

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
 Data File : BN002212.D
 Acq On : 31 Jul 2018 15:41
 Operator : JU/SJ
 Sample : PB111487BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB111487BSD

Manual Integrations
 APPROVED

Sohil
 8/1/2018 4:49:34 PM

Quant Time: Jul 31 16:36:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	4612	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	18513	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	9758	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	19636	0.40	ng	0.00
27) Chrysene-d12	21.27	240	12252	0.40	ng	0.00
34) Perylene-d12	23.50	264	9105	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	4446	0.41	ng	0.00
5) Phenol-d6	6.88	99	5592m	0.43	ng	0.00
8) Nitrobenzene-d5	8.84	82	6137	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	11959	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1361	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	17910	0.48	ng	0.00
25) Fluoranthene-d10	19.11	212	18168	0.37	ng	0.00
29) Terphenyl-d14	19.71	244	12167	0.46	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	1504	0.290	ng	# 57
3) n-Nitrosodimethylamine	3.61	42	1592	0.451	ng	# 83
6) bis(2-Chloroethyl)ether	7.13	93	5091	0.405	ng	91
9) Naphthalene	10.52	128	17978	0.431	ng	97
10) Hexachlorobutadiene	10.80	225	3313	0.367	ng	# 55
12) 2-Methylnaphthalene	12.13	142	12456	0.441	ng	98
16) Acenaphthylene	14.03	152	17207	0.413	ng	100
17) Acenaphthene	14.38	154	11204	0.418	ng	97
18) Fluorene	15.37	166	13994	0.424	ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	4477	0.403	ng	# 82
21) Hexachlorobenzene	16.38	284	4885	0.397	ng	96
22) Pentachlorophenol	16.74	266	1413	0.553	ng	93
23) Phenanthrene	17.11	178	21000	0.430	ng	99
24) Anthracene	17.21	178	17753	0.439	ng	96
26) Fluoranthene	19.14	202	20335	0.382	ng	# 97
28) Pyrene	19.50	202	19183	0.529	ng	99
30) Benzo(a)anthracene	21.25	228	13811	0.448	ng	97
31) Chrysene	21.30	228	14390	0.417	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	6152	0.437	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.72	276	13427	0.413	ng	# 94
35) Benzo(b)fluoranthene	22.83	252	12292	0.459	ng	# 92
36) Benzo(k)fluoranthene	22.87	252	12059	0.434	ng	# 93
37) Benzo(a)pyrene	23.40	252	11127	0.459	ng	# 93
38) Dibenzo(a,h)anthracene	25.74	278	10978	0.465	ng	96
39) Benzo(g,h,i)perylene	26.40	276	11726	0.486	ng	# 91

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

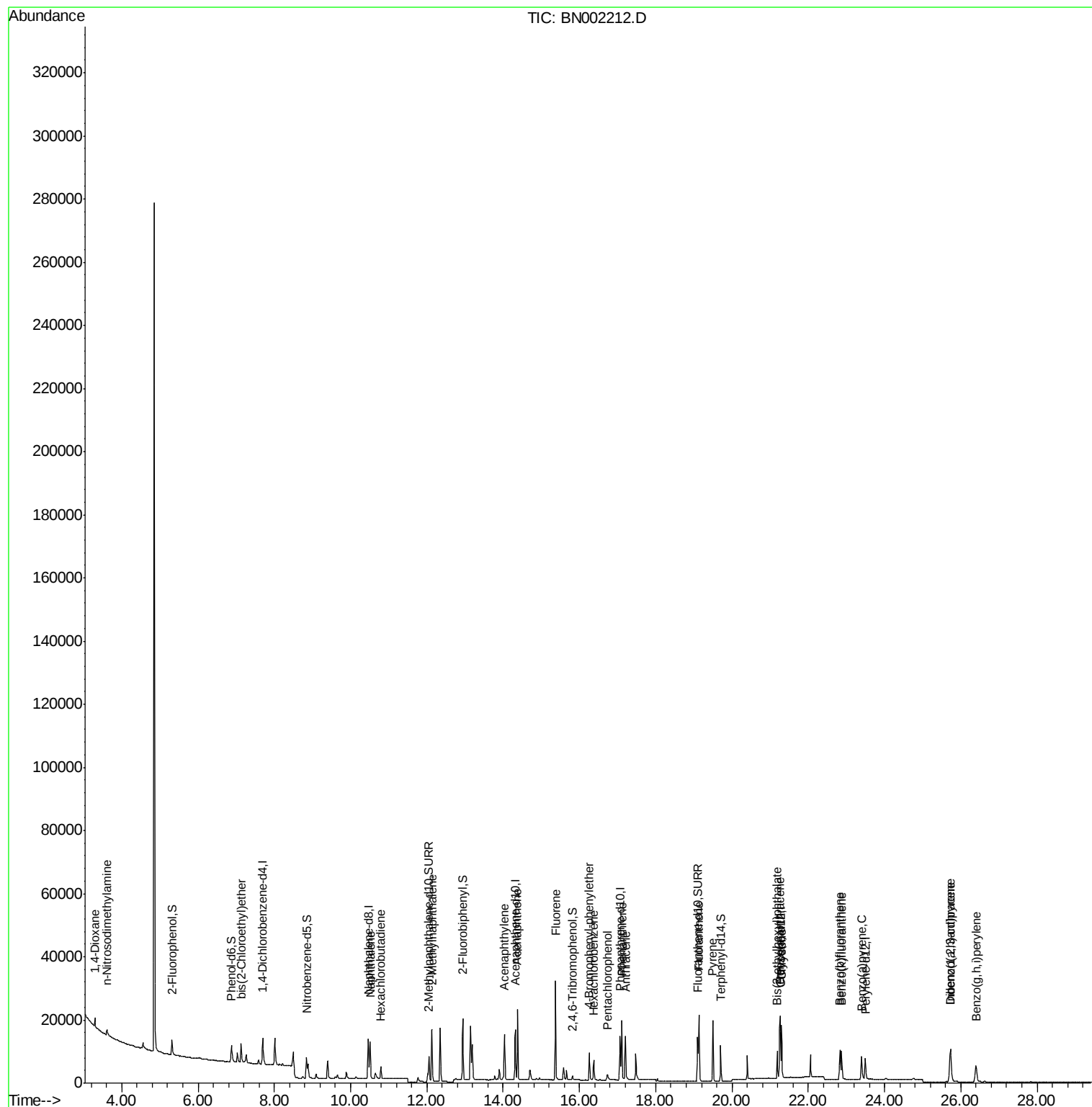
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002212.D
Acq On : 31 Jul 2018 15:41
Operator : JU/SJ
Sample : PB111487BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

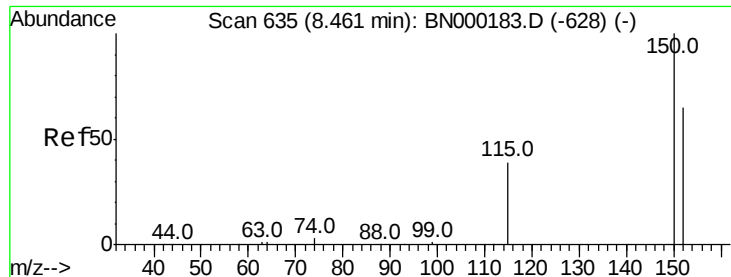
Instrument :
BNA_N
ClientSampleId :
PB111487BSD

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8/1/2018 4:49:34 PM

Quant Time: Jul 31 16:36:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. 0.01 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Instrument :

BNA_N

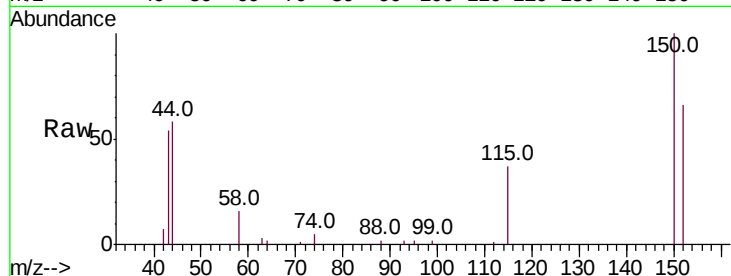
ClientSampleId :

PB111487BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	117.2	175.8
115	56.0	57.0	85.6

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Abundance

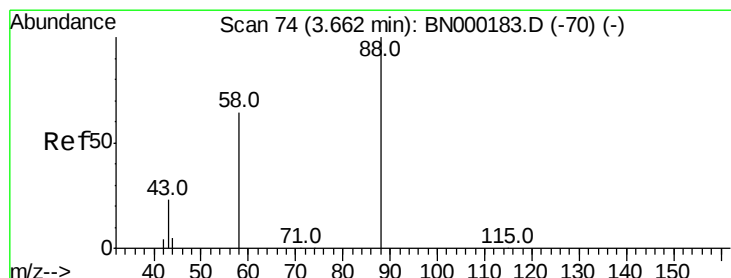
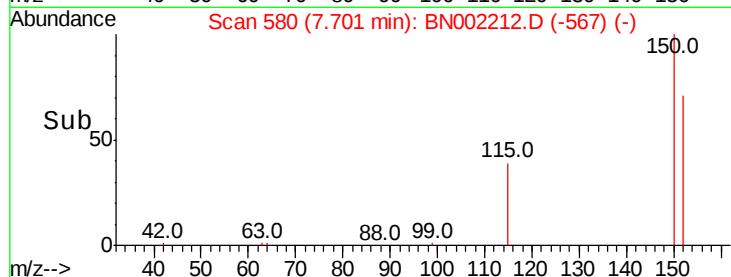
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.70

Time-->



#2

1,4-Dioxane

Concen: 0.290 ng

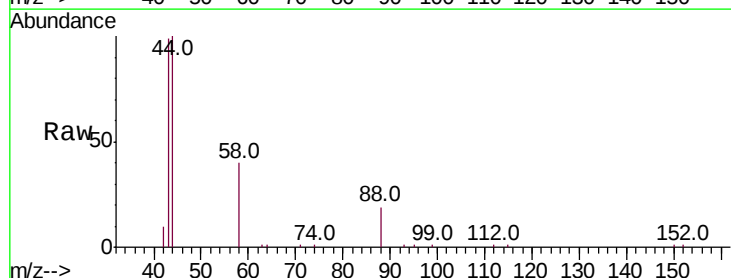
RT: 3.30 min Scan# 33

Delta R.T. 0.01 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.2	72.0	108.0
43	100.9	28.0	42.0



Abundance

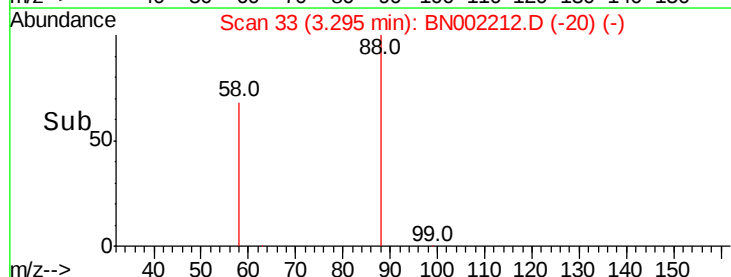
Ion 88.00 (87.70 to 88.70): BNC

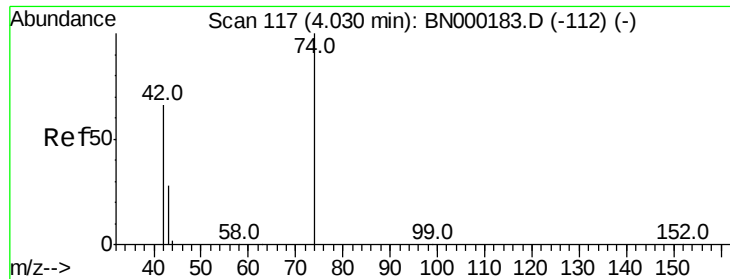
Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

3.30

Time-->





#3

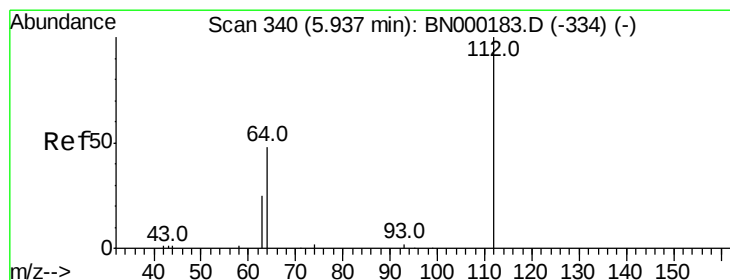
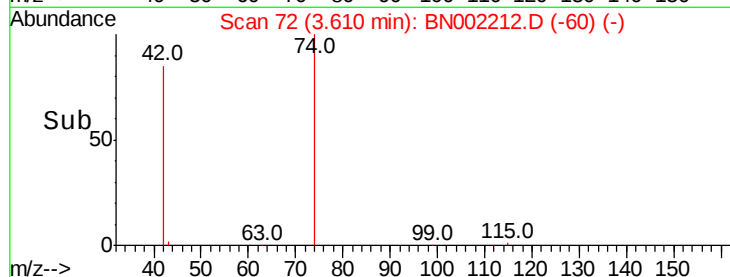
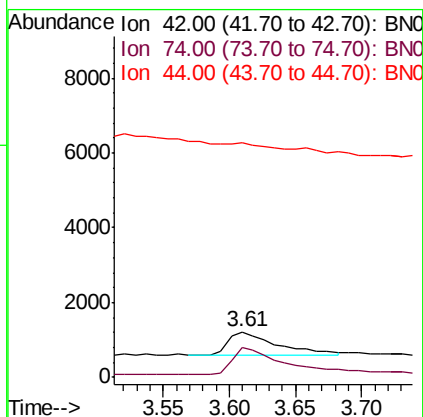
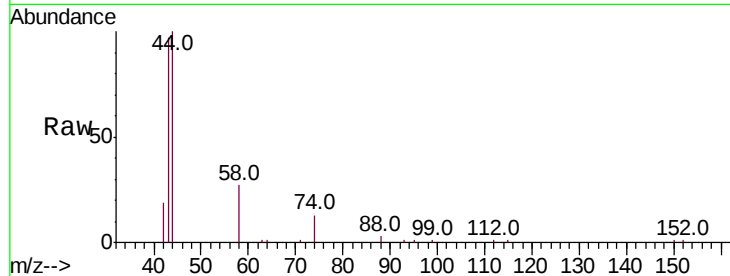
n-Nitrosodimethylamine
 Concen: 0.451 ng
 RT: 3.61 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BN002212.D
 Acq: 31 Jul 2018 15:41

Instrument :
 BNA_N
 ClientSampleId :
 PB111487BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	122.6	88.0	132.0
44	0.0	16.0	24.0

Manual Integrations
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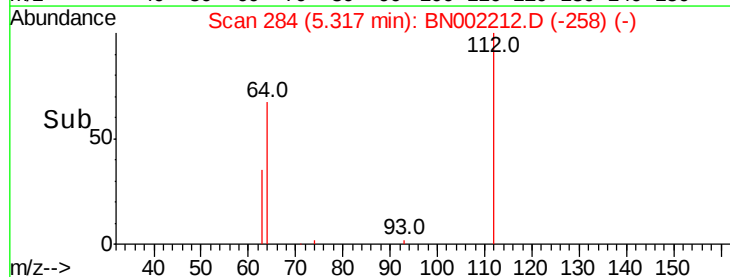
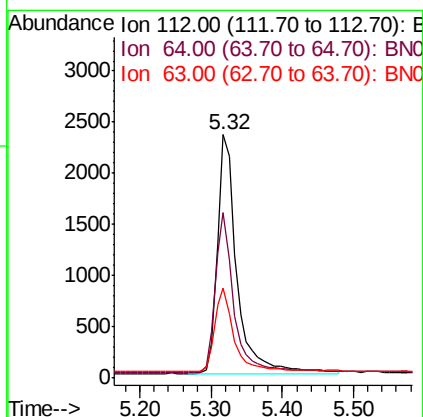
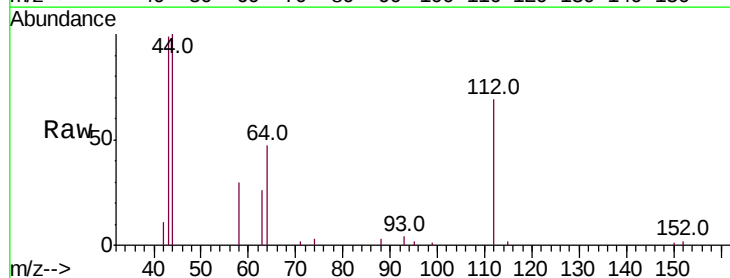
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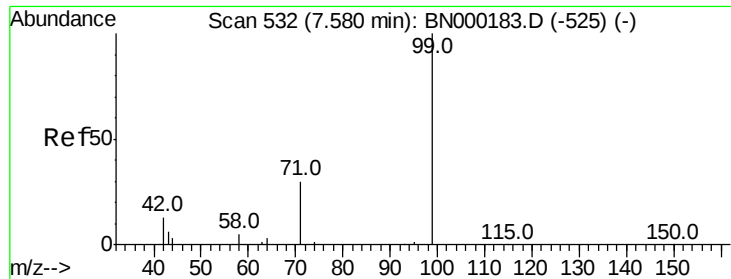


#4

2-Fluorophenol
 Concen: 0.413 ng
 RT: 5.32 min Scan# 284
 Delta R.T. 0.01 min
 Lab File: BN002212.D
 Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	60.1	90.1
63	34.5	116.8	175.2





#5

Phenol-d6

Concen: 0.427 ng/ml

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Instrument :

BNA_N

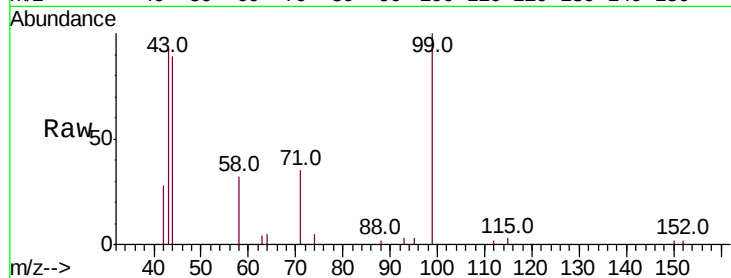
ClientSampleId :

PB111487BSD

Tot Ion:	99	Resp:	5592
Ion	Ratio	Lower	Upper
99	100		
42	21.7	20.2	30.2
71	34.7	28.4	42.6

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BN000183.D (-525) (-)

Ion 42.00 (41.70 to 42.70): BN000183.D (-525) (-)

Ion 71.00 (70.70 to 71.70): BN000183.D (-525) (-)

6.88

3000

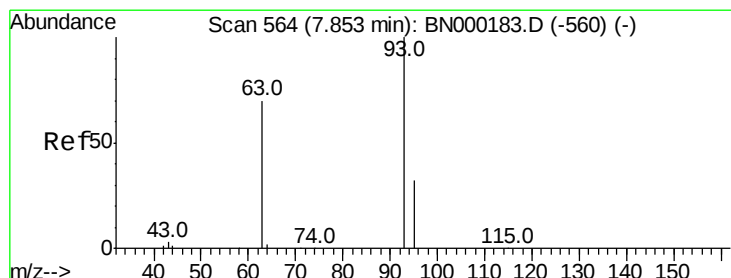
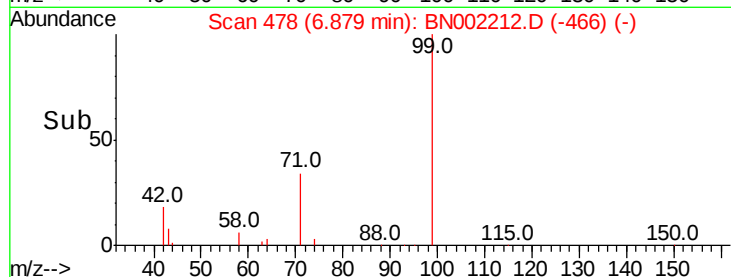
2000

1000

0

6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.405 ng/ml

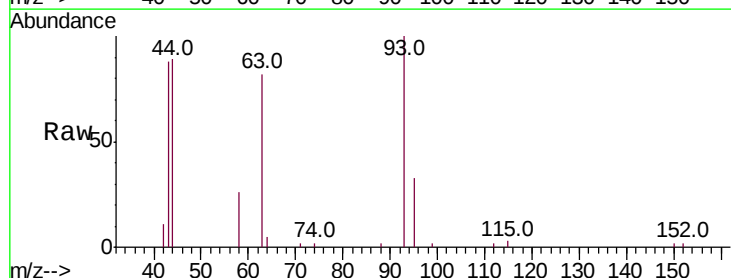
RT: 7.13 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Tgt Ion:	93	Resp:	5091
Ion	Ratio	Lower	Upper
93	100		
63	80.1	56.0	84.0
95	31.2	25.2	37.8



Abundance Ion 93.00 (92.70 to 93.70): BN000183.D (-560) (-)

Ion 63.00 (62.70 to 63.70): BN000183.D (-560) (-)

Ion 95.00 (94.70 to 95.70): BN000183.D (-560) (-)

7.13

3000

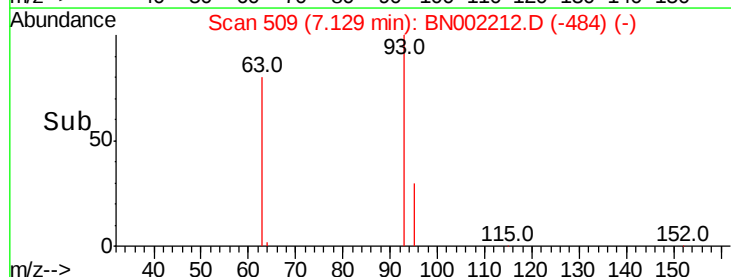
2000

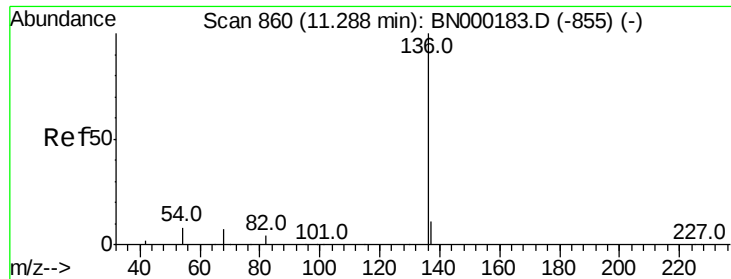
1000

0

7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Instrument :

BNA_N

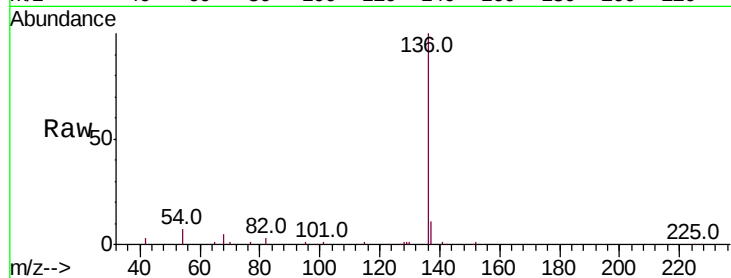
ClientSampleId :

PB111487BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.5	14.3	
54	6.6	29.1	43.7#	
68	4.7	6.2	9.2#	

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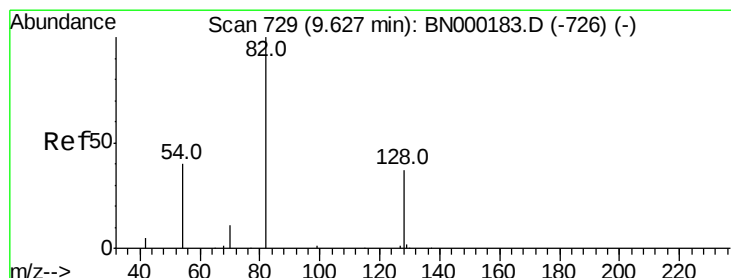
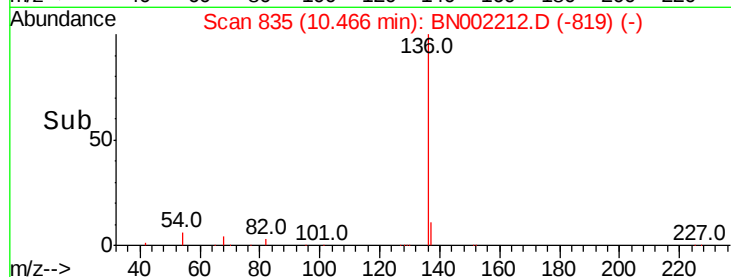
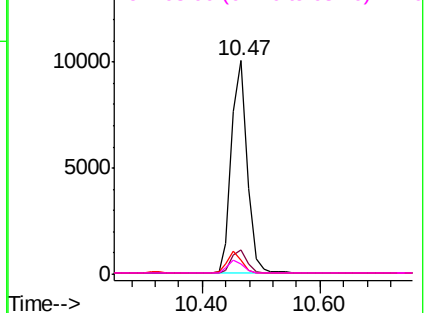
Abundance

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): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.441 ng

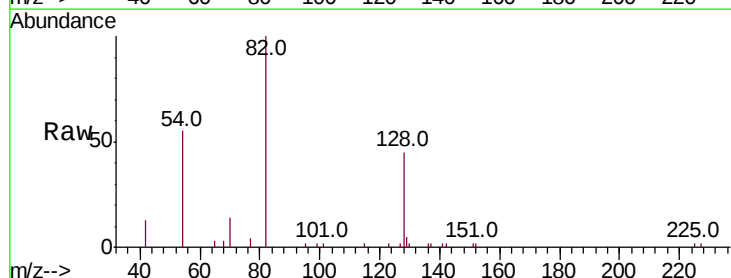
RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	150.0	225.0#	
54	54.6	154.2	231.4#	

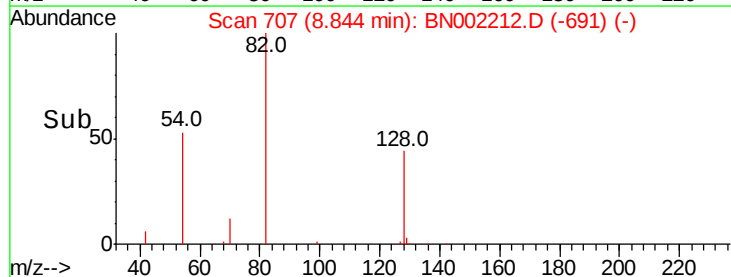
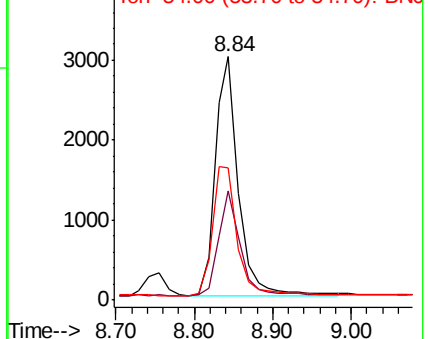


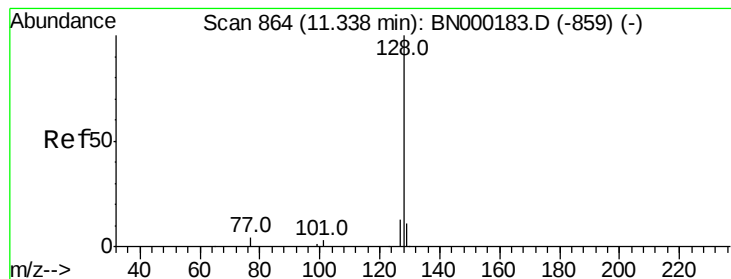
Abundance

Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.431 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Instrument :

BNA_N

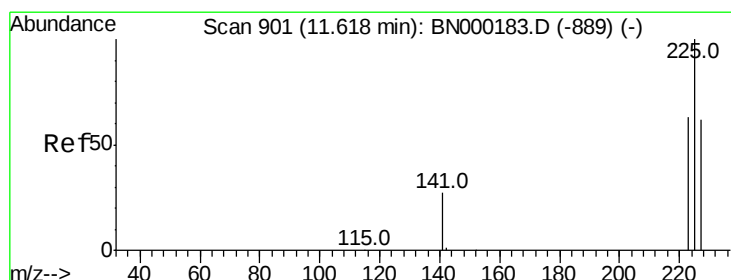
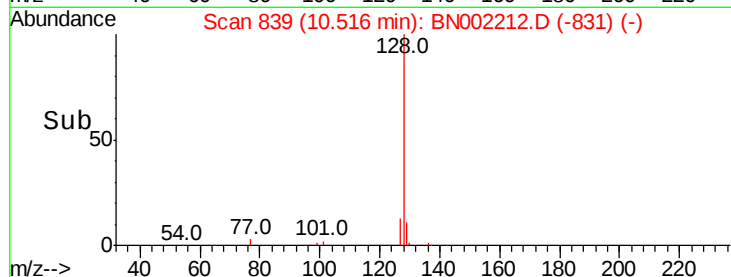
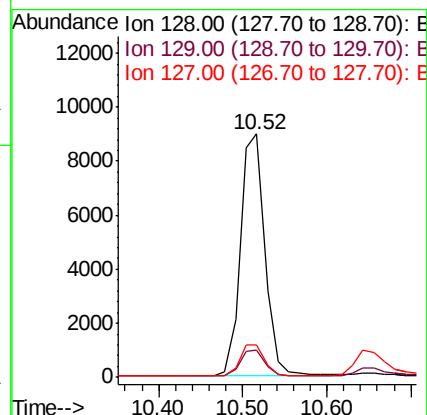
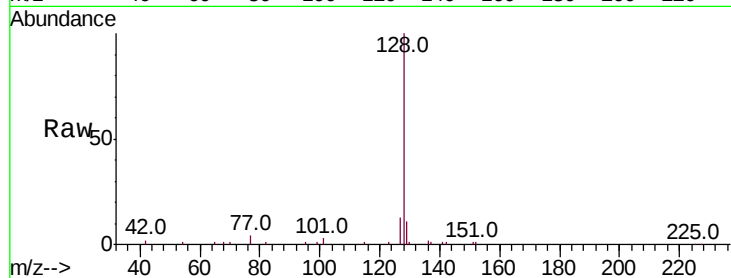
ClientSampleId :

PB111487BSD

Tot Ion:128	Resp:	17978
Ion Ratio	Lower	Upper
128 100		
129 11.4	8.0	12.0
127 13.1	9.6	14.4

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#10

Hexachlorobutadiene

Concen: 0.367 ng

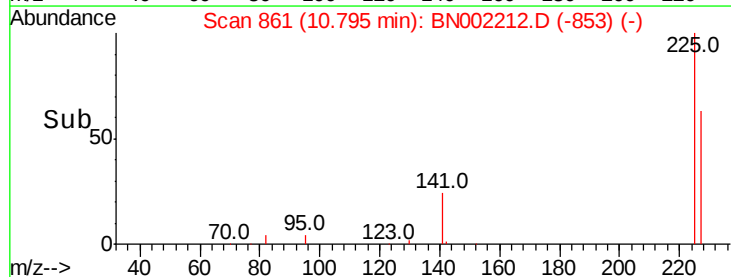
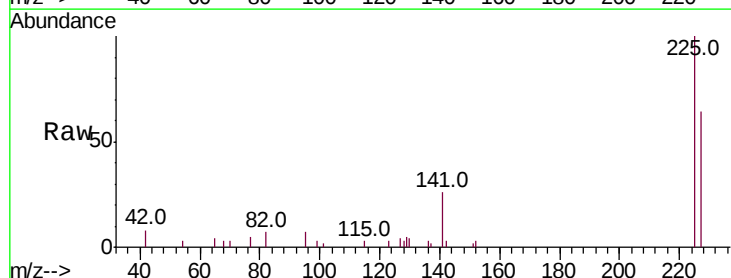
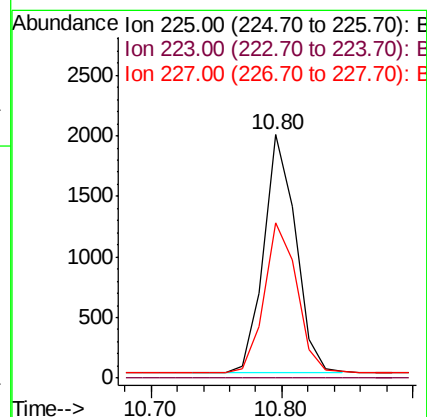
RT: 10.80 min Scan# 861

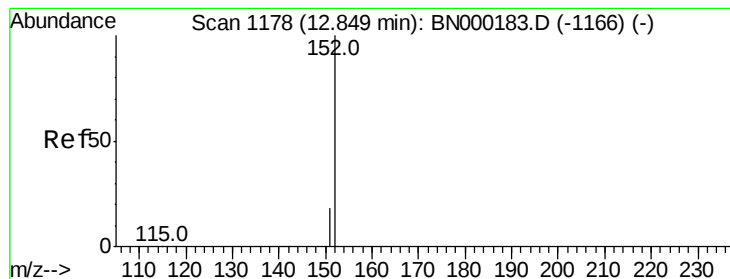
Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Tgt Ion:225	Resp:	3313
Ion Ratio	Lower	Upper
225 100		
223 0.0	52.0	78.0#
227 64.1	48.0	72.0





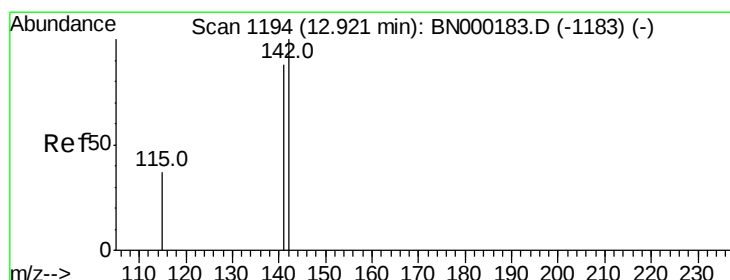
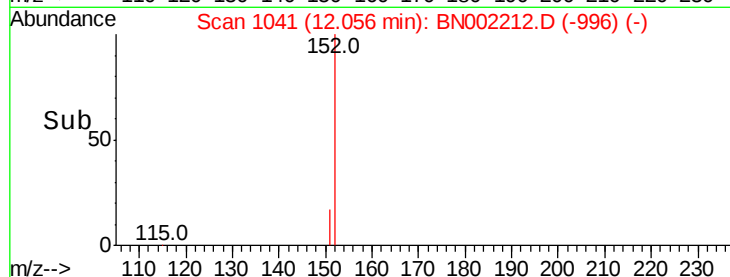
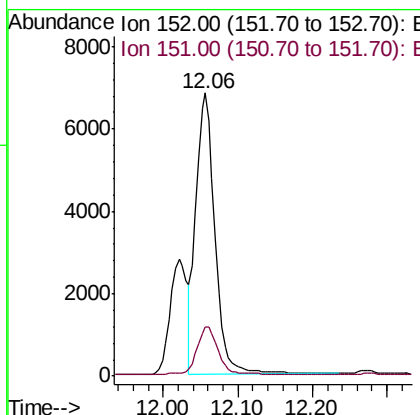
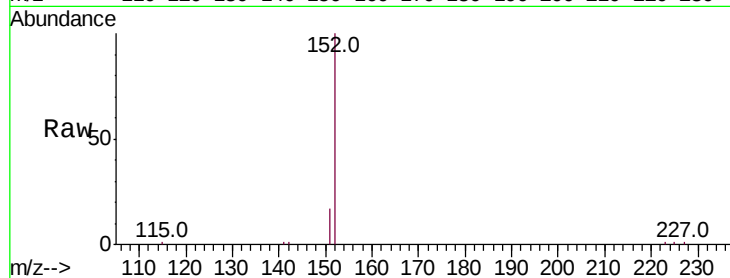
#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :
PB111487BSD

Tot Ion:152 Resp: 11959
Ion Ratio Lower Upper
152 100
151 18.5 15.4 23.0

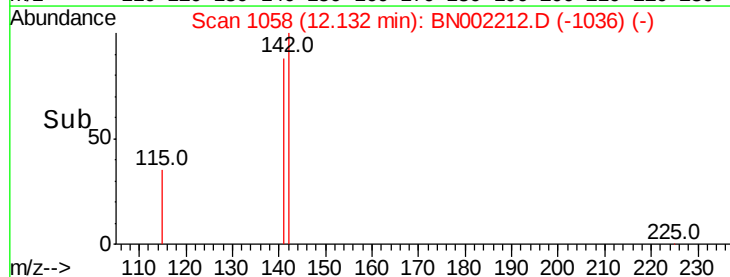
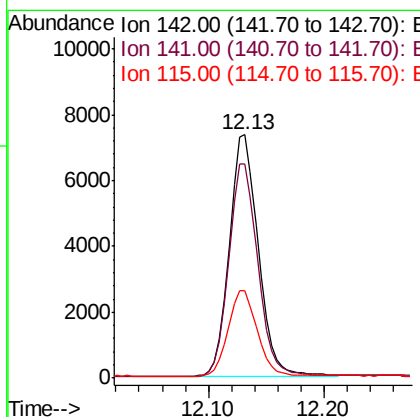
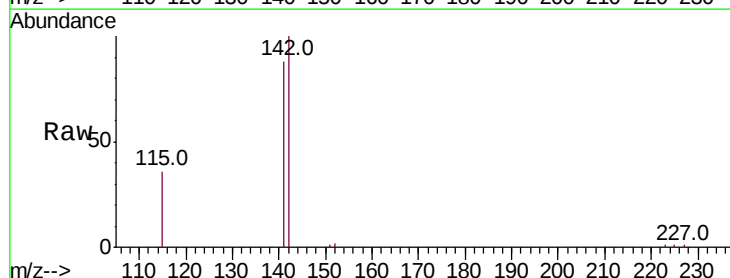
Manual Integrations
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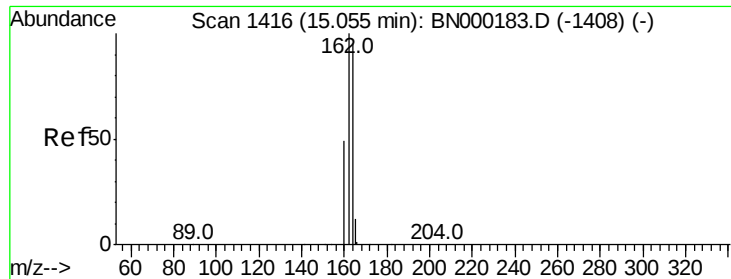
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#12
2-Methylnaphthalene
Concen: 0.441 ng
RT: 12.13 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:142 Resp: 12456
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 35.8 31.7 47.5





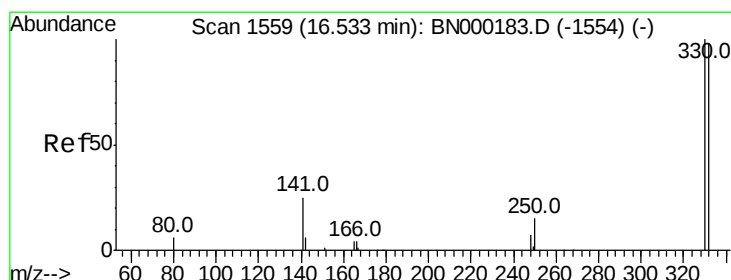
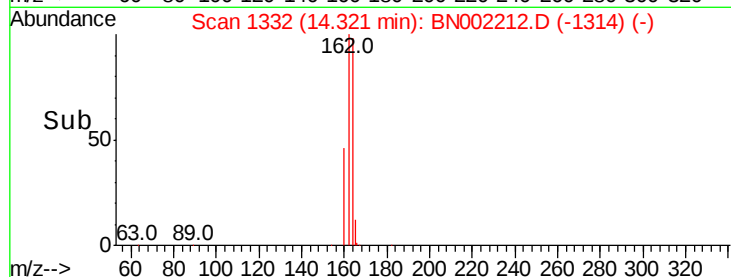
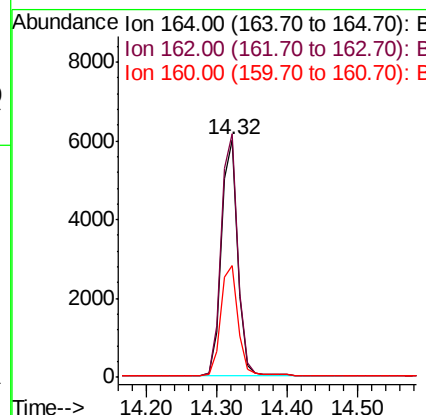
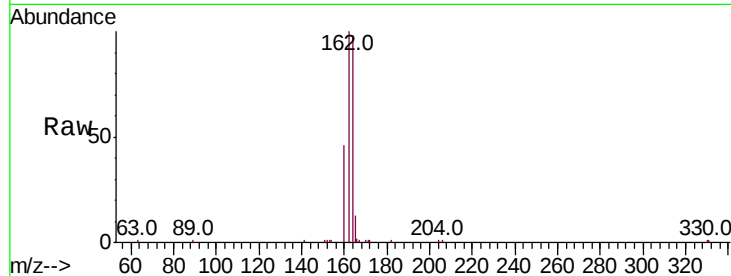
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :
PB111487BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.1	124.7
160	47.1	37.1	55.7

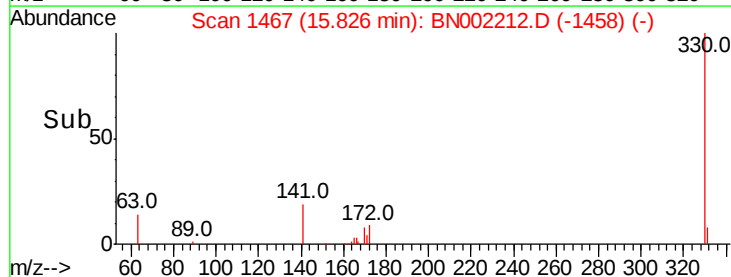
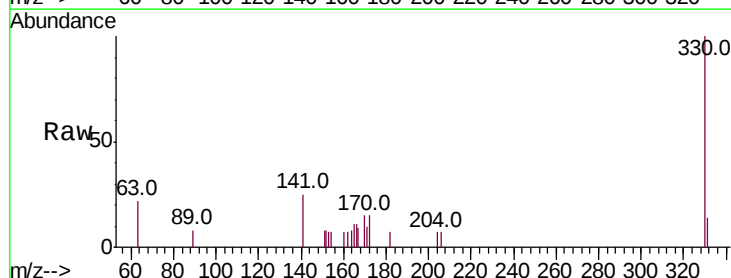
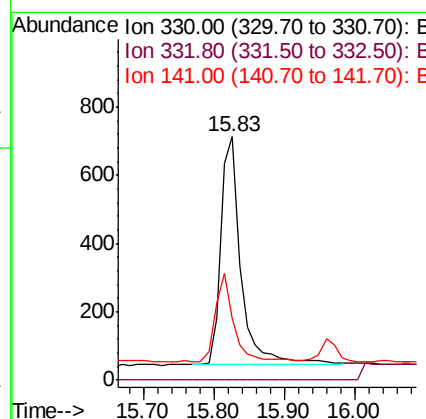
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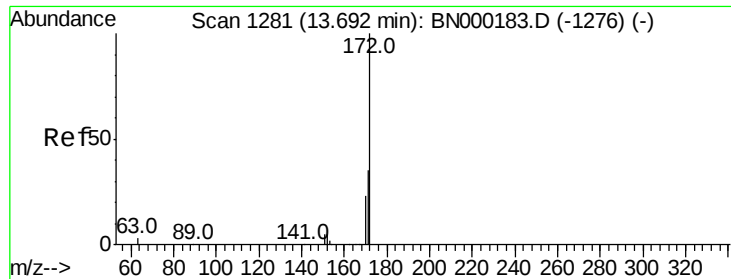
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	34.8	33.7	50.5





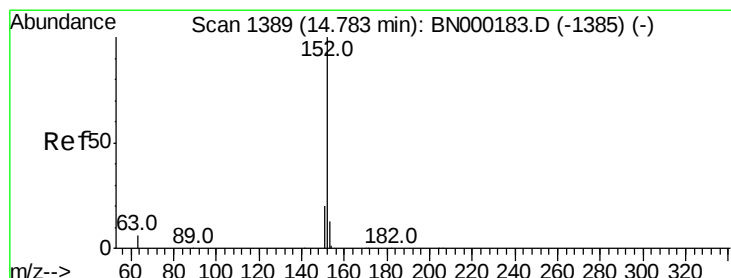
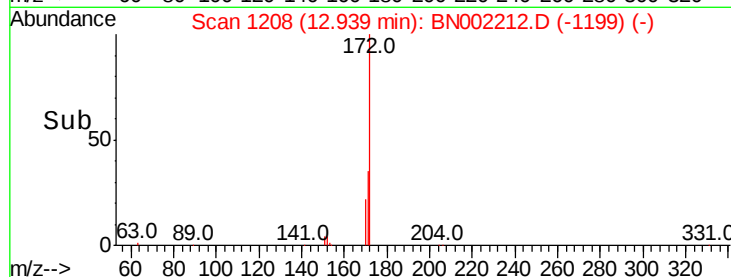
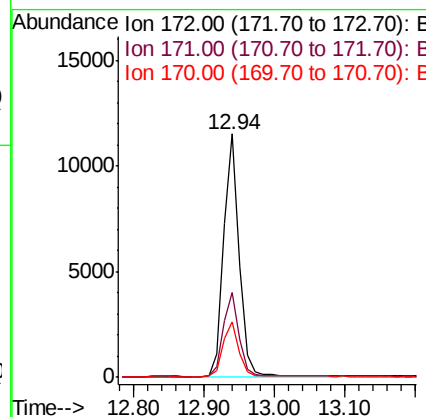
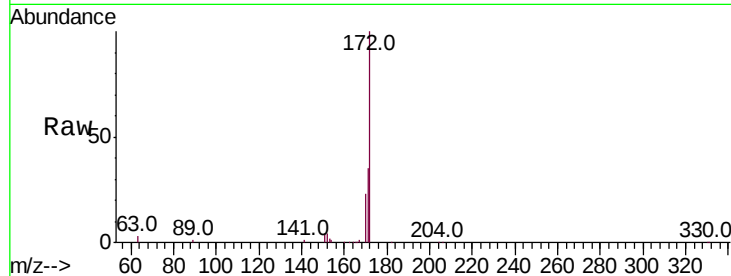
#15
2-Fluorobiphenyl
Concen: 0.478 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :
PB111487BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	22.8	21.8	32.8

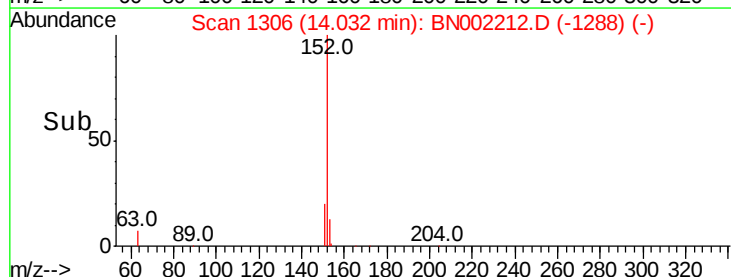
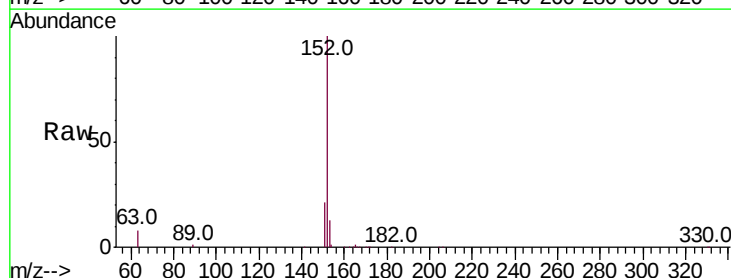
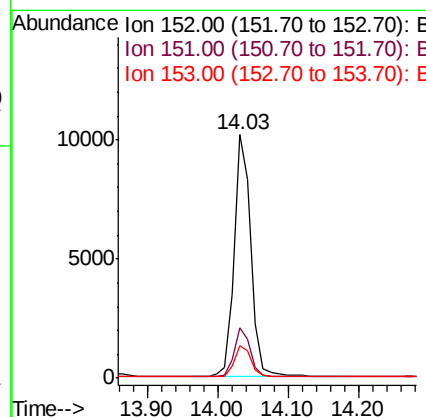
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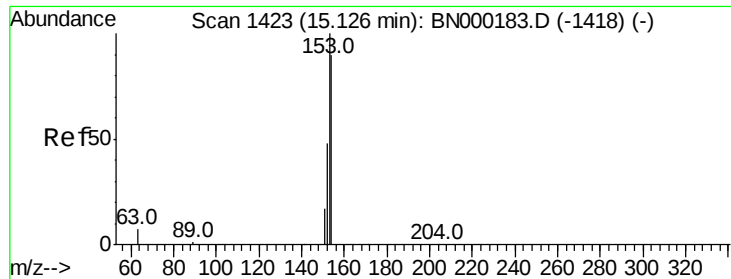
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#16
Acenaphthylene
Concen: 0.413 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7





#17

Acenaphthene

Concen: 0.418 ng

RT: 14.38 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Instrument :

BNA_N

ClientSampleId :

PB111487BSD

Tot Ion:154 Resp: 11204

Ion Ratio Lower Upper

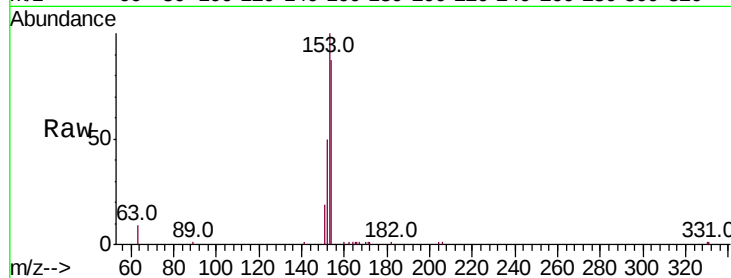
154 100

153 113.2 89.2 133.8

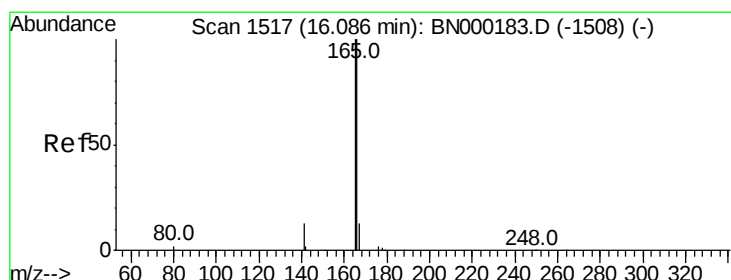
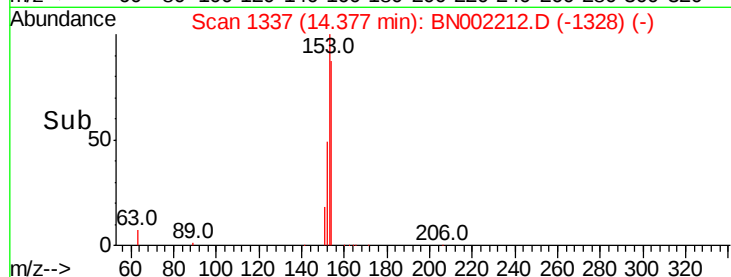
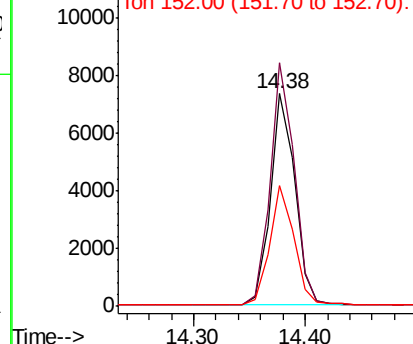
152 56.1 42.0 63.0

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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: 0.424 ng

RT: 15.37 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

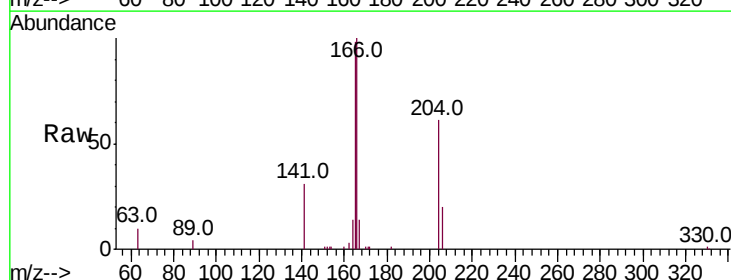
Tgt Ion:166 Resp: 13994

Ion Ratio Lower Upper

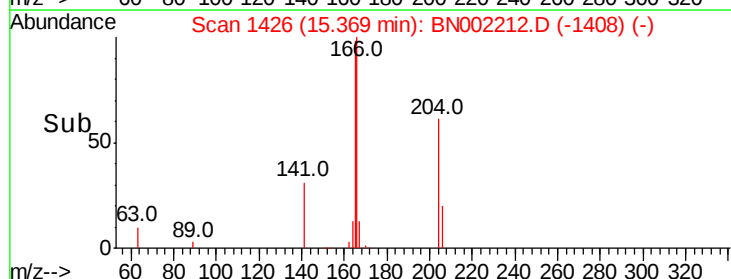
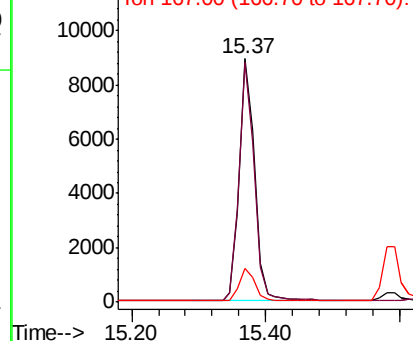
166 100

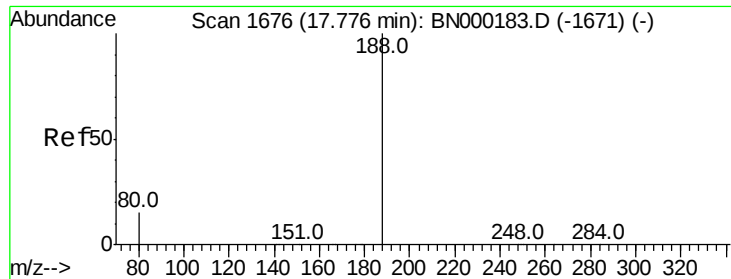
165 97.3 77.8 116.6

167 13.5 42.4 63.6#



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: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002212.D

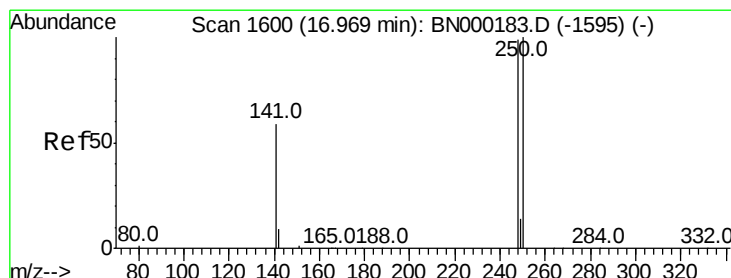
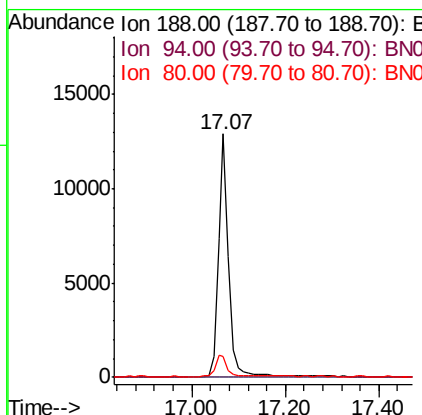
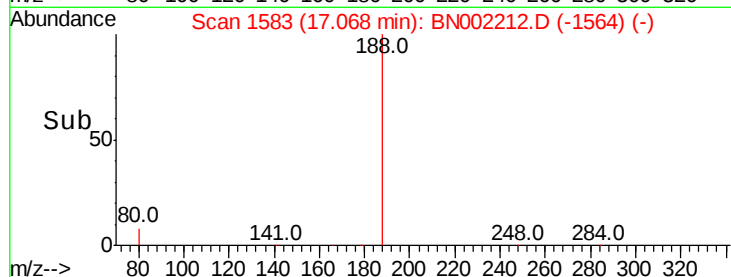
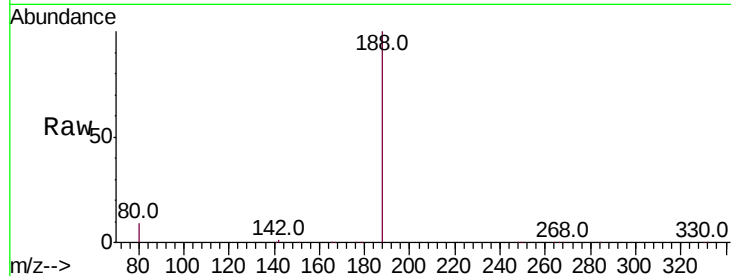
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :
PB111487BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	3.9	5.9#
80	8.6	3.6	5.4#

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#20

4-Bromophenyl-phenylether

Concen: 0.403 ng

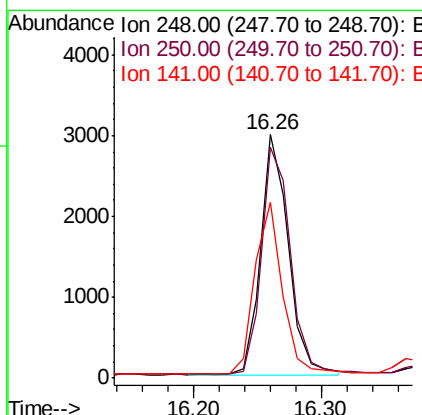
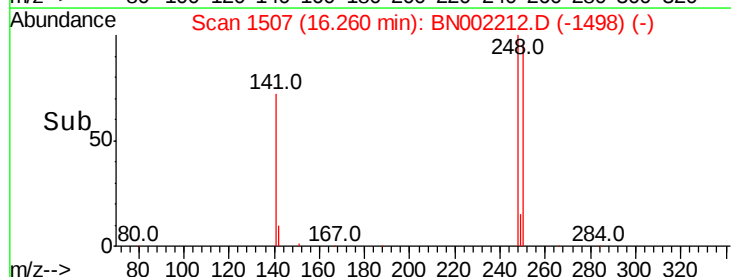
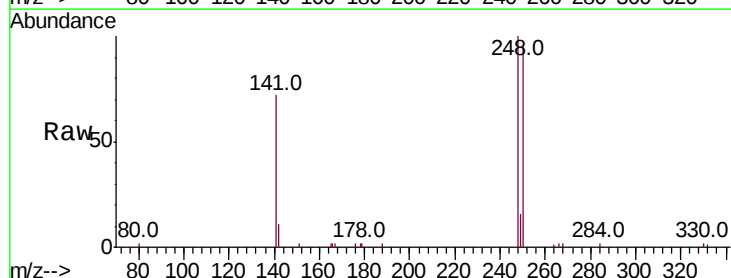
RT: 16.26 min Scan# 1507

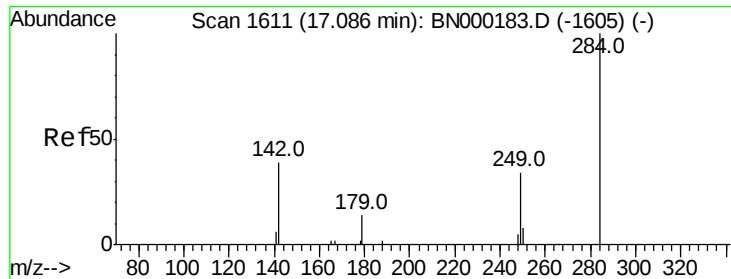
Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	94.8	62.7	94.1#
141	72.4	48.2	72.2#





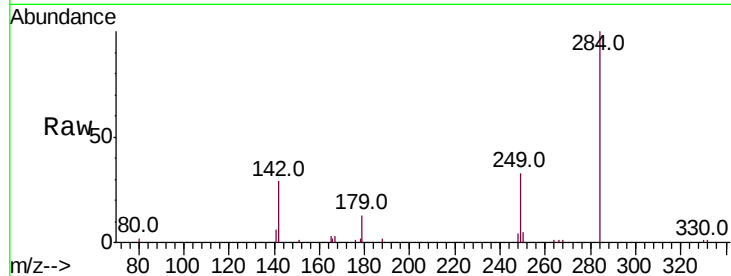
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :
PB111487BSD

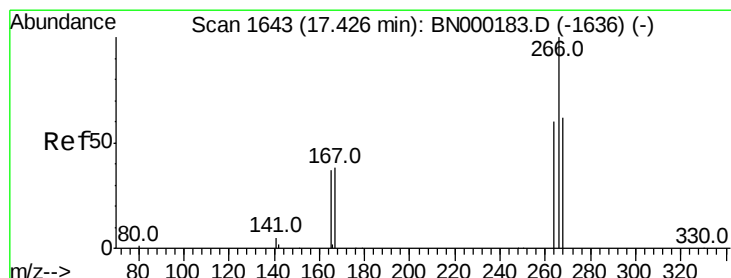
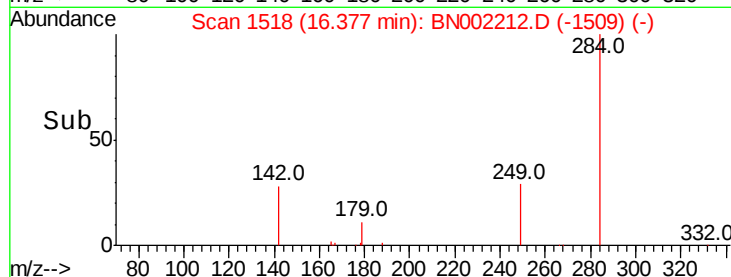
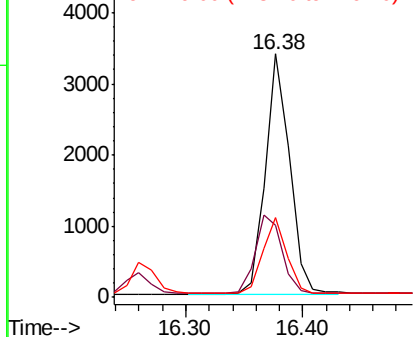
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.2	32.0	48.0
249	31.1	24.0	36.0

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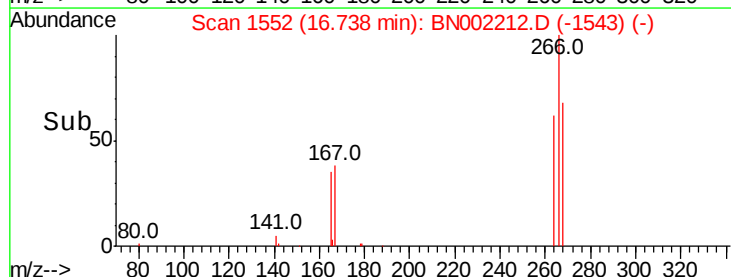
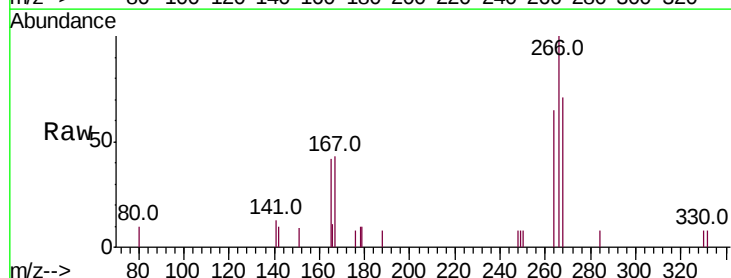
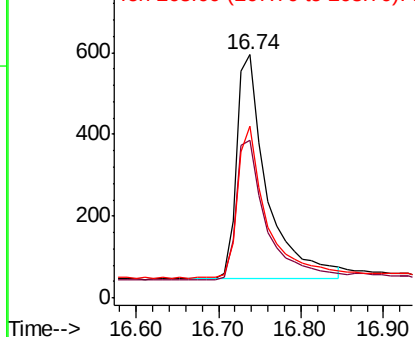
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

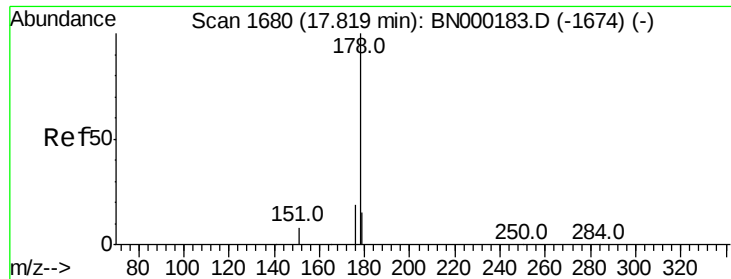


#22
Pentachlorophenol
Concen: 0.553 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.9	48.0	72.0
268	70.8	52.0	78.0

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: 0.430 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Instrument :

BNA_N

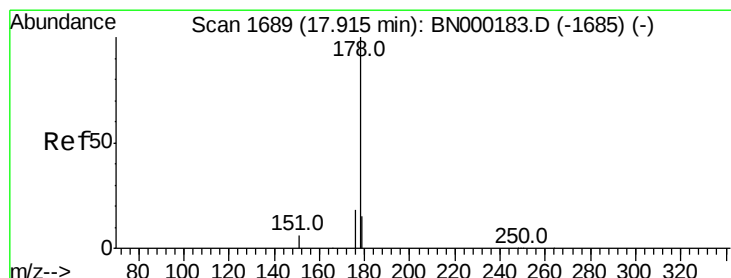
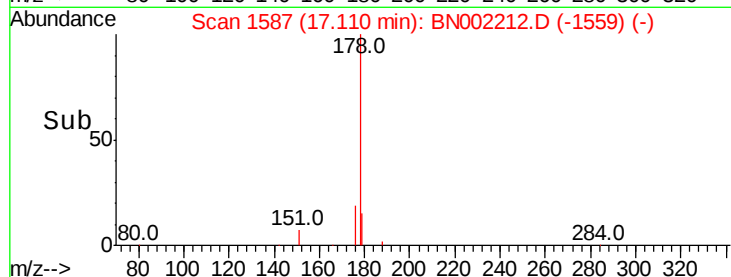
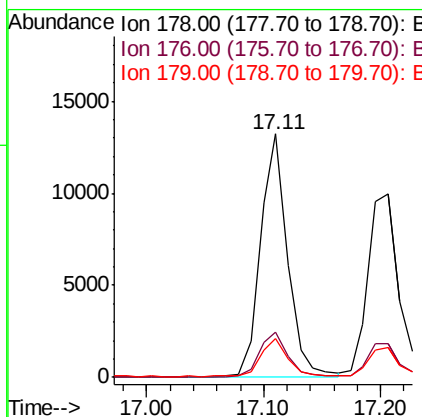
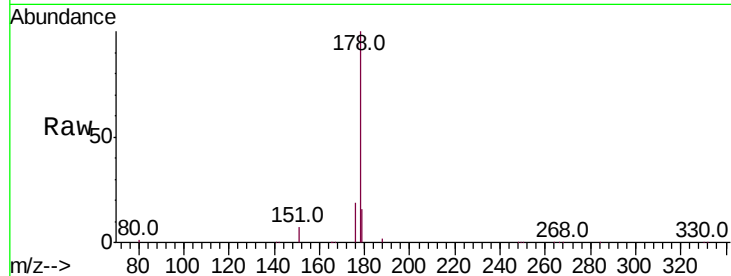
ClientSampleId :

PB111487BSD

Tot Ion:	178	Resp:	21000
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.1	22.7
179	15.5	11.8	17.6

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#24

Anthracene

Concen: 0.439 ng

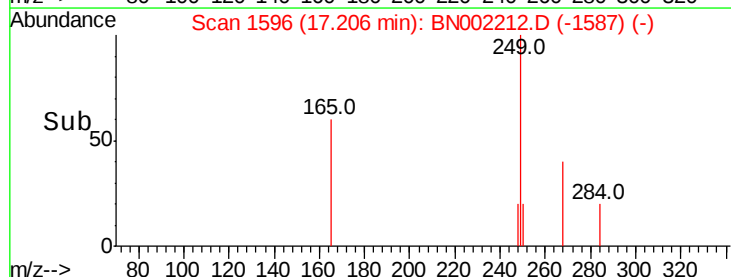
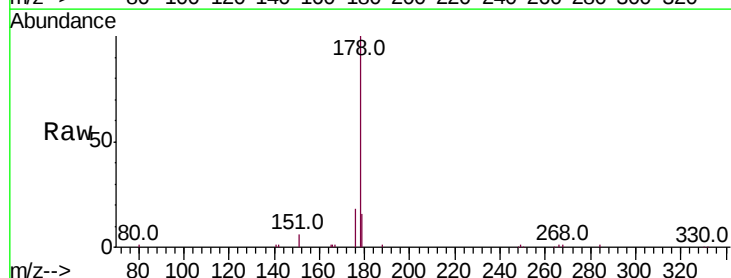
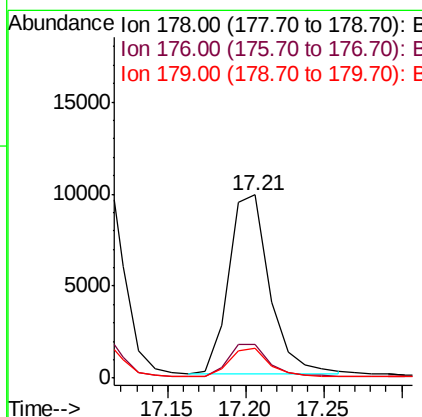
RT: 17.21 min Scan# 1596

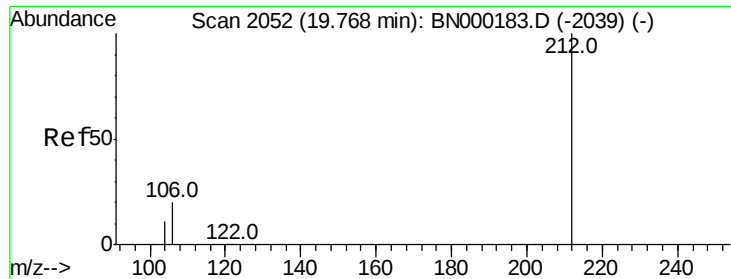
Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Tgt Ion:	178	Resp:	17753
Ion Ratio	Lower	Upper	
178	100		
176	18.3	12.8	19.2
179	15.2	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Instrument :

BNA_N

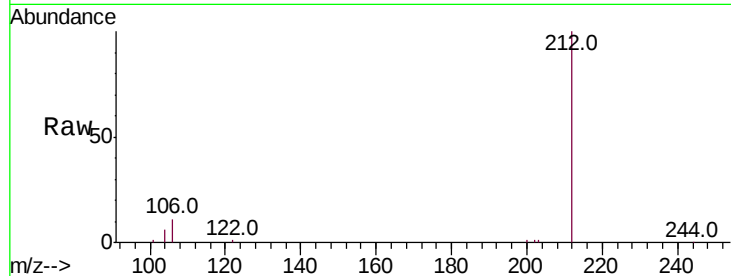
ClientSampleId :

PB111487BSD

Tot Ion	Ratio	Lower	Upper
212	100		
106	11.7	2.8	4.2#
104	6.6	1.6	2.4#

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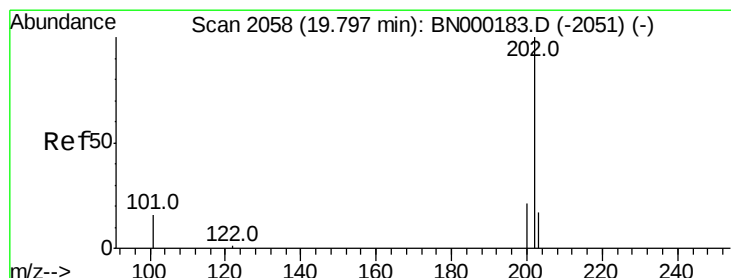
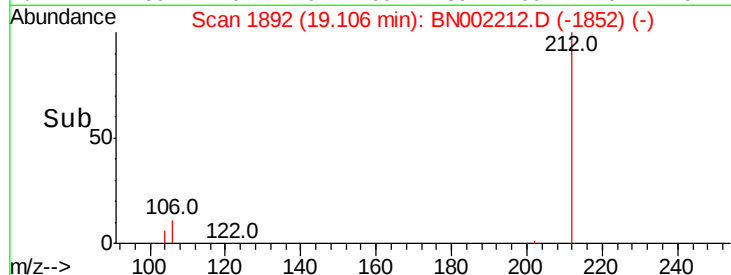
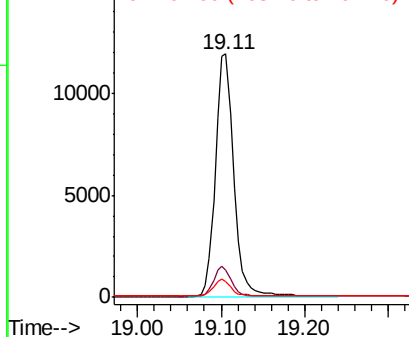


Abundance

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: 0.382 ng

RT: 19.14 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

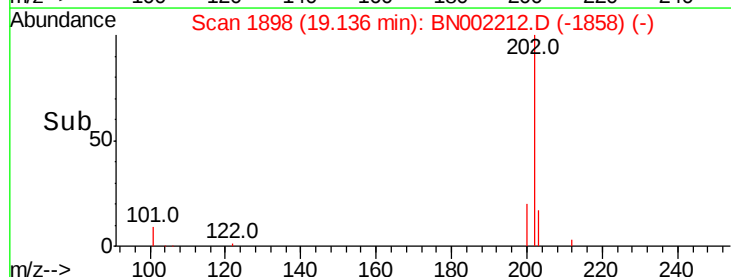
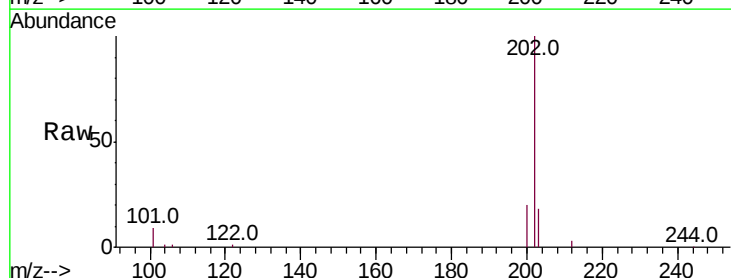
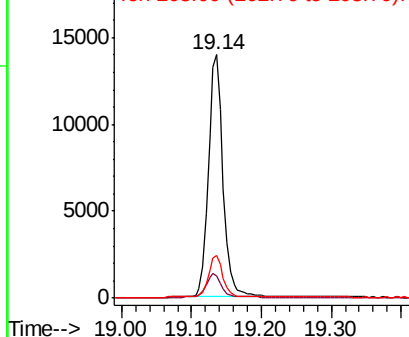
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	17.1	13.7	20.5

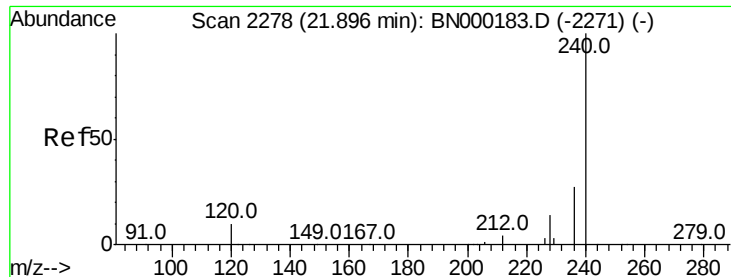
Abundance

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: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Instrument :

BNA_N

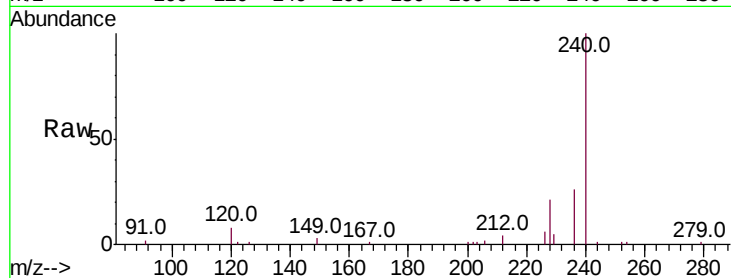
ClientSampleId :

PB111487BSD

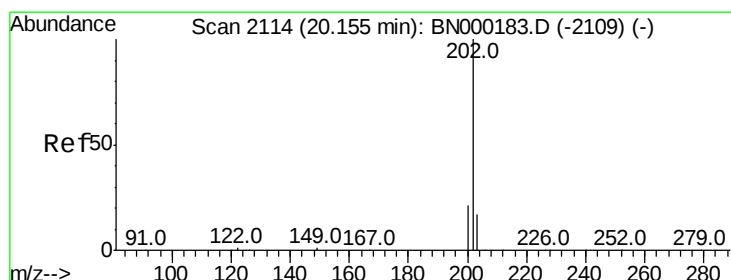
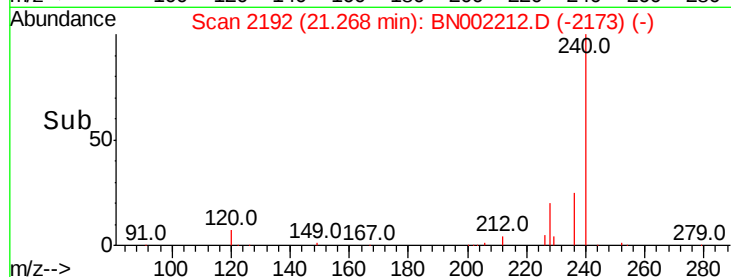
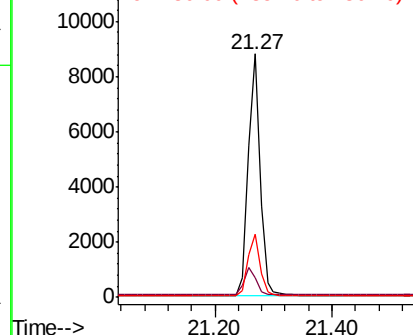
Tot Ion:	240	Resp:	12252
Ion Ratio	Lower	Upper	
240	100		
120	7.8	5.5	8.3
236	25.8	20.7	31.1

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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: 0.529 ng

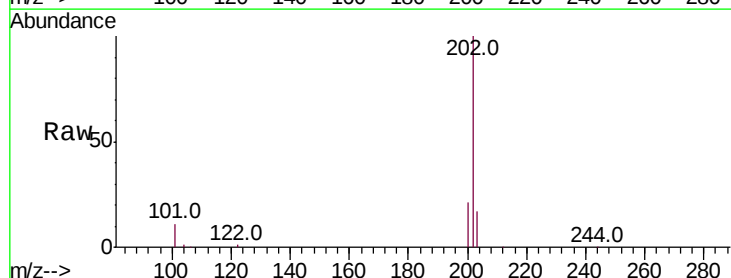
RT: 19.50 min Scan# 1971

Delta R.T. -0.00 min

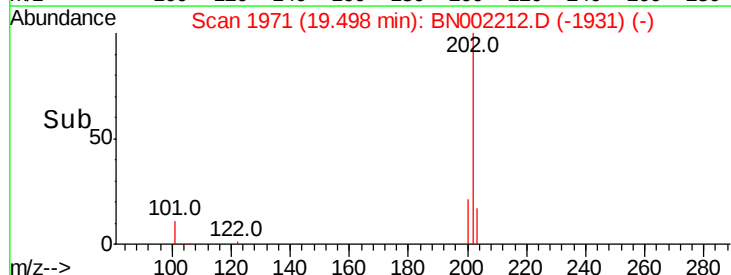
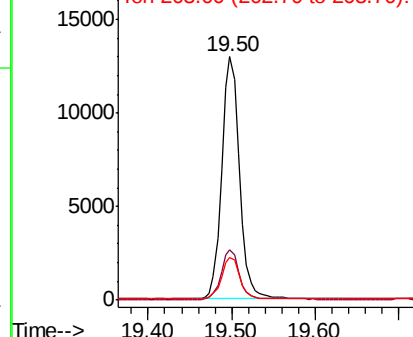
Lab File: BN002212.D

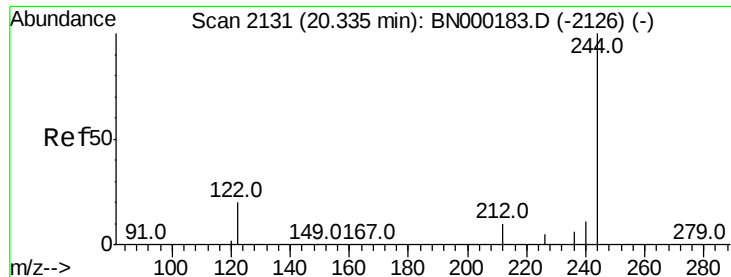
Acq: 31 Jul 2018 15:41

Tgt Ion:	202	Resp:	19183
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	25.0
203	17.9	13.8	20.8



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





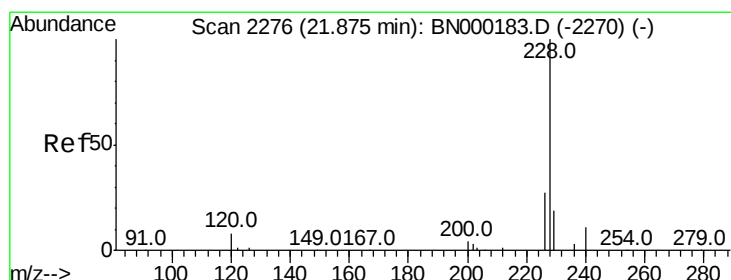
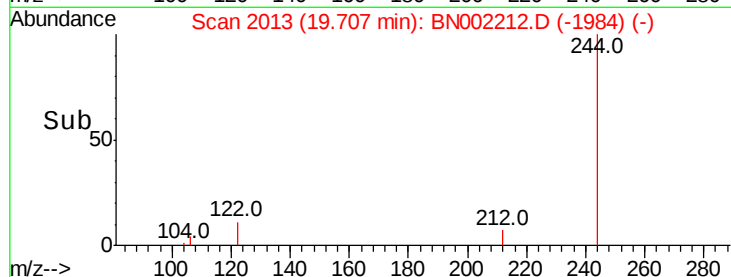
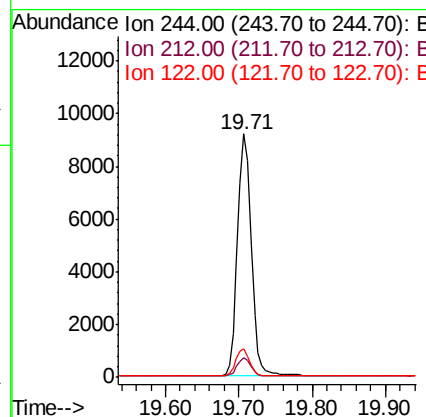
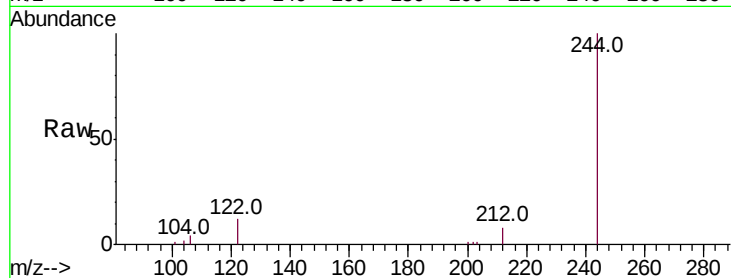
#29
 Terphenyl-d14
 Concen: 0.465 ng
 RT: 19.71 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BN002212.D
 Acq: 31 Jul 2018 15:41

Instrument :
 BNA_N
 ClientSampleId :
 PB111487BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	25.4	38.0#
122	11.5	8.1	12.1

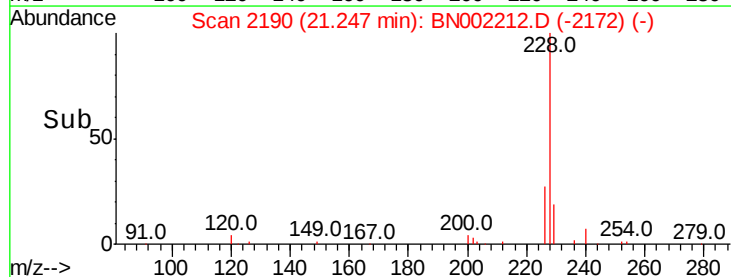
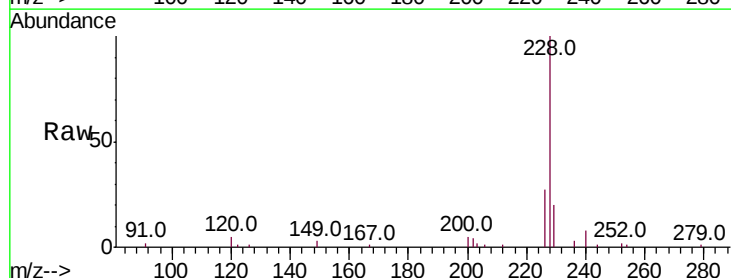
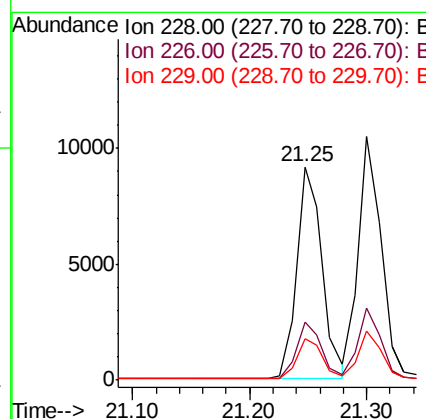
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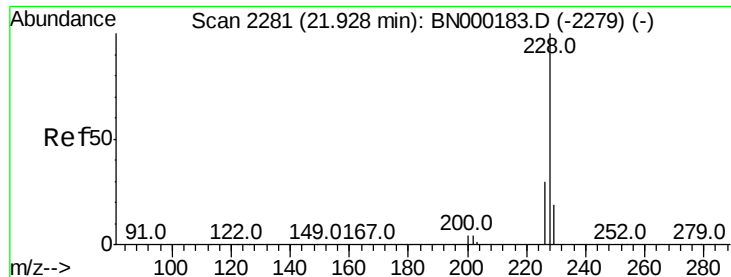
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#30
 Benzo(a)anthracene
 Concen: 0.448 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BN002212.D
 Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.0	36.0
229	19.7	16.0	24.0





#31

Chrysene

Concen: 0.417 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Instrument :

BNA_N

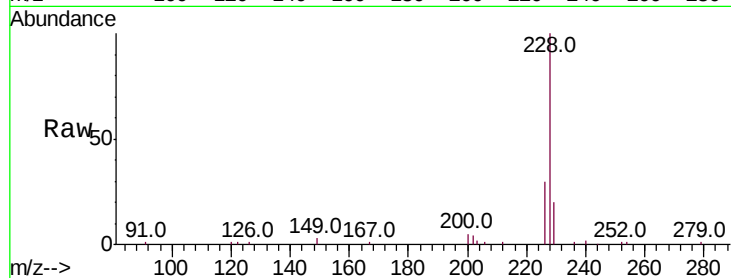
ClientSampleId :

PB111487BSD

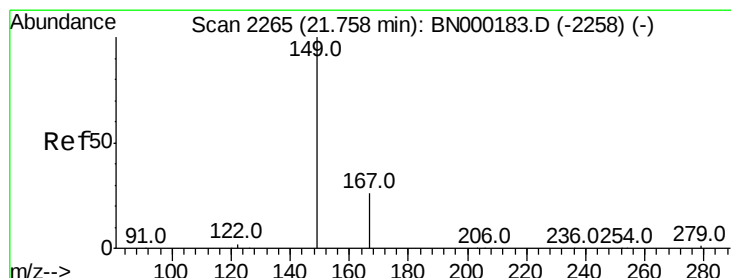
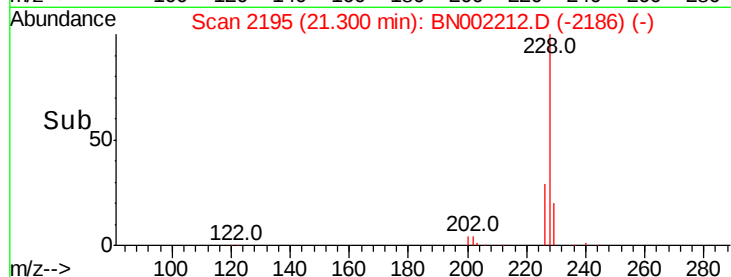
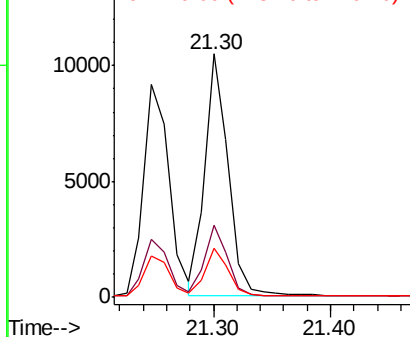
Tot Ion:	228	Resp:	14390
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	20.1	16.0	24.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.437 ng

RT: 21.18 min Scan# 2184

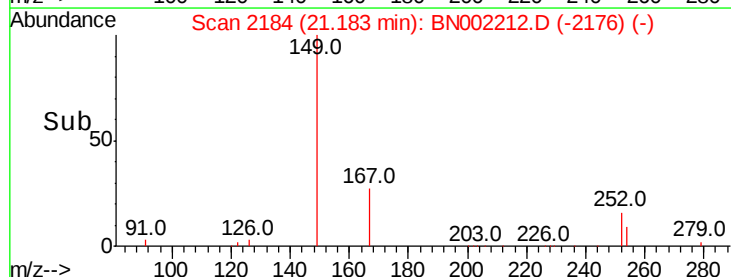
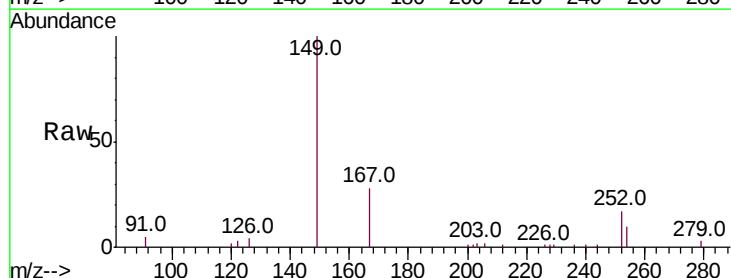
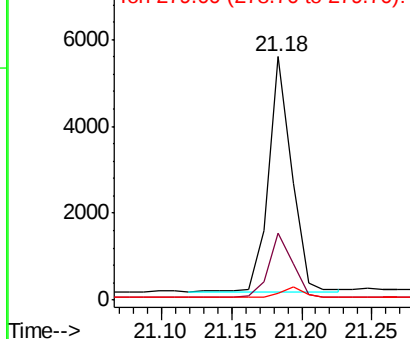
Delta R.T. -0.01 min

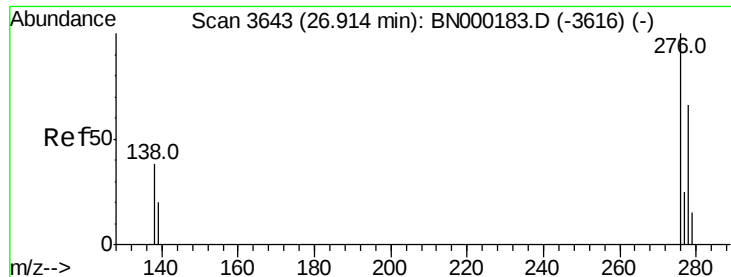
Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Tgt Ion:	149	Resp:	6152
Ion Ratio	Lower	Upper	
149	100		
167	28.0	20.0	30.0
279	4.5	1.6	2.4#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





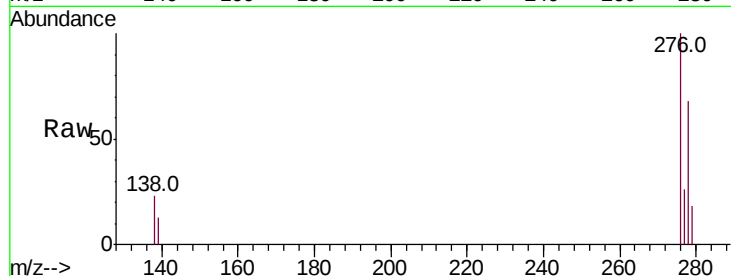
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.413 ng
 RT: 25.72 min Scan# 3268
 Delta R.T. -0.01 min
 Lab File: BN002212.D
 Acq: 31 Jul 2018 15:41

Instrument :
 BNA_N
 ClientSampleId :
 PB111487BSD

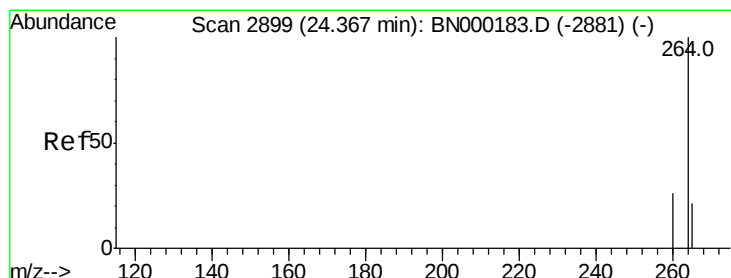
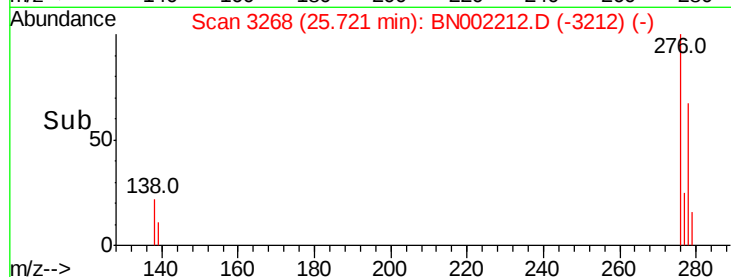
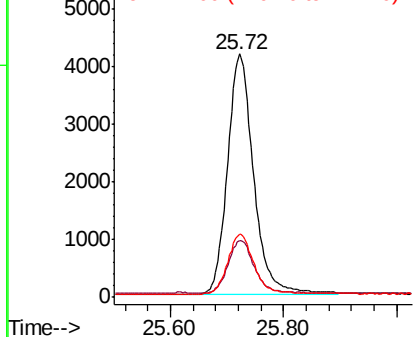
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.5	33.7#
277	24.9	19.9	29.9

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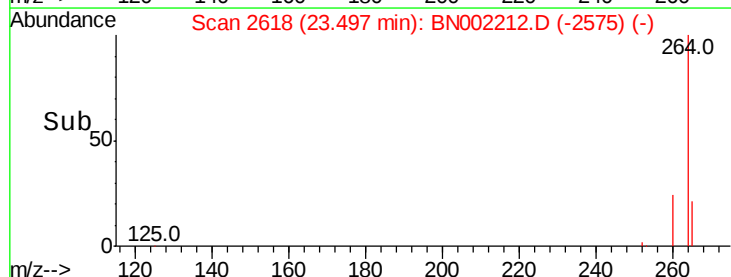
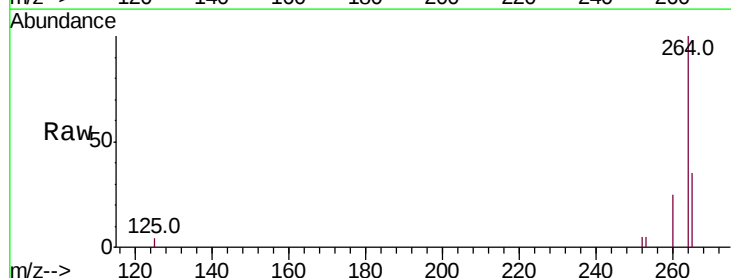
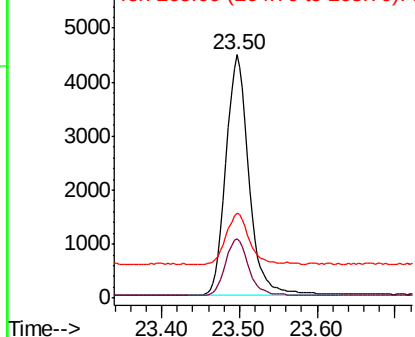
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

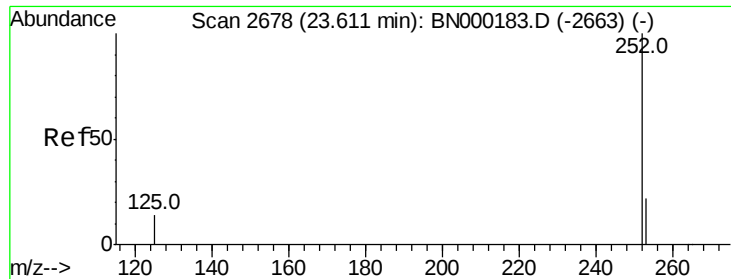


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BN002212.D
 Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.5	30.7
265	35.0	22.8	34.2#

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





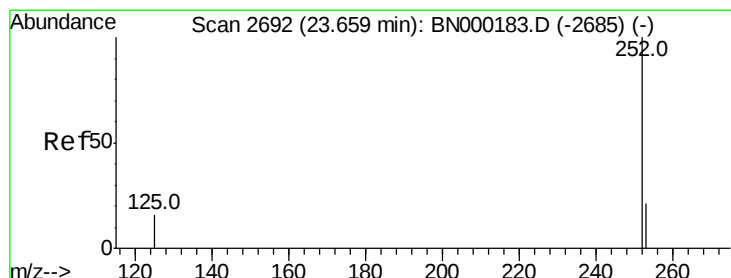
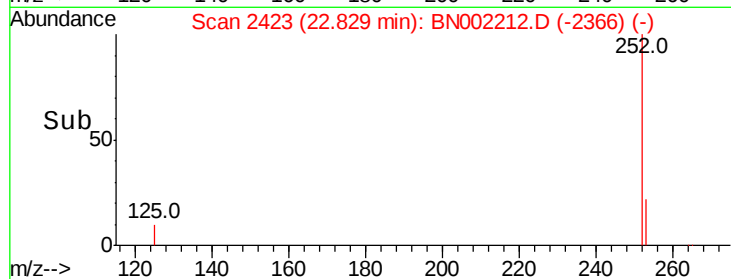
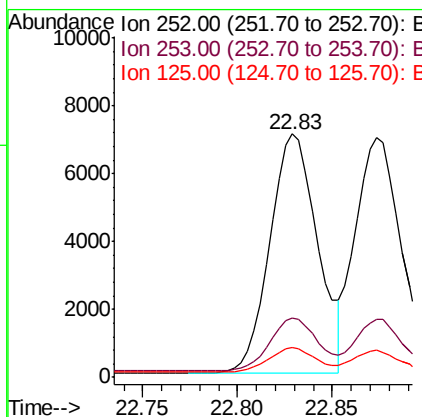
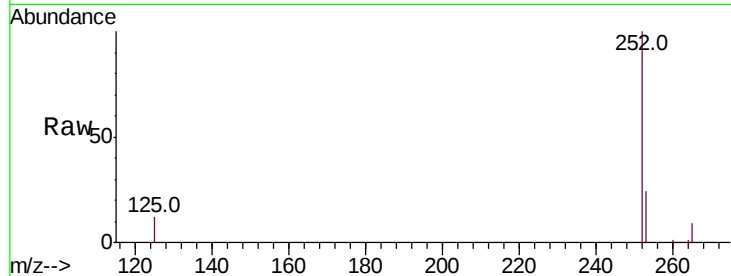
#35
Benzo(b)fluoranthene
Concen: 0.459 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :
PB111487BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	12.0	16.0	24.0

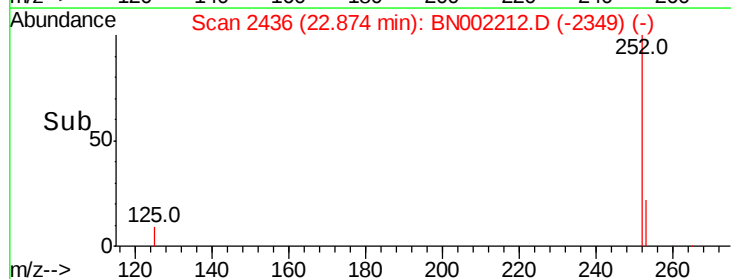
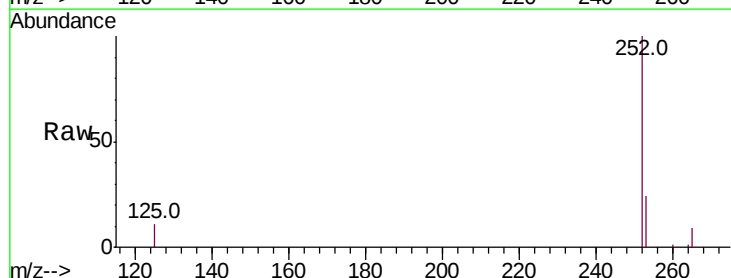
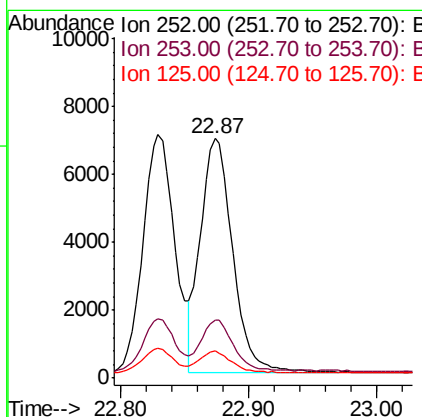
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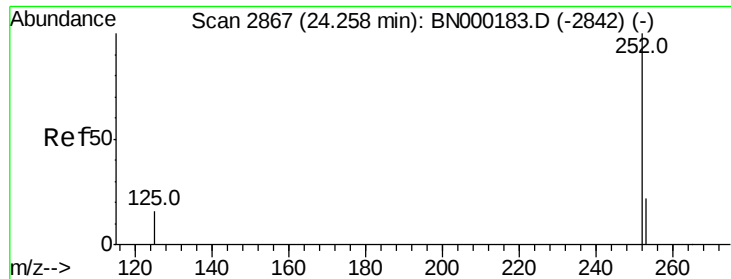
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#36
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 22.87 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.0	24.0
125	11.2	8.0	12.0





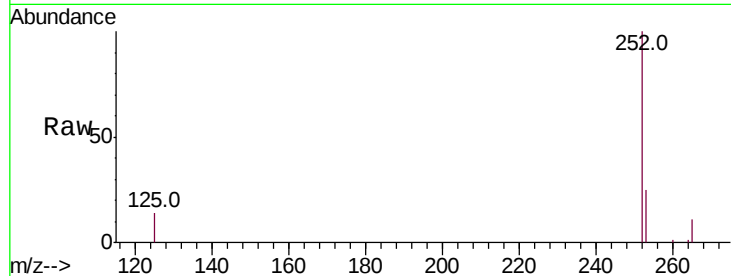
#37
Benzo(a)pyrene
Concen: 0.459 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :
PB111487BSD

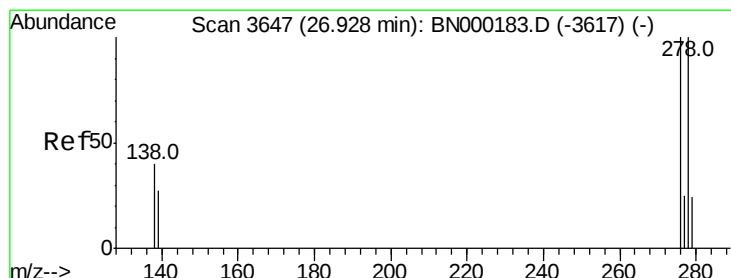
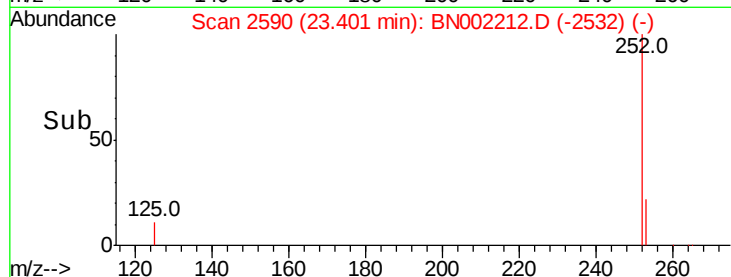
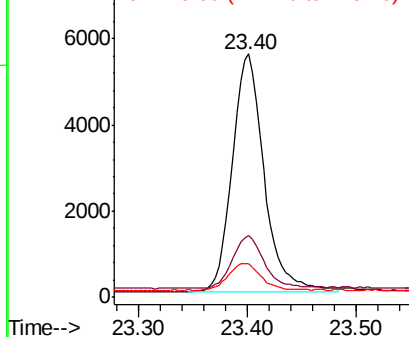
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.0	24.0
125	14.0	12.0	18.0

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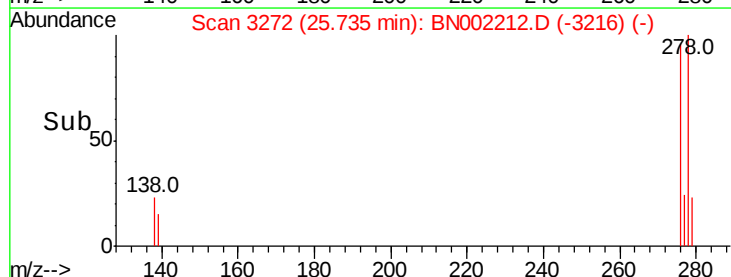
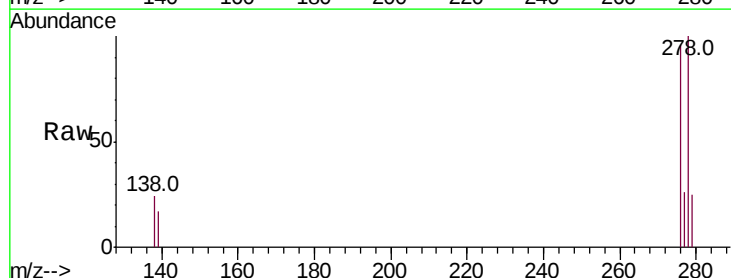
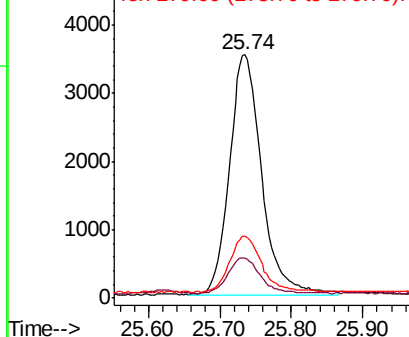
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

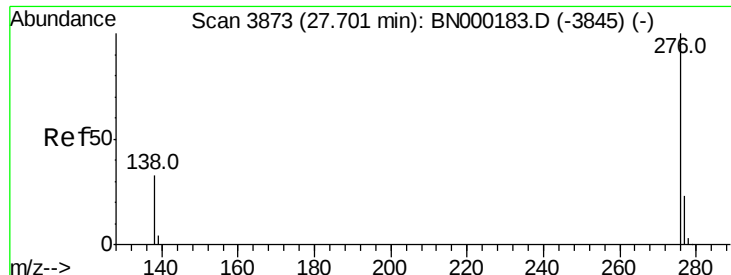


#38
Dibenzo(a,h)anthracene
Concen: 0.465 ng
RT: 25.74 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	16.0	24.0
279	25.4	20.0	30.0

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.486 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BN002212.D

Acq: 31 Jul 2018 15:41

Instrument :

BNA_N

ClientSampleId :

PB111487BSD

Tot Ion:276 Resp: 11726

Ion Ratio Lower Upper

276 100

277 24.8 16.0 24.0#

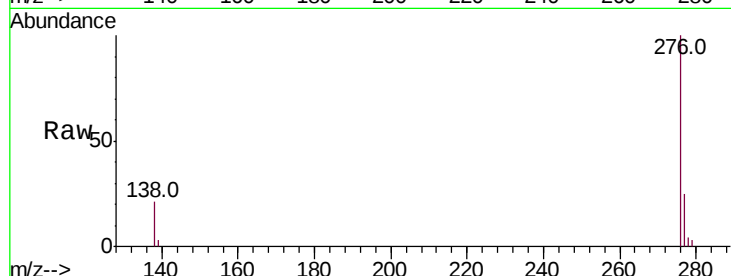
138 20.8 20.0 30.0

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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

