

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004826.D
 Acq On : 20 Mar 2019 19:20
 Operator : JU/SJ
 Sample : PB117833BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB117833BS

Manual Integrations
 APPROVED

Sohil
 3/25/2019 8:49:43 AM

Quant Time: Mar 21 09:02:37 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	7.70	152	1431	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6360	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4154	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	10693	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14823	0.40	ng	0.00
34) Perylene-d12	23.55	264	16691	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1484	0.38	ng	0.00
5) Phenol-d6	6.88	99	1809	0.37	ng	0.00
8) Nitrobenzene-d5	8.87	82	1563	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4394	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	976	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6897	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	13827	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	11950	0.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	662	0.407	ng	95
3) n-Nitrosodimethylamine	3.58	42	340	0.354	ng	# 93
6) bis(2-Chloroethyl)ether	7.14	93	1728	0.395	ng	97
9) Naphthalene	10.53	128	7095	0.398	ng	98
10) Hexachlorobutadiene	10.81	225	1395	0.410	ng	# 99
12) 2-Methylnaphthalene	12.15	142	5329	0.402	ng	99
16) Acenaphthylene	14.07	152	7921	0.370	ng	100
17) Acenaphthene	14.40	154	5581	0.398	ng	100
18) Fluorene	15.39	166	7762	0.397	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	2747	0.393	ng	98
21) Hexachlorobenzene	16.39	284	3202	0.400	ng	99
22) Pentachlorophenol	16.76	266	799m	0.511	ng	
23) Phenanthrene	17.13	178	13623	0.395	ng	100
24) Anthracene	17.23	178	11668	0.378	ng	100
26) Fluoranthene	19.16	202	17308	0.390	ng	100
28) Pyrene	19.53	202	17836	0.395	ng	100
30) Benzo(a)anthracene	21.28	228	18211	0.375	ng	100
31) Chrysene	21.33	228	20859	0.407	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	7332	0.377	ng	99
33) Indeno(1,2,3-cd)pyrene	25.82	276	31003	0.418	ng	100
35) Benzo(b)fluoranthene	22.86	252	24314	0.403	ng	99
36) Benzo(k)fluoranthene	22.91	252	23207	0.391	ng	99
37) Benzo(a)pyrene	23.45	252	21819	0.394	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	25574	0.399	ng	100
39) Benzo(g,h,i)perylene	26.52	276	25850	0.395	ng	100

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

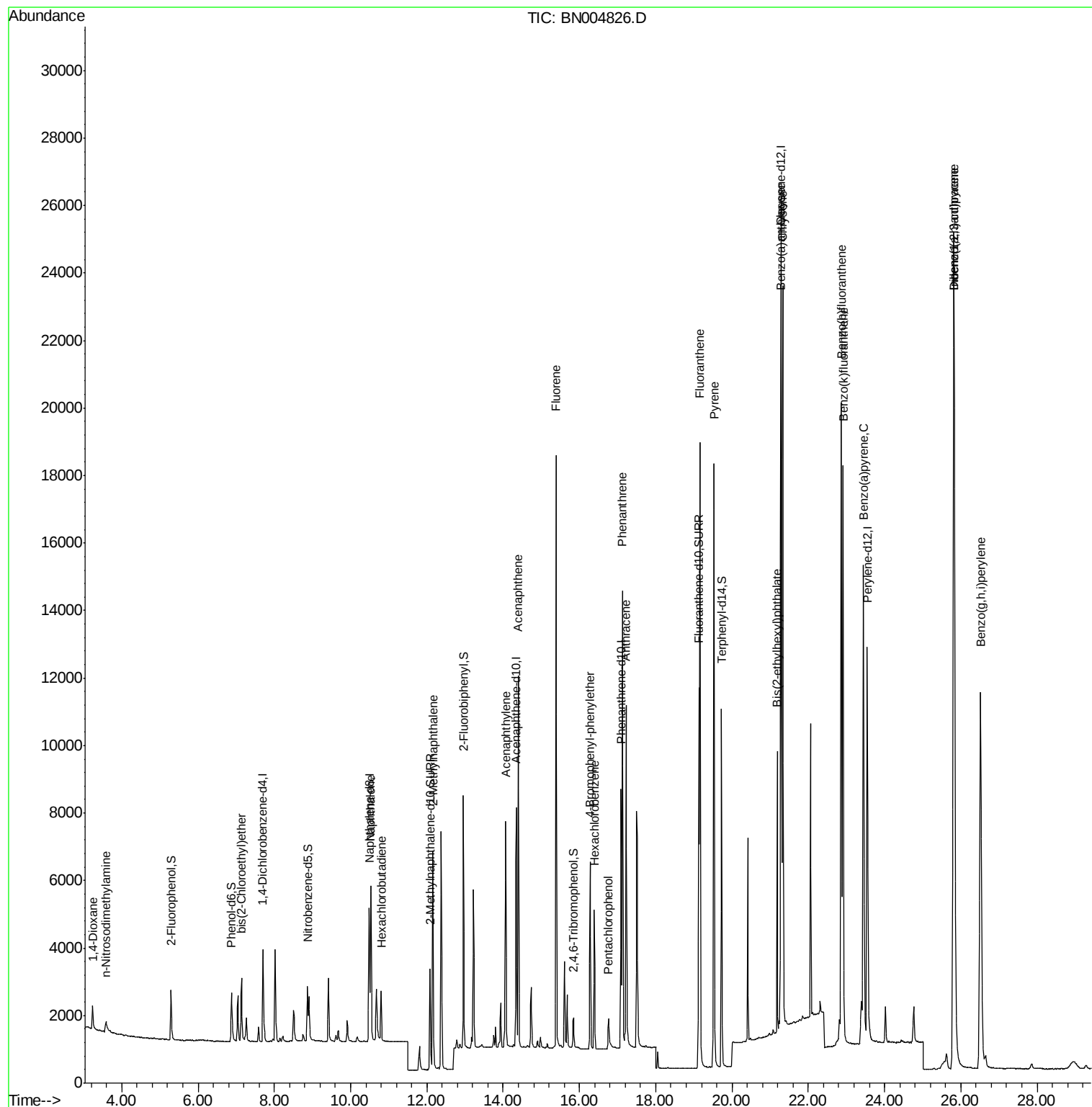
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

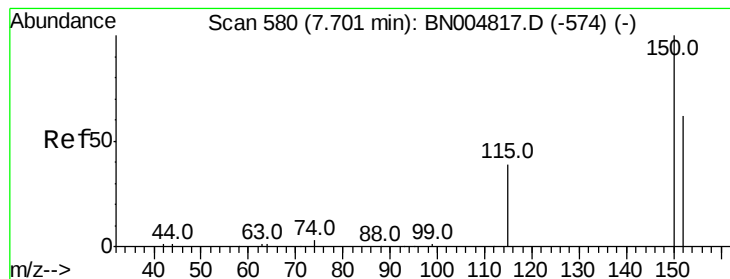
Instrument :
BNA_N
ClientSampleId :
PB117833BS

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3/25/2019 8:49:43 AM

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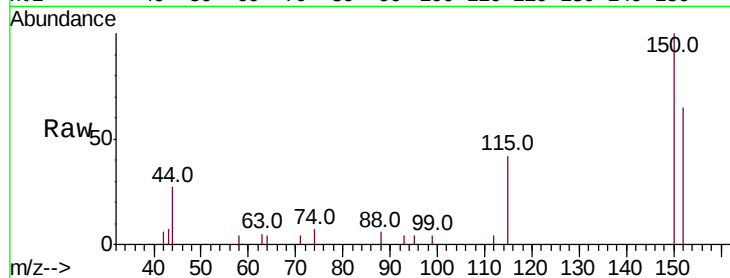
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.70 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BN004826.D
 Acq: 20 Mar 2019 19:20

Instrument :
 BNA_N
 ClientSampleId :
 PB117833BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.4
115	65.2	52.6	79.0

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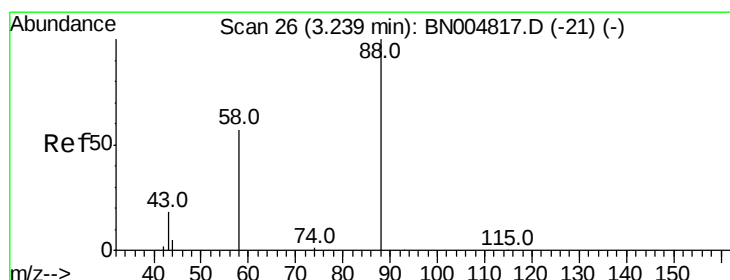
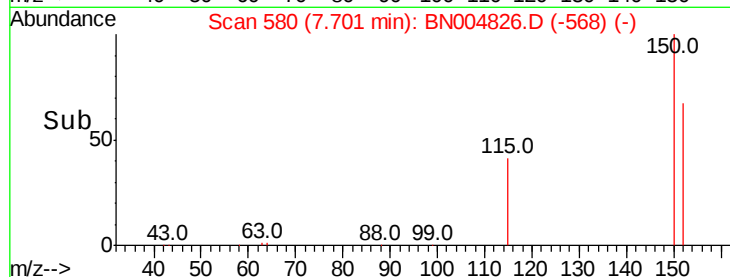
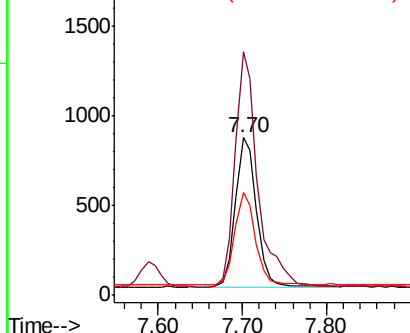


Abundance

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: 0.407 ng
 RT: 3.24 min Scan# 26
 Delta R.T. 0.00 min
 Lab File: BN004826.D
 Acq: 20 Mar 2019 19:20

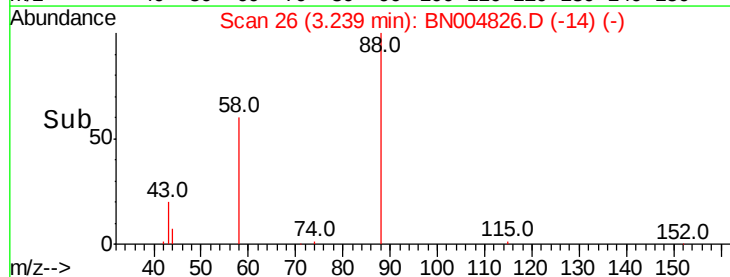
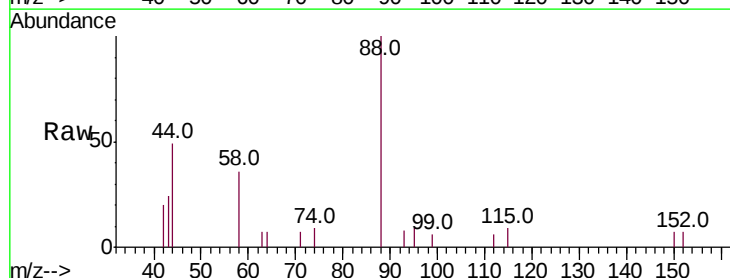
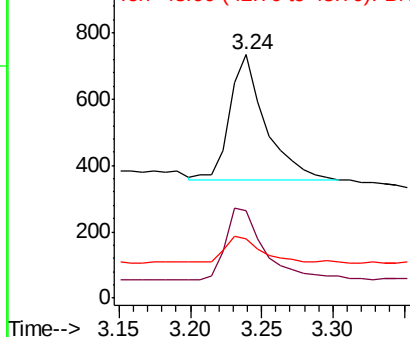
Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	51.4	77.2
43	20.5	20.0	30.0

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: 0.354 ng

RT: 3.58 min Scan# 68

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

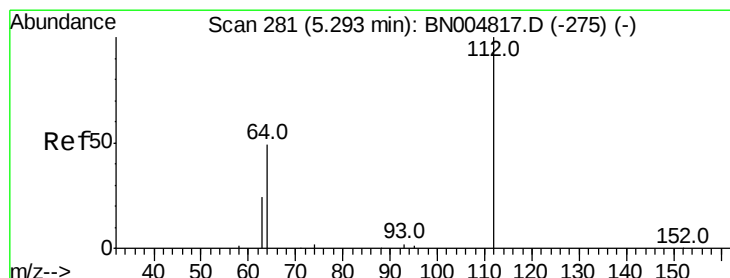
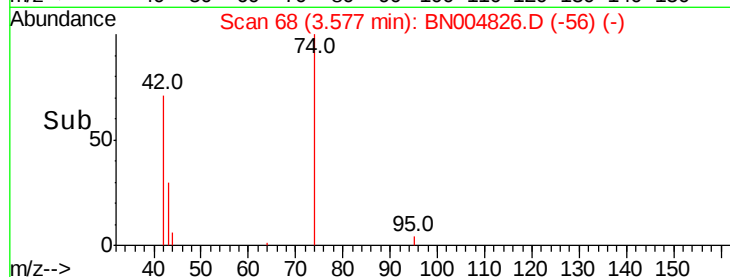
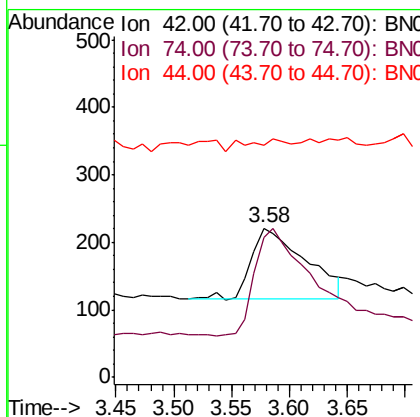
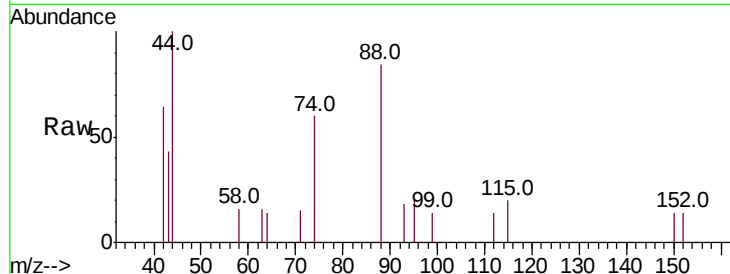
ClientSampleId :

PB117833BS

Tot Ion:	42	Resp:	340
Ion Ratio	Lower	Upper	
42	100		
74	152.1	128.4	192.6
44	12.6	6.1	9.1#

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#4

2-Fluorophenol

Concen: 0.382 ng

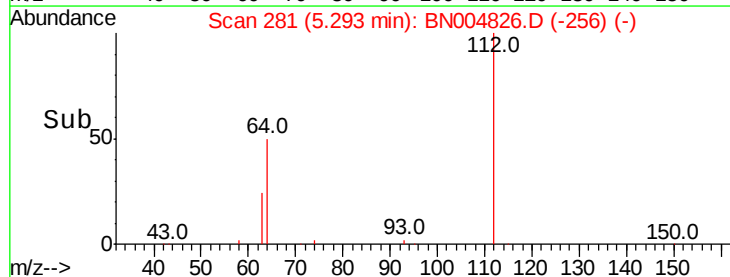
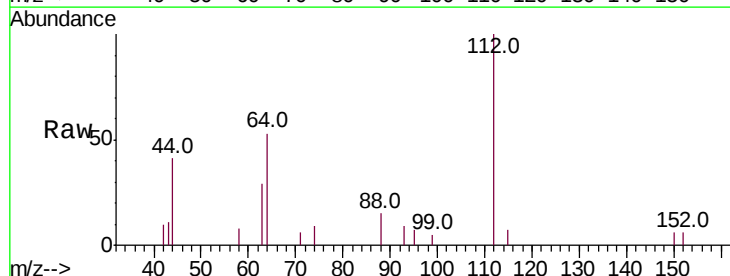
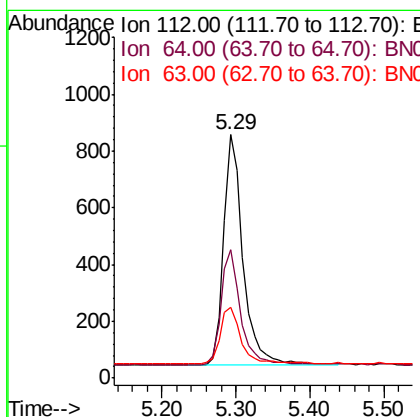
RT: 5.29 min Scan# 281

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Tgt Ion:	112	Resp:	1484
Ion Ratio	Lower	Upper	
112	100		
64	50.1	40.0	60.0
63	25.6	20.2	30.2





#5

Phenol-d6

Concen: 0.374 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

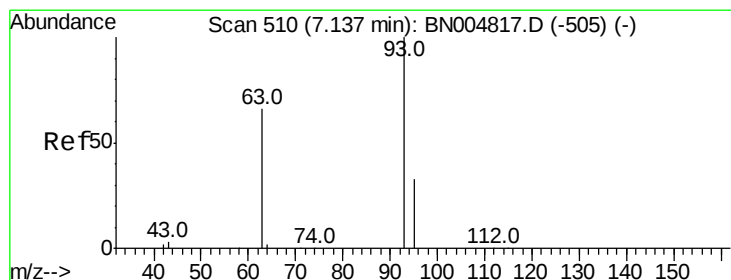
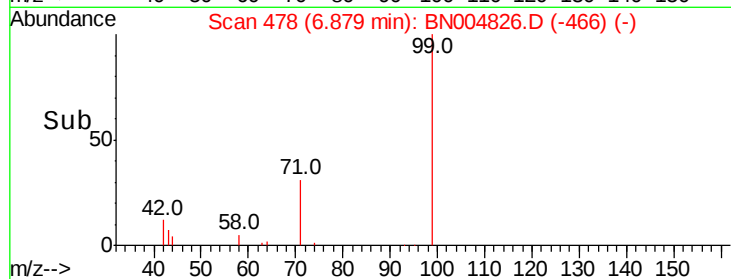
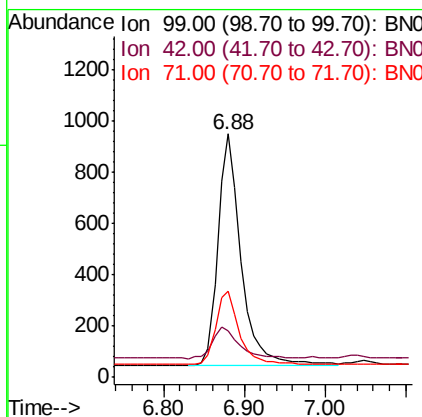
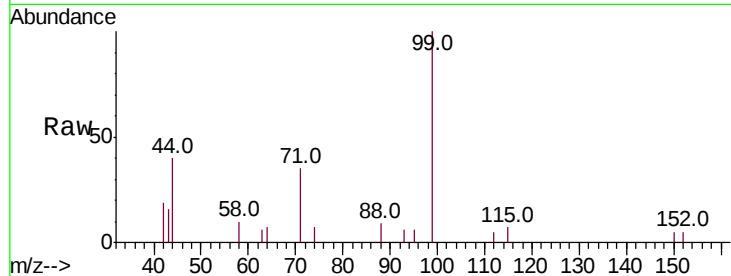
ClientSampled :

PB117833BS

Tot Ion:	99	Resp:	1809
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.7	19.1
71	31.8	26.6	40.0

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#6

bis(2-Chloroethyl)ether

Concen: 0.395 ng

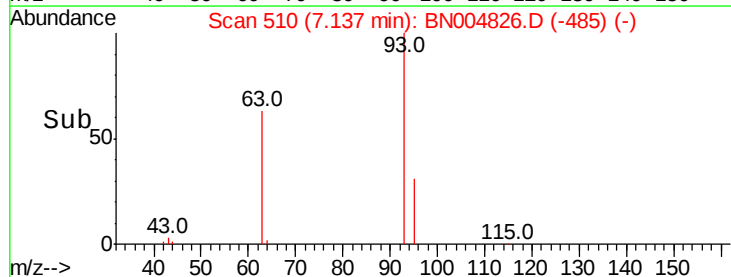
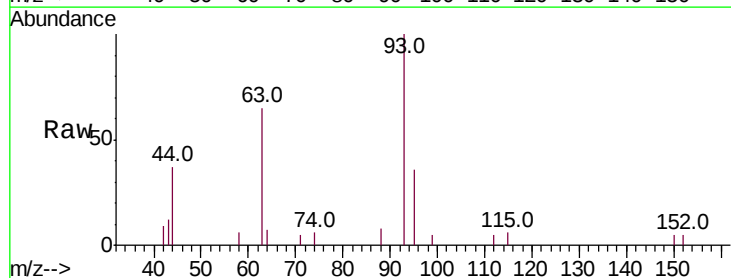
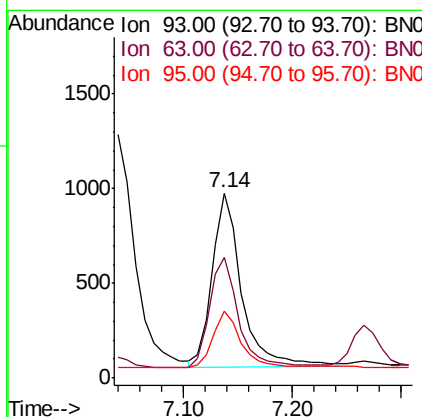
RT: 7.14 min Scan# 510

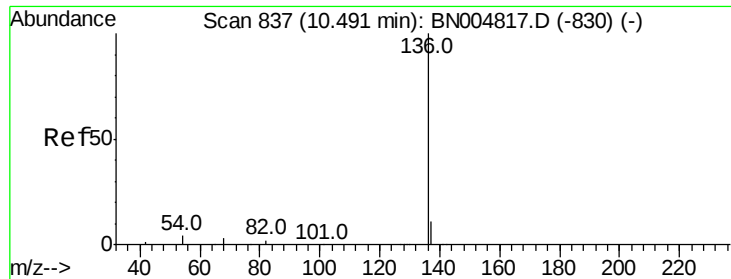
Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Tgt Ion:	93	Resp:	1728
Ion	Ratio	Lower	Upper
93	100		
63	63.1	52.6	78.8
95	31.4	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

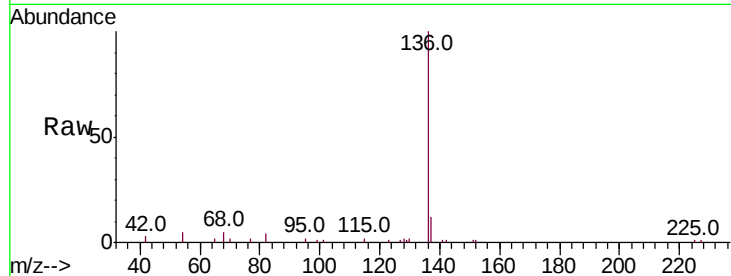
ClientSampleId :

PB117833BS

Tot Ion:	136	Resp:	6360
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.6	14.4
54	5.1	4.2	6.2
68	4.7	3.9	5.9

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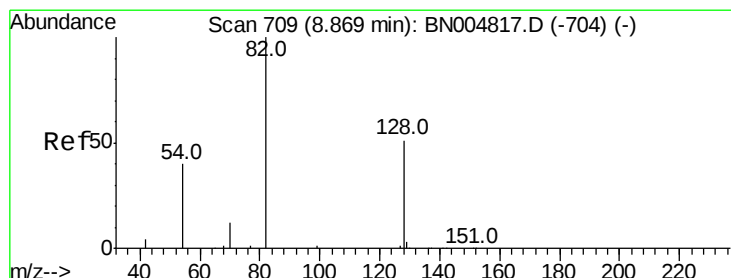
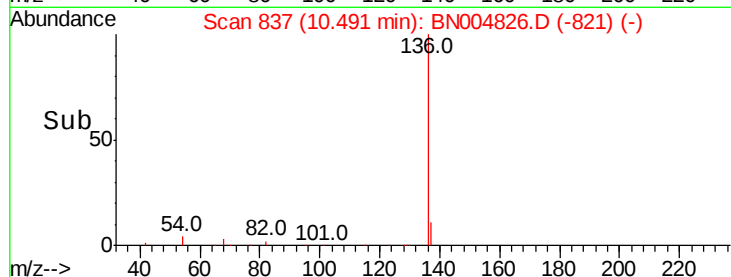
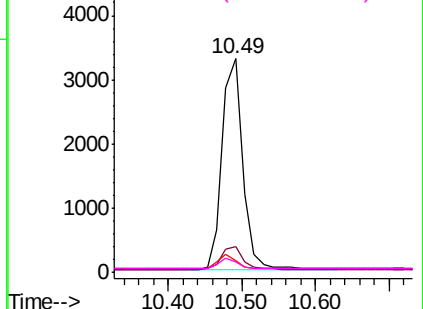


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN004826.D

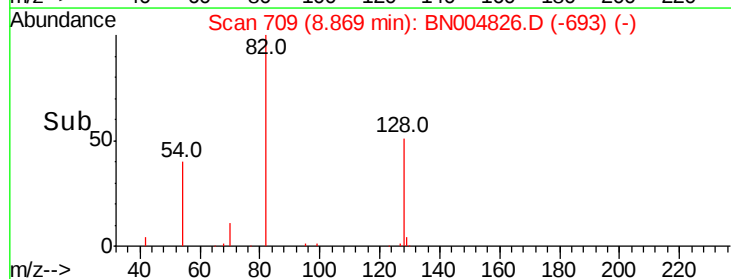
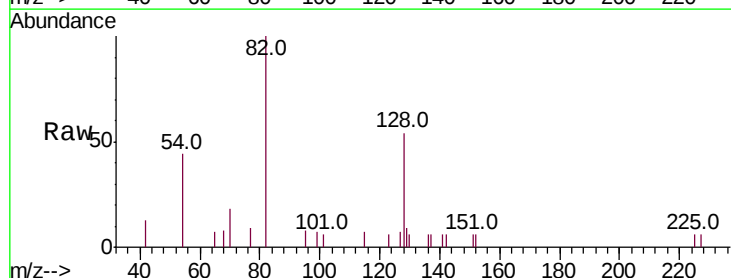
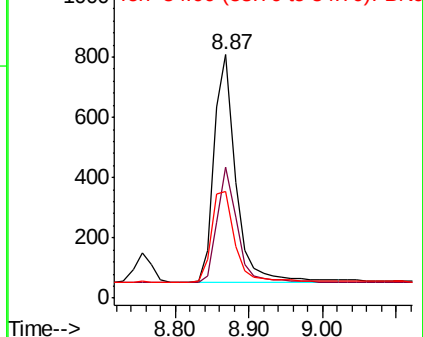
Acq: 20 Mar 2019 19:20

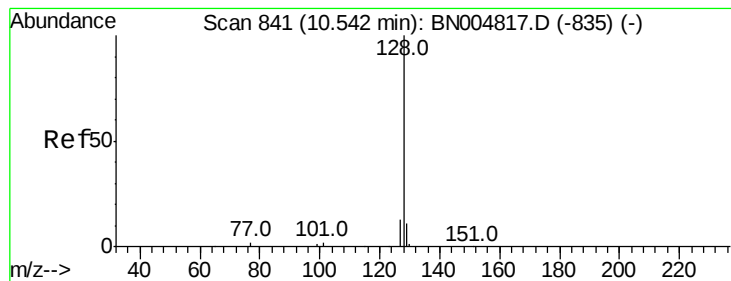
Tgt Ion:	82	Resp:	1563
Ion Ratio	Lower	Upper	
82	100		
128	53.6	43.0	64.6
54	44.1	35.3	52.9

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: 0.398 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

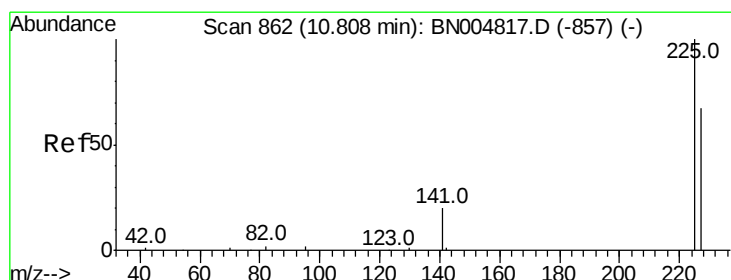
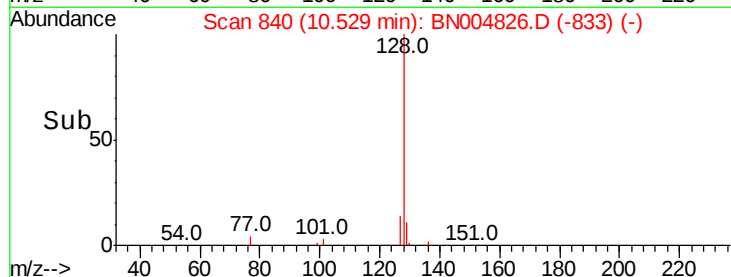
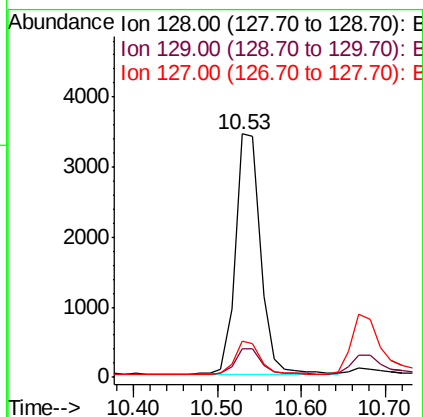
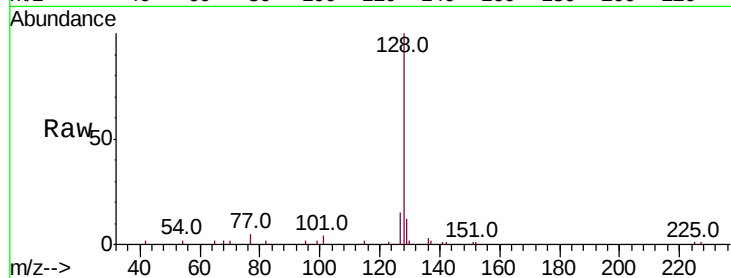
ClientSampleId :

PB117833BS

Tot Ion:	128	Resp:	7095
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.9	14.9
127	15.1	11.3	16.9

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#10

Hexachlorobutadiene

Concen: 0.410 ng

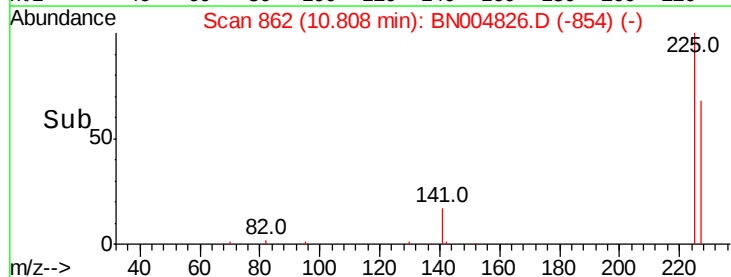
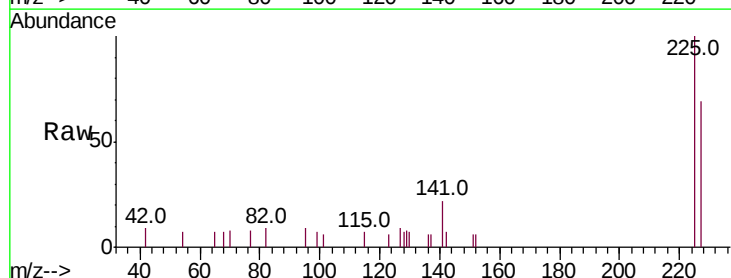
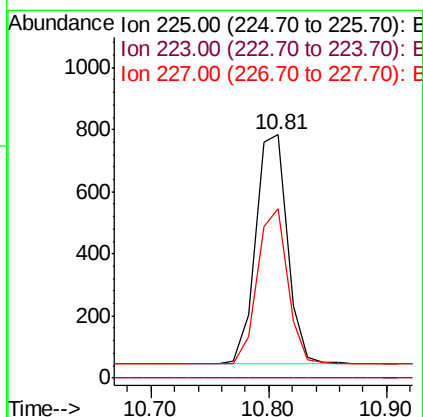
RT: 10.81 min Scan# 862

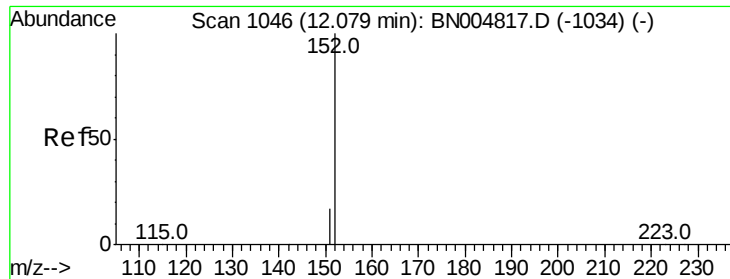
Delta R.T. -0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Tgt Ion:	225	Resp:	1395
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.7	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.08 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

Tot Ion:152 Resp: 4394

Ion Ratio Lower Upper

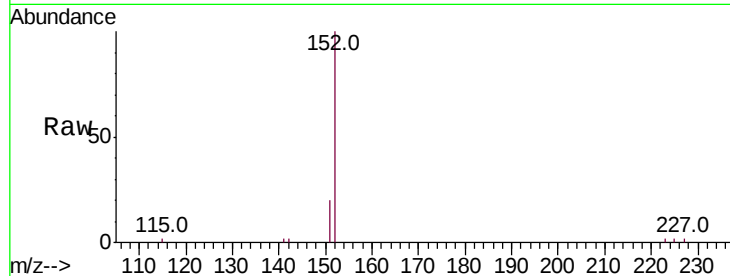
152 100

151 19.6 15.5 23.3

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

3000

2500

2000

1500

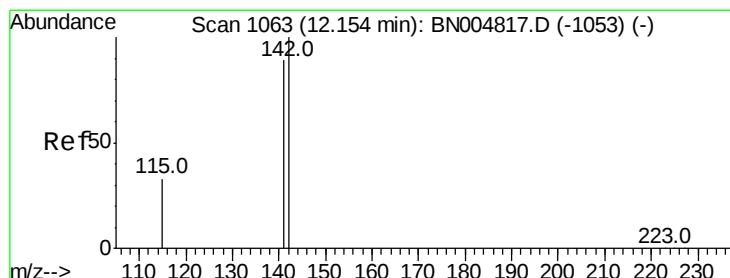
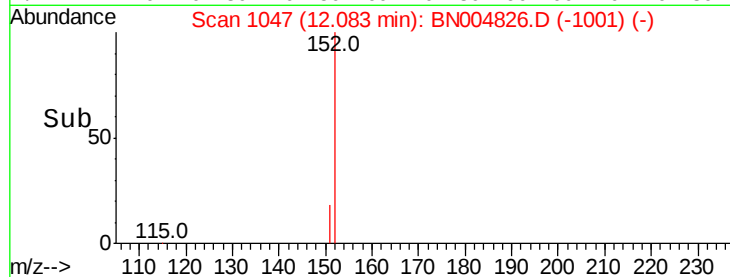
1000

500

0

12.08

Time-->



#12

2-Methylnaphthalene

Concen: 0.402 ng

RT: 12.15 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

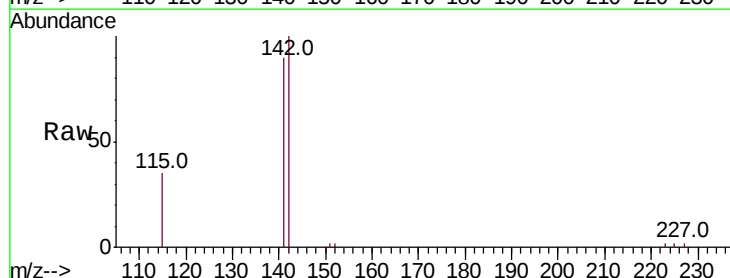
Tgt Ion:142 Resp: 5329

Ion Ratio Lower Upper

142 100

141 89.8 71.4 107.2

115 35.0 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

4000

3000

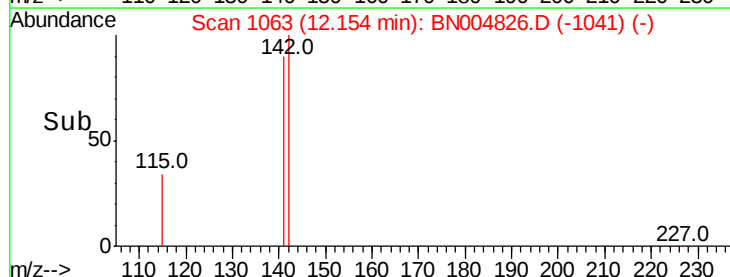
2000

1000

0

12.15

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

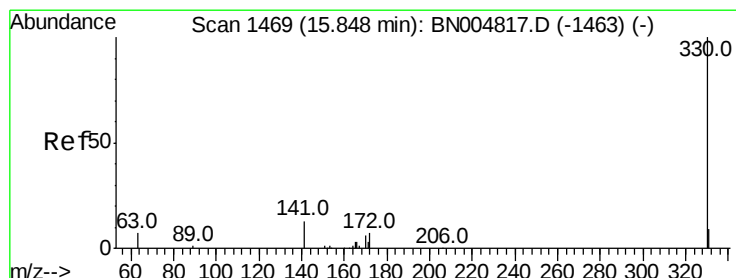
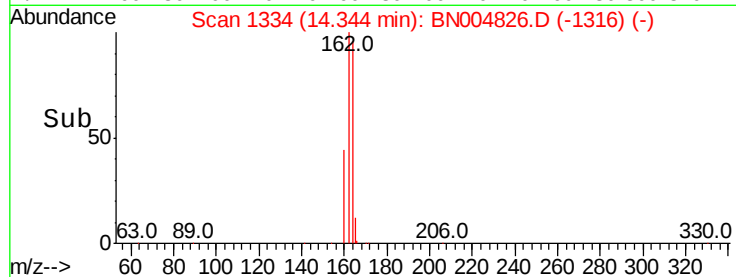
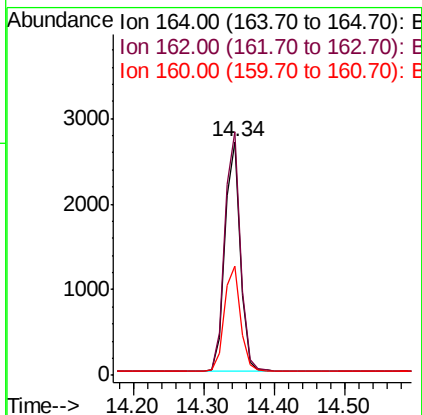
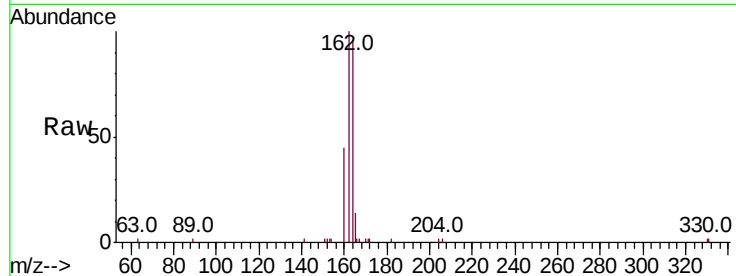
ClientSampleId :

PB117833BS

Tot Ion:	164	Resp:	4154
Ion Ratio	Lower	Upper	
164	100		
162	104.2	81.9	122.9
160	46.8	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.340 ng

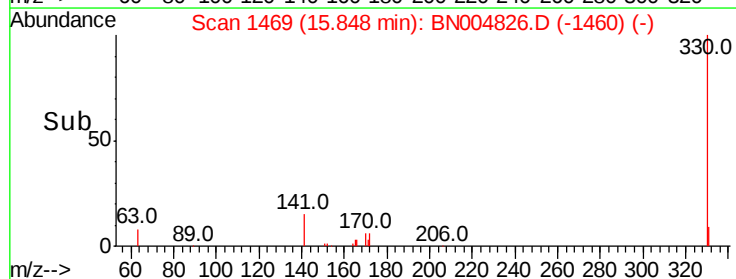
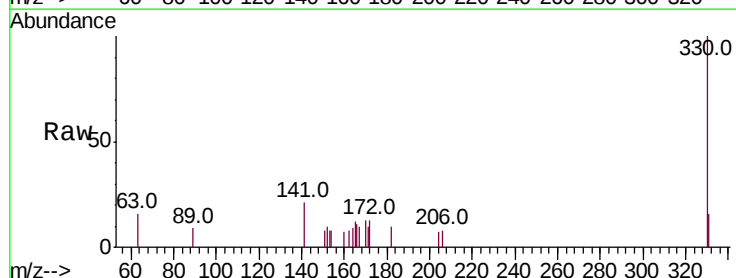
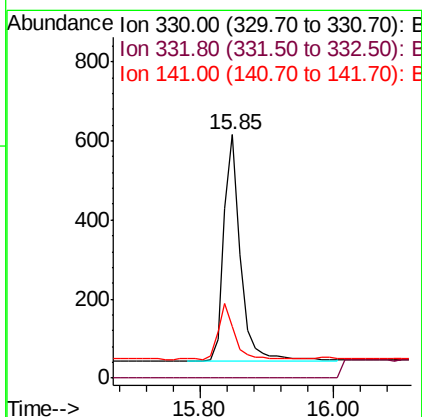
RT: 15.85 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Tgt Ion:	330	Resp:	976
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	25.1	20.9	31.3





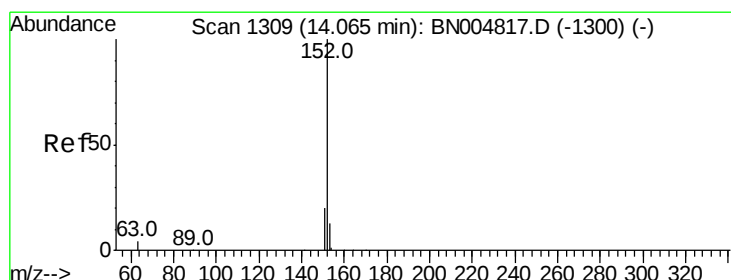
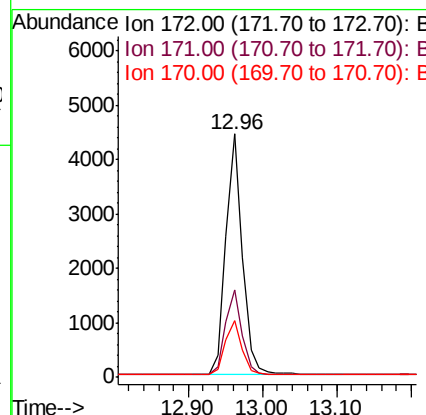
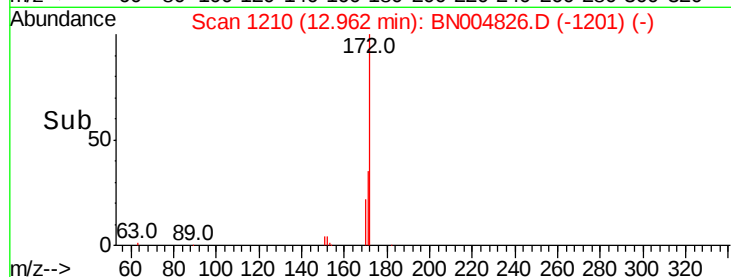
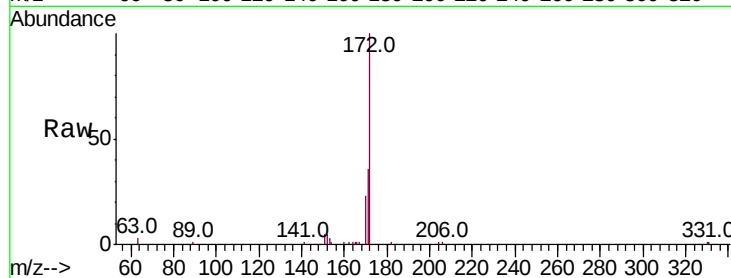
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Instrument :
BNA_N
ClientSampleId :
PB117833BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.0	18.7	28.1

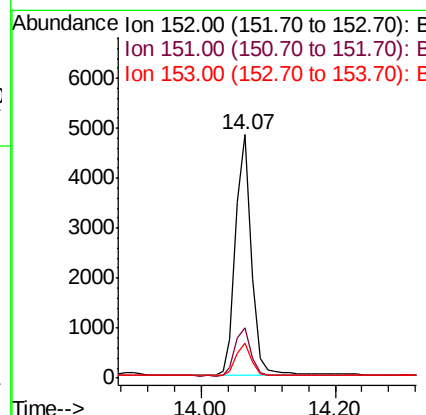
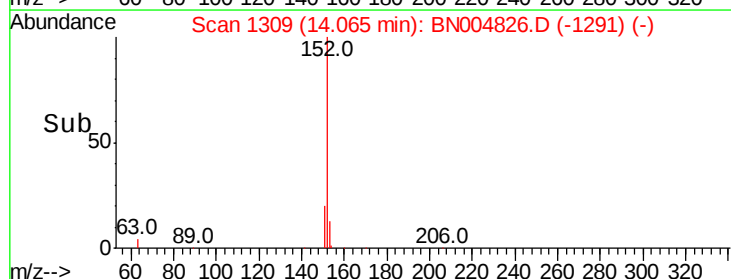
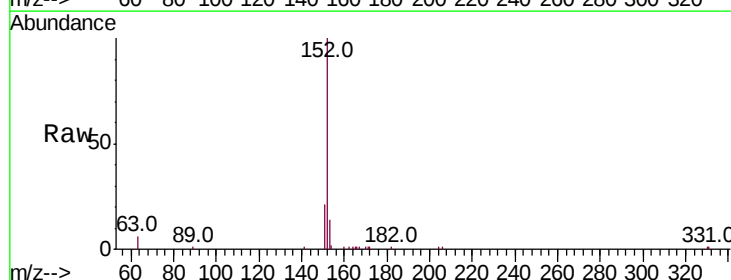
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#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.2	10.5	15.7





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.40 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

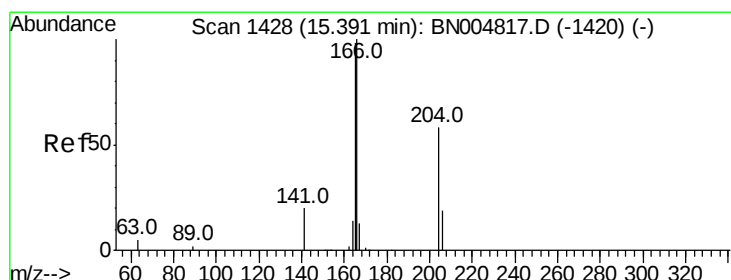
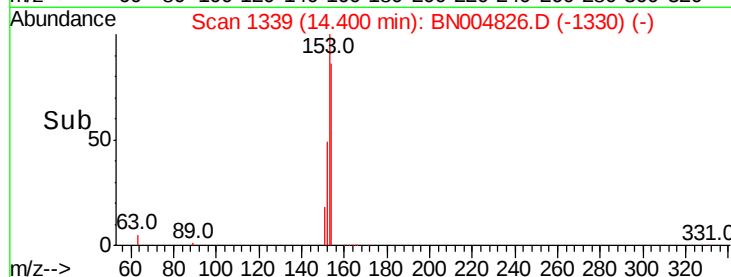
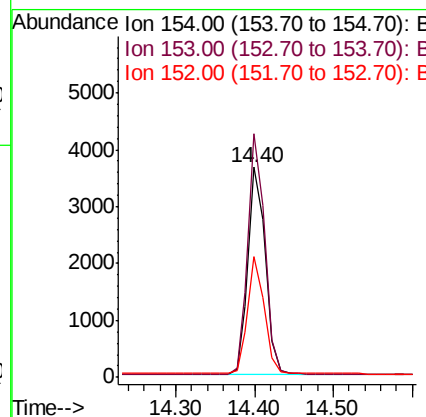
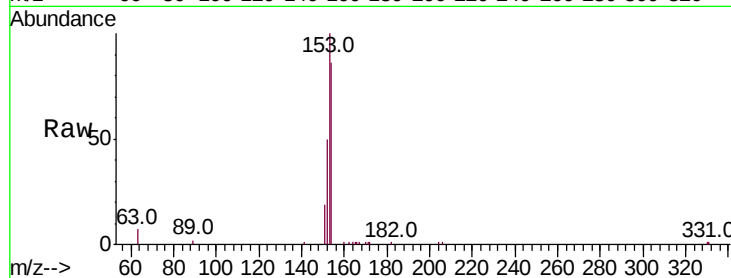
ClientSampleId :

PB117833BS

Tot Ion:	154	Resp:	5581
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.4	137.2
152	54.9	44.2	66.2

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#18

Fluorene

Concen: 0.397 ng

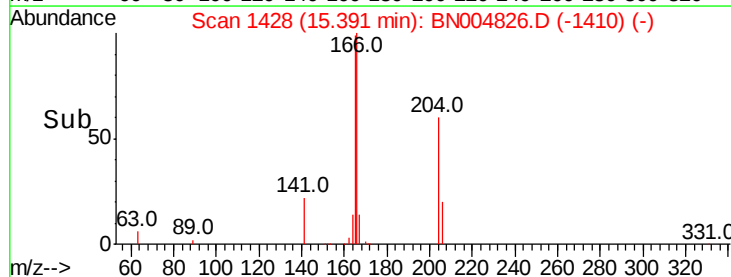
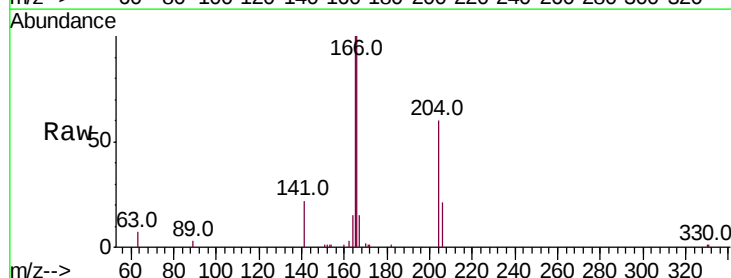
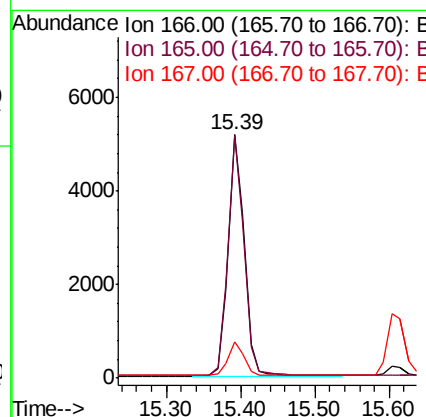
RT: 15.39 min Scan# 1428

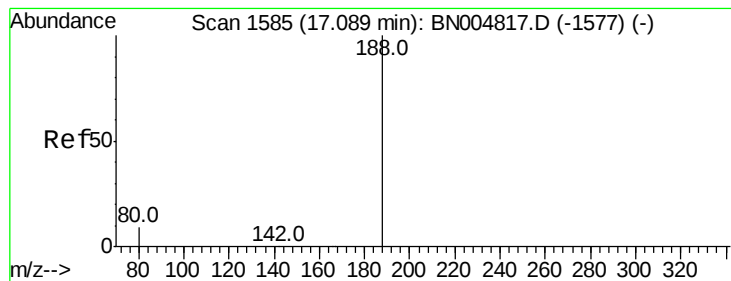
Delta R.T. -0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Tgt Ion:	166	Resp:	7762
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.2	117.4
167	13.6	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: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

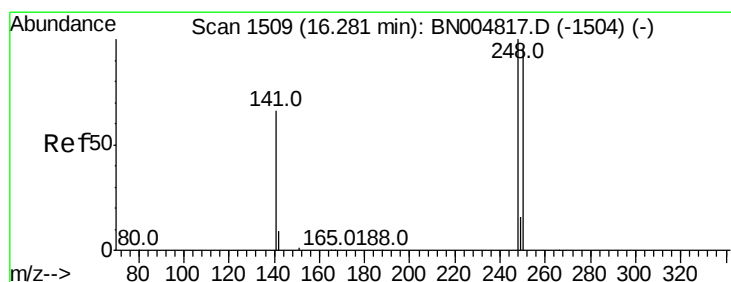
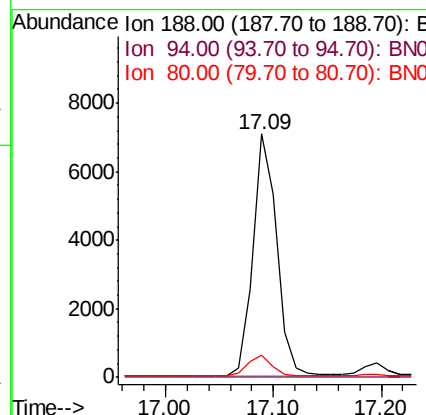
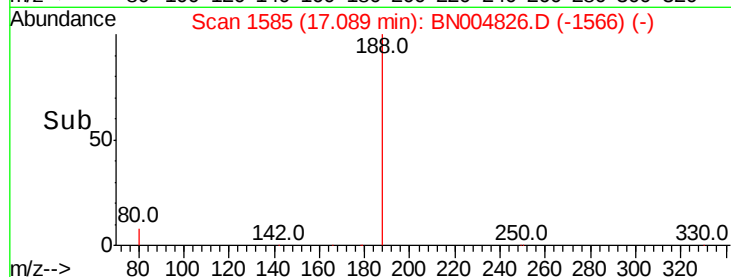
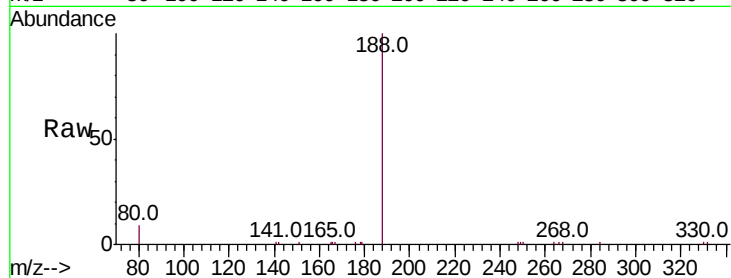
ClientSampleId :

PB117833BS

Tot Ion:	188	Resp:	10693
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.1	7.4	11.2

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#20

4-Bromophenyl-phenylether

Concen: 0.393 ng

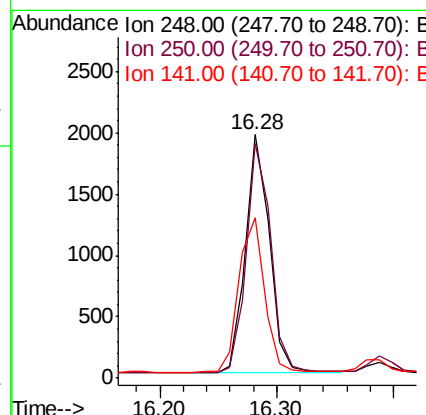
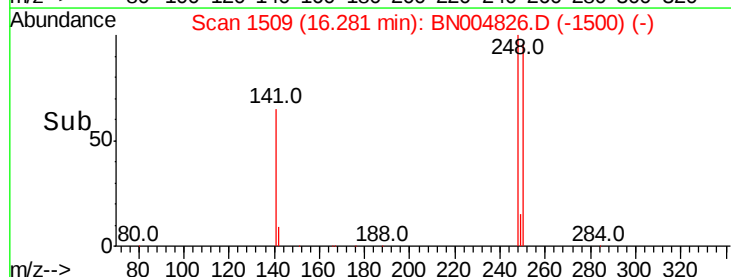
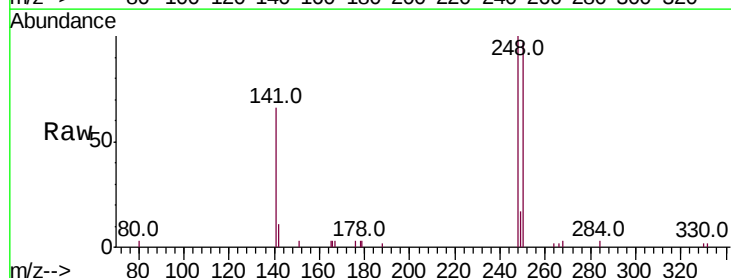
RT: 16.28 min Scan# 1509

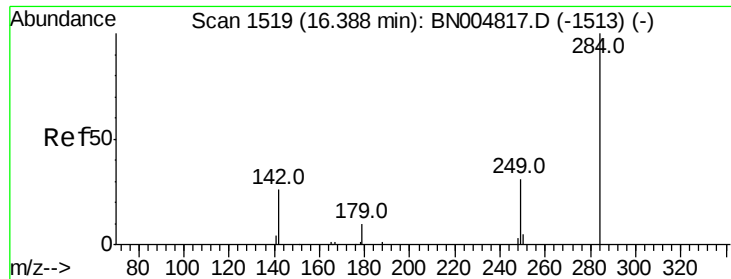
Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Tgt Ion:	248	Resp:	2747
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.2	114.4
141	65.6	53.9	80.9





#21

Hexachlorobenzene

Concen: 0.400 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

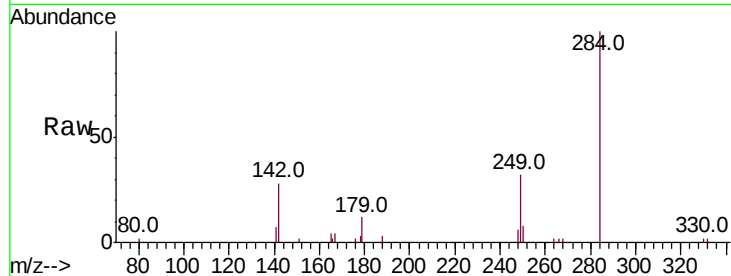
ClientSampleId :

PB117833BS

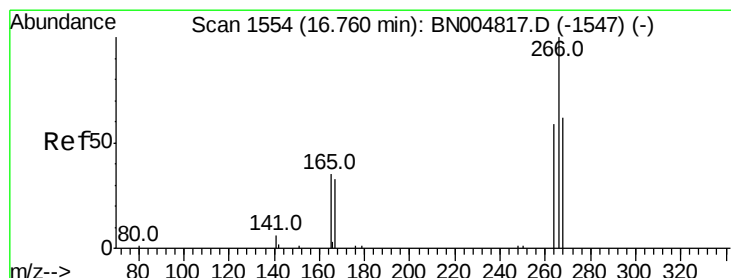
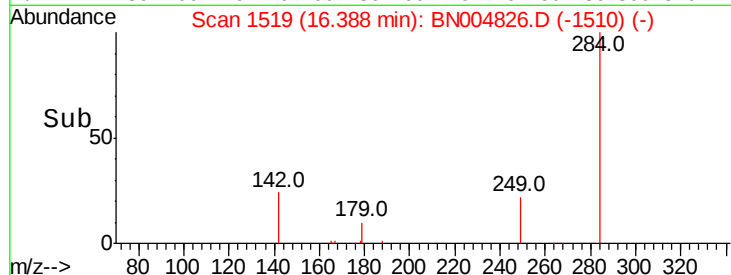
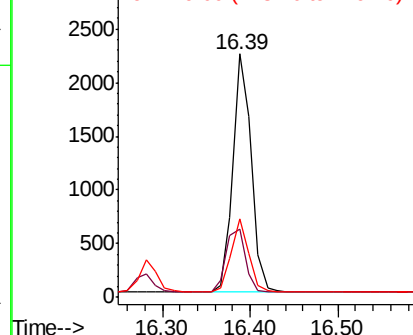
Tot Ion:	284	Resp:	3202
Ion Ratio	Lower	Upper	
284	100		
142	28.5	22.6	34.0
249	29.2	22.5	33.7

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



#22

Pentachlorophenol

Concen: 0.511 ng m

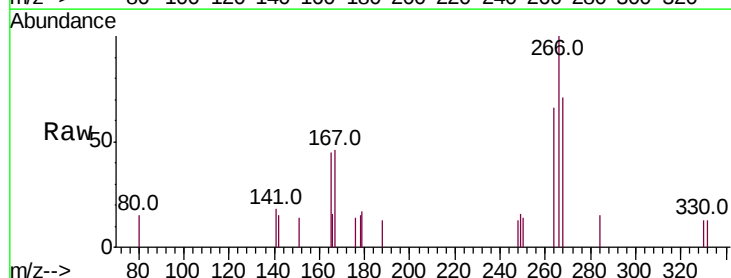
RT: 16.76 min Scan# 1554

Delta R.T. 0.00 min

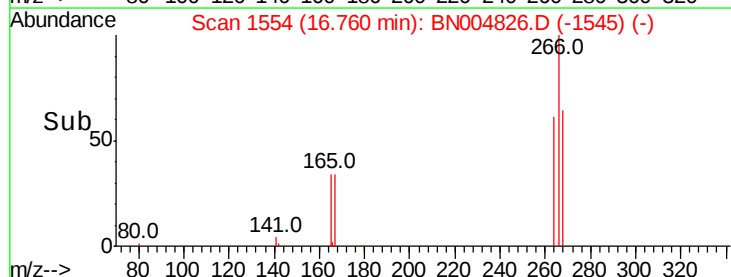
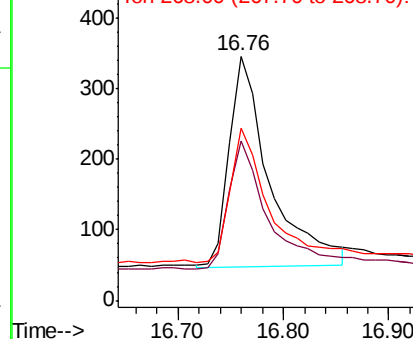
Lab File: BN004826.D

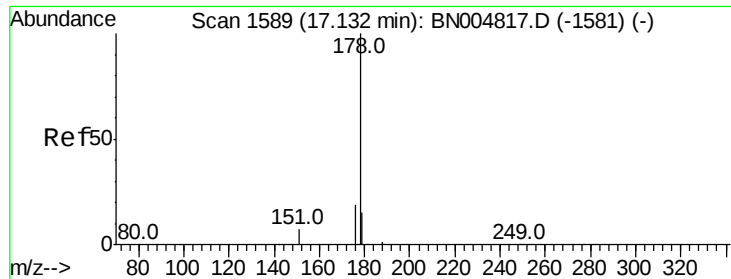
Acq: 20 Mar 2019 19:20

Tgt Ion:	266	Resp:	799
Ion Ratio	Lower	Upper	
266	100		
264	65.6	53.1	79.7
268	70.5	57.7	86.5



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: 0.395 ng

RT: 17.13 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

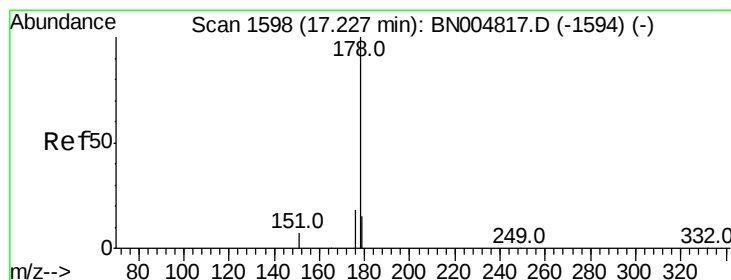
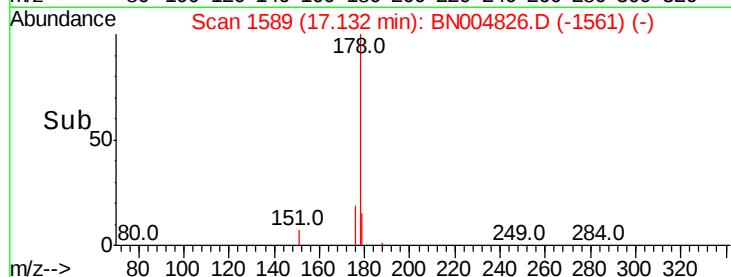
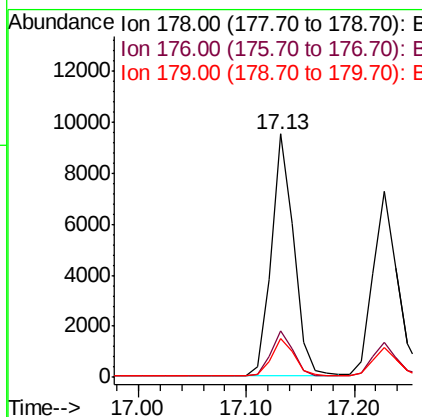
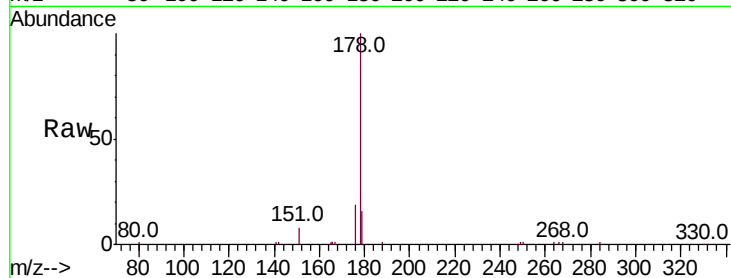
ClientSampleId :

PB117833BS

Tot Ion:	178	Resp:	13623
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.9	22.3
179	15.5	12.1	18.1

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#24

Anthracene

Concen: 0.378 ng

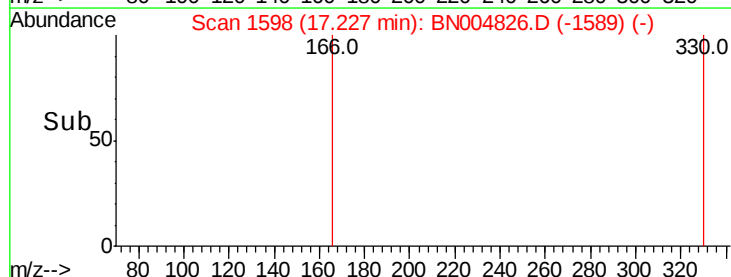
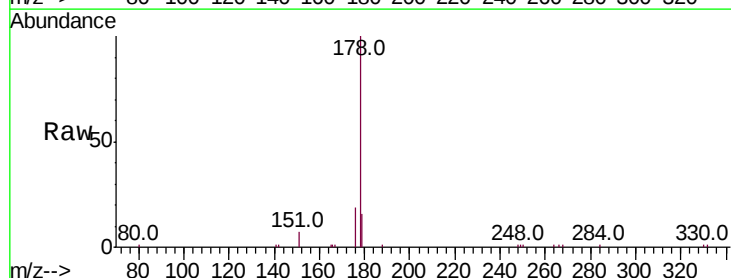
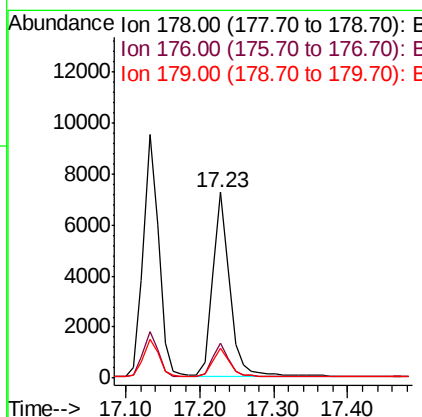
RT: 17.23 min Scan# 1598

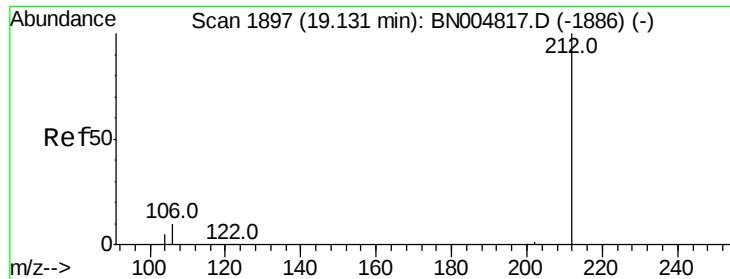
Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Tgt Ion:	178	Resp:	11668
Ion Ratio	Lower	Upper	
178	100		
176	18.3	14.5	21.7
179	15.2	12.2	18.4





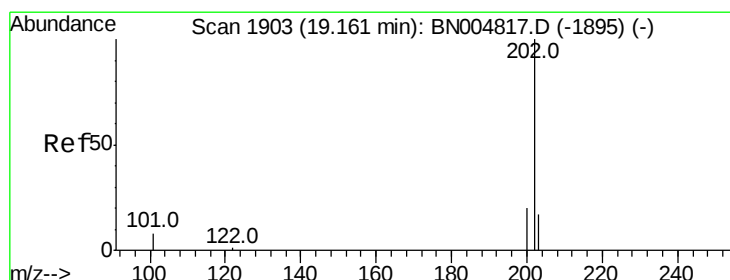
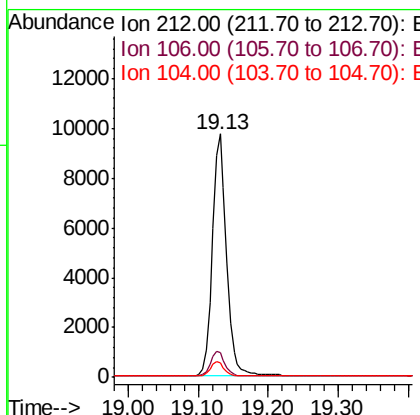
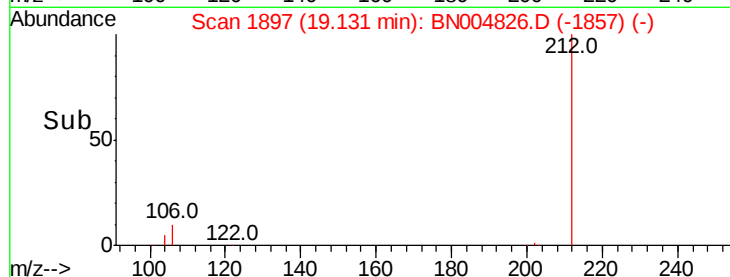
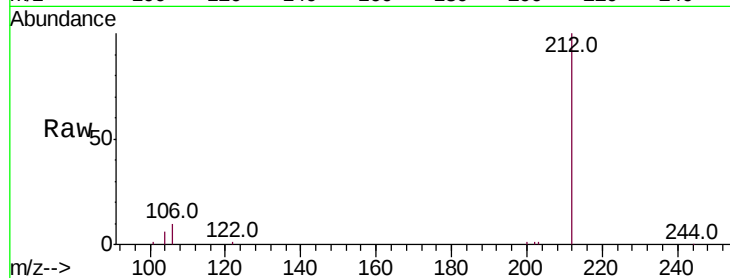
#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.13 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Instrument :
BNA_N
ClientSampleId :
PB117833BS

Tot Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.6	13.0
104	5.7	4.7	7.1

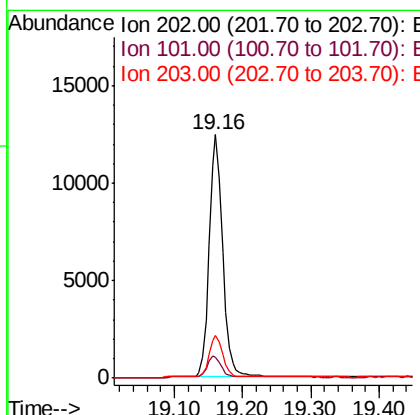
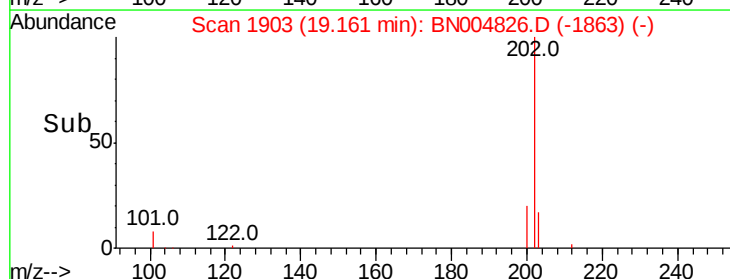
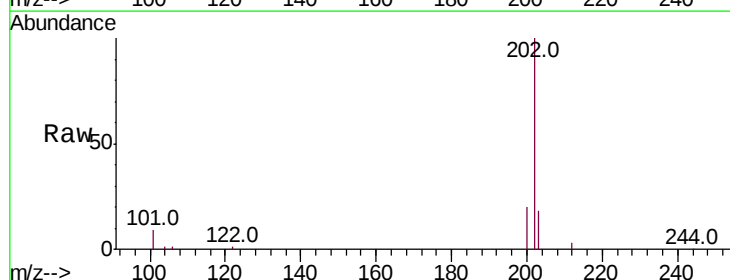
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#26
Fluoranthene
Concen: 0.390 ng
RT: 19.16 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.5	11.3
203	17.2	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

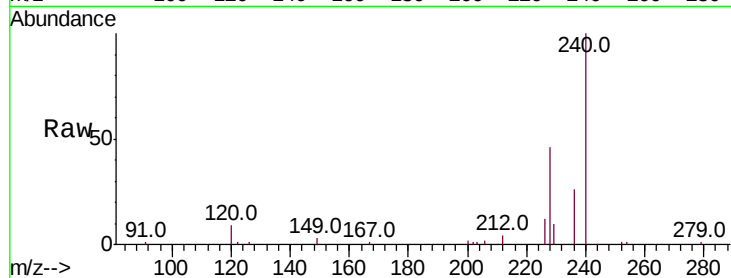
ClientSampled :

PB117833BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.2	10.8
236	26.4	20.9	31.3

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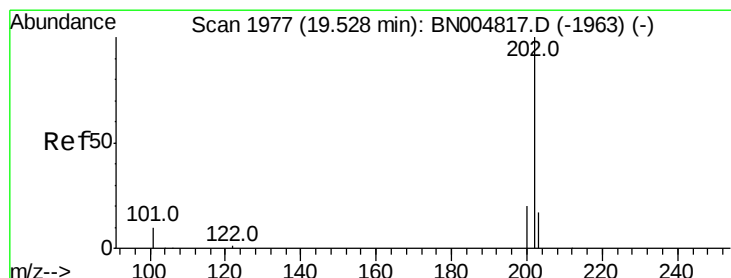
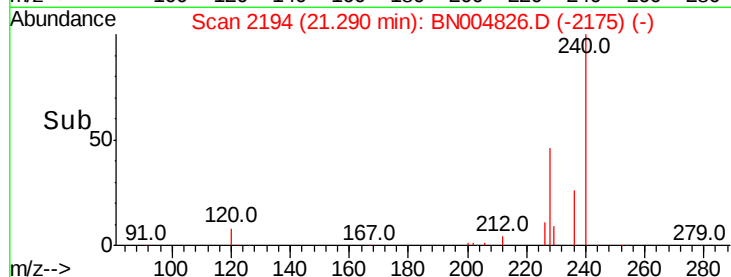
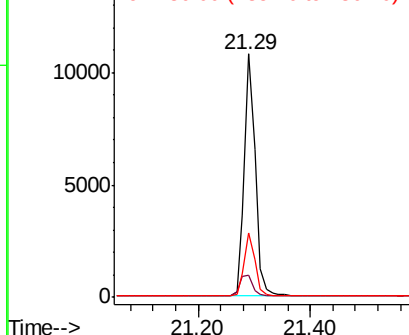


Abundance

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: 0.395 ng

RT: 19.53 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

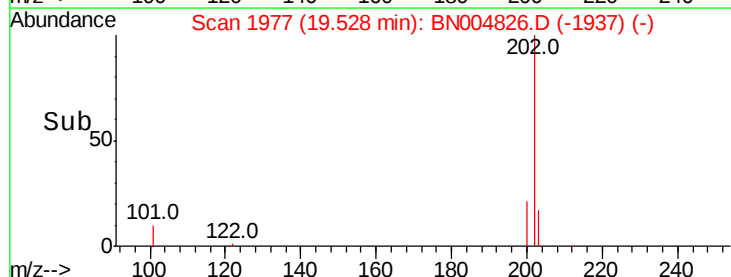
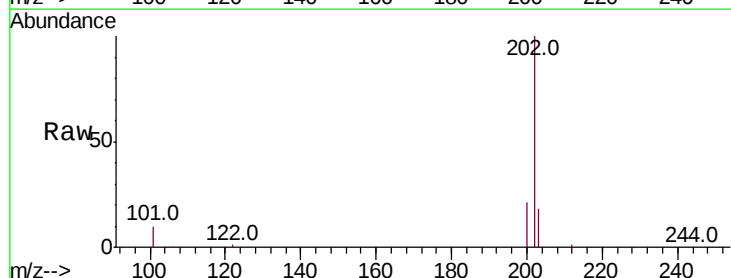
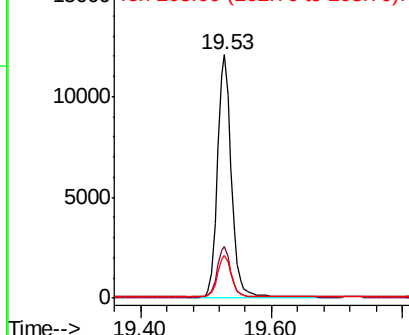
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.5	14.0	21.0

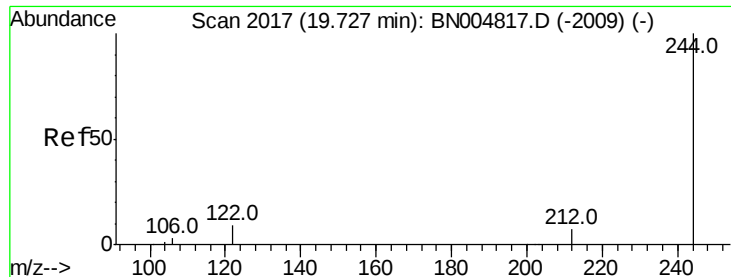
Abundance

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





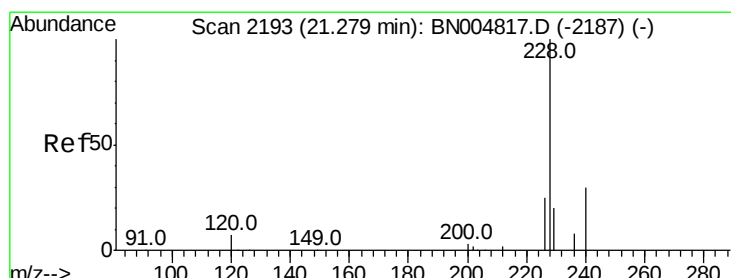
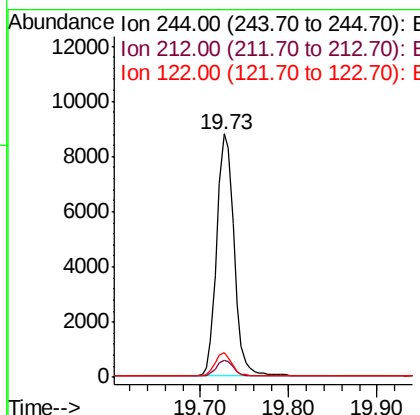
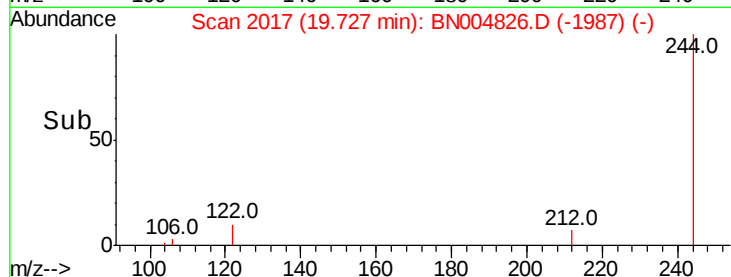
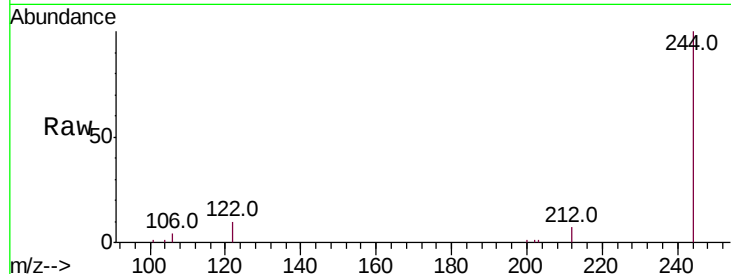
#29
 Terphenyl-d14
 Concen: 0.394 ng
 RT: 19.73 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BN004826.D
 Acq: 20 Mar 2019 19:20

Instrument :
 BNA_N
 ClientSampleId :
 PB117833BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.2	7.9	11.9

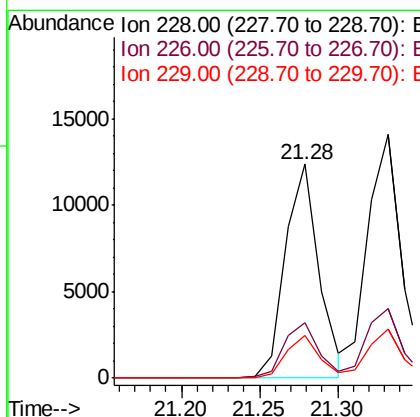
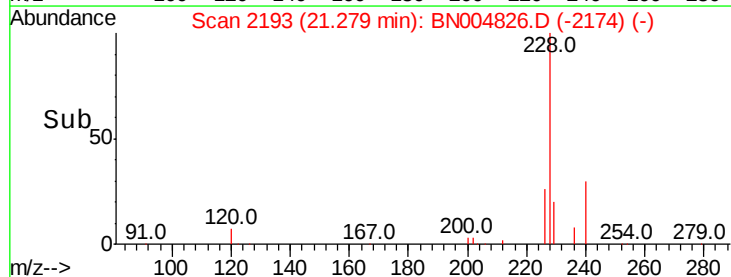
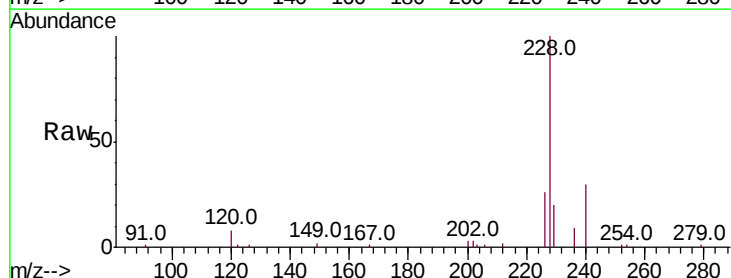
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#30
 Benzo(a)anthracene
 Concen: 0.375 ng
 RT: 21.28 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BN004826.D
 Acq: 20 Mar 2019 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.6	31.0
229	20.1	16.2	24.4





#31

Chrysene

Concen: 0.407 ng

RT: 21.33 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

Tot Ion:228 Resp: 20859

Ion Ratio Lower Upper

228 100

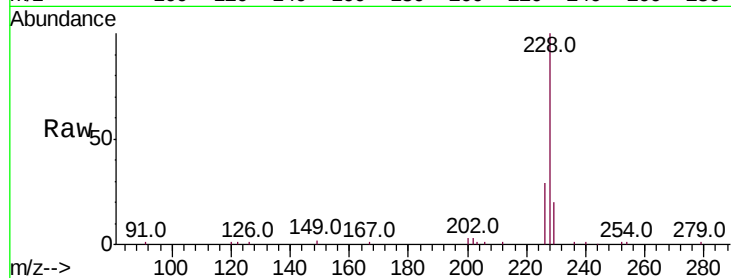
226 28.7 23.0 34.6

229 20.1 16.2 24.2

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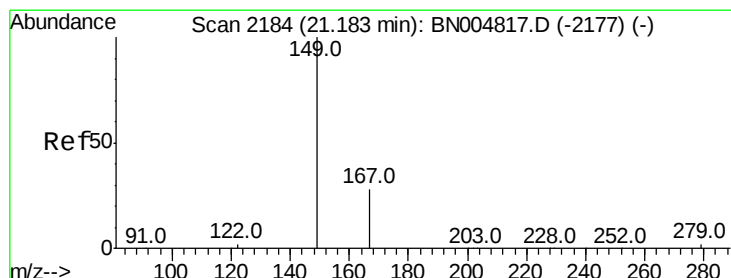
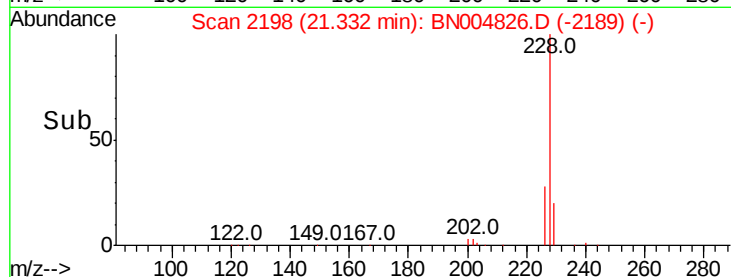
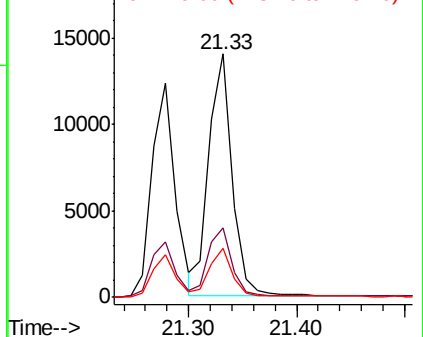
3/25/2019 8:49:43 AM



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: 0.377 ng

RT: 21.18 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

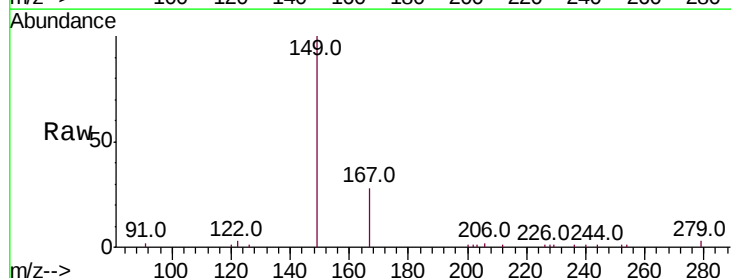
Tgt Ion:149 Resp: 7332

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

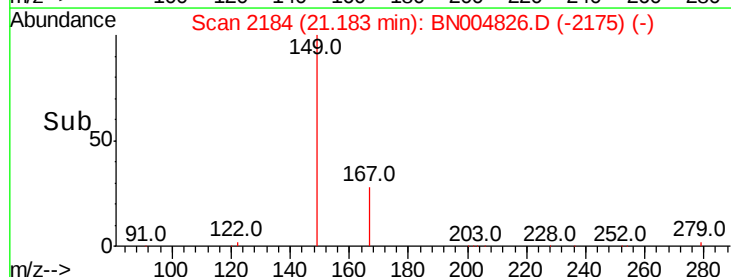
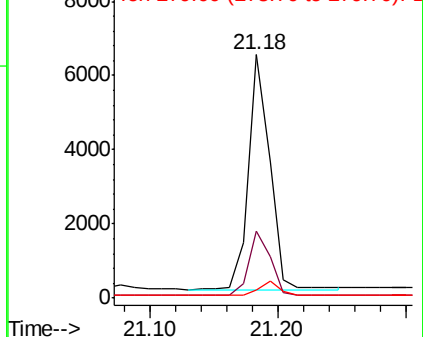
279 5.6 4.6 6.8



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





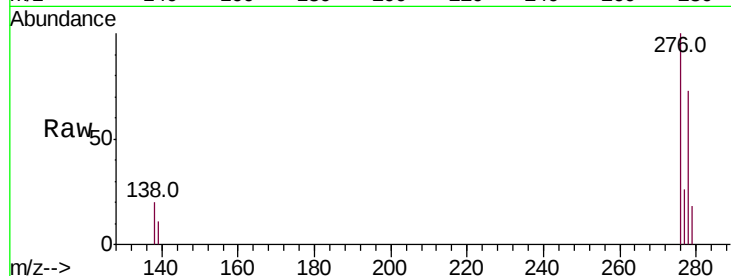
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng
RT: 25.82 min Scan# 3296
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Instrument :
BNA_N
ClientSampled :
PB117833BS

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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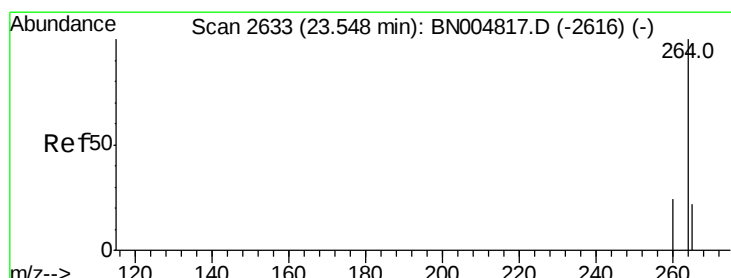
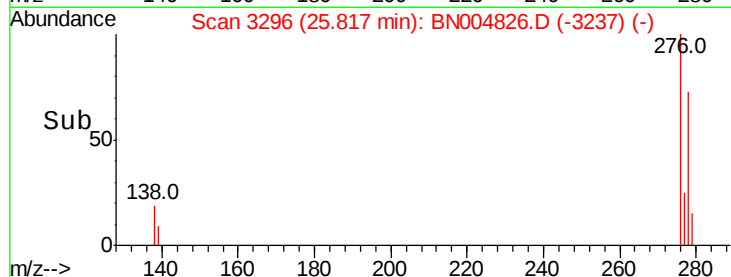
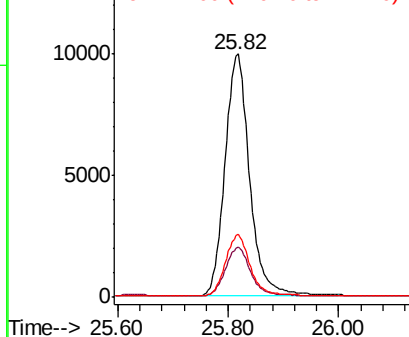


Abundance

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: 23.55 min Scan# 2633
Delta R.T. -0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

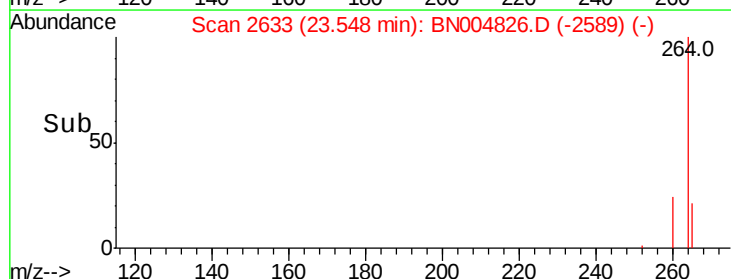
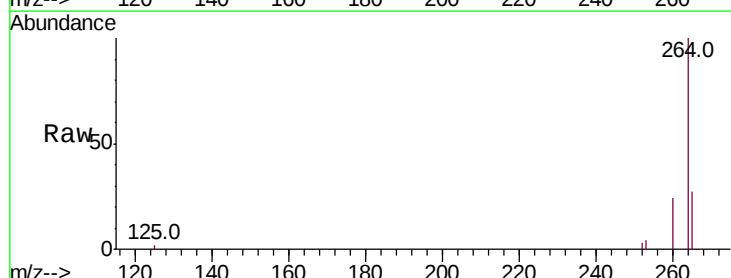
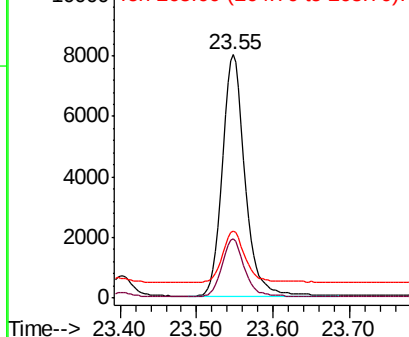
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	27.5	23.1	34.7

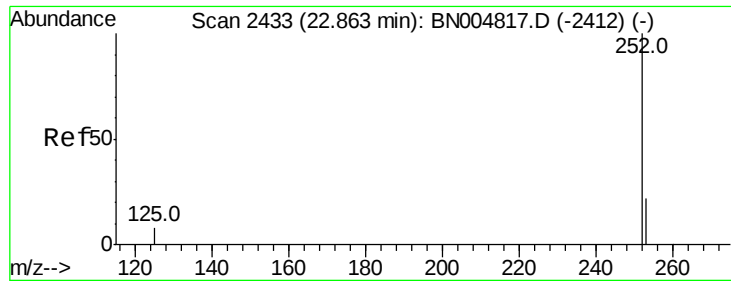
Abundance

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





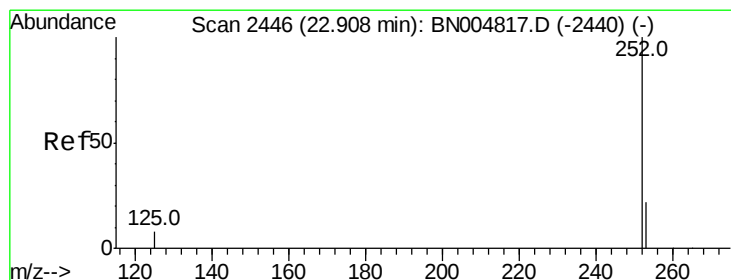
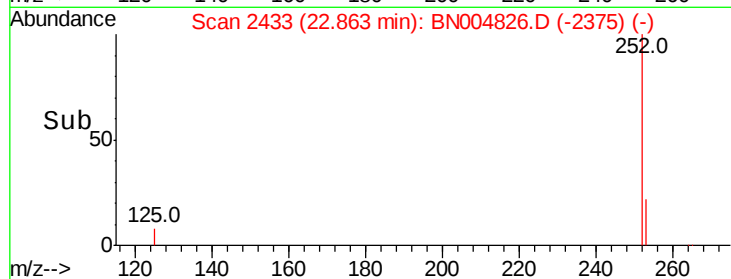
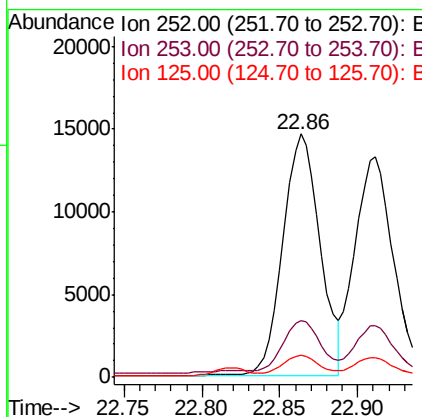
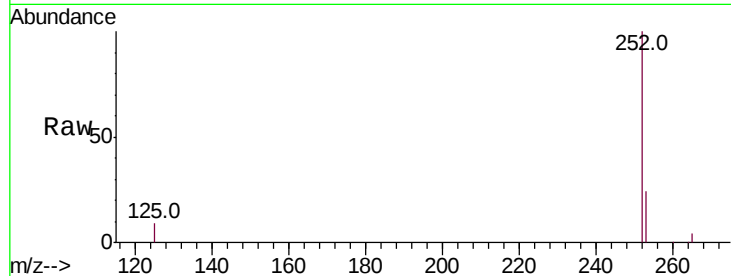
#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.86 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Instrument :
BNA_N
ClientSampleId :
PB117833BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	8.9	7.4	11.2

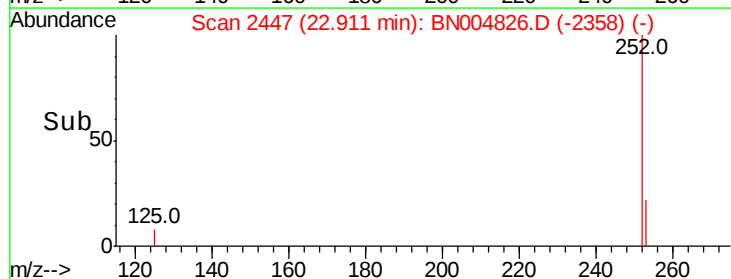
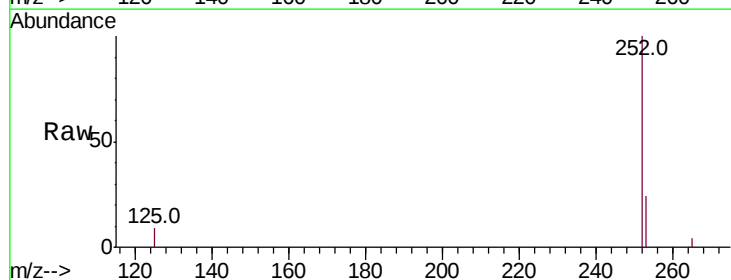
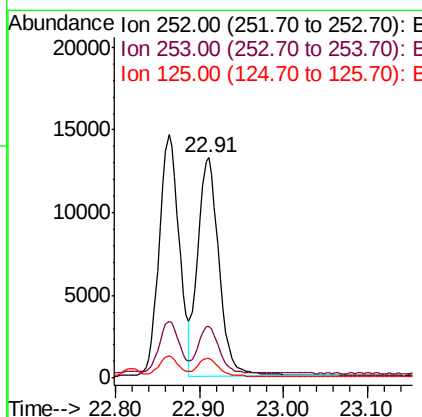
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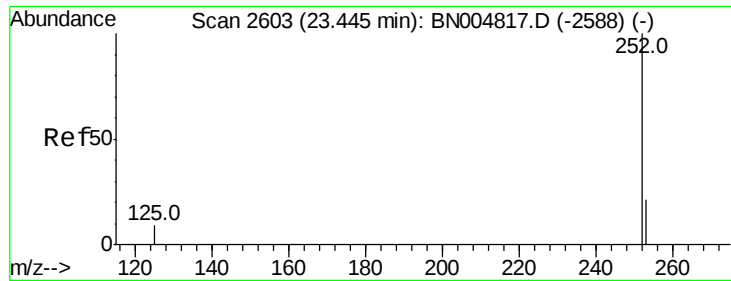
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#36
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 22.91 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.3	28.9
125	8.9	7.4	11.0





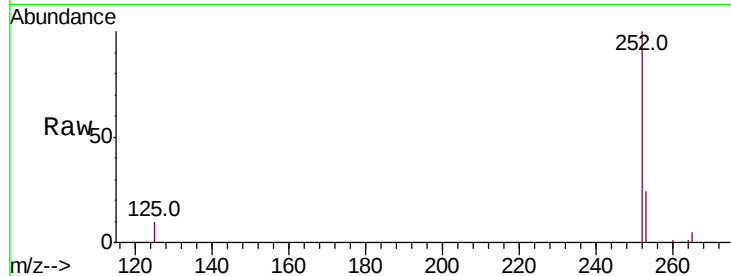
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.45 min Scan# 2604
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

Instrument :
BNA_N
ClientSampleId :
PB117833BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.7	29.5
125	9.9	8.3	12.5

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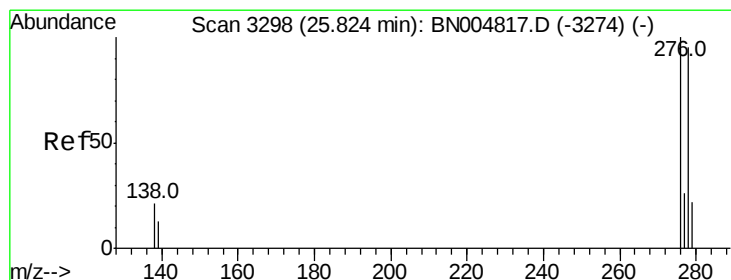
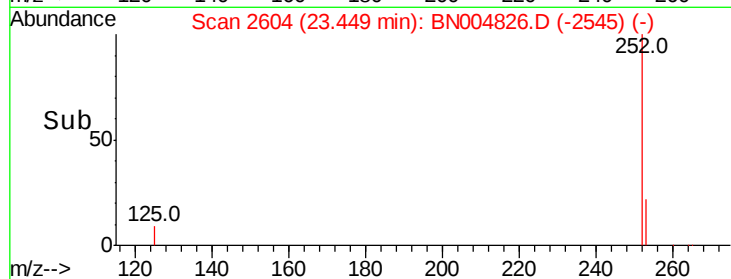
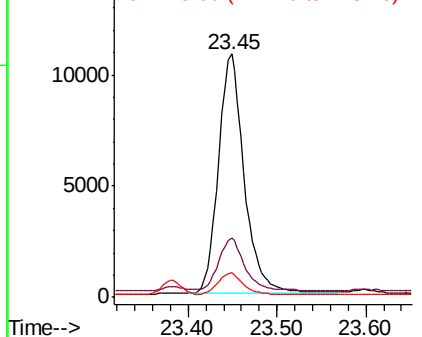


Abundance

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: 0.399 ng
RT: 25.82 min Scan# 3298
Delta R.T. 0.00 min
Lab File: BN004826.D
Acq: 20 Mar 2019 19:20

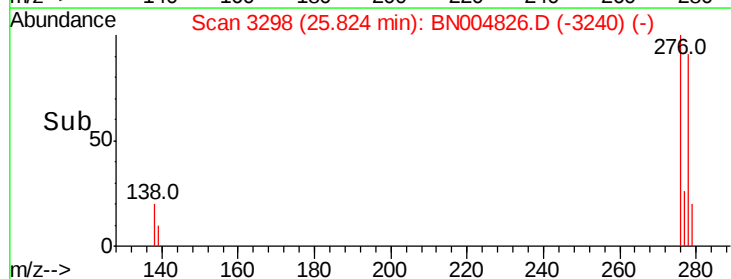
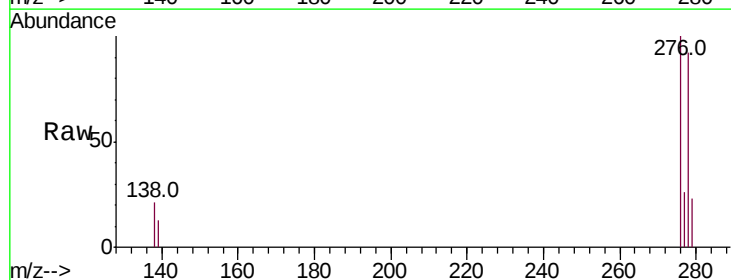
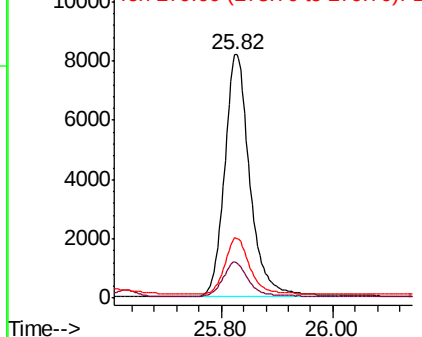
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	24.9	19.9	29.9

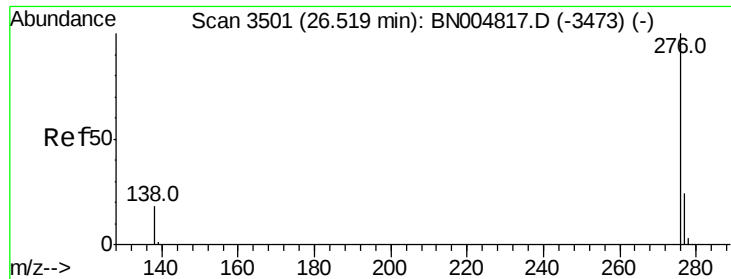
Abundance

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: 0.395 ng

RT: 26.52 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BN004826.D

Acq: 20 Mar 2019 19:20

Instrument :

BNA_N

ClientSampleId :

PB117833BS

Tot Ion:	276	Resp:	25850
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.7	29.5
138	18.3	14.6	22.0

Manual Integrations
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