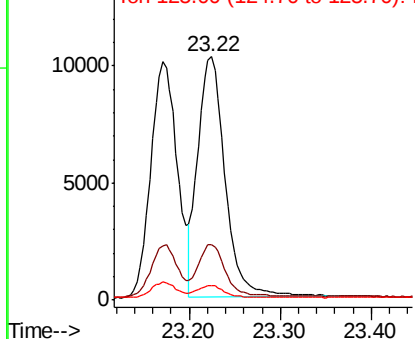
Acq: 21 May 2019 18:43

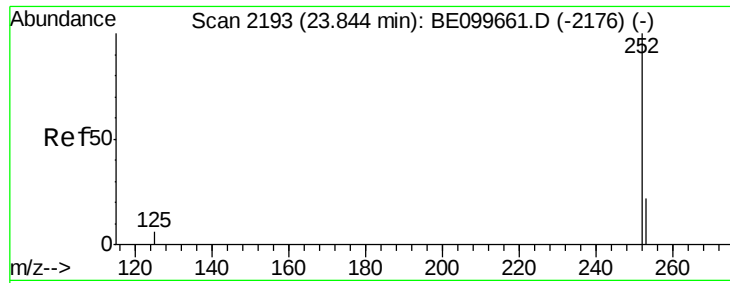
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	5.9	4.6	6.8

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





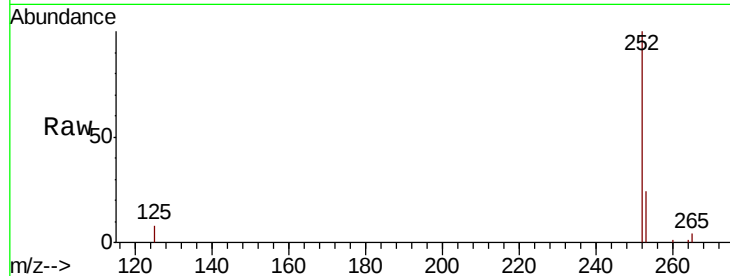
#37
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

Instrument :
BNA_E
ClientSampleId :
PB119824BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.9	28.3
125	8.4	5.4	8.0

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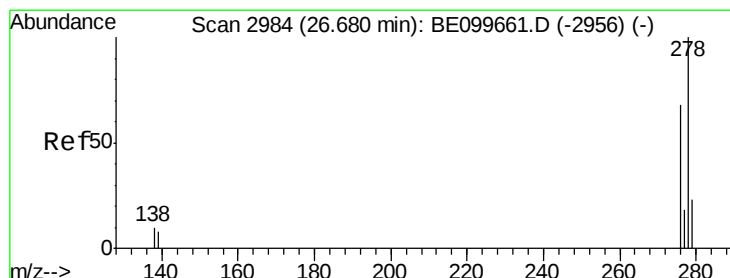
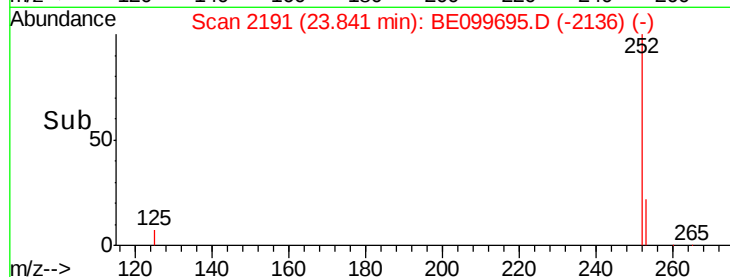
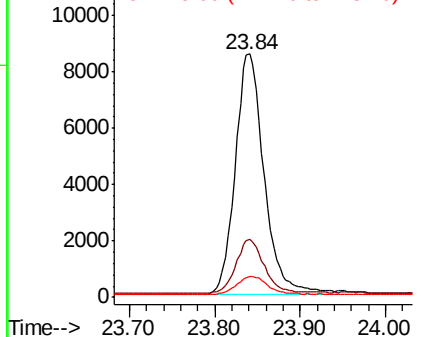


Abundance

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: 0.393 ng
RT: 26.67 min Scan# 2981
Delta R.T. -0.01 min
Lab File: BE099695.D
Acq: 21 May 2019 18:43

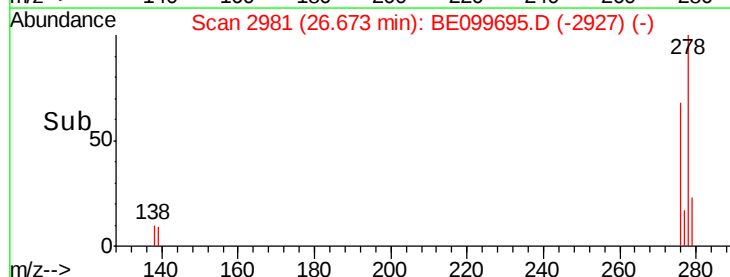
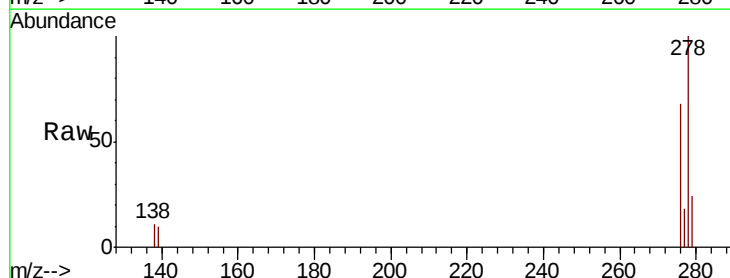
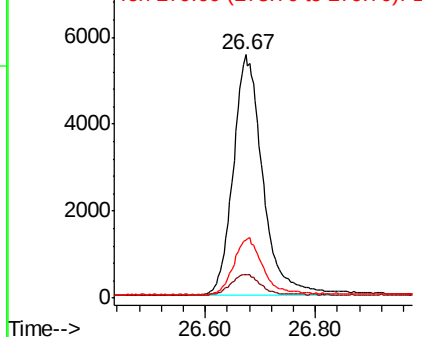
Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.7	6.9	10.3
279	24.0	19.2	28.8

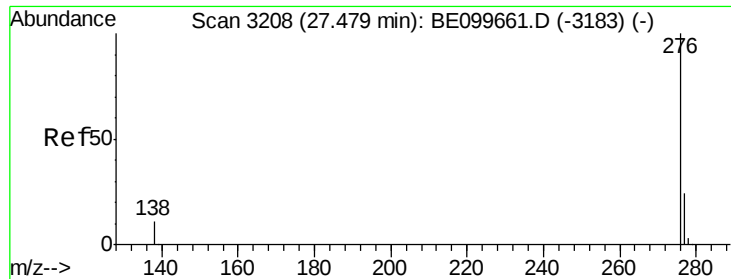
Abundance

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: 0.393 ng

RT: 27.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BE099695.D

Acq: 21 May 2019 18:43

Instrument :

BNA_E

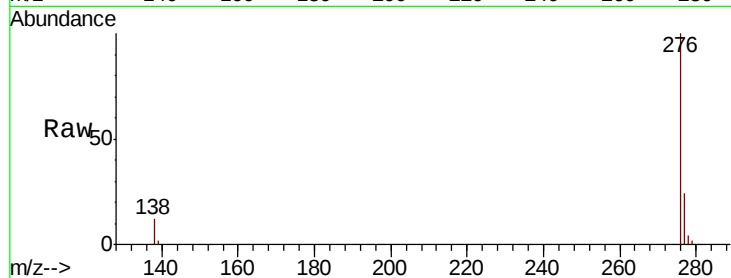
ClientSampleId :

PB119824BSD

Tot Ion:	276	Resp:	21056
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.8	29.6
138	12.0	9.2	13.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

