

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120619\
 Data File : BE100801.D
 Acq On : 6 Dec 2019 11:08
 Operator : JU
 Sample : PB125273BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125273BSD

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:10:16 PM

Quant Time: Dec 06 12:58:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5265	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	24484	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13664	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	32645	0.40	ng	-0.01
27) Chrysene-d12	21.30	240	34124	0.40	ng	0.00
34) Perylene-d12	23.75	264	40254	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	3583	0.29	ng	0.00
5) Phenol-d6	6.93	99	3501	0.19	ng	0.00
8) Nitrobenzene-d5	8.90	82	7290	0.63	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	13996m	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1746	1.15	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	21722	0.40	ng	0.00
25) Fluoranthene-d10	19.16	212	157801	0.41	ng	0.00
29) Terphenyl-d14	19.77	244	38662	0.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1465	0.153	ng	# 1
3) n-Nitrosodimethylamine	3.65	42	1410	0.180	ng	# 79
6) bis(2-Chloroethyl)ether	7.19	93	7441	0.408	ng	98
9) Naphthalene	10.59	128	100274	0.385	ng	100
10) Hexachlorobutadiene	10.89	225	3351	0.330	ng	97
12) 2-Methylnaphthalene	12.21	142	15978	0.393	ng	98
16) Acenaphthylene	14.11	152	23745	0.420	ng	99
17) Acenaphthene	14.46	154	15203	0.390	ng	97
18) Fluorene	15.43	166	20515	0.408	ng	97
20) 4-Bromophenyl-phenylether	16.33	248	6186	0.386	ng	# 93
21) Hexachlorobenzene	16.44	284	6082	0.350	ng	99
22) Pentachlorophenol	16.79	266	2455	2.040	ng	# 81
23) Phenanthrene	17.16	178	39198	0.396	ng	99
24) Anthracene	17.26	178	34393	0.416	ng	99
26) Fluoranthene	19.19	202	46247	0.392	ng	100
28) Pyrene	19.55	202	46947	0.423	ng	99
30) Benzo(a)anthracene	21.29	228	45649	0.454	ng	100
31) Chrysene	21.34	228	45725	0.387	ng	98
32) Bis(2-ethylhexyl)phthalate	21.24	149	104893	1.272	ng	99
33) Indeno(1,2,3-cd)pyrene	26.32	276	49906	0.485	ng	99
35) Benzo(b)fluoranthene	23.00	252	44938	0.408	ng	100
36) Benzo(k)fluoranthene	23.05	252	46520	0.376	ng	98
37) Benzo(a)pyrene	23.64	252	43030	0.451	ng	99
38) Dibenzo(a,h)anthracene	26.35	278	41684	0.439	ng	100
39) Benzo(g,h,i)perylene	27.12	276	43120	0.425	ng	98

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

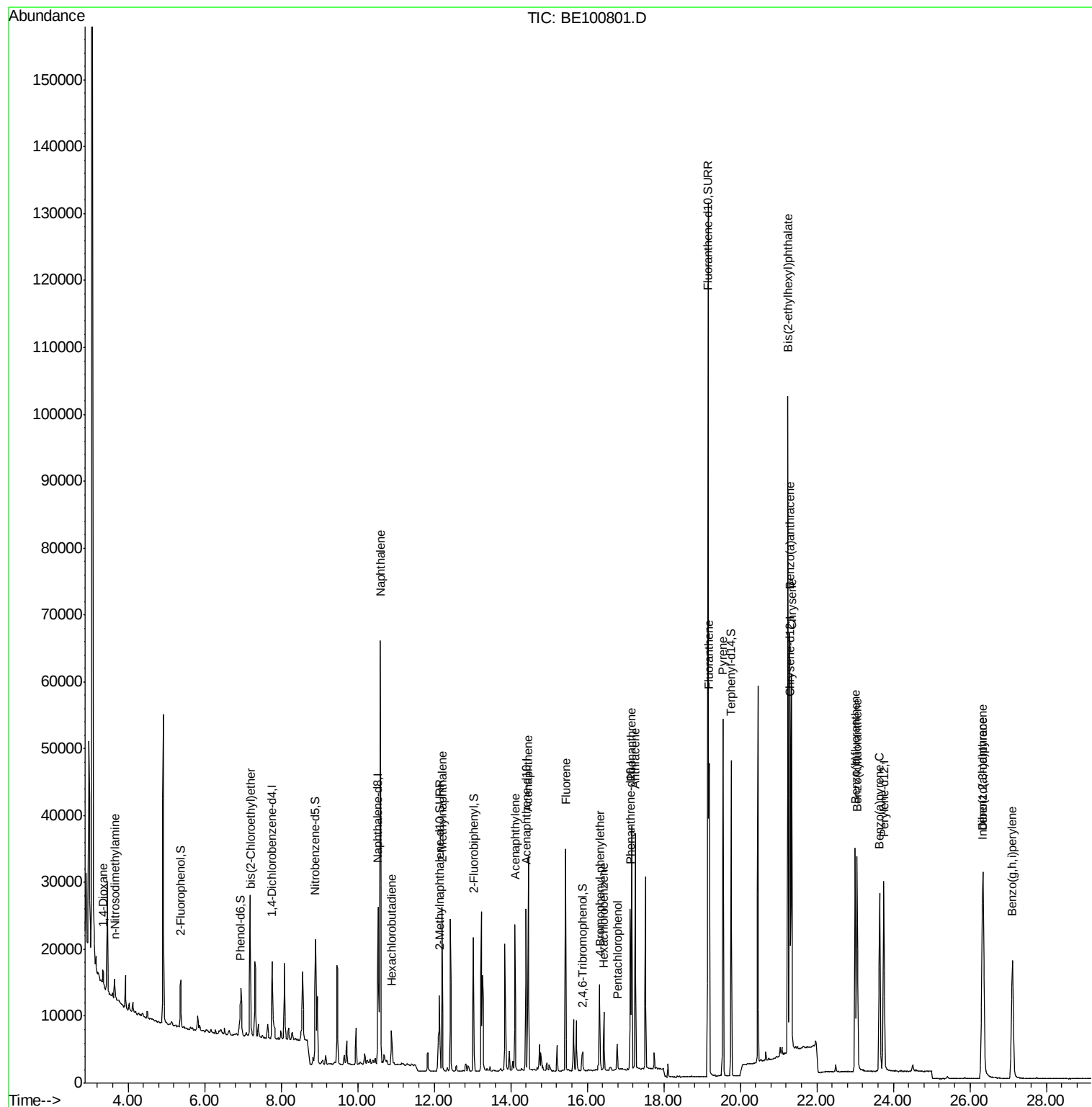
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120619\
Data File : BE100801.D
Acq On : 6 Dec 2019 11:08
Operator : JU
Sample : PB125273BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

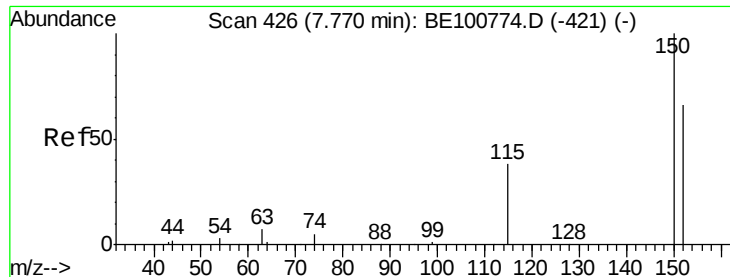
Instrument :
BNA_E
ClientSampleId :
PB125273BSD

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Quant Time: Dec 06 12:58:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

Tot Ion:152 Resp: 5265

Ion Ratio Lower Upper

152 100

150 166.4 120.6 181.0

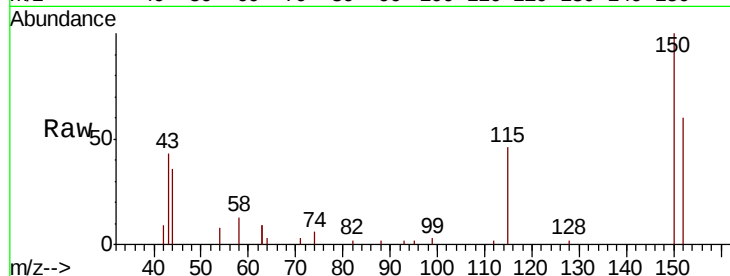
115 75.8 47.4 71.2#

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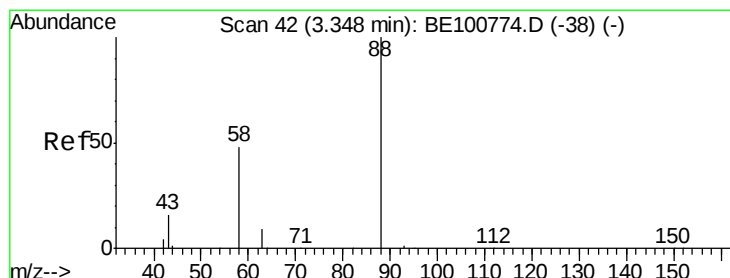
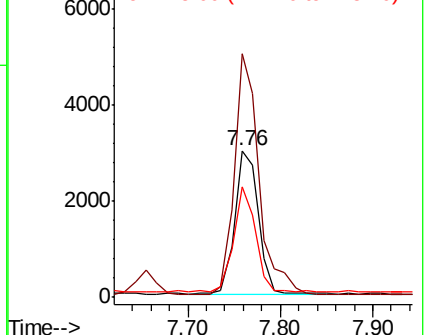
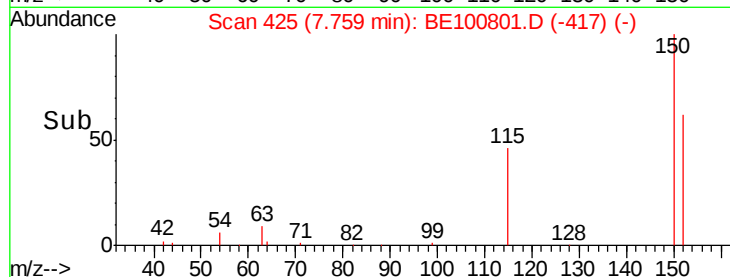
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.153 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

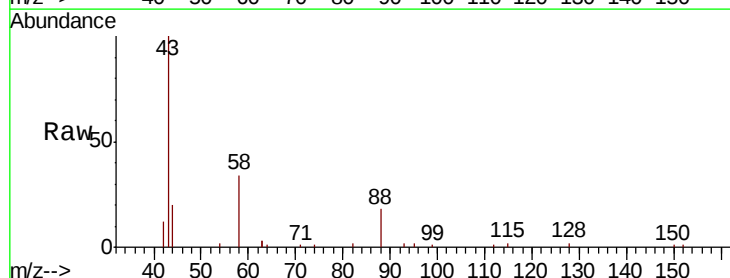
Tgt Ion: 88 Resp: 1465

Ion Ratio Lower Upper

88 100

58 117.5 52.5 78.7#

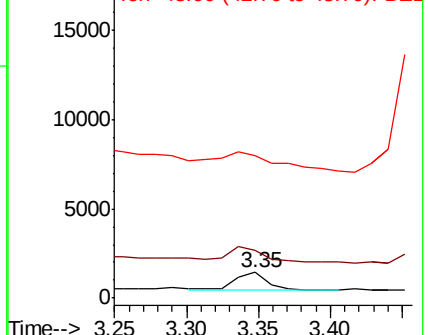
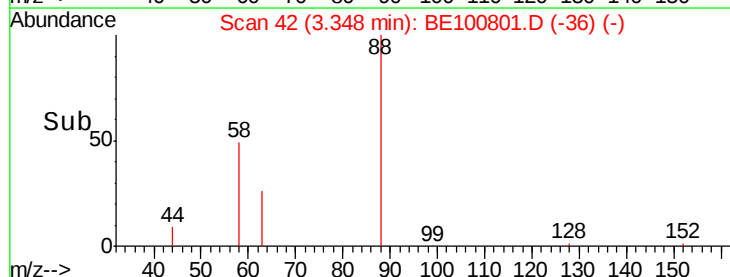
43 211.5 23.0 34.6#

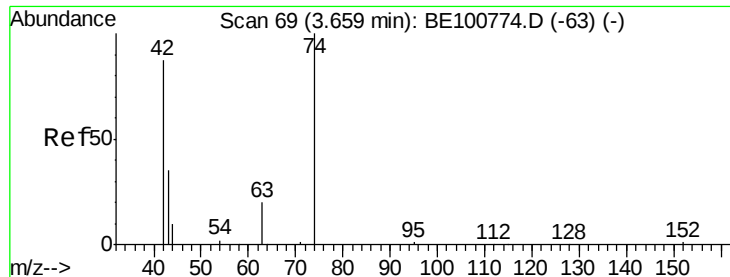


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.180 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

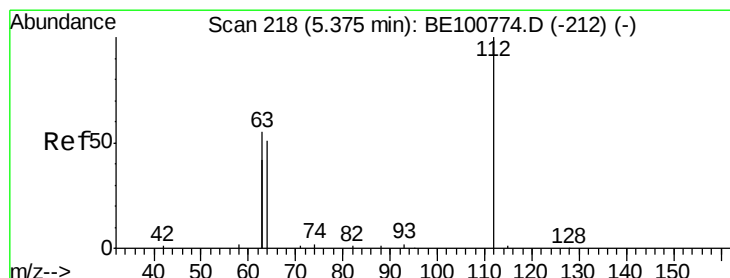
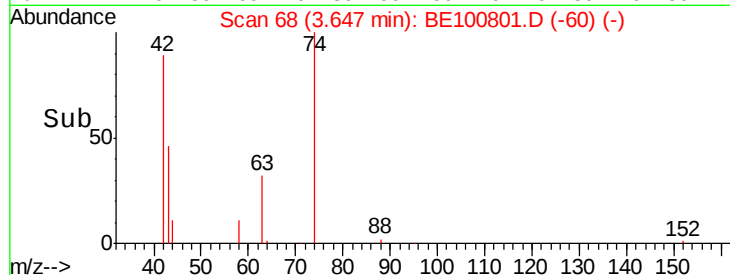
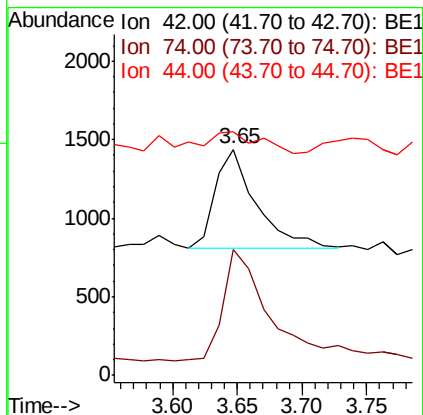
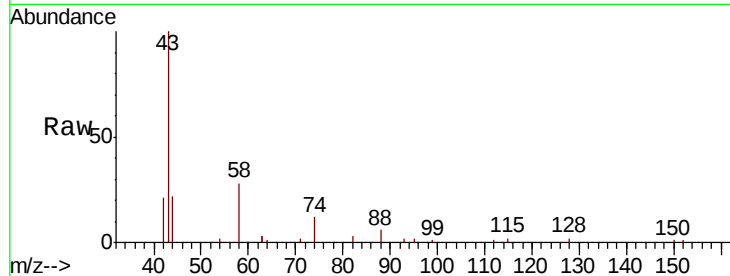
ClientSampleId :

PB125273BSD

Tot Ion:	42	Resp:	1410
Ion	Ratio	Lower	Upper
42	100		
74	130.1	86.3	129.5#
44	22.8	11.6	17.4#

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#4

2-Fluorophenol

Concen: 0.287 ng

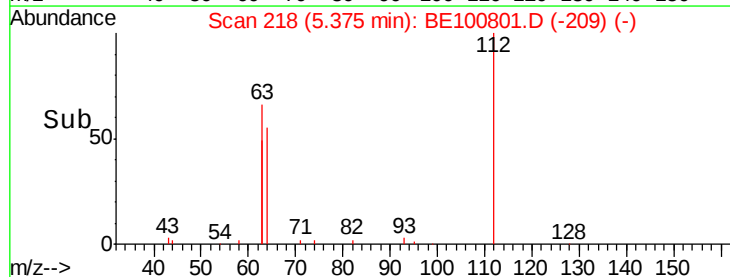
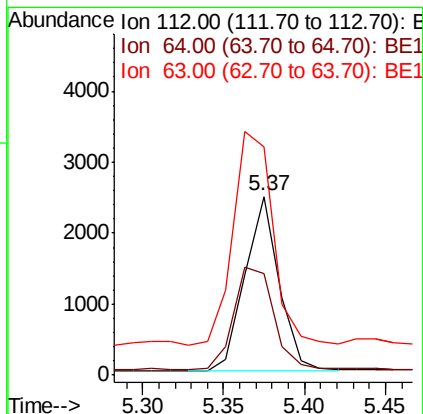
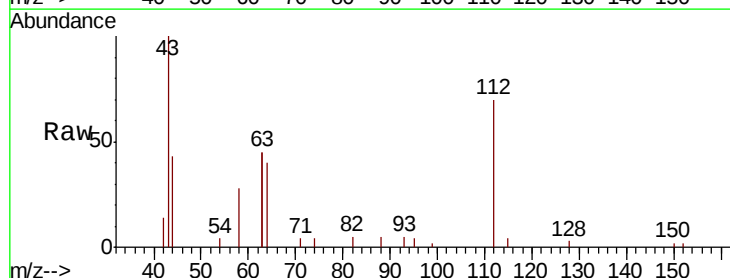
RT: 5.37 min Scan# 218

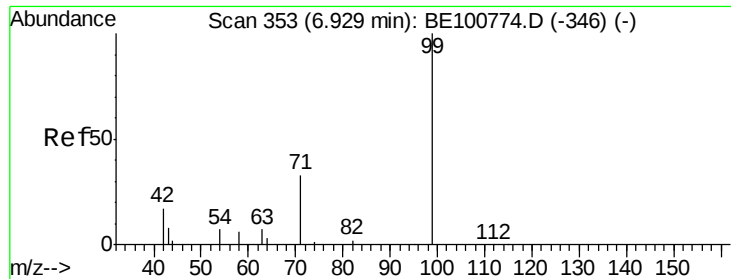
Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Tgt Ion:	112	Resp:	3583
Ion	Ratio	Lower	Upper
112	100		
64	68.8	54.1	81.1
63	143.8	113.2	169.8





#5

Phenol-d6

Concen: 0.186 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

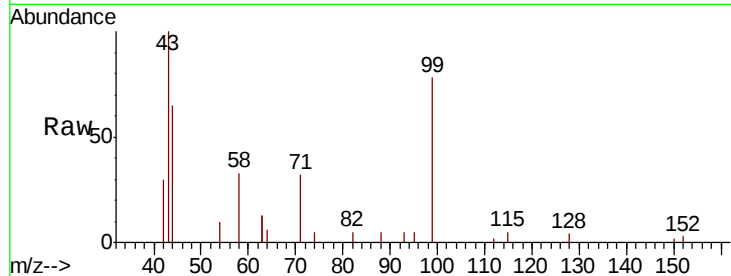
ClientSampleId :

PB125273BSD

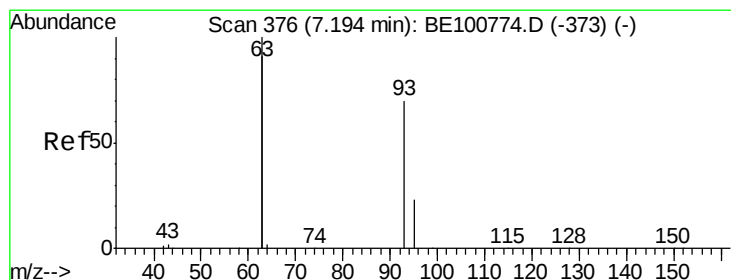
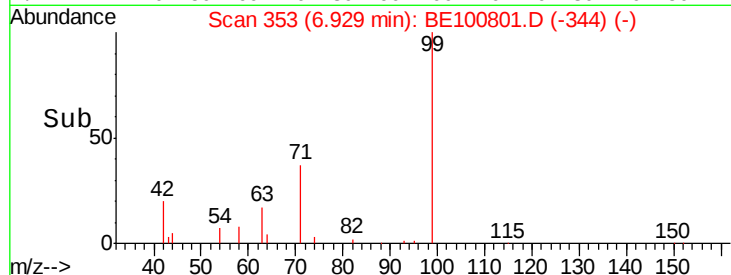
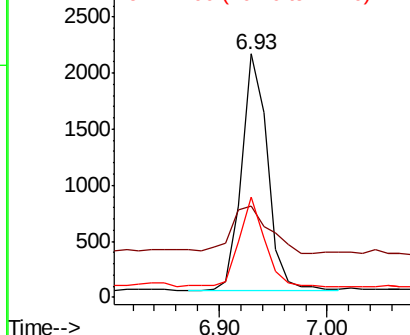
Tot Ion:	99	Resp:	3501
Ion	Ratio	Lower	Upper
99	100		
42	29.2	19.1	28.7#
71	38.2	27.7	41.5

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Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.408 ng

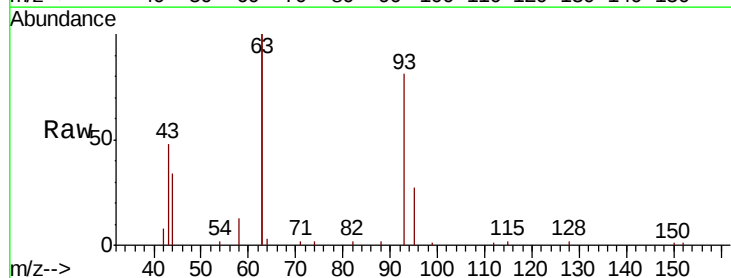
RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

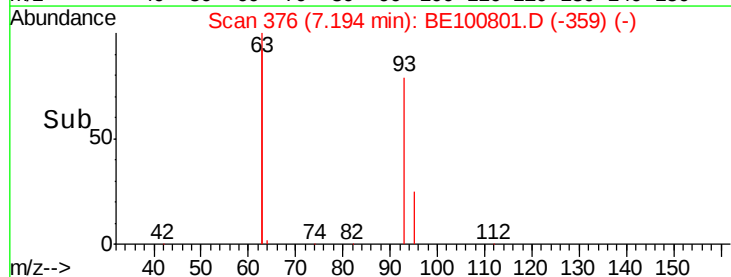
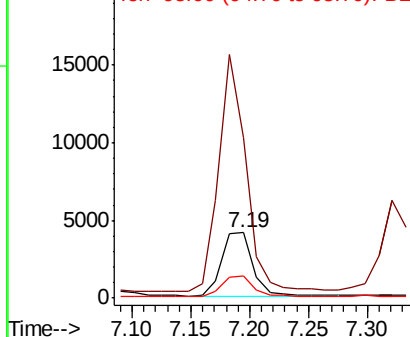
Lab File: BE100801.D

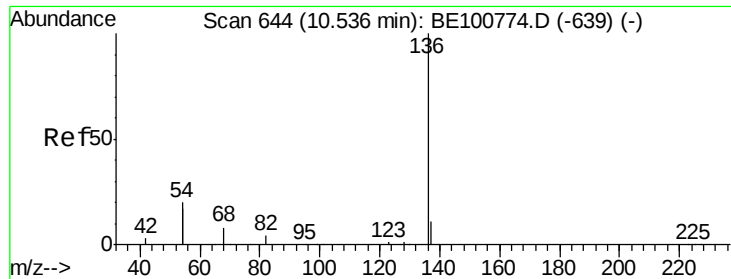
Acq: 6 Dec 2019 11:08

Tgt Ion:	93	Resp:	7441
Ion	Ratio	Lower	Upper
93	100		
63	328.4	259.4	389.0
95	33.4	26.2	39.2



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

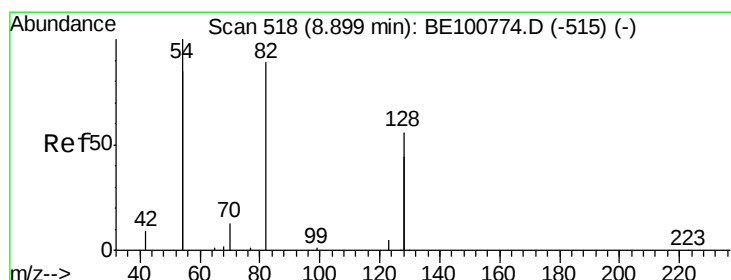
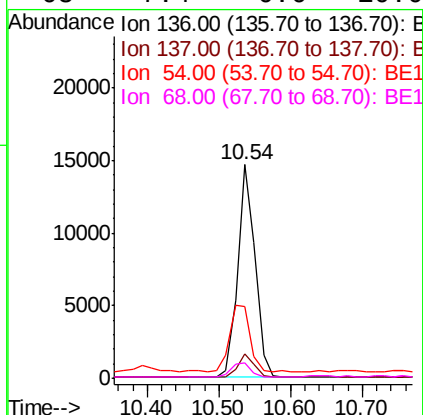
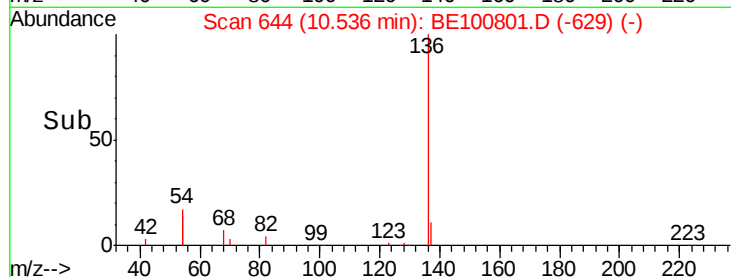
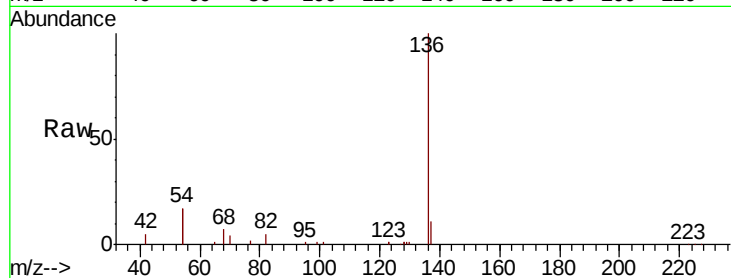
ClientSampleId :

PB125273BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	33.4	31.1	46.7
68	7.4	6.6	10.0

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#8

Nitrobenzene-d5

Concen: 0.625 ng

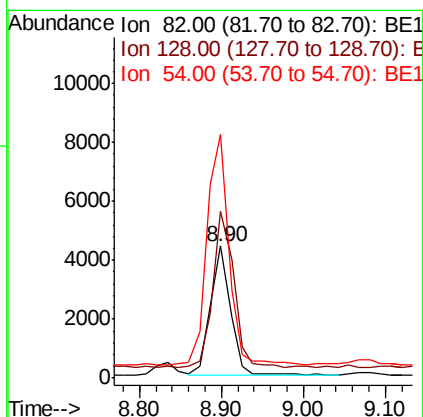
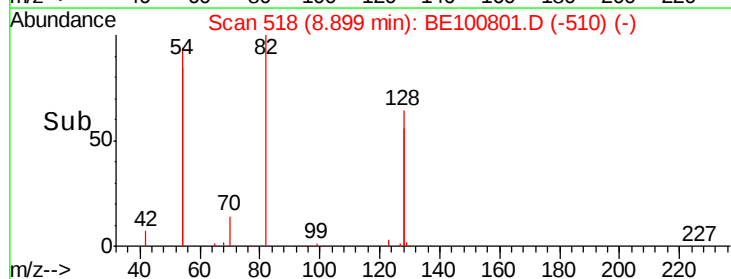
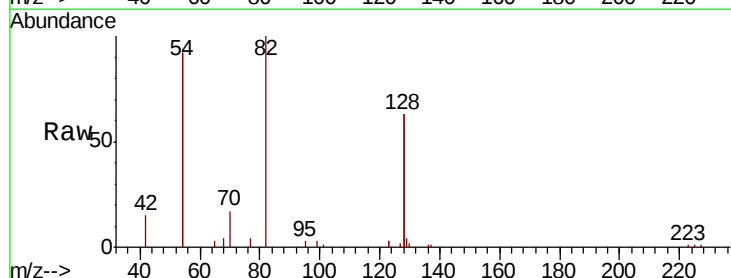
RT: 8.90 min Scan# 518

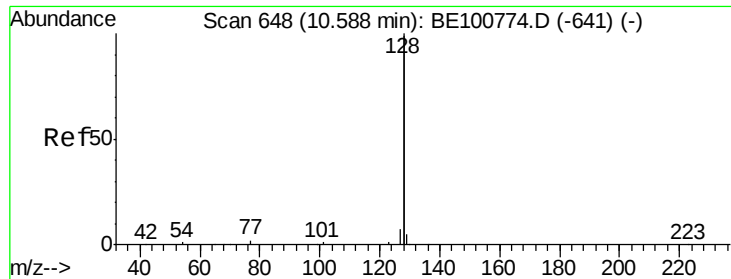
Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Tgt Ion	Ratio	Lower	Upper
82	100		
128	126.0	97.0	145.4
54	184.4	171.8	257.6





#9

Naphthalene

Concen: 0.385 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

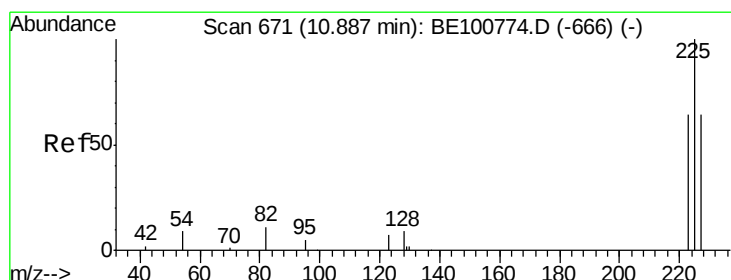
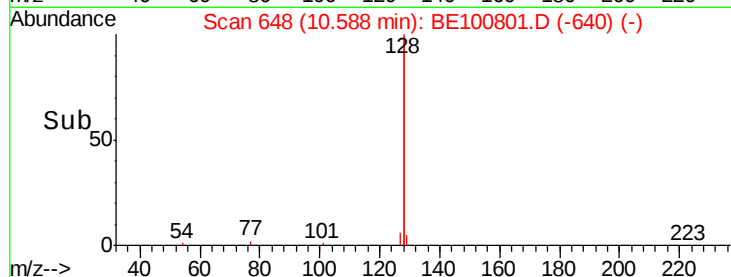
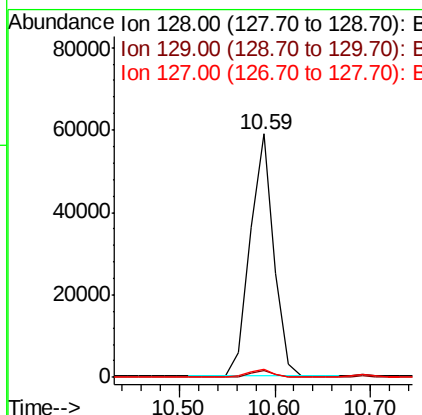
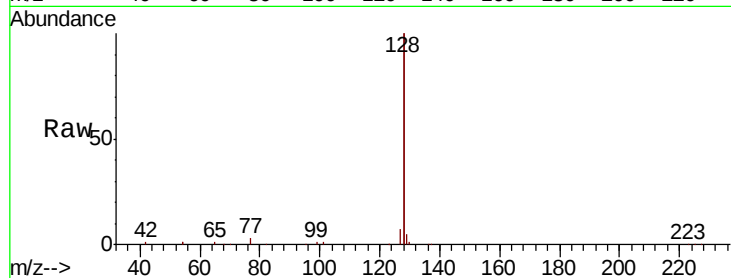
ClientSampleId :

PB125273BSD

Tot Ion:128	Resp:	100274
Ion Ratio	Lower	Upper
128 100		
129 2.7	2.2	3.4
127 3.3	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.330 ng

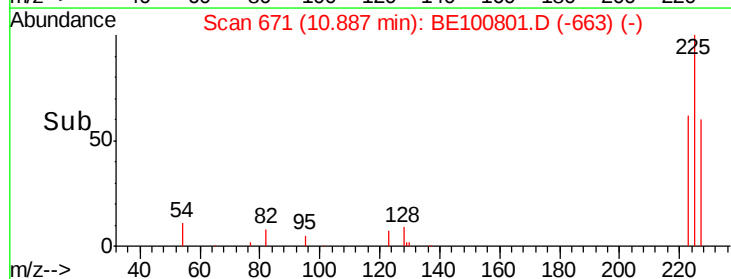
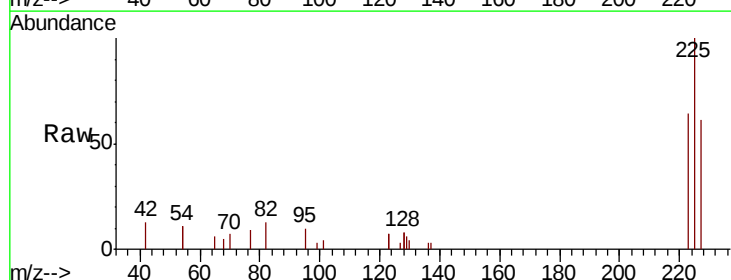
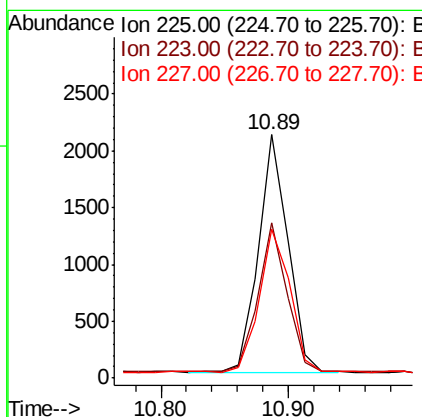
RT: 10.89 min Scan# 671

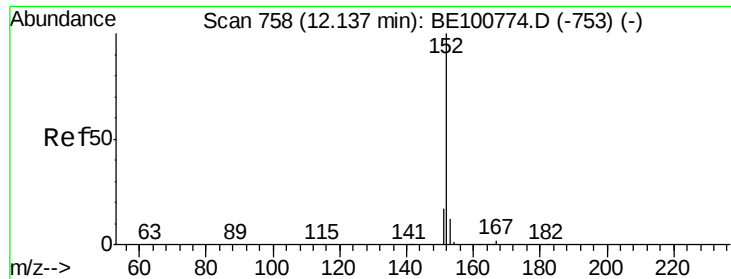
Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Tgt Ion:225	Resp:	3351
Ion Ratio	Lower	Upper
225 100		
223 61.3	49.9	74.9
227 62.4	52.2	78.4





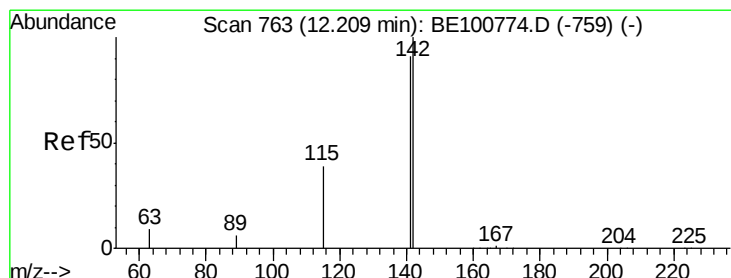
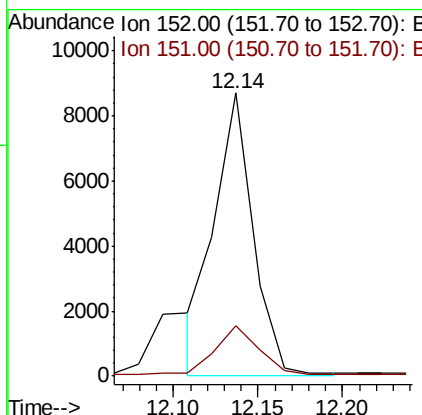
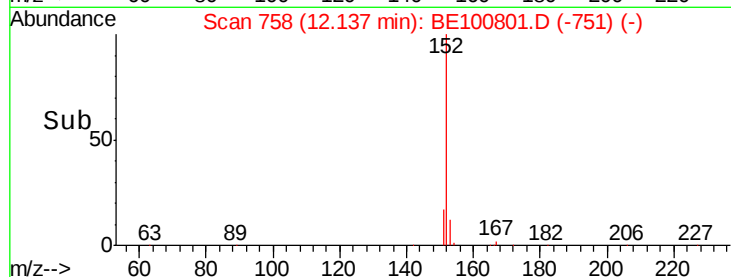
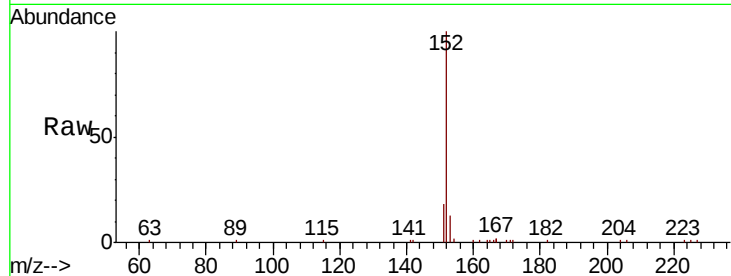
#11
 2-Methylnaphthalene-d10
 Concen: 0.394 ng m
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100801.D
 Acq: 6 Dec 2019 11:08

Instrument :
 BNA_E
 ClientSampleId :
 PB125273BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.8

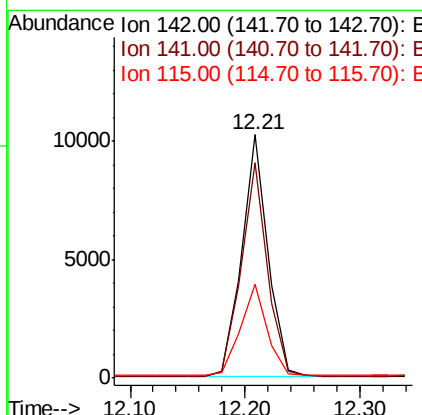
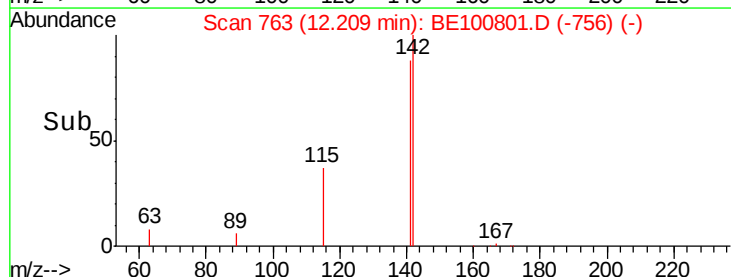
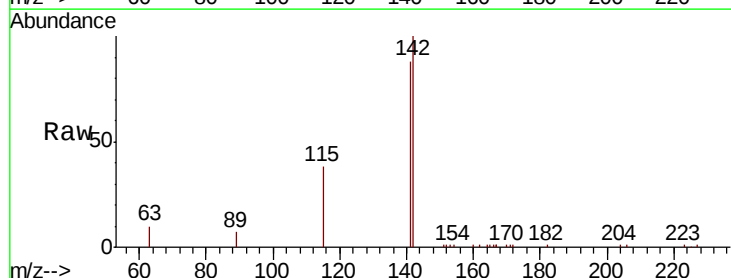
Manual Integrations
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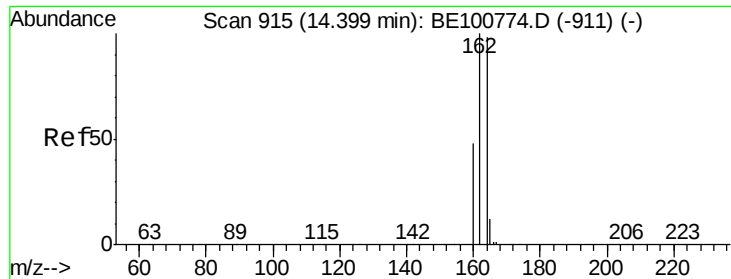
mohammad
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#12
 2-Methylnaphthalene
 Concen: 0.393 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE100801.D
 Acq: 6 Dec 2019 11:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8
115	38.3	31.8	47.6





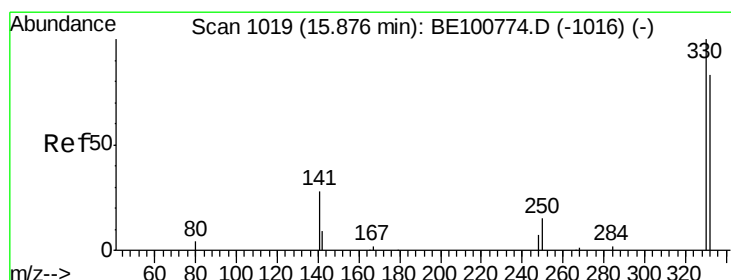
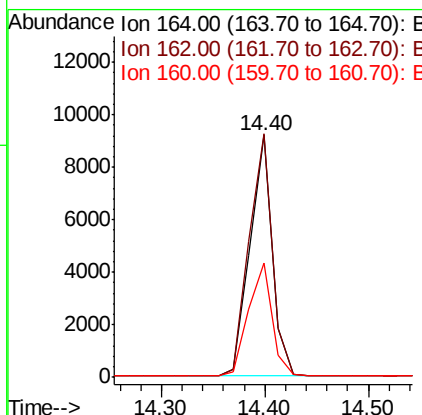
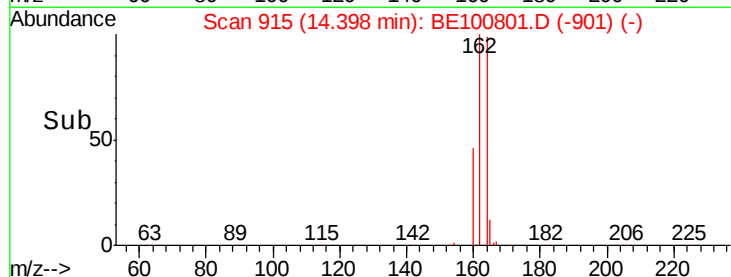
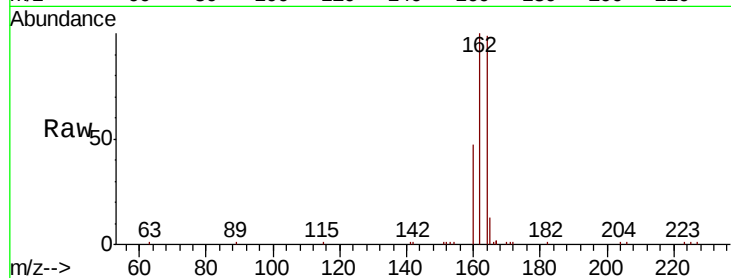
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.0
160	47.2	39.4	59.0

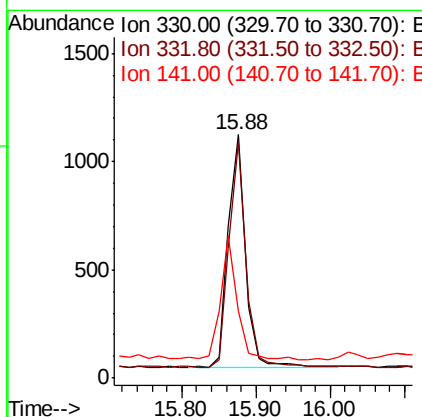
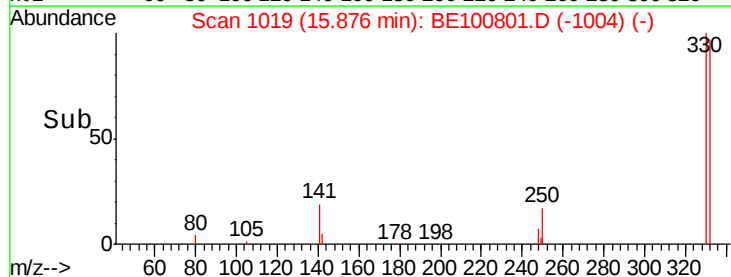
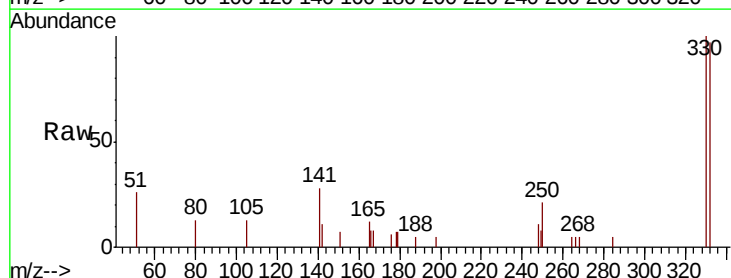
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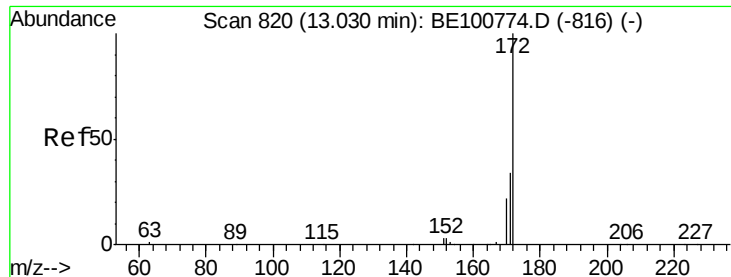
mohammad
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#14
2,4,6-Tribromophenol
Concen: 1.149 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	69.4	104.2
141	51.3	51.1	76.7





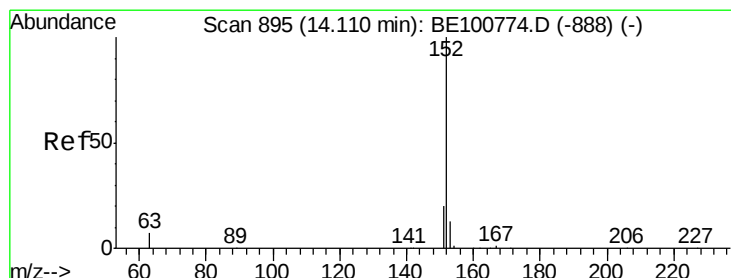
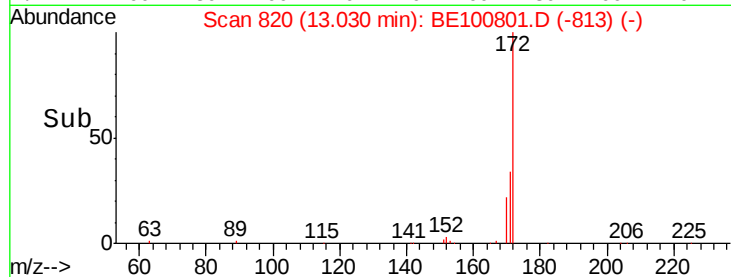
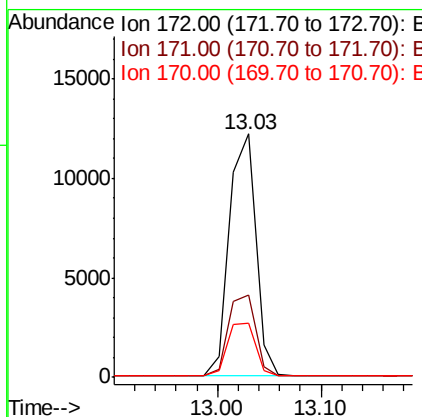
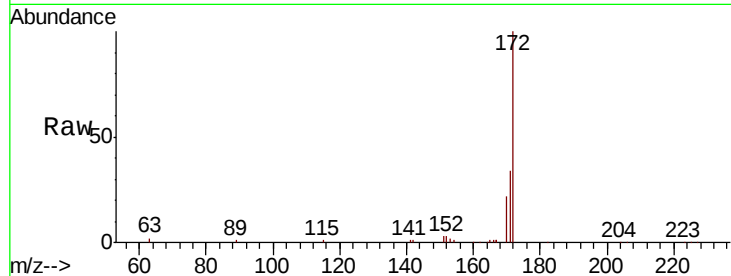
#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.2	40.8
170	22.1	18.0	27.0

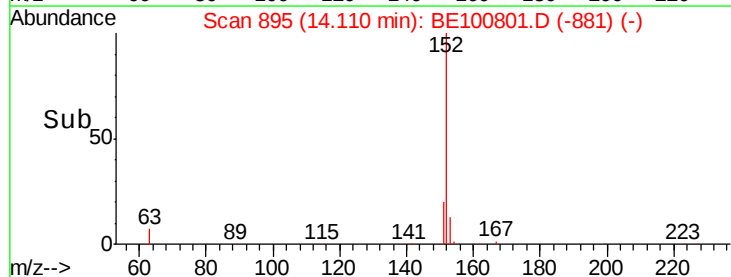
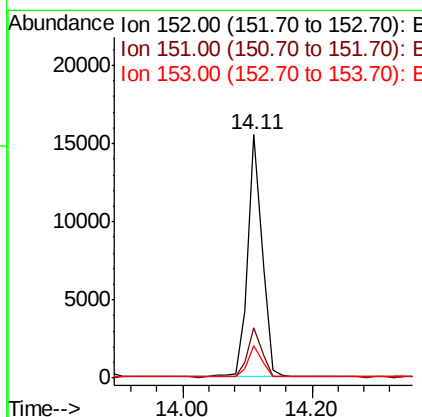
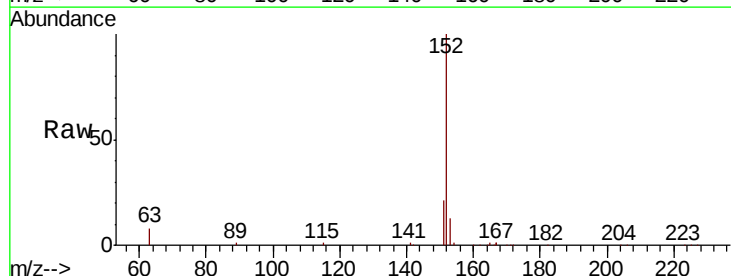
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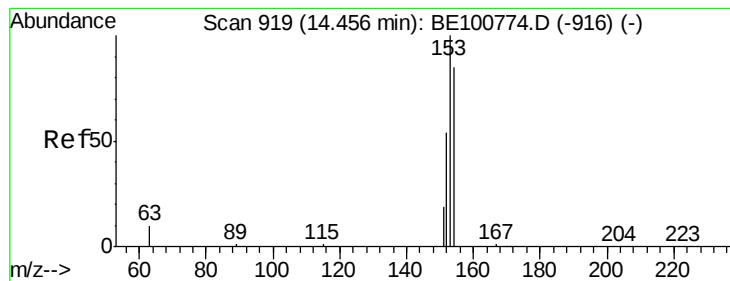
mohammad
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#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.6
153	12.8	10.4	15.6





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

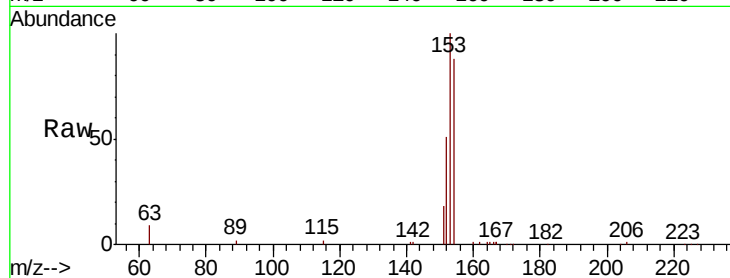
ClientSampleId :

PB125273BSD

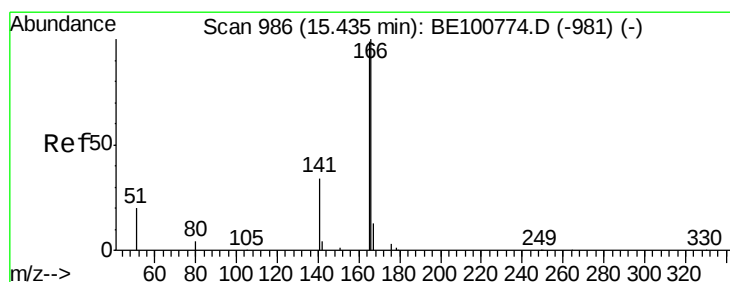
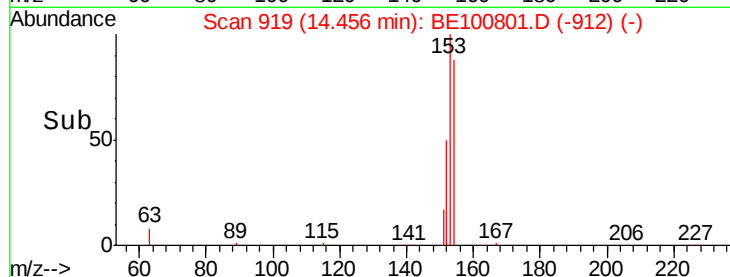
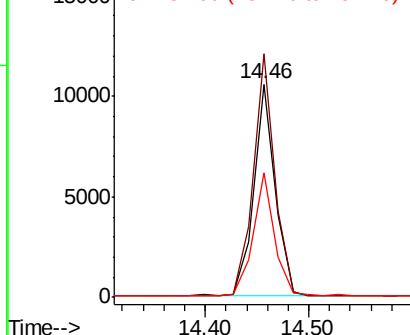
Tot Ion:	154	Resp:	15203
Ion Ratio	Lower	Upper	
154	100		
153	113.8	92.2	138.2
152	57.2	49.1	73.7

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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: 0.408 ng

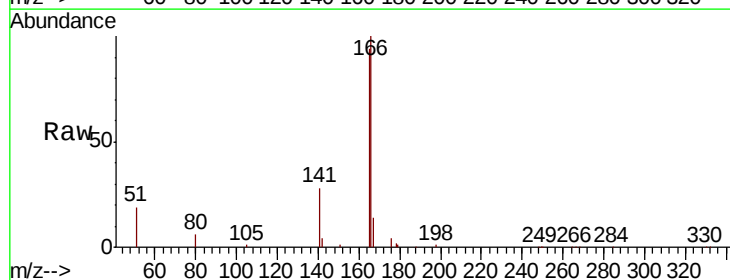
RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

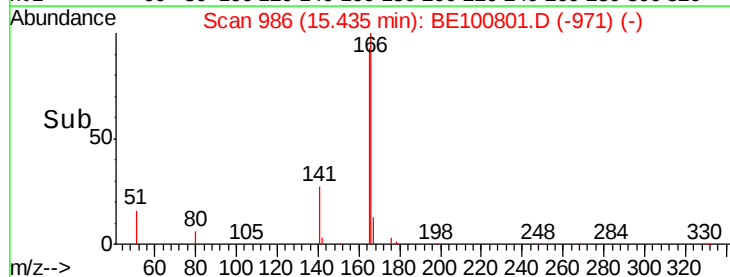
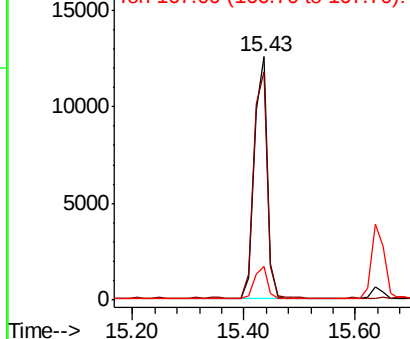
Lab File: BE100801.D

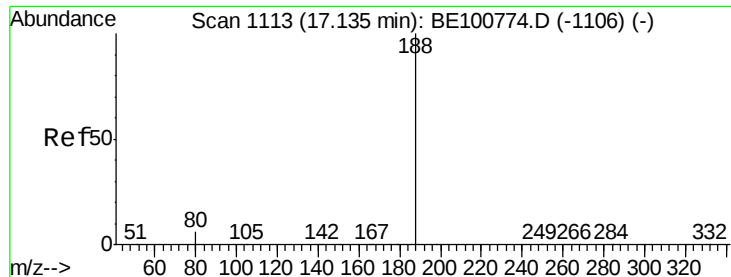
Acq: 6 Dec 2019 11:08

Tgt Ion:	166	Resp:	20515
Ion Ratio	Lower	Upper	
166	100		
165	96.8	80.5	120.7
167	13.6	10.7	16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





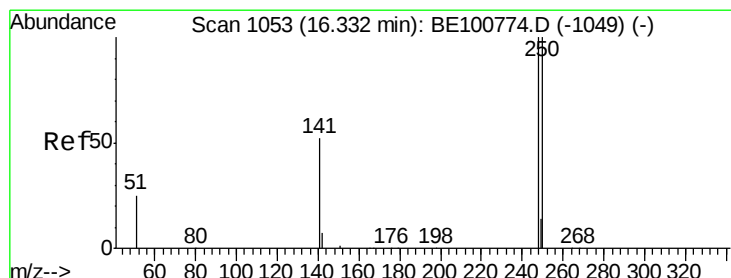
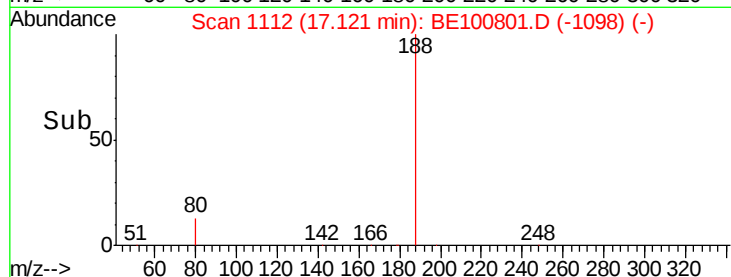
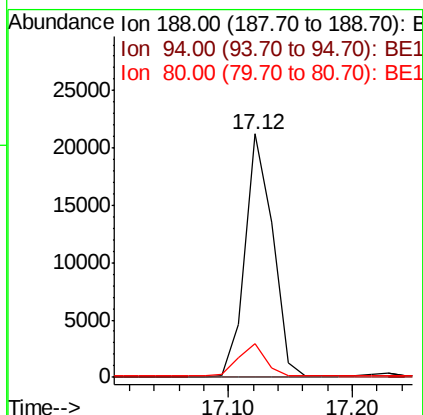
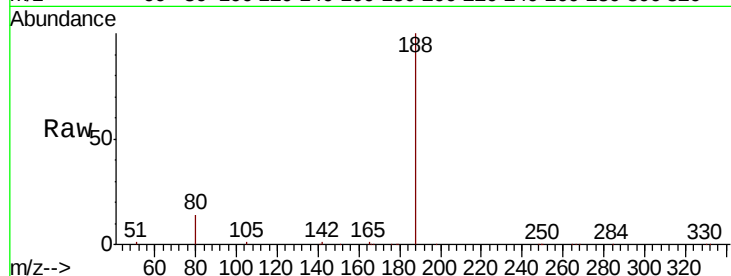
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	5.2	7.8#

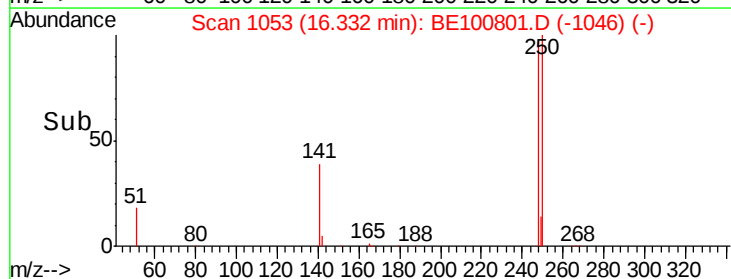
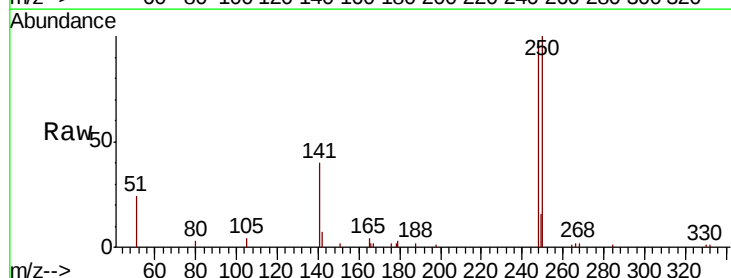
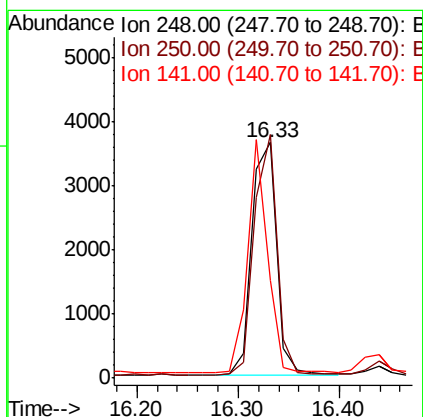
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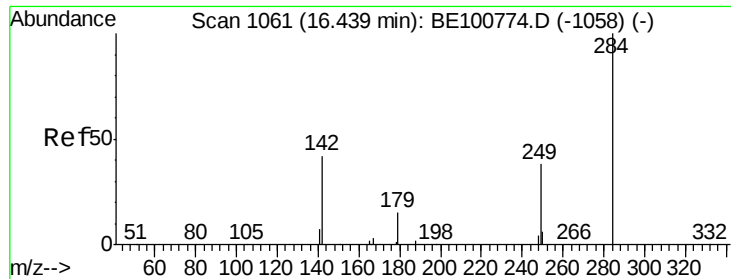
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#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	103.3	80.5	120.7
141	41.6	42.6	64.0#





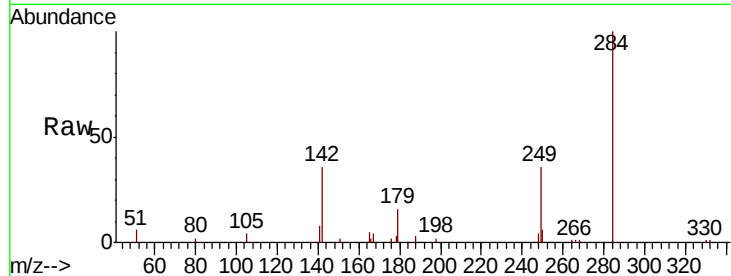
#21
Hexachlorobenzene
Concen: 0.350 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

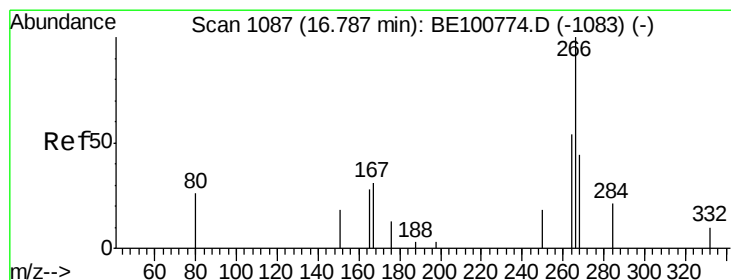
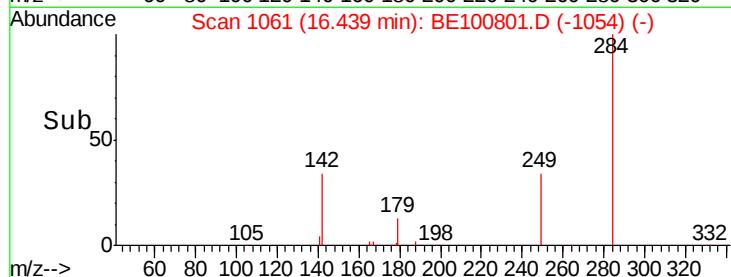
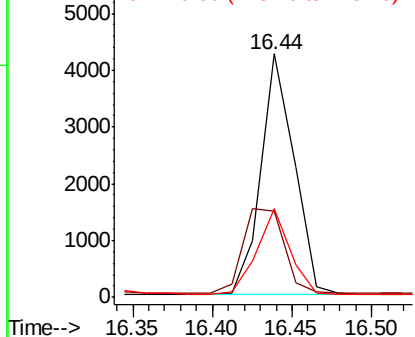
Tot Ion:	284	Resp:	6082
Ion Ratio	Lower	Upper	
284	100		
142	43.6	34.4	51.6
249	34.8	28.5	42.7

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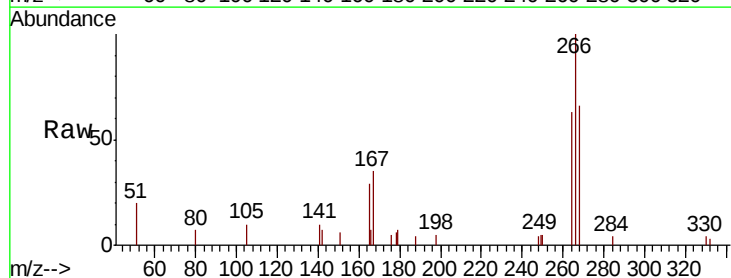


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

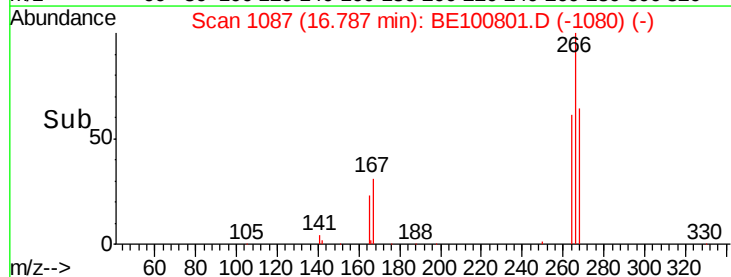
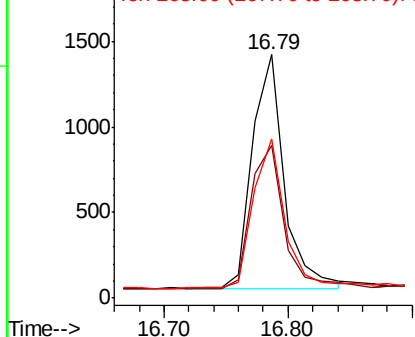


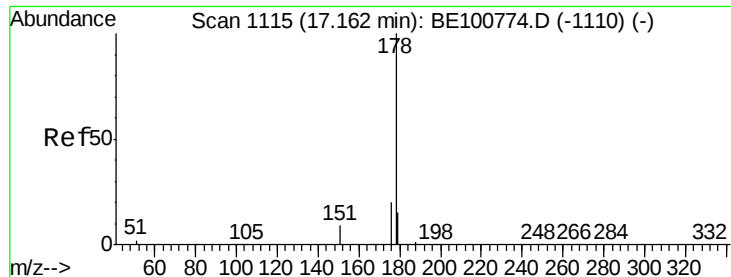
#22
Pentachlorophenol
Concen: 2.040 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:	266	Resp:	2455
Ion Ratio	Lower	Upper	
266	100		
264	62.6	63.4	95.0#
268	65.5	65.8	98.8#



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: 0.396 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

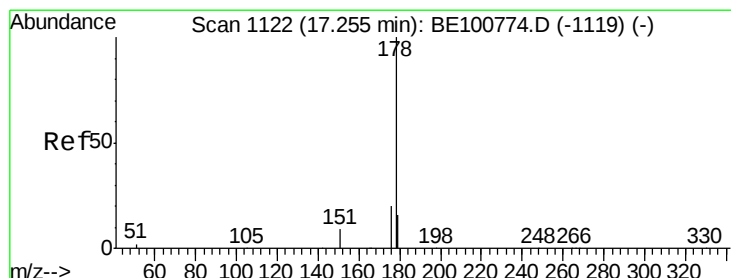
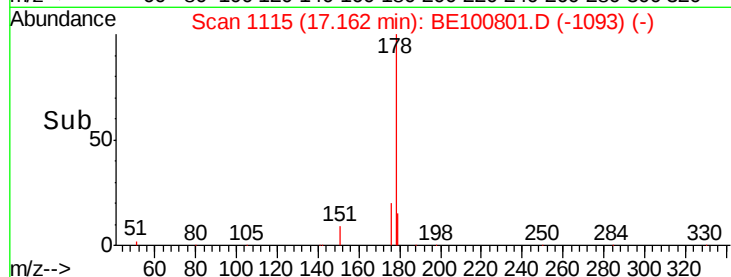
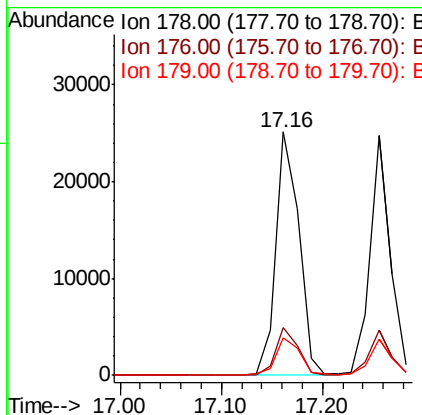
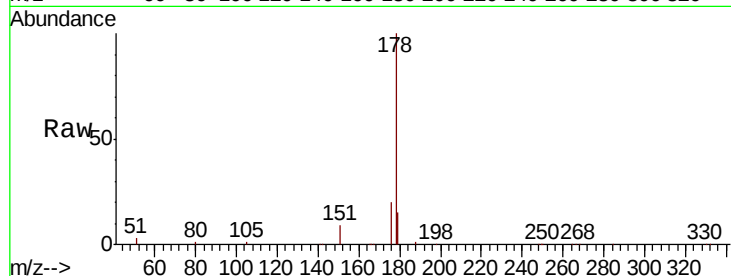
ClientSampleId :

PB125273BSD

Tot Ion:	178	Resp:	39198
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.3	12.3	18.5

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#24

Anthracene

Concen: 0.416 ng

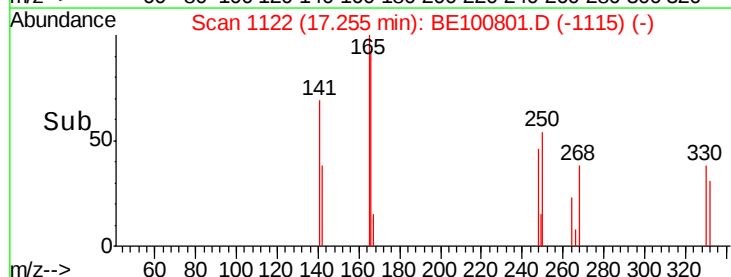
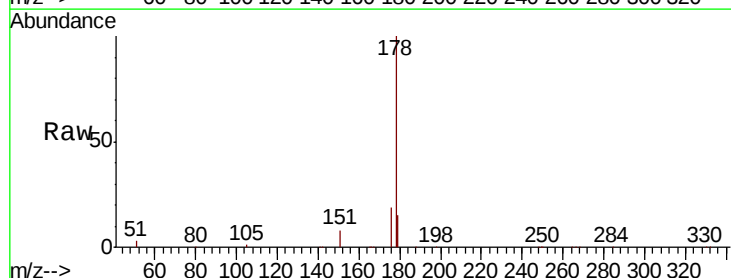
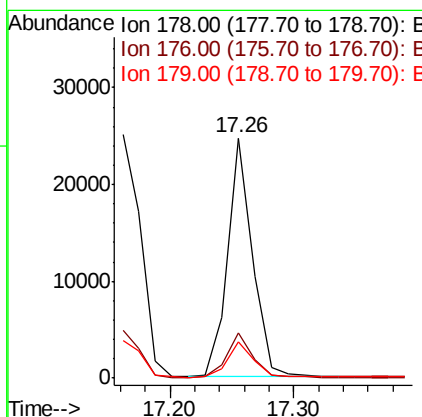
RT: 17.26 min Scan# 1122

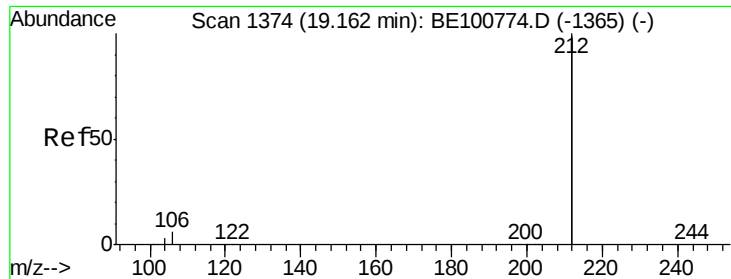
Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Tgt Ion:	178	Resp:	34393
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.5	12.7	19.1





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

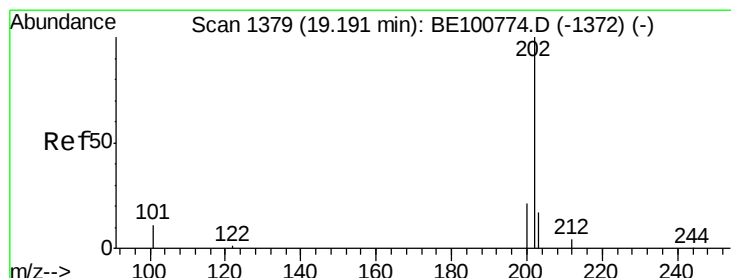
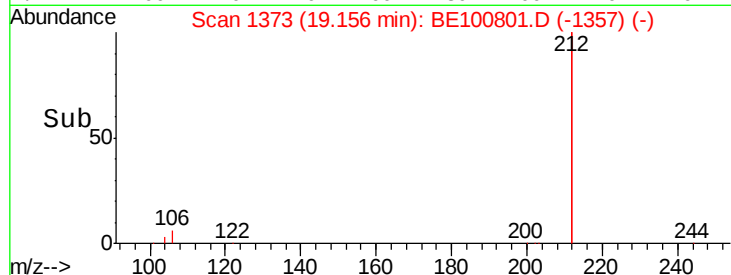
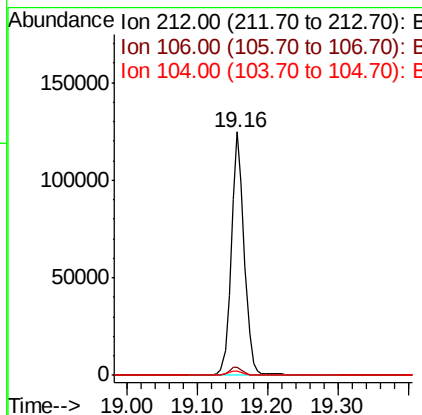
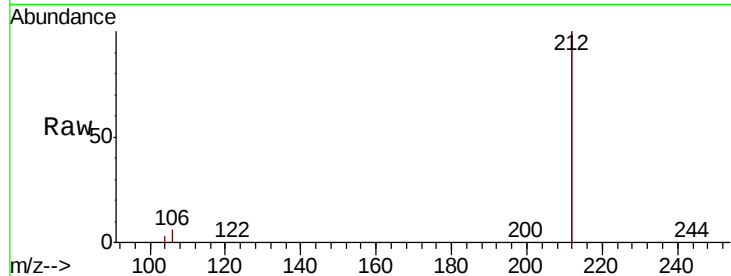
ClientSampleId :

PB125273BSD

Tot Ion:	212	Resp:	157801
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.6	3.8
104	1.8	1.4	2.2

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#26

Fluoranthene

Concen: 0.392 ng

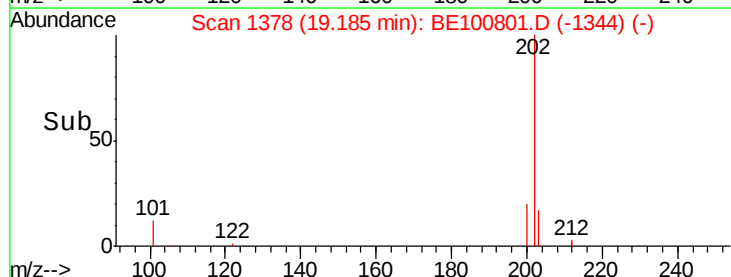
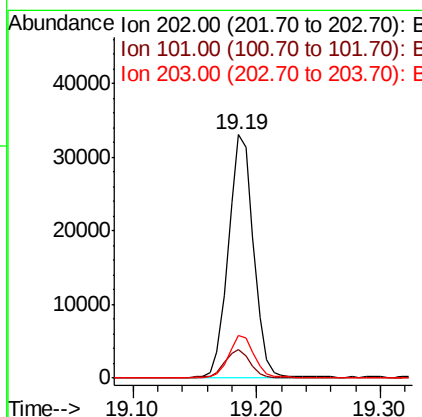
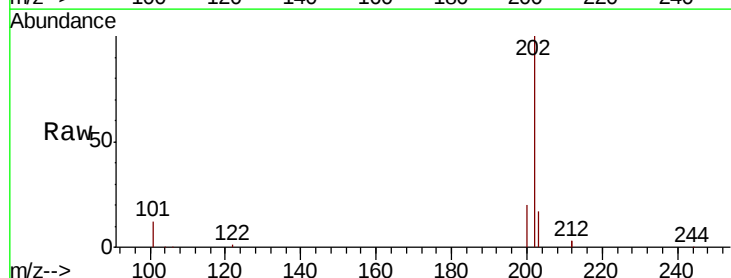
RT: 19.19 min Scan# 1378

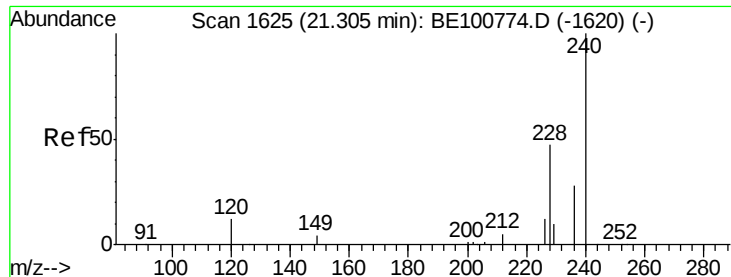
Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Tgt Ion:	202	Resp:	46247
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.1	13.7
203	17.2	13.8	20.6





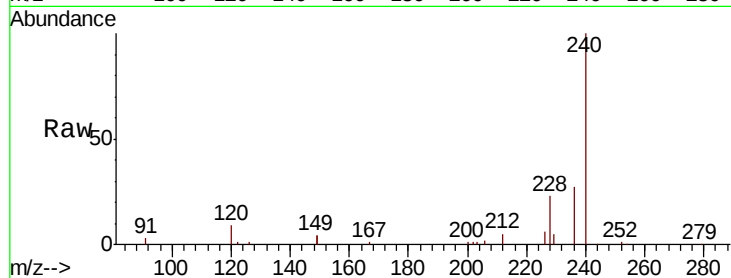
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	10.2	15.2#
236	27.3	22.3	33.5

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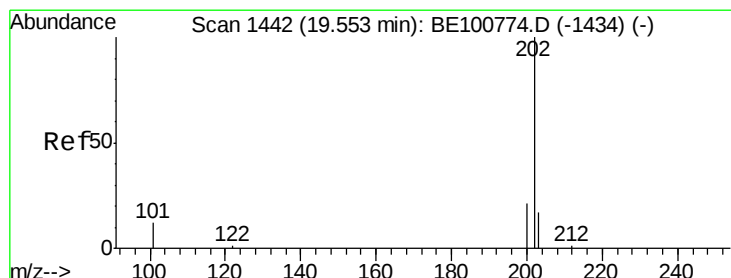
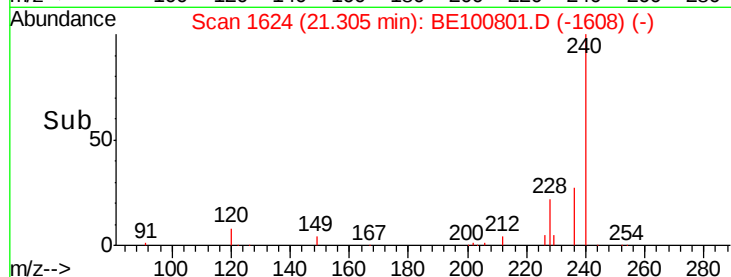
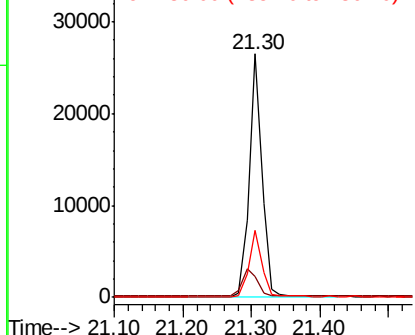


Abundance

Ion 240.00 (239.70 to 240.70): E

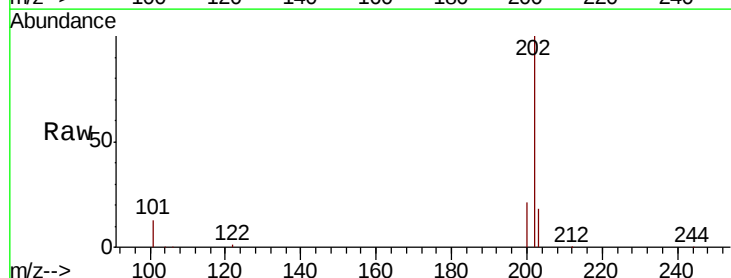
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.423 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.0	13.9	20.9

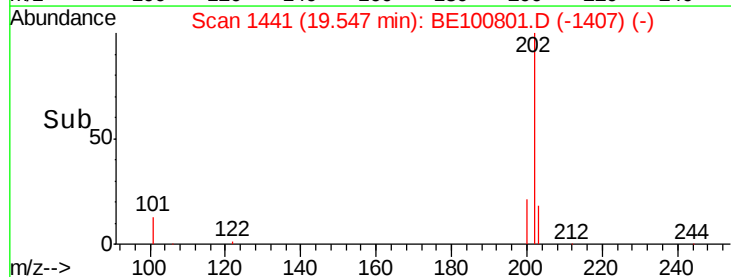
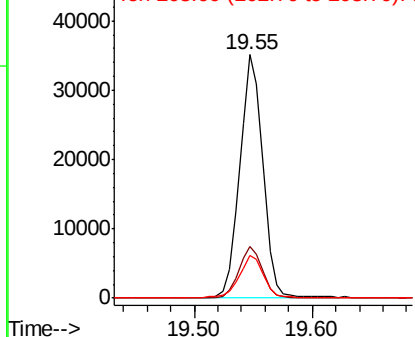


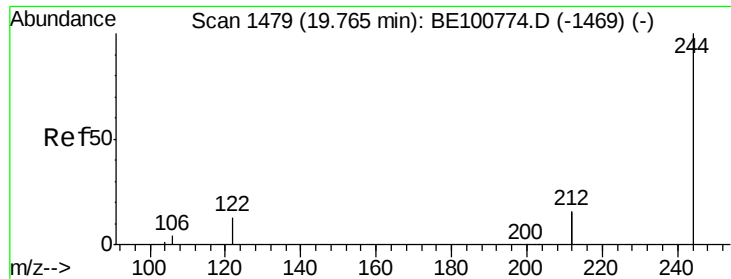
Abundance

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





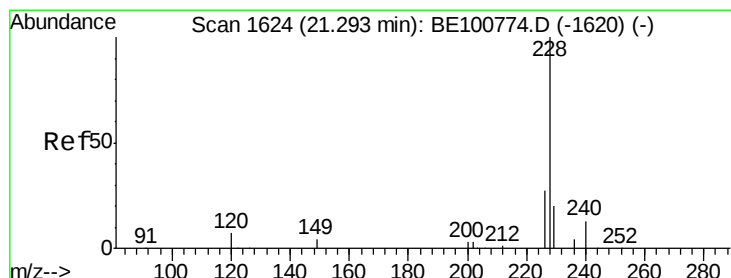
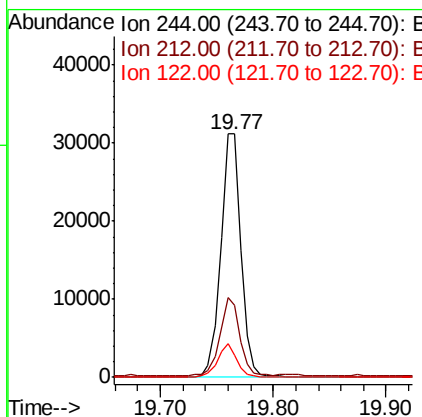
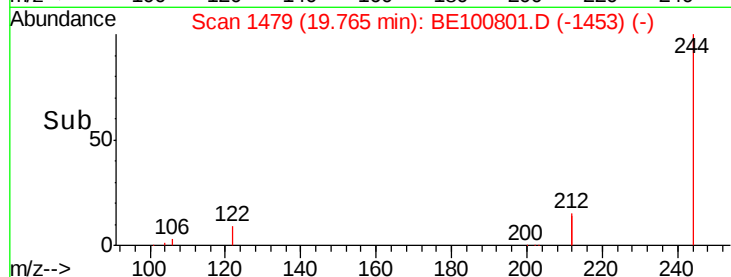
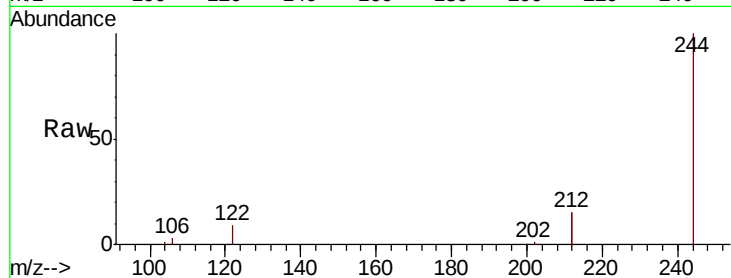
#29
 Terphenyl-d14
 Concen: 0.473 ng
 RT: 19.77 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BE100801.D
 Acq: 6 Dec 2019 11:08

Instrument :
 BNA_E
 ClientSampleId :
 PB125273BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.9	26.2	39.4
122	9.3	10.2	15.4

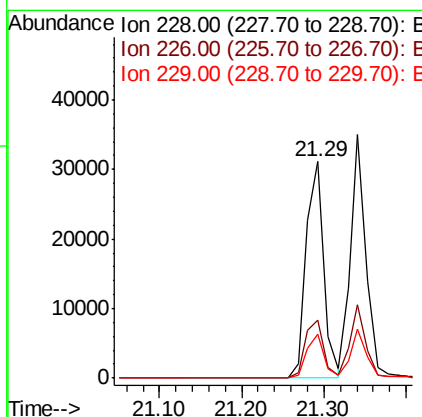
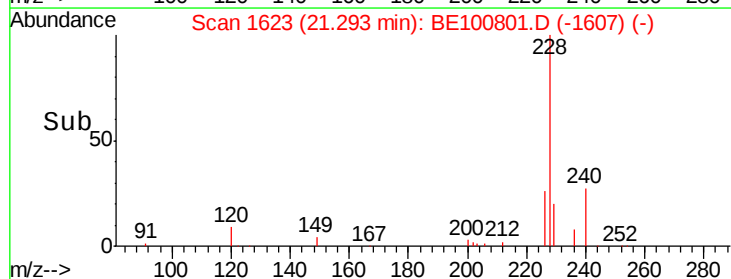
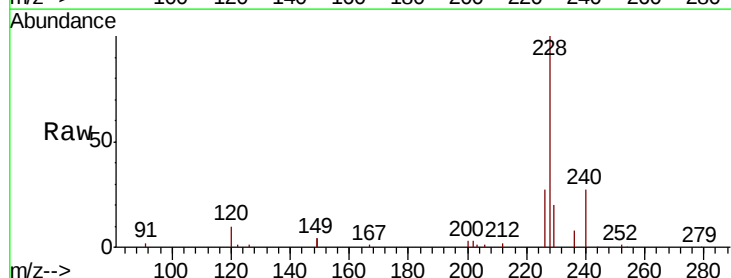
Manual Integrations
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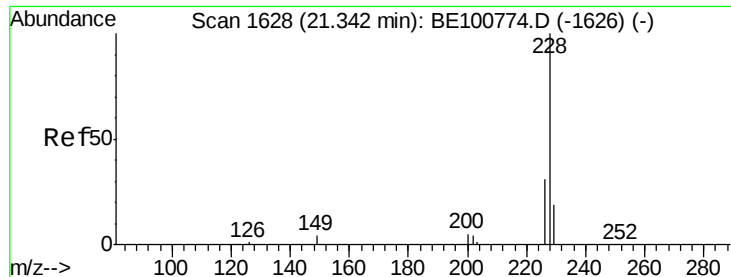
mohammad
 12/9/2019 3:10:16 PM



#30
 Benzo(a)anthracene
 Concen: 0.454 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE100801.D
 Acq: 6 Dec 2019 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.5	32.3
229	20.1	16.0	24.0





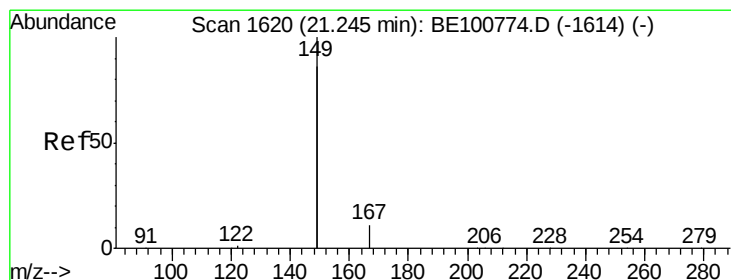
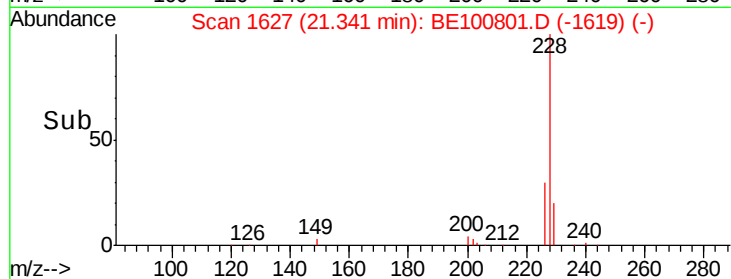
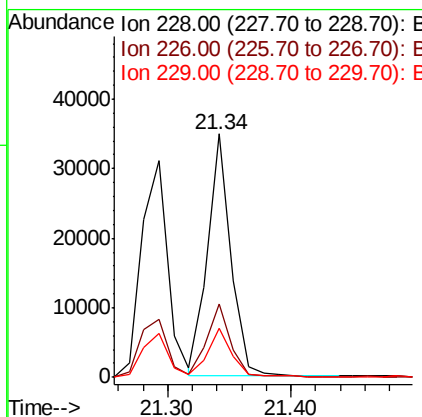
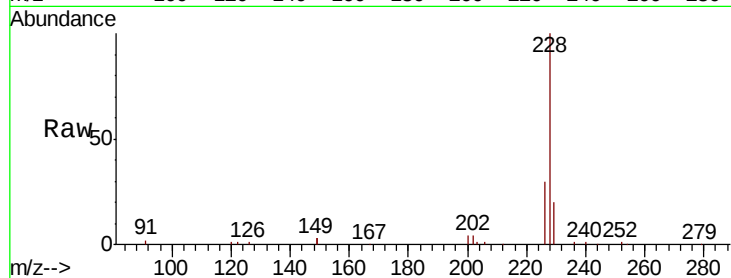
#31
Chrysene
Concen: 0.387 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	20.0	15.4	23.2

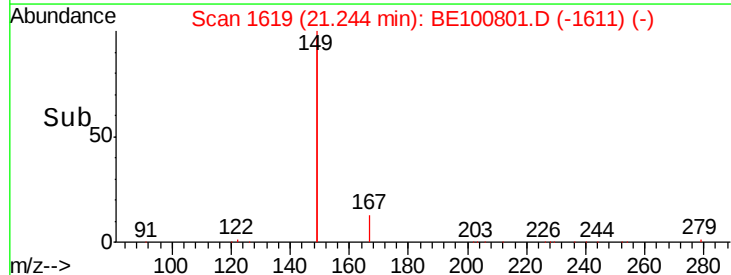
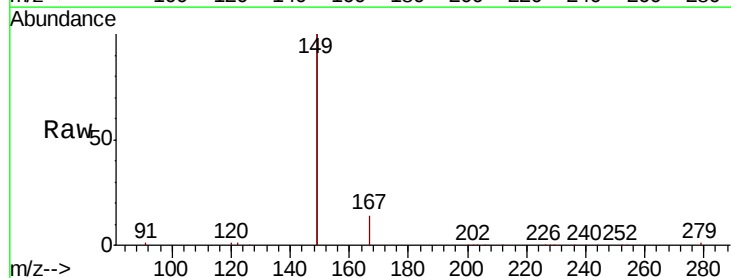
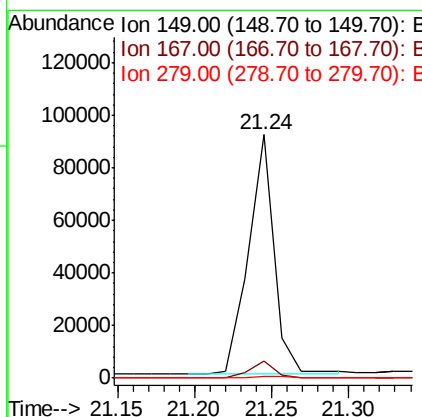
Manual Integrations
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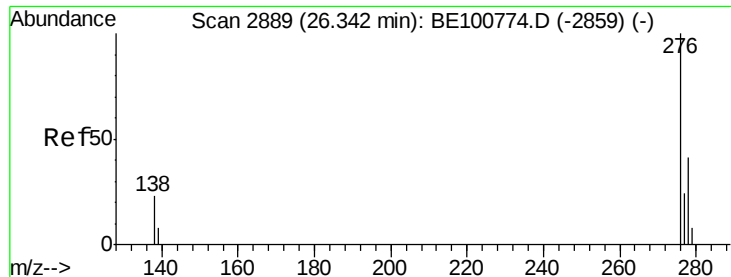
mohammad
12/9/2019 3:10:16 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 1.272 ng
RT: 21.24 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.0	7.6
279	0.8	0.7	1.1





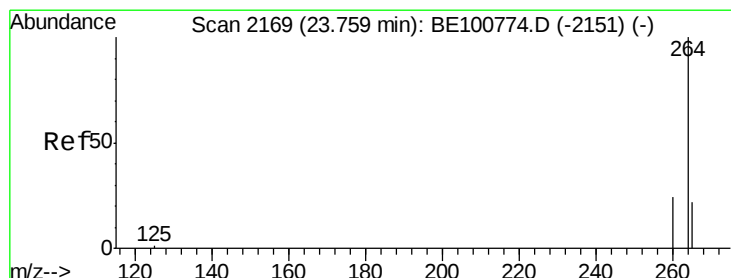
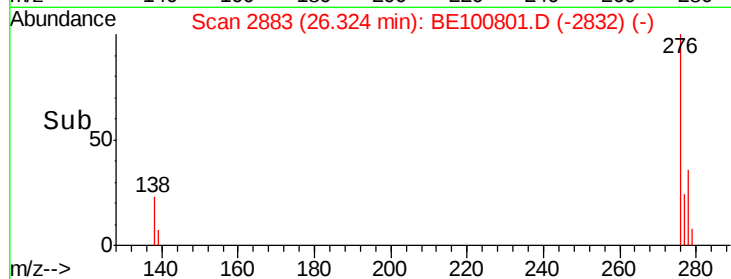
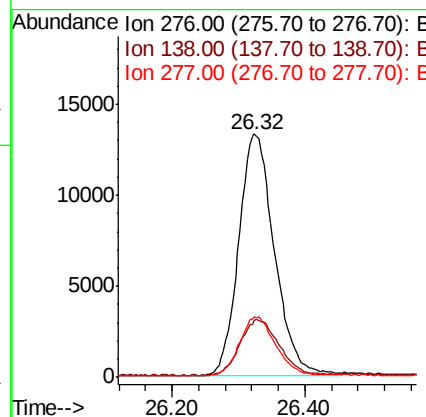
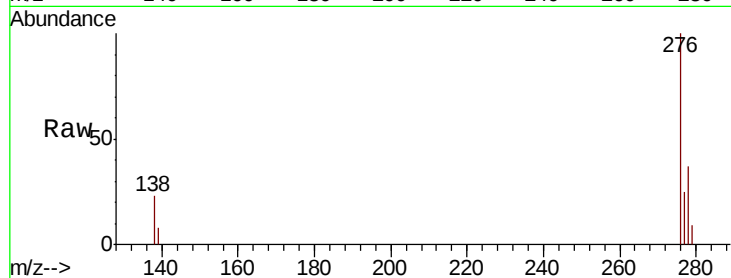
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.485 ng
RT: 26.32 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.4	29.0
277	24.6	19.8	29.6

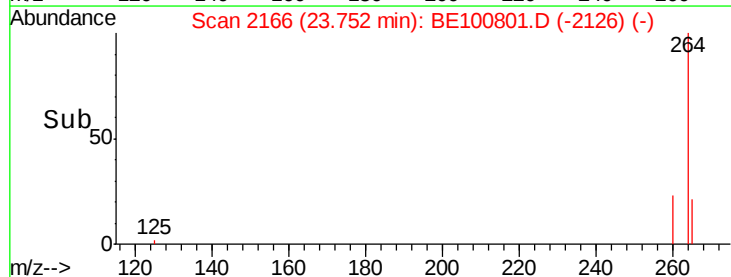
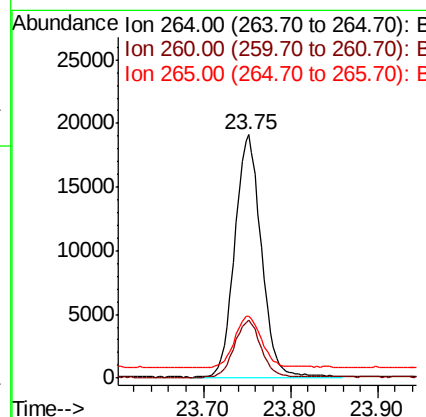
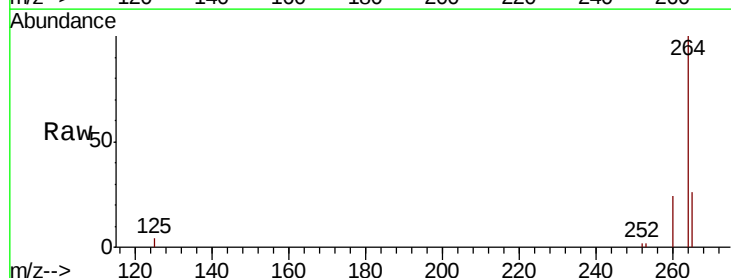
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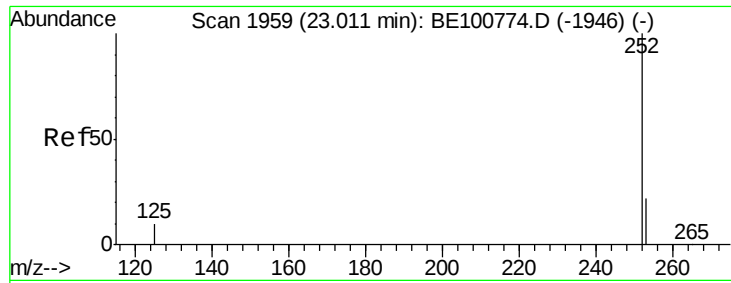
mohammad
12/9/2019 3:10:16 PM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	25.6	21.8	32.8





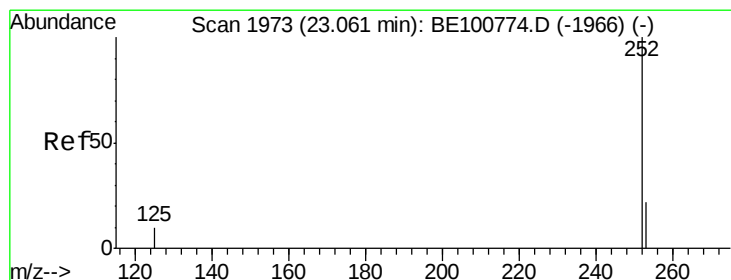
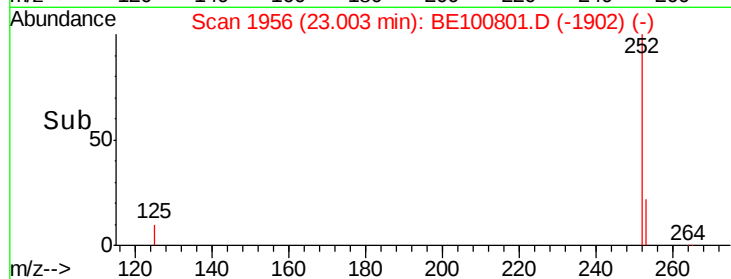
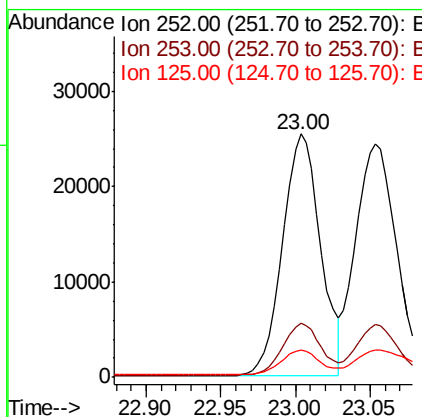
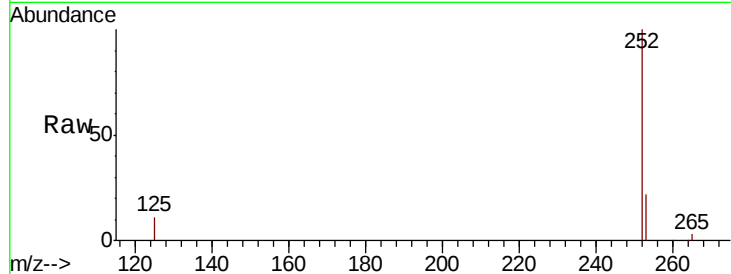
#35
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.2	9.0	13.4

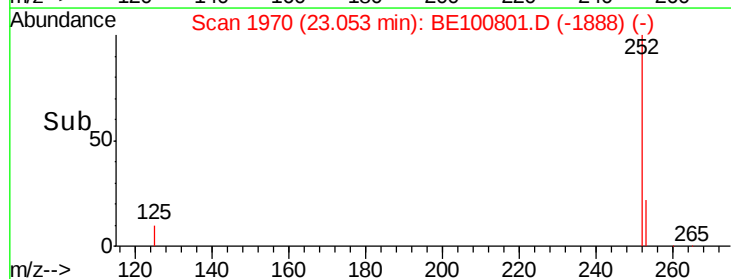
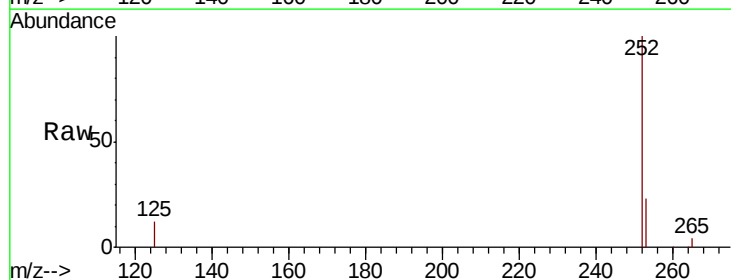
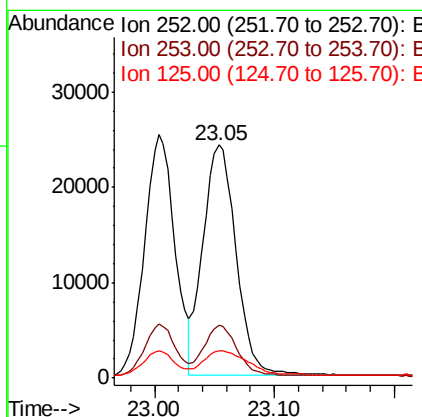
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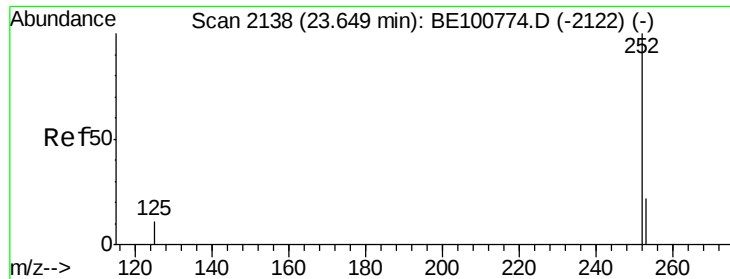
mohammad
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#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.05 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.6	8.7	13.1





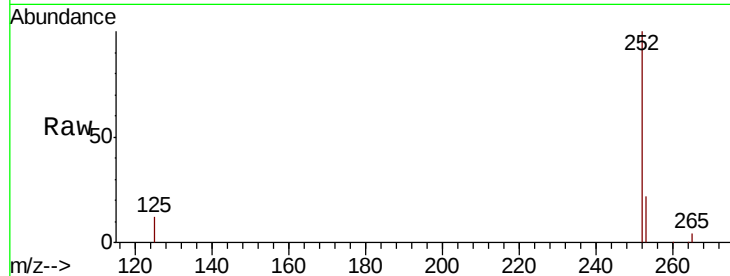
#37
Benzo(a)pyrene
Concen: 0.451 ng
RT: 23.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampled :
PB125273BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.0	10.4	15.6

Manual Integrations
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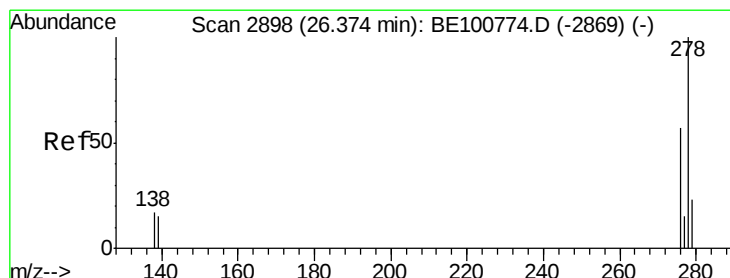
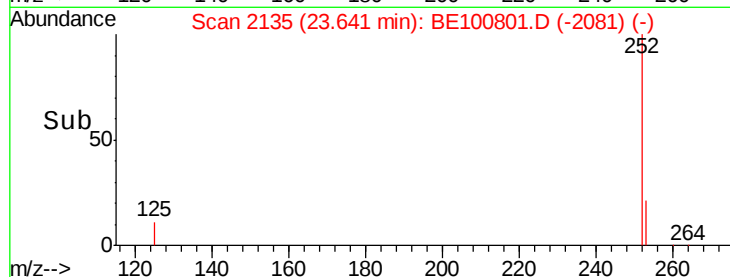
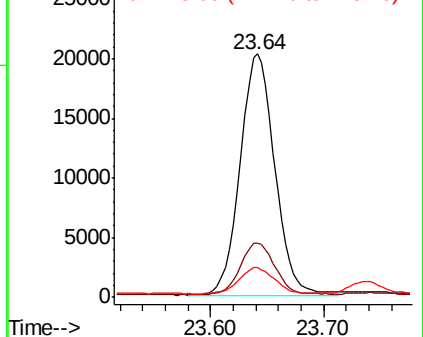


Abundance

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: 0.439 ng
RT: 26.35 min Scan# 2891
Delta R.T. -0.02 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

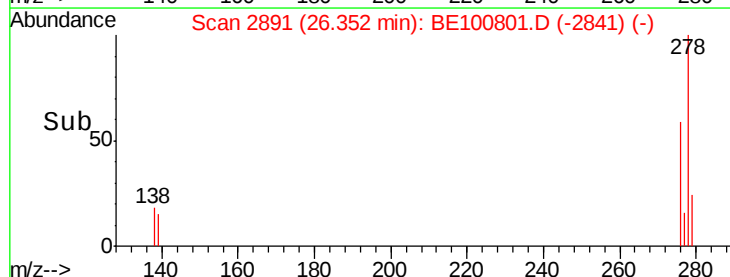
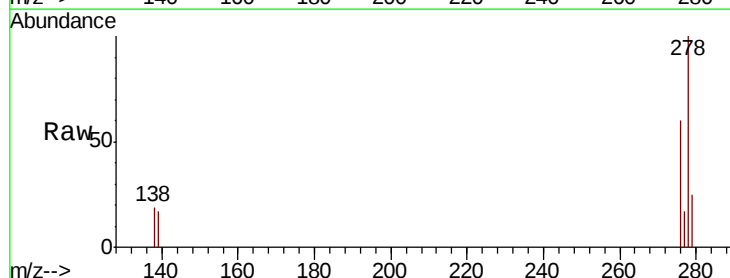
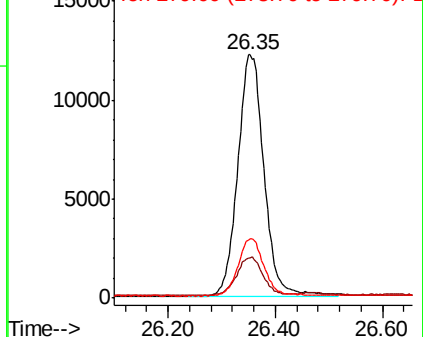
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.0	19.4
279	24.5	19.6	29.4

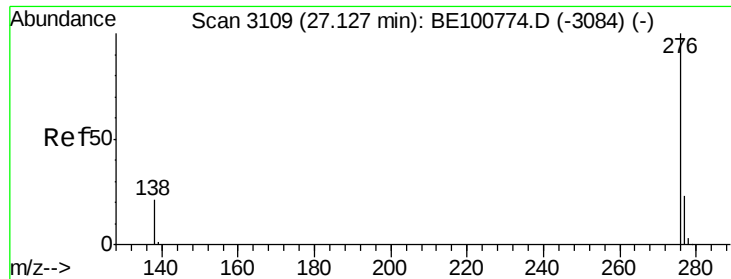
Abundance

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: 0.425 ng

RT: 27.12 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

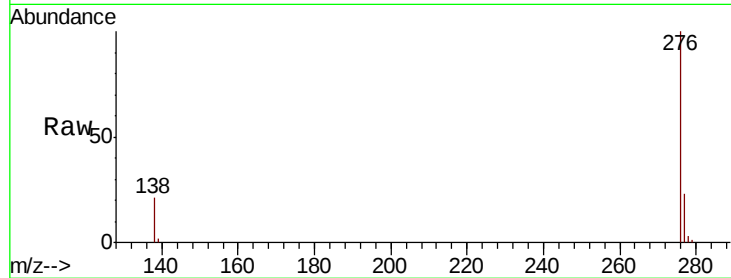
ClientSampleId :

PB125273BSD

Tot Ion:	276	Resp:	43120
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.3	28.9
138	21.4	17.8	26.6

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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

