

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004849.D
 Acq On : 21 Mar 2019 14:40
 Operator : JU/SJ
 Sample : K1842-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-07_030719

Manual Integrations
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 3/22/2019 7:16:19 PM

Quant Time: Mar 22 02:20:10 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	2084	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	9410	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	6144	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	16242	0.40	ng	0.00
27) Chrysene-d12	21.29	240	21852	0.40	ng	0.00
34) Perylene-d12	23.54	264	24305	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	881	0.16	ng	0.00
5) Phenol-d6	6.88	99	704	0.10	ng	0.00
8) Nitrobenzene-d5	8.87	82	2042	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	5898	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1550	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	9457	0.37	ng	0.00
25) Fluoranthene-d10	19.13	212	21638	0.40	ng	0.00
29) Terphenyl-d14	19.72	244	22995	0.51	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.15	142	396	0.020	ng	Qvalue # 90
23) Phenanthrene	17.13	178	1183m	0.023	ng	
26) Fluoranthene	19.16	202	1840	0.027	ng	# 98
28) Pyrene	19.52	202	1587	0.024	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.18	149	1557	0.054	ng	# 96

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

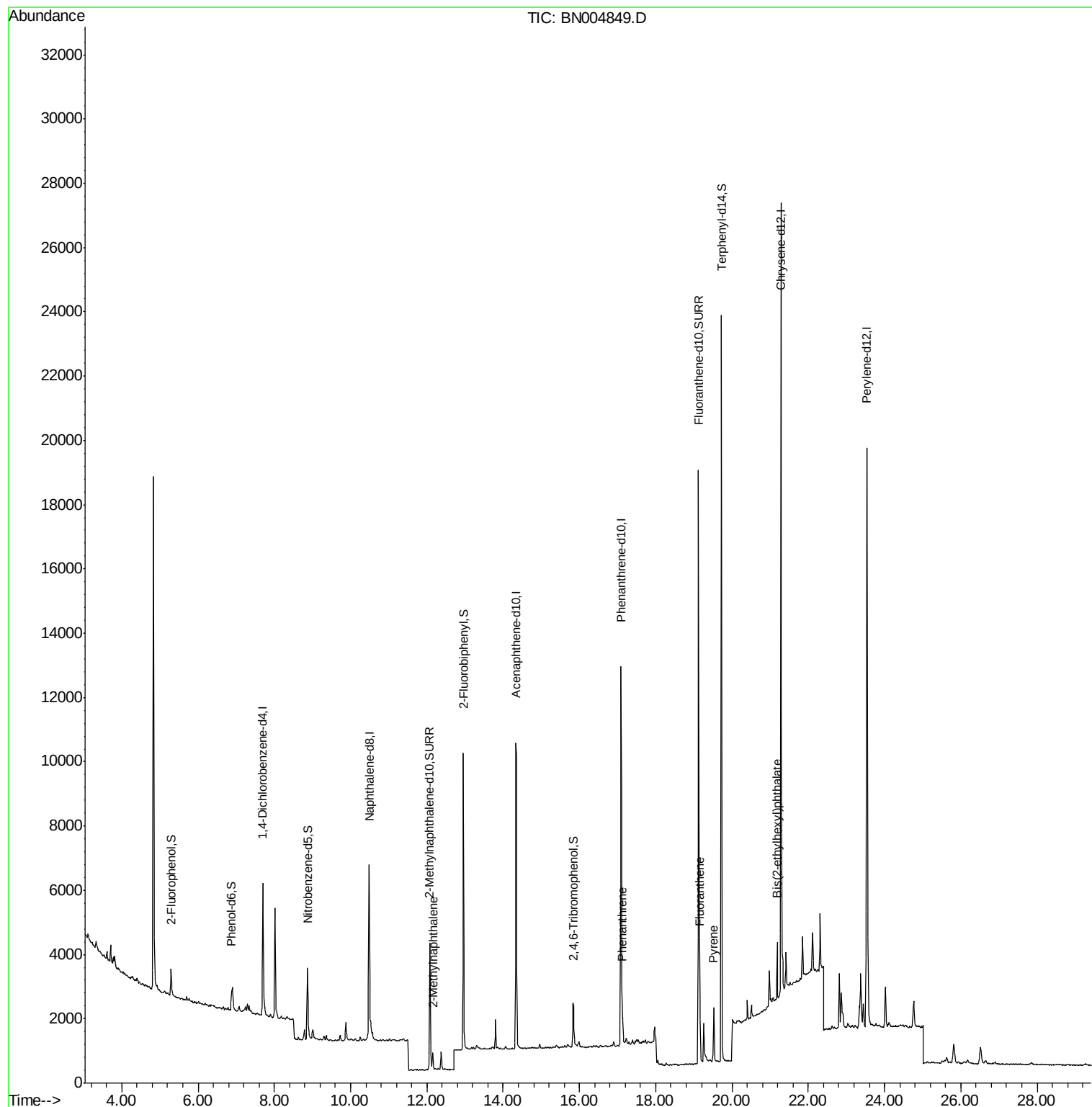
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004849.D
Acq On : 21 Mar 2019 14:40
Operator : JU/SJ
Sample : K1842-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

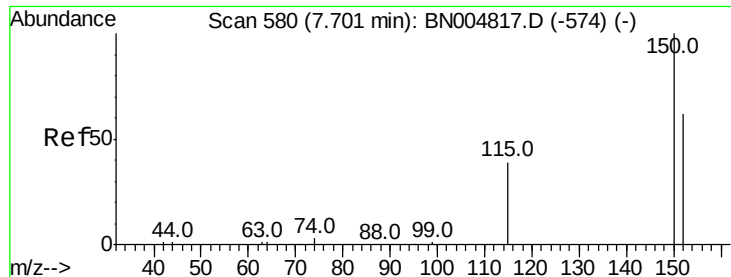
Instrument :
BNA_N
ClientSampleId :
C-MW-07_030719

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Quant Time: Mar 22 02:20:10 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
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#1

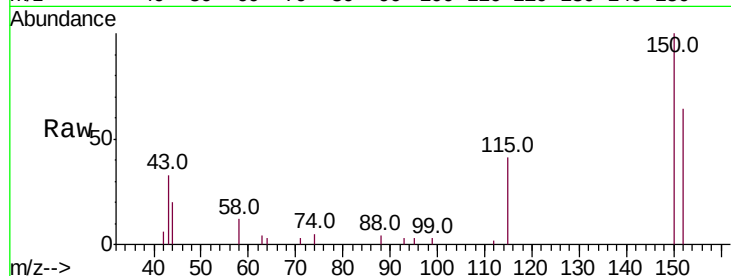
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004849.D
Acq: 21 Mar 2019 14:40

Instrument :
BNA_N
ClientSampleId :
C-MW-07_030719

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.4
115	63.4	52.6	79.0

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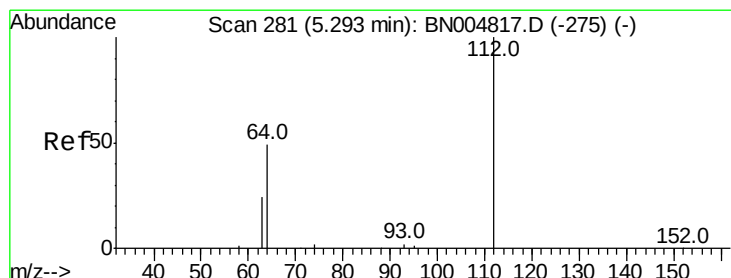
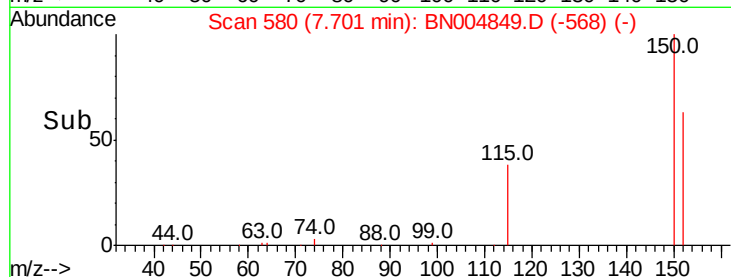
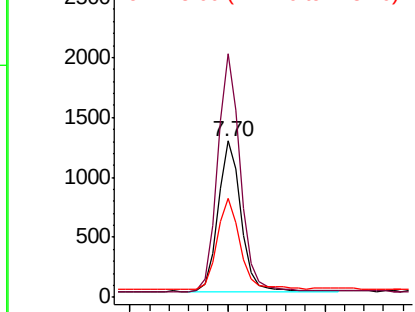


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

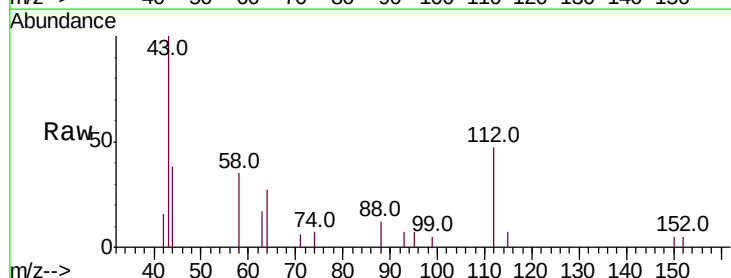
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.156 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004849.D
Acq: 21 Mar 2019 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	40.0	60.0
63	26.8	20.2	30.2

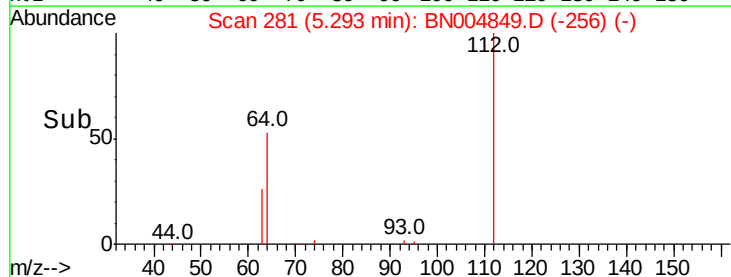
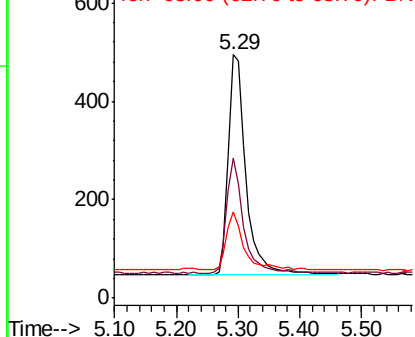


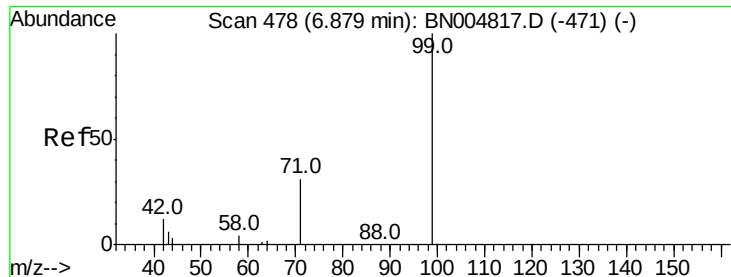
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.100 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

BNA_N

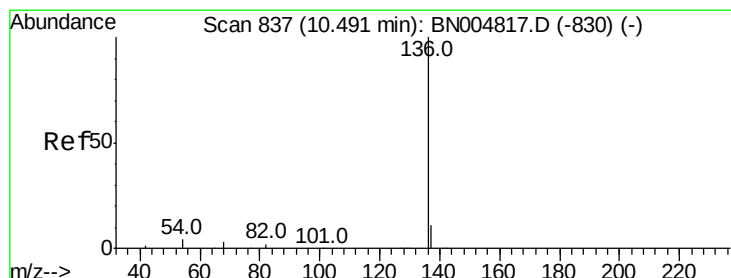
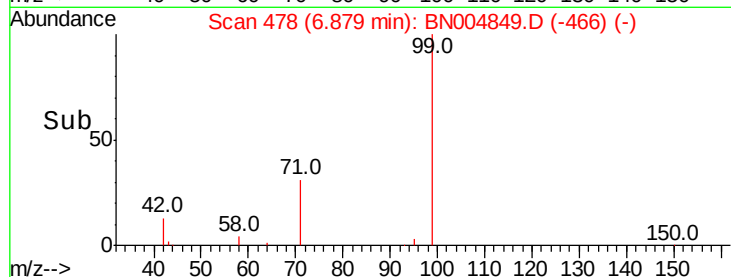
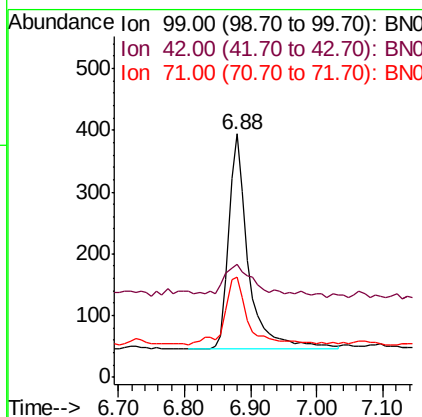
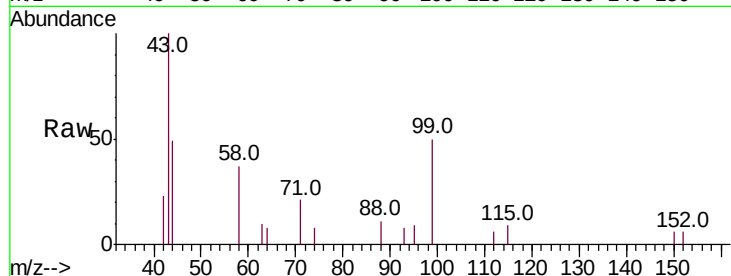
ClientSampleId :

C-MW-07_030719

Tot Ion:	99	Resp:	704
Ion	Ratio	Lower	Upper
99	100		
42	18.6	12.7	19.1
71	38.5	26.6	40.0

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#7

Naphthalene-d8

Concen: 0.400 ng

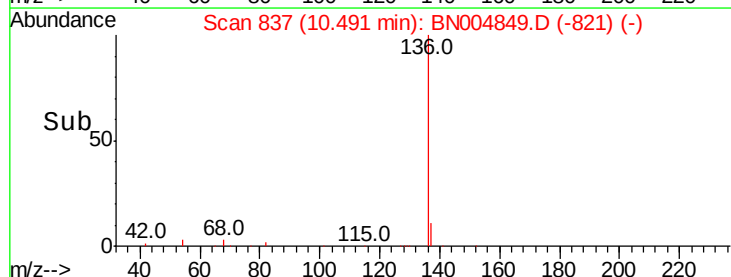
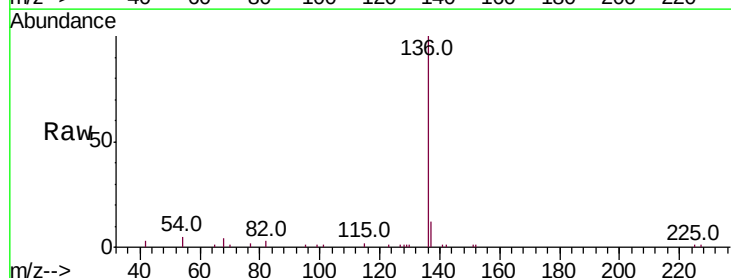
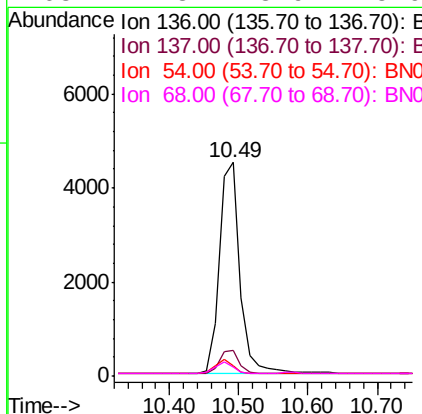
RT: 10.49 min Scan# 837

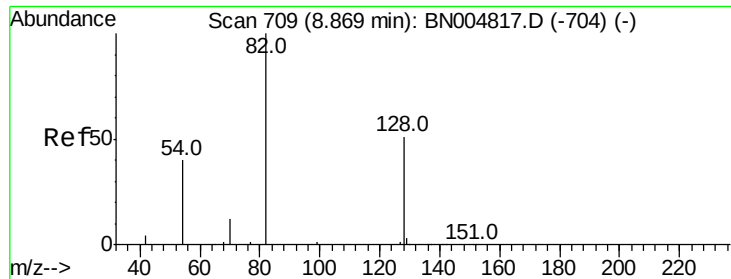
Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Tgt Ion:	136	Resp:	9410
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	4.6	4.2	6.2
68	4.3	3.9	5.9





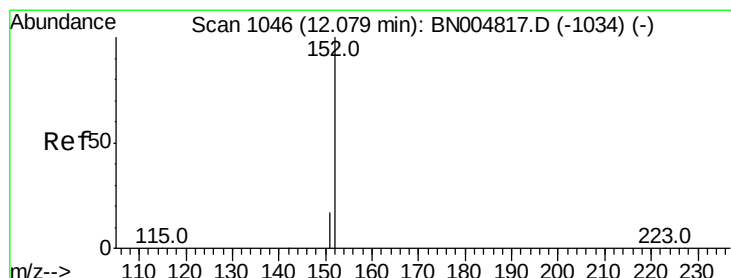
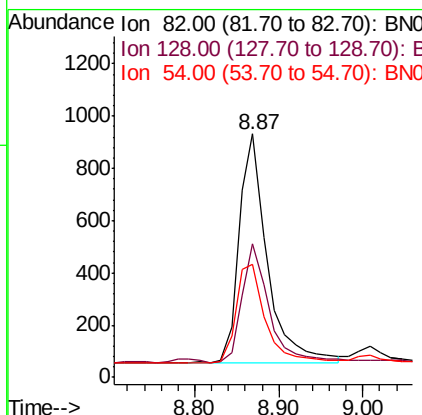
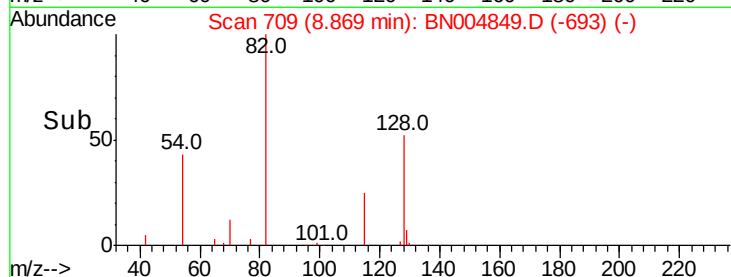
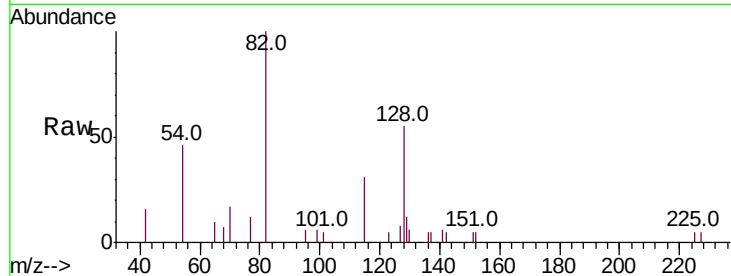
#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.87 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN004849.D
Acq: 21 Mar 2019 14:40

Instrument :
BNA_N
ClientSampleId :
C-MW-07_030719

Tot Ion	82	Resp	2042
Ion Ratio	100	Lower	Upper
128	54.8	43.0	64.6
54	46.5	35.3	52.9

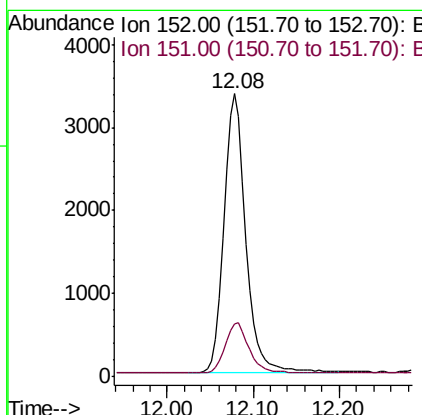
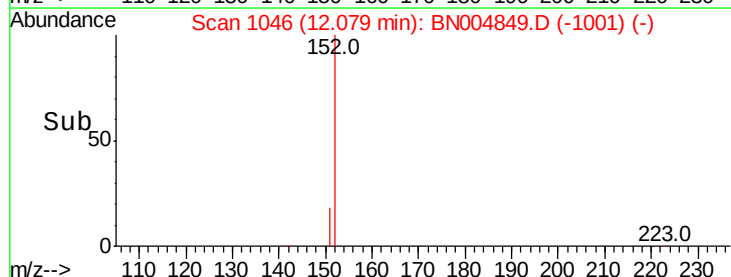
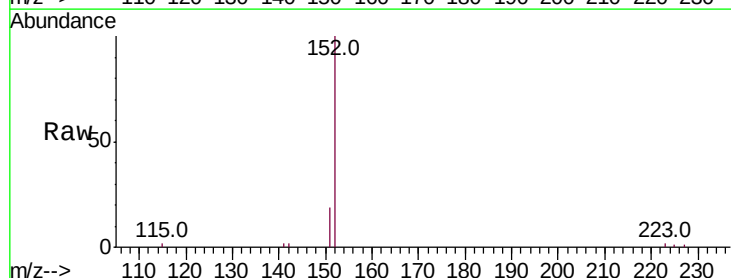
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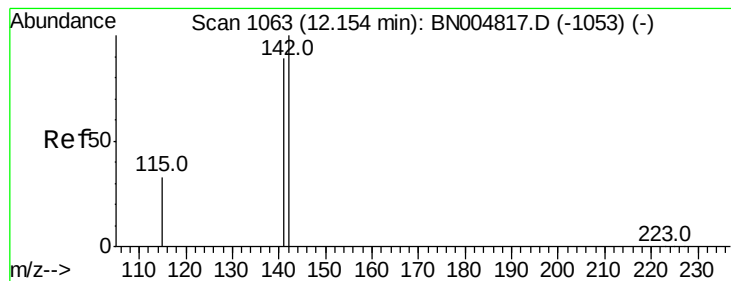
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#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.08 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN004849.D
Acq: 21 Mar 2019 14:40

Tgt Ion	152	Resp	5898
Ion Ratio	100	Lower	Upper
151	19.5	15.5	23.3





#12

2-Methylnaphthalene

Concen: 0.020 ng

RT: 12.15 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

BNA_N

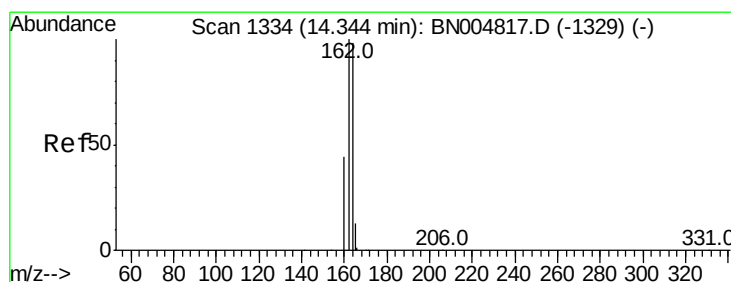
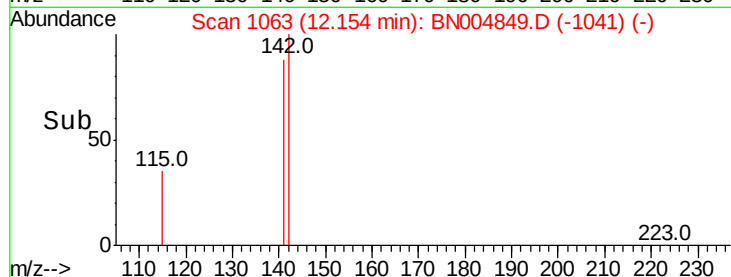
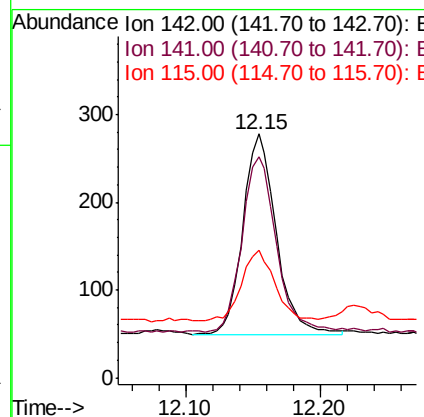
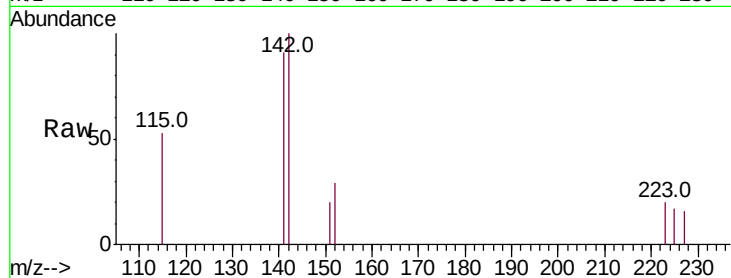
ClientSampled :

C-MW-07_030719

Tot Ion:	142	Resp:	396
Ion Ratio	Lower	Upper	
142	100		
141	90.6	71.4	107.2
115	52.5	27.5	41.3#

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#13

Acenaphthene-d10

Concen: 0.400 ng

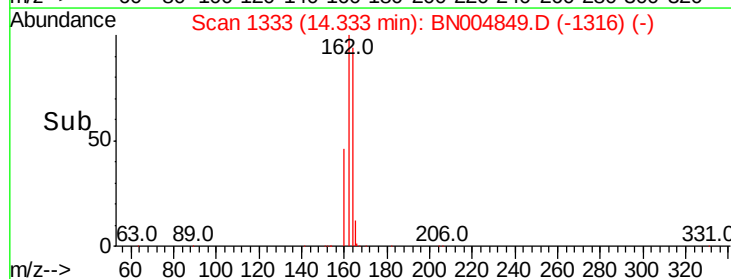
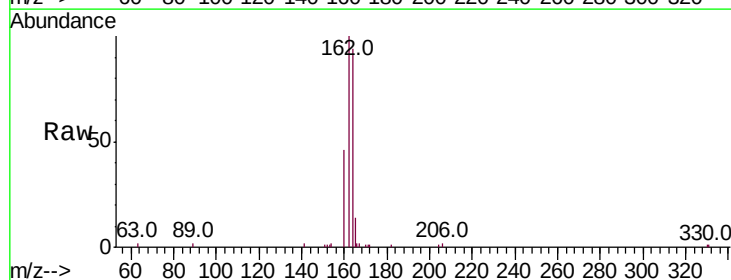
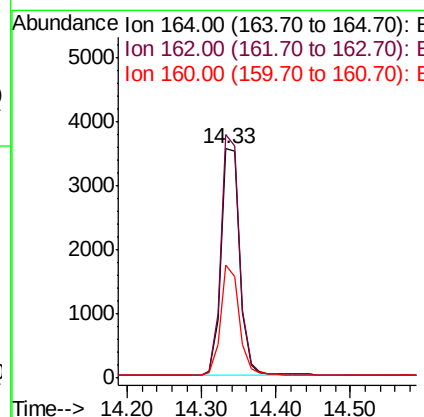
RT: 14.33 min Scan# 1333

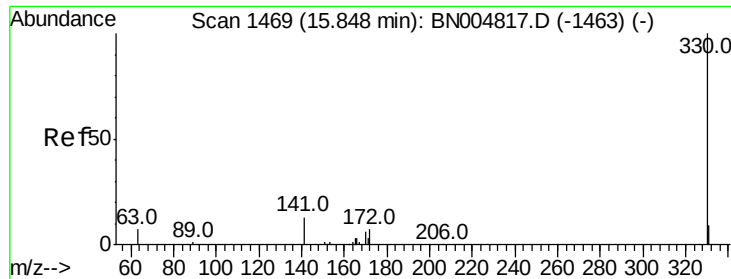
Delta R.T. -0.01 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Tgt Ion:	164	Resp:	6144
Ion Ratio	Lower	Upper	
164	100		
162	106.3	81.9	122.9
160	49.2	36.6	54.8





#14

2,4,6-Tribromophenol

Concen: 0.365 ng

RT: 15.85 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

BNA_N

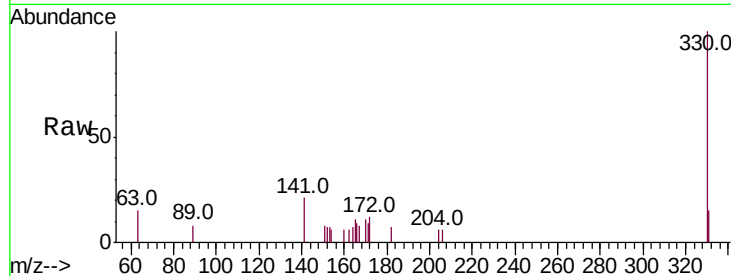
ClientSampleId :

C-MW-07_030719

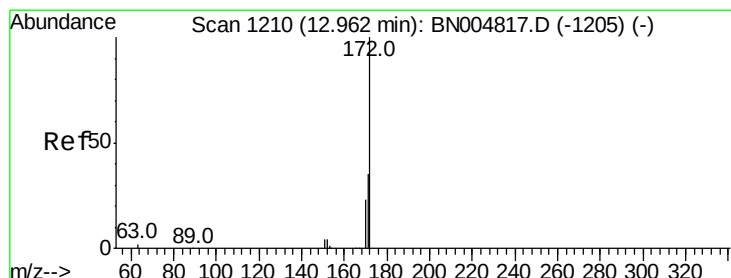
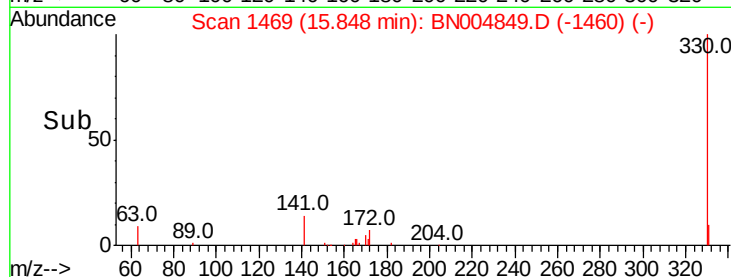
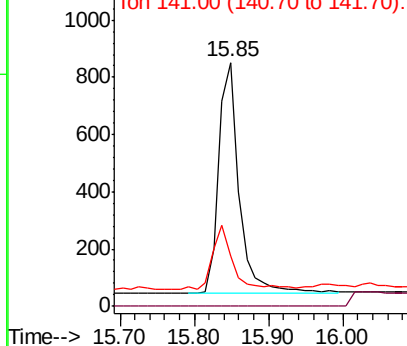
Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.8	20.9	31.3

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Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.372 ng

RT: 12.96 min Scan# 1210

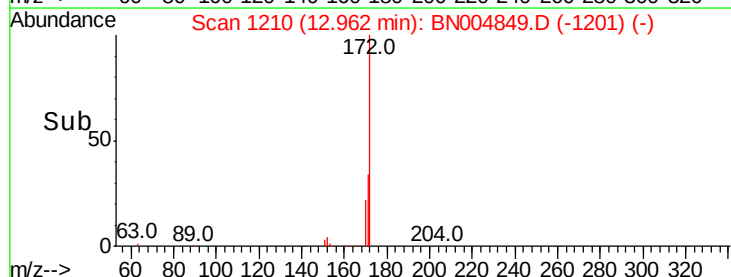
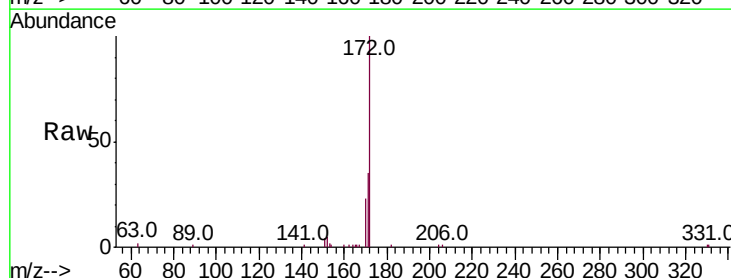
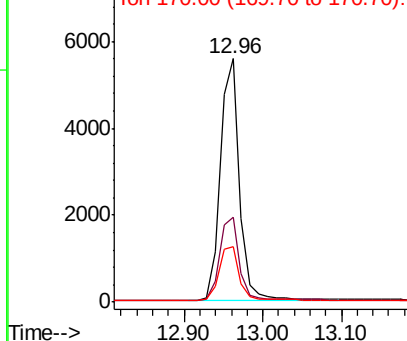
Delta R.T. -0.00 min

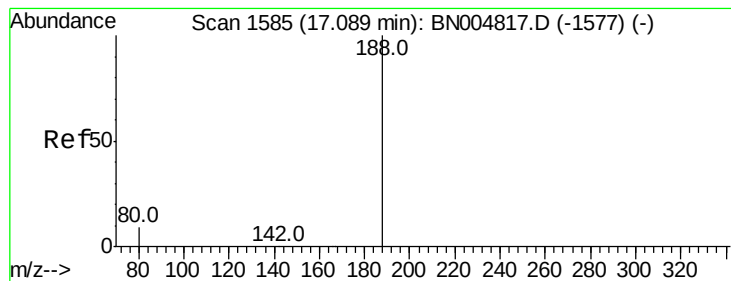
Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	22.6	18.7	28.1

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

BNA_N

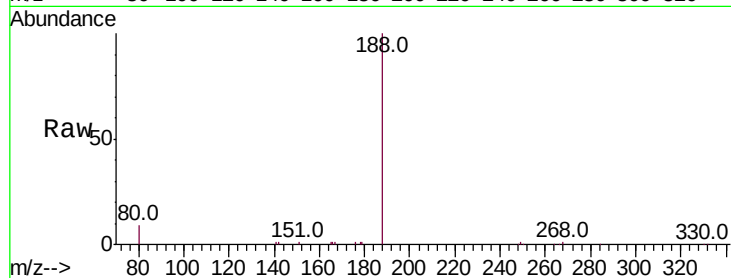
ClientSampleId :

C-MW-07_030719

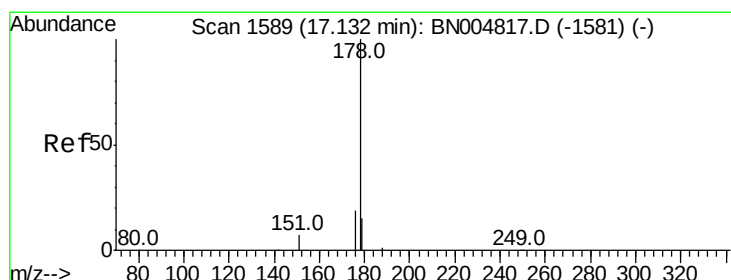
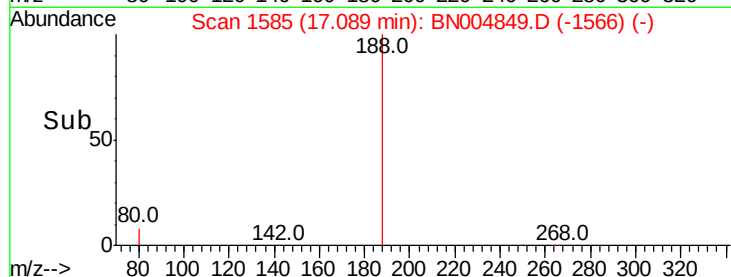
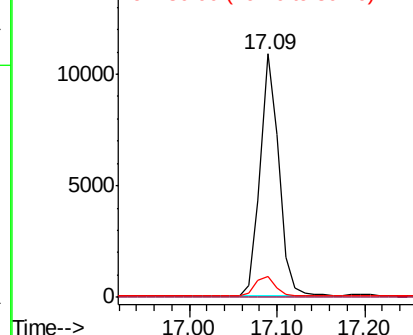
Tot Ion:	188	Resp:	16242
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.7	7.4	11.2

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC



#23

Phenanthrene

Concen: 0.023 ng m

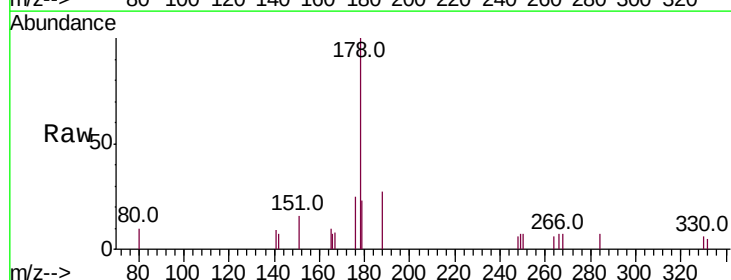
RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

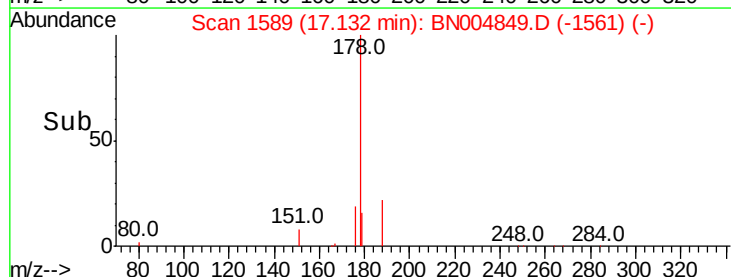
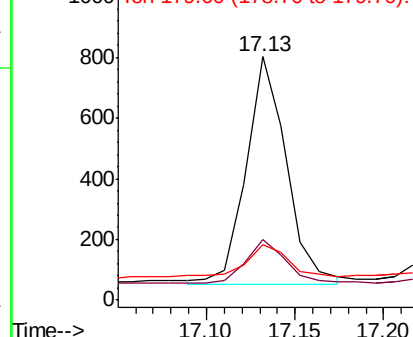
Lab File: BN004849.D

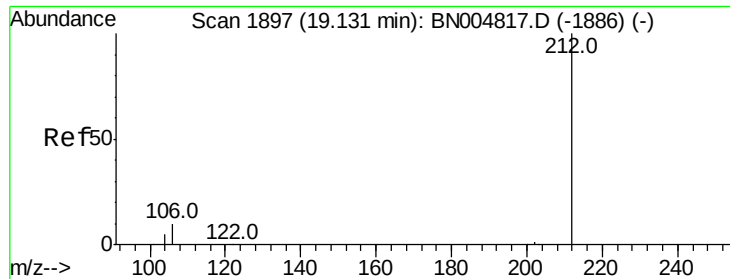
Acq: 21 Mar 2019 14:40

Tgt Ion:	178	Resp:	1183
Ion Ratio	Lower	Upper	
178	100		
176	4.0	14.9	22.3#
179	3.4	12.1	18.1#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

BNA_N

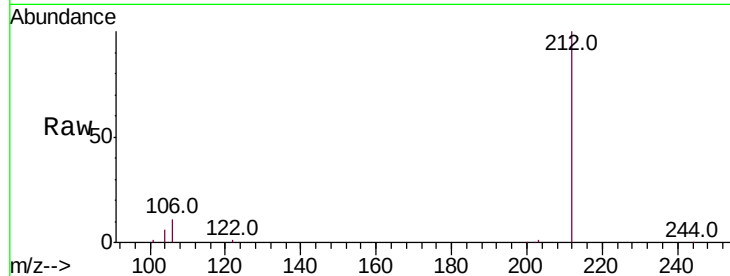
ClientSampleId :

C-MW-07_030719

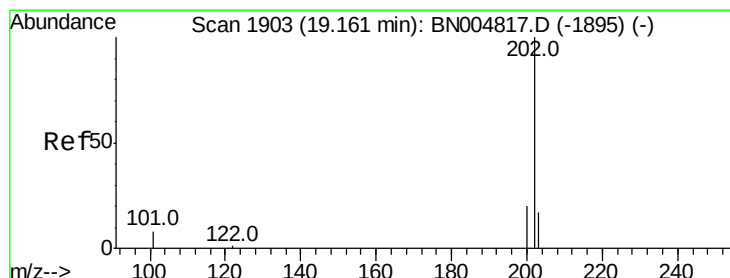
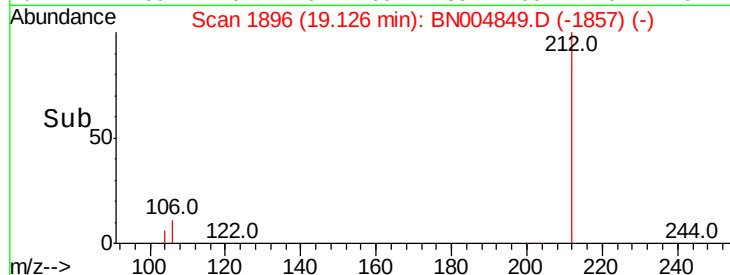
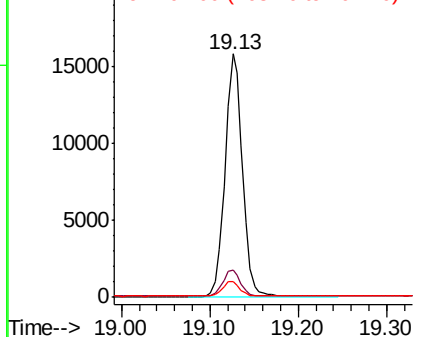
Tot Ion:	212	Resp:	21638
Ion Ratio	Lower	Upper	
212	100		
106	11.0	8.6	13.0
104	6.1	4.7	7.1

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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: 0.027 ng

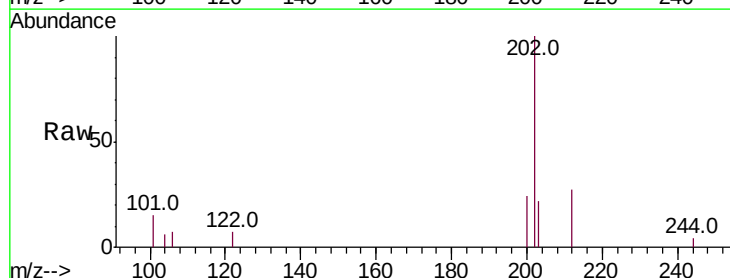
RT: 19.16 min Scan# 1902

Delta R.T. -0.01 min

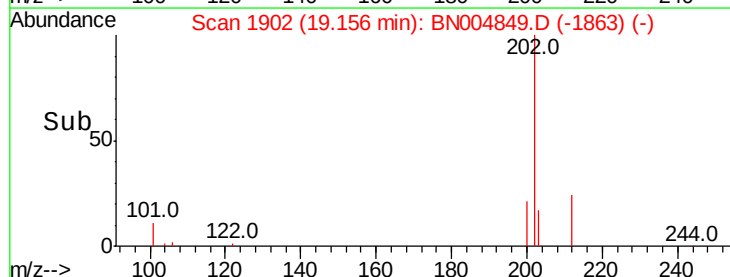
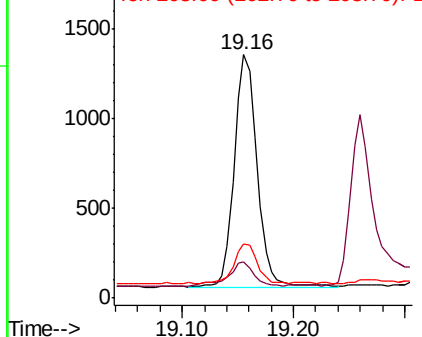
Lab File: BN004849.D

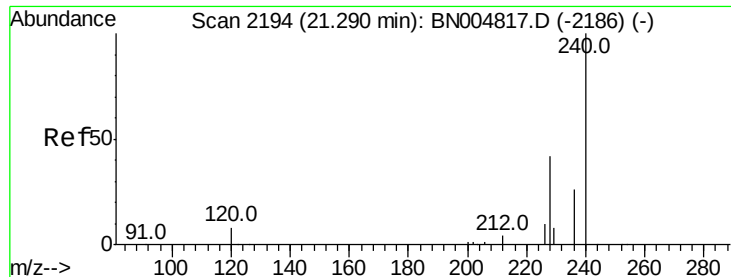
Acq: 21 Mar 2019 14:40

Tgt Ion:	202	Resp:	1840
Ion Ratio	Lower	Upper	
202	100		
101	11.6	7.5	11.3#
203	17.4	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

BNA_N

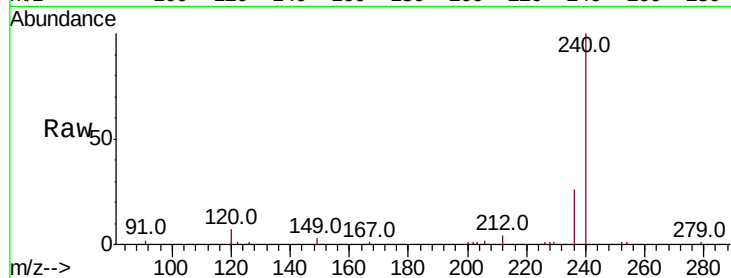
ClientSampleId :

C-MW-07_030719

Tot Ion:	240	Resp:	21852
Ion Ratio	Lower	Upper	
240	100		
120	6.7	7.2	10.8#
236	26.3	20.9	31.3

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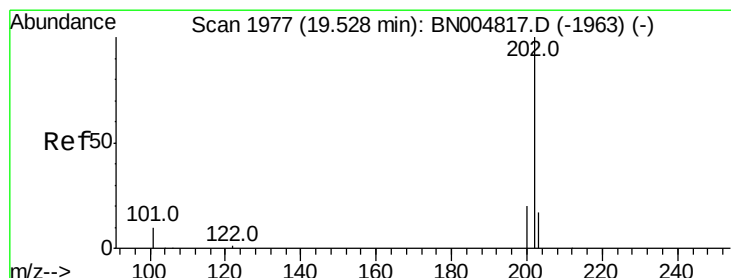
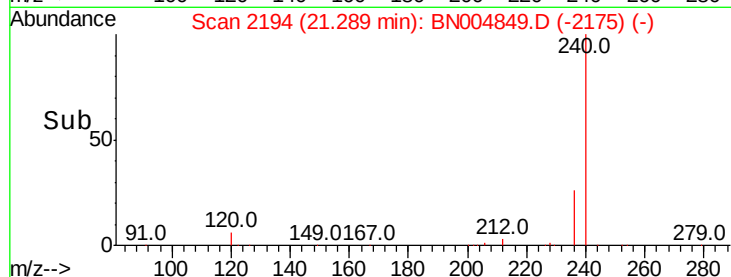
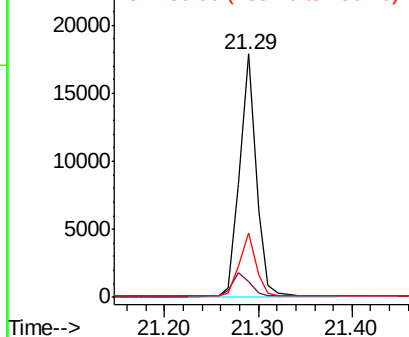


Abundance

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: 0.024 ng

RT: 19.52 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

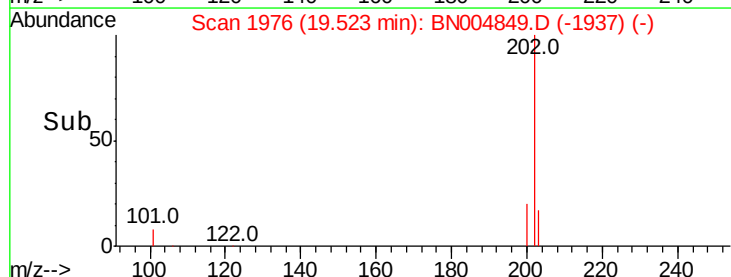
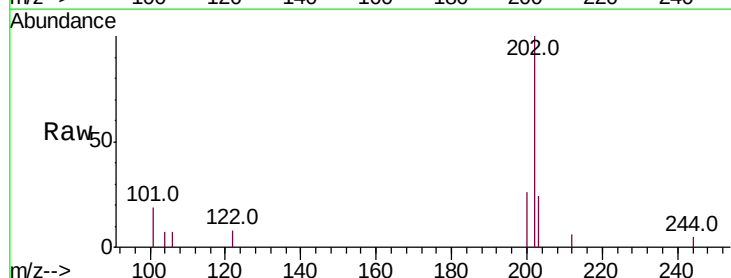
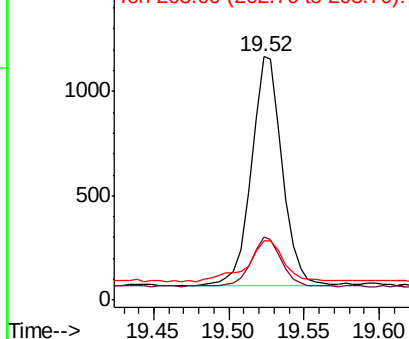
Tgt Ion:	202	Resp:	1587
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.3	24.5
203	21.3	14.0	21.0#

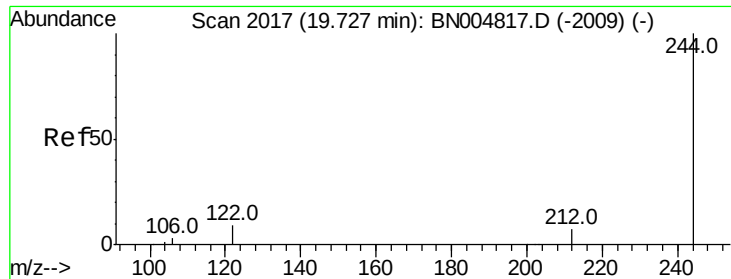
Abundance

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: 0.514 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Instrument :

BNA_N

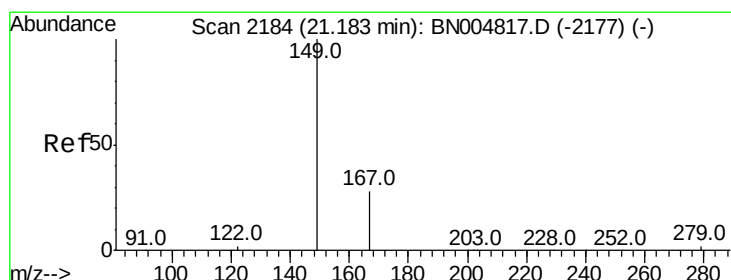
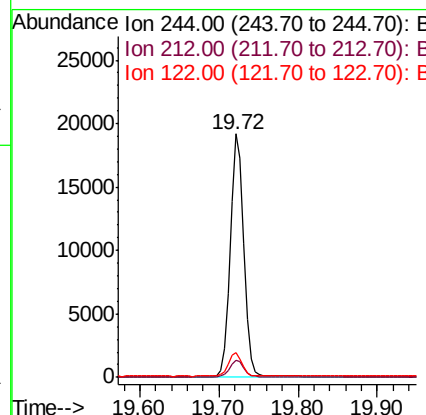
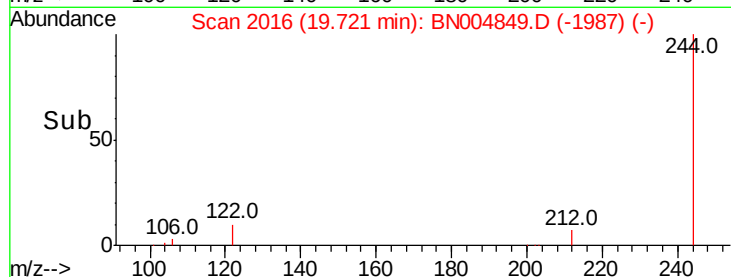
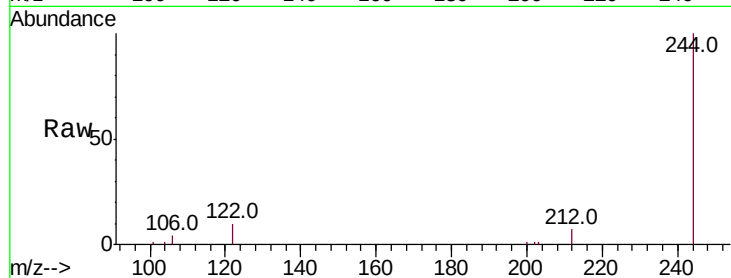
ClientSampleId :

C-MW-07_030719

Tot Ion:	244	Resp:	22995
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	10.2	7.9	11.9

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.054 ng

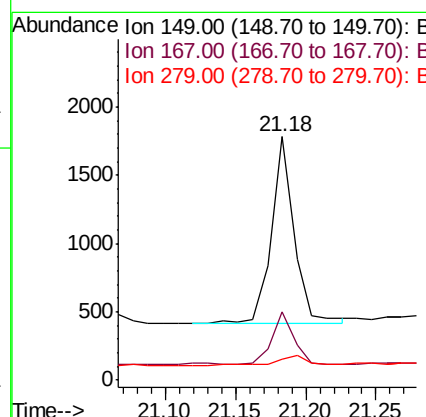
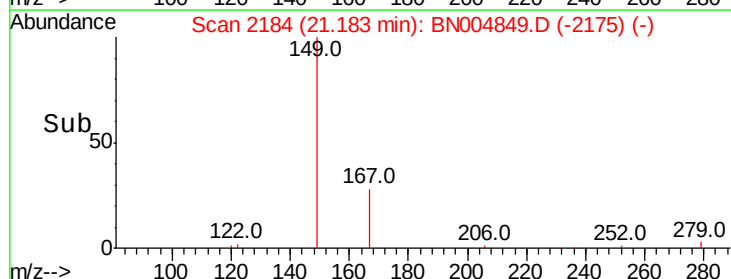
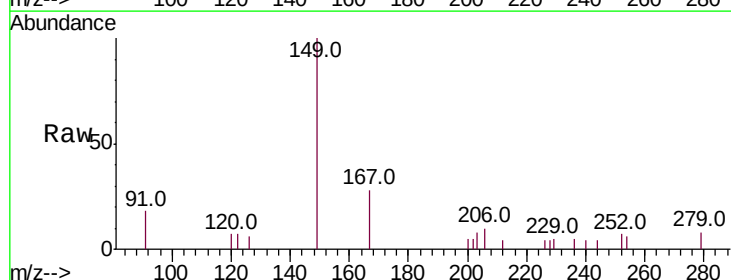
RT: 21.18 min Scan# 2184

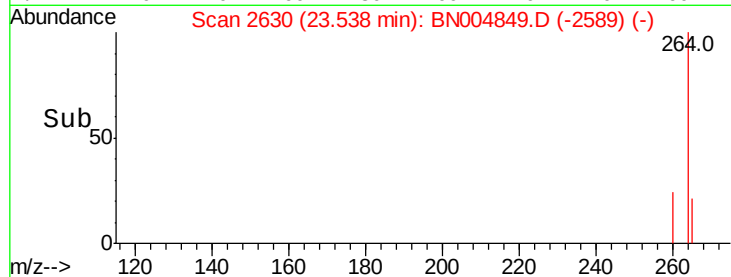
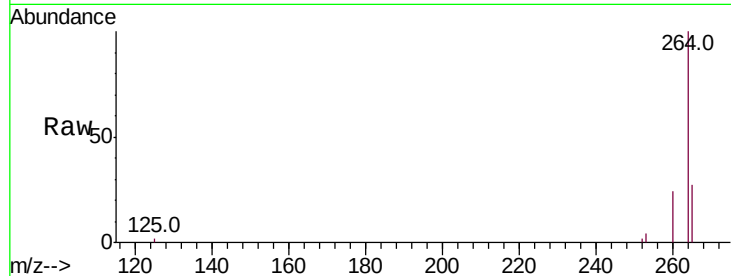
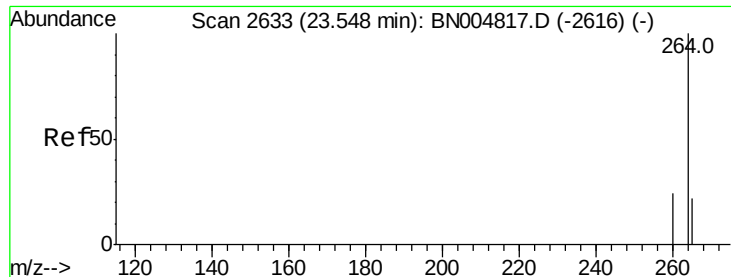
Delta R.T. -0.00 min

Lab File: BN004849.D

Acq: 21 Mar 2019 14:40

Tgt Ion:	149	Resp:	1557
Ion Ratio	Lower	Upper	
149	100		
167	26.3	23.0	34.4
279	7.2	4.6	6.8#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2630
 Delta R.T. -0.01 min
 Lab File: BN004849.D
 Acq: 21 Mar 2019 14:40

Tot Ion:	264	Resp:	24305
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	26.8	23.1	34.7

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-07_030719

Manual Integrations
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