

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004833.D
 Acq On : 20 Mar 2019 23:29
 Operator : JU/SJ
 Sample : PB118052BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118052BSD

Manual Integrations
 APPROVED

Sohil
 3/25/2019 8:49:56 AM

Quant Time: Mar 21 09:13:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	1538	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6817	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4306	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	11149	0.40	ng	0.00
27) Chrysene-d12	21.29	240	15272	0.40	ng	0.00
34) Perylene-d12	23.55	264	16679	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1570	0.38	ng	0.00
5) Phenol-d6	6.88	99	1923	0.37	ng	0.00
8) Nitrobenzene-d5	8.87	82	1566	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4695	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	938	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	7286	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	14363	0.38	ng	0.00
29) Terphenyl-d14	19.73	244	12473	0.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	718	0.411	ng	93
3) n-Nitrosodimethylamine	3.58	42	332	0.321	ng	98
6) bis(2-Chloroethyl)ether	7.14	93	1849	0.394	ng	95
9) Naphthalene	10.54	128	7580	0.396	ng	99
10) Hexachlorobutadiene	10.81	225	1495	0.410	ng	# 99
12) 2-Methylnaphthalene	12.16	142	5620	0.396	ng	99
16) Acenaphthylene	14.07	152	8144	0.367	ng	100
17) Acenaphthene	14.40	154	5788	0.398	ng	99
18) Fluorene	15.39	166	8076	0.398	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	2825	0.388	ng	99
21) Hexachlorobenzene	16.39	284	3377	0.405	ng	99
22) Pentachlorophenol	16.76	266	679m	0.417	ng	
23) Phenanthrene	17.13	178	14323	0.398	ng	99
24) Anthracene	17.23	178	11932	0.371	ng	100
26) Fluoranthene	19.16	202	17930	0.388	ng	100
28) Pyrene	19.53	202	18368	0.394	ng	100
30) Benzo(a)anthracene	21.28	228	18465	0.369	ng	99
31) Chrysene	21.33	228	21644	0.410	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	7382	0.369	ng	100
33) Indeno(1,2,3-cd)pyrene	25.81	276	31013	0.406	ng	100
35) Benzo(b)fluoranthene	22.86	252	25051	0.415	ng	100
36) Benzo(k)fluoranthene	22.91	252	23296	0.392	ng	99
37) Benzo(a)pyrene	23.45	252	21926	0.396	ng	99
38) Dibenzo(a,h)anthracene	25.83	278	25525	0.398	ng	100
39) Benzo(g,h,i)perylene	26.52	276	25969	0.398	ng	100

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

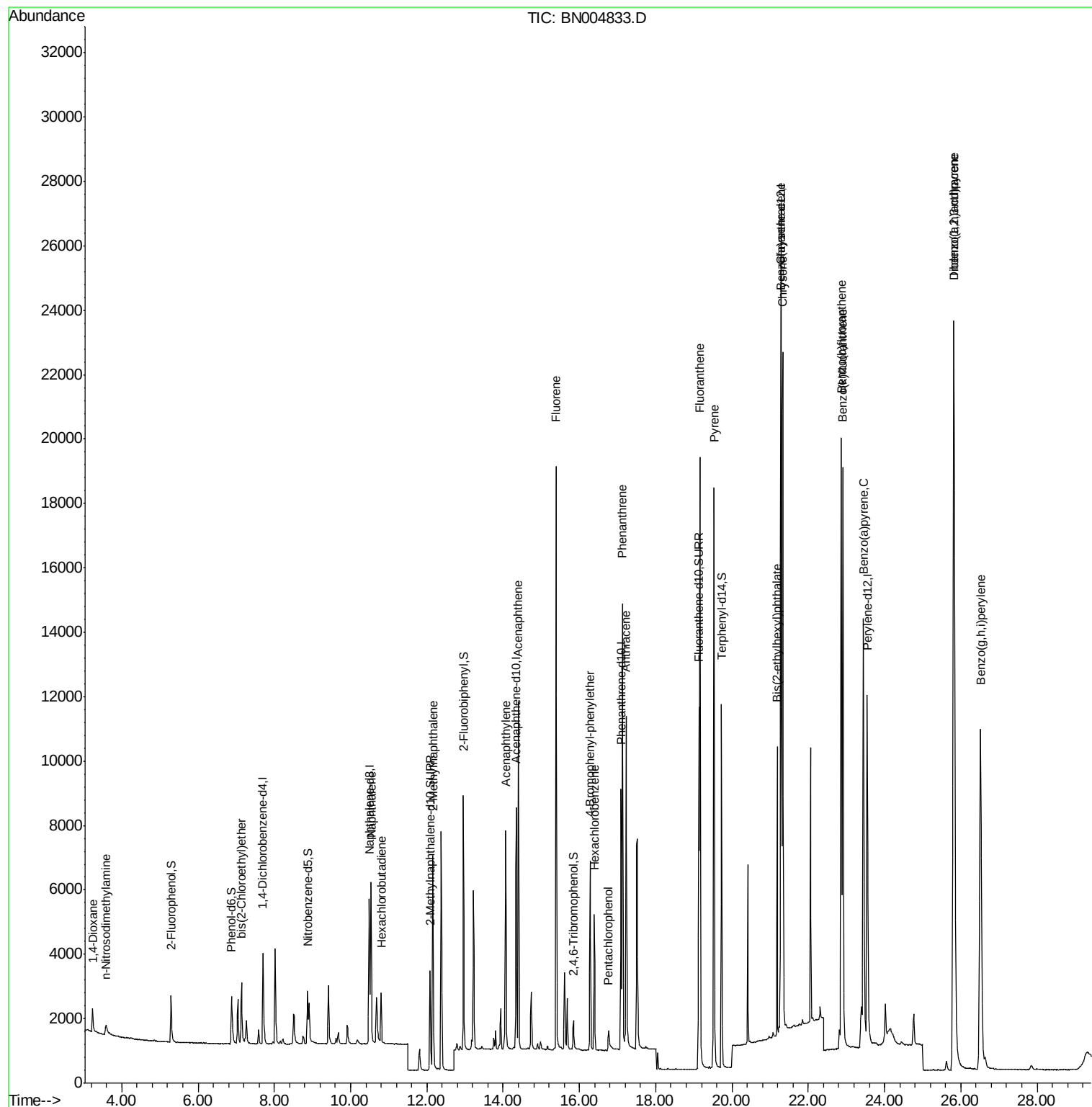
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004833.D
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Operator : JU/SJ
Sample : PB118052BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

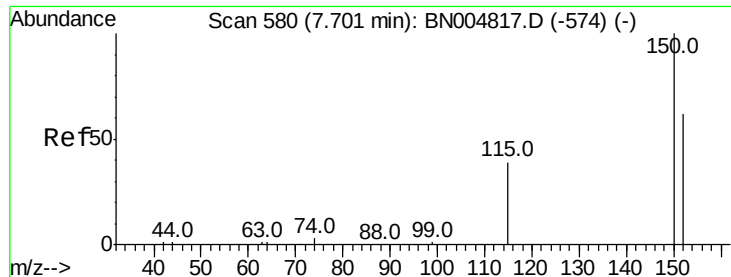
Instrument :
BNA_N
ClientSampleId :
PB118052BSD

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#1

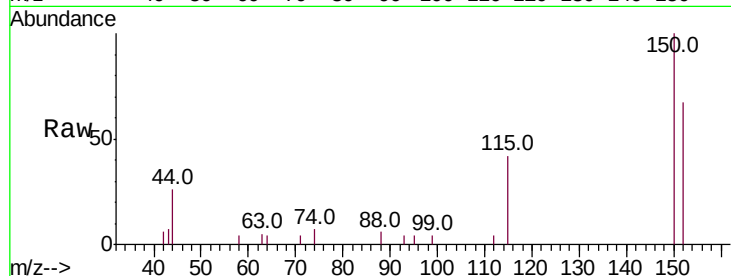
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.01 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Instrument :
BNA_N
ClientSampleId :
PB118052BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.2	189.4
115	62.5	52.6	79.0

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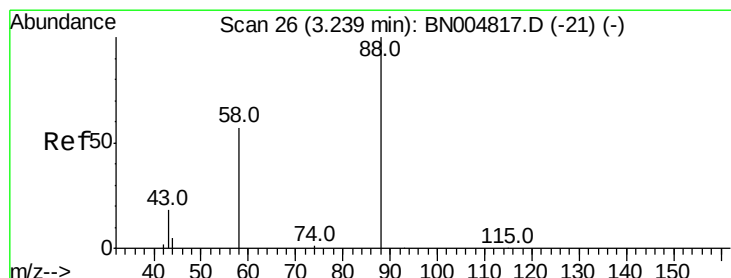
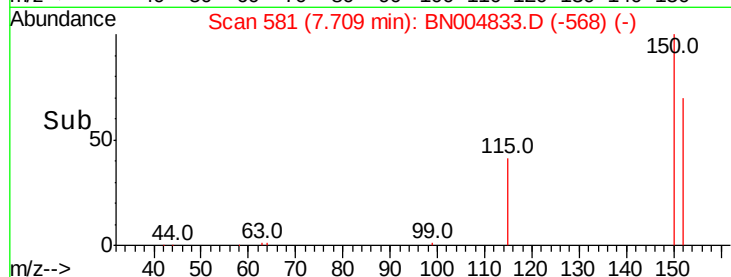
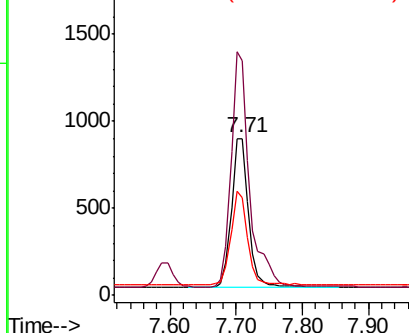


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

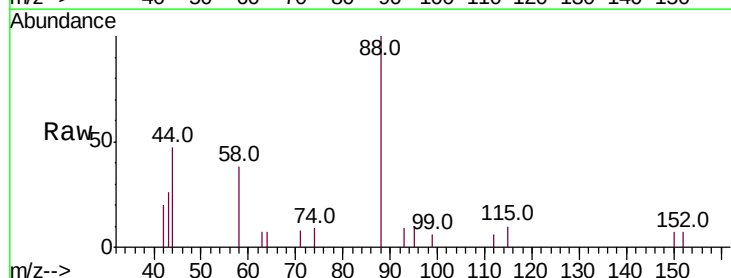
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.411 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.3	51.4	77.2
43	21.3	20.0	30.0

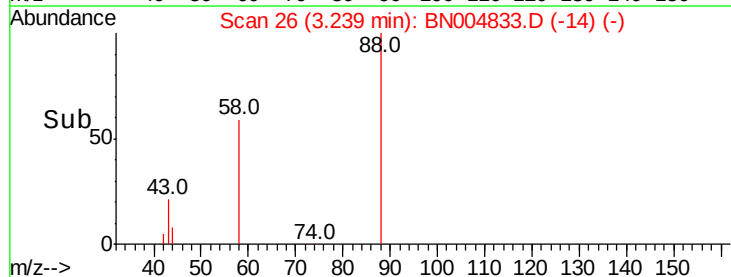
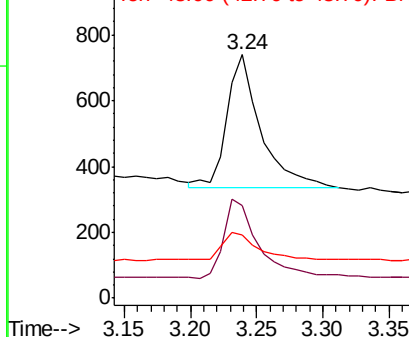


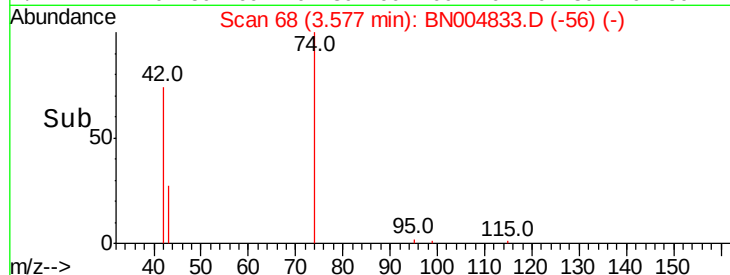
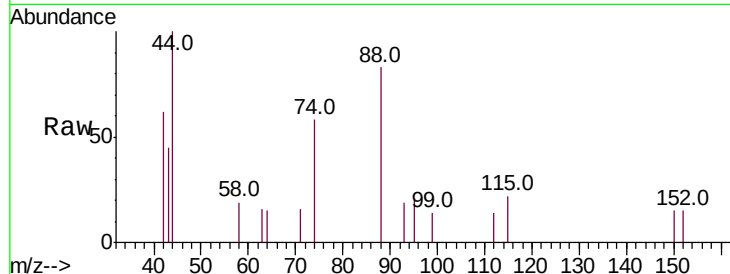
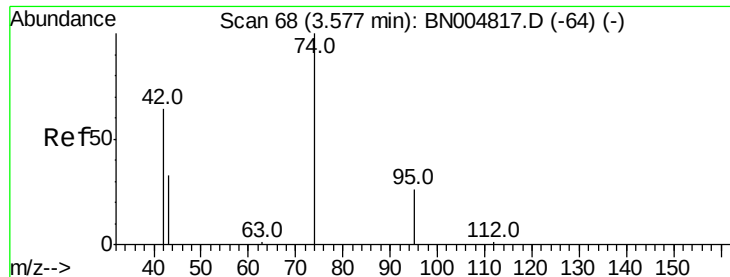
Abundance

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

n-Nitrosodimethylamine

Concen: 0.321 ng

RT: 3.58 min Scan# 68

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Tot Ion:	42	Resp:	332
Ion	Ratio	Lower	Upper
42	100		
74	163.9	128.4	192.6
44	7.2	6.1	9.1

Instrument :

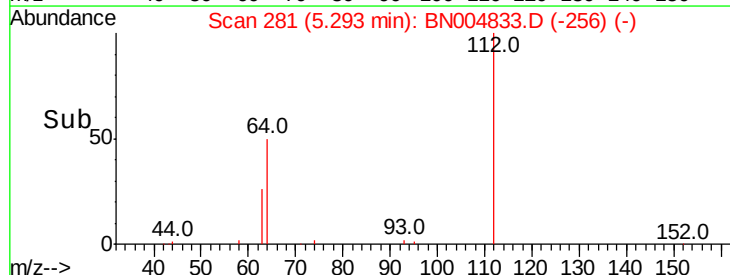
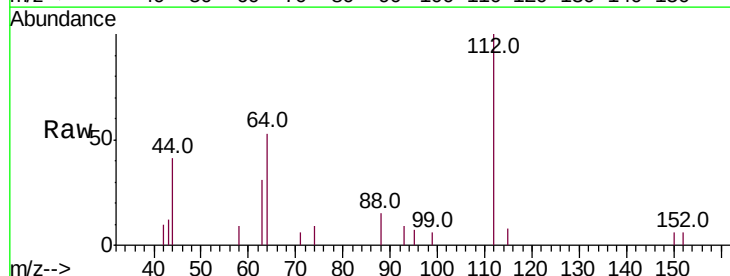
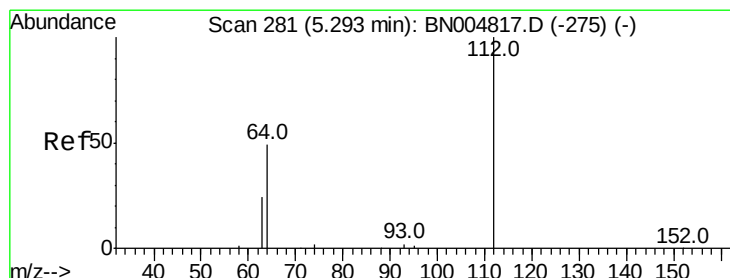
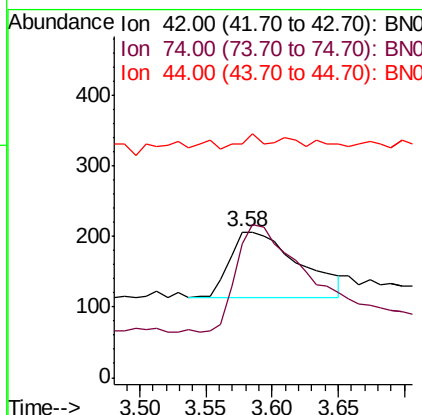
BNA_N

ClientSampleId :

PB118052BSD

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#4

2-Fluorophenol

Concen: 0.376 ng

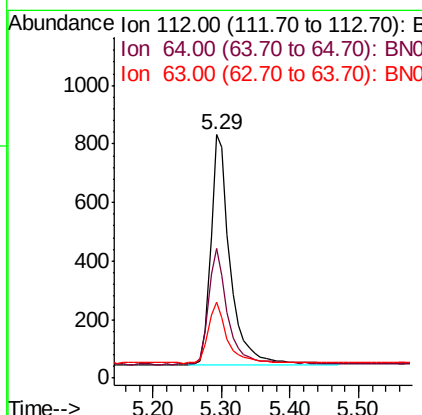
RT: 5.29 min Scan# 281

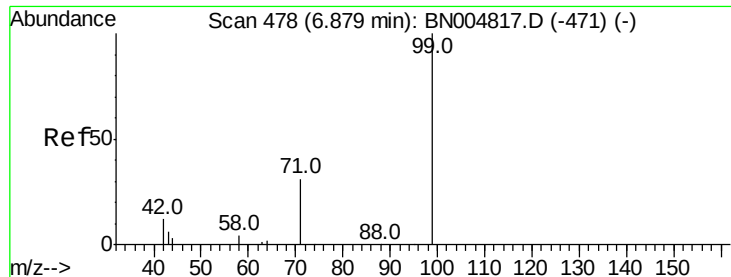
Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Tgt Ion:	112	Resp:	1570
Ion	Ratio	Lower	Upper
112	100		
64	50.3	40.0	60.0
63	25.7	20.2	30.2





#5

Phenol-d6

Concen: 0.369 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

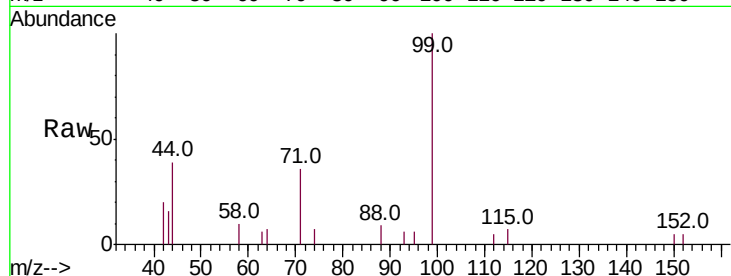
ClientSampleId :

PB118052BSD

Tot Ion:	99	Resp:	1923
Ion	Ratio	Lower	Upper
99	100		
42	13.4	12.7	19.1
71	32.1	26.6	40.0

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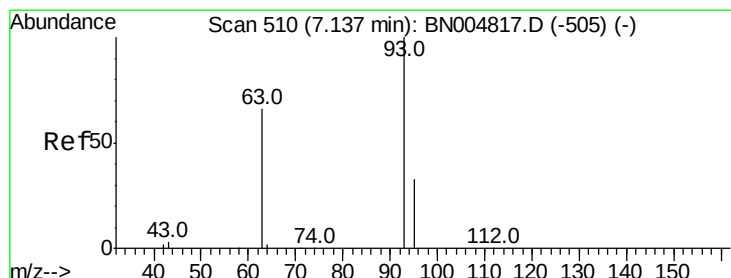
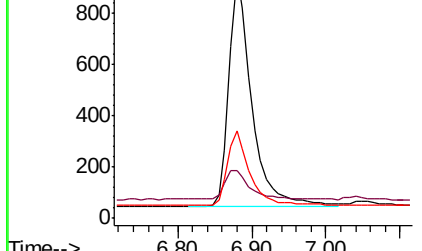
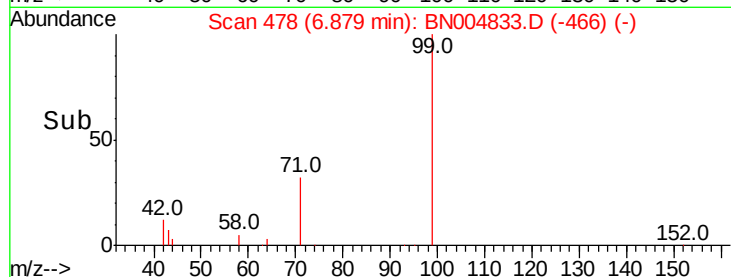


Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.394 ng

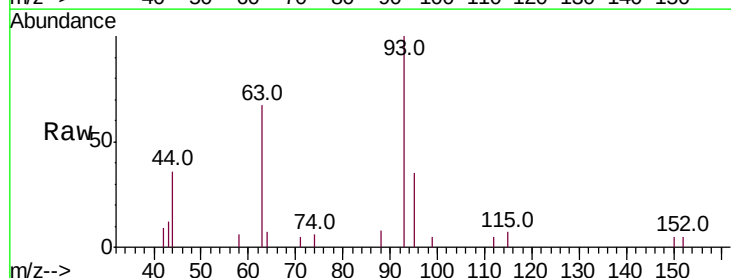
RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Tgt Ion:	93	Resp:	1849
Ion	Ratio	Lower	Upper
93	100		
63	61.4	52.6	78.8
95	30.2	25.9	38.9

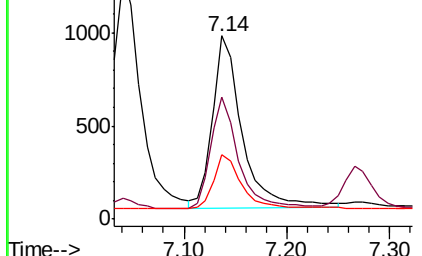
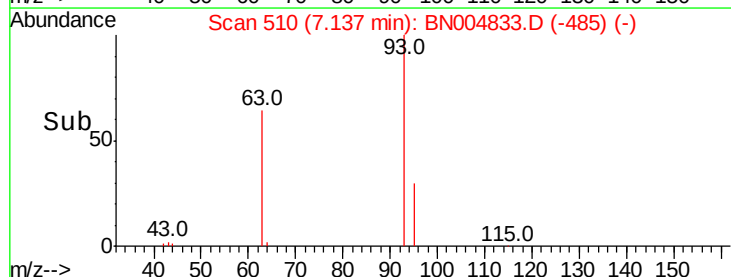


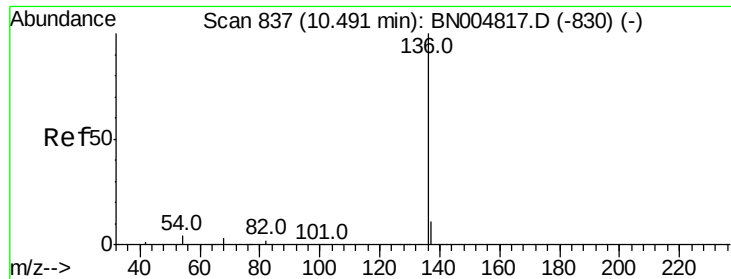
Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

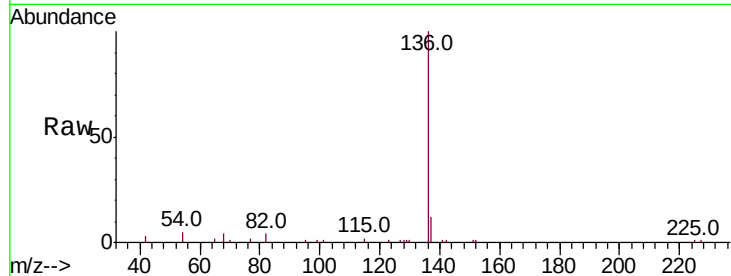
ClientSampleId :

PB118052BSD

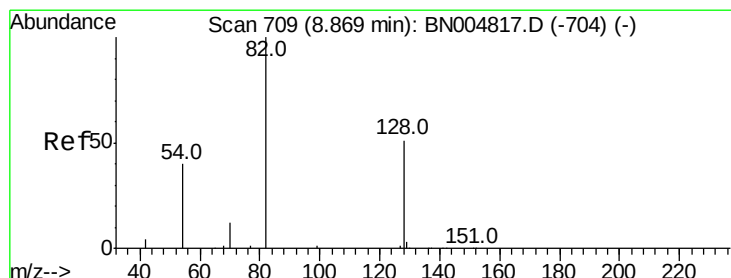
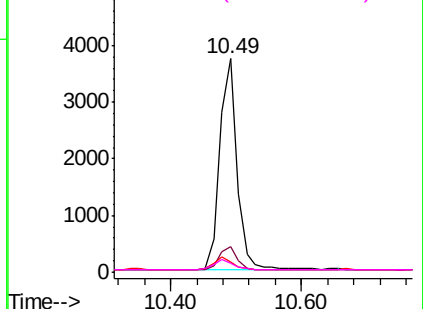
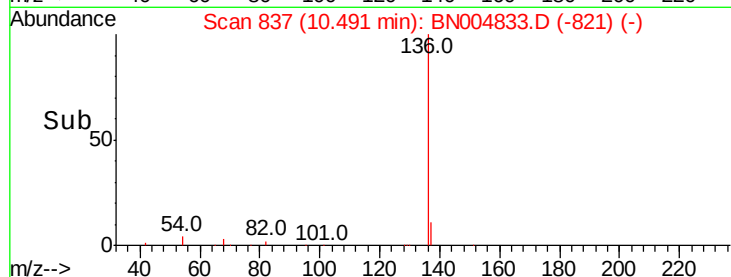
Tot Ion:	136	Resp:	6817
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.6	14.4
54	4.9	4.2	6.2
68	4.4	3.9	5.9

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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: 0.347 ng

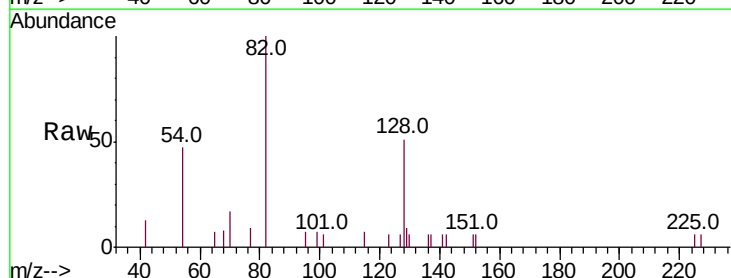
RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

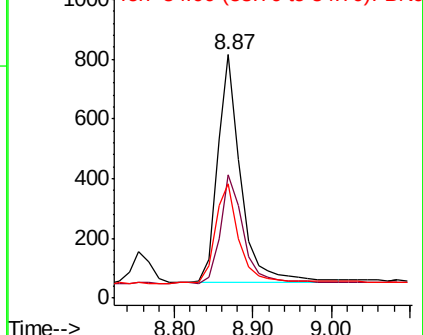
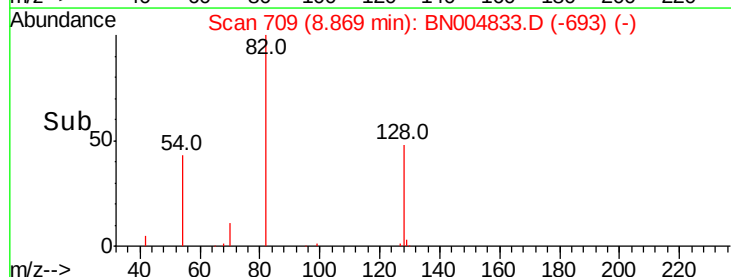
Lab File: BN004833.D

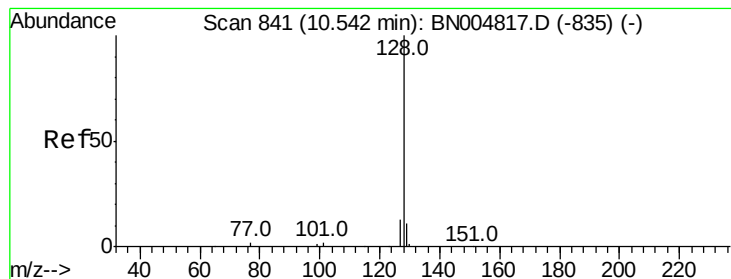
Acq: 20 Mar 2019 23:29

Tgt Ion:	82	Resp:	1566
Ion Ratio	Lower	Upper	
82	100		
128	50.9	43.0	64.6
54	46.9	35.3	52.9



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: 0.396 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

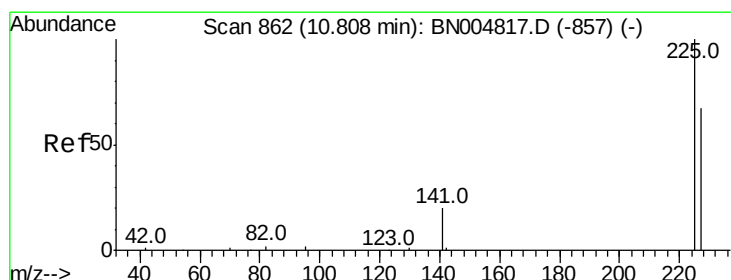
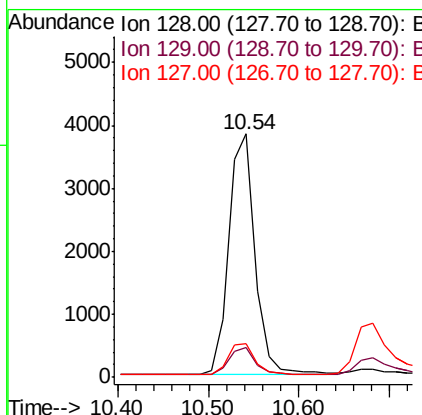
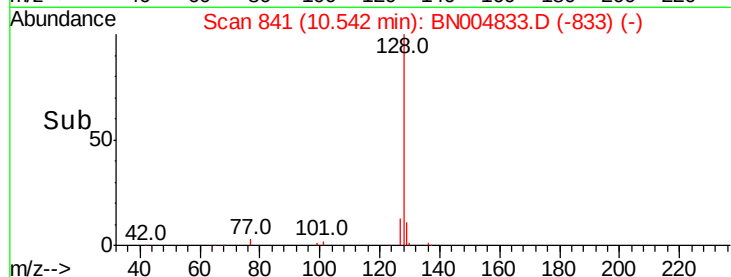
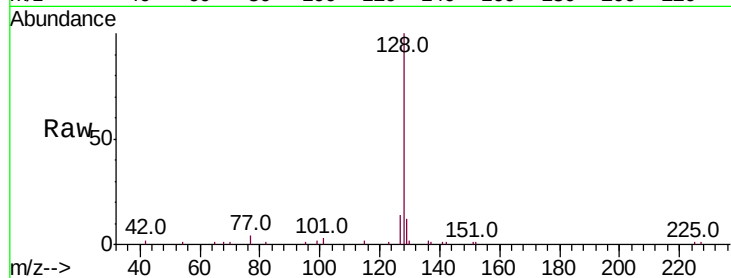
ClientSampleId :

PB118052BSD

Tot Ion:	128	Resp:	7580
Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.9	14.9
127	13.9	11.3	16.9

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#10

Hexachlorobutadiene

Concen: 0.410 ng

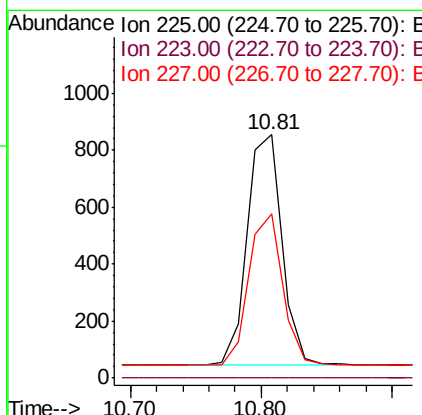
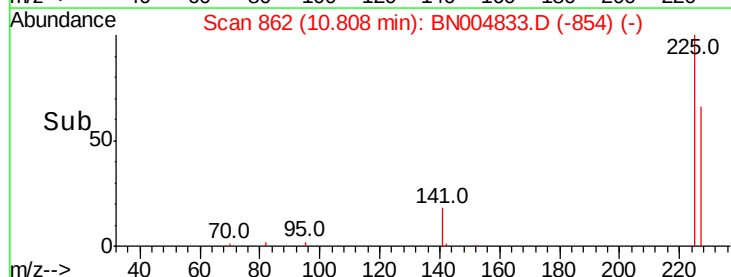
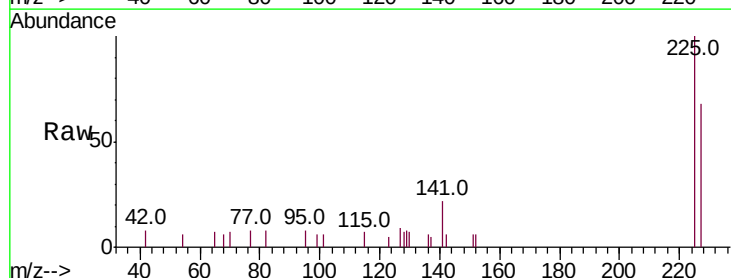
RT: 10.81 min Scan# 862

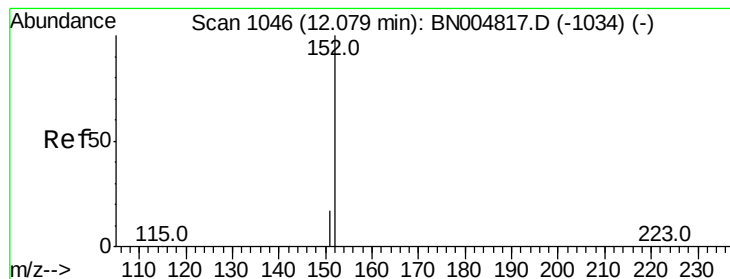
Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Tgt Ion:	225	Resp:	1495
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.08 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

Tot Ion:152 Resp: 4695

Ion Ratio Lower Upper

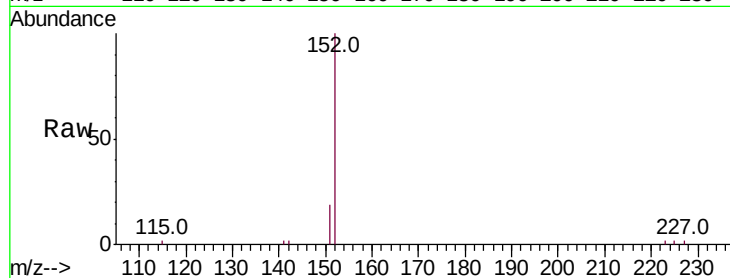
152 100

151 19.4 15.5 23.3

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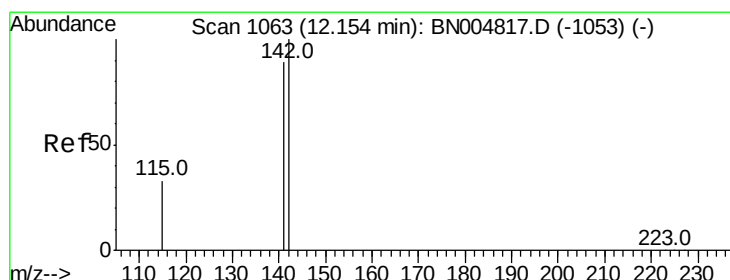
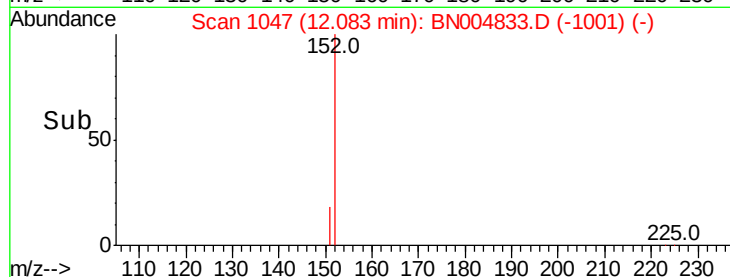
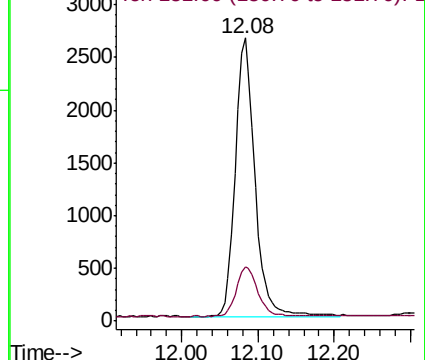
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.396 ng

RT: 12.16 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

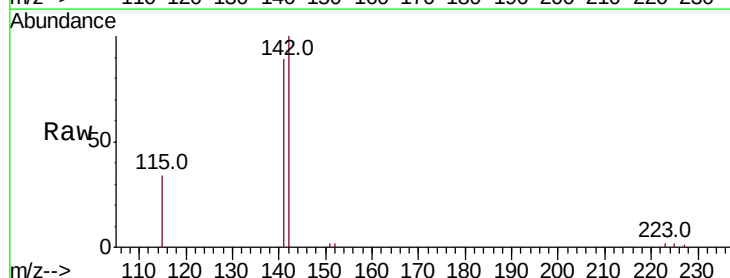
Tgt Ion:142 Resp: 5620

Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.2

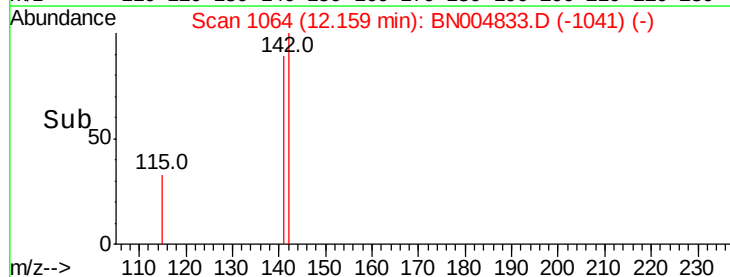
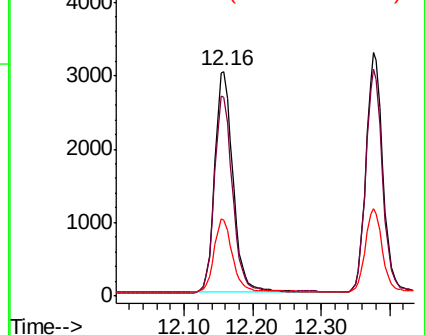
115 34.1 27.5 41.3

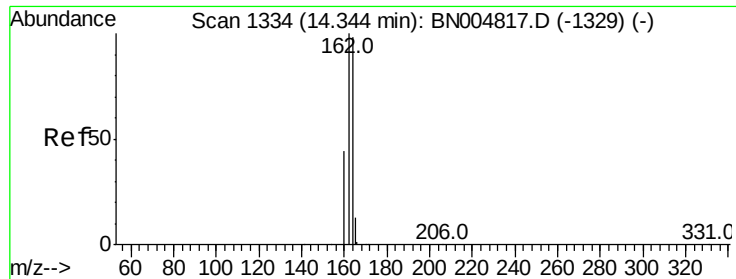


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

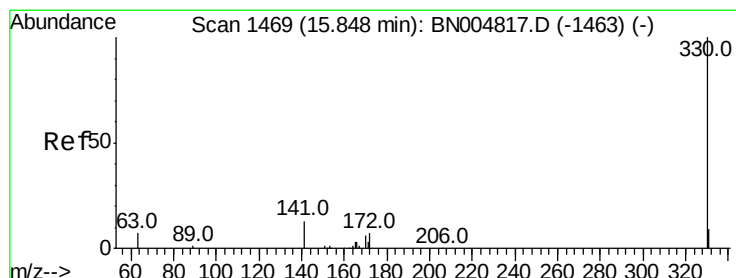
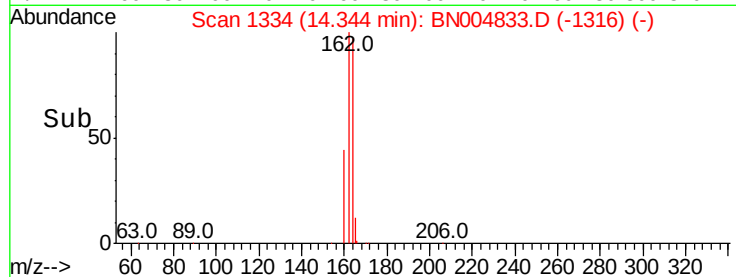
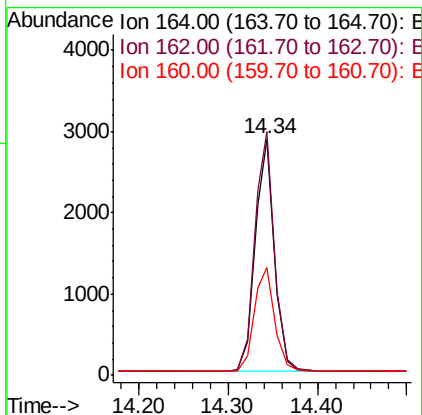
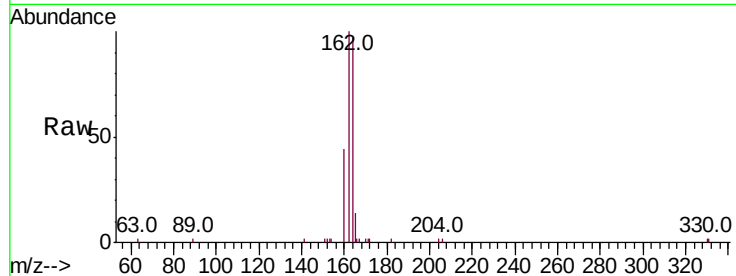
ClientSampleId :

PB118052BSD

Tot Ion:	164	Resp:	4306
Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.9	122.9
160	45.8	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.315 ng

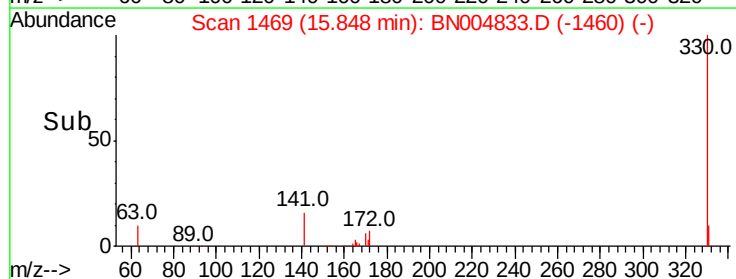
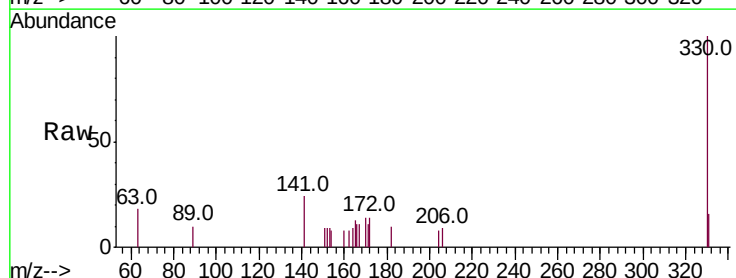
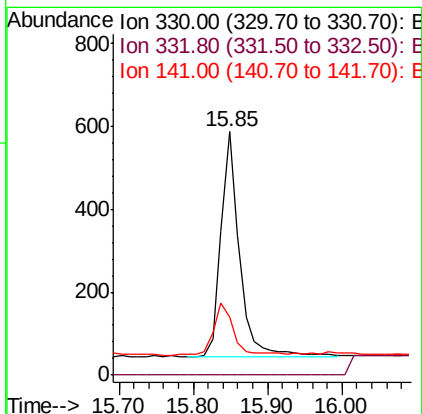
RT: 15.85 min Scan# 1469

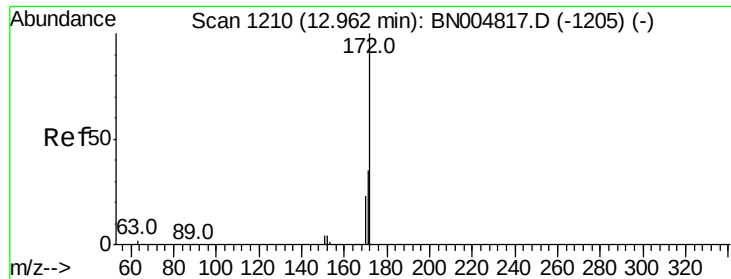
Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Tgt Ion:	330	Resp:	938
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	24.8	20.9	31.3





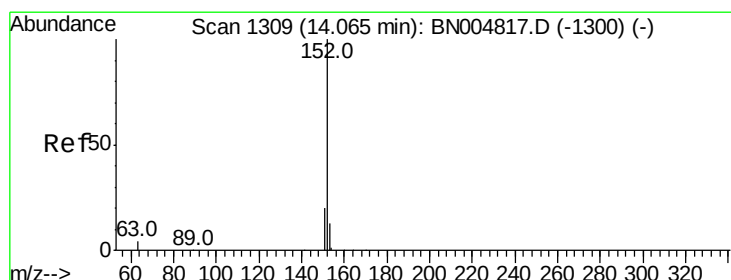
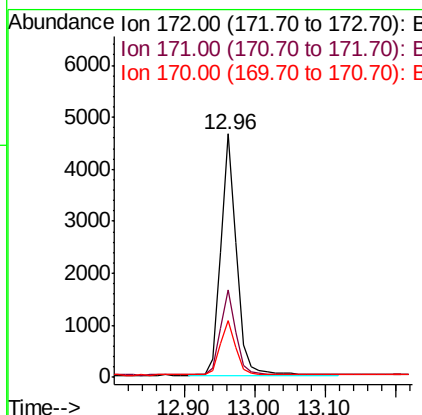
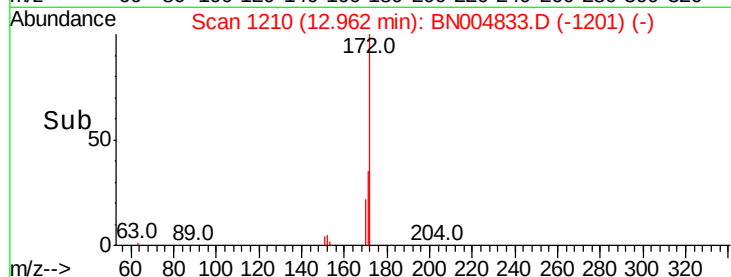
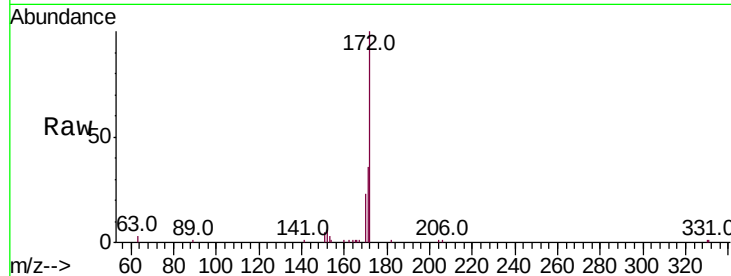
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Instrument :
BNA_N
ClientSampleId :
PB118052BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	23.1	18.7	28.1

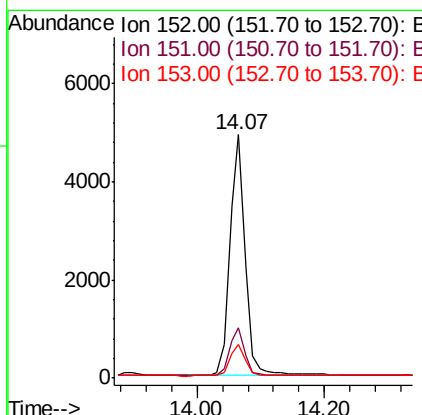
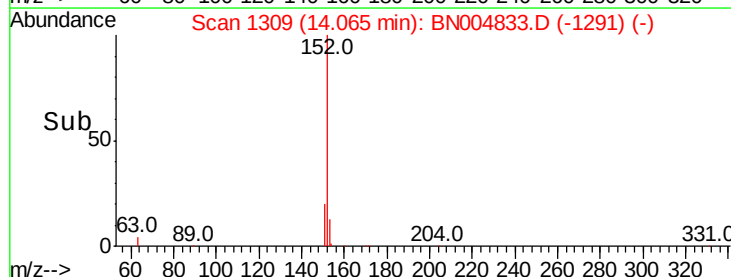
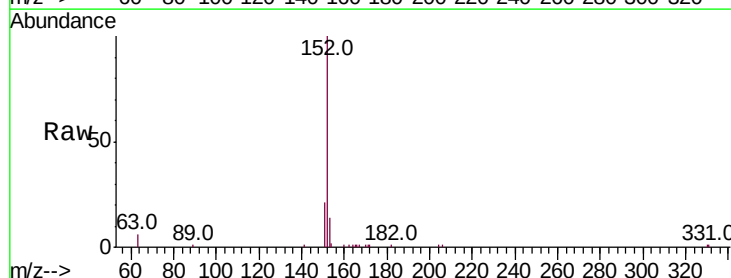
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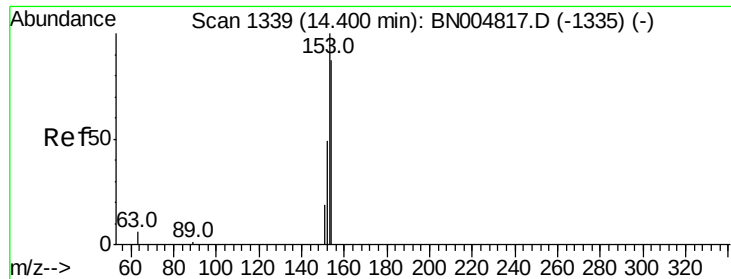
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#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.3	10.5	15.7





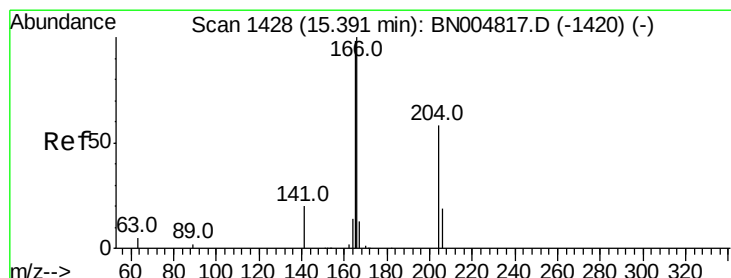
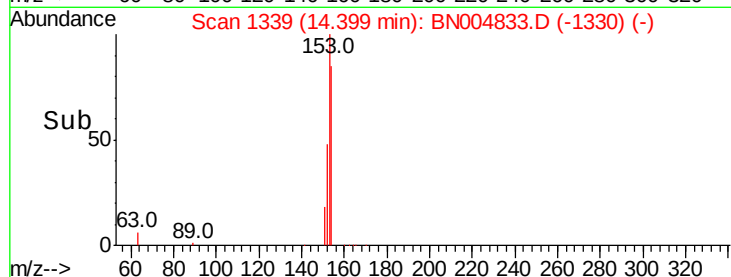
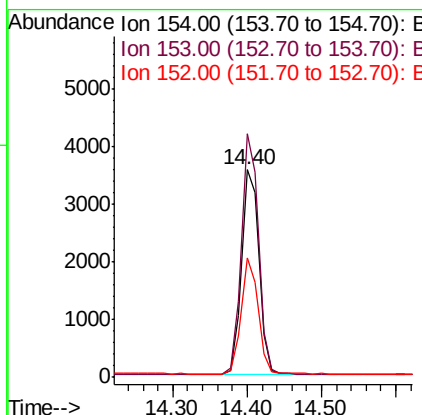
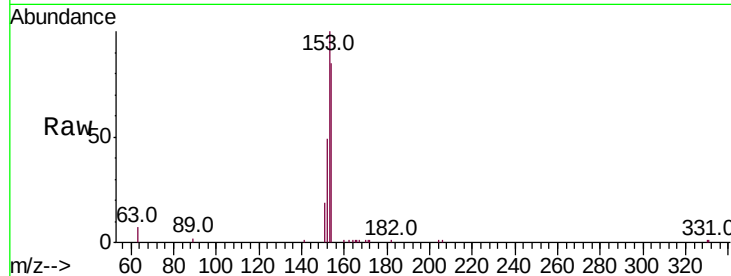
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Instrument :
BNA_N
ClientSampleId :
PB118052BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.4	137.2
152	55.4	44.2	66.2

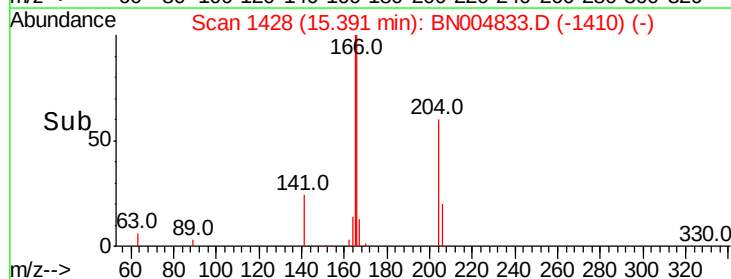
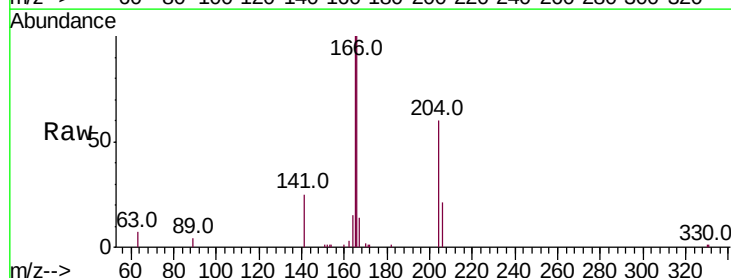
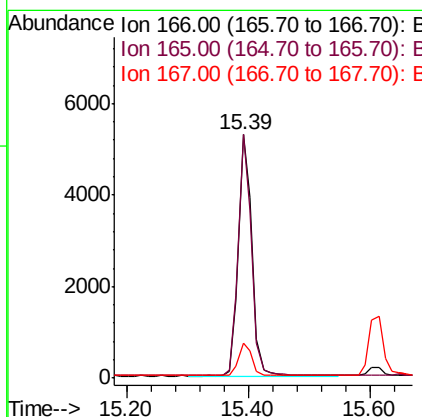
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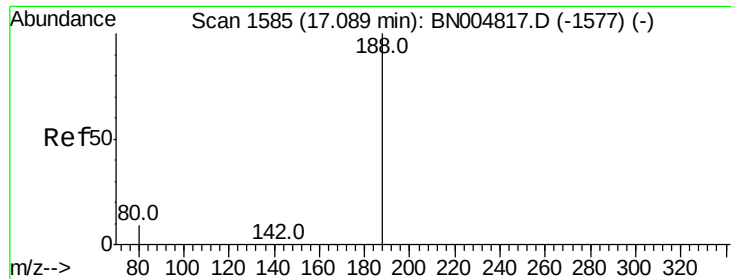
Sohil
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#18
Fluorene
Concen: 0.398 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	13.5	11.0	16.4





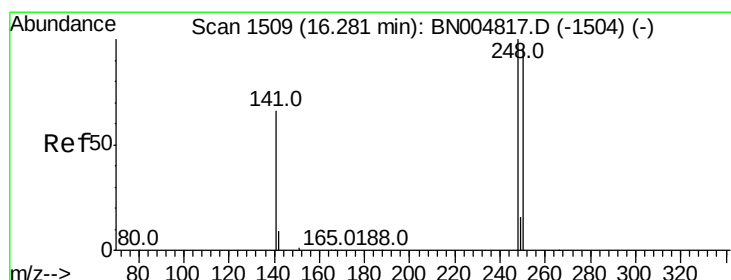
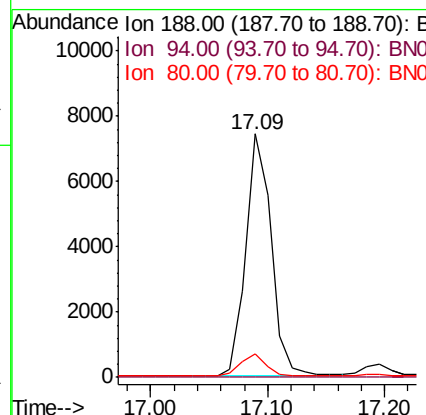
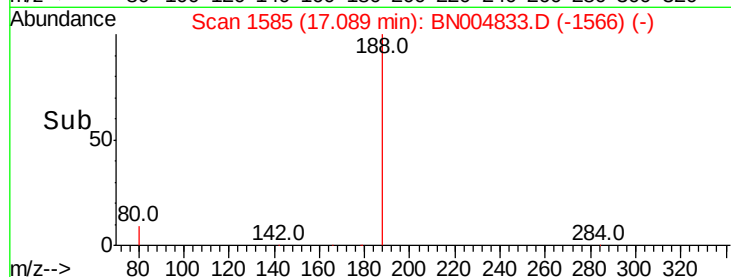
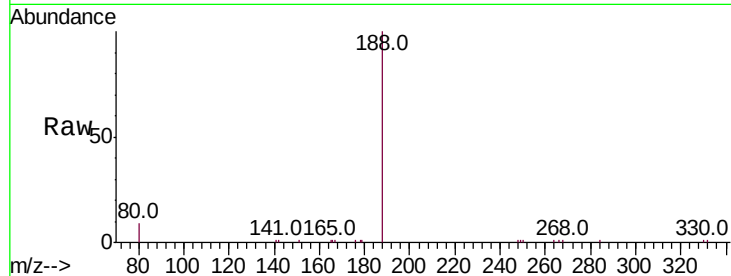
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Instrument :
BNA_N
ClientSampled :
PB118052BSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2

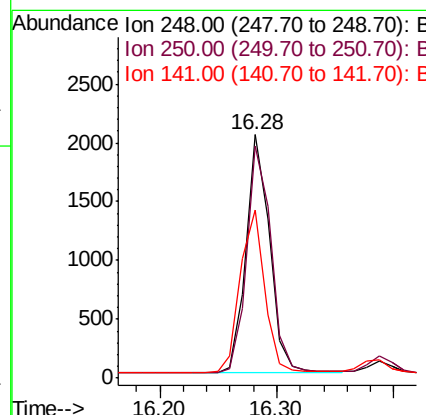
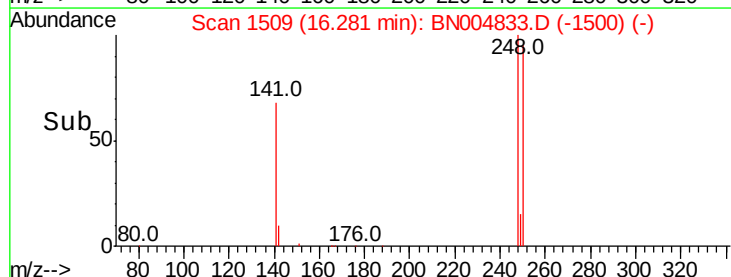
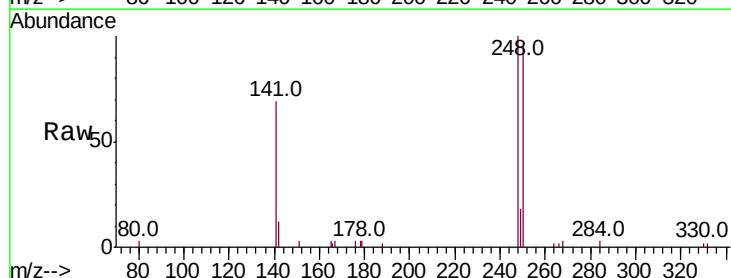
Manual Integrations
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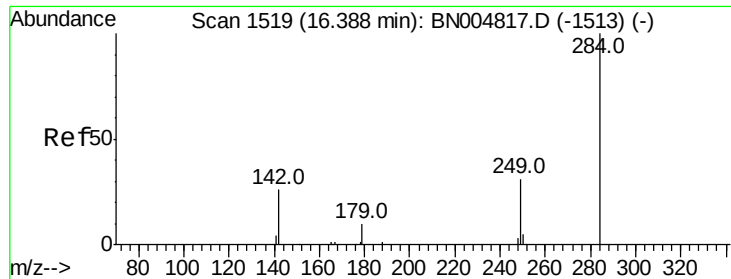
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#20
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.28 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.2	114.4
141	69.1	53.9	80.9





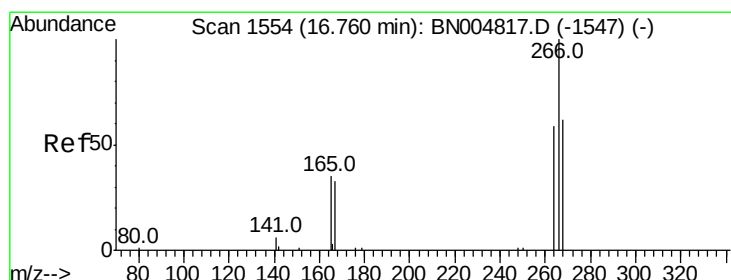
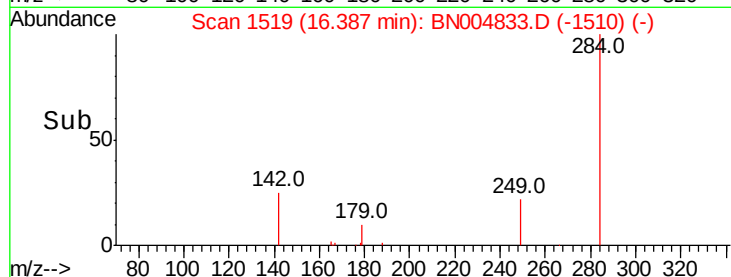
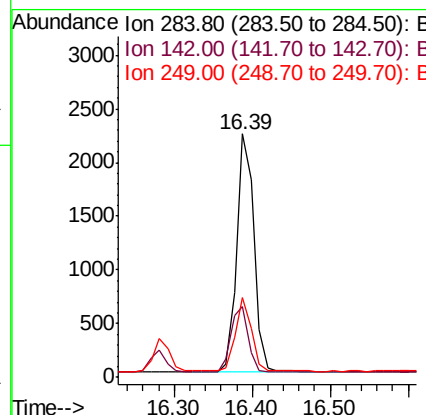
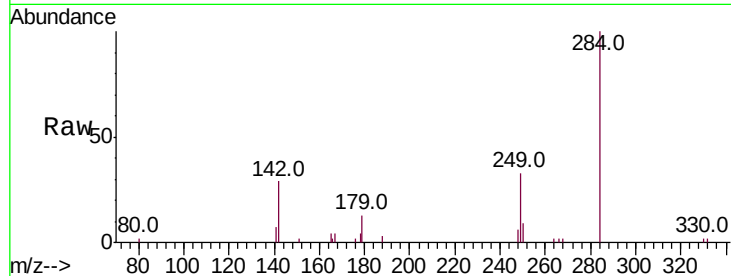
#21
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Instrument :
BNA_N
ClientSampleId :
PB118052BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.4	22.6	34.0
249	28.8	22.5	33.7

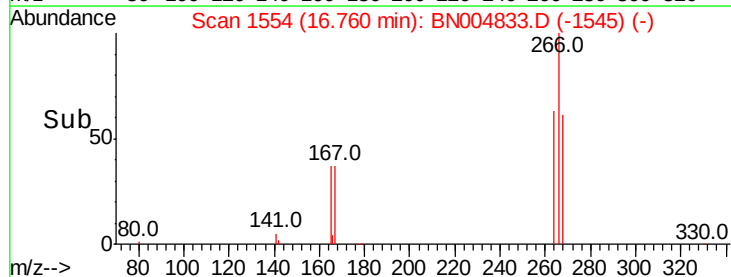
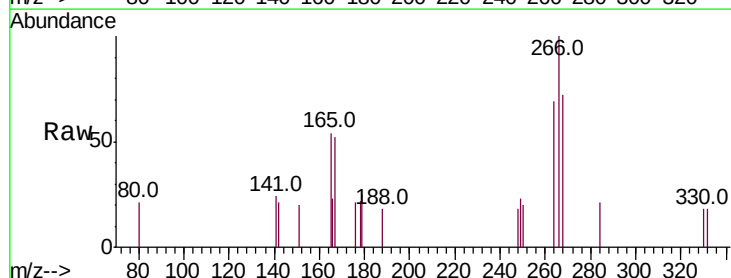
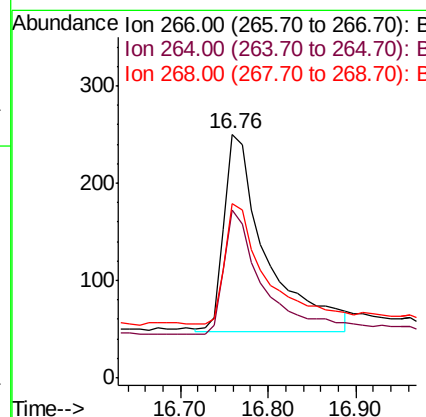
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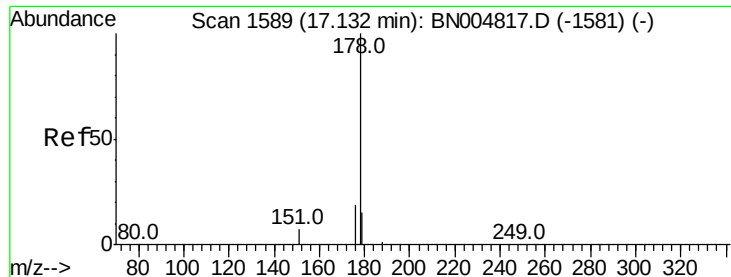
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#22
Pentachlorophenol
Concen: 0.417 ng m
RT: 16.76 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.8	53.1	79.7
268	71.6	57.7	86.5





#23

Phenanthrene

Concen: 0.398 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

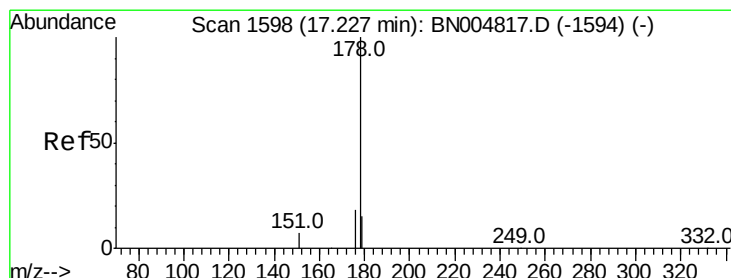
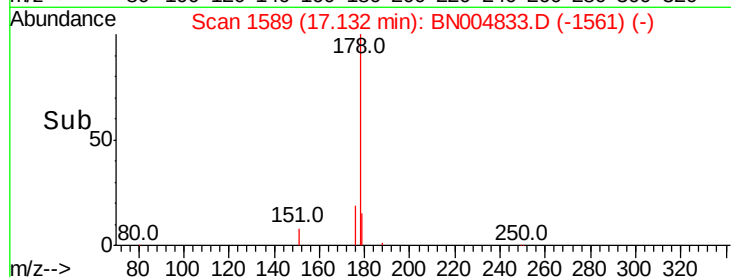
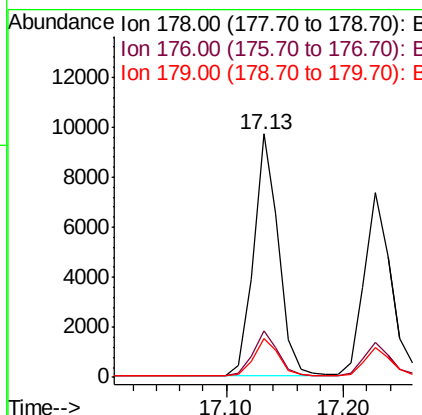
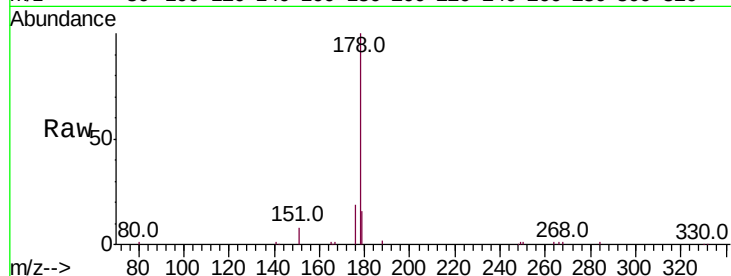
ClientSampleId :

PB118052BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.6	12.1	18.1

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#24

Anthracene

Concen: 0.371 ng

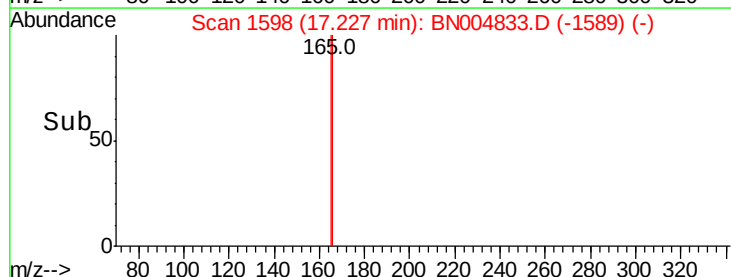
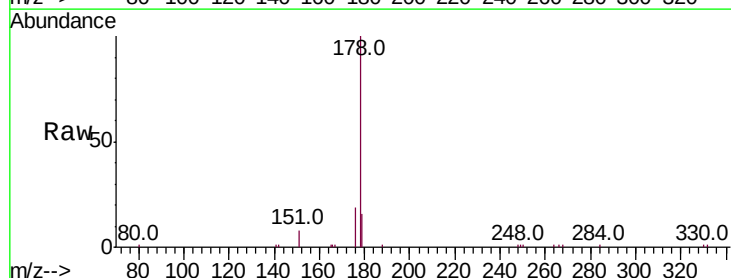
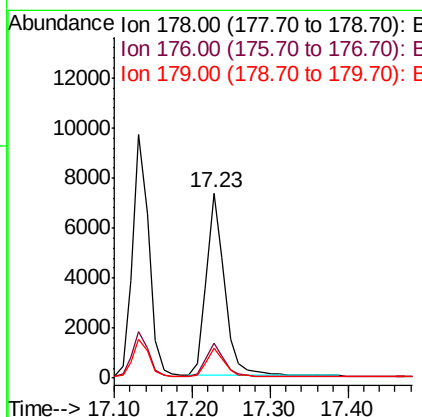
RT: 17.23 min Scan# 1598

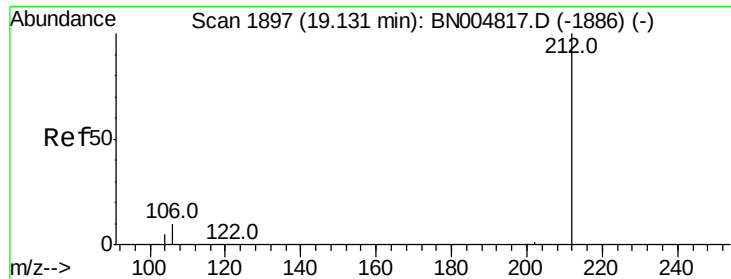
Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.3	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

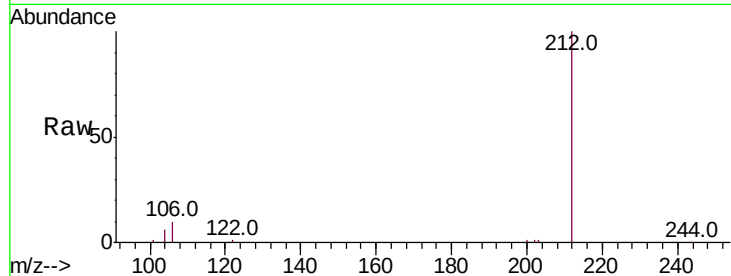
ClientSampleId :

PB118052BSD

Tot Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.6	13.0
104	5.7	4.7	7.1

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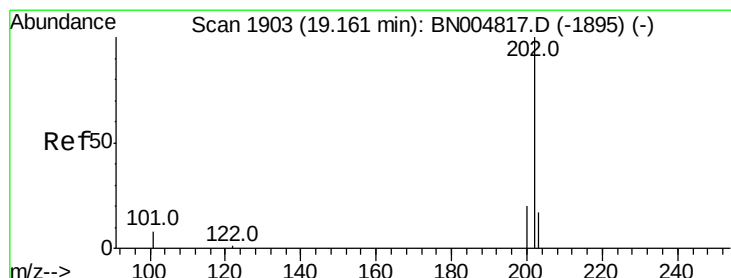
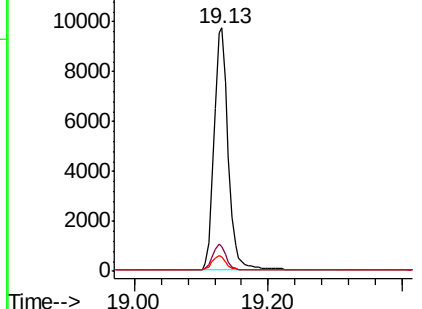
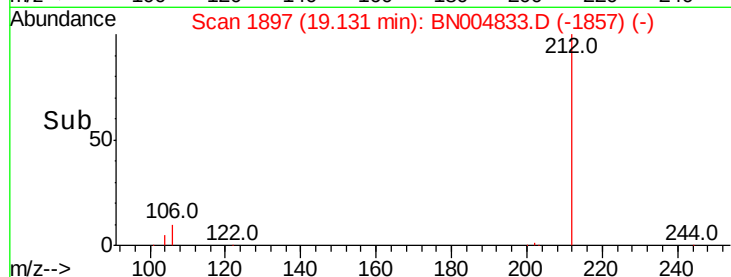
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Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.388 ng

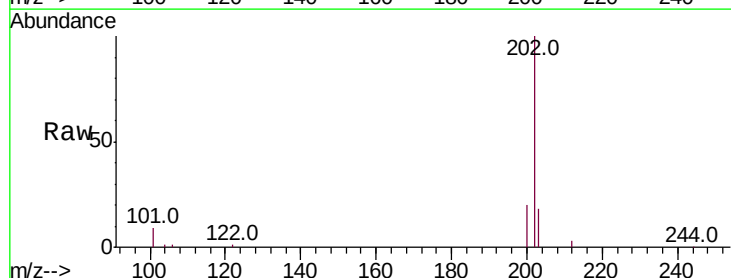
RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

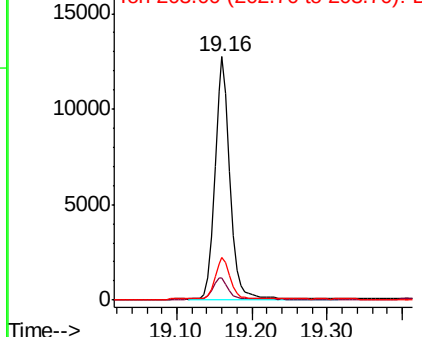
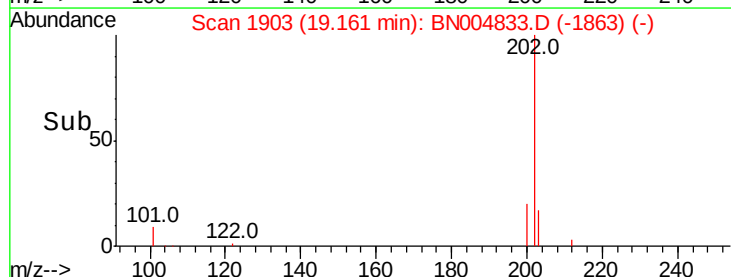
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.5	11.3
203	17.4	13.8	20.6

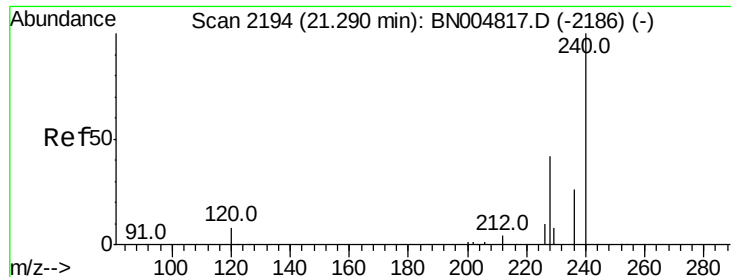


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





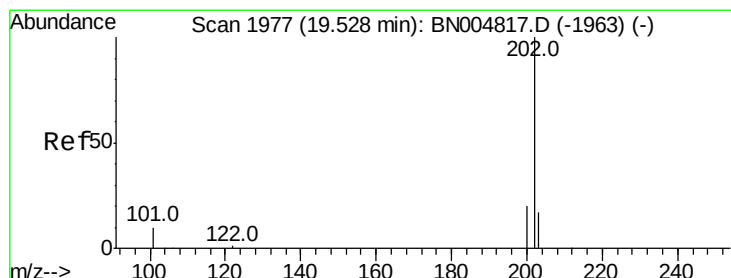
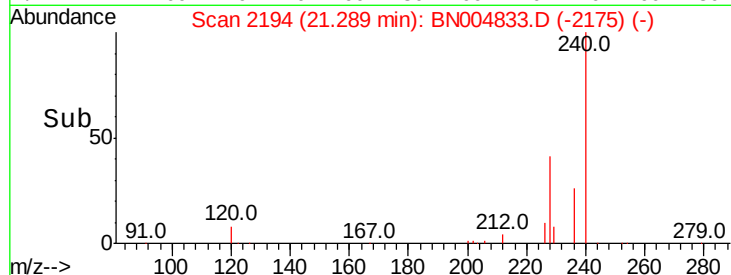
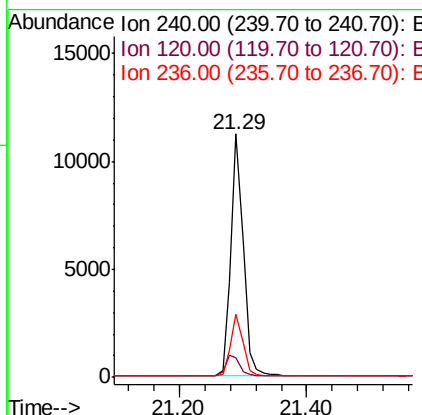
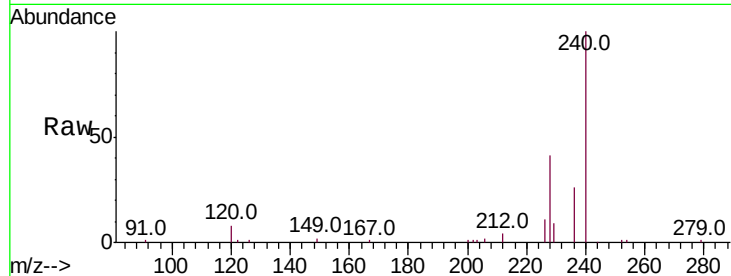
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Instrument :
BNA_N
ClientSampleId :
PB118052BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.2	10.8
236	26.1	20.9	31.3

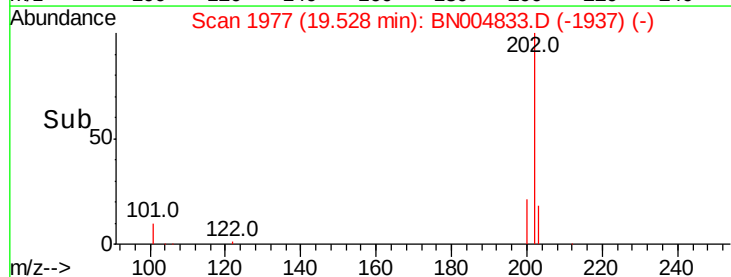
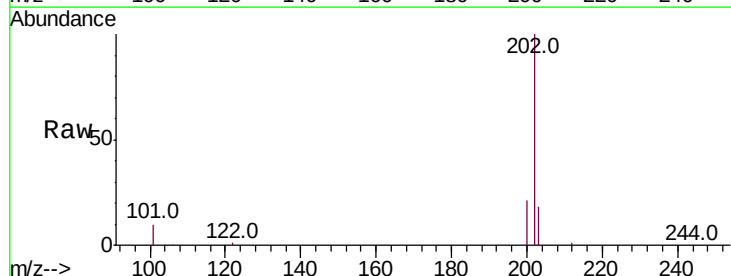
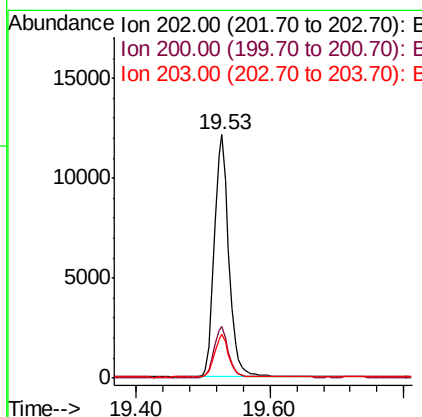
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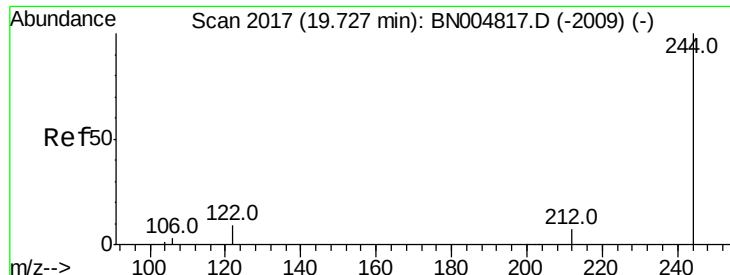
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#28
Pyrene
Concen: 0.394 ng
RT: 19.53 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	14.0	21.0





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 19.73 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

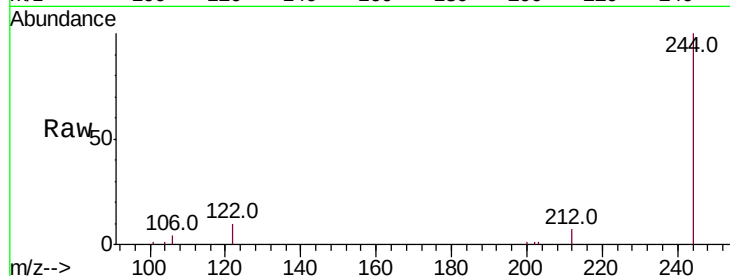
ClientSampleId :

PB118052BSD

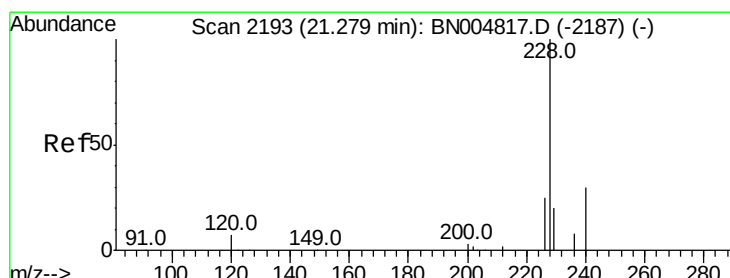
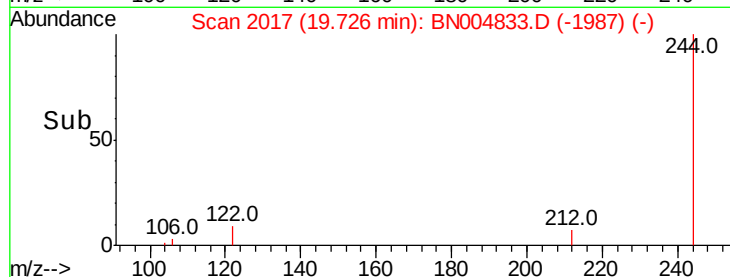
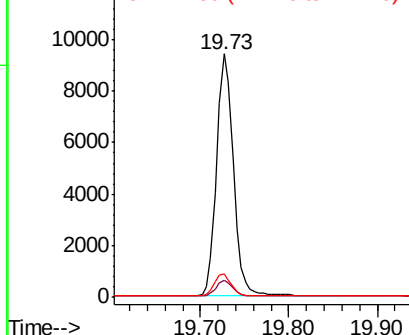
Tot Ion:	244	Resp:	12473
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	9.6	7.9	11.9

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.369 ng

RT: 21.28 min Scan# 2193

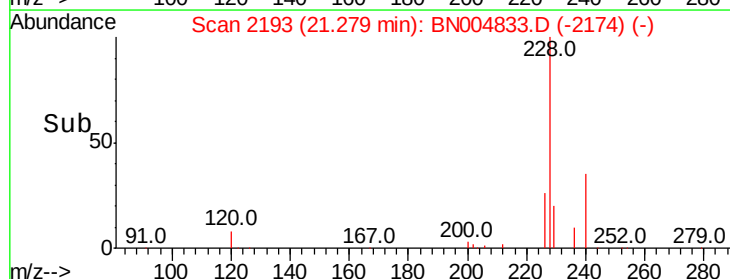
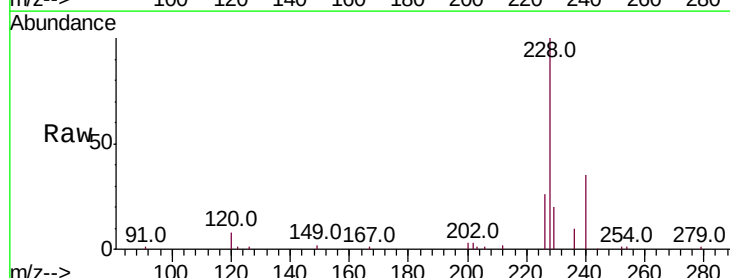
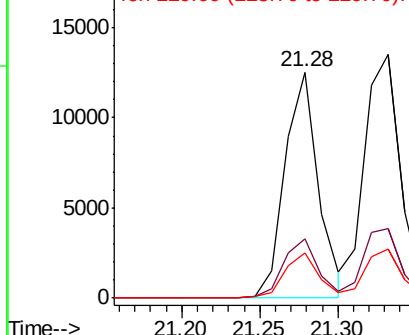
Delta R.T. -0.00 min

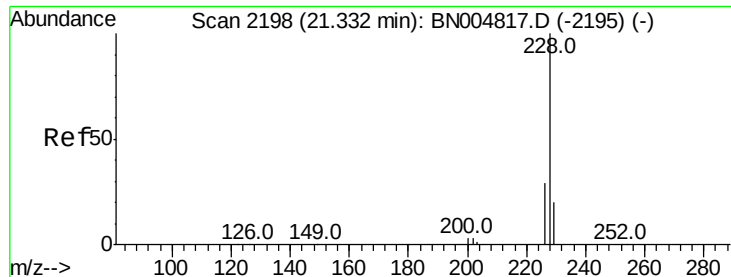
Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Tgt Ion:	228	Resp:	18465
Ion Ratio	Lower	Upper	
228	100		
226	26.0	20.6	31.0
229	19.9	16.2	24.4

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





#31

Chrysene

Concen: 0.410 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

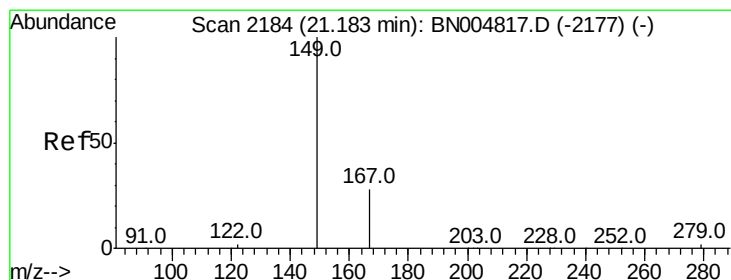
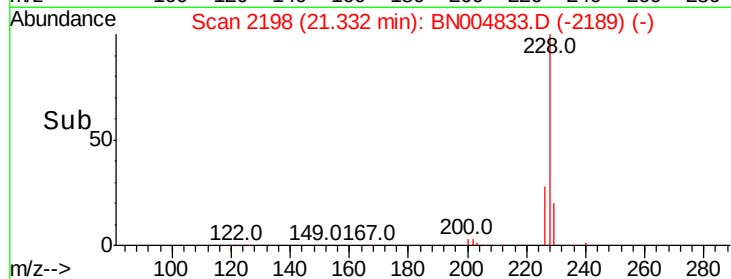
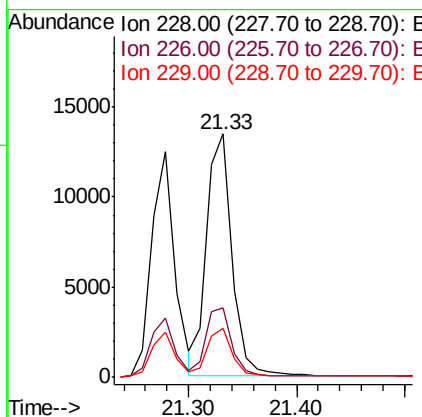
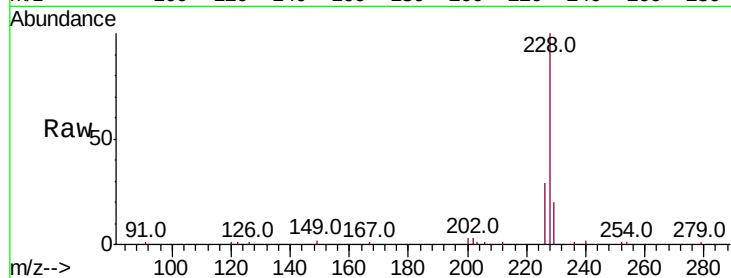
ClientSampleId :

PB118052BSD

Tot Ion:	228	Resp:	21644
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.1	16.2	24.2

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.369 ng

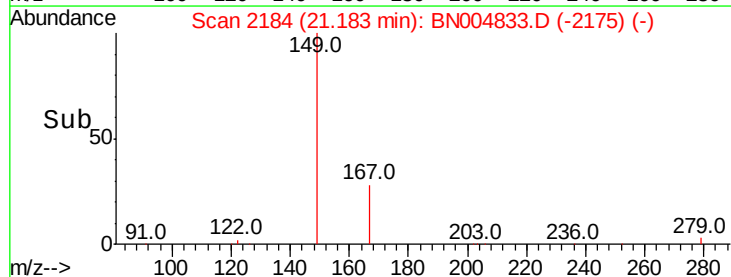
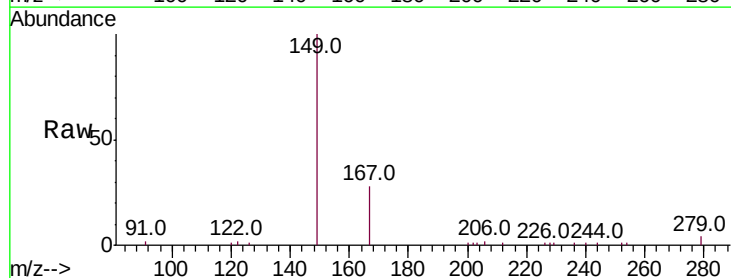
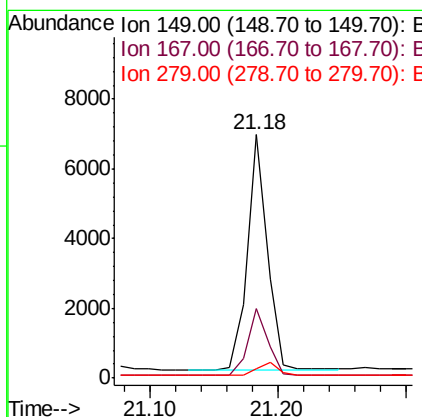
RT: 21.18 min Scan# 2184

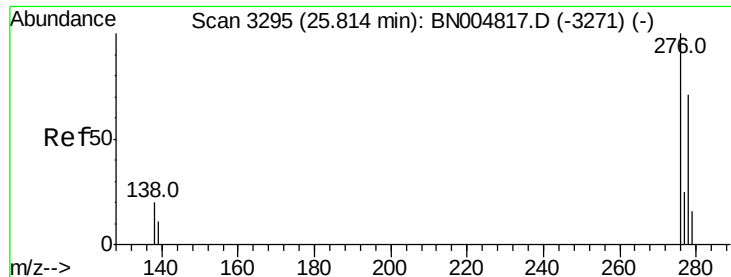
Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Tgt Ion:	149	Resp:	7382
Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.4
279	5.7	4.6	6.8





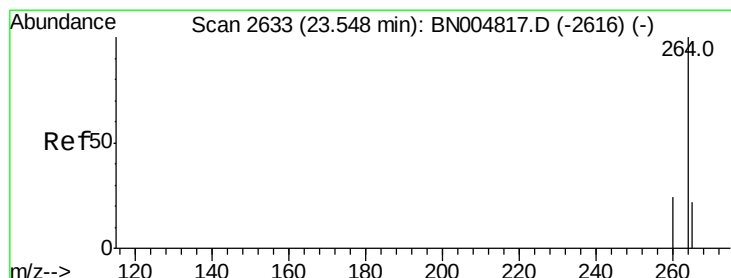
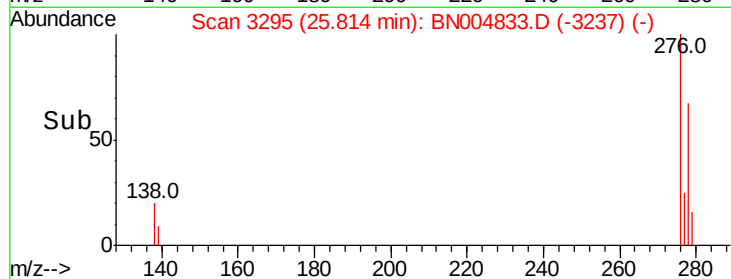
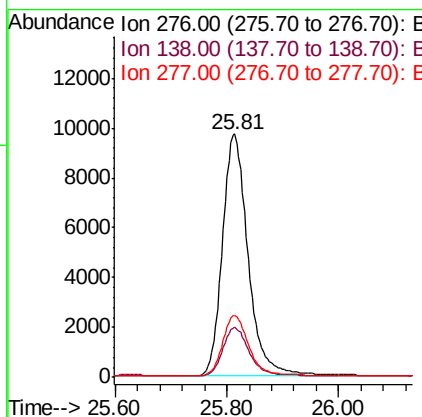
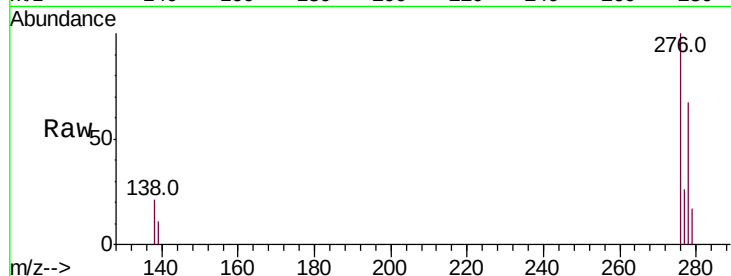
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 25.81 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Instrument :
BNA_N
ClientSampleId :
PB118052BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.6	24.8
277	25.4	20.3	30.5

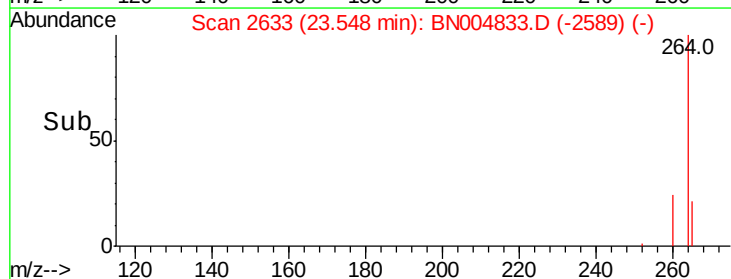
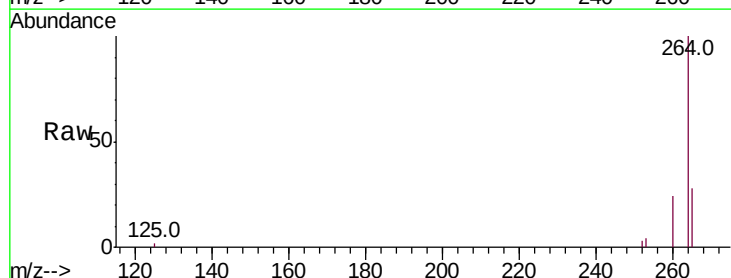
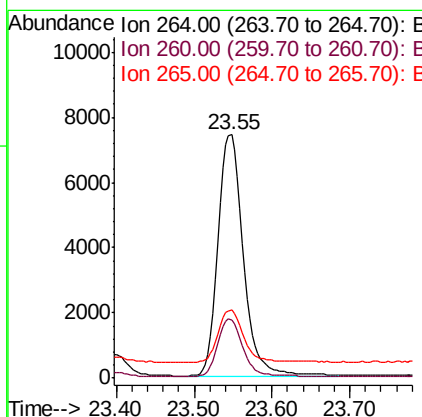
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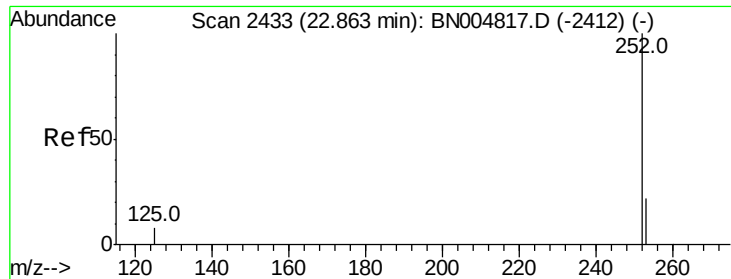
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.55 min Scan# 2633
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	27.8	23.1	34.7





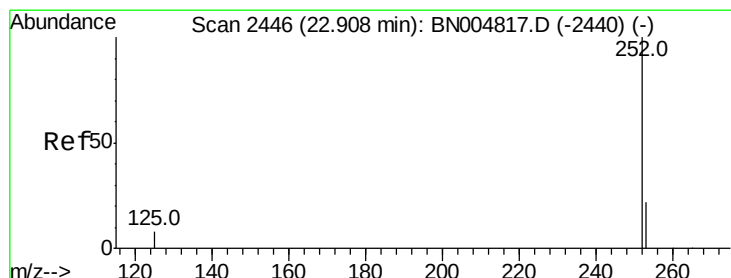
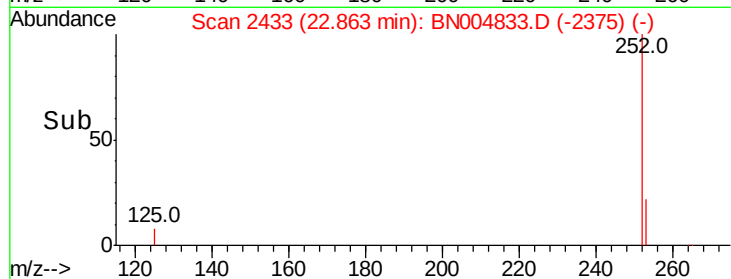
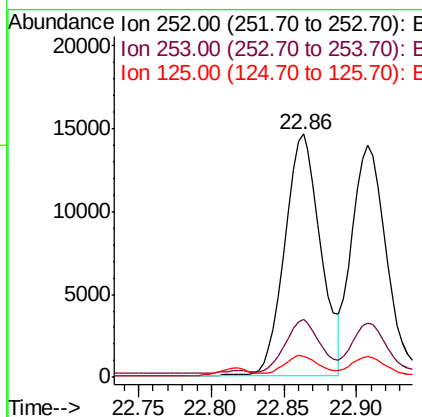
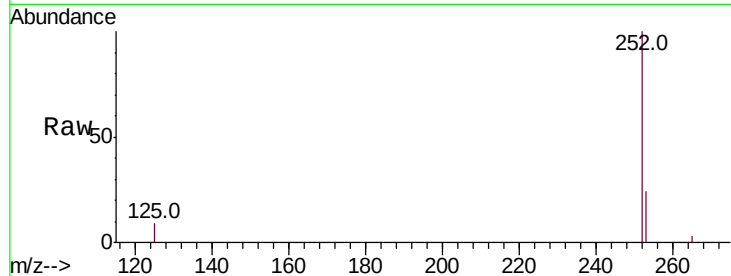
#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Instrument :
BNA_N
ClientSampleId :
PB118052BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.4
125	8.8	7.4	11.2

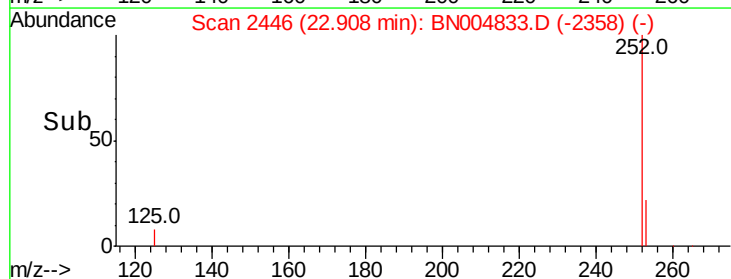
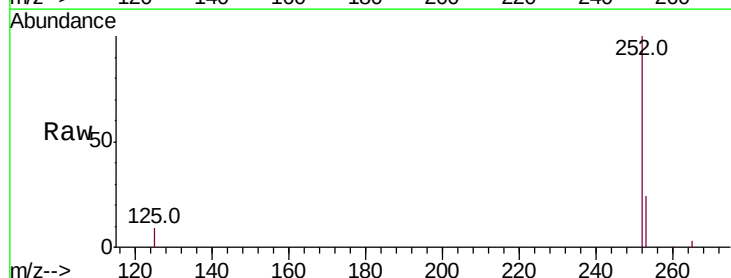
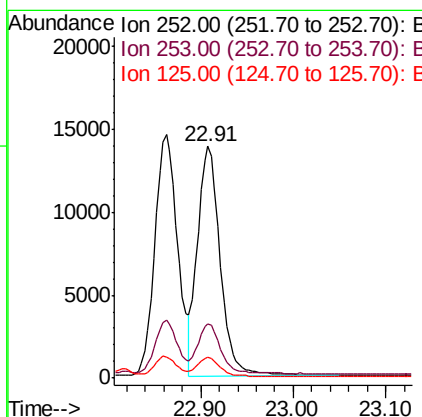
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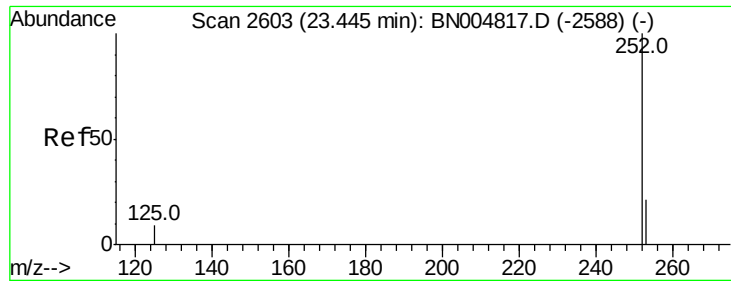
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#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 22.91 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.3	28.9
125	9.0	7.4	11.0





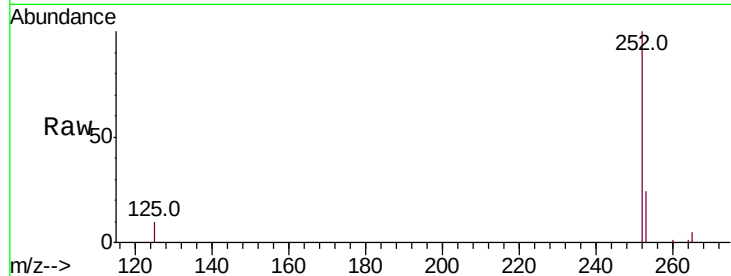
#37
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.45 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

Instrument :
BNA_N
ClientSampled :
PB118052BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.7	29.5
125	10.1	8.3	12.5

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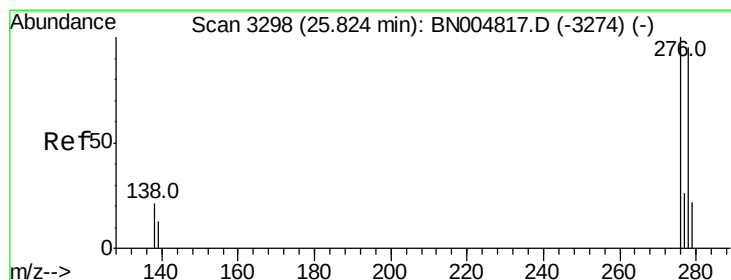
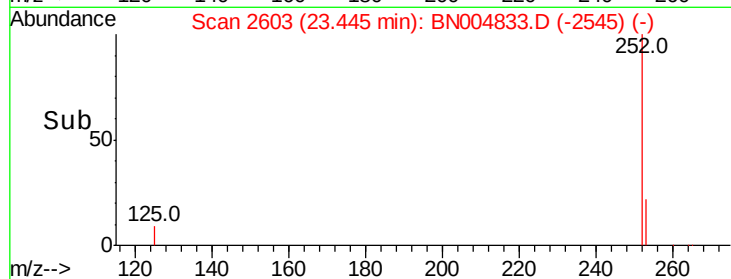
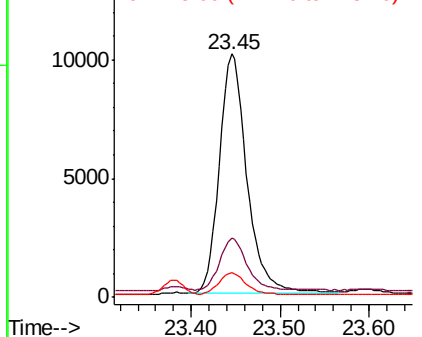


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 25.83 min Scan# 3299
Delta R.T. 0.00 min
Lab File: BN004833.D
Acq: 20 Mar 2019 23:29

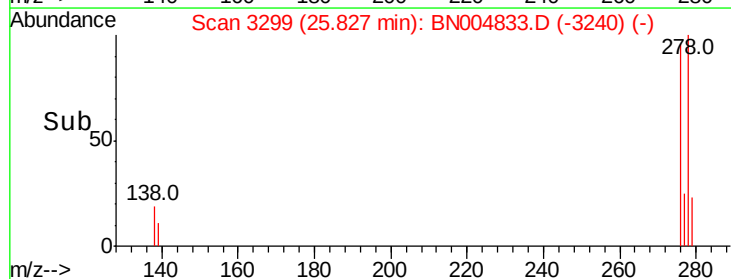
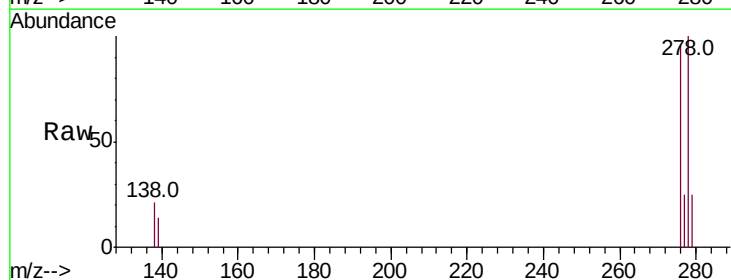
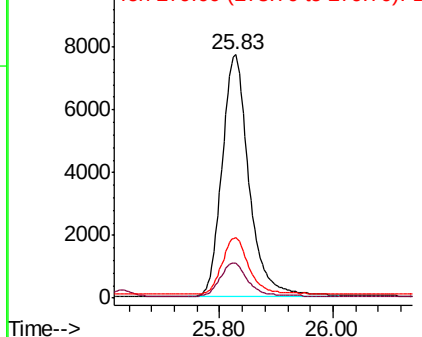
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.7	17.5
279	24.8	19.9	29.9

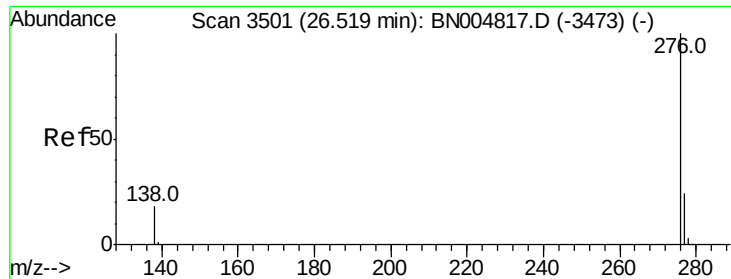
Abundance

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: 0.398 ng

RT: 26.52 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BN004833.D

Acq: 20 Mar 2019 23:29

Instrument :

BNA_N

ClientSampleId :

PB118052BSD

Tot Ion:276 Resp: 25969

Ion Ratio Lower Upper

276 100

277 24.7 19.7 29.5

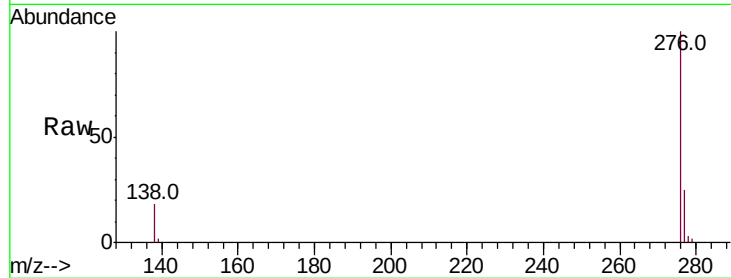
138 18.2 14.6 22.0

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Abundance Ion 276.00 (275.70 to 276.70): E

10000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

