

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\
 Data File : BN004892.D
 Acq On : 22 Mar 2019 20:12
 Operator : JU/SJ
 Sample : PB117788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB117788BS

Manual Integrations
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 3/25/2019 8:57:27 AM

Quant Time: Mar 23 02:59:07 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	7.69	152	2243	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	8851	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	4876	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	13085	0.40	ng	0.00
27) Chrysene-d12	21.29	240	16514	0.40	ng	0.00
34) Perylene-d12	23.54	264	17598	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	2060	0.34	ng	0.00
5) Phenol-d6	6.87	99	2411	0.32	ng	0.00
8) Nitrobenzene-d5	8.86	82	1795	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	4908	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	899	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	7105	0.35	ng	-0.01
25) Fluoranthene-d10	19.12	212	13732	0.31	ng	-0.01
29) Terphenyl-d14	19.72	244	11501	0.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	637	0.250	ng	# 61
3) n-Nitrosodimethylamine	3.57	42	408	0.271	ng	# 93
6) bis(2-Chloroethyl)ether	7.13	93	2058	0.300	ng	99
9) Naphthalene	10.53	128	7937	0.320	ng	100
10) Hexachlorobutadiene	10.80	225	1427	0.301	ng	# 99
12) 2-Methylnaphthalene	12.15	142	5571	0.302	ng	99
16) Acenaphthylene	14.05	152	7641	0.304	ng	100
17) Acenaphthene	14.40	154	5155	0.313	ng	99
18) Fluorene	15.39	166	7165	0.312	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	2563	0.300	ng	91
21) Hexachlorobenzene	16.39	284	2700	0.276	ng	94
22) Pentachlorophenol	16.77	266	601m	0.314	ng	
23) Phenanthrene	17.12	178	13025	0.308	ng	99
24) Anthracene	17.22	178	11256	0.298	ng	100
26) Fluoranthene	19.16	202	16270	0.300	ng	99
28) Pyrene	19.52	202	16640	0.330	ng	99
30) Benzo(a)anthracene	21.27	228	16675	0.308	ng	97
31) Chrysene	21.32	228	17949	0.315	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	5630	0.260	ng	97
33) Indeno(1,2,3-cd)pyrene	25.81	276	23830	0.289	ng	99
35) Benzo(b)fluoranthene	22.86	252	19689	0.309	ng	98
36) Benzo(k)fluoranthene	22.90	252	19770	0.316	ng	99
37) Benzo(a)pyrene	23.44	252	18260	0.313	ng	99
38) Dibenzo(a,h)anthracene	25.82	278	19857	0.294	ng	98
39) Benzo(g,h,i)perylene	26.51	276	20658	0.300	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

PB117788BS

Tot Ion:152 Resp: 2243

Ion Ratio Lower Upper

152 100

150 153.6 126.2 189.4

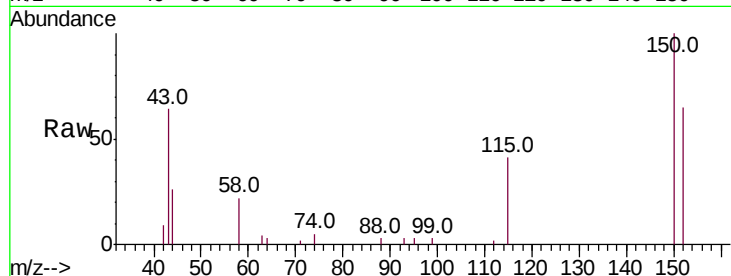
115 62.5 52.6 79.0

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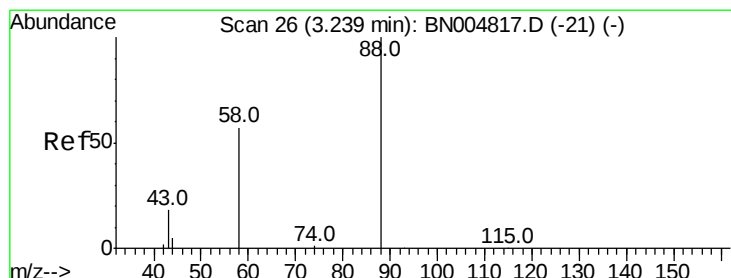
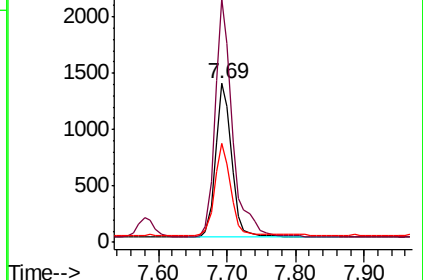
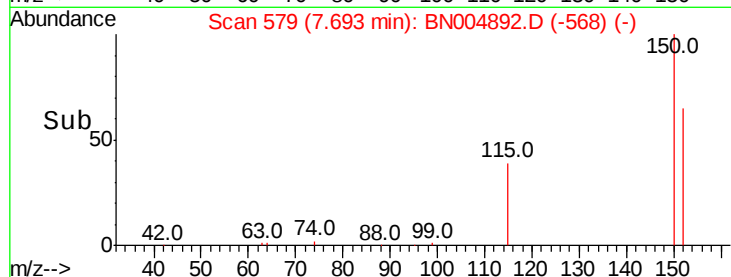
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.250 ng

RT: 3.22 min Scan# 24

Delta R.T. -0.02 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

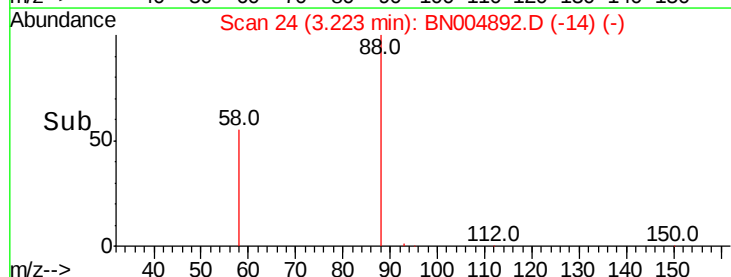
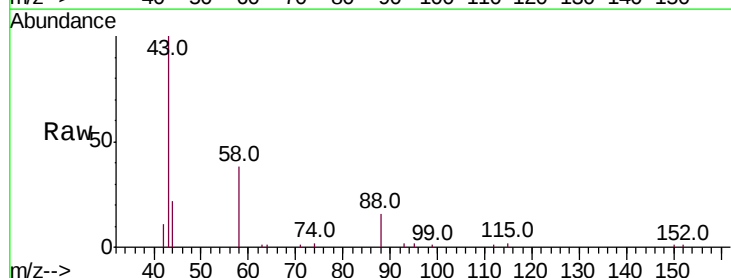
Tgt Ion: 88 Resp: 637

Ion Ratio Lower Upper

88 100

58 91.5 51.4 77.2#

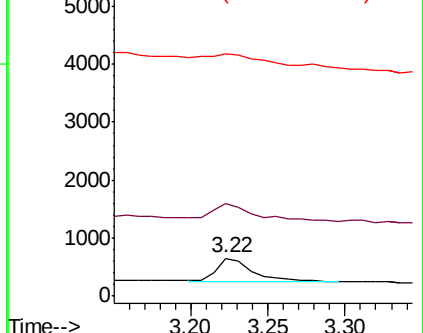
43 0.0 20.0 30.0#



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

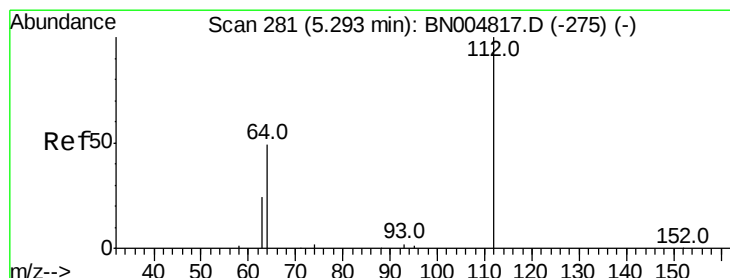
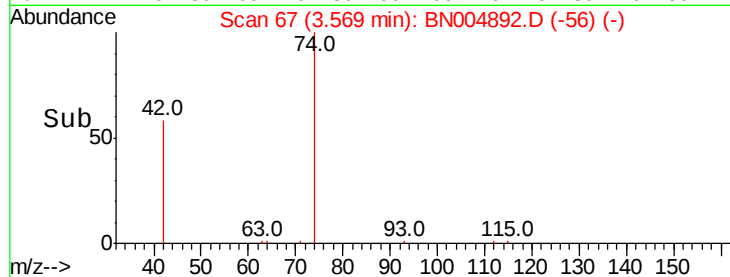
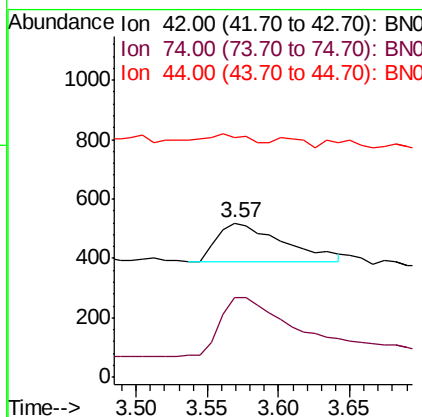
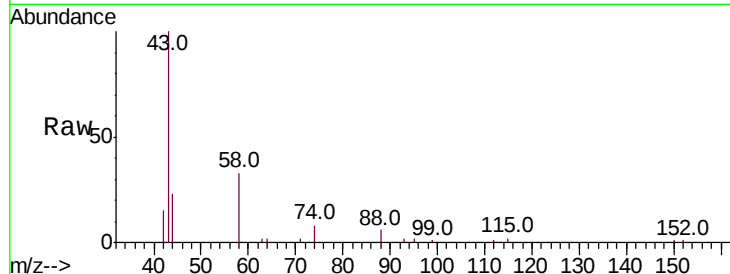
n-Nitrosodimethylamine
 Concen: 0.271 ng
 RT: 3.57 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BN004892.D
 Acq: 22 Mar 2019 20:12

Instrument :
 BNA_N
 ClientSampled :
 PB117788BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	169.1	128.4	192.6
44	16.7	6.1	9.1#

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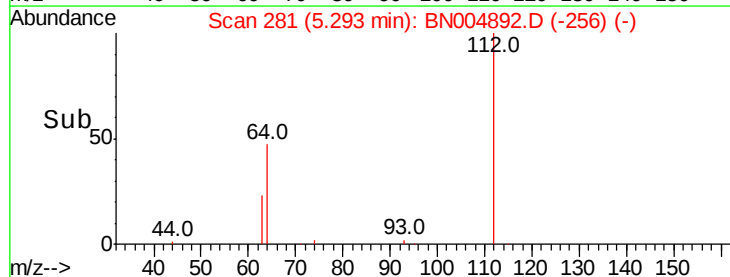
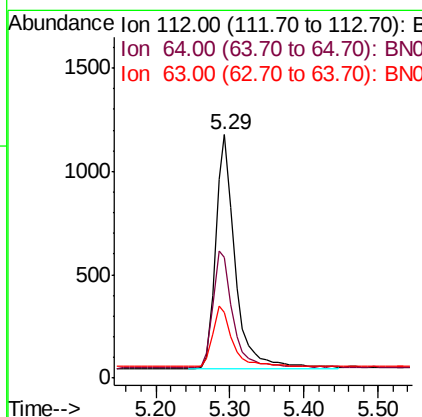
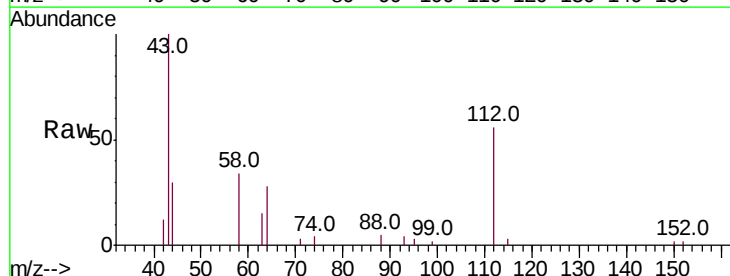
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#4

2-Fluorophenol
 Concen: 0.338 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004892.D
 Acq: 22 Mar 2019 20:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	40.0	60.0
63	26.5	20.2	30.2





#5

Phenol-d6

Concen: 0.318 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

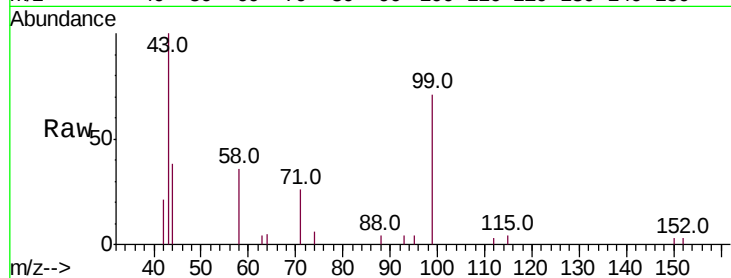
ClientSampleId :

PB117788BS

Tot Ion:	99	Resp:	2411
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.7	19.1
71	30.9	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) (-)

6.87

1500

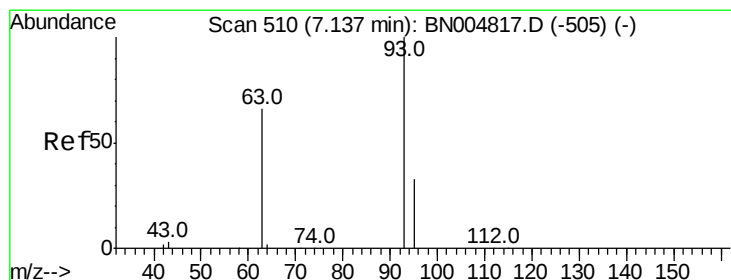
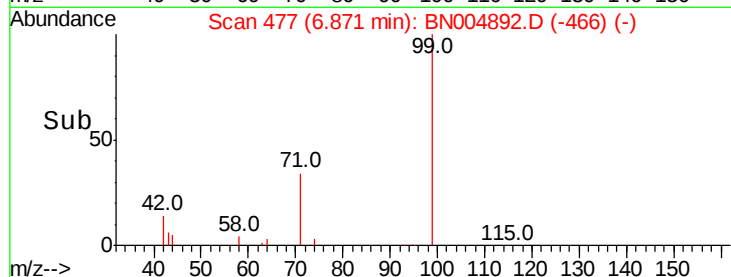
1000

500

0

6.80 6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.300 ng

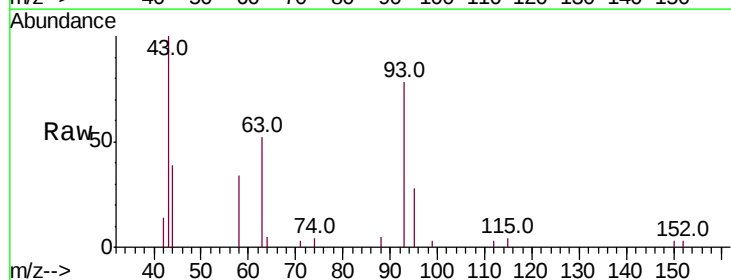
RT: 7.13 min Scan# 509

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Tgt Ion:	93	Resp:	2058
Ion	Ratio	Lower	Upper
93	100		
63	66.7	52.6	78.8
95	32.4	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) (-)

7.13

1500

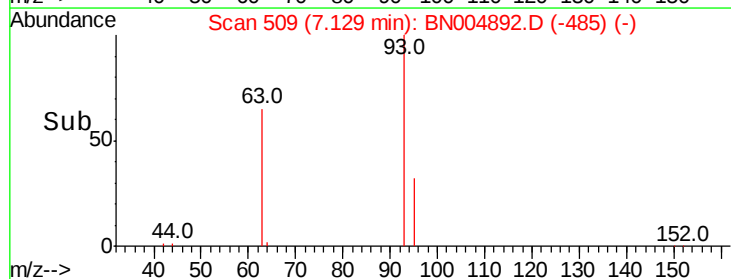
1000

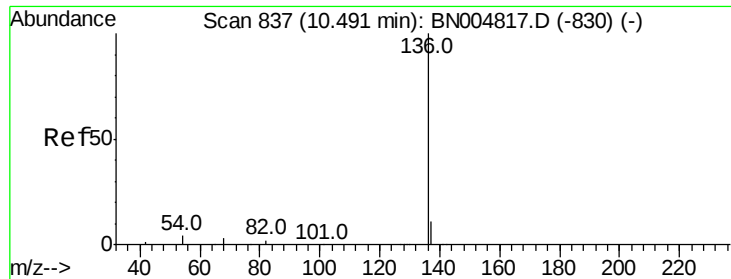
500

0

7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

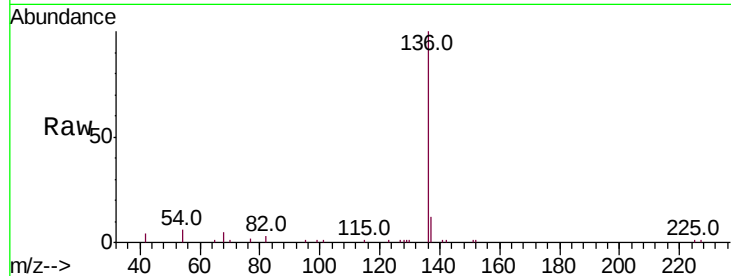
ClientSampleId :

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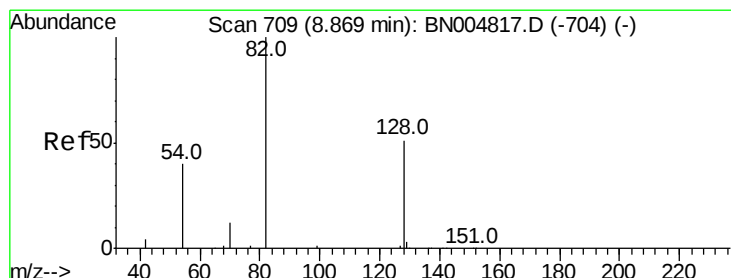
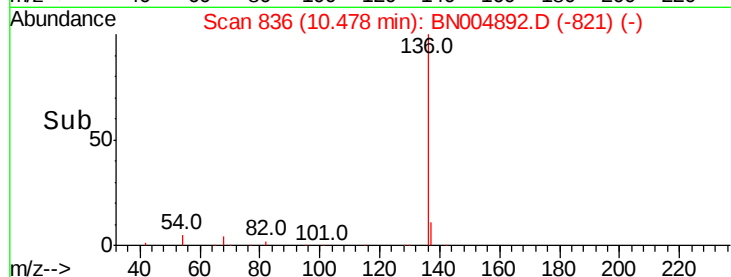
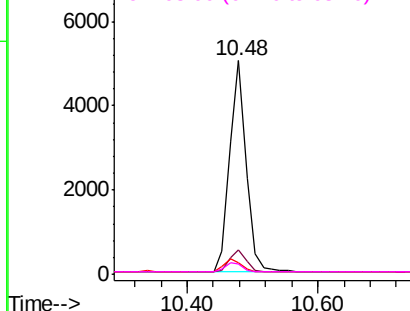
Tot Ion:	136	Resp:	8851
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.6	14.4
54	5.6	4.2	6.2
68	5.0	3.9	5.9

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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: 0.307 ng

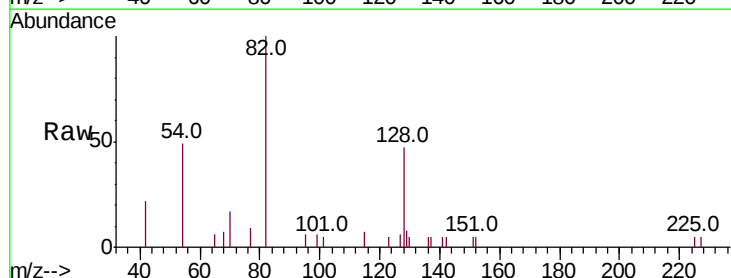
RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

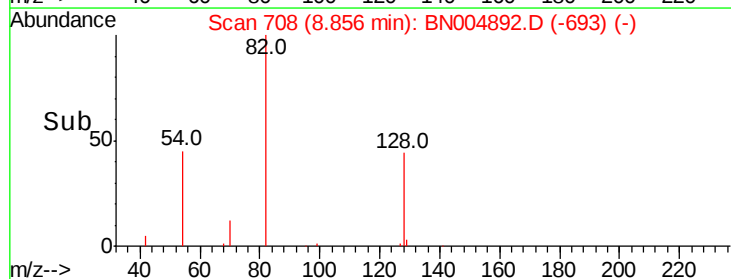
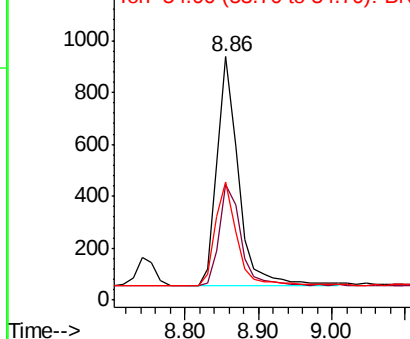
Lab File: BN004892.D

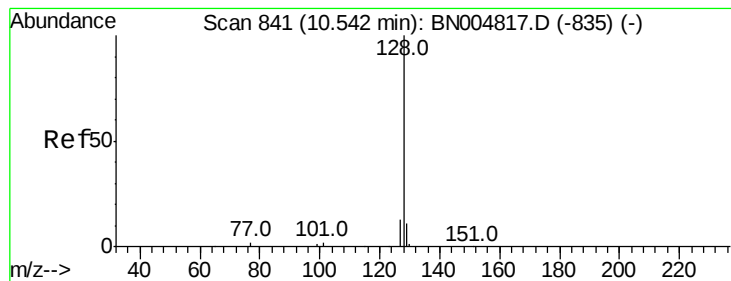
Acq: 22 Mar 2019 20:12

Tgt Ion:	82	Resp:	1795
Ion Ratio	Lower	Upper	
82	100		
128	47.4	43.0	64.6
54	48.5	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: 0.320 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

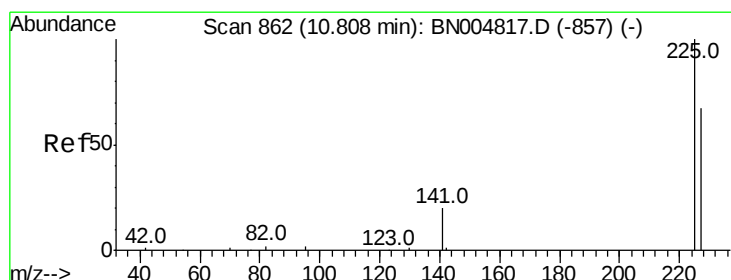
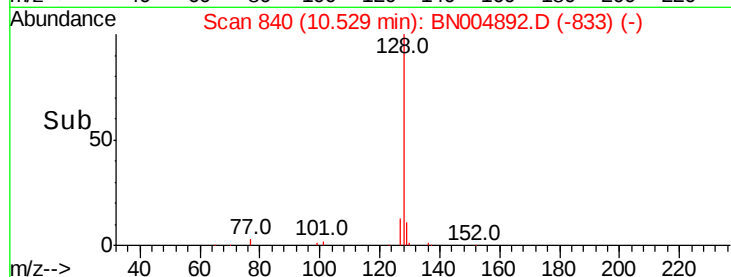
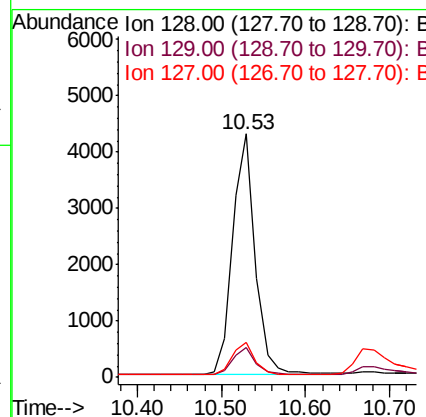
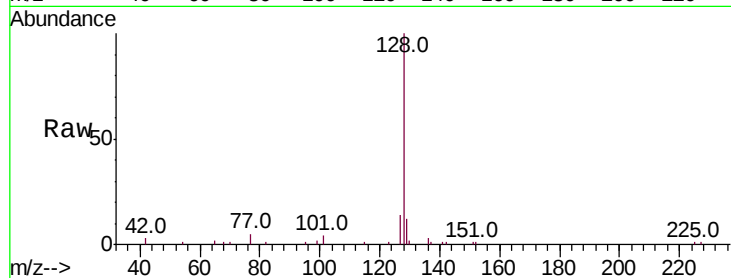
ClientSampleId :

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Tot Ion:	128	Resp:	7937
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.9	14.9
127	14.1	11.3	16.9

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#10

Hexachlorobutadiene

Concen: 0.301 ng

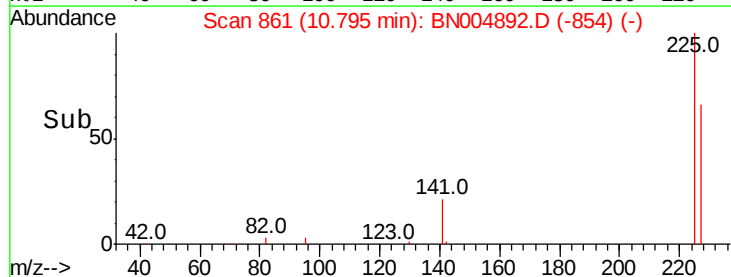
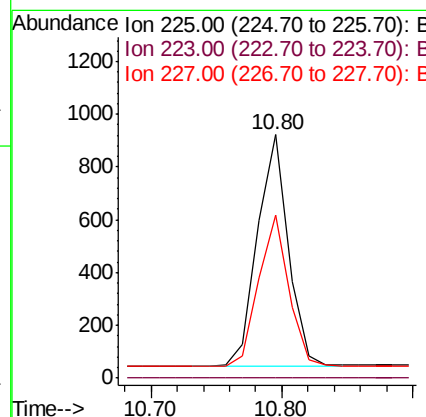
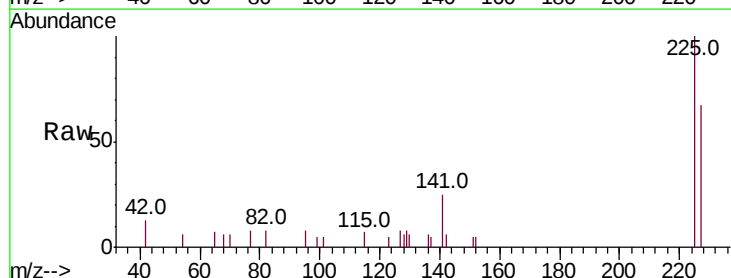
RT: 10.80 min Scan# 861

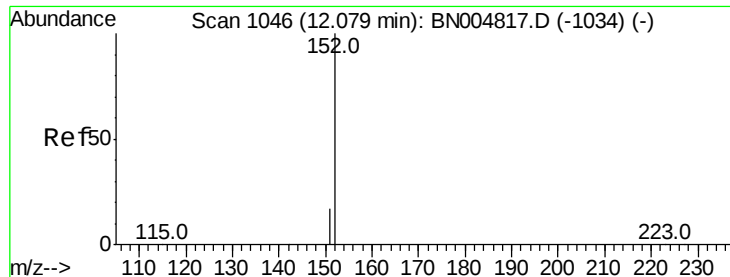
Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Tgt Ion:	225	Resp:	1427
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	52.2	78.4





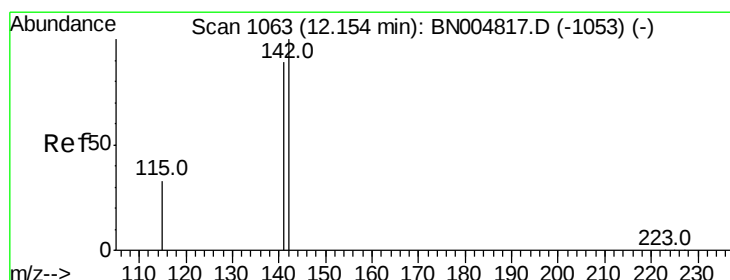
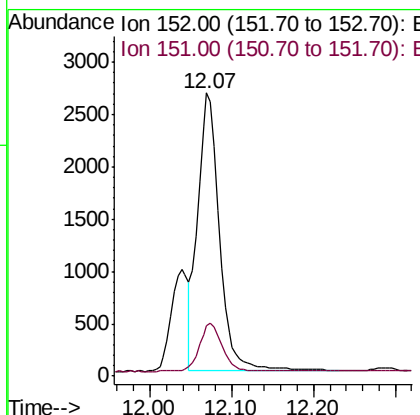
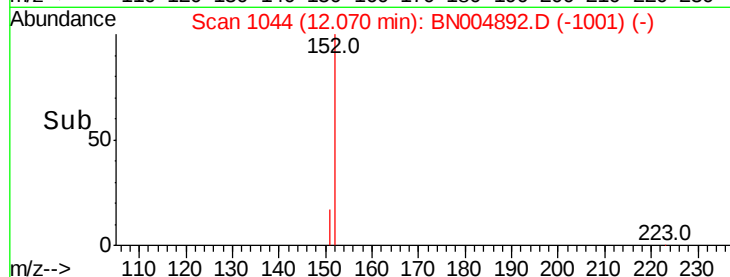
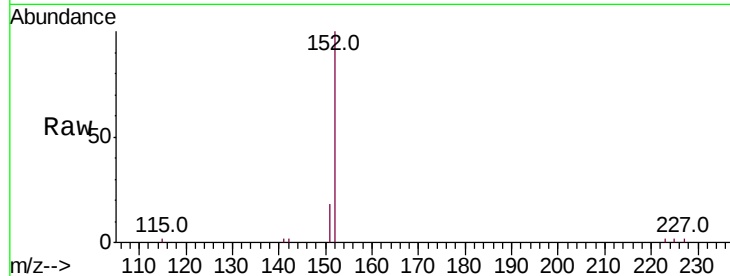
#11
 2-Methylnaphthalene-d10
 Concen: 0.318 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BN004892.D
 Acq: 22 Mar 2019 20:12

Instrument :
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 PB117788BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.5	23.3

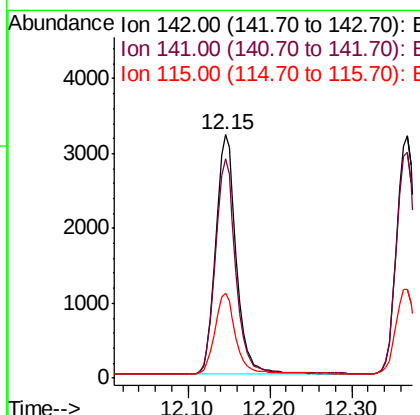
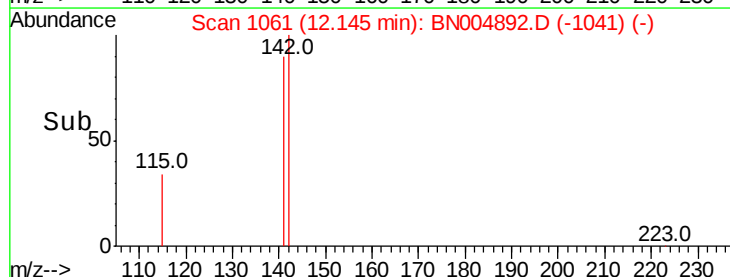
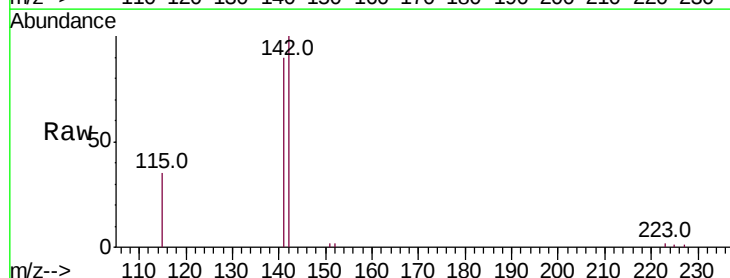
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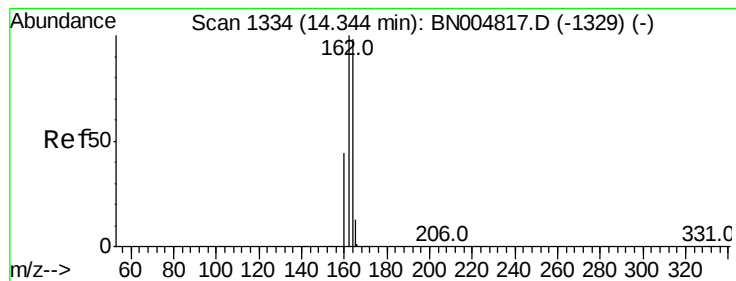
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#12
 2-Methylnaphthalene
 Concen: 0.302 ng
 RT: 12.15 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BN004892.D
 Acq: 22 Mar 2019 20:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.2
115	35.1	27.5	41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

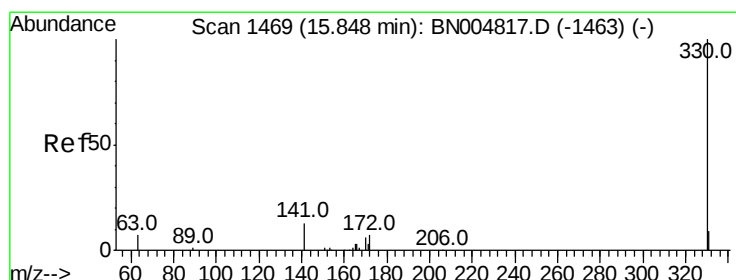
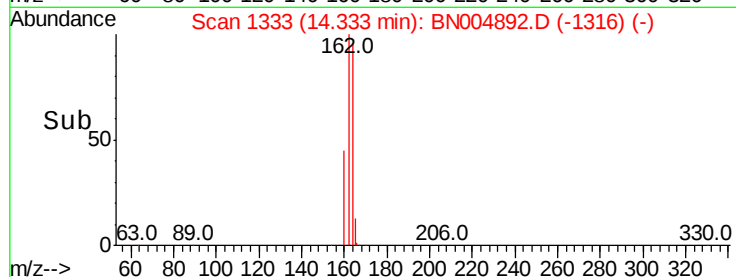
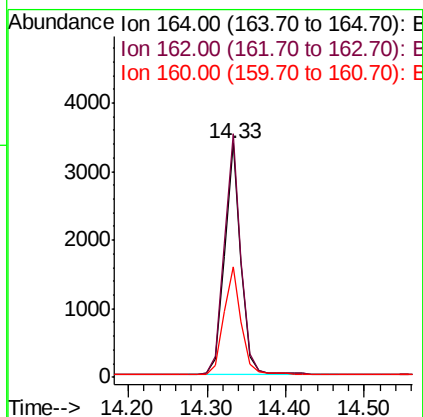
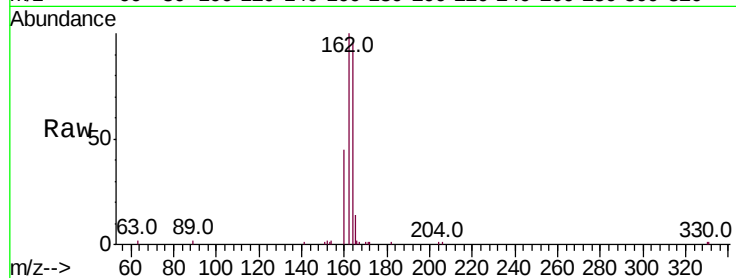
ClientSampleId :

PB117788BS

Tot Ion:	164	Resp:	4876
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.9	122.9
160	47.0	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.267 ng

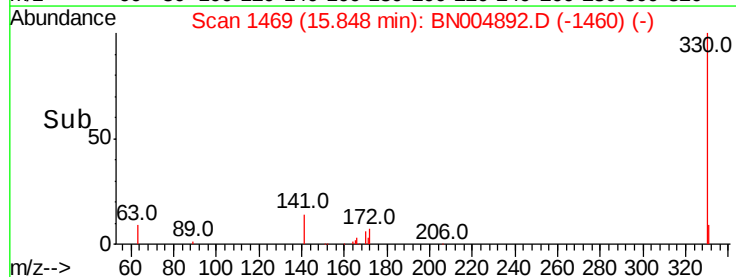
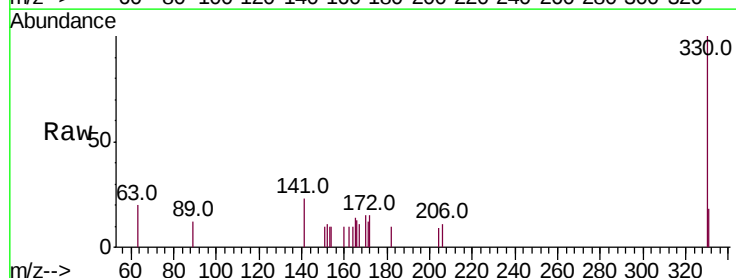
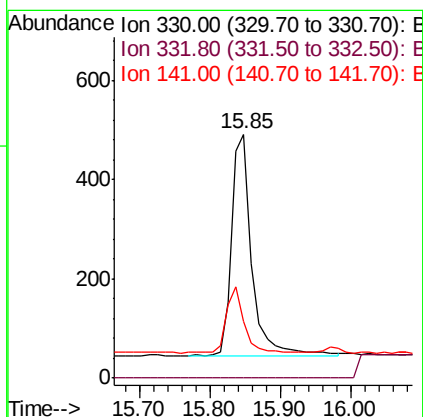
RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Tgt Ion:	330	Resp:	899
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	27.5	20.9	31.3





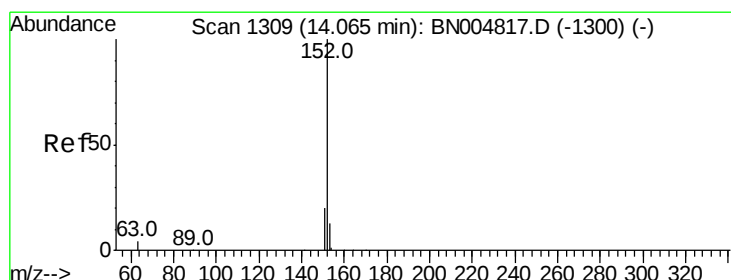
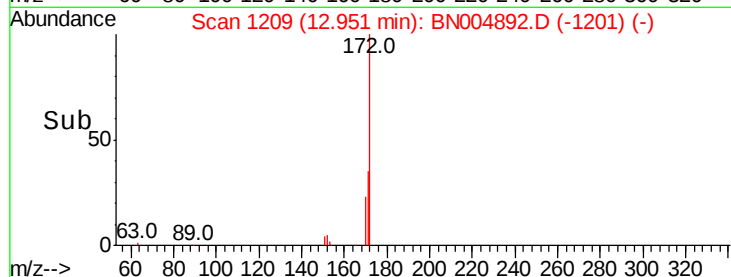
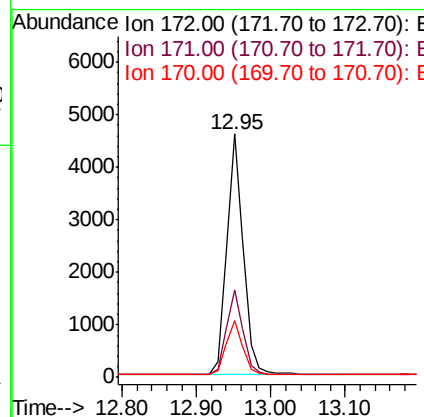
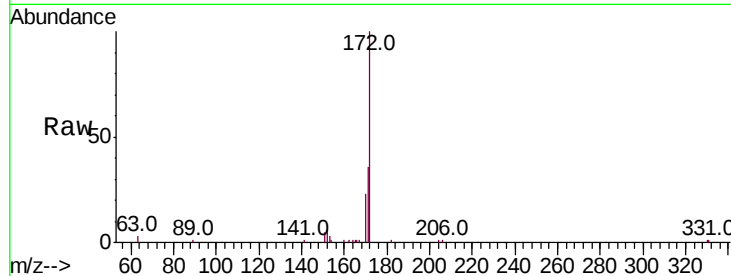
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004892.D
Acq: 22 Mar 2019 20:12

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.5	18.7	28.1

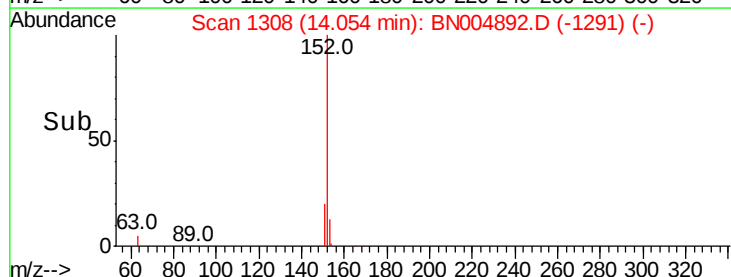
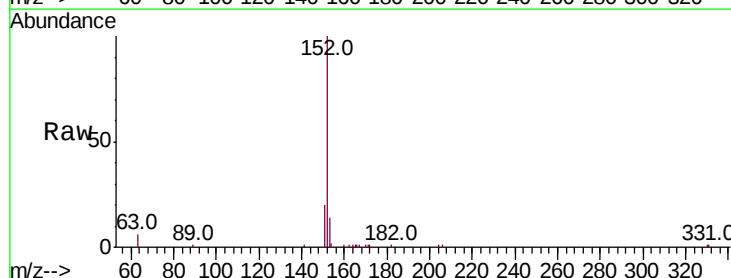
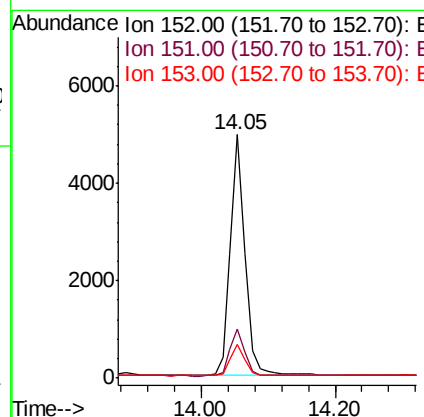
Manual Integrations
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#16
Acenaphthylene
Concen: 0.304 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004892.D
Acq: 22 Mar 2019 20:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.1	10.5	15.7





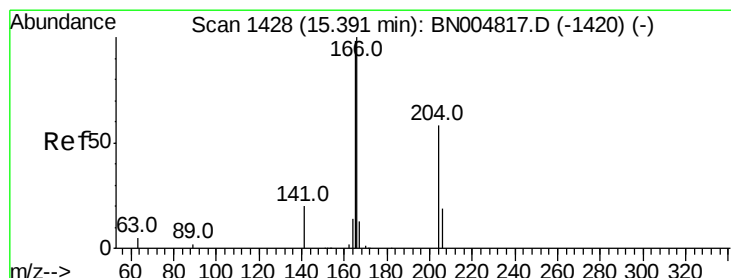
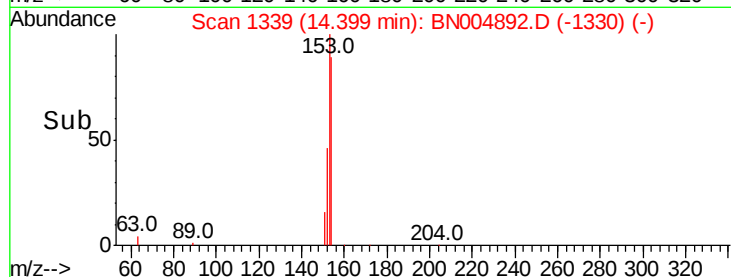
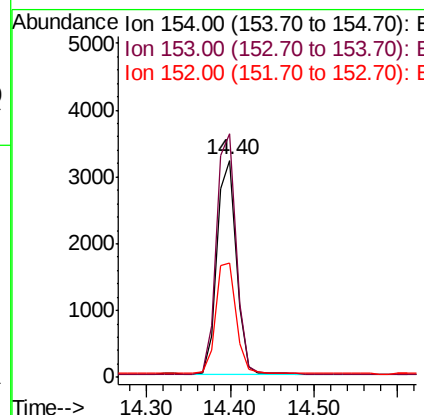
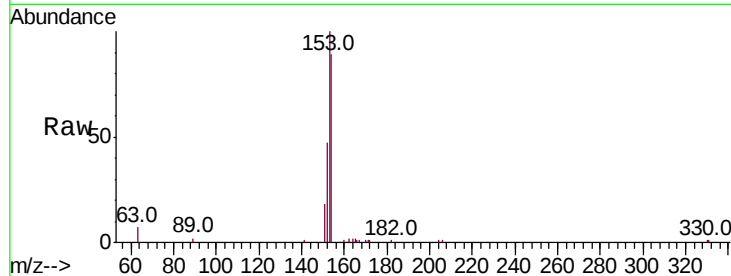
#17
Acenaphthene
Concen: 0.313 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004892.D
Acq: 22 Mar 2019 20:12

Instrument :
BNA_N
ClientSampled :
PB117788BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.4	137.2
152	54.9	44.2	66.2

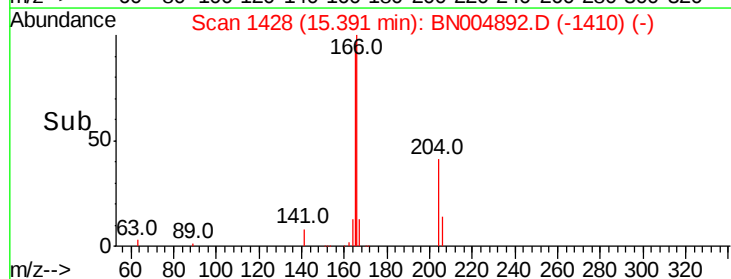
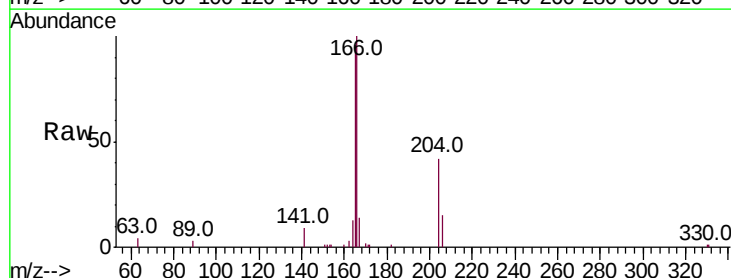
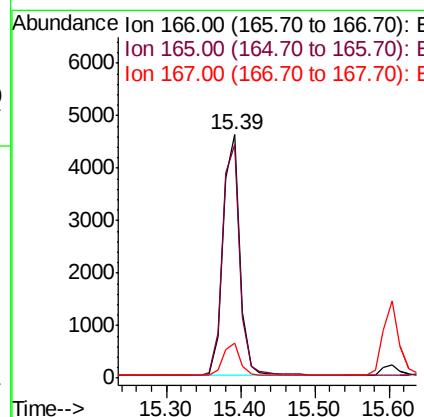
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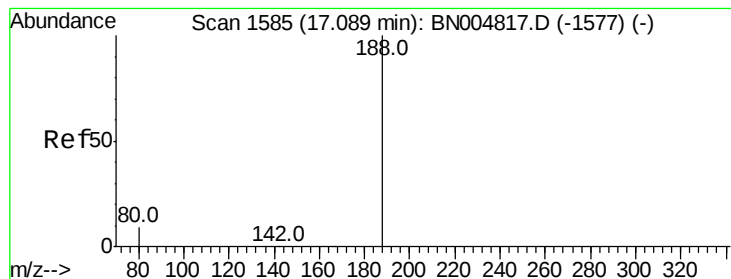
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#18
Fluorene
Concen: 0.312 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004892.D
Acq: 22 Mar 2019 20:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	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: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

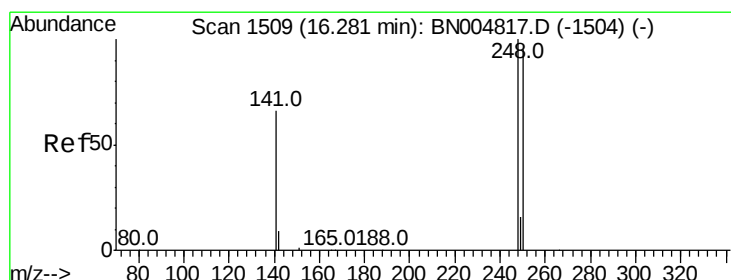
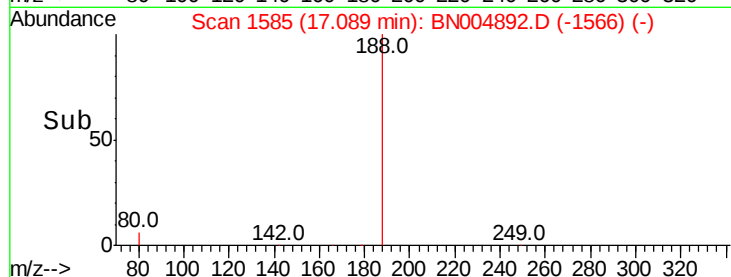
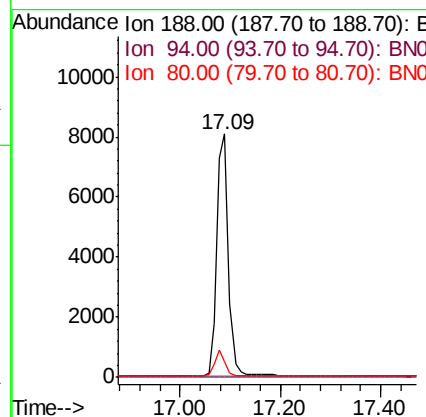
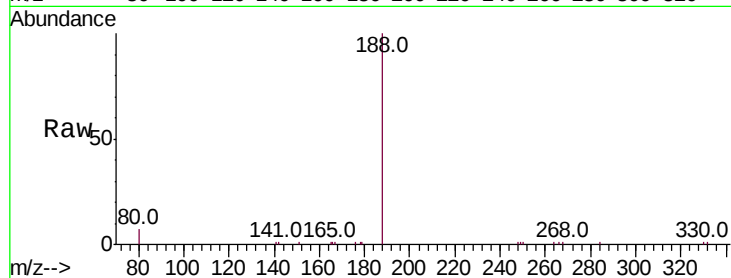
ClientSampled :

PB117788BS

Tot Ion:	188	Resp:	13085
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.7	7.4	11.2#

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#20

4-Bromophenyl-phenylether

Concen: 0.300 ng

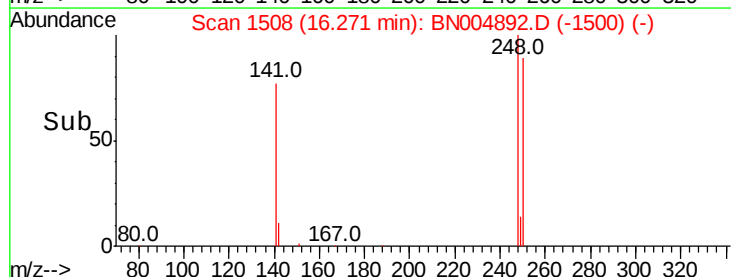
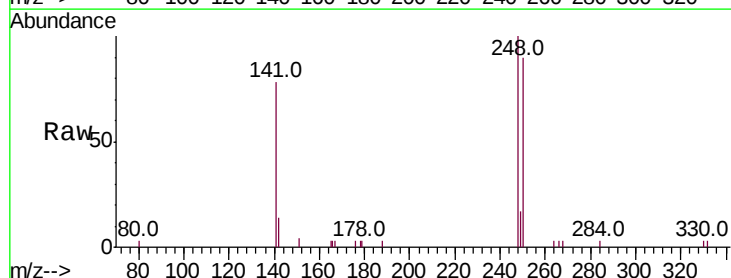
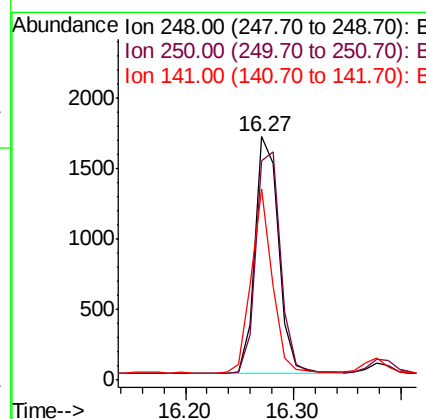
RT: 16.27 min Scan# 1508

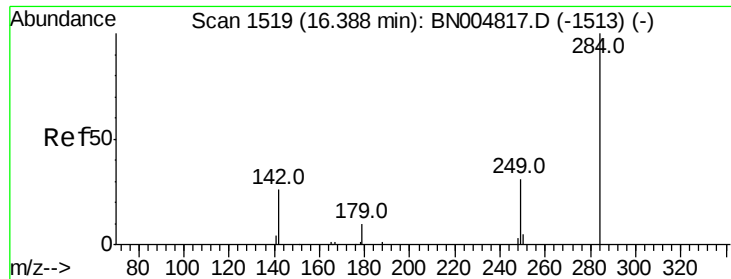
Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Tgt Ion:	248	Resp:	2563
Ion Ratio	Lower	Upper	
248	100		
250	89.9	76.2	114.4
141	78.4	53.9	80.9





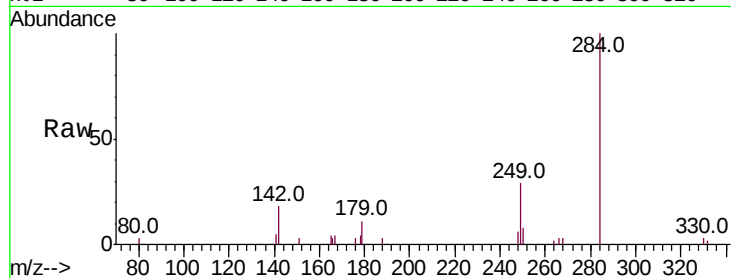
#21
Hexachlorobenzene
Concen: 0.276 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004892.D
Acq: 22 Mar 2019 20:12

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.0	22.6	34.0
249	30.5	22.5	33.7

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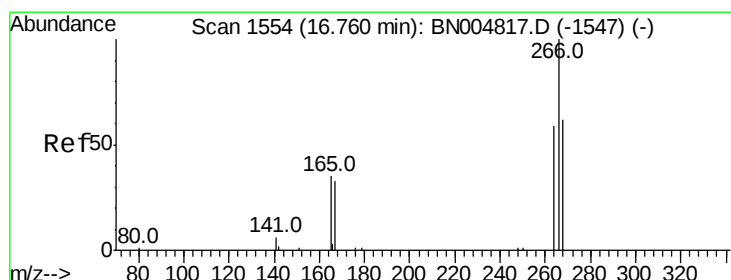
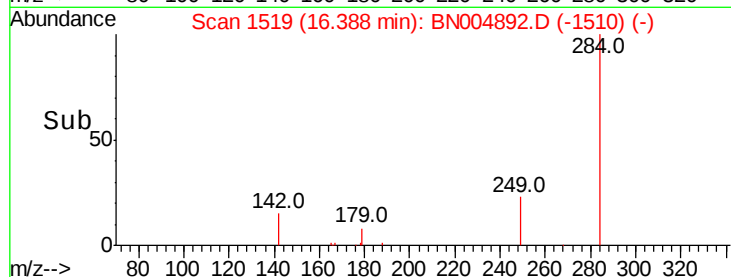
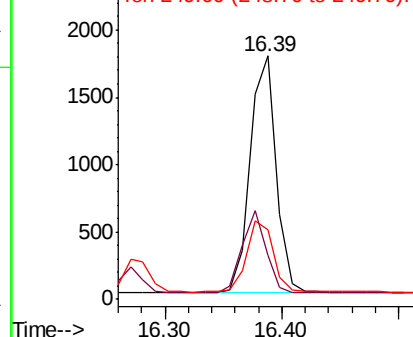


Abundance

Ion 283.80 (283.50 to 284.50): E

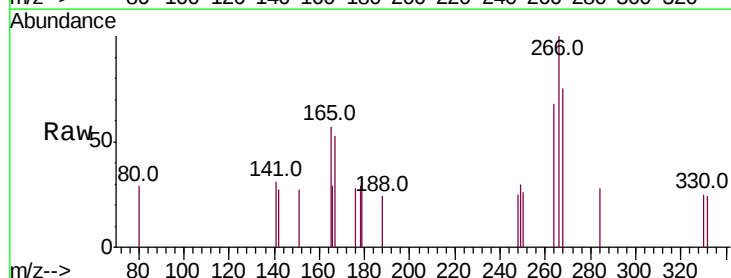
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.314 ng m
RT: 16.77 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BN004892.D
Acq: 22 Mar 2019 20:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.9	53.1	79.7
268	74.9	57.7	86.5

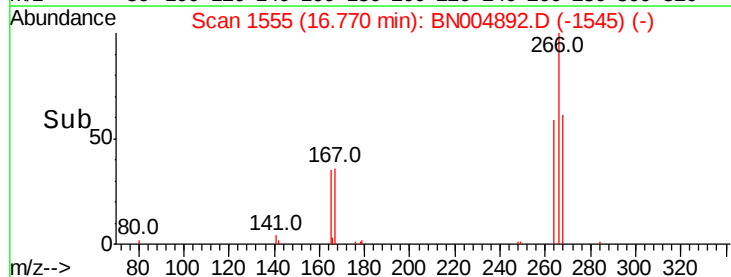
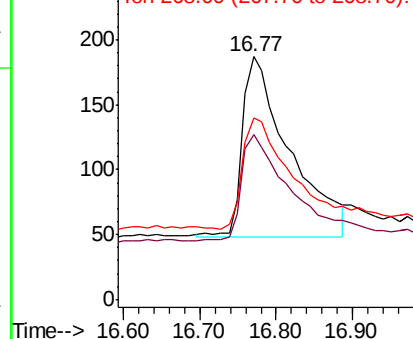


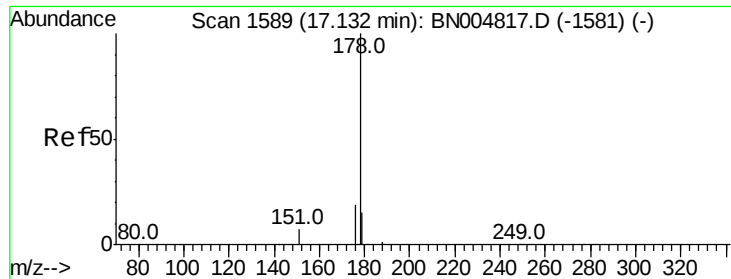
Abundance

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: 0.308 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

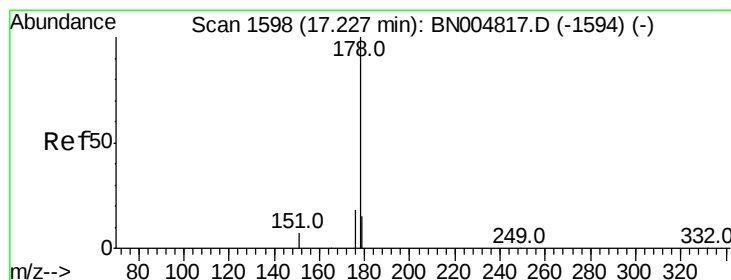
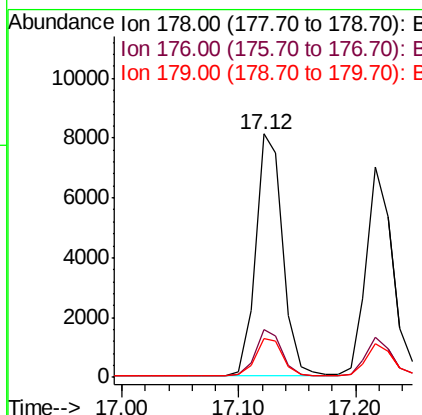
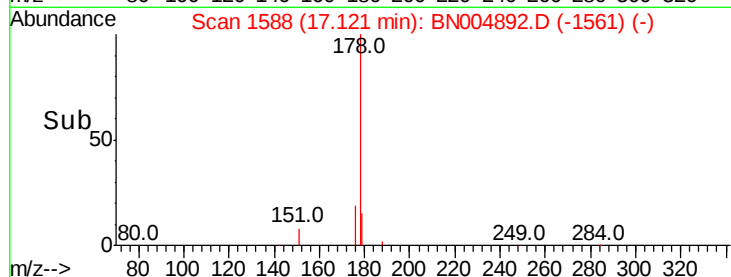
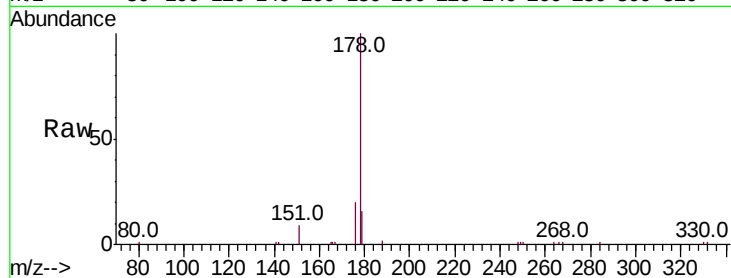
ClientSampled :

PB117788BS

Tot Ion:178	Resp:	13025
Ion Ratio	Lower	Upper
178	100	
176	18.7	14.9 22.3
179	15.5	12.1 18.1

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#24

Anthracene

Concen: 0.298 ng

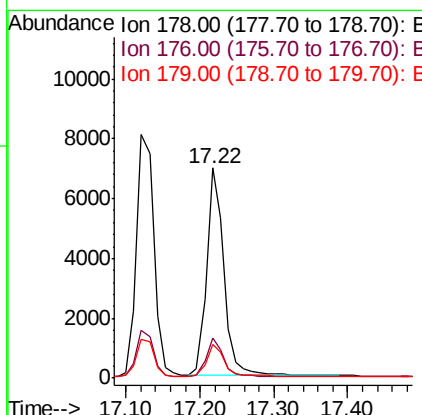
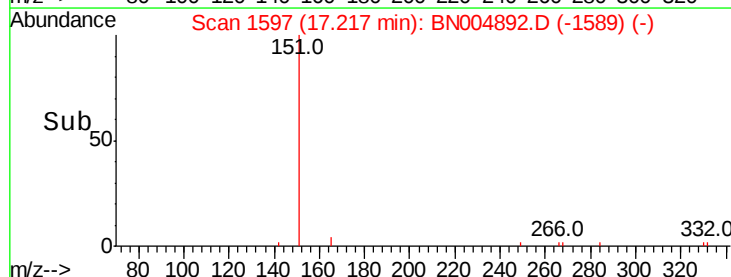
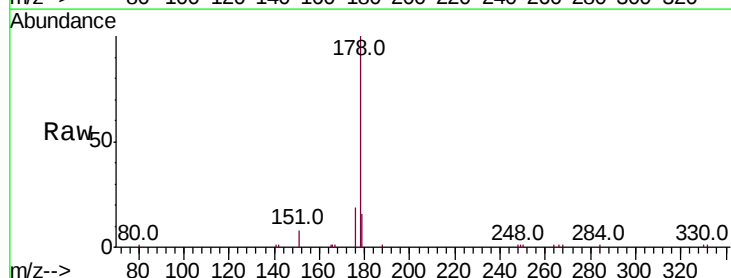
RT: 17.22 min Scan# 1597

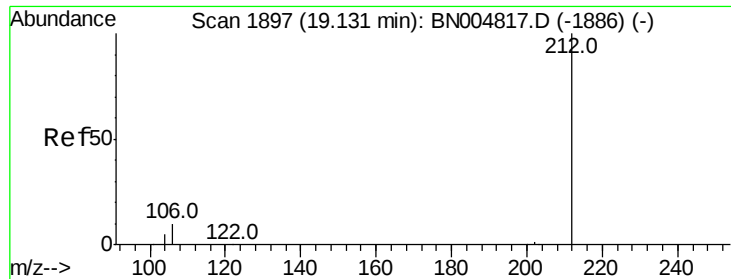
Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Tgt Ion:178	Resp:	11256
Ion Ratio	Lower	Upper
178	100	
176	18.4	14.5 21.7
179	15.3	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.313 ng

RT: 19.12 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

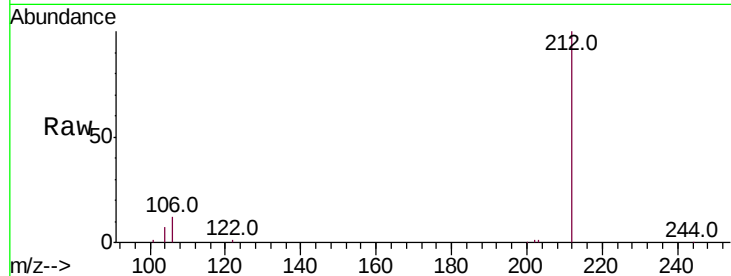
ClientSampleId :

PB117788BS

Tot Ion	Ratio	Lower	Upper
212	100		
106	11.3	8.6	13.0
104	6.3	4.7	7.1

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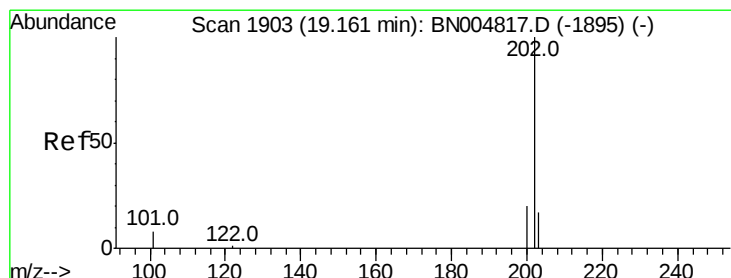
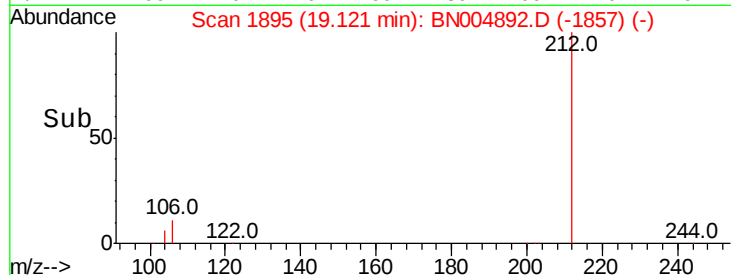
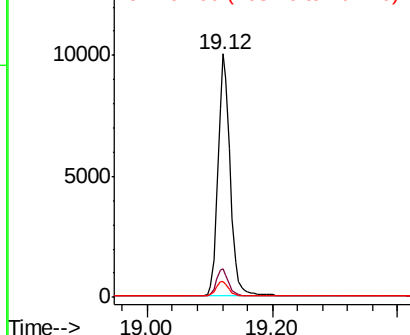
Sohil
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Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.300 ng

RT: 19.16 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BN004892.D

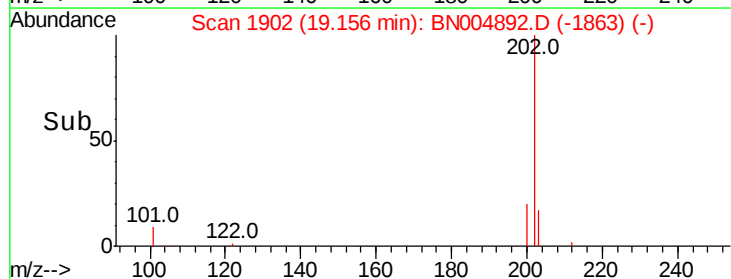
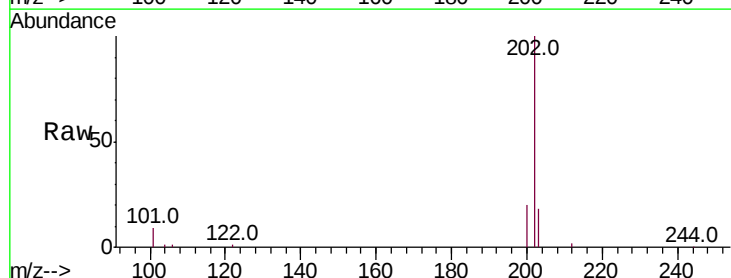
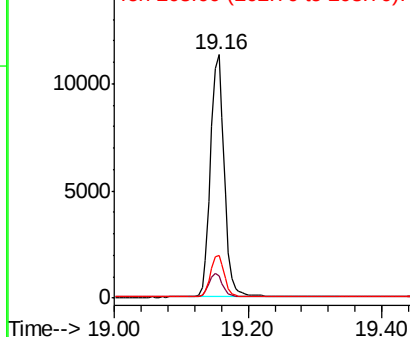
Acq: 22 Mar 2019 20:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.5	11.3
203	17.3	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: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

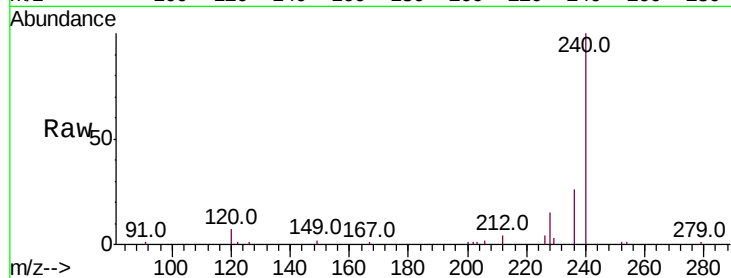
ClientSampleId :

PB117788BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	7.2	10.8#
236	25.8	20.9	31.3

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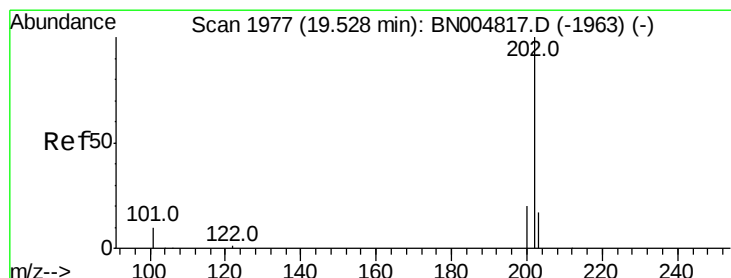
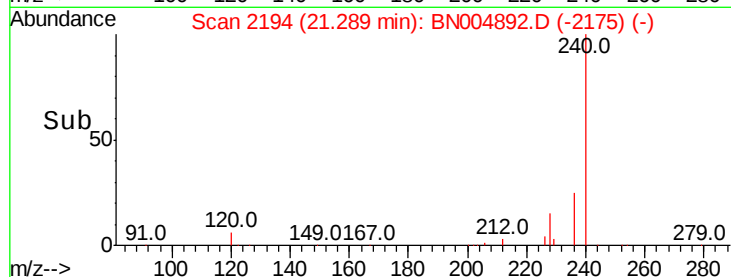
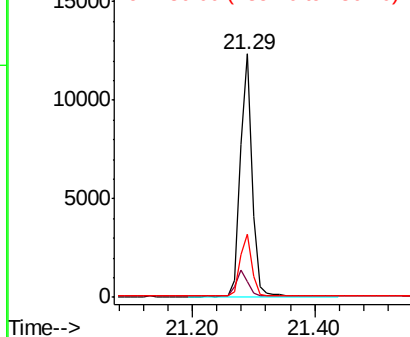


Abundance

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: 0.330 ng

RT: 19.52 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

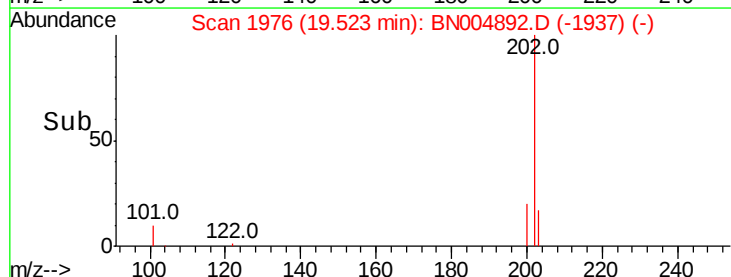
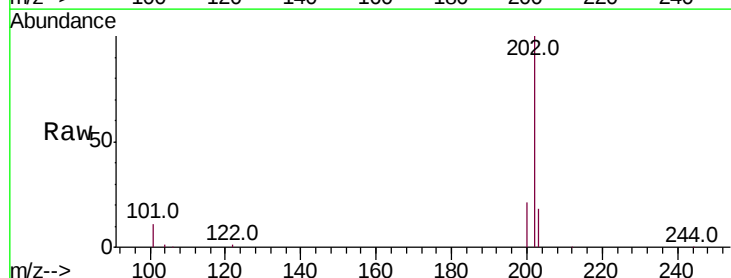
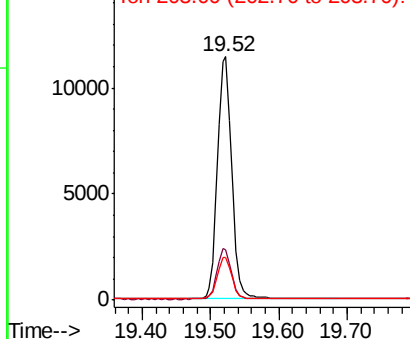
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.9	14.0	21.0

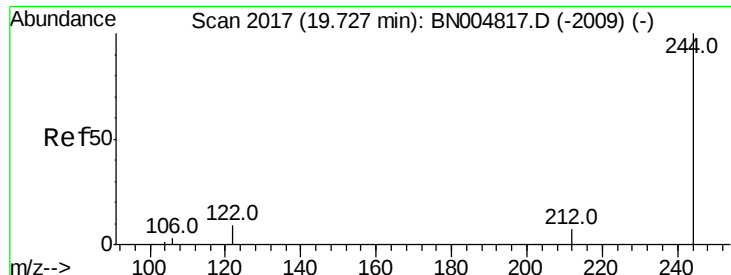
Abundance

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: 0.340 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

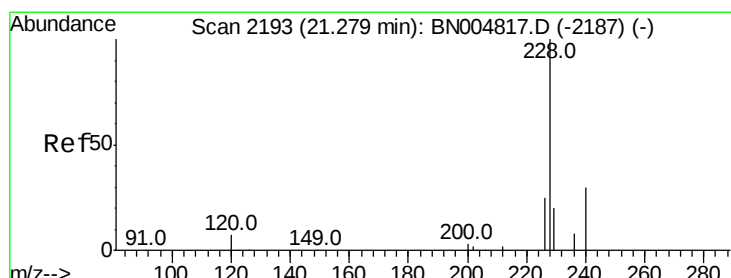
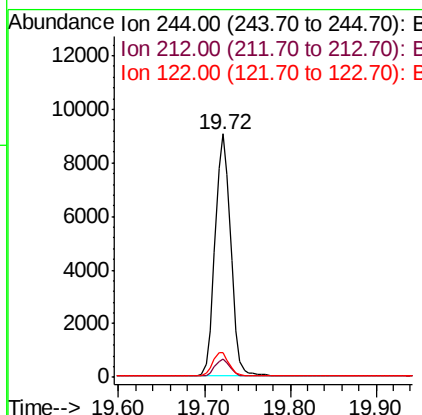
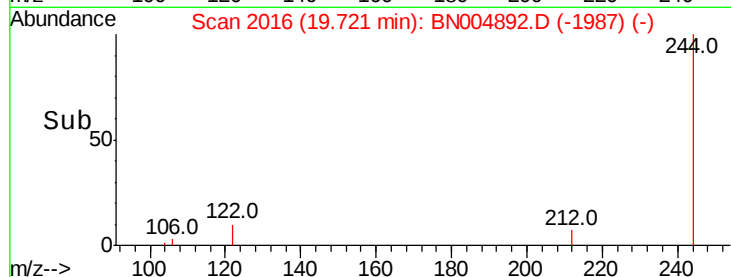
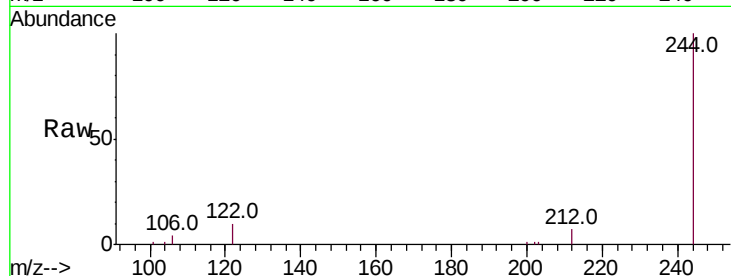
ClientSampleId :

PB117788BS

Tot Ion:	244	Resp:	11501
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.6
122	10.2	7.9	11.9

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#30

Benzo(a)anthracene

Concen: 0.308 ng

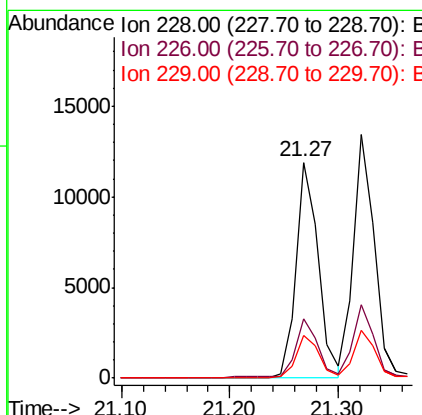
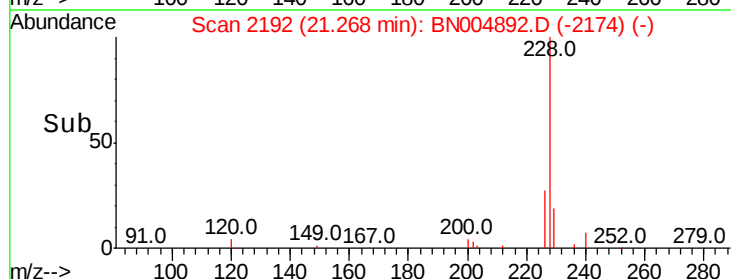
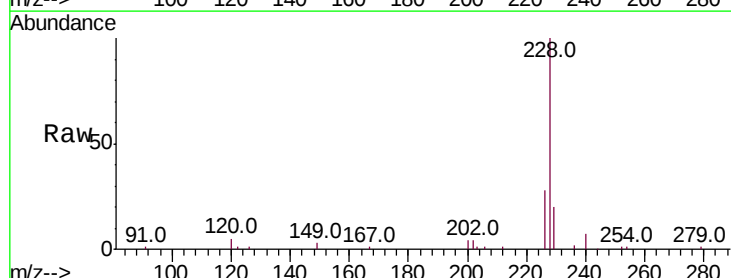
RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Tgt Ion:	228	Resp:	16675
Ion Ratio	Lower	Upper	
228	100		
226	27.6	20.6	31.0
229	19.7	16.2	24.4





#31

Chrysene

Concen: 0.315 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

ClientSampleId :

PB117788BS

Tot Ion:228 Resp: 17949

Ion Ratio Lower Upper

228 100

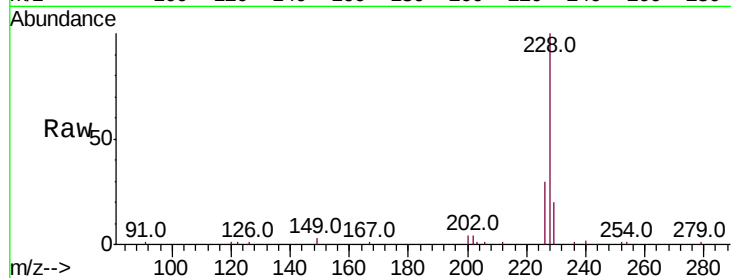
226 29.9 23.0 34.6

229 19.9 16.2 24.2

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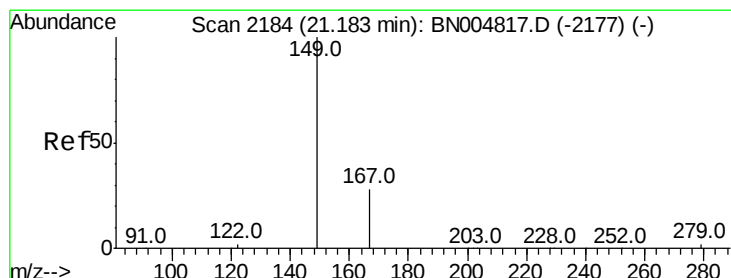
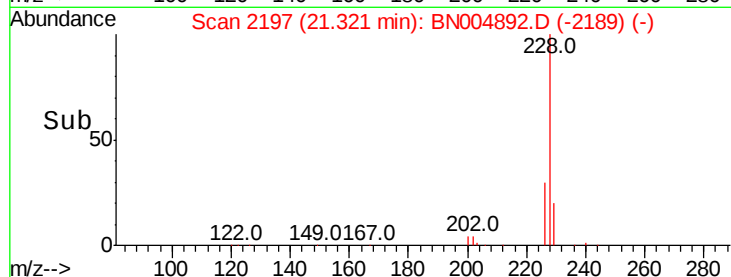
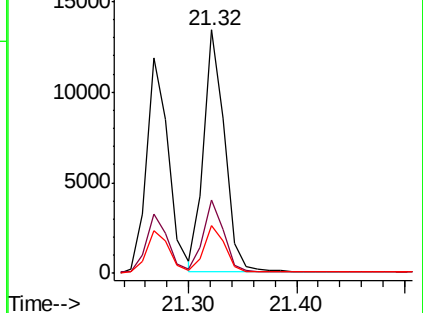
3/25/2019 8:57:27 AM



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: 0.260 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

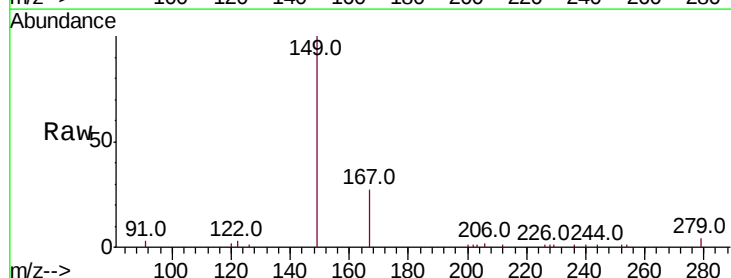
Tgt Ion:149 Resp: 5630

Ion Ratio Lower Upper

149 100

167 27.0 23.0 34.4

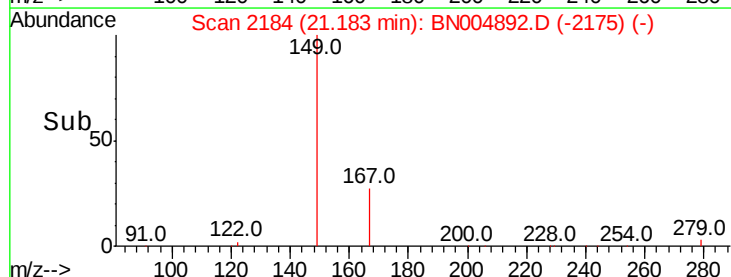
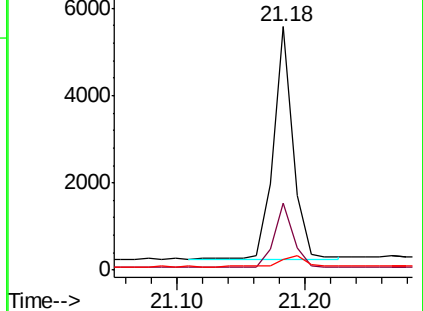
279 5.3 4.6 6.8

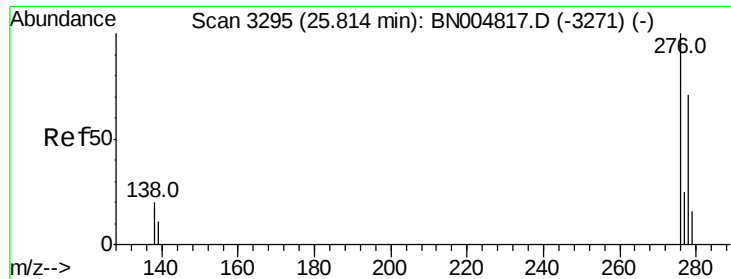


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





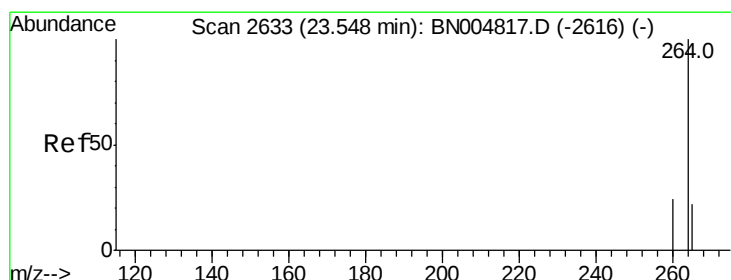
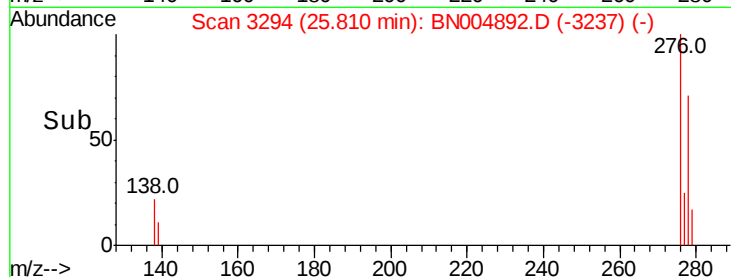
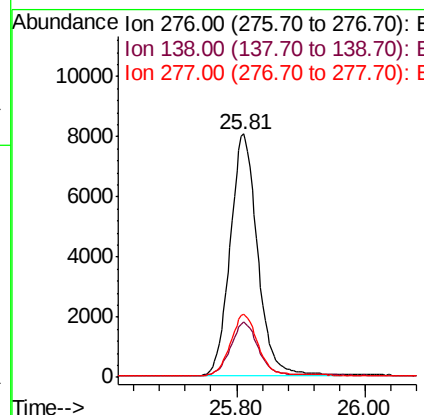
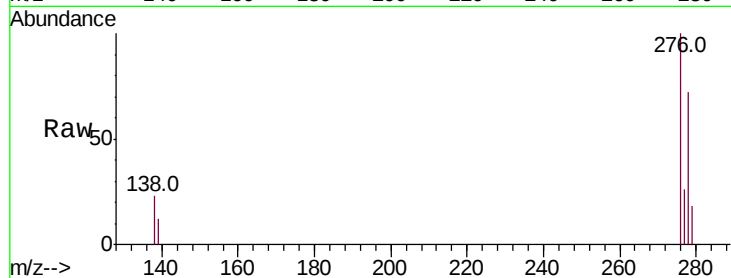
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.289 ng
 RT: 25.81 min Scan# 3294
 Delta R.T. -0.00 min
 Lab File: BN004892.D
 Acq: 22 Mar 2019 20:12

Instrument :
 BNA_N
 ClientSampleId :
 PB117788BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	16.6	24.8
277	25.2	20.3	30.5

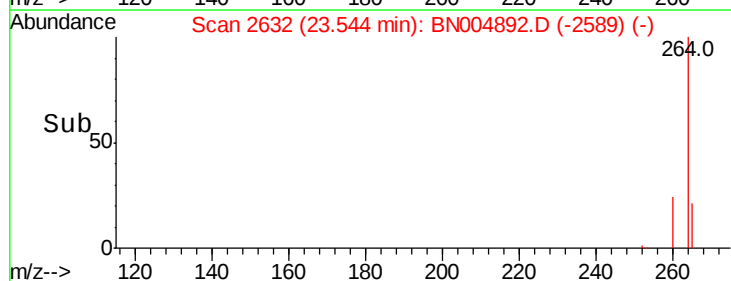
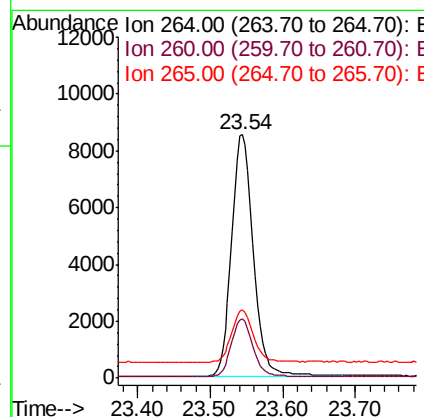
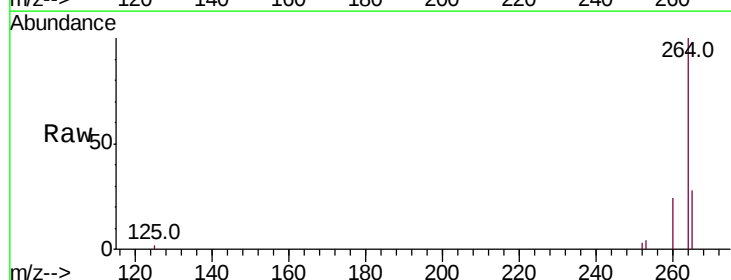
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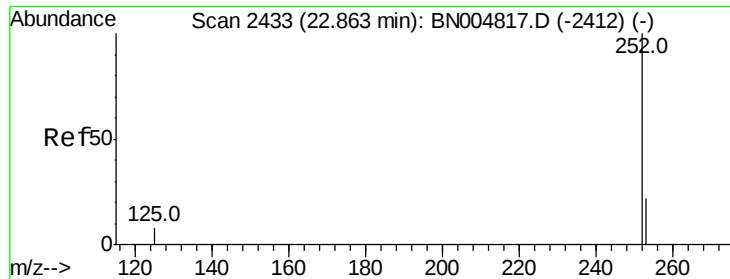
Sohil
 3/25/2019 8:57:27 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2632
 Delta R.T. -0.00 min
 Lab File: BN004892.D
 Acq: 22 Mar 2019 20:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	27.8	23.1	34.7





#35

Benzo(b)fluoranthene

Concen: 0.309 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

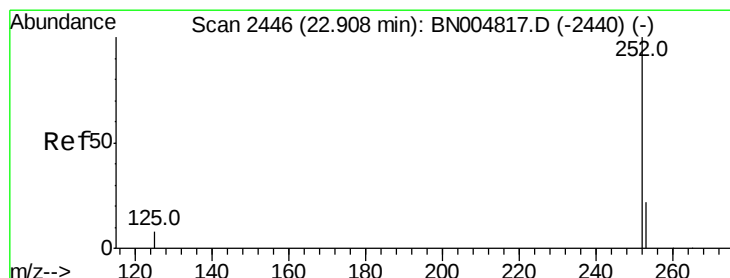
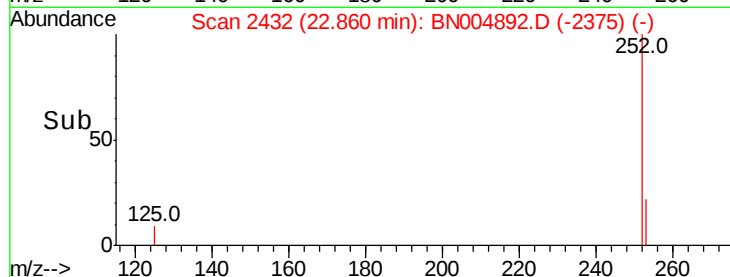
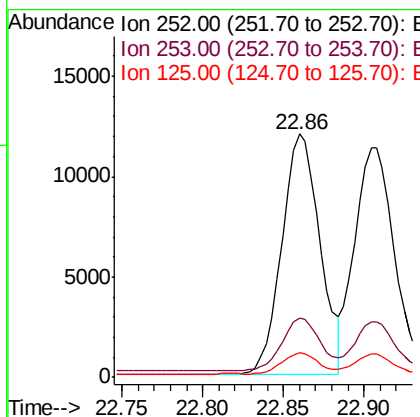
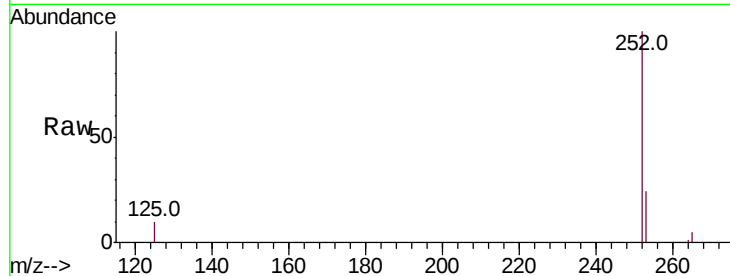
ClientSampleId :

PB117788BS

Tot Ion:252	Resp:	19689
Ion Ratio	Lower	Upper
252	100	
253	24.3	19.0 28.4
125	10.1	7.4 11.2

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#36

Benzo(k)fluoranthene

Concen: 0.316 ng

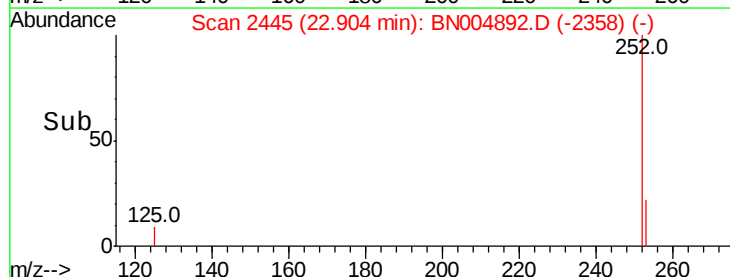
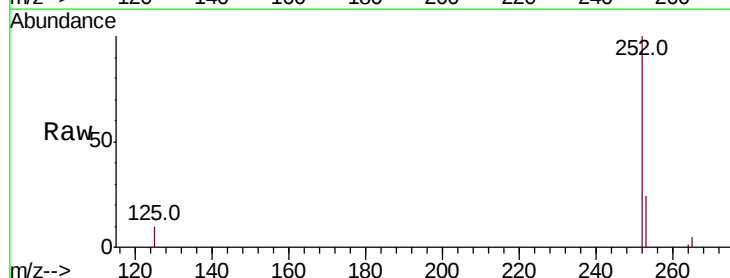
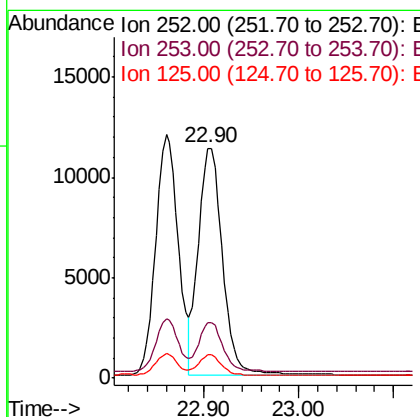
RT: 22.90 min Scan# 2445

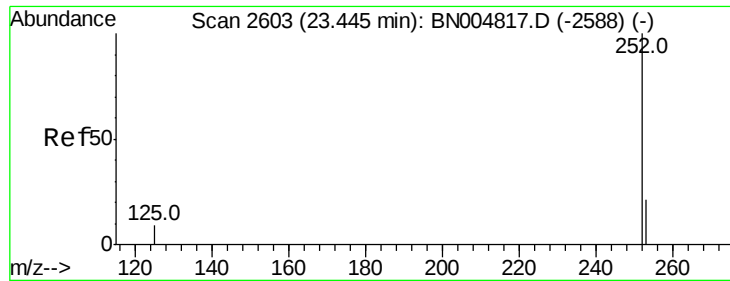
Delta R.T. -0.00 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Tgt Ion:252	Resp:	19770
Ion Ratio	Lower	Upper
252	100	
253	24.2	19.3 28.9
125	10.1	7.4 11.0





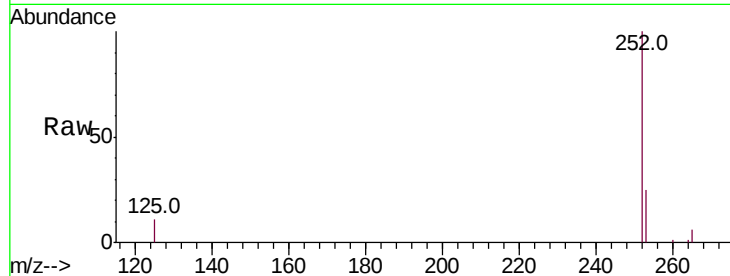
#37
Benzo(a)pyrene
Concen: 0.313 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004892.D
Acq: 22 Mar 2019 20:12

Instrument :
BNA_N
ClientSampleId :
PB117788BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.7	29.5
125	10.9	8.3	12.5

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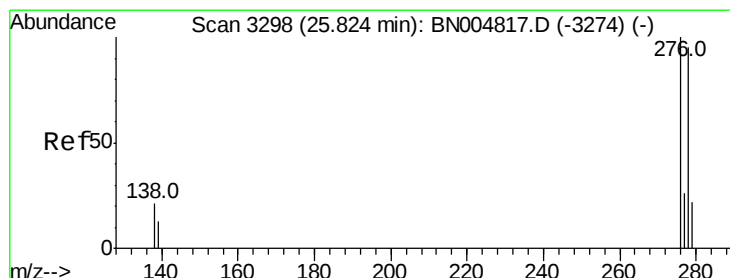
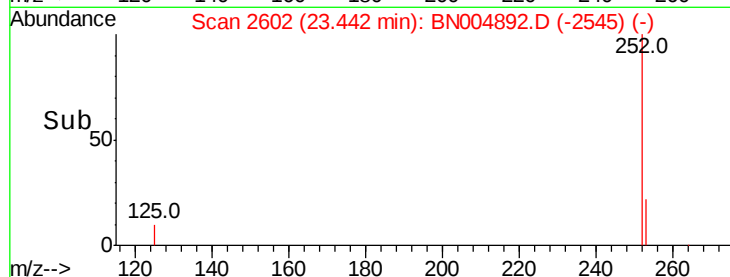
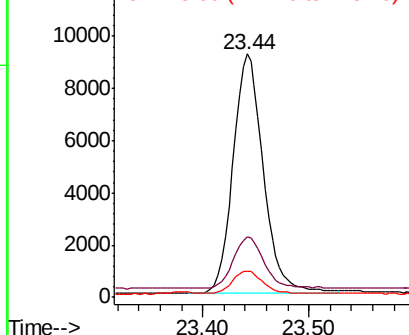


Abundance

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: 0.294 ng
RT: 25.82 min Scan# 3297
Delta R.T. -0.00 min
Lab File: BN004892.D
Acq: 22 Mar 2019 20:12

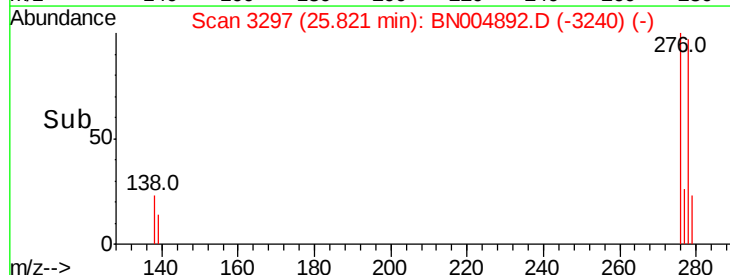
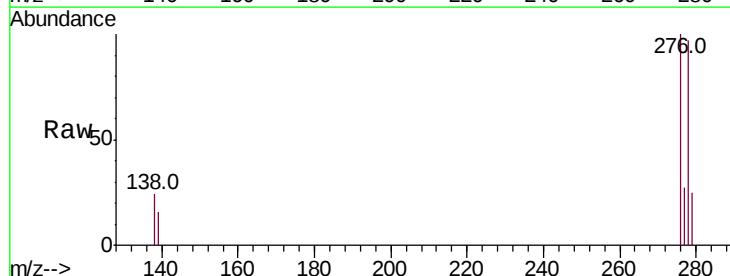
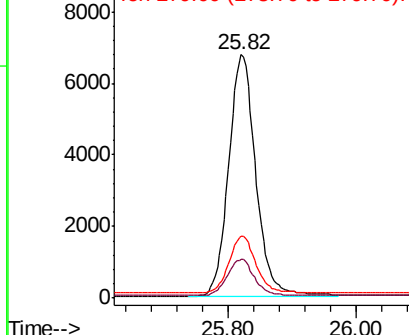
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.7	17.5
279	25.5	19.9	29.9

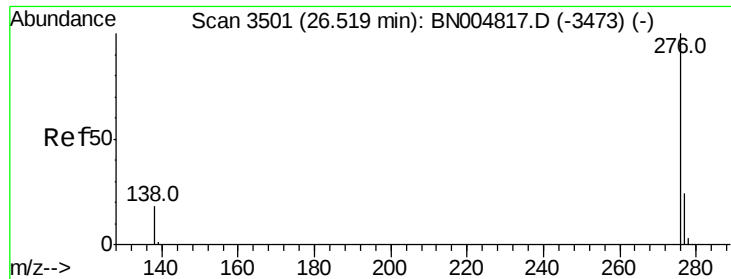
Abundance

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: 0.300 ng

RT: 26.51 min Scan# 3499

Delta R.T. -0.01 min

Lab File: BN004892.D

Acq: 22 Mar 2019 20:12

Instrument :

BNA_N

ClientSampleId :

PB117788BS

Tot Ion:	276	Resp:	20658
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.7	29.5
138	20.0	14.6	22.0

Manual Integrations
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