

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004855.D
 Acq On : 21 Mar 2019 18:13
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

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 3/22/2019 7:16:21 PM

Quant Time: Mar 22 02:33:54 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	1676	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	7678	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	4977	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	12720	0.40	ng	0.00
27) Chrysene-d12	21.29	240	17106	0.40	ng	0.00
34) Perylene-d12	23.54	264	19364	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1737	0.38	ng	0.00
5) Phenol-d6	6.88	99	2228	0.39	ng	0.00
8) Nitrobenzene-d5	8.87	82	1837	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	5433	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1160	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	8367	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	16388	0.38	ng	0.00
29) Terphenyl-d14	19.73	244	13925	0.40	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.24	88	659	0.346 ng	93
3) n-Nitrosodimethylamine	3.59	42	421m	0.374 ng	
6) bis(2-Chloroethyl)ether	7.14	93	2006	0.392 ng	97
9) Naphthalene	10.53	128	8708	0.404 ng	99
10) Hexachlorobutadiene	10.80	225	1658	0.404 ng	# 99
12) 2-Methylnaphthalene	12.15	142	6534	0.409 ng	100
16) Acenaphthylene	14.07	152	10073	0.393 ng	100
17) Acenaphthene	14.40	154	6941	0.413 ng	99
18) Fluorene	15.39	166	9462	0.404 ng	99
20) 4-Bromophenyl-phenylether	16.28	248	3325	0.400 ng	96
21) Hexachlorobenzene	16.39	284	3864	0.406 ng	98
22) Pentachlorophenol	16.77	266	343m	0.184 ng	
23) Phenanthrene	17.13	178	16534	0.403 ng	99
24) Anthracene	17.23	178	14269	0.389 ng	100
26) Fluoranthene	19.16	202	20711	0.392 ng	100
28) Pyrene	19.52	202	21355	0.409 ng	100
30) Benzo(a)anthracene	21.28	228	22428	0.400 ng	99
31) Chrysene	21.33	228	24599	0.416 ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	8821	0.394 ng	99
33) Indeno(1,2,3-cd)pyrene	25.81	276	34250	0.401 ng	100
35) Benzo(b)fluoranthene	22.86	252	28286	0.404 ng	100
36) Benzo(k)fluoranthene	22.91	252	27867	0.404 ng	99
37) Benzo(a)pyrene	23.45	252	25721	0.400 ng	99
38) Dibenzo(a,h)anthracene	25.82	278	28116	0.378 ng	99
39) Benzo(g,h,i)perylene	26.52	276	28246	0.372 ng	99

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

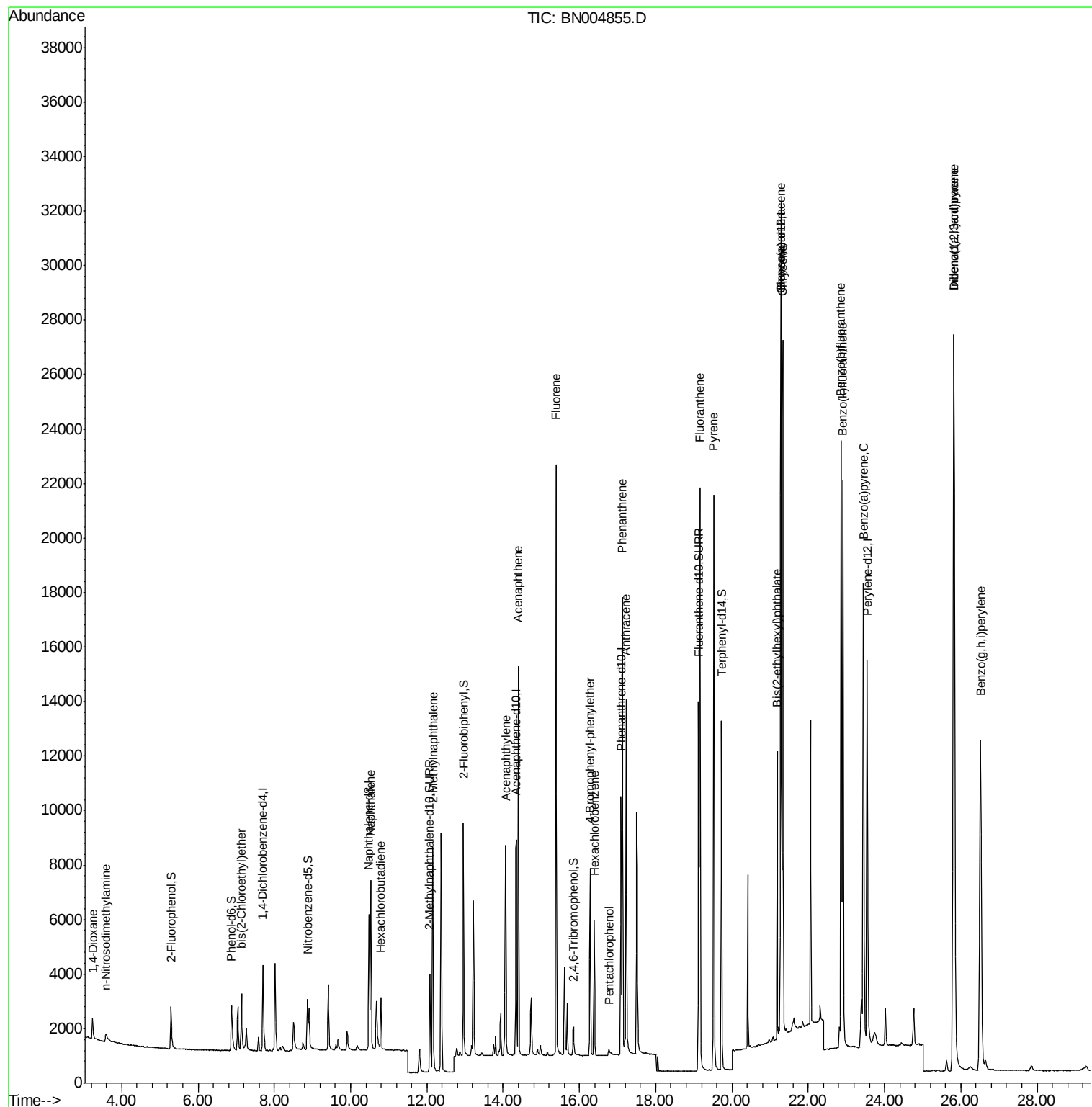
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
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QLast Update : Wed Mar 20 16:06:20 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

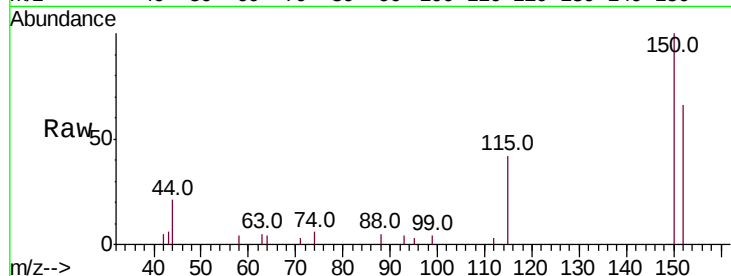
ClientSampleId :

SSTDCCC0.4

Tot Ion:	152	Resp:	1676
Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.2	189.4
115	63.0	52.6	79.0

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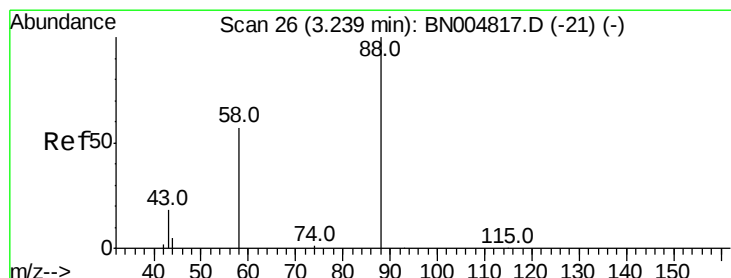
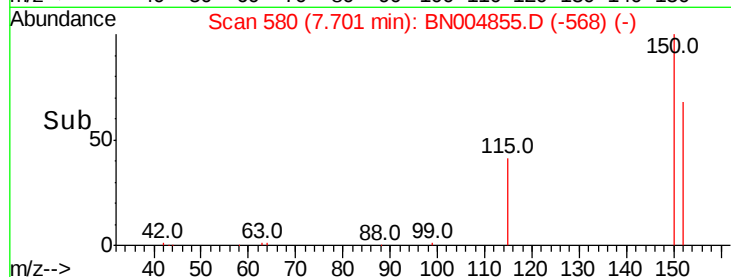
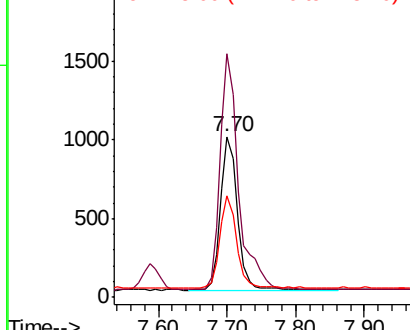


Abundance

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: 0.346 ng

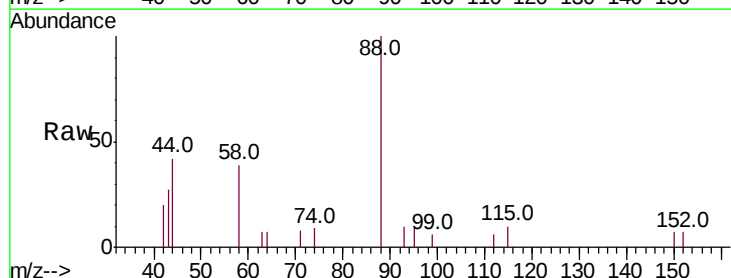
RT: 3.24 min Scan# 26

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Tgt Ion:	88	Resp:	659
Ion	Ratio	Lower	Upper
88	100		
58	71.2	51.4	77.2
43	25.6	20.0	30.0

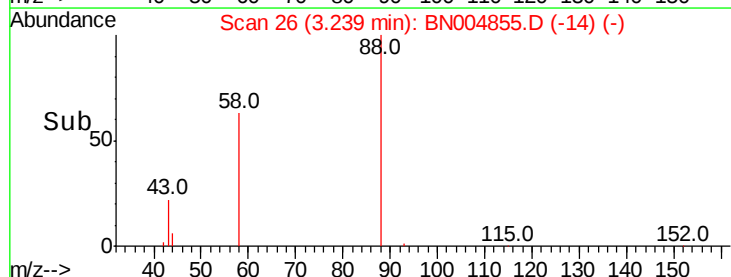
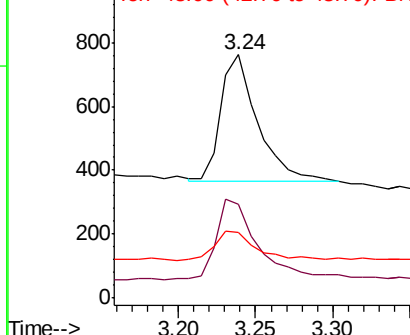


Abundance

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

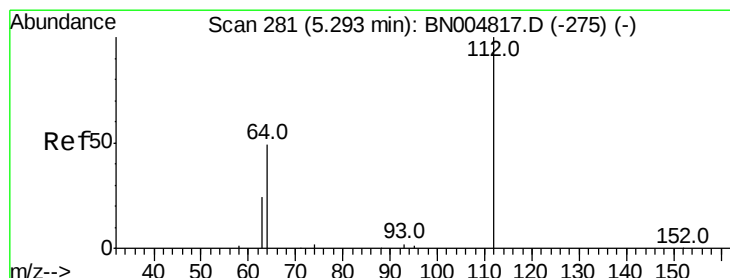
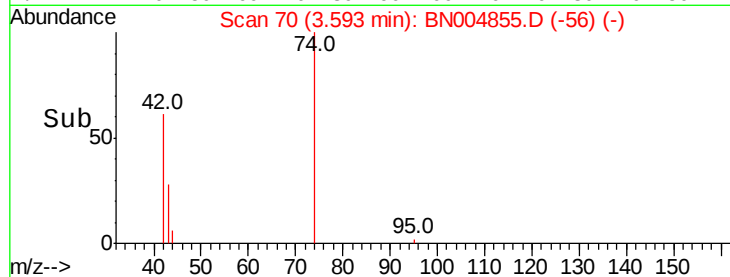
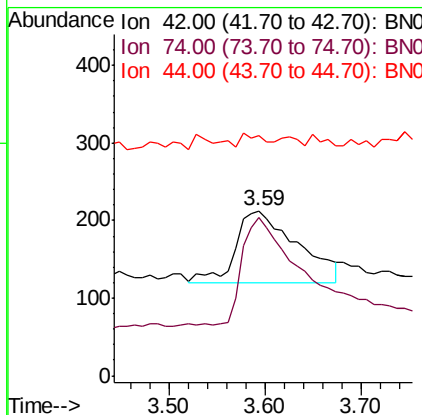
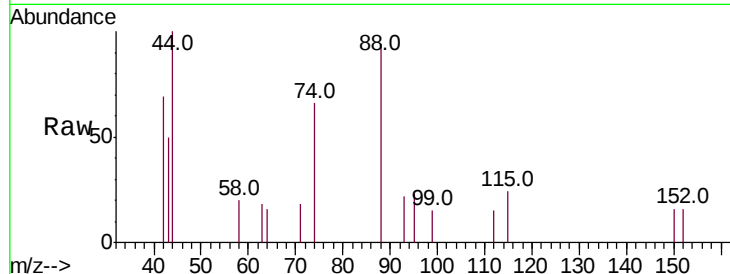
n-Nitrosodimethylamine
Concen: 0.374 ng/ml
RT: 3.59 min Scan# 70
Delta R.T. 0.02 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	111.4	128.4	192.6#
44	6.7	6.1	9.1

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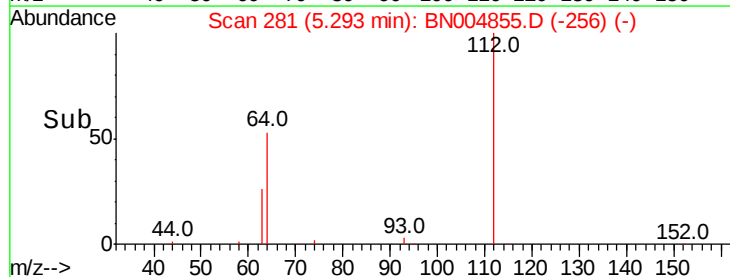
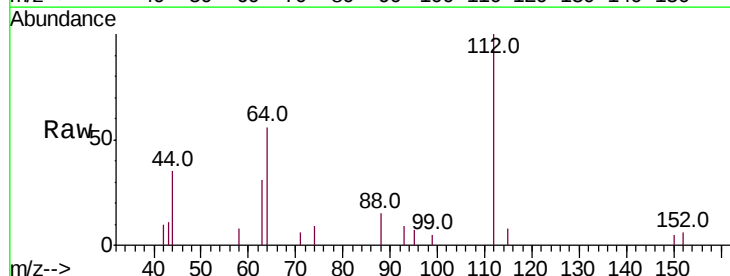
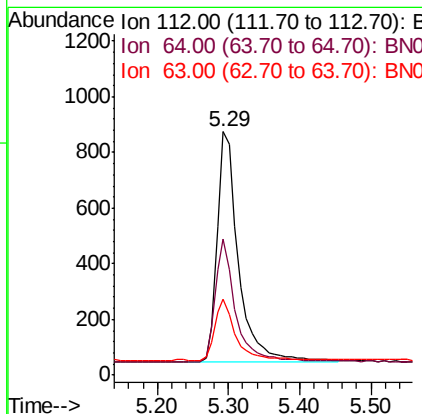
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#4

2-Fluorophenol
Concen: 0.381 ng/ml
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	40.0	60.0
63	24.8	20.2	30.2





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

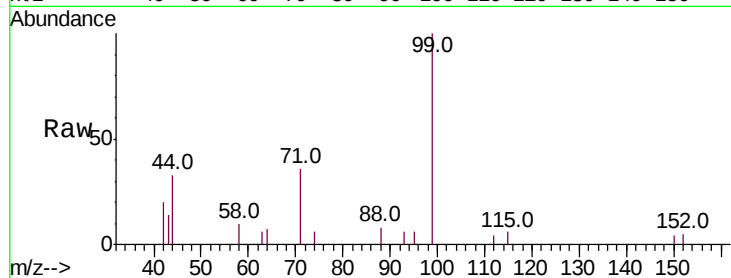
ClientSampleId :

SSTDCCC0.4

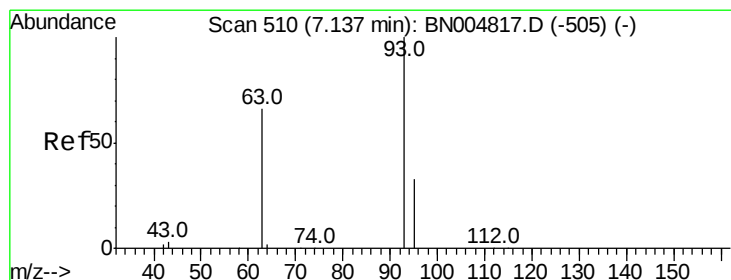
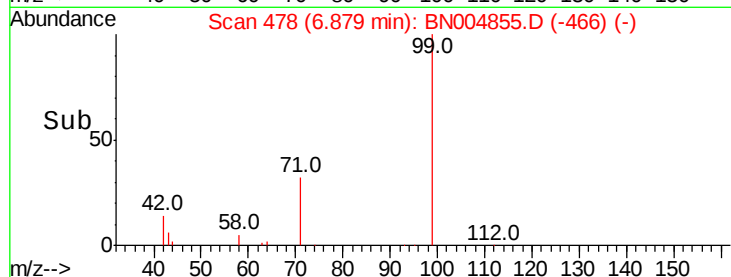
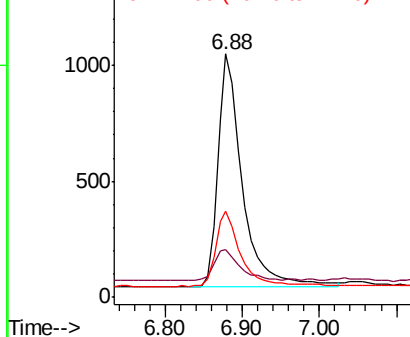
Tot Ion:	99	Resp:	2228
Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.7	19.1
71	33.3	26.6	40.0

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Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

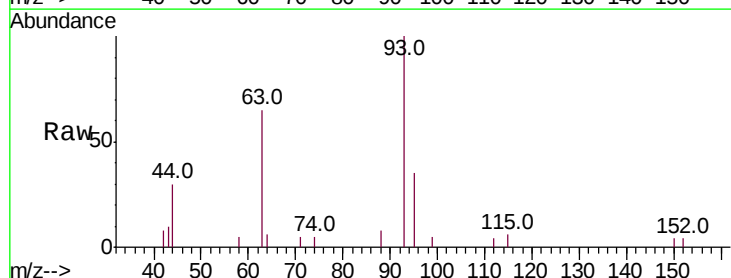
RT: 7.14 min Scan# 510

Delta R.T. -0.00 min

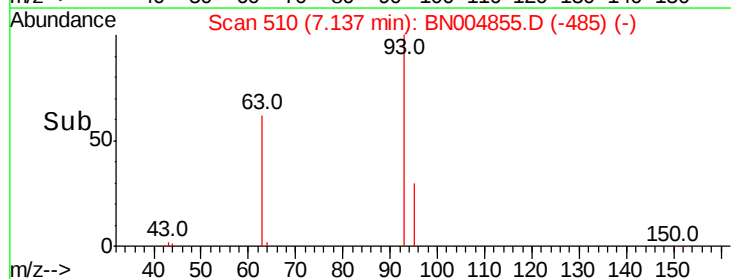
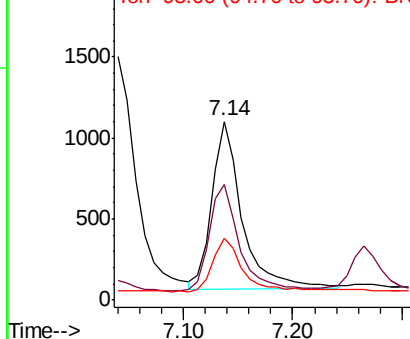
Lab File: BN004855.D

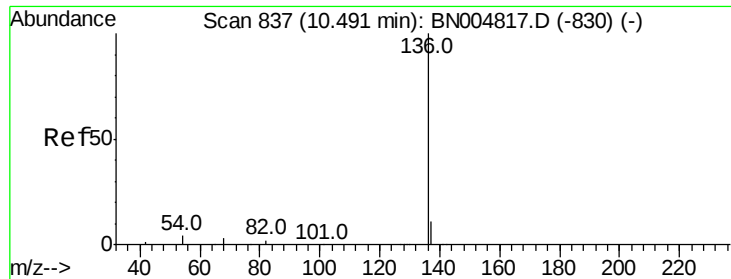
Acq: 21 Mar 2019 18:13

Tgt Ion:	93	Resp:	2006
Ion	Ratio	Lower	Upper
93	100		
63	62.8	52.6	78.8
95	31.3	25.9	38.9



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

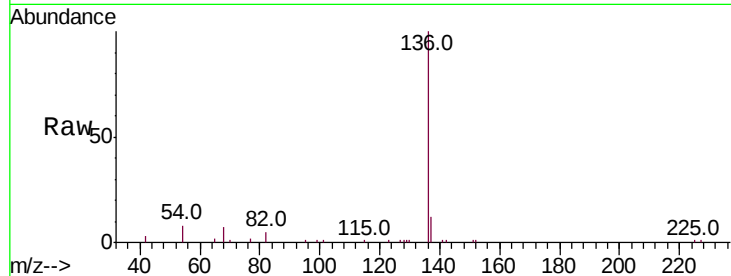
ClientSampleId :

SSTDCCC0.4

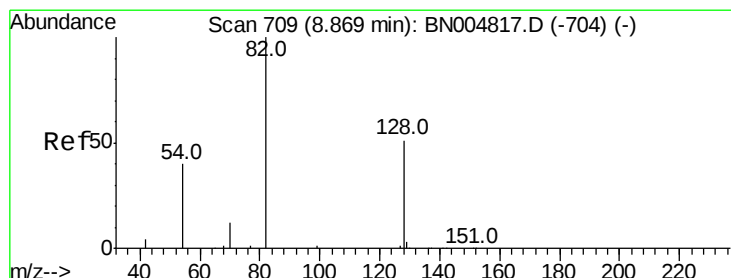
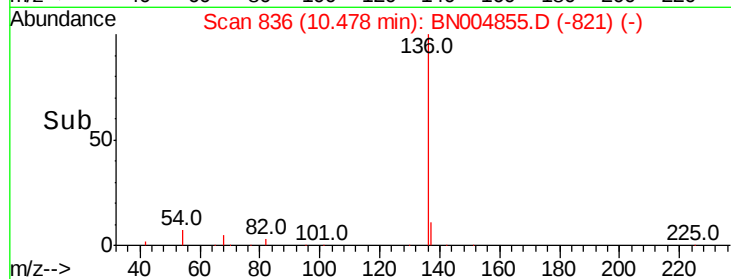
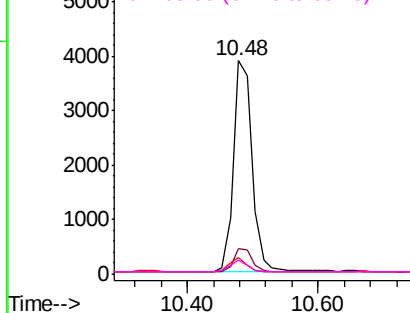
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	8.0	4.2	6.2#
68	6.6	3.9	5.9#

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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: 0.362 ng

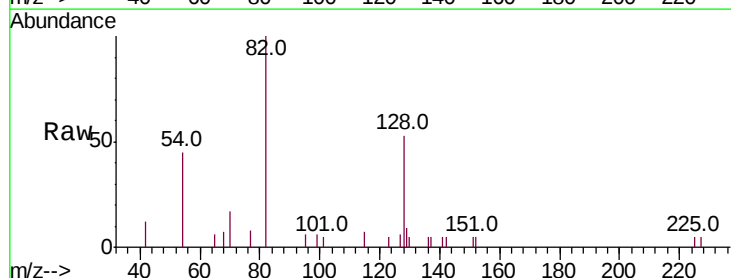
RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

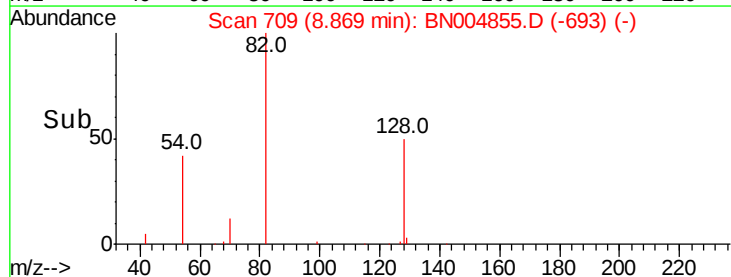
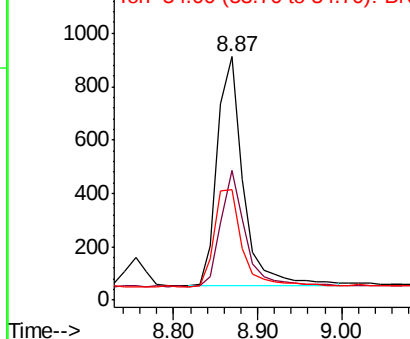
Lab File: BN004855.D

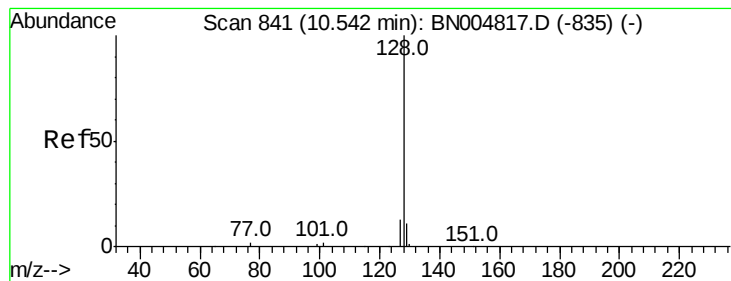
Acq: 21 Mar 2019 18:13

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.2	43.0	64.6
54	45.4	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: 0.404 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

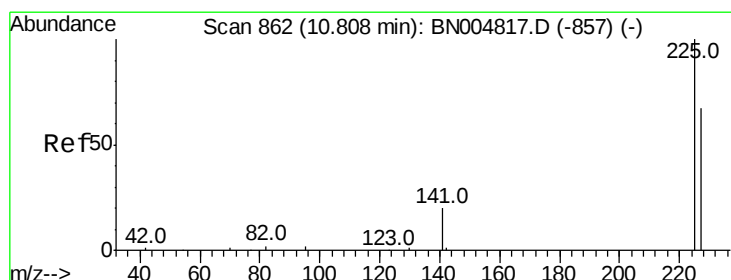
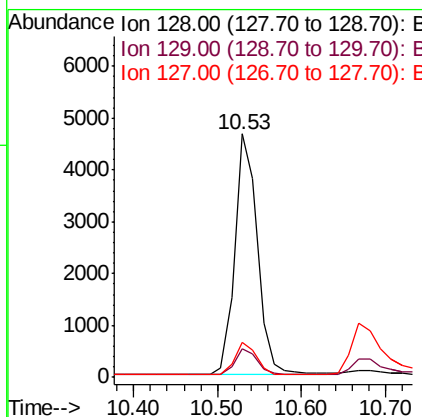
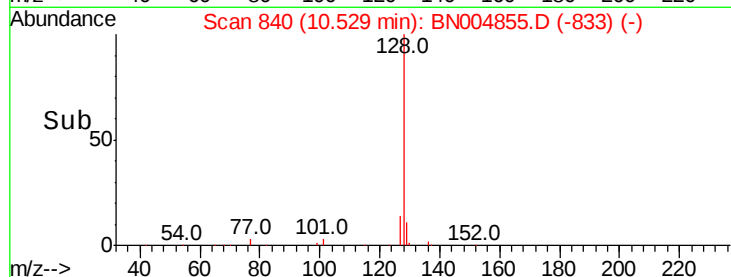
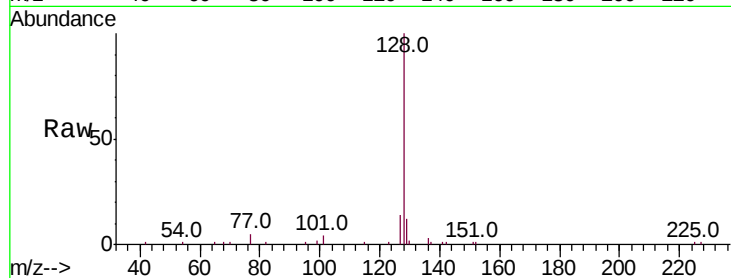
ClientSampleId :

SSTDCCC0.4

Tot Ion:128	Resp:	8708
Ion Ratio	Lower	Upper
128 100		
129 11.7	9.9	14.9
127 14.4	11.3	16.9

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.404 ng

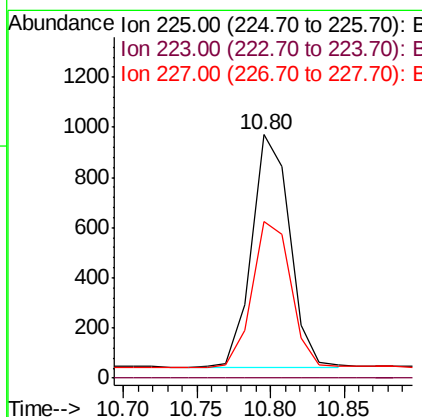
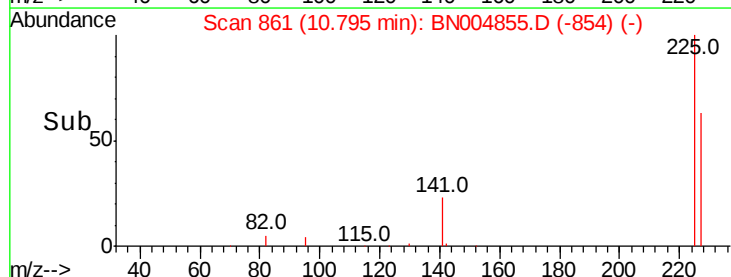
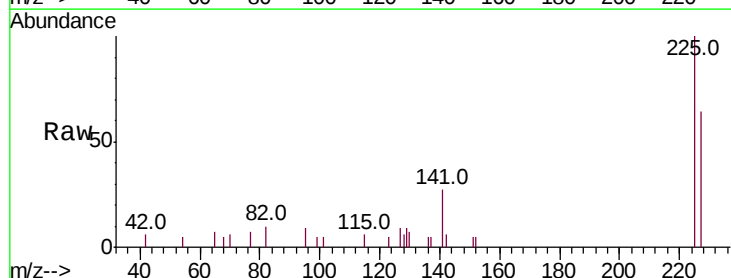
RT: 10.80 min Scan# 861

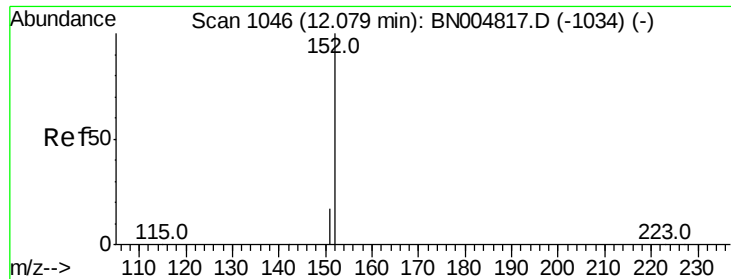
Delta R.T. -0.01 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Tgt Ion:225	Resp:	1658
Ion Ratio	Lower	Upper
225 100		
223 0.0	0.0	0.0
227 64.2	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.08 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:152 Resp: 5433

Ion Ratio Lower Upper

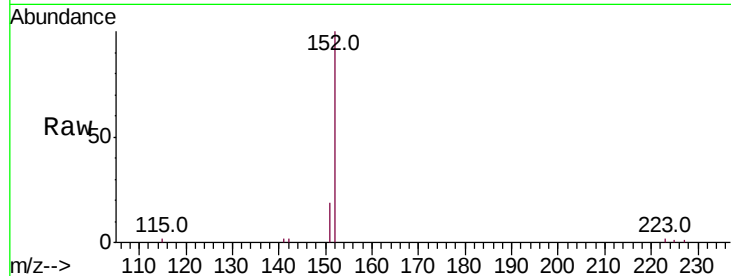
152 100

151 19.3 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

12.08

3000

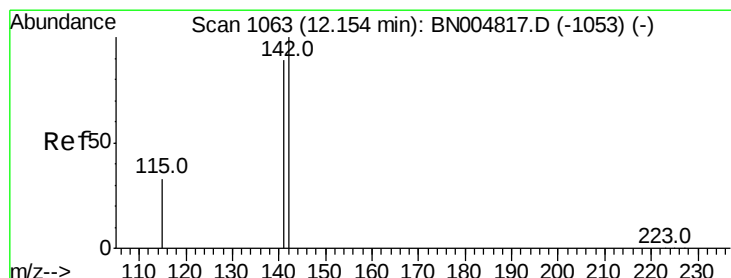
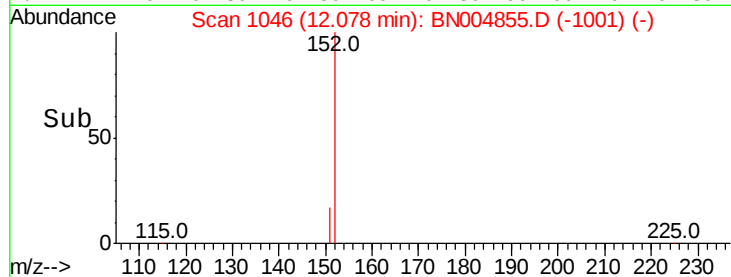
2000

1000

0

Time-->

12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.409 ng

RT: 12.15 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

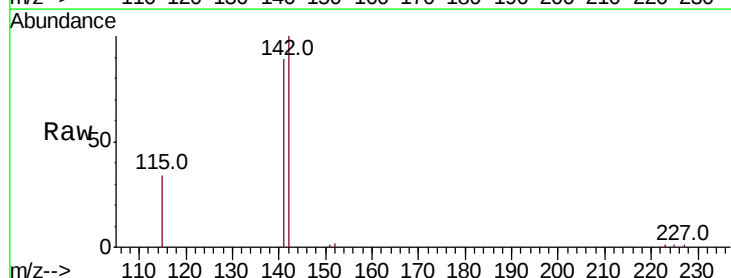
Tgt Ion:142 Resp: 6534

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.2

115 34.2 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

12.15

5000

4000

3000

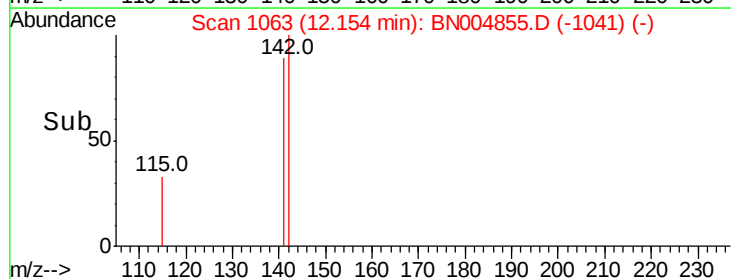
2000

1000

0

Time-->

12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

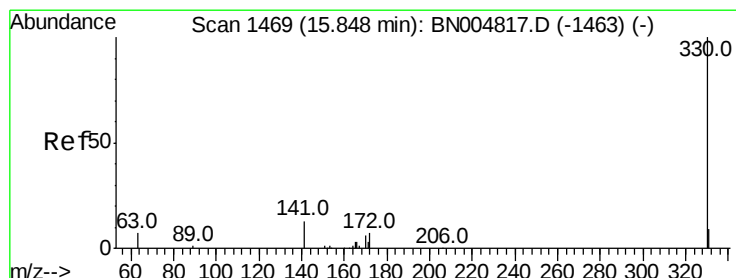
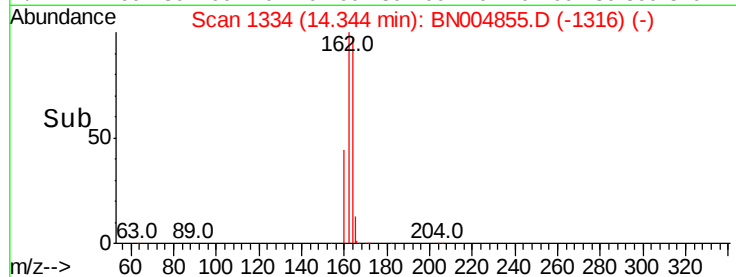
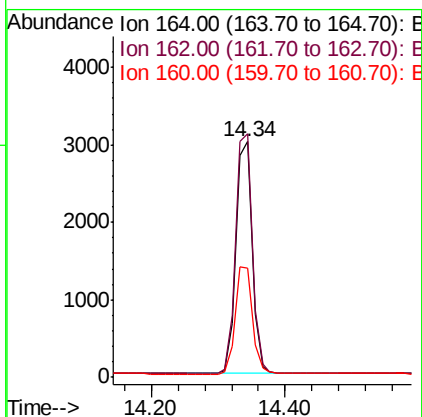
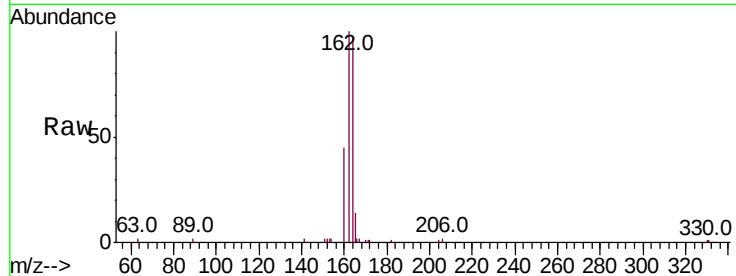
ClientSampleId :

SSTDCCC0.4

Tot Ion:	164	Resp:	4977
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.9	122.9
160	46.4	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.337 ng

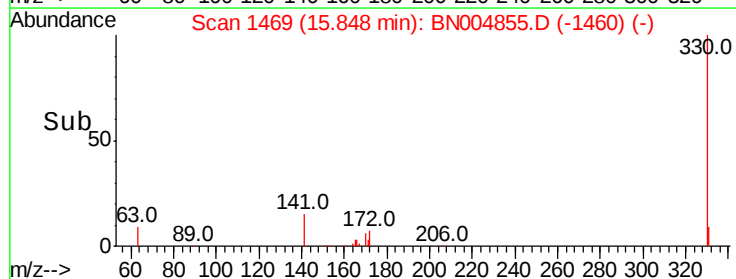
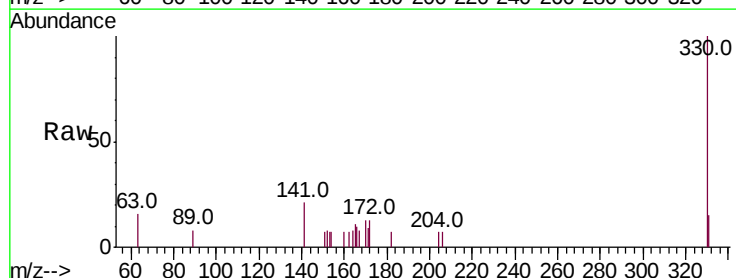
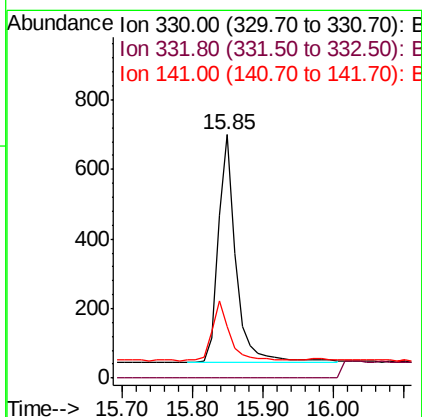
RT: 15.85 min Scan# 1469

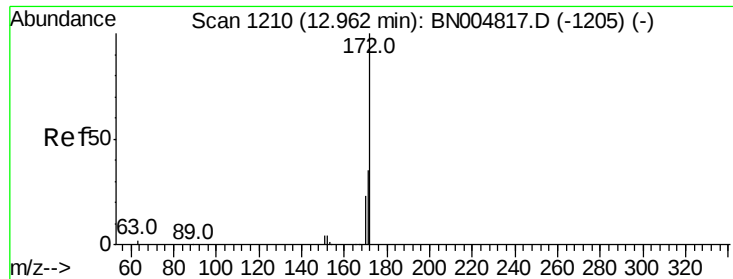
Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Tgt Ion:	330	Resp:	1160
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	25.3	20.9	31.3





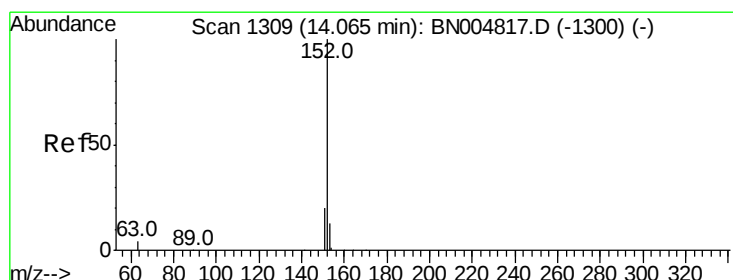
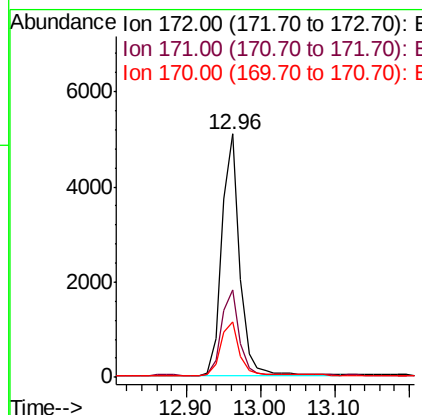
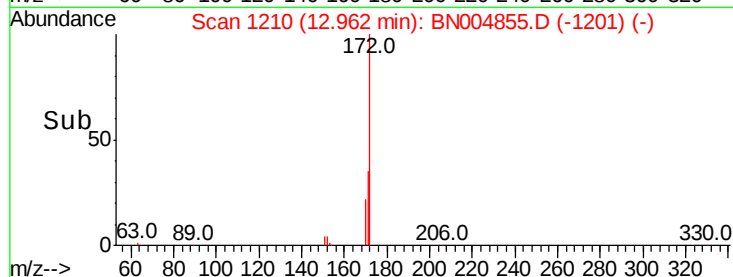
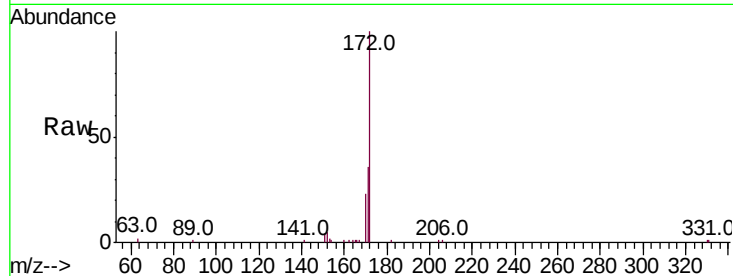
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	22.9	18.7	28.1

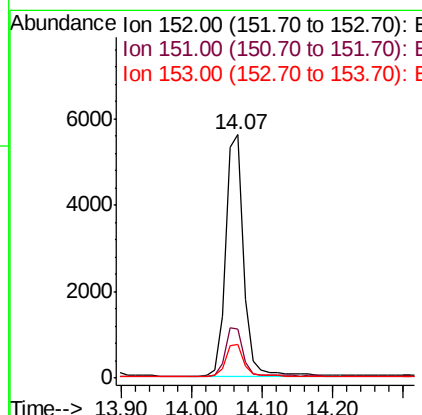
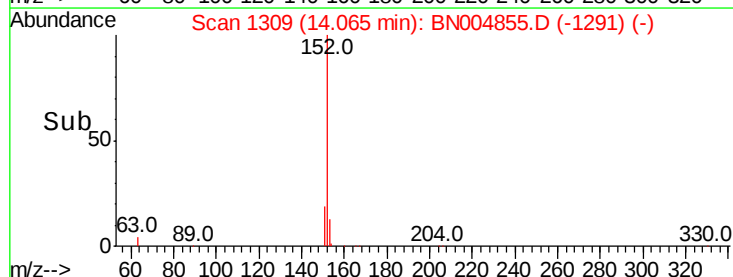
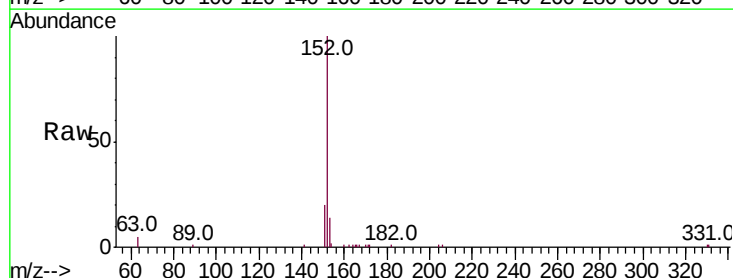
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#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.1	10.5	15.7





#17

Acenaphthene

Concen: 0.413 ng

RT: 14.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

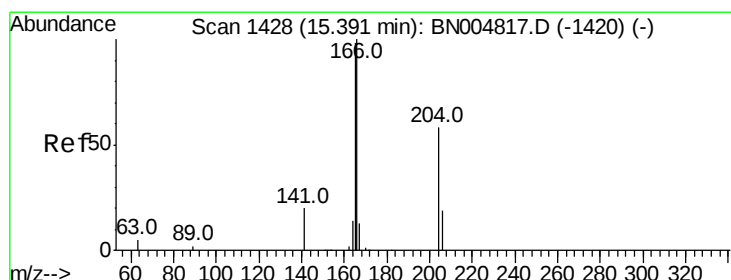
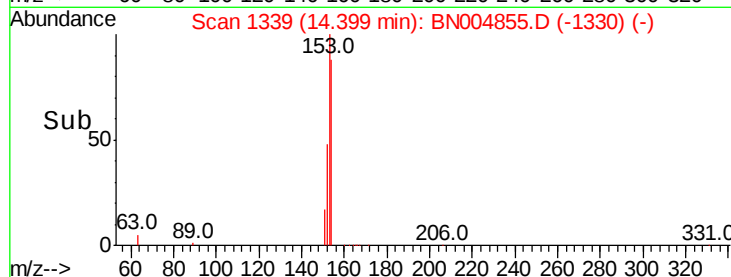
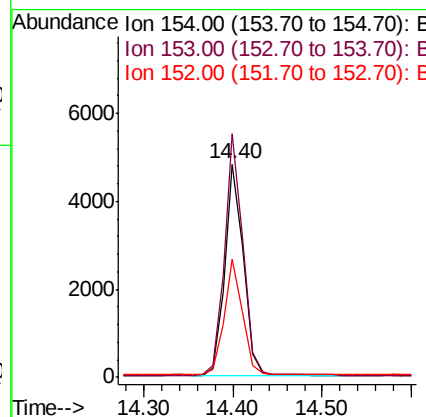
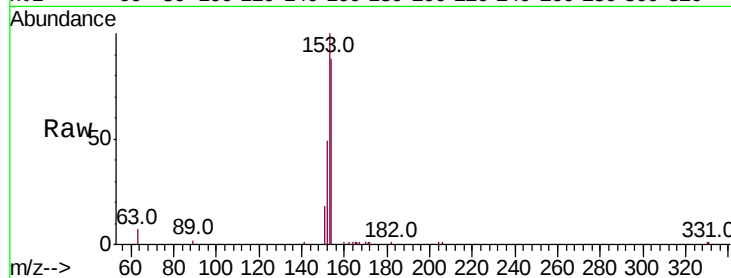
ClientSampleId :

SSTDCCC0.4

Tot Ion:	154	Resp:	6941
Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.4	137.2
152	54.4	44.2	66.2

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#18

Fluorene

Concen: 0.404 ng

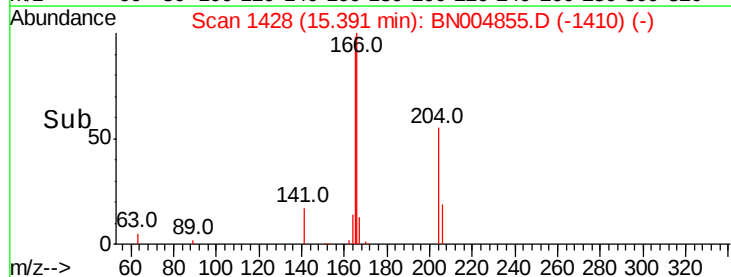
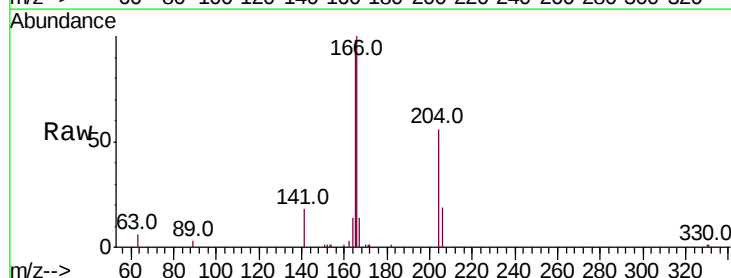
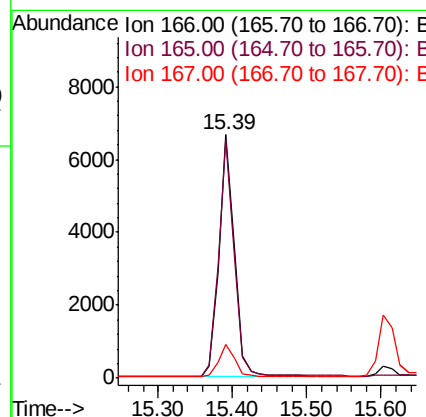
RT: 15.39 min Scan# 1428

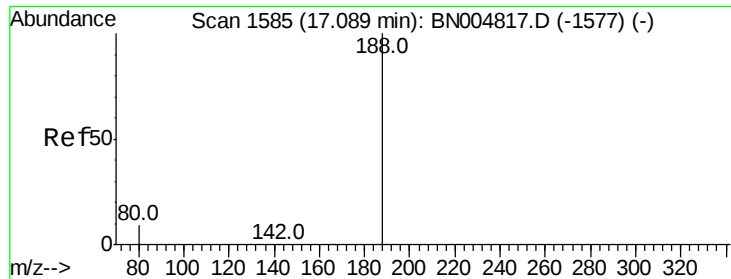
Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Tgt Ion:	166	Resp:	9462
Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.4
167	13.5	11.0	16.4





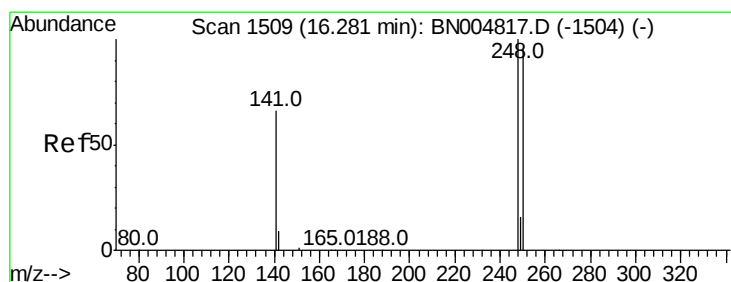
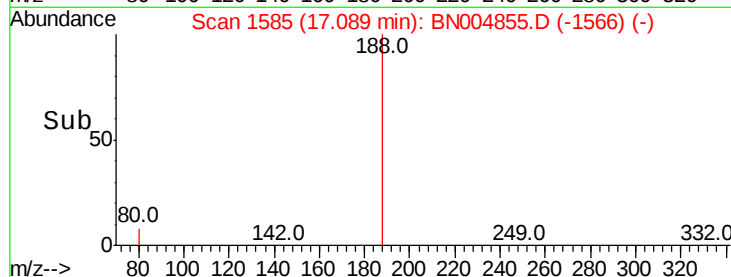
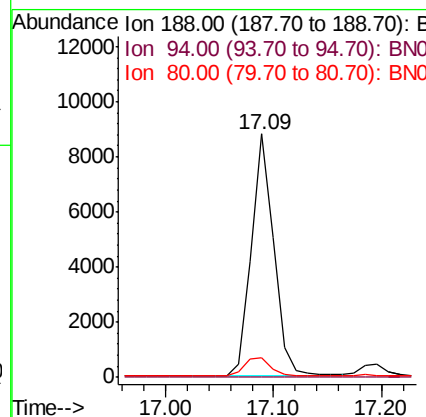
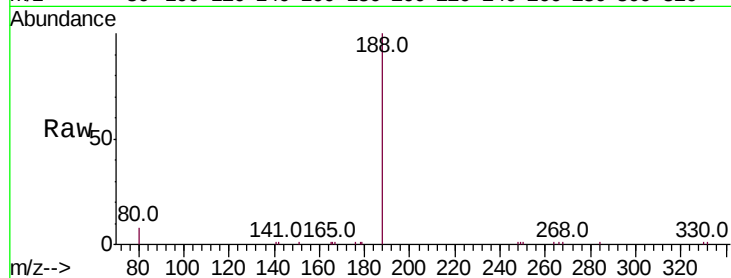
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:	188	Resp:	12720
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.3	7.4	11.2

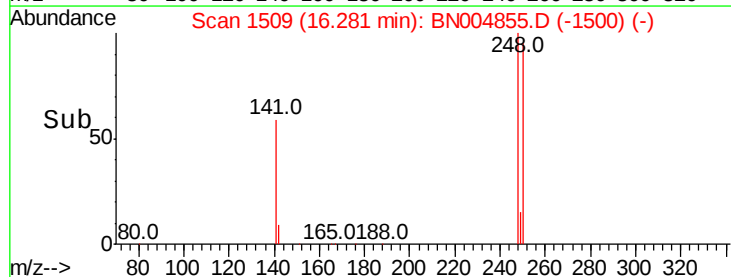
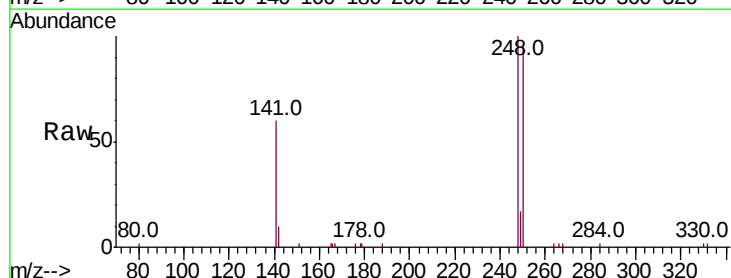
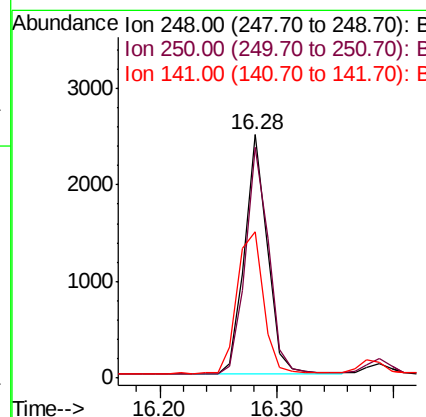
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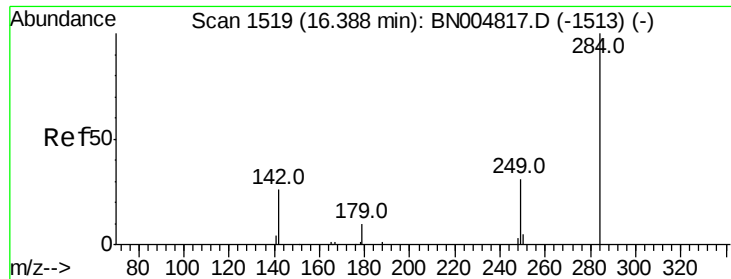
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#20
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 16.28 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Tgt Ion:	248	Resp:	3325
Ion Ratio	Lower	Upper	
248	100		
250	94.8	76.2	114.4
141	59.9	53.9	80.9





#21

Hexachlorobenzene

Concen: 0.406 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

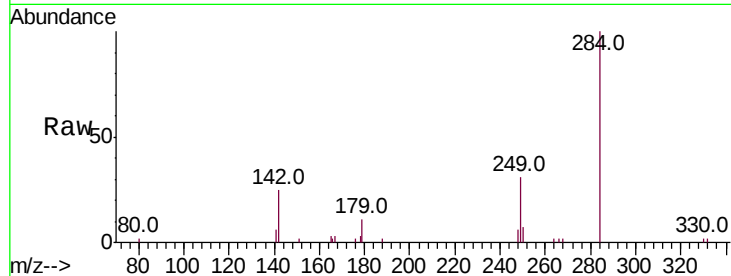
ClientSampleId :

SSTDCCC0.4

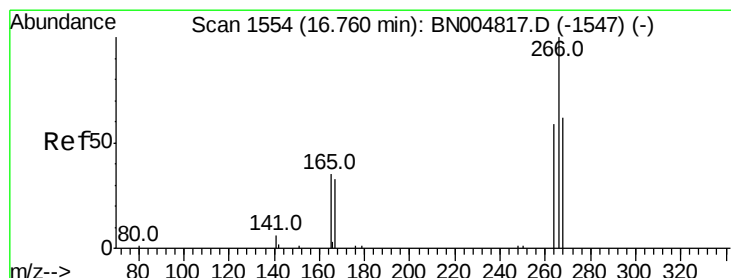
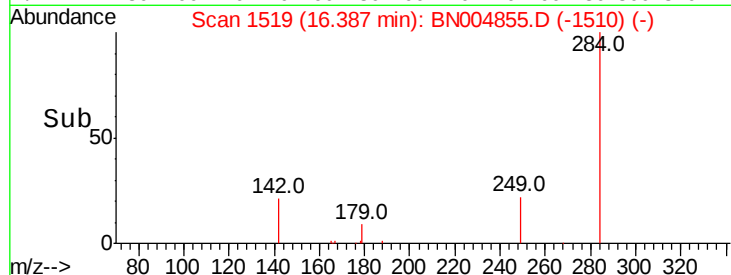
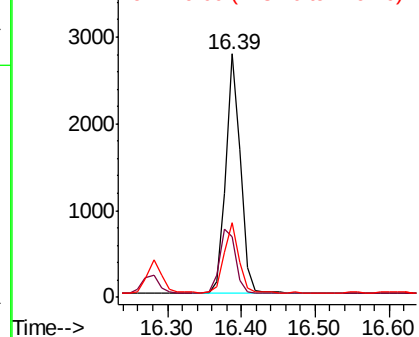
Tot Ion:	284	Resp:	3864
Ion Ratio	Lower	Upper	
284	100		
142	29.4	22.6	34.0
249	29.2	22.5	33.7

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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: 0.184 ng m

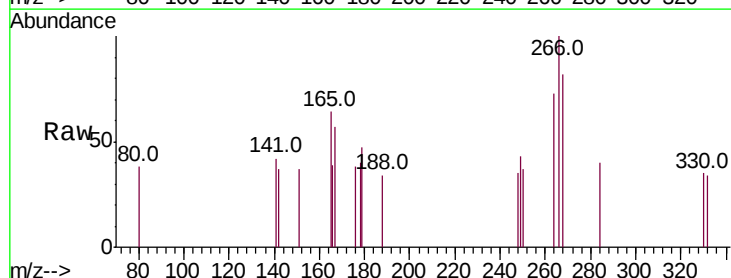
RT: 16.77 min Scan# 1555

Delta R.T. 0.01 min

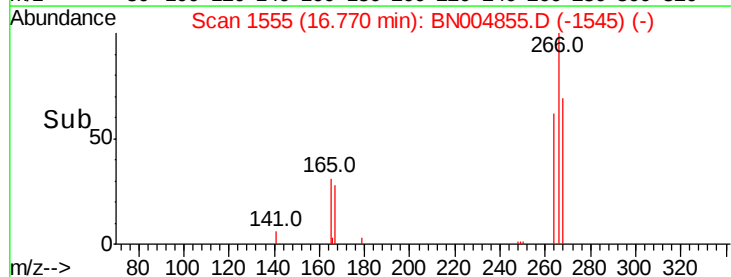
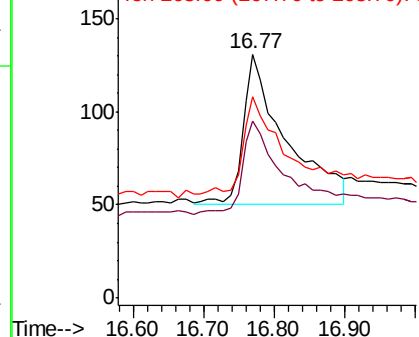
Lab File: BN004855.D

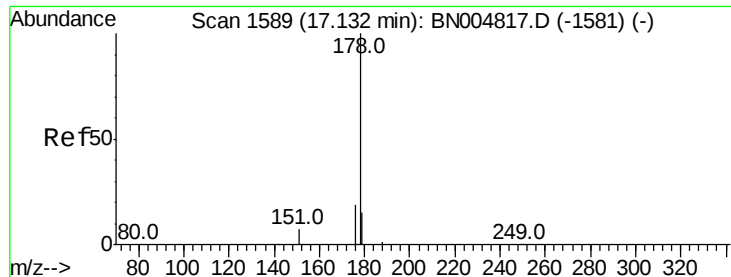
Acq: 21 Mar 2019 18:13

Tgt Ion:	266	Resp:	343
Ion Ratio	Lower	Upper	
266	100		
264	72.5	53.1	79.7
268	82.4	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: 0.403 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

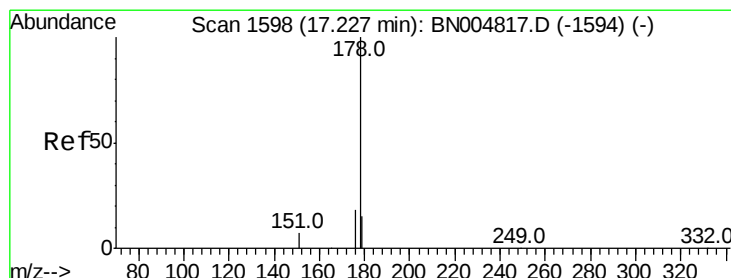
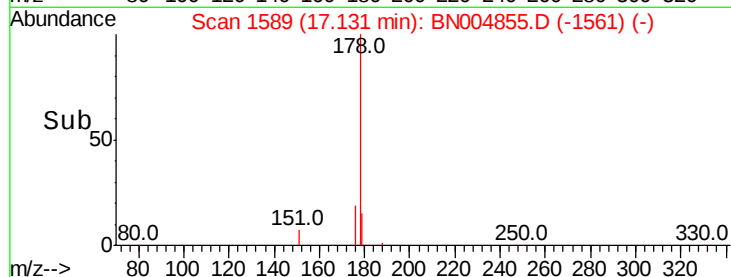
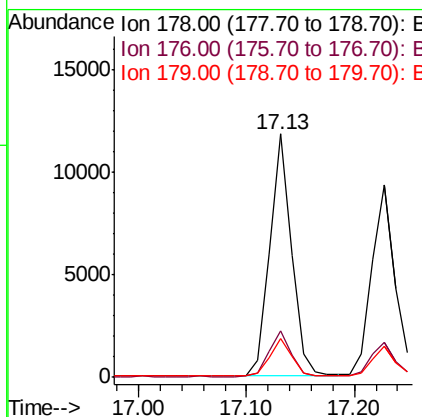
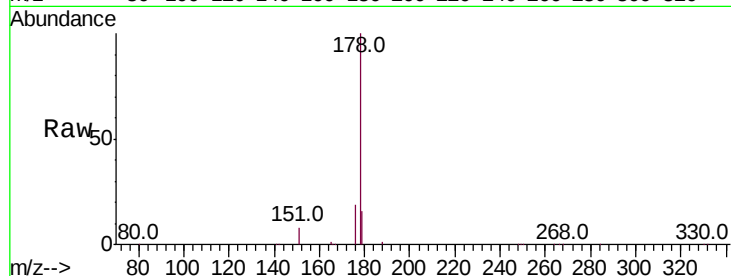
ClientSampleId :

SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.1	18.1

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#24

Anthracene

Concen: 0.389 ng

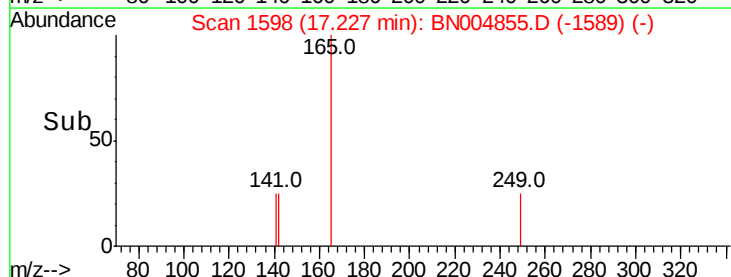
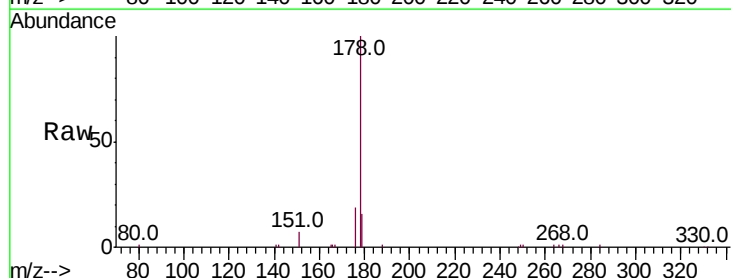
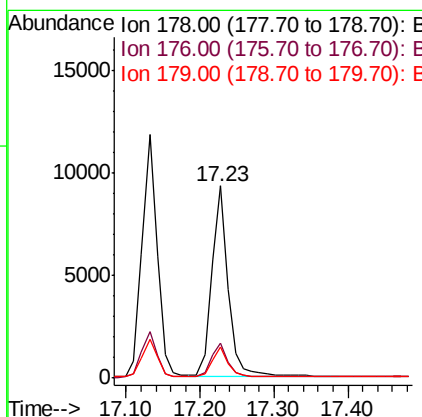
RT: 17.23 min Scan# 1598

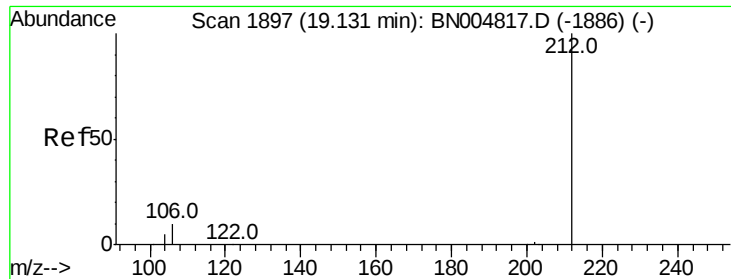
Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.4	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

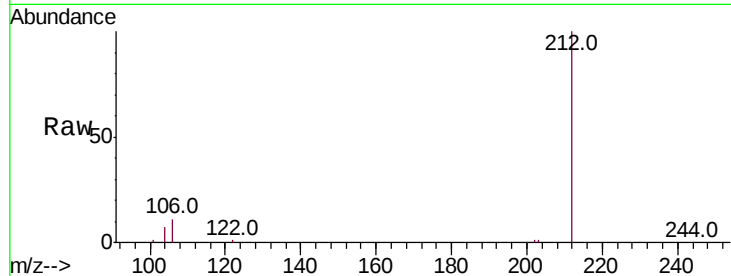
ClientSampleId :

SSTDCCC0.4

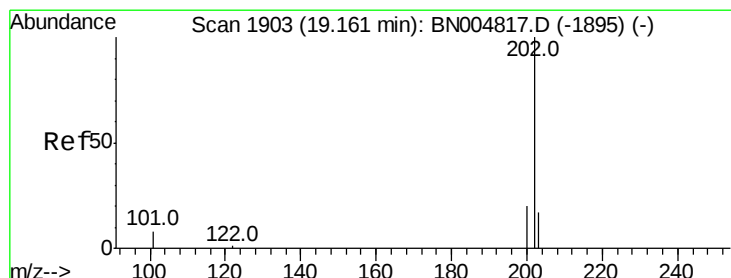
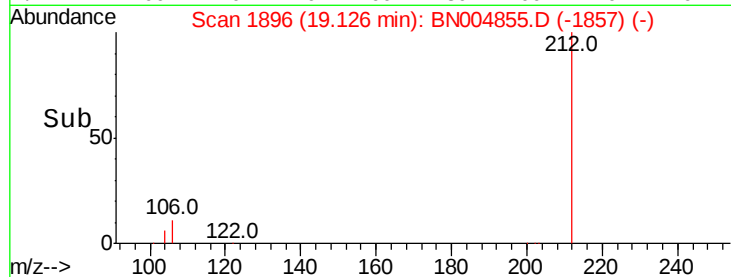
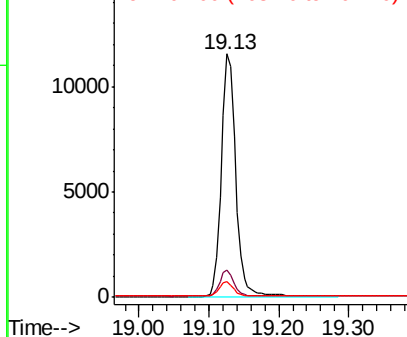
Tot Ion:	212	Resp:	16388
Ion Ratio	Lower	Upper	
212	100		
106	10.8	8.6	13.0
104	6.1	4.7	7.1

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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: 0.392 ng

RT: 19.16 min Scan# 1903

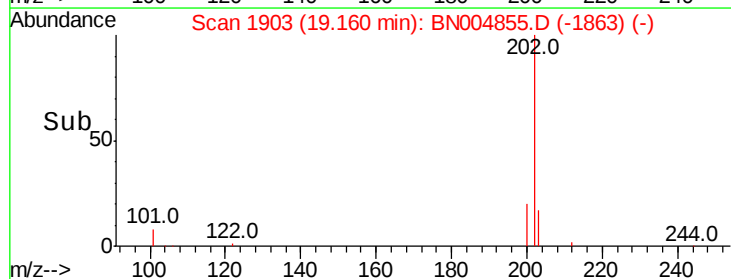
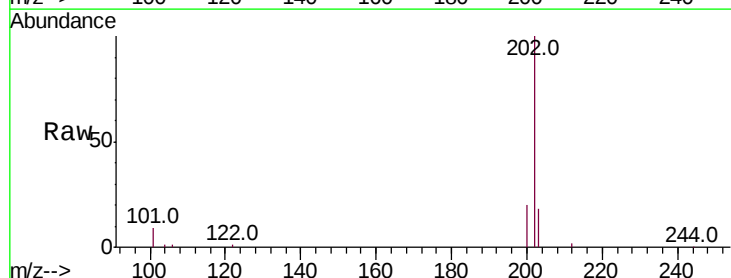
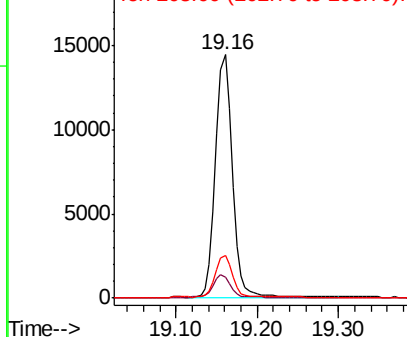
Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Tgt Ion:	202	Resp:	20711
Ion Ratio	Lower	Upper	
202	100		
101	9.3	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: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:240 Resp: 17106

Ion Ratio Lower Upper

240 100

120 7.5 7.2 10.8

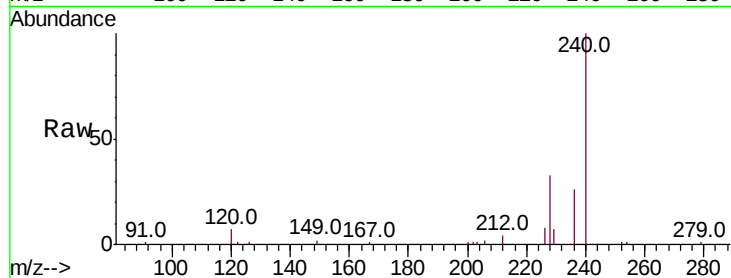
236 25.9 20.9 31.3

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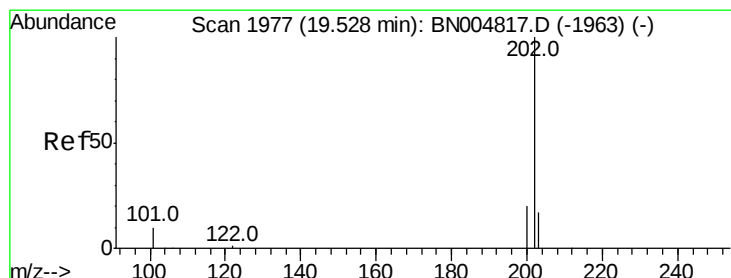
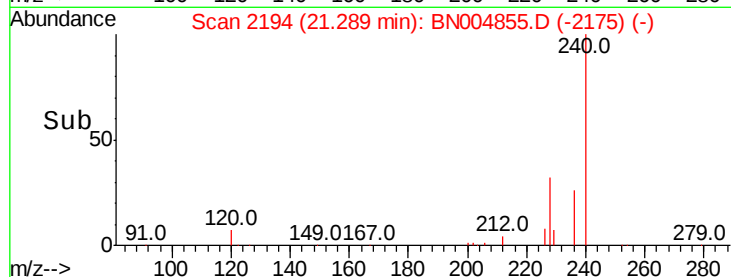
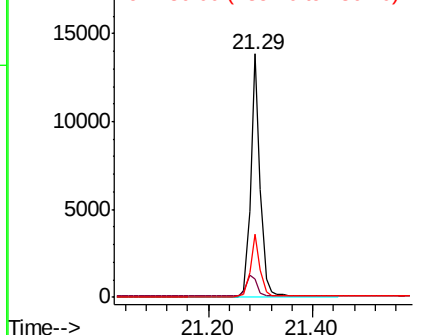
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.409 ng

RT: 19.52 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

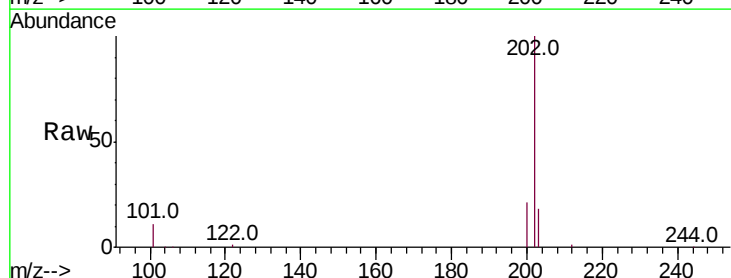
Tgt Ion:202 Resp: 21355

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

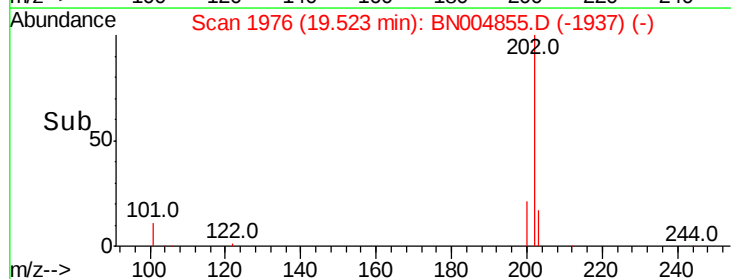
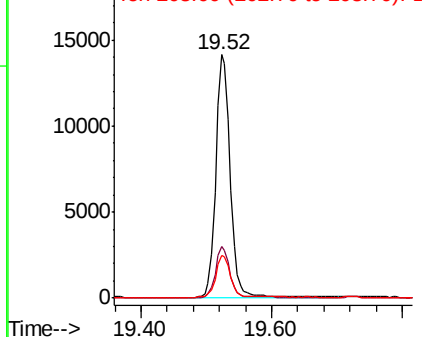
203 17.5 14.0 21.0

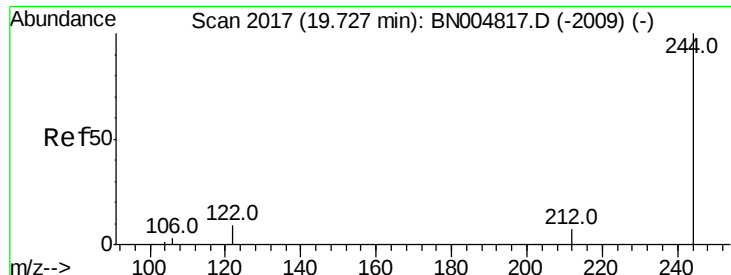


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





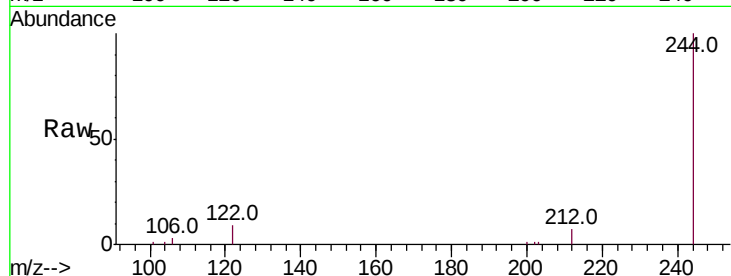
#29
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.73 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BN004855.D
 Acq: 21 Mar 2019 18:13

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

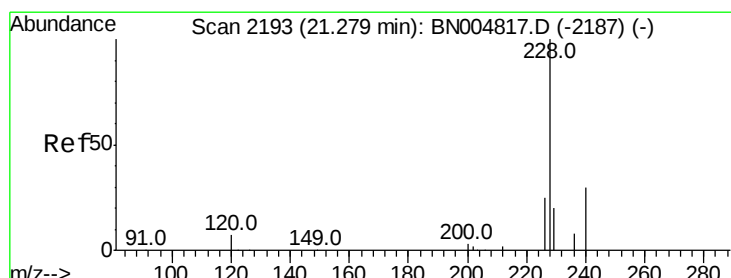
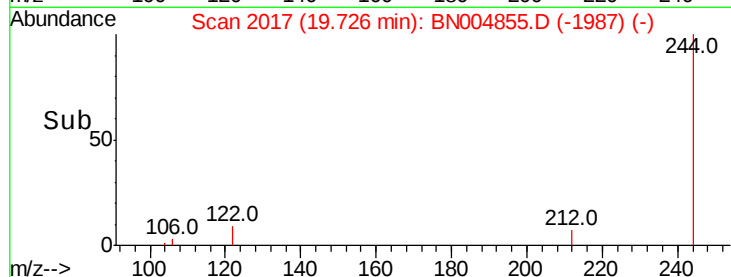
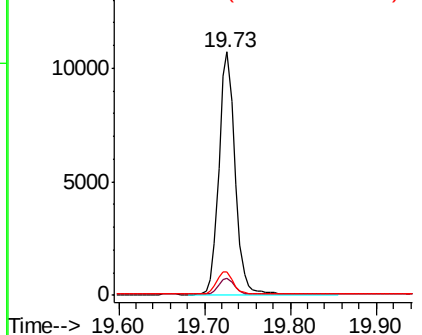
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.4	7.9	11.9

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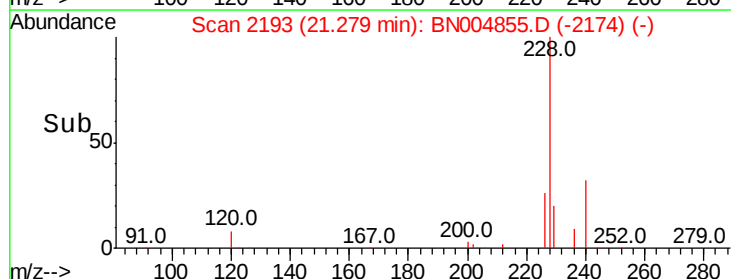
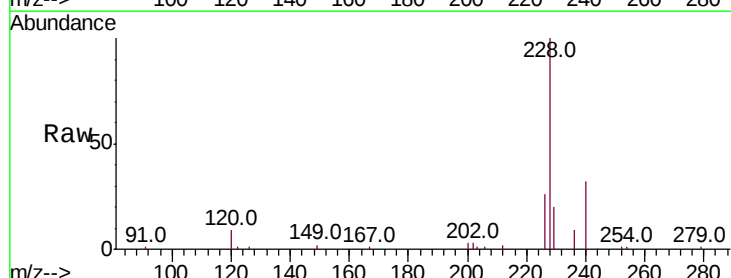
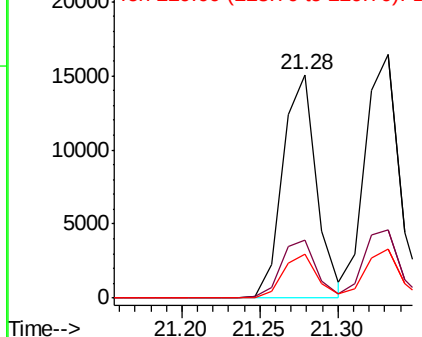
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#30
 Benzo(a)anthracene
 Concen: 0.400 ng
 RT: 21.28 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: BN004855.D
 Acq: 21 Mar 2019 18:13

Tgt 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: 0.416 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

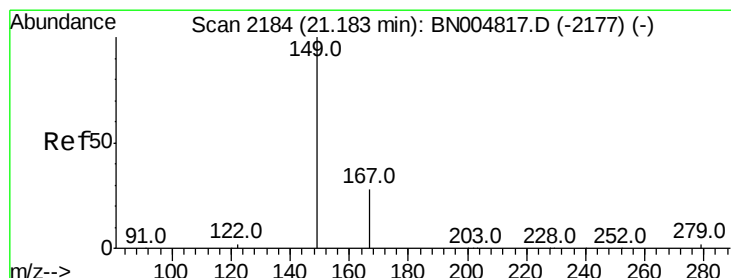
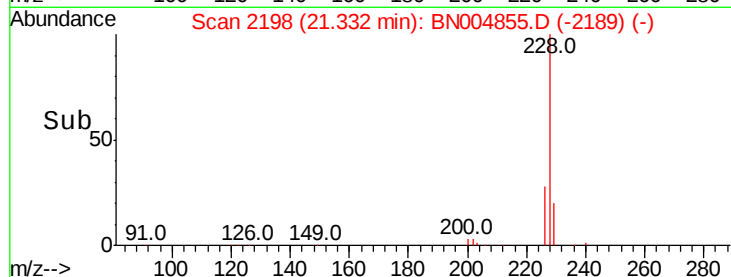
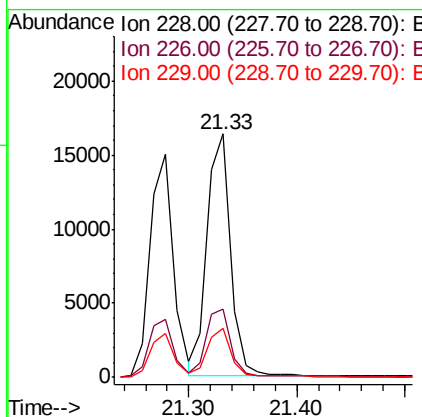
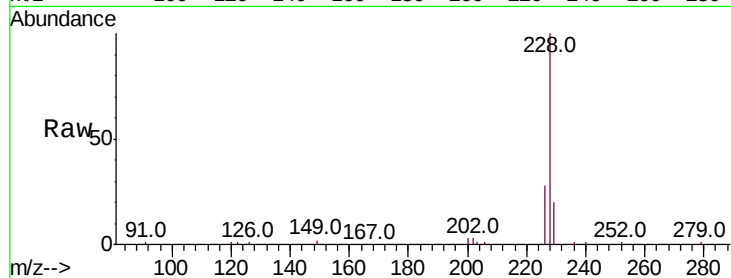
ClientSampled :

SSTDCCC0.4

Tot Ion:	228	Resp:	24599
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.0	34.6
229	20.2	16.2	24.2

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.394 ng

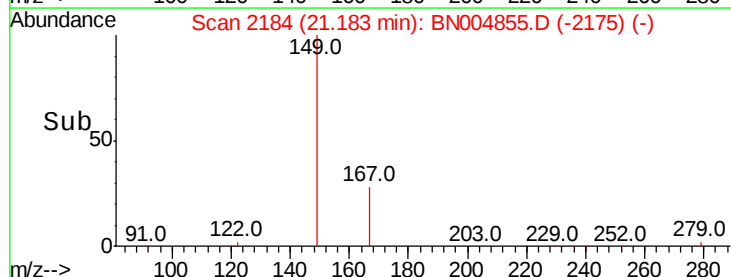
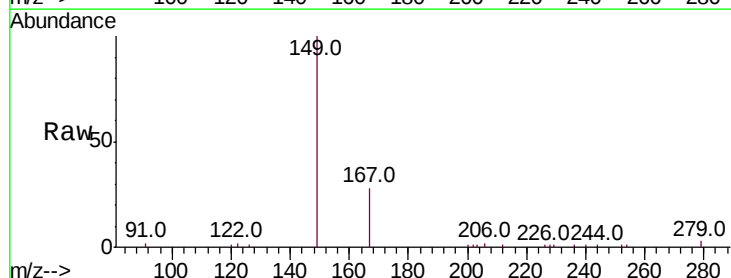
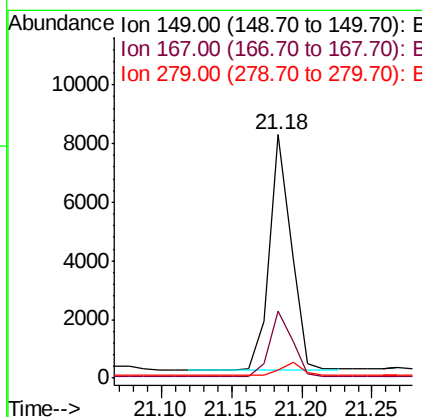
RT: 21.18 min Scan# 2184

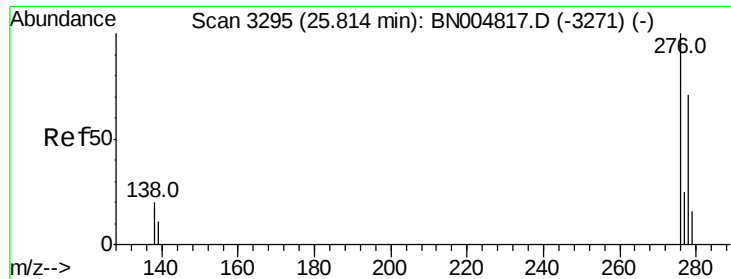
Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Tgt Ion:	149	Resp:	8821
Ion Ratio	Lower	Upper	
149	100		
167	28.2	23.0	34.4
279	5.6	4.6	6.8





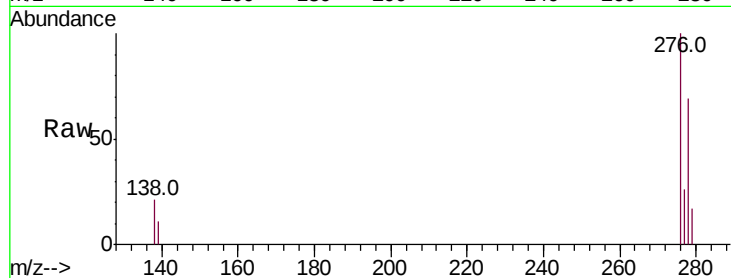
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 25.81 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.6	24.8
277	25.4	20.3	30.5

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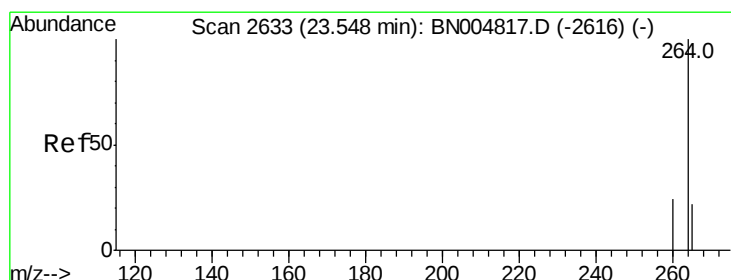
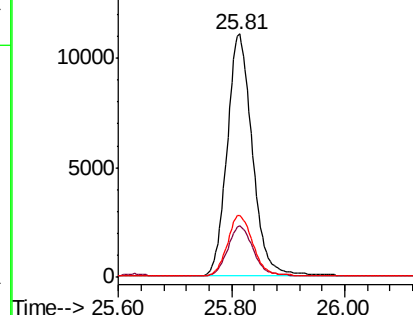
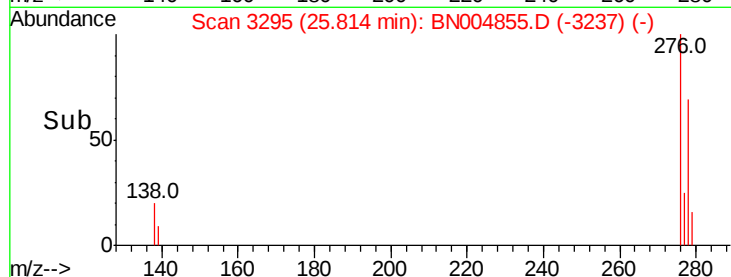


Abundance

Ion 276.00 (275.70 to 276.70): E

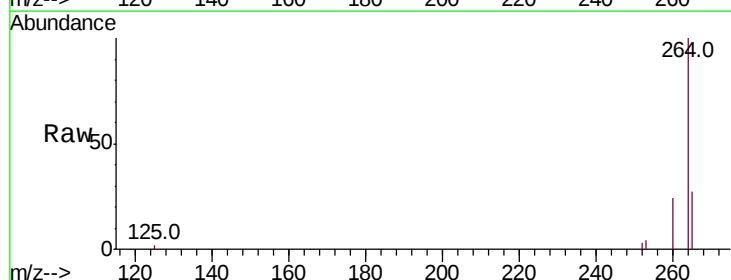
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	27.4	23.1	34.7

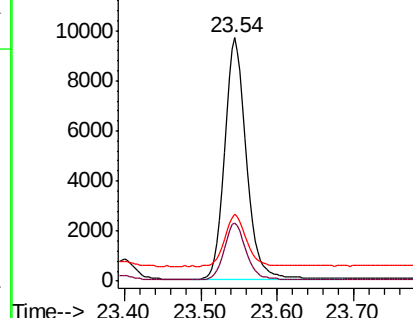
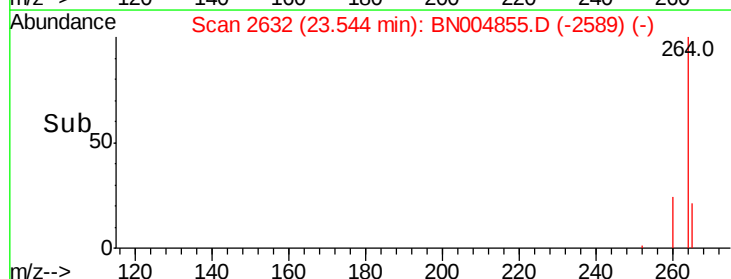


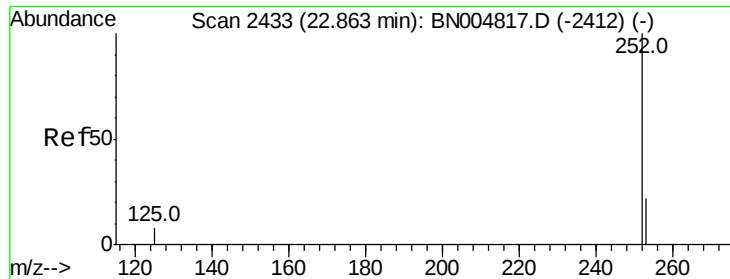
Abundance

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: 0.404 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

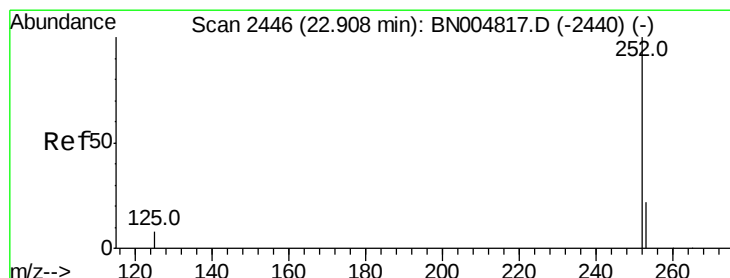
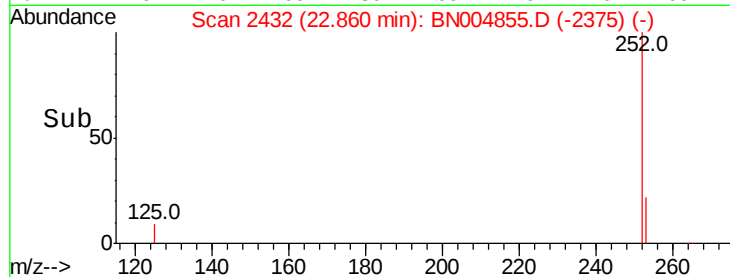
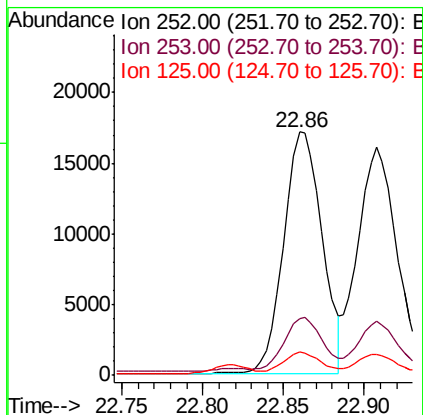
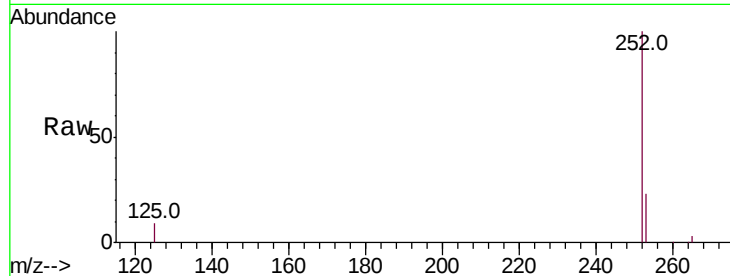
ClientSampleId :

SSTDCCC0.4

Tot Ion:	252	Resp:	28286
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.0	28.4
125	9.4	7.4	11.2

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#36

Benzo(k)fluoranthene

Concen: 0.404 ng

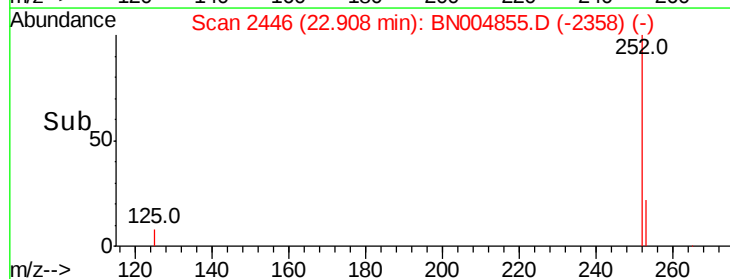
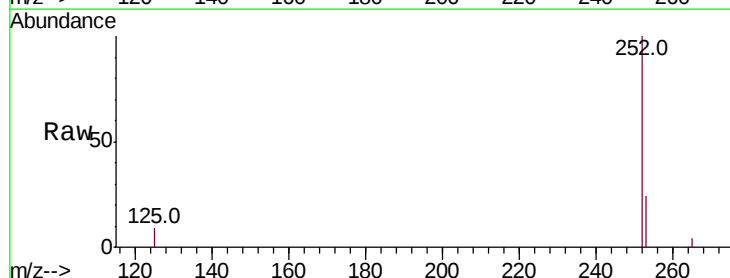
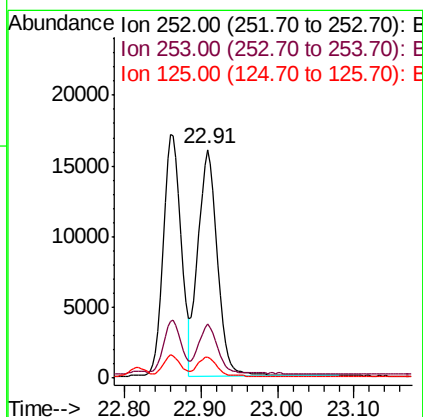
RT: 22.91 min Scan# 2446

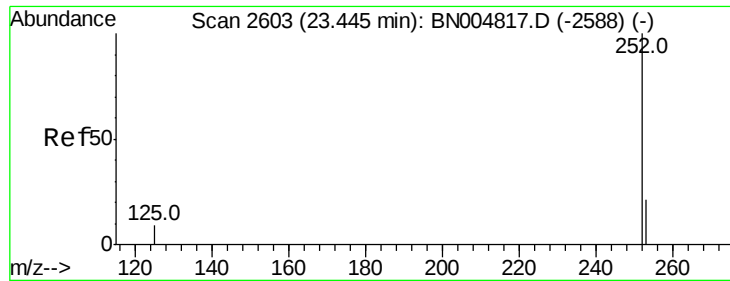
Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Tgt Ion:	252	Resp:	27867
Ion Ratio	Lower	Upper	
252	100		
253	23.6	19.3	28.9
125	9.2	7.4	11.0





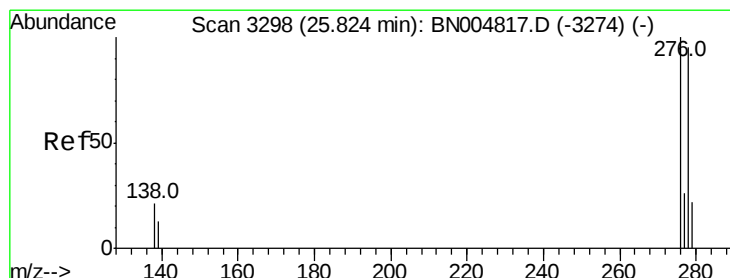
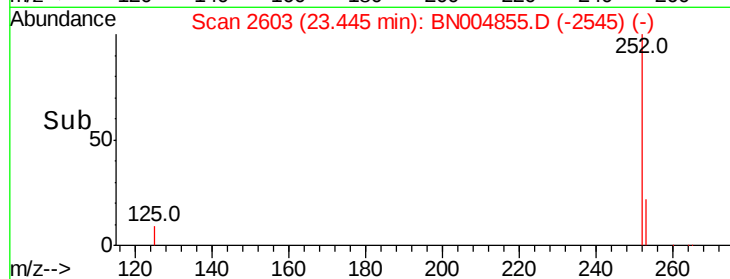
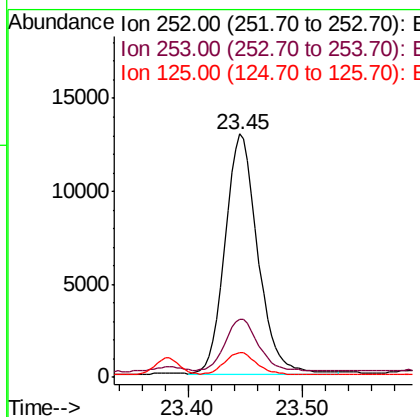
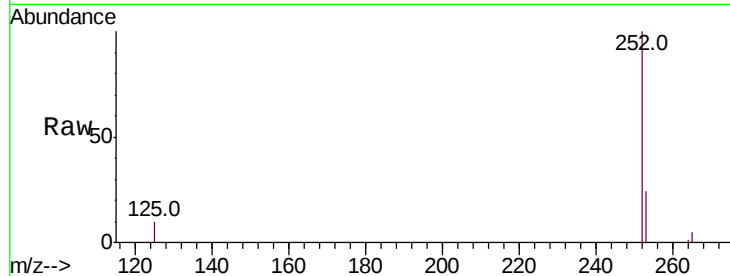
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.45 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	10.2	8.3	12.5

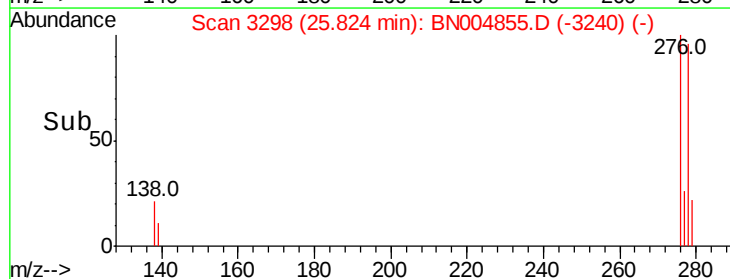
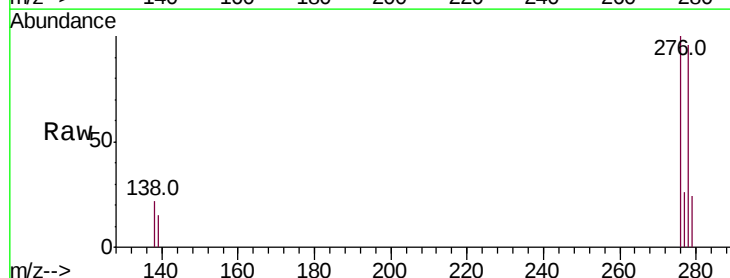
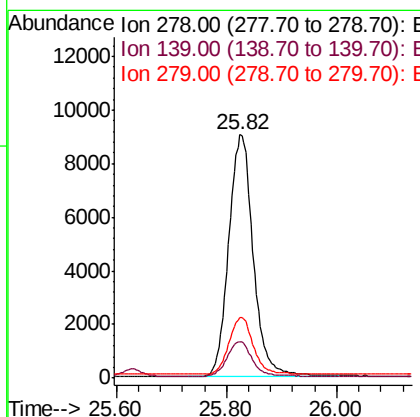
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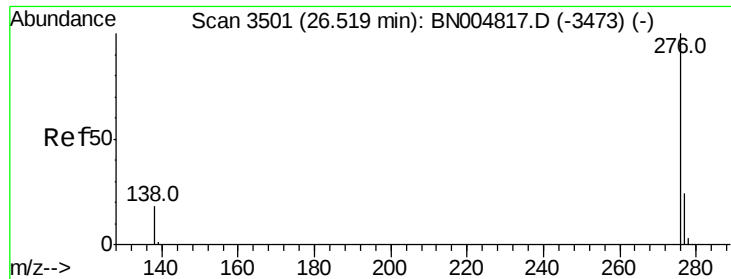
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#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 25.82 min Scan# 3298
Delta R.T. -0.00 min
Lab File: BN004855.D
Acq: 21 Mar 2019 18:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.7	17.5
279	24.7	19.9	29.9





#39

Benzo(a,h,i)perylene

Concen: 0.372 ng

RT: 26.52 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BN004855.D

Acq: 21 Mar 2019 18:13

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:	276	Resp:	28246
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.7	29.5
138	18.5	14.6	22.0

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