

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100664.D
 Acq On : 23 Oct 2019 16:38
 Operator : JU
 Sample : PB124100BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB124100BSD

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:12:03 PM

Quant Time: Oct 23 18:22:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	4022	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	16310	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	9031	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	19477	0.40	ng	0.00
27) Chrysene-d12	21.35	240	20102	0.40	ng	0.00
34) Perylene-d12	23.83	264	29058	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	3952	0.32	ng	0.00
5) Phenol-d6	7.01	99	5815	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	3788	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7670m	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	949	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	9854	0.30	ng	0.00
25) Fluoranthene-d10	19.22	212	70408	0.28	ng	0.00
29) Terphenyl-d14	19.82	244	16829	0.38	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.40	88	1988	0.277	ng	# 73
3) n-Nitrosodimethylamine	3.70	42	2451	0.323	ng	90
6) bis(2-Chloroethyl)ether	7.28	93	5096	0.354	ng	97
9) Naphthalene	10.68	128	58952	0.344	ng	100
10) Hexachlorobutadiene	10.98	225	2484	0.333	ng	98
12) 2-Methylnaphthalene	12.30	142	9747	0.333	ng	98
16) Acenaphthylene	14.20	152	13930	0.358	ng	99
17) Acenaphthene	14.53	154	8484	0.338	ng	97
18) Fluorene	15.50	166	11296	0.339	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	3472	0.350	ng	94
21) Hexachlorobenzene	16.52	284	3182	0.337	ng	98
22) Pentachlorophenol	16.85	266	1971	0.648	ng	97
23) Phenanthrene	17.24	178	18449	0.344	ng	99
24) Anthracene	17.32	178	16854	0.339	ng	99
26) Fluoranthene	19.25	202	21972	0.314	ng	100
28) Pyrene	19.61	202	22494	0.401	ng	99
30) Benzo(a)anthracene	21.34	228	22607	0.345	ng	100
31) Chrysene	21.39	228	22880	0.349	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	45115	0.329	ng	100
33) Indeno(1,2,3-cd)pyrene	26.44	276	39848	0.495	ng	100
35) Benzo(b)fluoranthene	23.07	252	27484	0.324	ng	100
36) Benzo(k)fluoranthene	23.12	252	28788	0.330	ng	# 96
37) Benzo(a)pyrene	23.72	252	28958	0.367	ng	99
38) Dibenzo(a,h)anthracene	26.46	278	33368	0.409	ng	100
39) Benzo(g,h,i)perylene	27.23	276	34059	0.415	ng	99

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

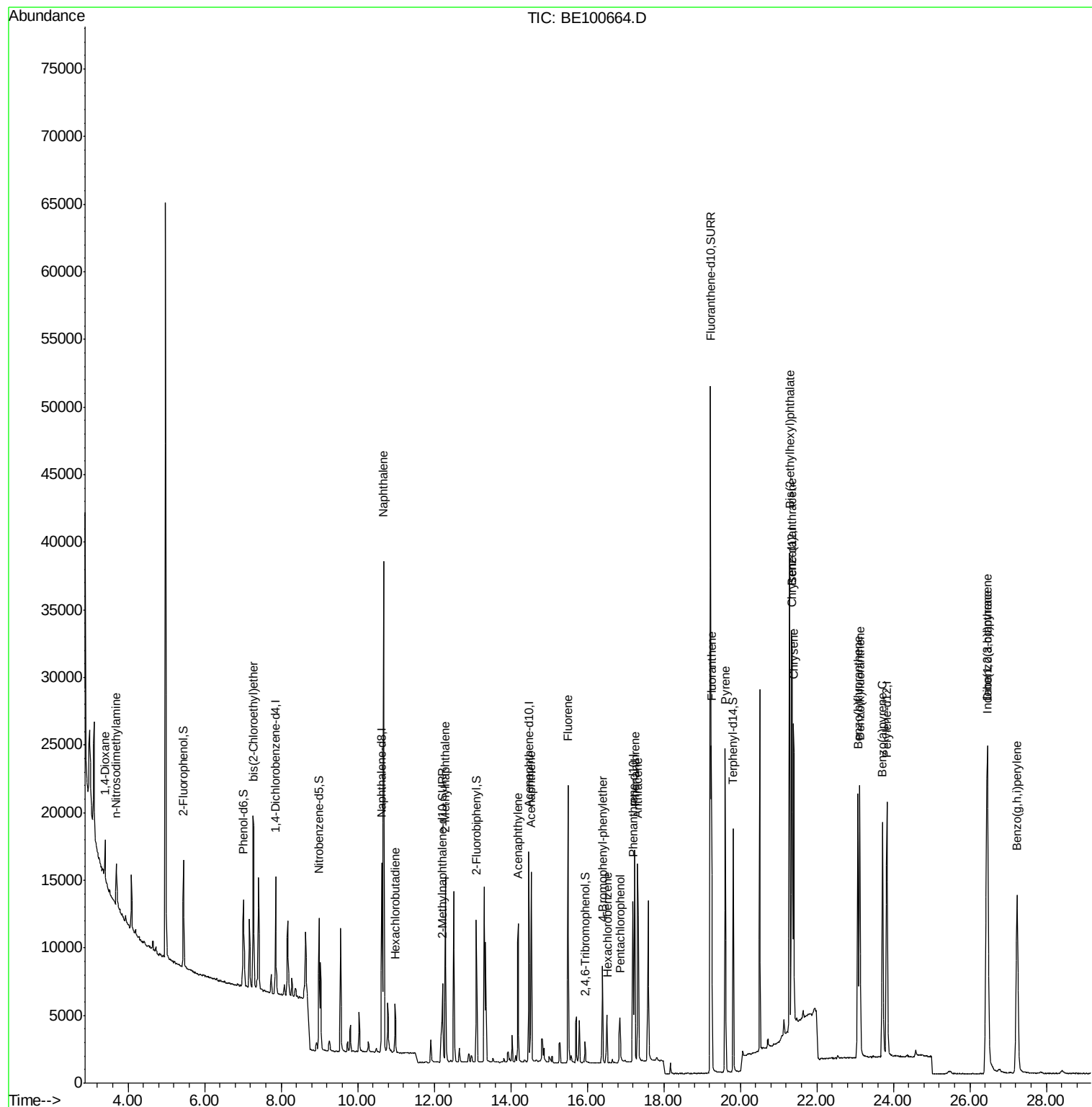
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100664.D
Acq On : 23 Oct 2019 16:38
Operator : JU
Sample : PB124100BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

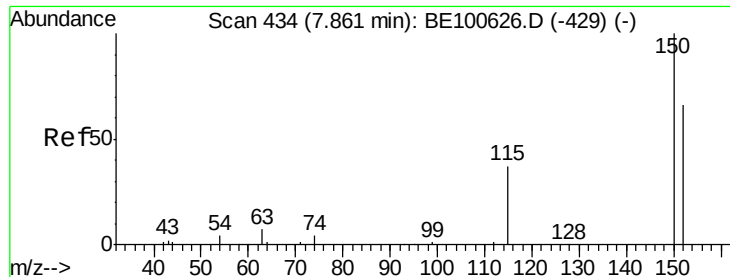
Instrument :
BNA_E
ClientSampleId :
PB124100BSD

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Quant Time: Oct 23 18:22:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

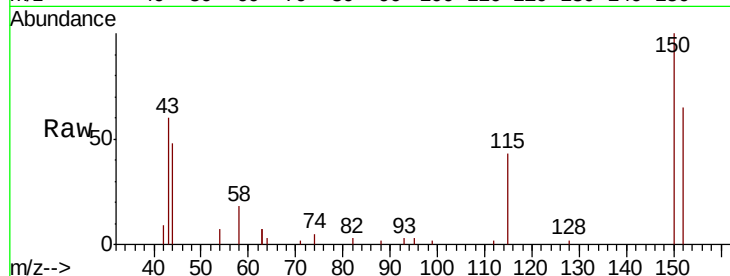
ClientSampleId :

PB124100BSD

Tot Ion:	152	Resp:	4022
Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.3	184.9
115	66.8	51.9	77.9

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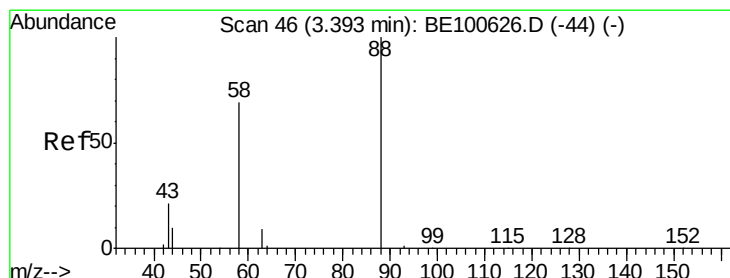
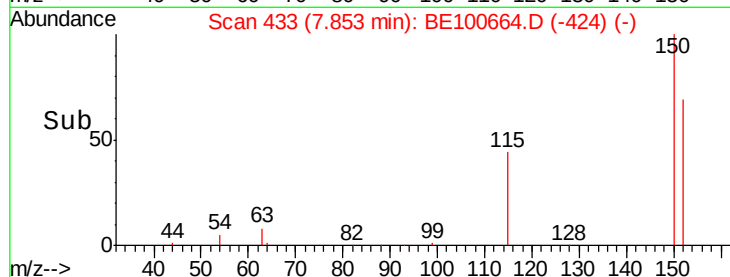
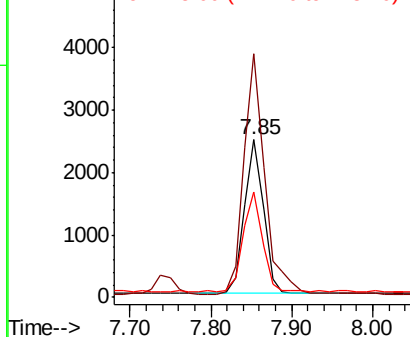


Abundance

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: 0.277 ng

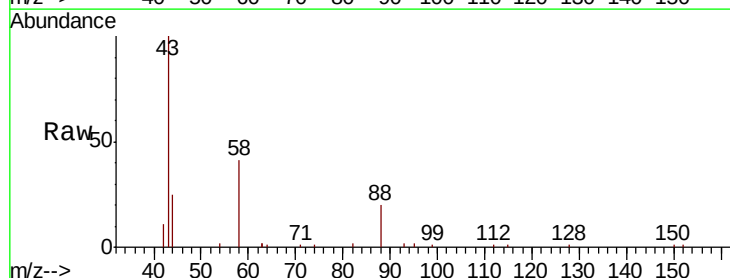
RT: 3.40 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Tgt Ion:	88	Resp:	1988
Ion	Ratio	Lower	Upper
88	100		
58	87.5	59.8	89.6
43	0.0	24.6	36.8#

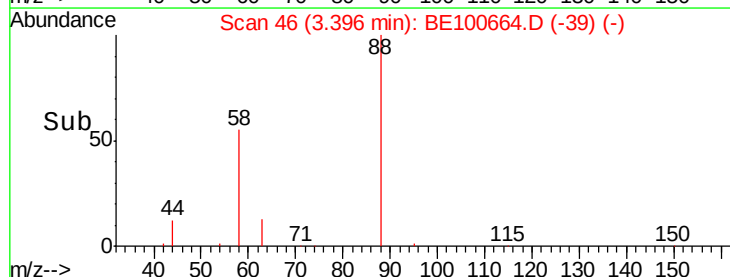
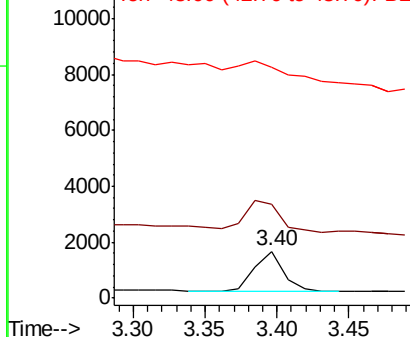


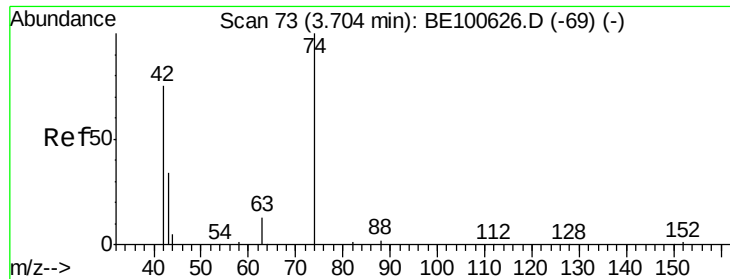
Abundance

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: 0.323 ng

RT: 3.70 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

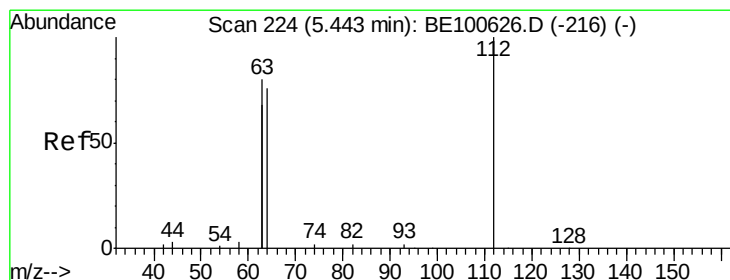
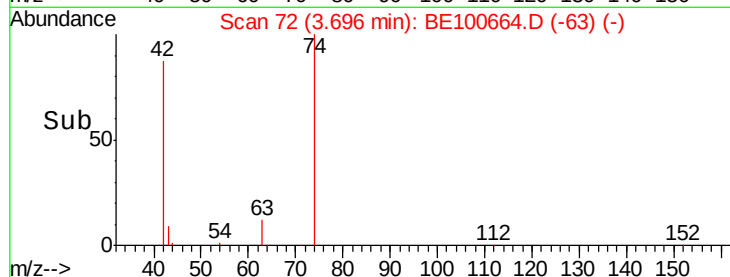
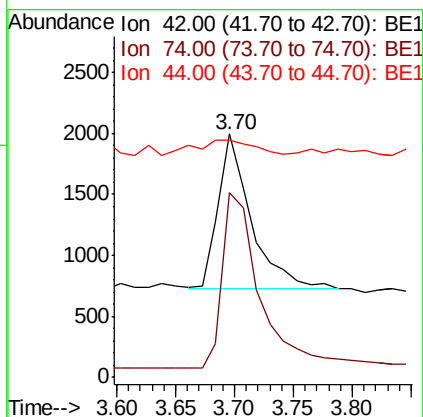
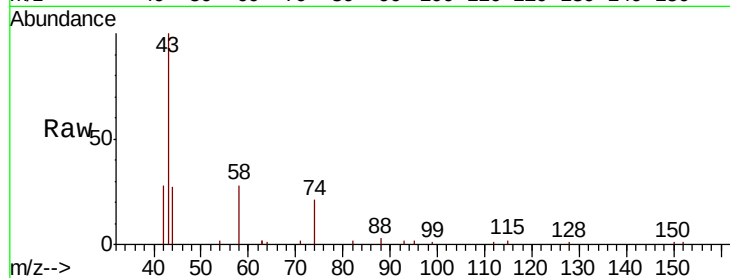
ClientSampleId :

PB124100BSD

Tot Ion:	42	Resp:	2451
Ion	Ratio	Lower	Upper
42	100		
74	132.9	97.2	145.8
44	17.3	16.6	24.8

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#4

2-Fluorophenol

Concen: 0.318 ng

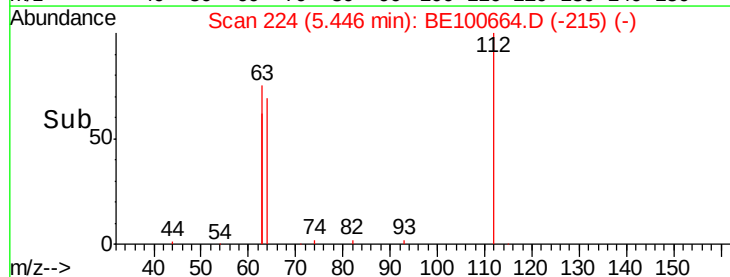
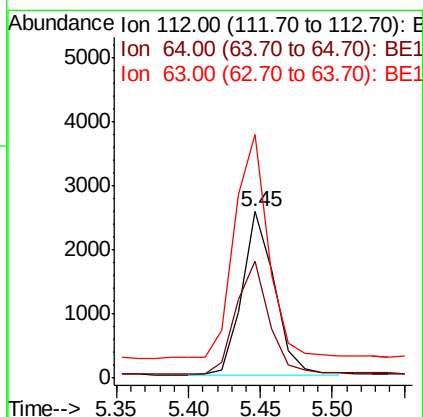
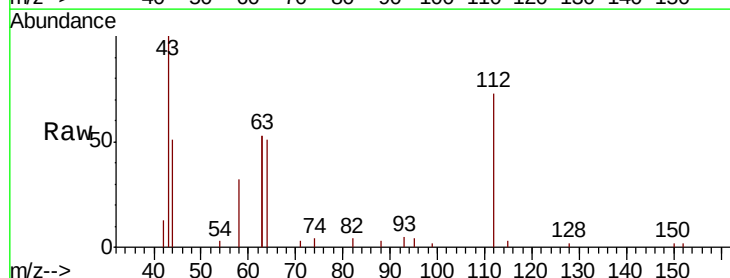
RT: 5.45 min Scan# 224

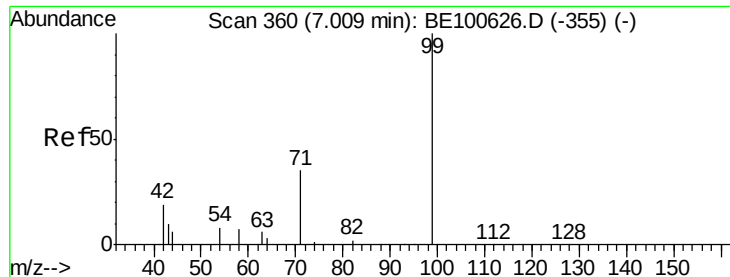
Delta R.T. 0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Tgt Ion:	112	Resp:	3952
Ion	Ratio	Lower	Upper
112	100		
64	70.8	55.4	83.2
63	144.4	114.2	171.4





#5

Phenol-d6

Concen: 0.332 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

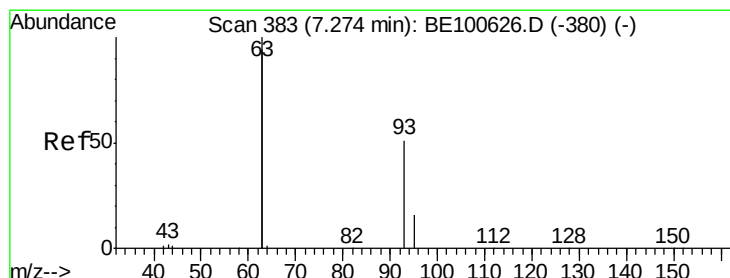
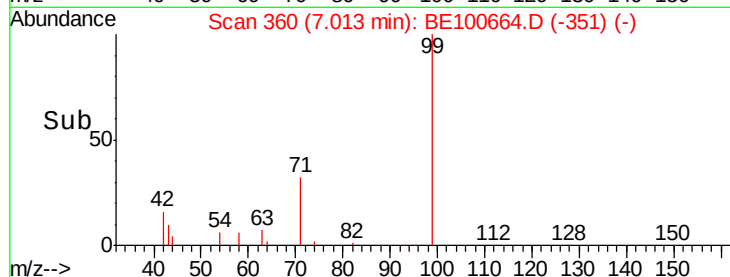
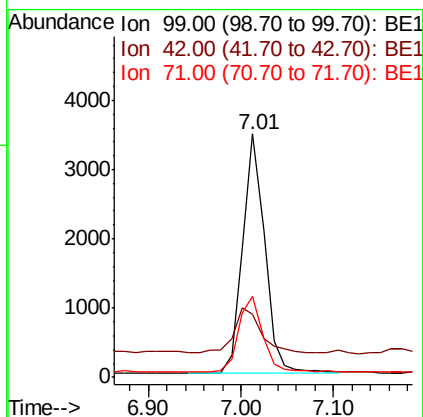
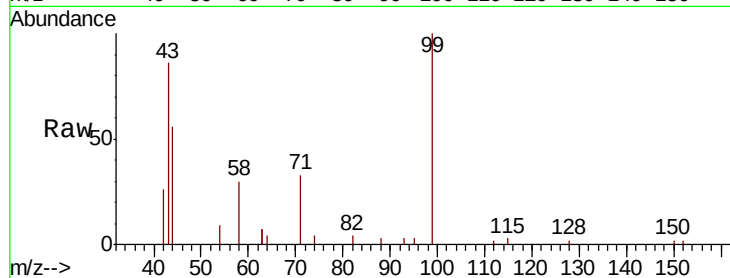
ClientSampleId :

PB124100BSD

Tot Ion:	99	Resp:	5815
Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.7	26.5
71	33.7	27.4	41.0

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#6

bis(2-Chloroethyl)ether

Concen: 0.354 ng

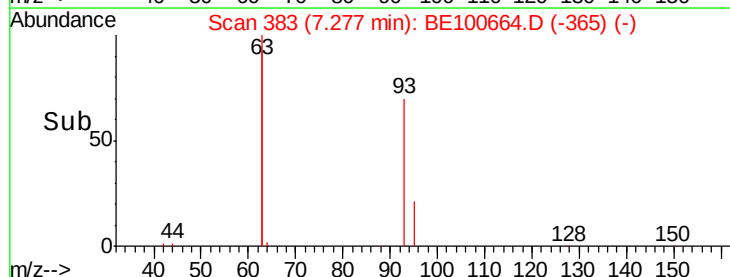
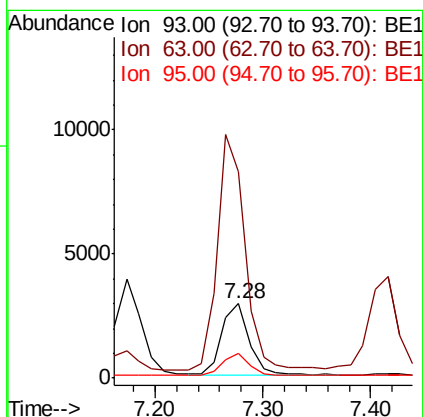
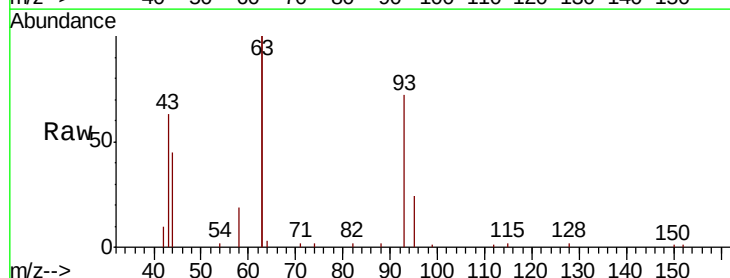
RT: 7.28 min Scan# 383

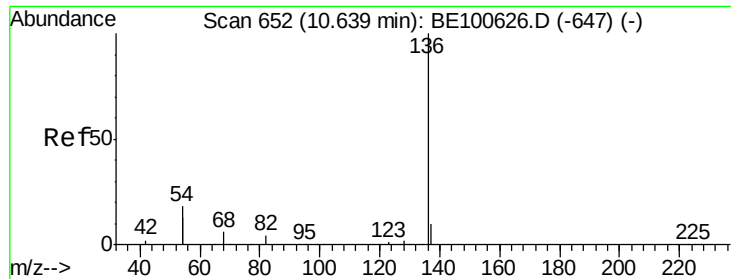
Delta R.T. 0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Tgt Ion:	93	Resp:	5096
Ion	Ratio	Lower	Upper
93	100		
63	329.6	268.8	403.2
95	31.5	25.6	38.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

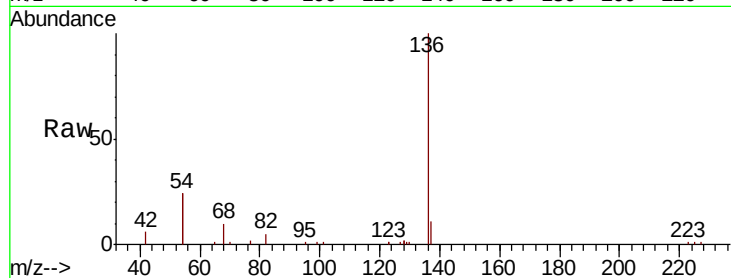
ClientSampleId :

PB124100BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	48.1	39.4	59.2
68	9.6	8.0	12.0

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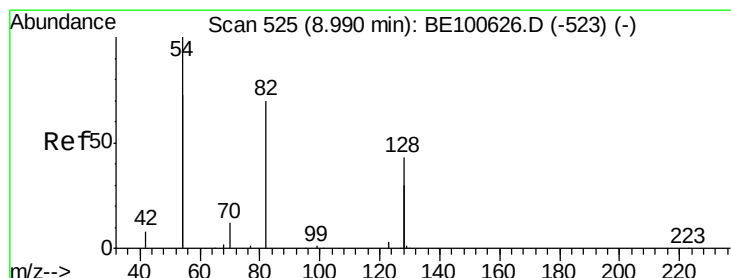
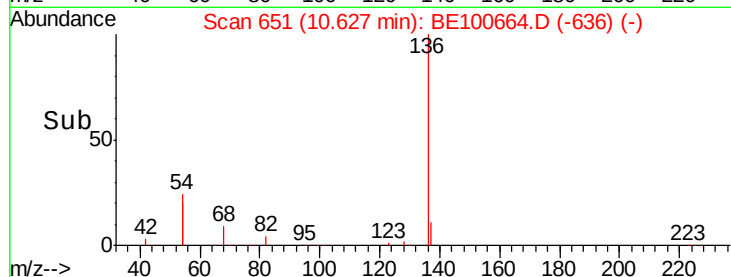
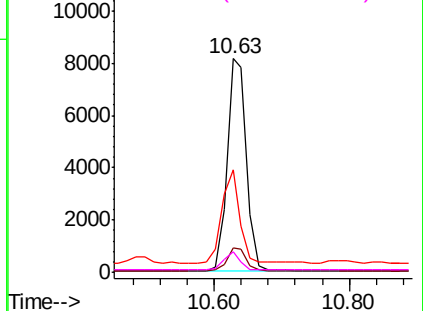
Abundance

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): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.375 ng

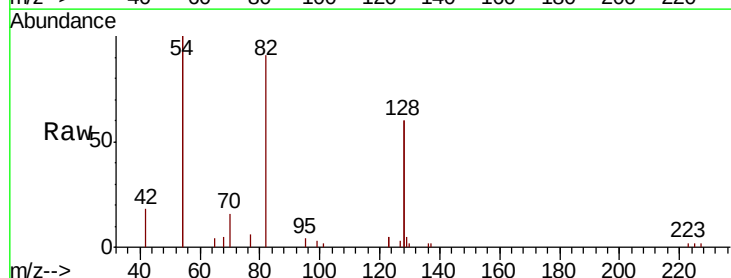
RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
82	100		
128	132.0	107.8	161.8
54	220.4	166.1	249.1

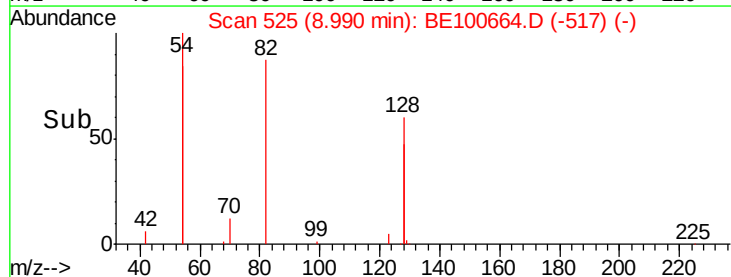
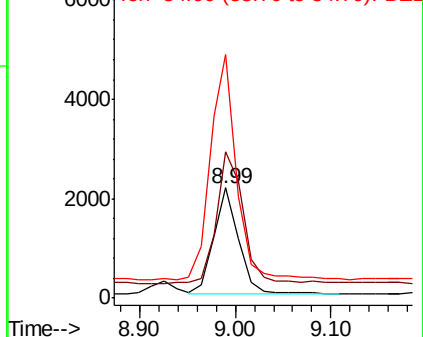


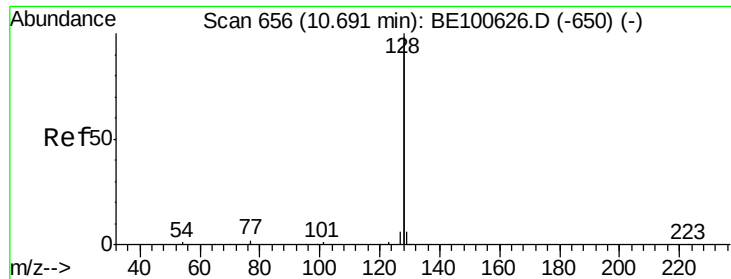
Abundance

Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.344 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

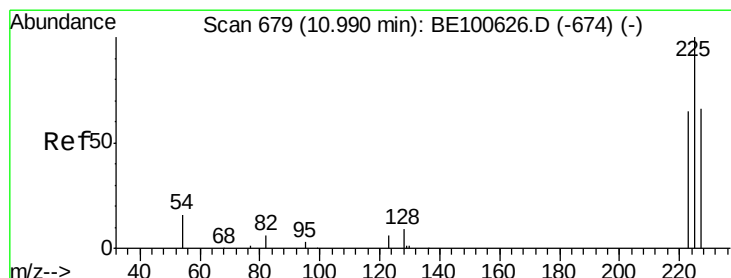
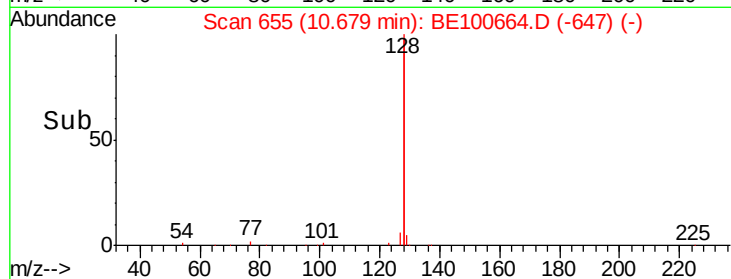
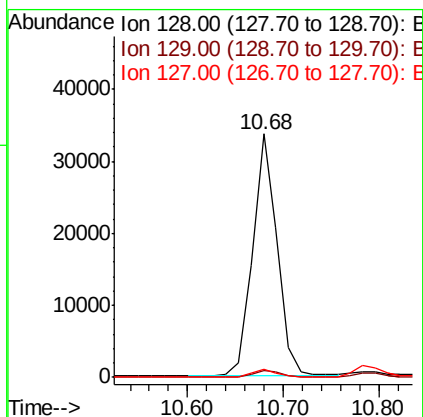
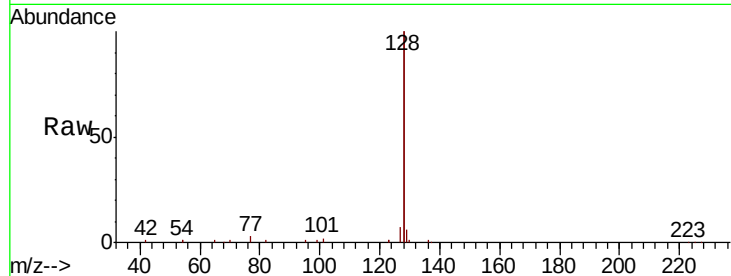
ClientSampleId :

PB124100BSD

Tot Ion:	128	Resp:	58952
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.3	3.5
127	3.3	2.7	4.1

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#10

Hexachlorobutadiene

Concen: 0.333 ng

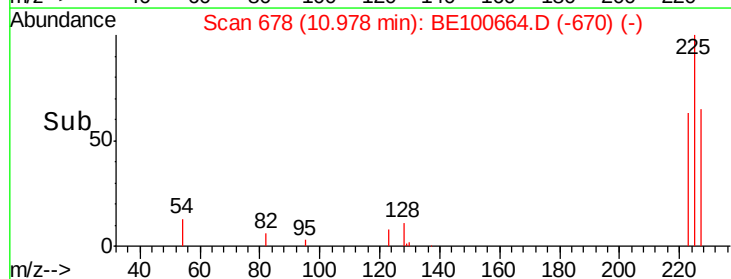
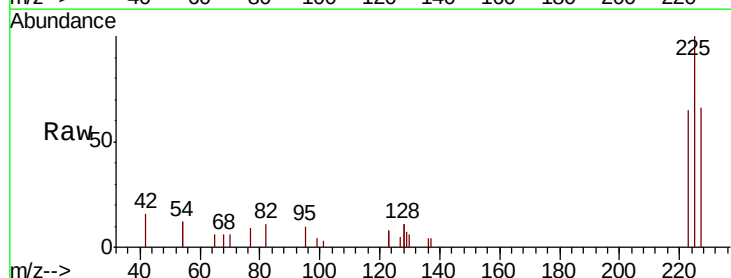
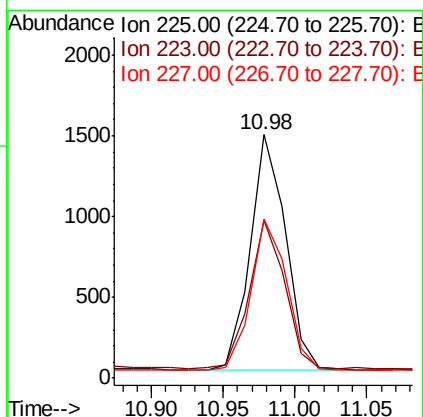
RT: 10.98 min Scan# 678

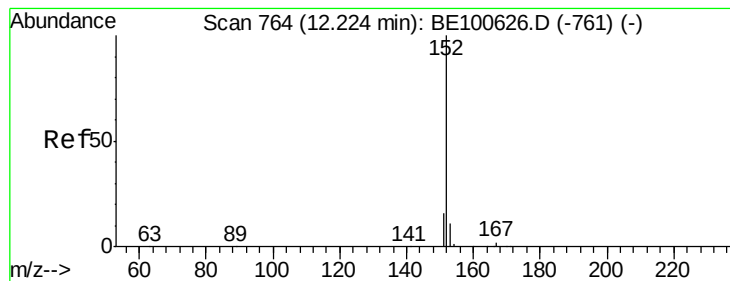
Delta R.T. -0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Tgt Ion:	225	Resp:	2484
Ion Ratio	Lower	Upper	
225	100		
223	62.8	48.6	72.8
227	65.5	51.6	77.4





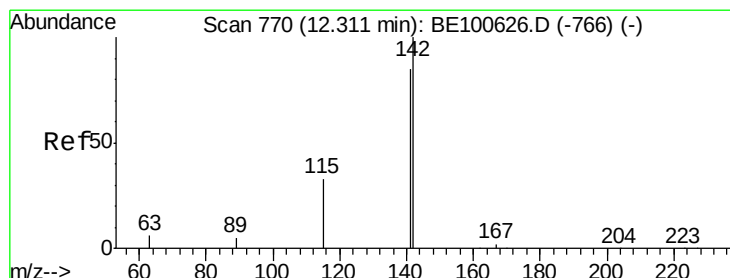
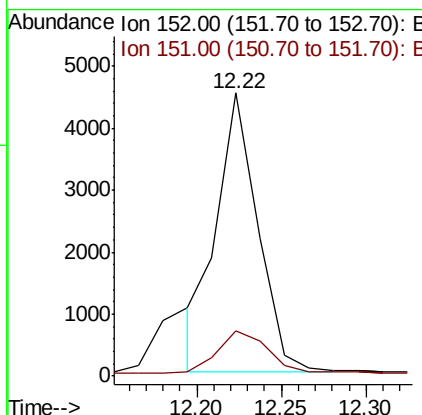
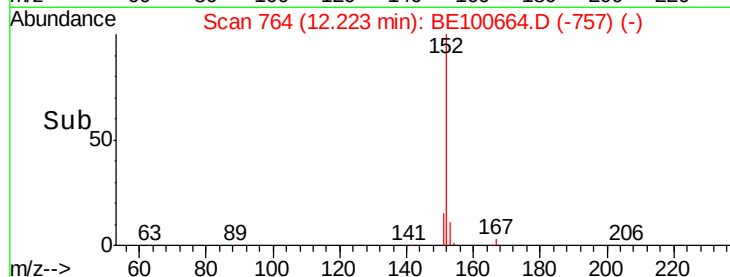
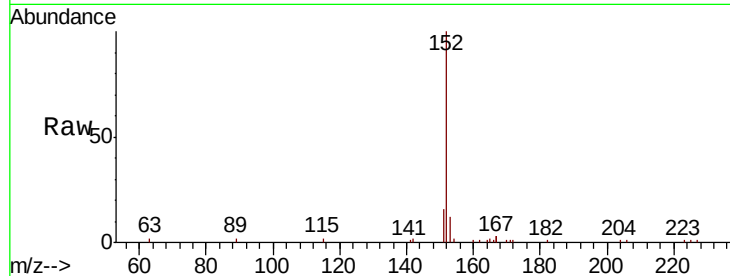
#11
2-Methylnaphthalene-d10
Concen: 0.298 ng m
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tot Ion:152 Resp: 7670
Ion Ratio Lower Upper
152 100
151 18.2 14.7 22.1

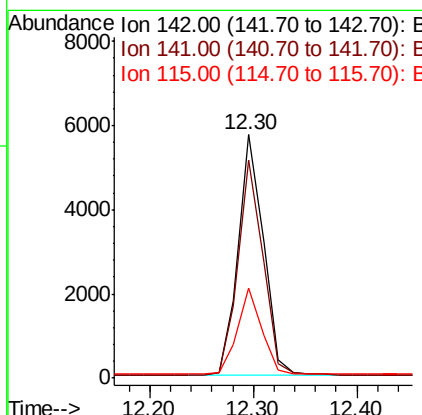
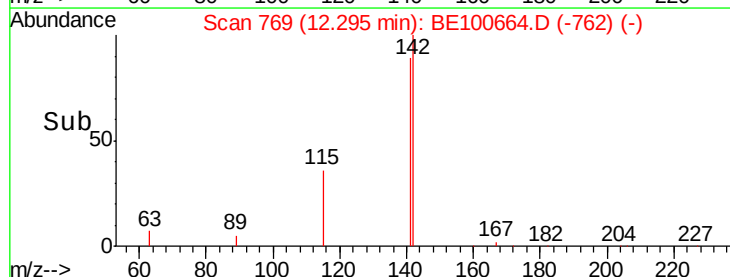
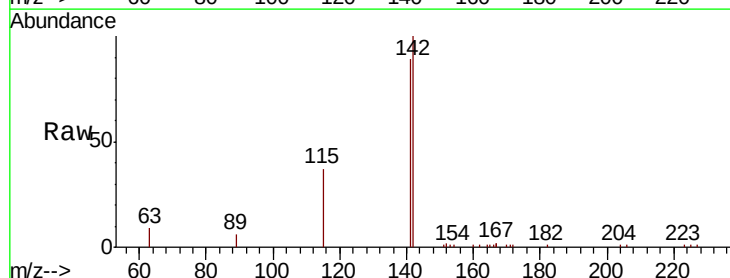
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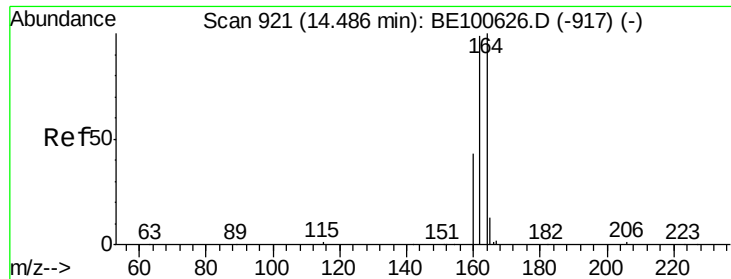
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#12
2-Methylnaphthalene
Concen: 0.333 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion:142 Resp: 9747
Ion Ratio Lower Upper
142 100
141 89.5 70.1 105.1
115 37.0 28.3 42.5





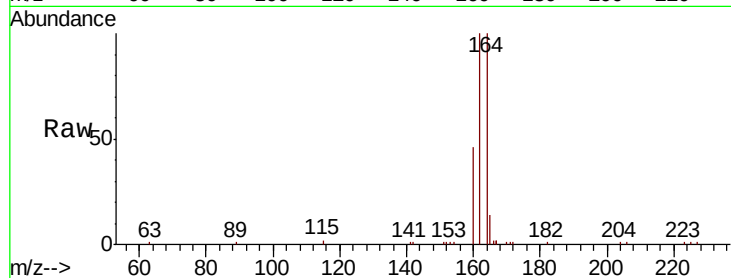
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.0	123.0
160	46.6	37.5	56.3

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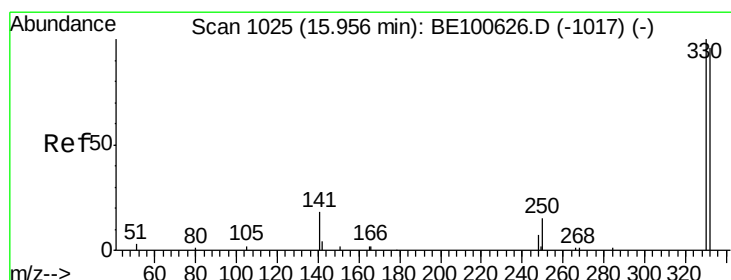
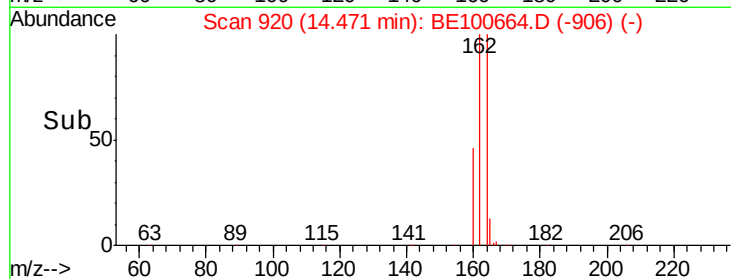
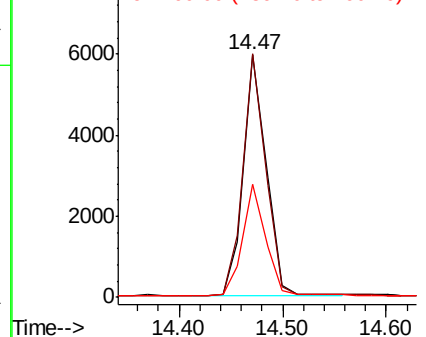


Abundance

Ion 164.00 (163.70 to 164.70): E

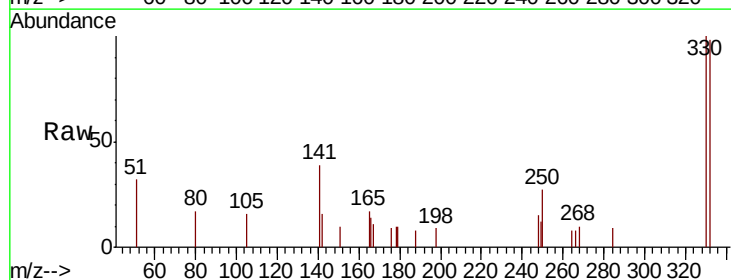
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.9	116.9
141	39.8	33.0	49.6

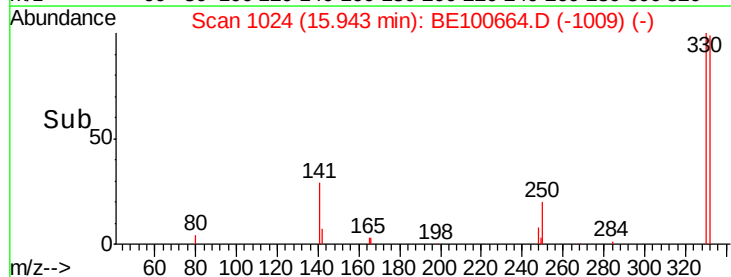
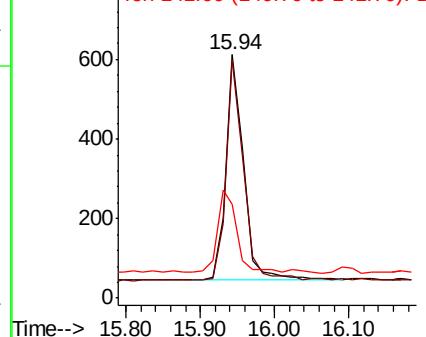


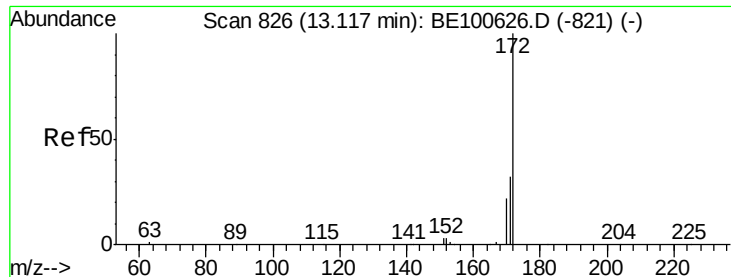
Abundance

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





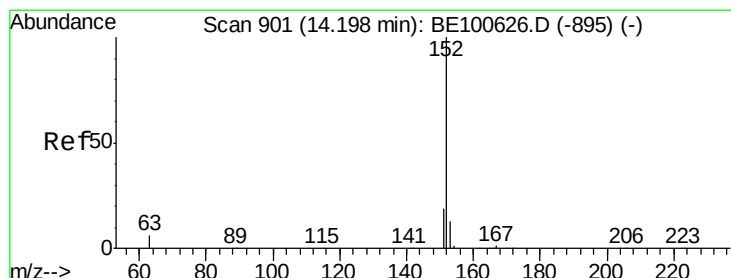
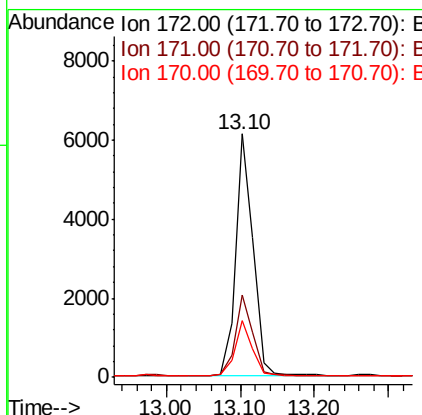
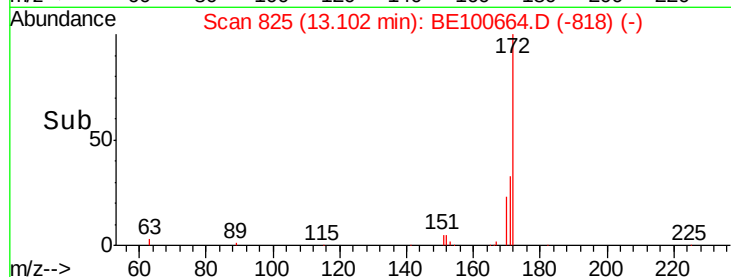
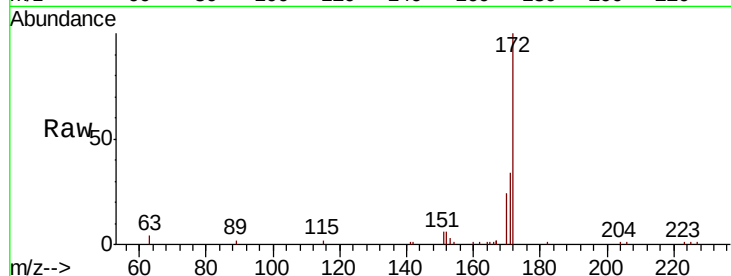
#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.5	39.7
170	23.5	19.0	28.4

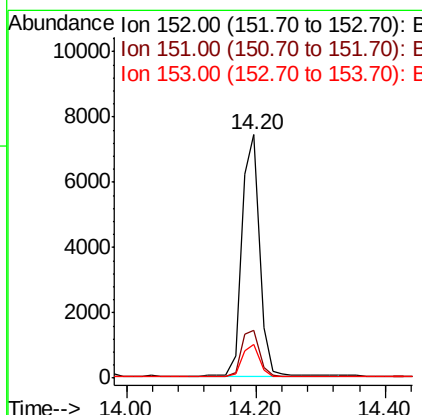
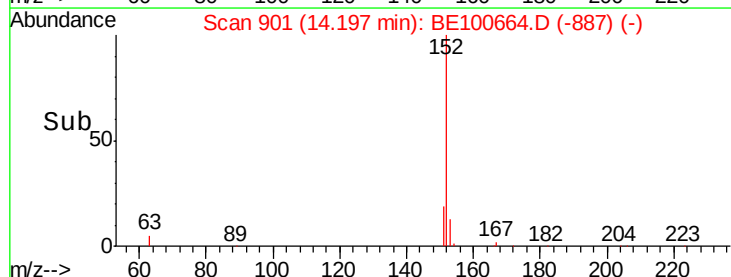
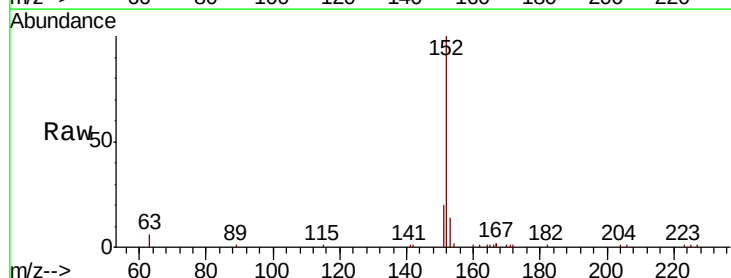
Manual Integrations
APPROVED

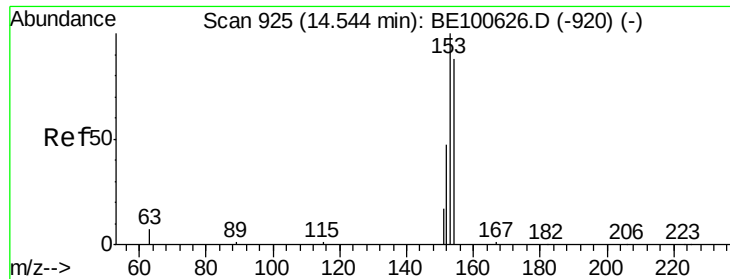
mohammad
10/24/2019 2:12:03 PM



#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.2	22.8
153	13.2	10.3	15.5





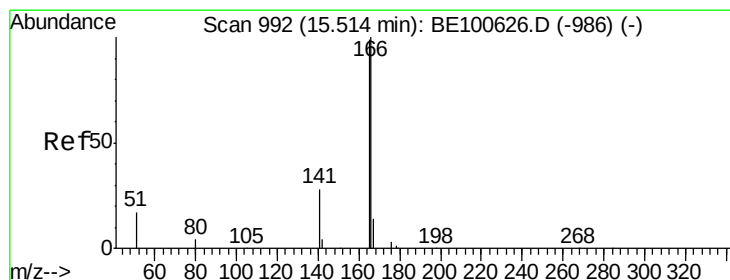
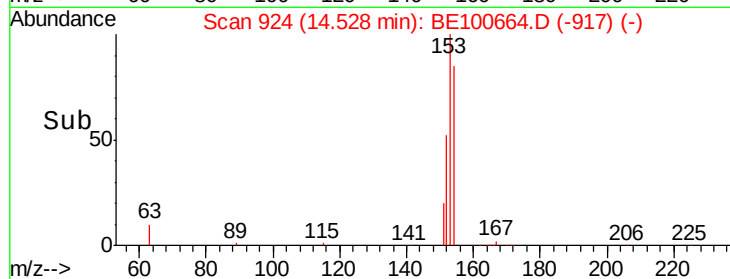
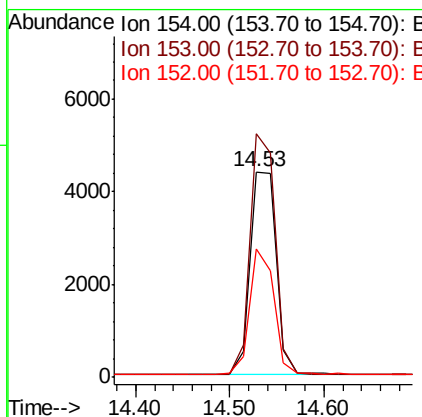
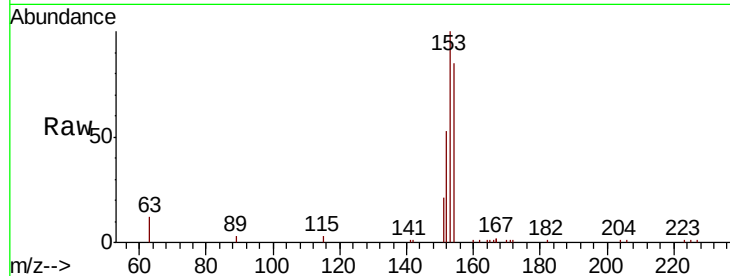
#17
Acenaphthene
Concen: 0.338 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.4	134.2
152	57.5	44.1	66.1

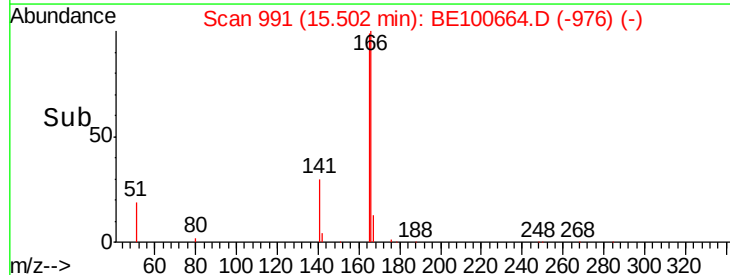
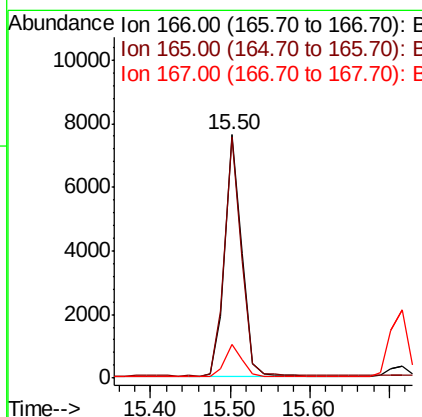
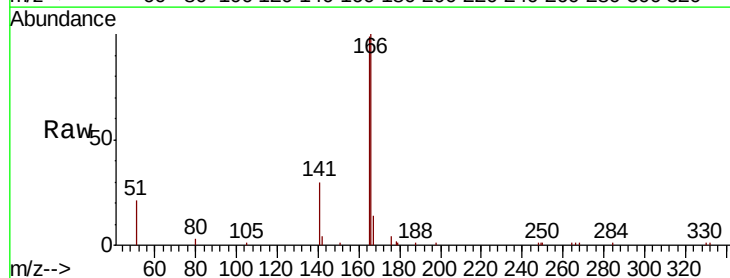
Manual Integrations
APPROVED

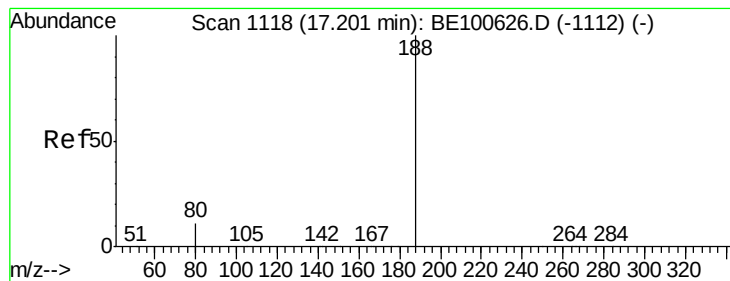
mohammad
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#18
Fluorene
Concen: 0.339 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.2	10.9	16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

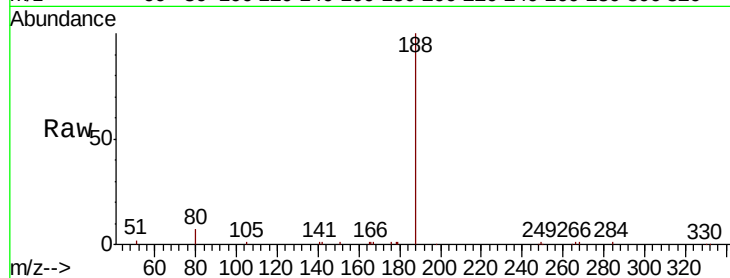
ClientSampleId :

PB124100BSD

Tot Ion:	188	Resp:	19477
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.7	5.4	8.0

Manual Integrations
APPROVED

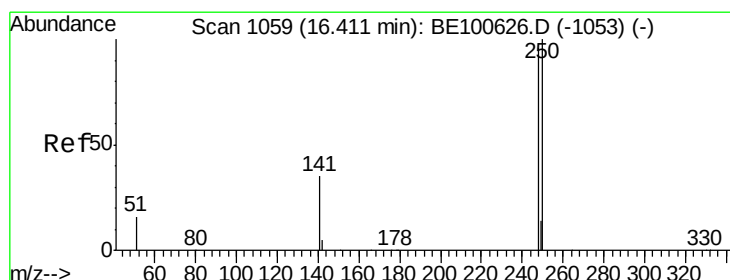
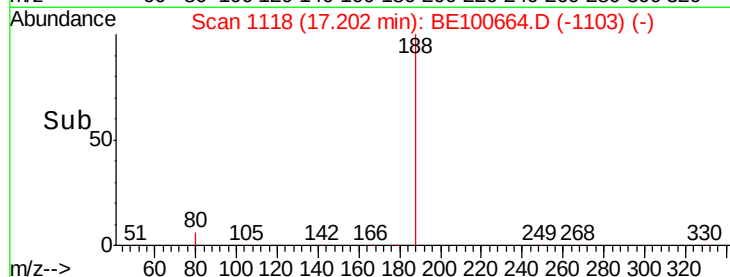
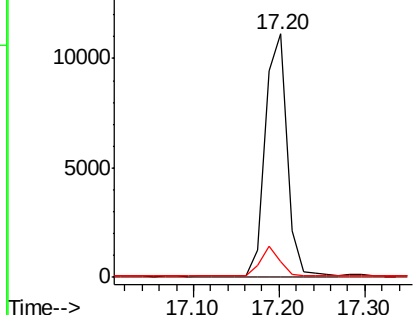
mohammad
10/24/2019 2:12:03 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.350 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100664.D

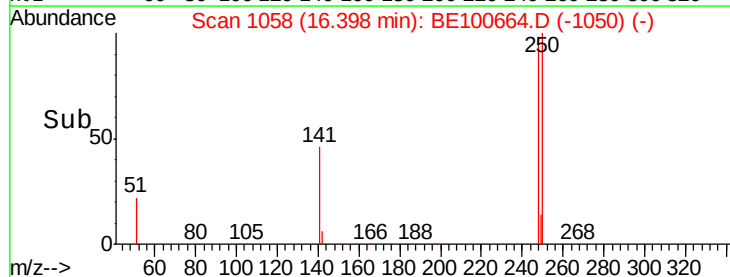
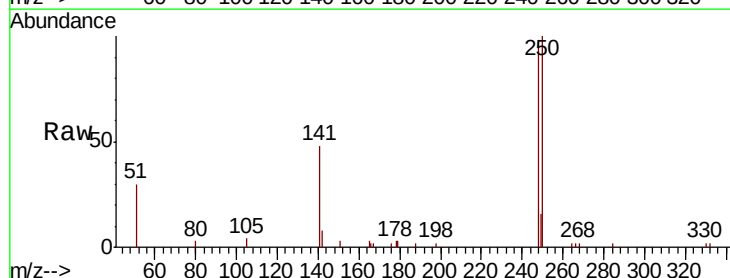
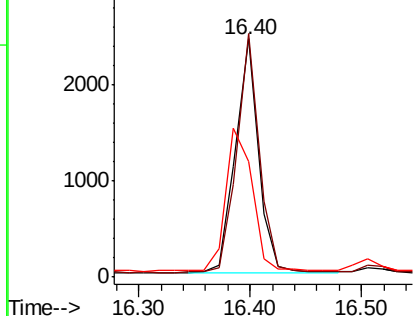
Acq: 23 Oct 2019 16:38

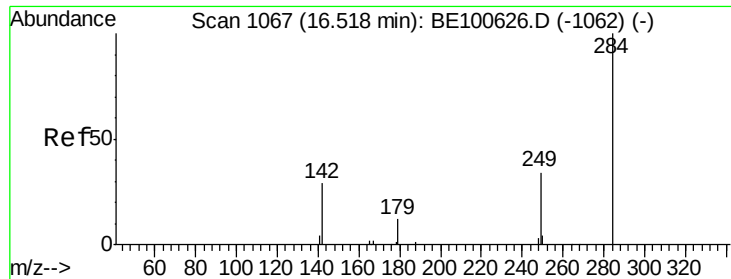
Tgt Ion:	248	Resp:	3472
Ion Ratio	Lower	Upper	
248	100		
250	102.3	76.3	114.5
141	48.6	37.3	55.9

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





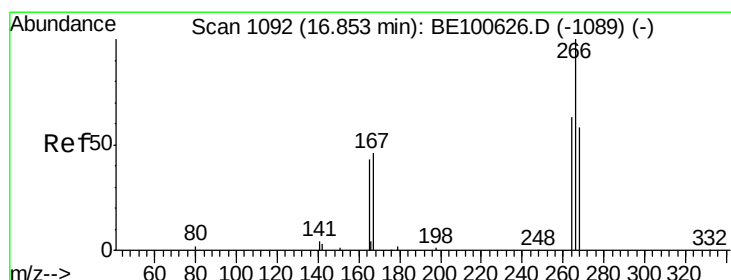
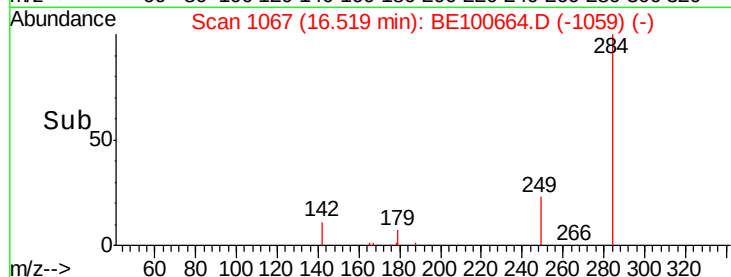
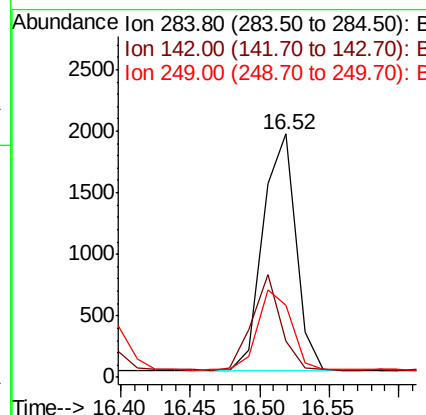
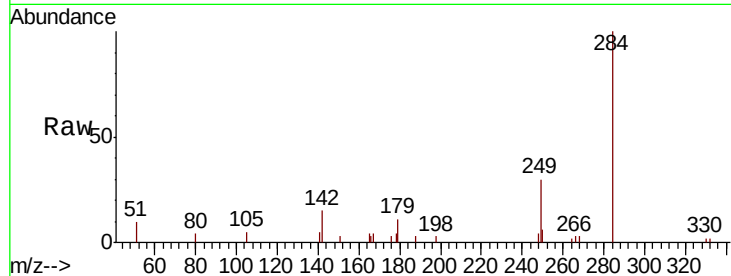
#21
Hexachlorobenzene
Concen: 0.337 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.3	28.6	42.8
249	34.9	26.3	39.5

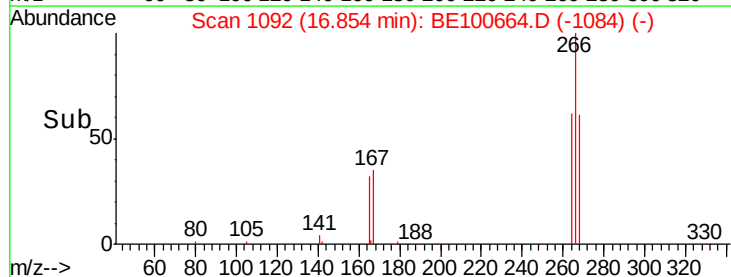
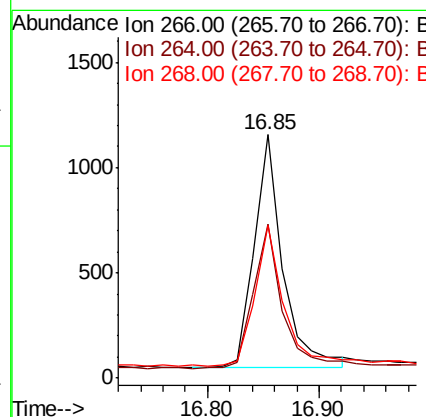
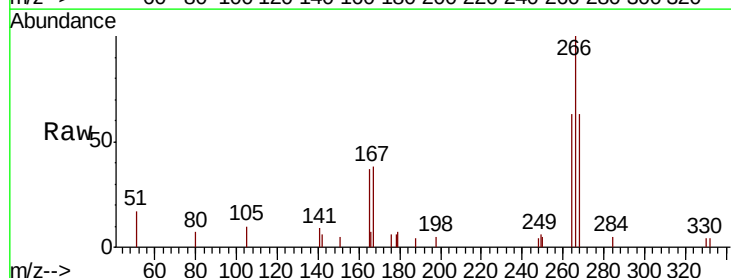
Manual Integrations
APPROVED

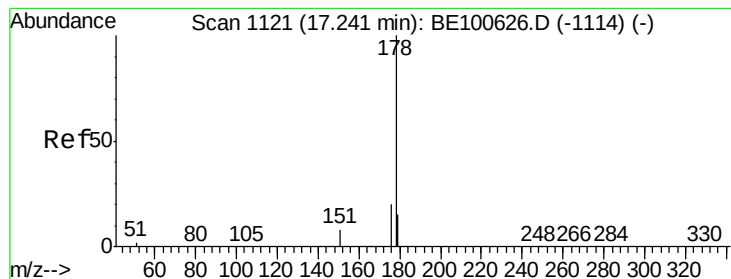
mohammad
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#22
Pentachlorophenol
Concen: 0.648 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.3	52.2	78.4
268	62.9	53.1	79.7





#23

Phenanthrene

Concen: 0.344 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

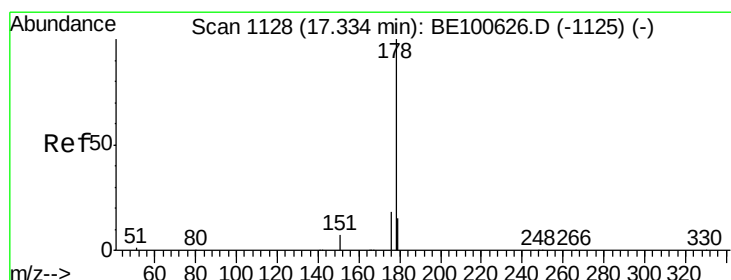
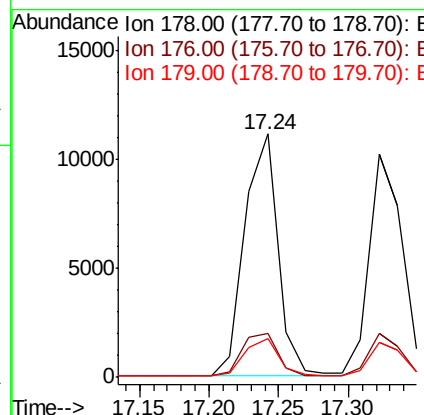
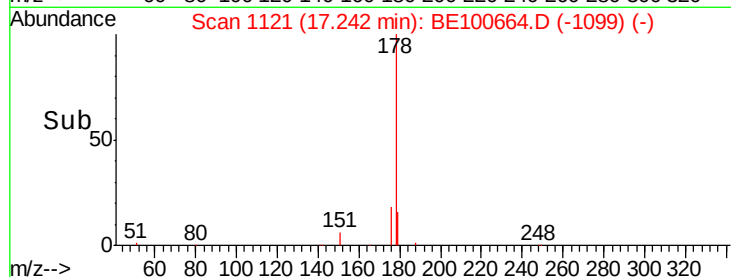
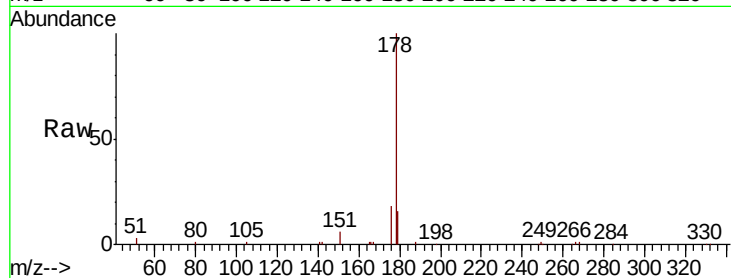
ClientSampleId :

PB124100BSD

Tot Ion:178	Resp:	18449
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.2 22.8
179	15.5	12.1 18.1

Manual Integrations
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#24

Anthracene

Concen: 0.339 ng

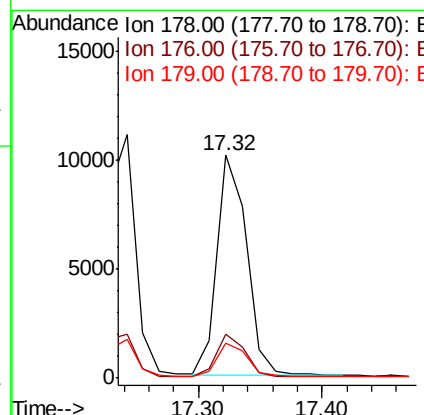
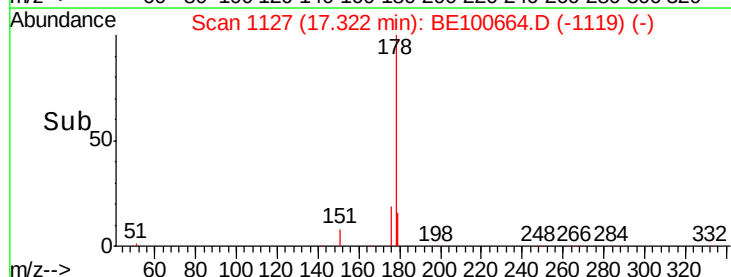
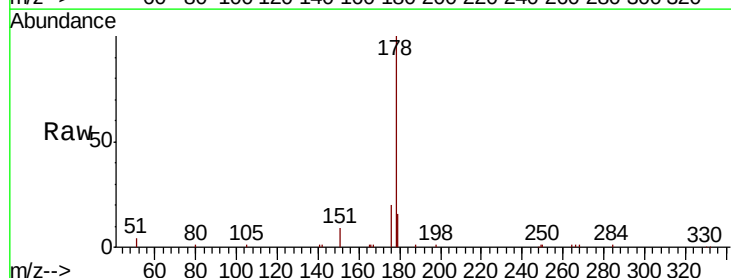
RT: 17.32 min Scan# 1127

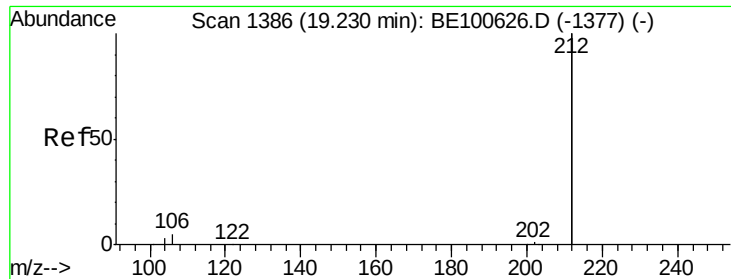
Delta R.T. 0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Tgt Ion:178	Resp:	16854
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.0 22.4
179	15.4	12.5 18.7





#25

Fluoranthene-d10

Concen: 0.280 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

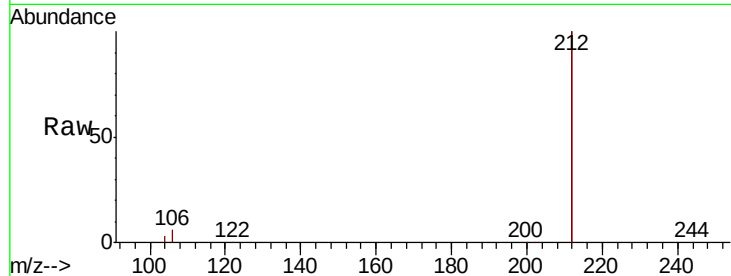
ClientSampleId :

PB124100BSD

Tot Ion:	212	Resp:	70408
Ion Ratio	Lower	Upper	
212	100		
106	2.9	2.3	3.5
104	1.6	1.3	1.9

Manual Integrations
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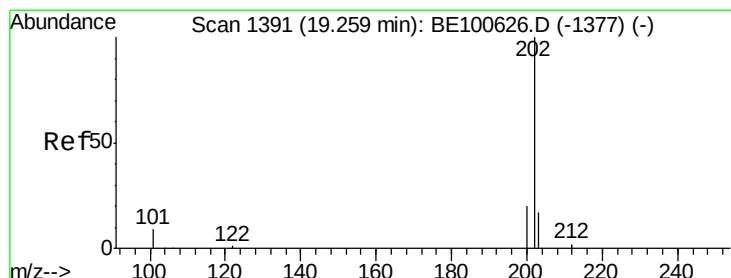
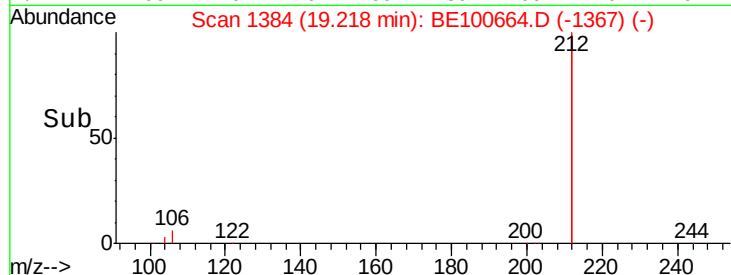
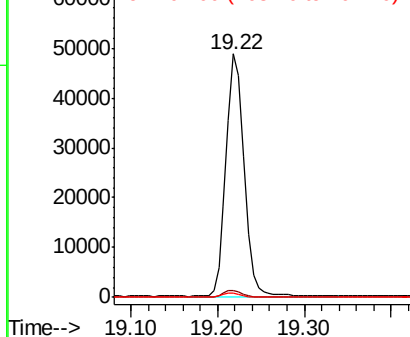


Abundance

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: 0.314 ng

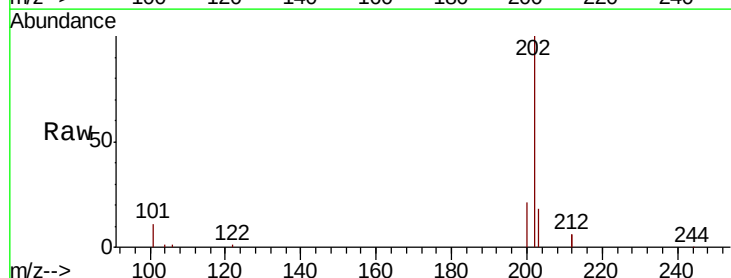
RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Tgt Ion:	202	Resp:	21972
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.5	12.7
203	17.2	13.8	20.8

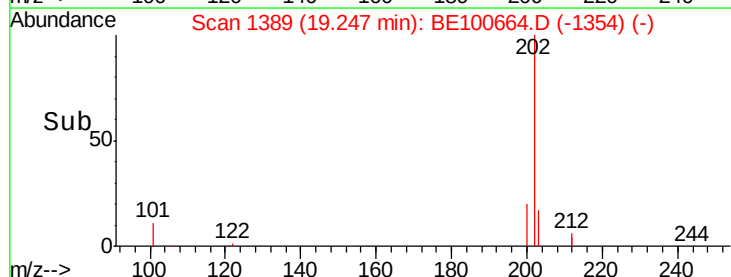
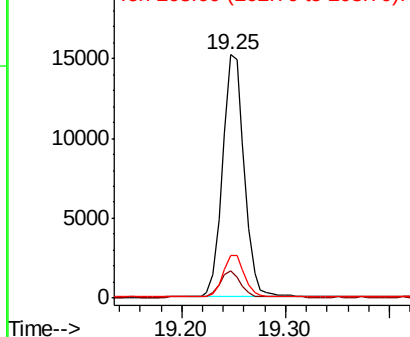


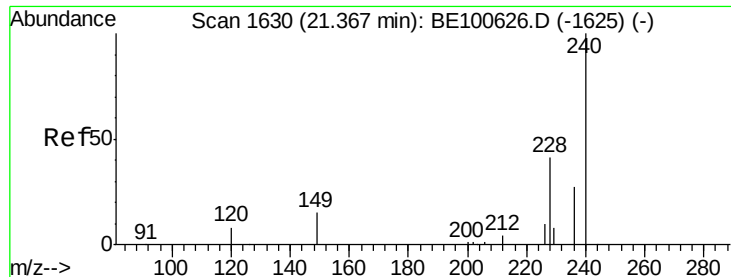
Abundance

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: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

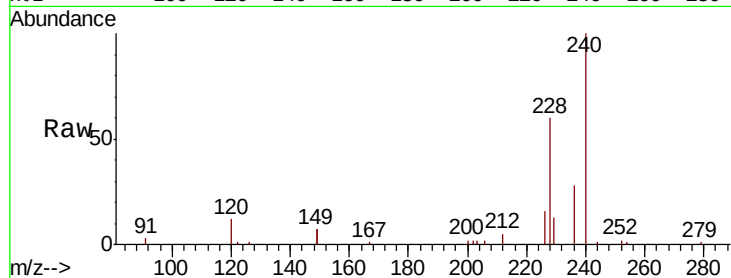
ClientSampleId :

PB124100BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.6	11.4#
236	28.1	22.1	33.1

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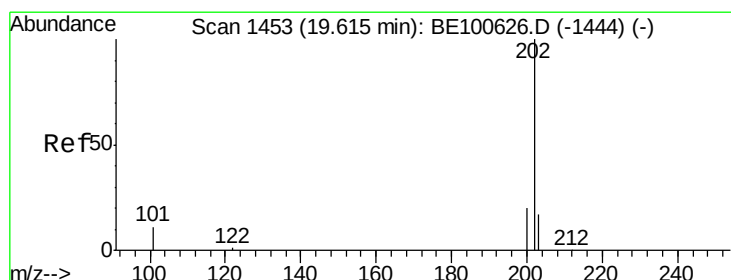
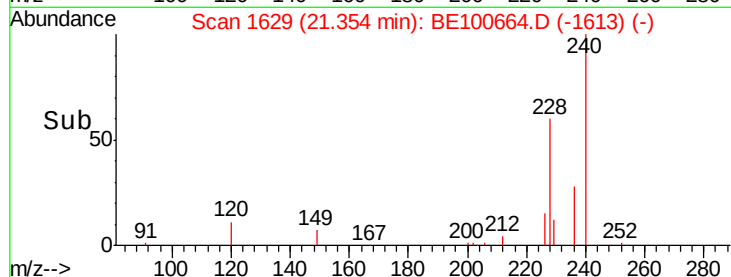
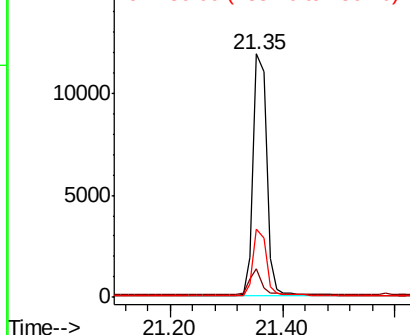


Abundance

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: 0.401 ng

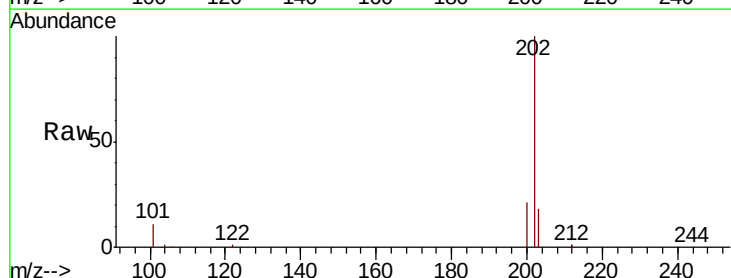
RT: 19.61 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	18.3	14.0	21.0

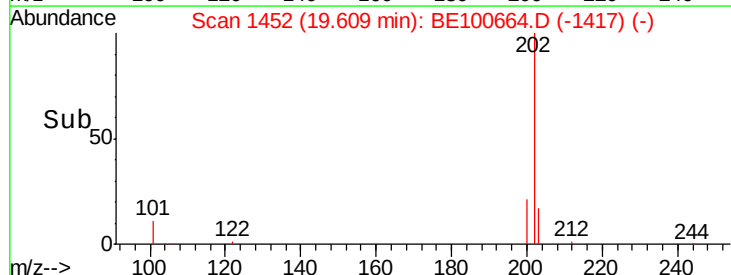
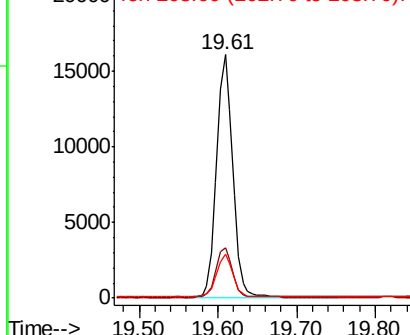


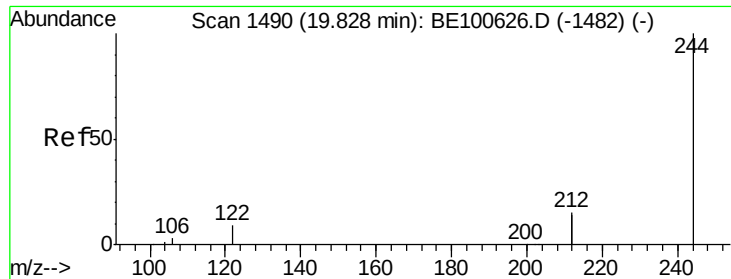
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.383 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

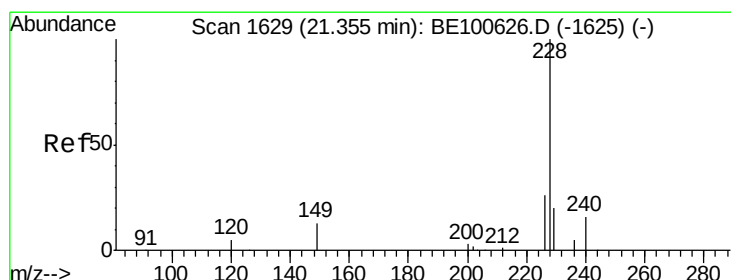
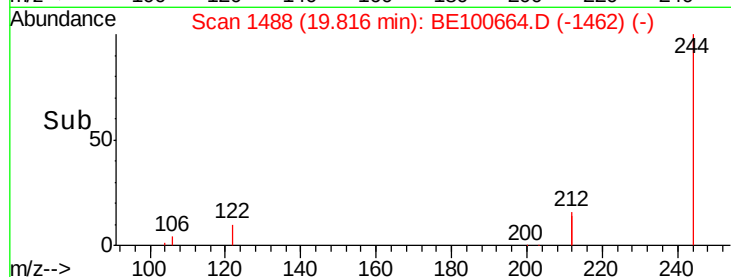
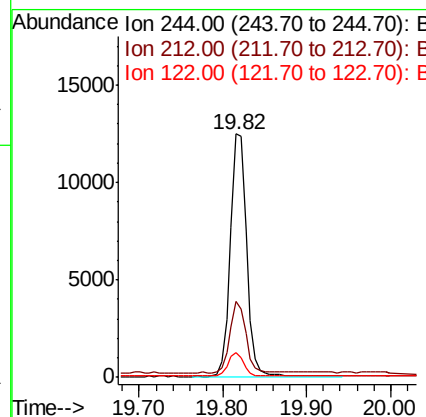
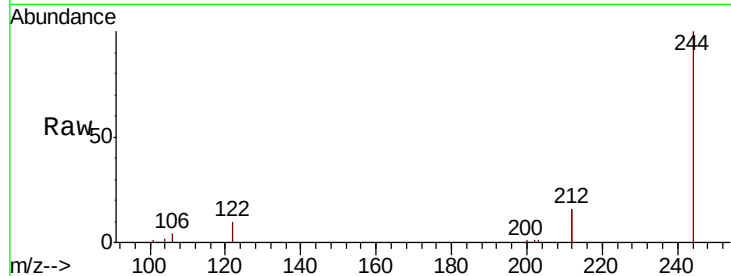
ClientSampleId :

PB124100BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	31.4	23.7	35.5
122	10.2	7.9	11.9

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#30

Benzo(a)anthracene

Concen: 0.345 ng

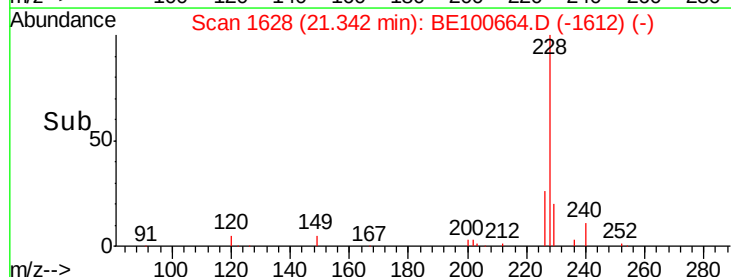
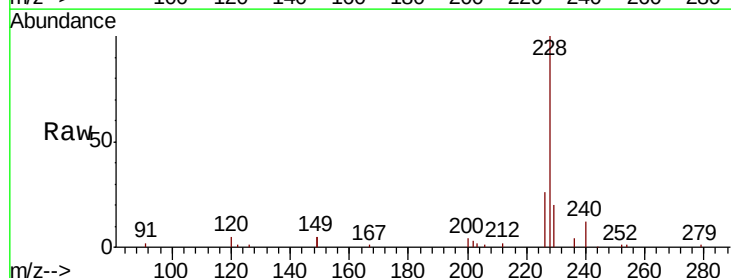
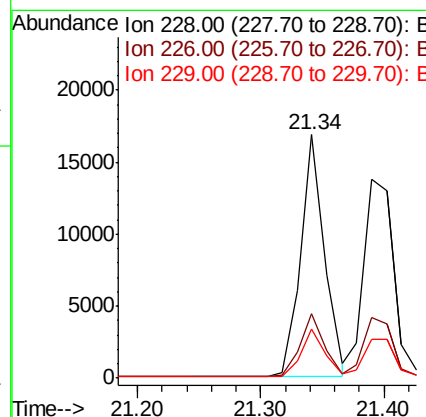
RT: 21.34 min Scan# 1628

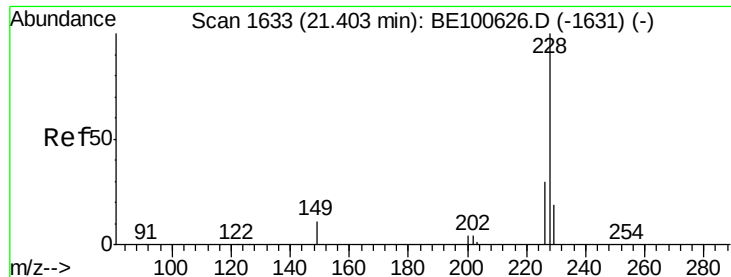
Delta R.T. -0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.4	32.0
229	20.1	16.0	24.0





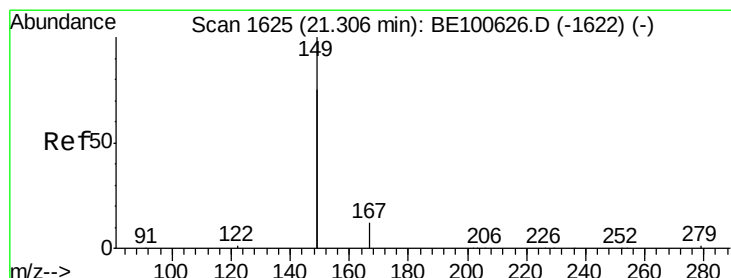
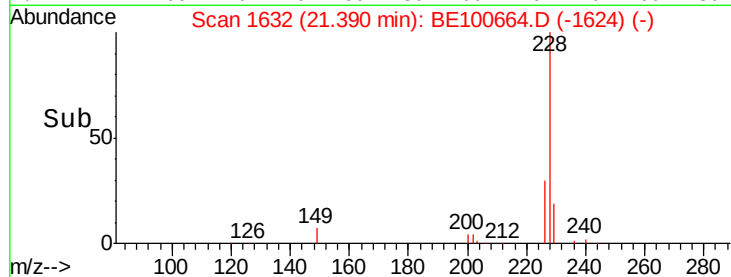
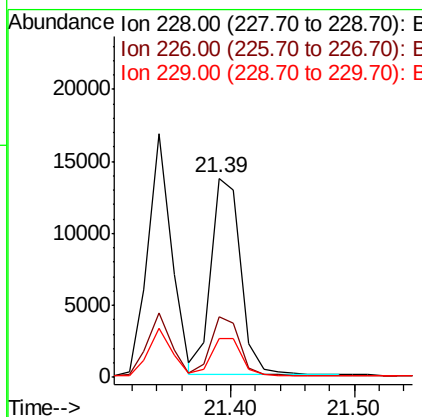
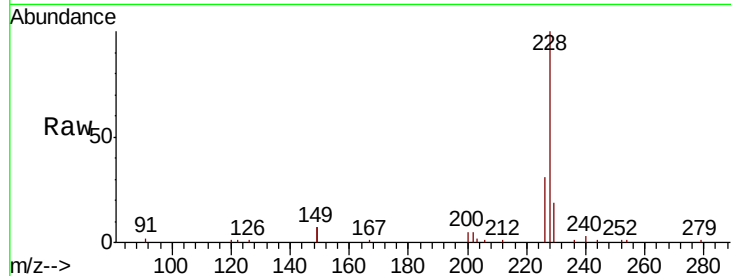
#31
 Chrysene
 Concen: 0.349 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE100664.D
 Acq: 23 Oct 2019 16:38

Instrument :
 BNA_E
 ClientSampleId :
 PB124100BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.4	15.8	23.8

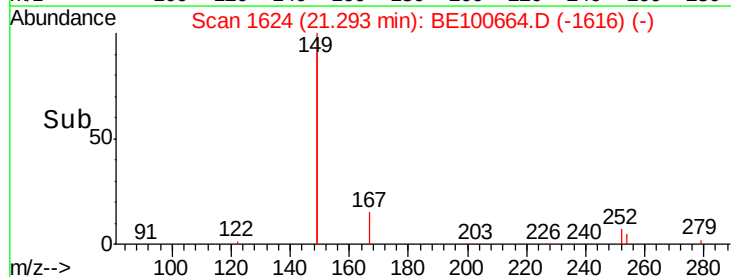
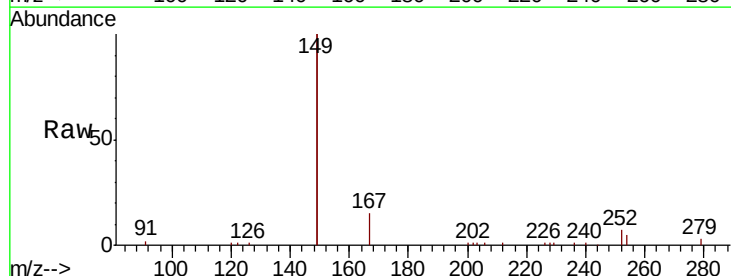
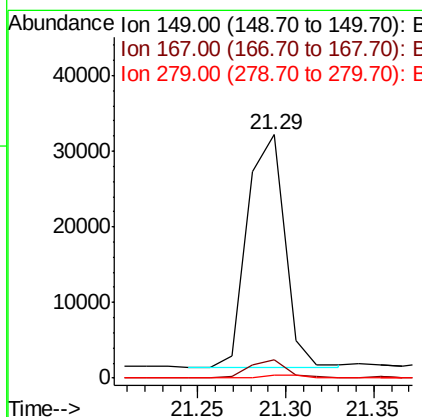
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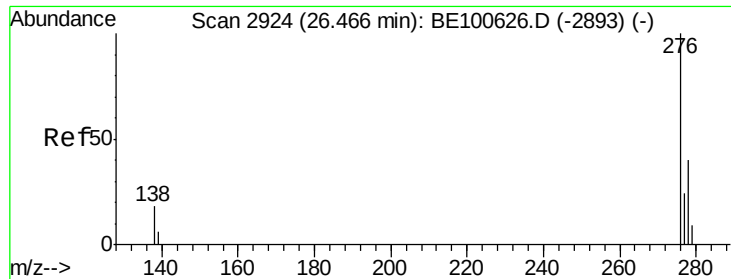
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.329 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100664.D
 Acq: 23 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.5	8.3
279	1.0	0.9	1.3





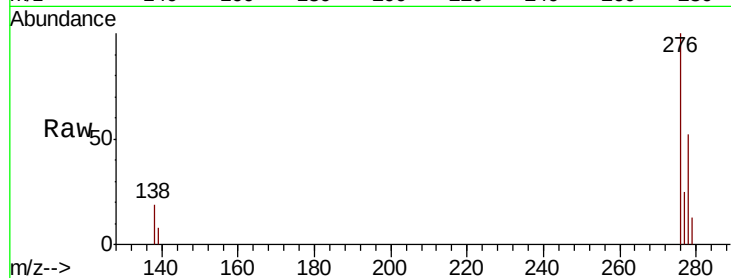
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.495 ng
RT: 26.44 min Scan# 2917
Delta R.T. 0.01 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.3	22.9
277	24.6	19.4	29.2

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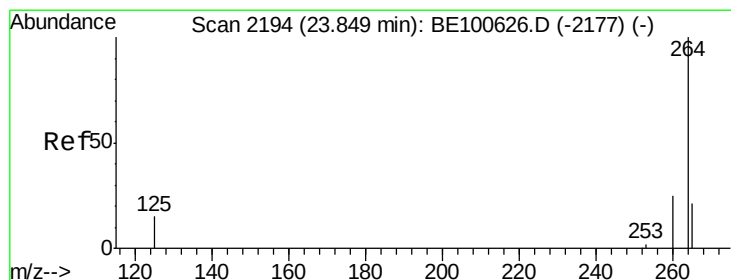
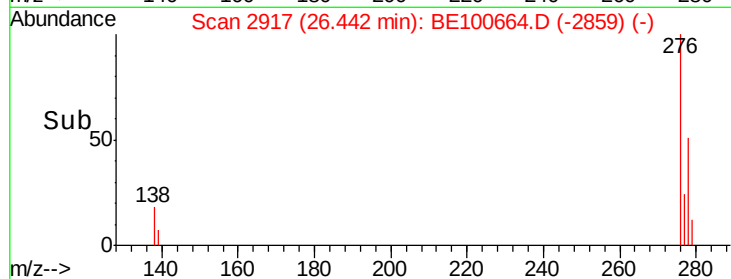
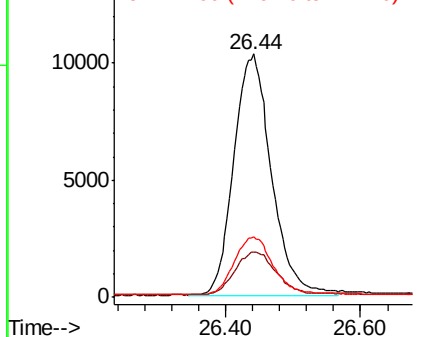


Abundance

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: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

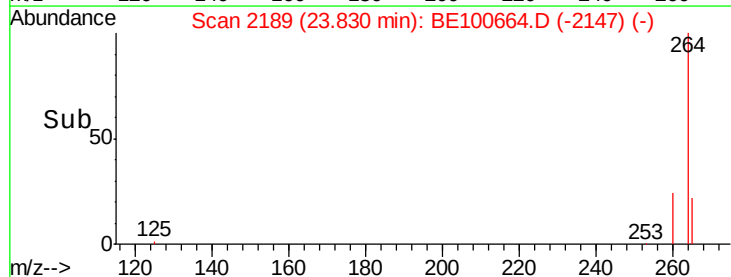
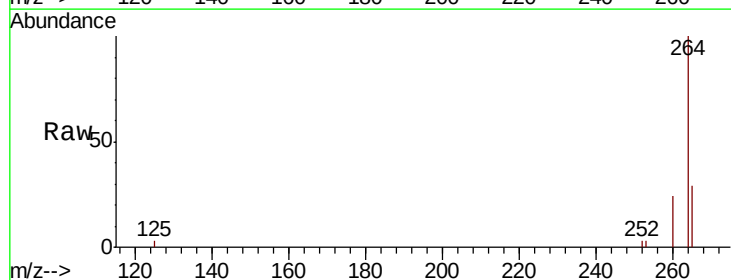
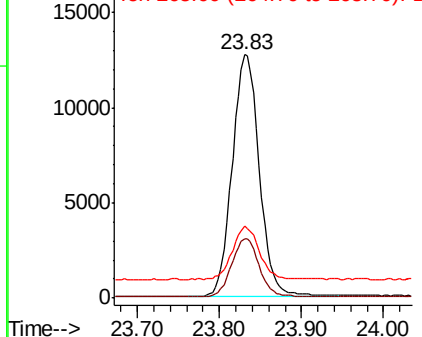
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	29.4	21.7	32.5

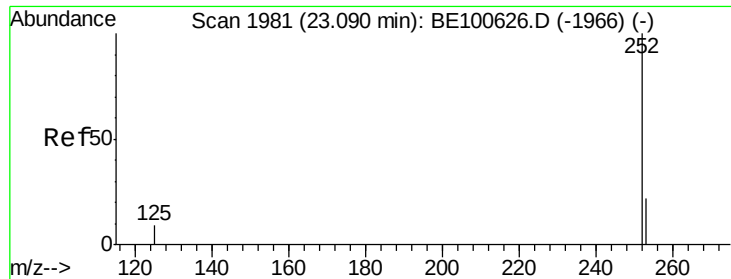
Abundance

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





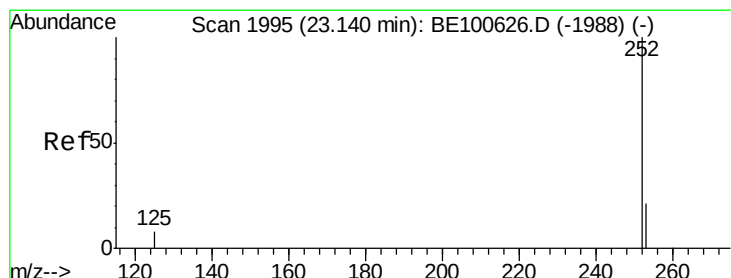
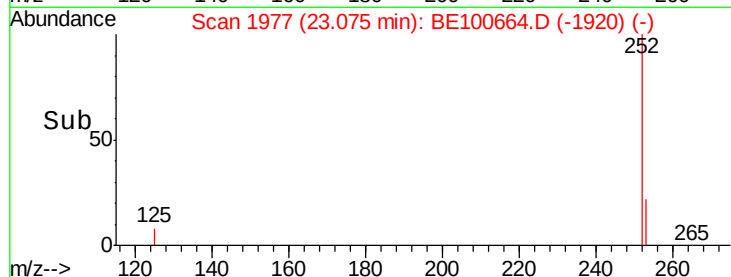
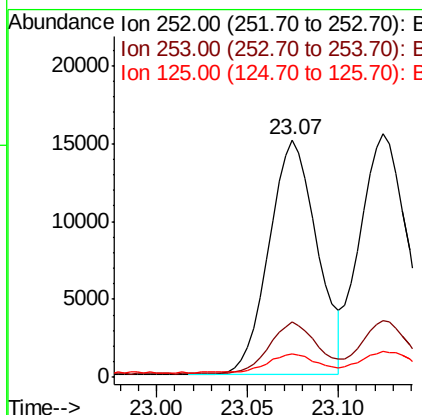
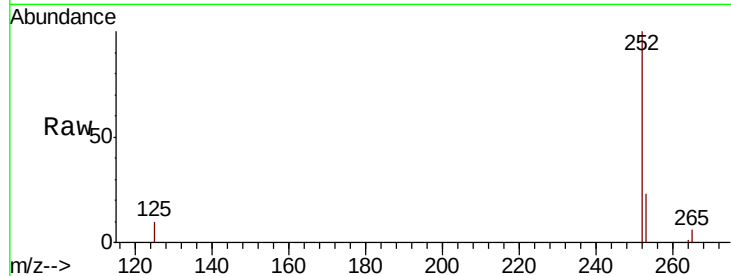
#35
Benzo(b)fluoranthene
Concen: 0.324 ng
RT: 23.07 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	9.7	7.6	11.4

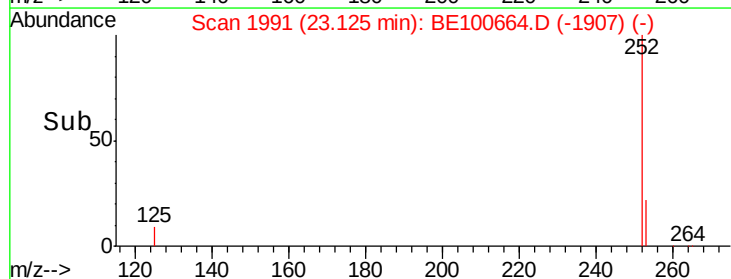
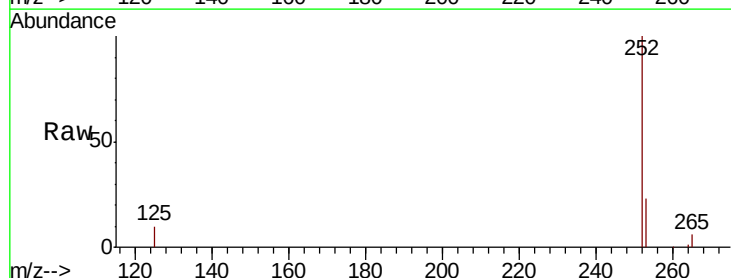
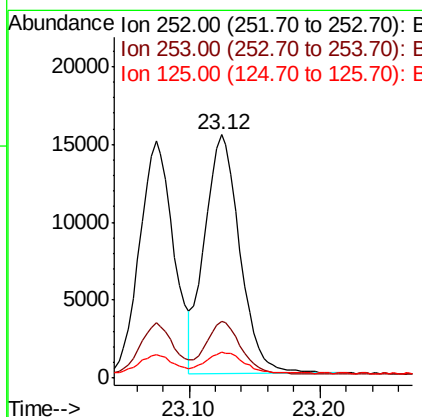
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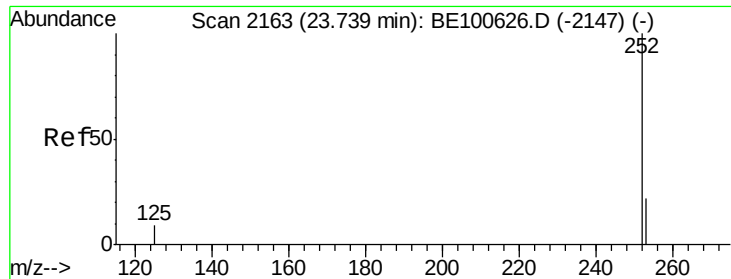
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#36
Benzo(k)fluoranthene
Concen: 0.330 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	10.5	11.6	17.4#





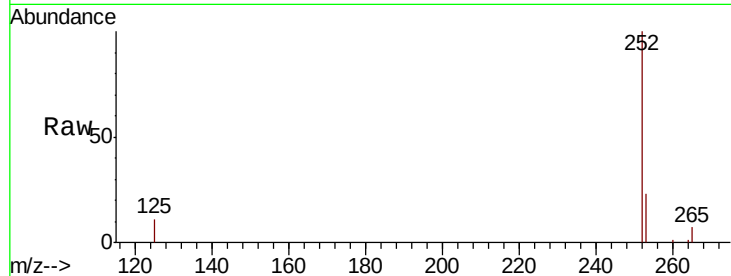
#37
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.72 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

Instrument :
BNA_E
ClientSampleId :
PB124100BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.8	8.2	12.4

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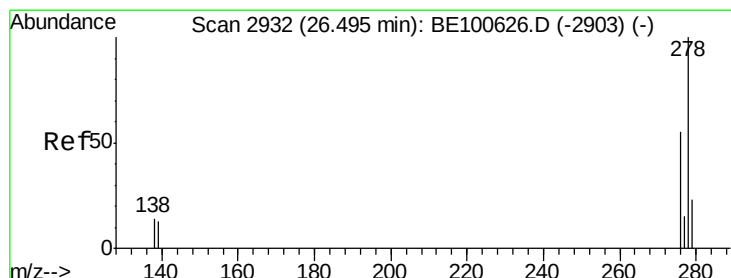
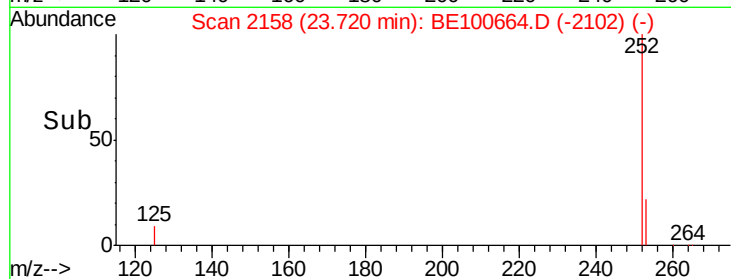
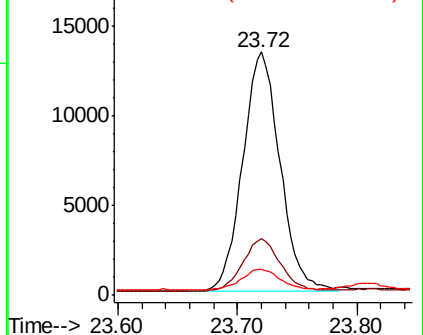


Abundance

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: 0.409 ng
RT: 26.46 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BE100664.D
Acq: 23 Oct 2019 16:38

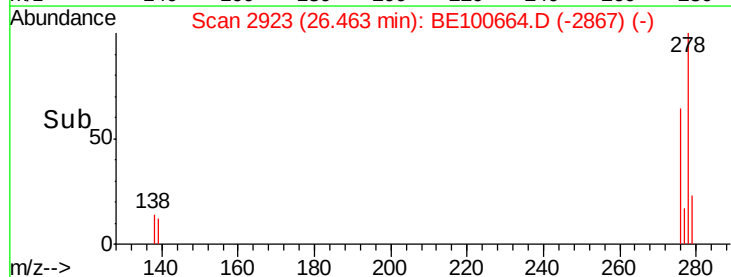
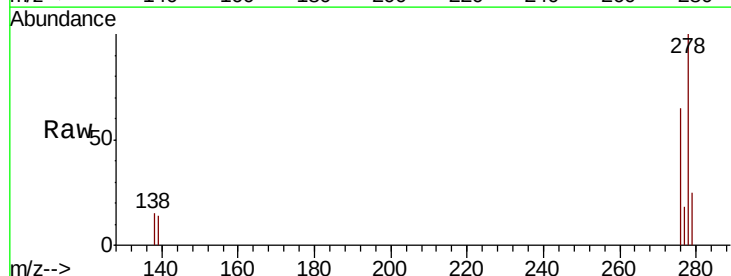
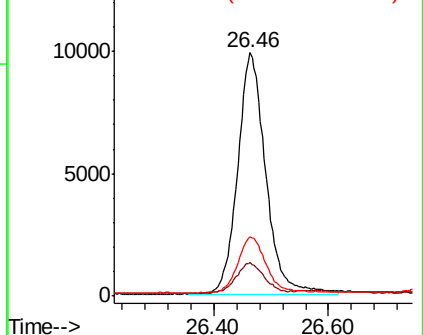
Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	10.9	16.3
279	24.6	19.4	29.2

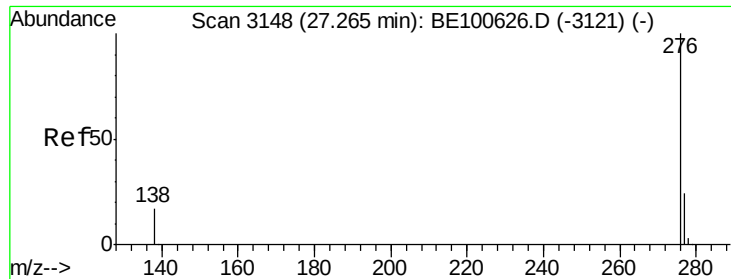
Abundance

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: 0.415 ng

RT: 27.23 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BE100664.D

Acq: 23 Oct 2019 16:38

Instrument :

BNA_E

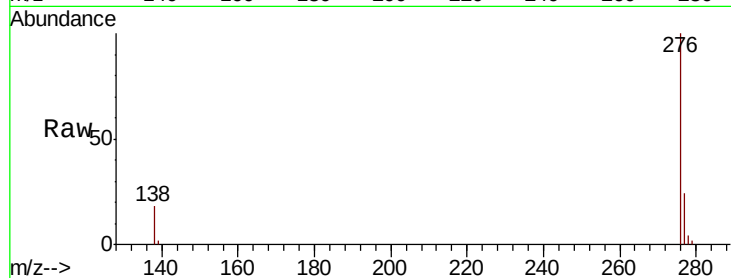
ClientSampleId :

PB124100BSD

Tot Ion:	276	Resp:	34059
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.4	29.0
138	17.7	13.6	20.4

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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

