

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004844.D
 Acq On : 21 Mar 2019 11:43
 Operator : JU/SJ
 Sample : K1842-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-06_030719

Manual Integrations
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Quant Time: Mar 22 02:11:03 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	2320	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	10515	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	6979	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	17958	0.40	ng	0.00
27) Chrysene-d12	21.29	240	25269	0.40	ng	0.00
34) Perylene-d12	23.54	264	28547	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.29	112	1029	0.16	ng	0.00
5) Phenol-d6	6.88	99	842	0.11	ng	0.00
8) Nitrobenzene-d5	8.87	82	2275	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	6846	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1665	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	11238	0.39	ng	0.00
25) Fluoranthene-d10	19.13	212	25437	0.42	ng	0.00
29) Terphenyl-d14	19.72	244	27681	0.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
23) Phenanthrene	17.13	178	10863	0.187	ng	99
24) Anthracene	17.23	178	1445	0.028	ng	# 94
26) Fluoranthene	19.16	202	22930	0.308	ng	100
28) Pyrene	19.52	202	17312	0.225	ng	# 95
30) Benzo(a)anthracene	21.27	228	6208	0.075	ng	94
31) Chrysene	21.32	228	8698	0.100	ng	95
32) Bis(2-ethylhexyl)phthalate	21.18	149	4220	0.127	ng	98
33) Indeno(1,2,3-cd)pyrene	25.81	276	6592	0.052	ng	96
35) Benzo(b)fluoranthene	22.86	252	12068	0.117	ng	# 88
36) Benzo(k)fluoranthene	22.91	252	4209m	0.041	ng	
37) Benzo(a)pyrene	23.44	252	7078	0.075	ng	# 85
39) Benzo(a,h,i)perylene	26.51	276	7101	0.064	ng	# 93

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

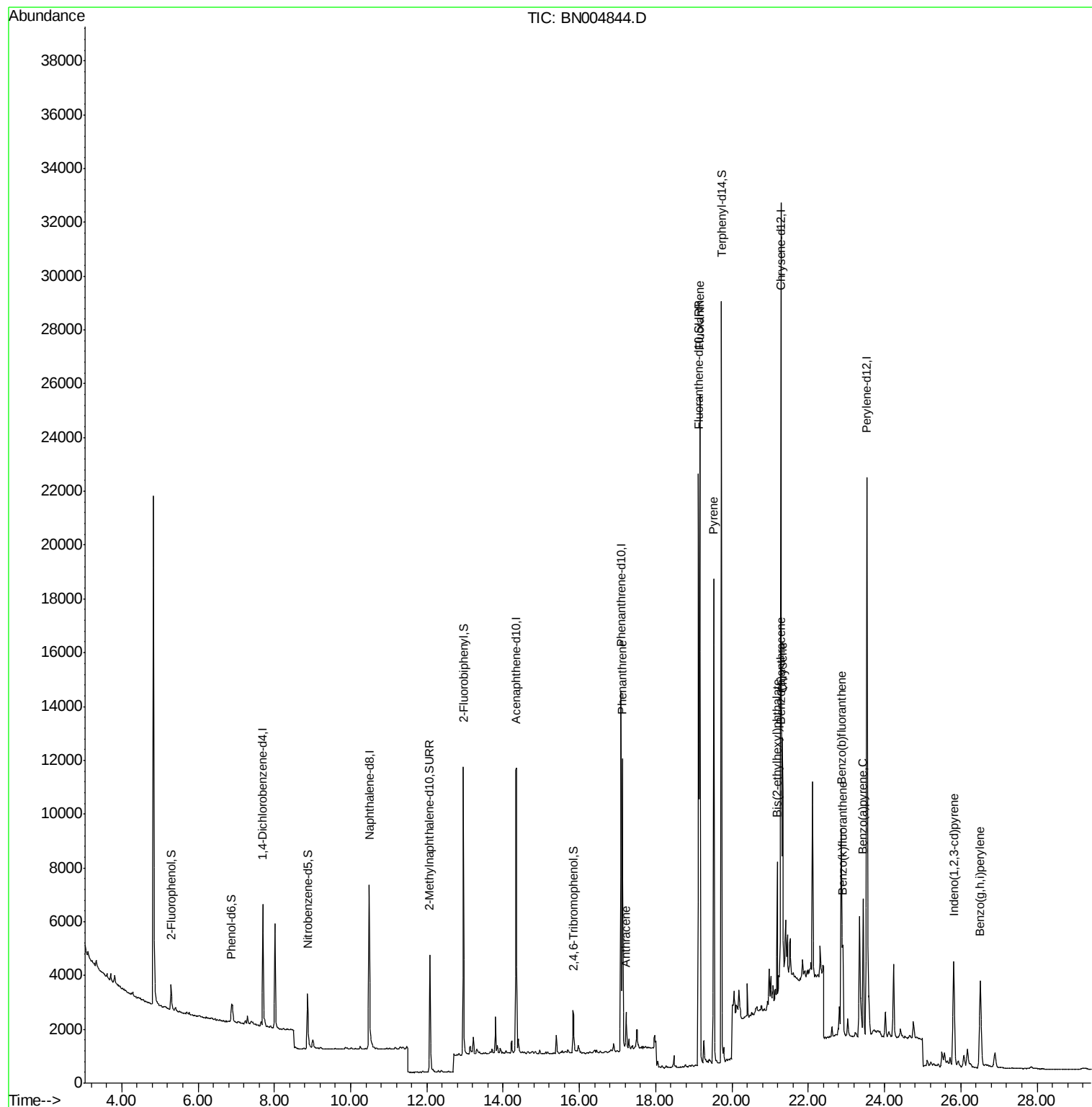
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004844.D
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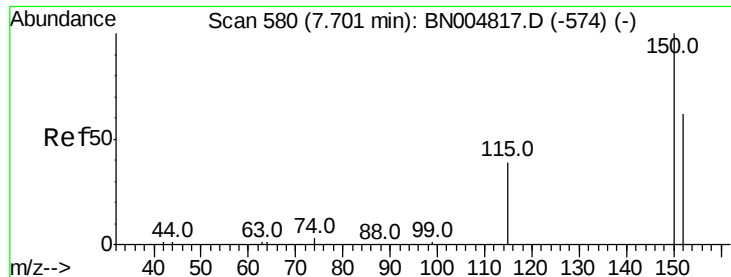
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
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#1

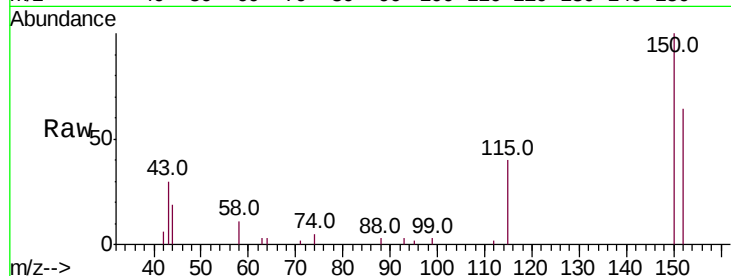
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
C-MW-06_030719

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.4
115	61.9	52.6	79.0

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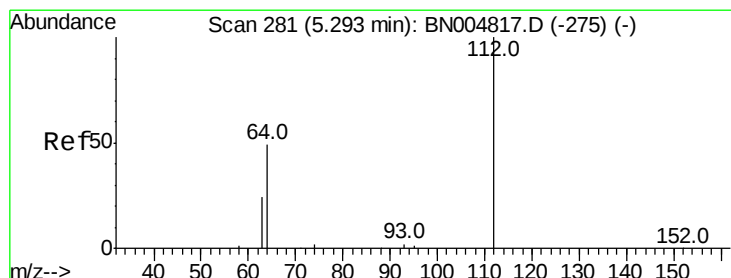
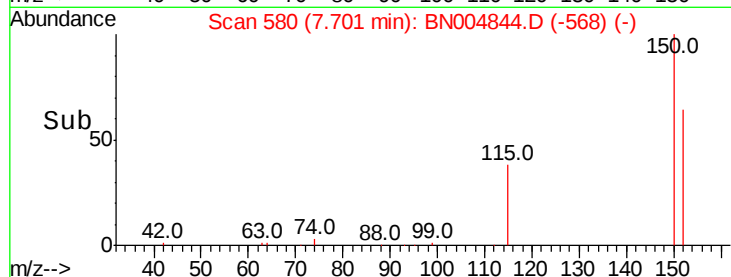
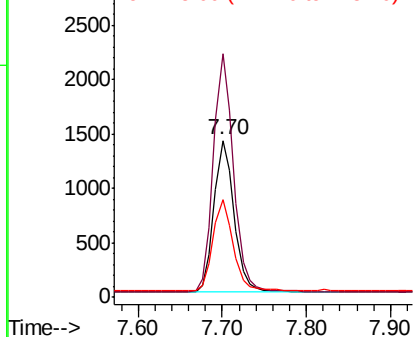


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

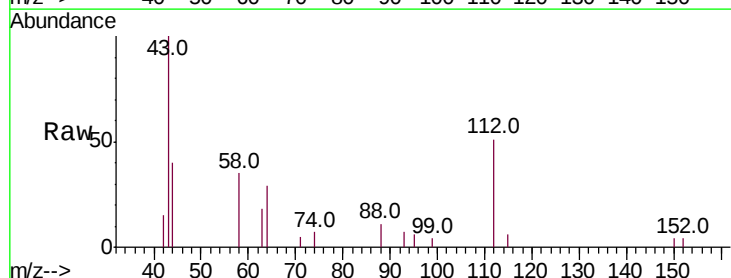
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.163 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.9	40.0	60.0
63	26.7	20.2	30.2

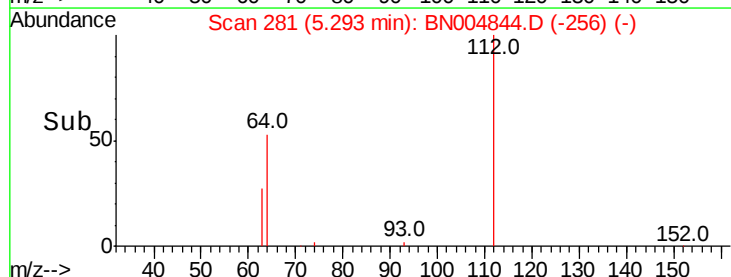
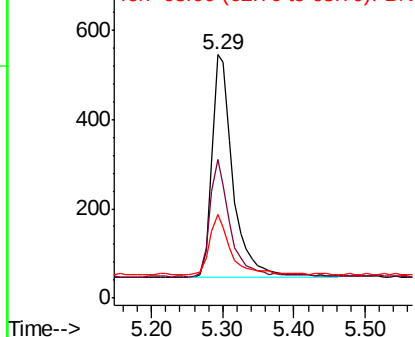


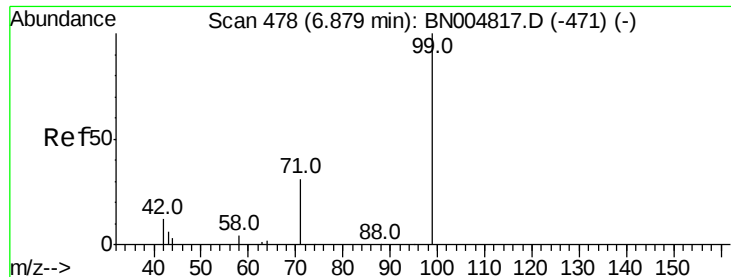
Abundance

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: 0.107 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004844.D

Acq: 21 Mar 2019 11:43

Instrument :

BNA_N

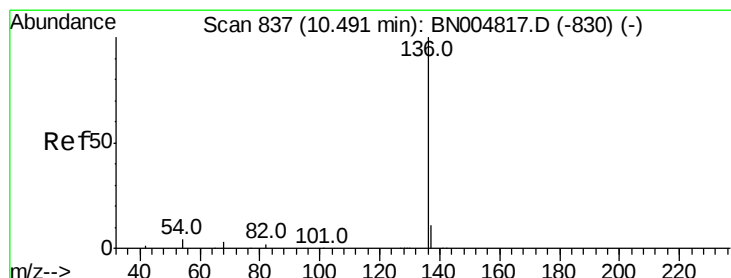
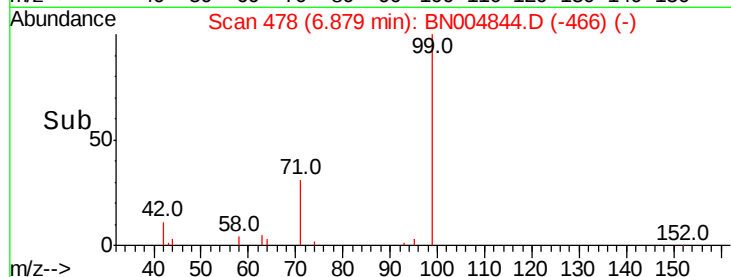
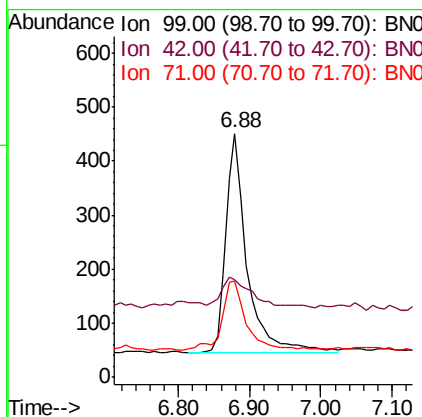
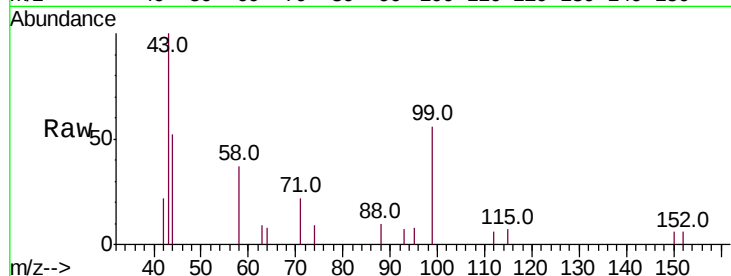
ClientSampleId :

C-MW-06_030719

Tot Ion:	99	Resp:	842
Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.7	19.1
71	36.3	26.6	40.0

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#7

Naphthalene-d8

Concen: 0.400 ng

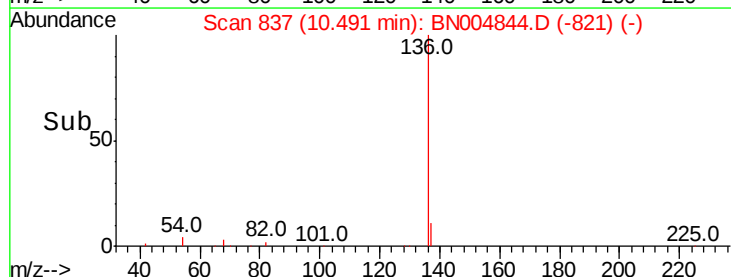
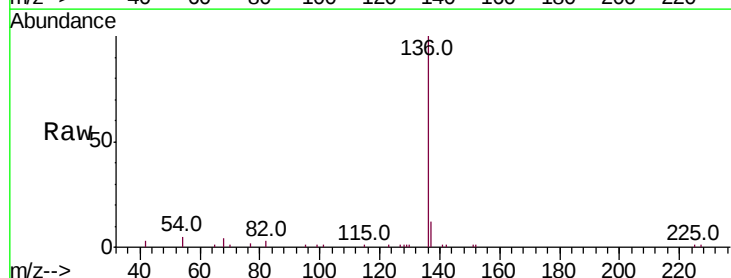
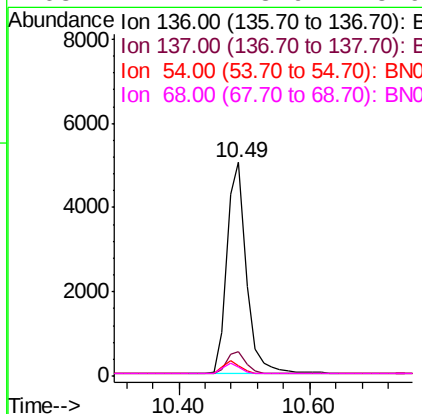
RT: 10.49 min Scan# 837

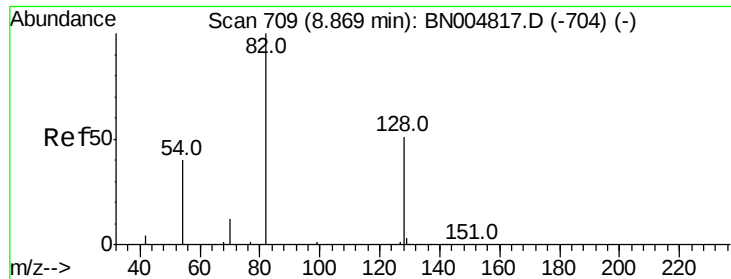
Delta R.T. -0.00 min

Lab File: BN004844.D

Acq: 21 Mar 2019 11:43

Tgt Ion:	136	Resp:	10515
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	4.7	4.2	6.2
68	4.4	3.9	5.9





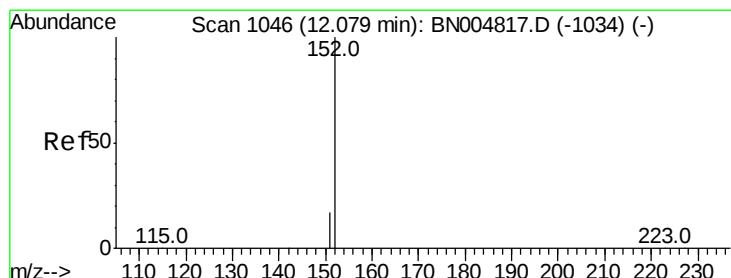
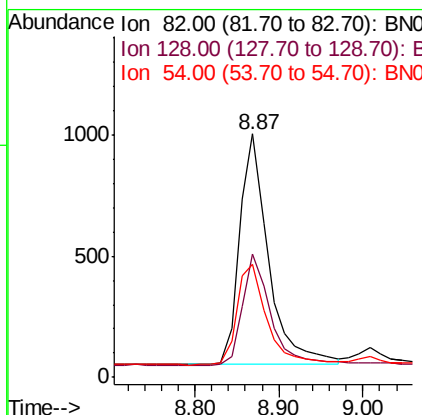
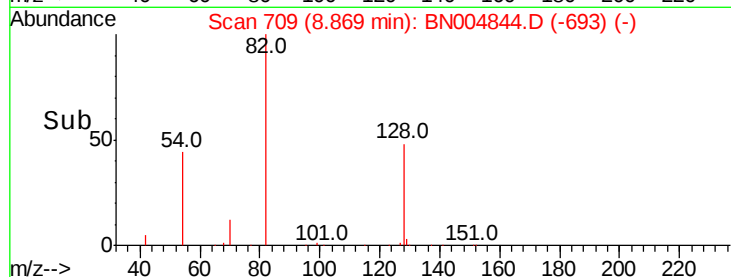
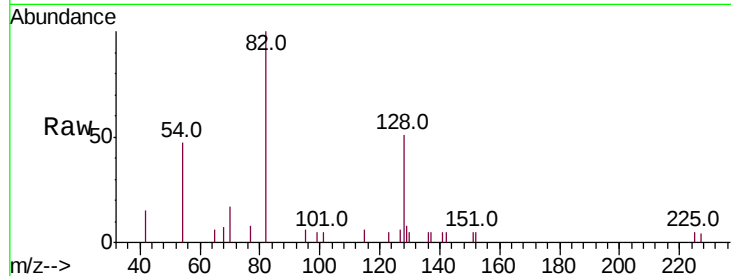
#8
 Nitrobenzene-d5
 Concen: 0.327 ng
 RT: 8.87 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN004844.D
 Acq: 21 Mar 2019 11:43

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-06_030719

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.7	43.0	64.6
54	46.6	35.3	52.9

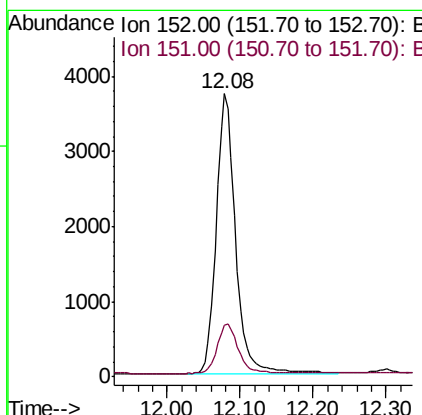
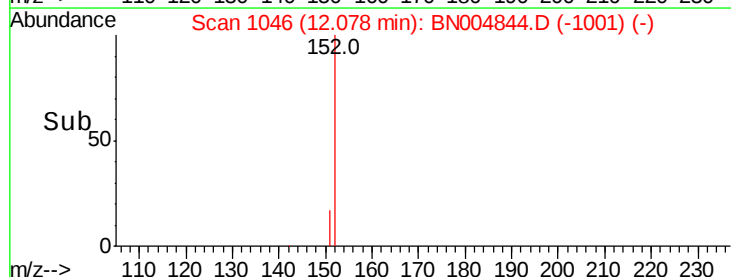
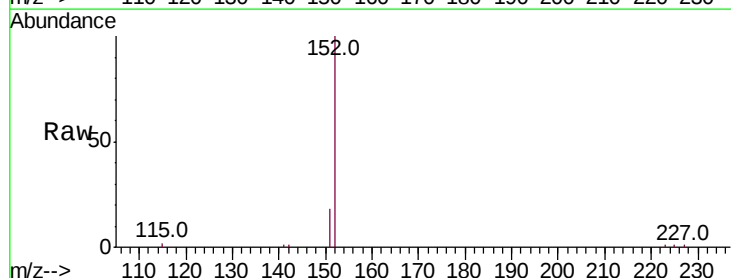
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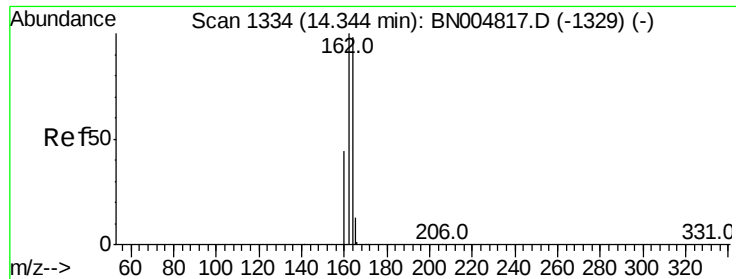
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#11
 2-Methylnaphthalene-d10
 Concen: 0.373 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BN004844.D
 Acq: 21 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004844.D

Acq: 21 Mar 2019 11:43

Instrument :

BNA_N

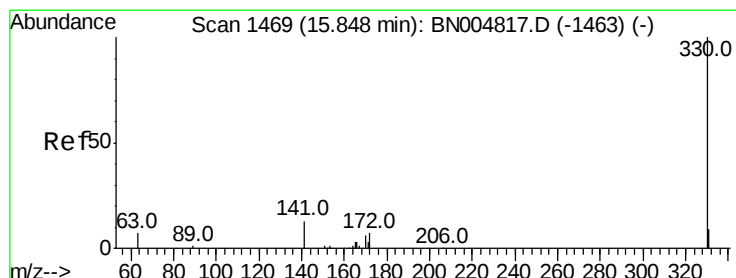
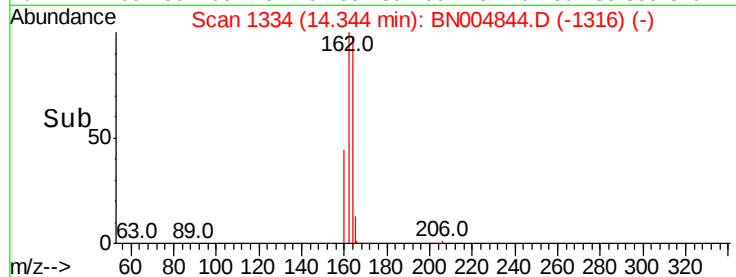
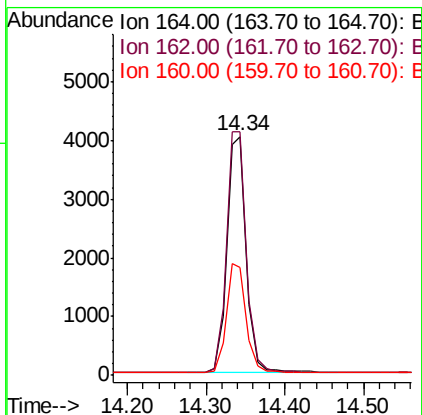
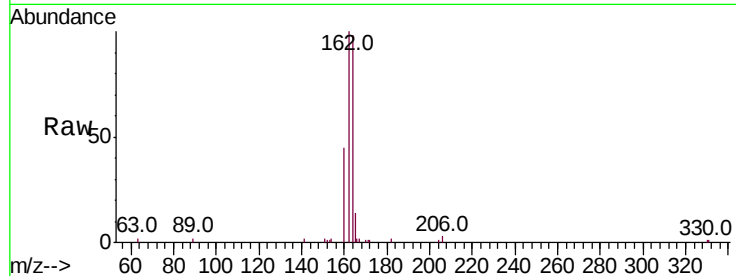
ClientSampleId :

C-MW-06_030719

Tot Ion:	164	Resp:	6979
Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.9	122.9
160	45.3	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.345 ng

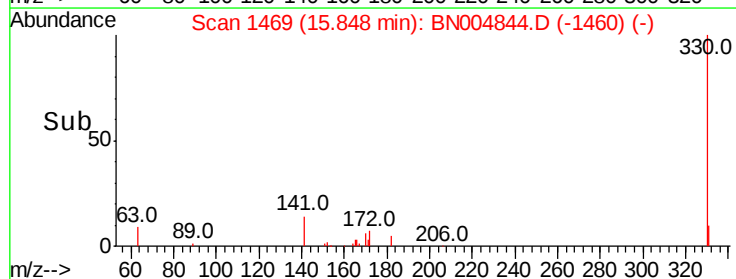
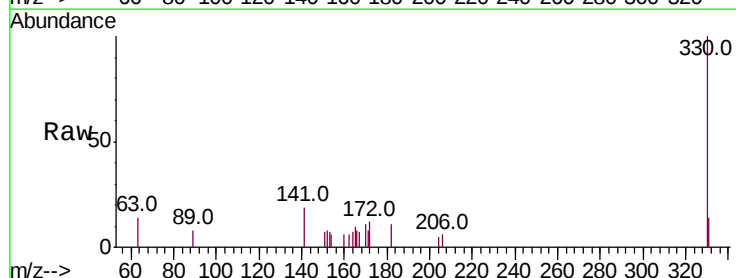
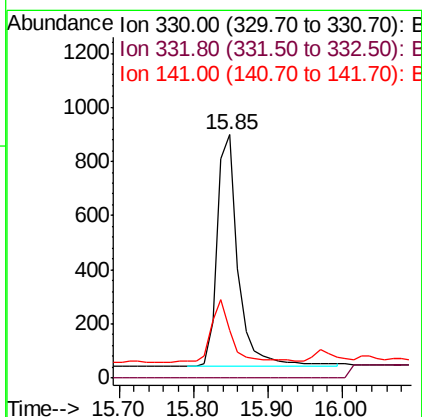
RT: 15.85 min Scan# 1469

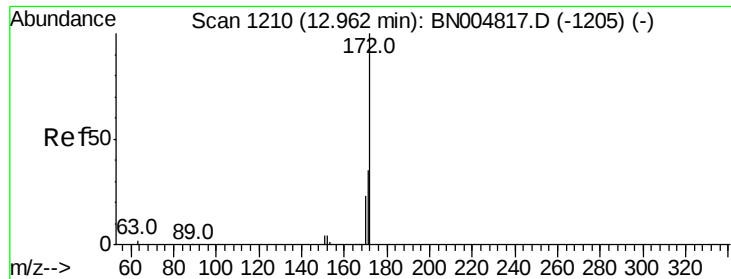
Delta R.T. -0.00 min

Lab File: BN004844.D

Acq: 21 Mar 2019 11:43

Tgt Ion:	330	Resp:	1665
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.8	20.9	31.3





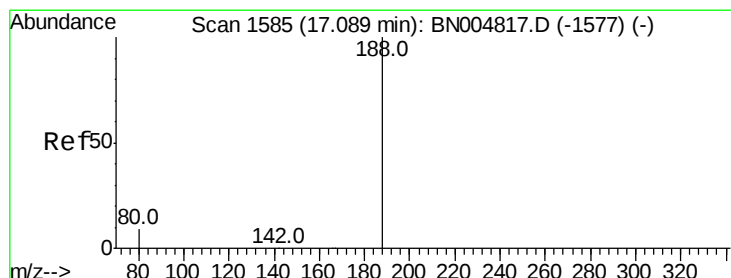
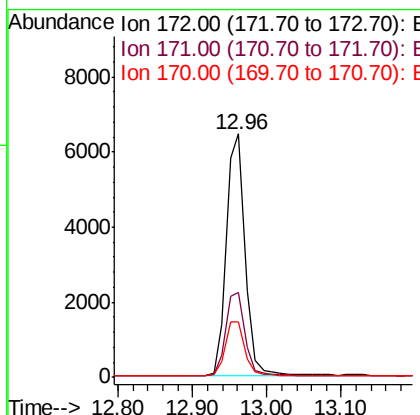
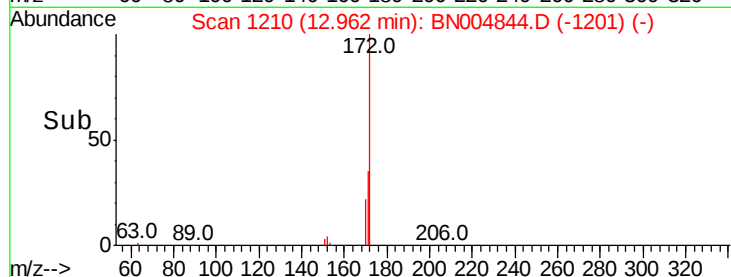
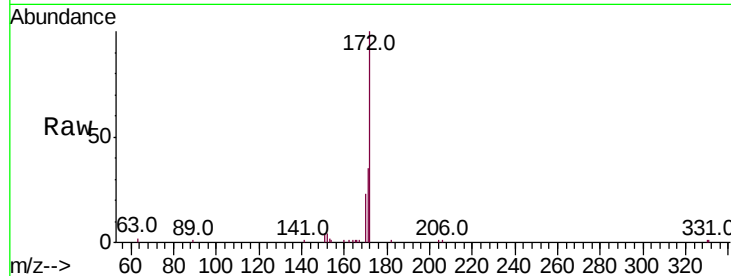
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Instrument :
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C-MW-06_030719

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	22.6	18.7	28.1

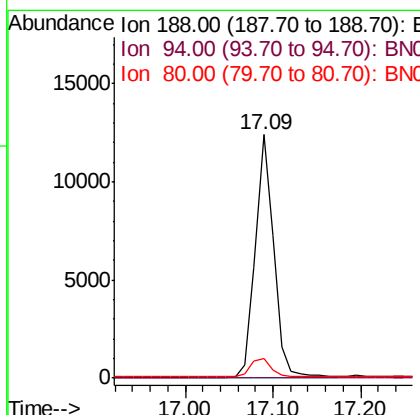
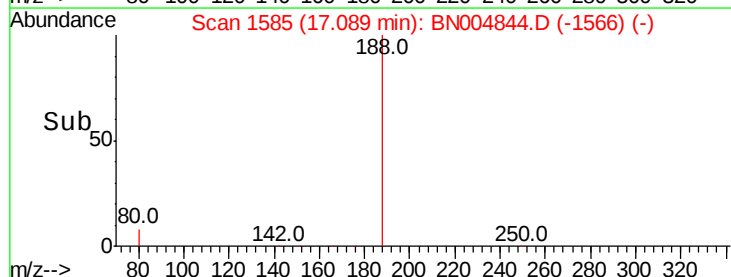
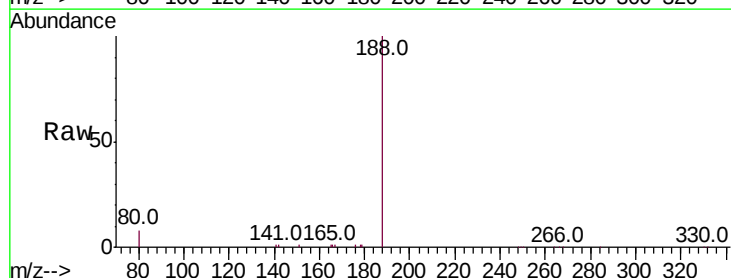
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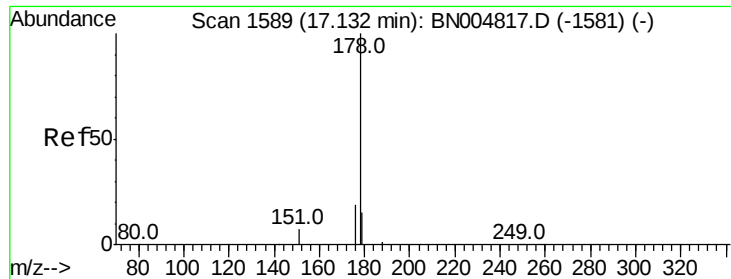
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	7.4	11.2





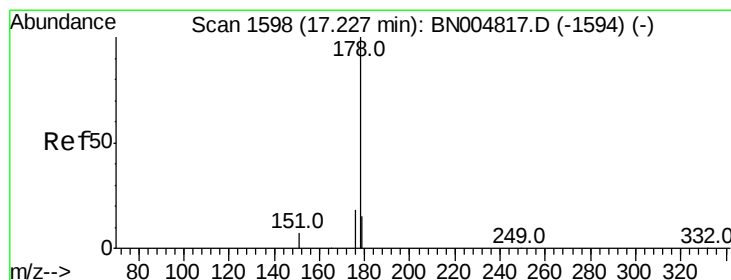
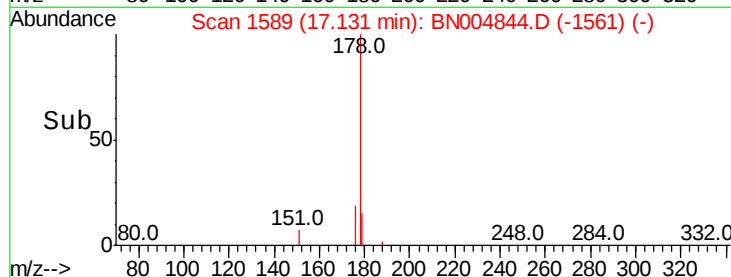
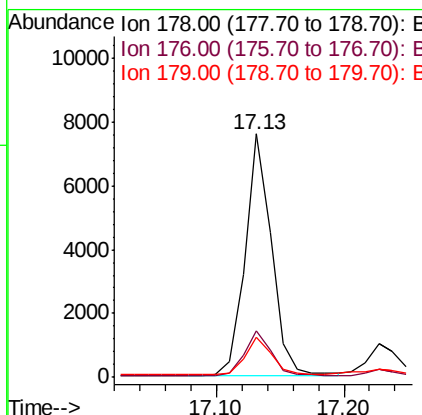
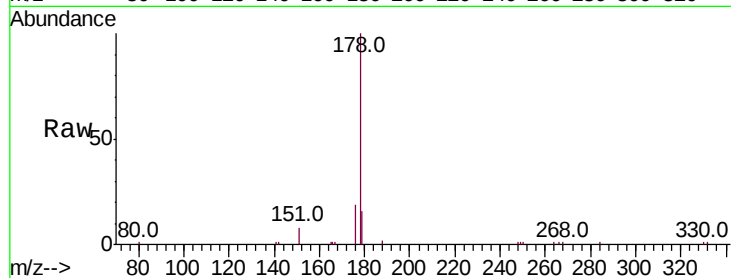
#23
Phenanthrene
Concen: 0.187 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
C-MW-06_030719

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	16.1	12.1	18.1

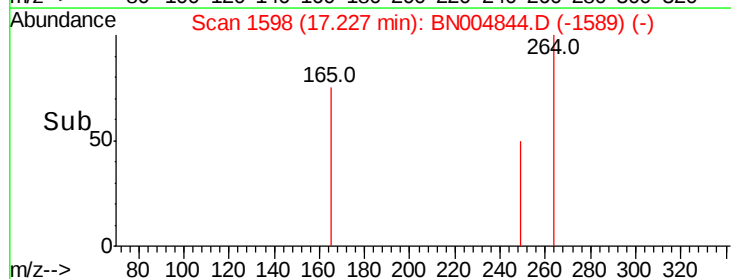
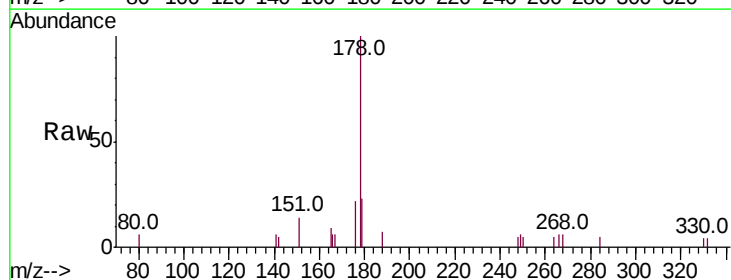
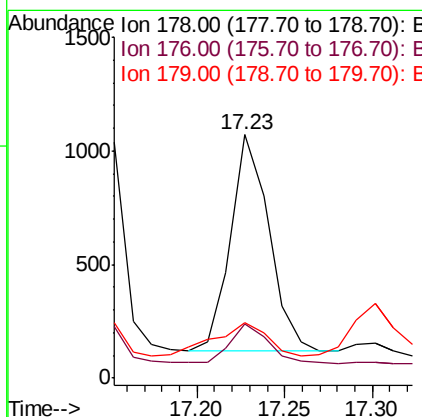
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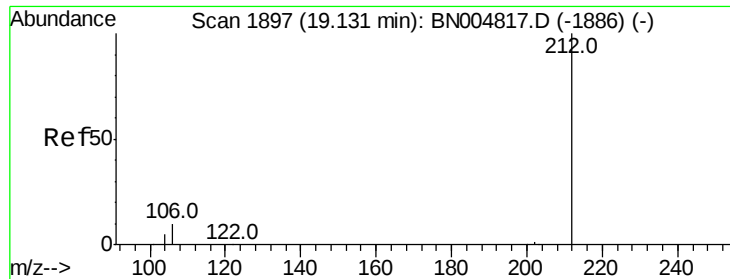
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#24
Anthracene
Concen: 0.028 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	20.8	12.2	18.4#





#25

Fluoranthene-d10

Concen: 0.423 ng

RT: 19.13 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN004844.D

Acq: 21 Mar 2019 11:43

Instrument :

BNA_N

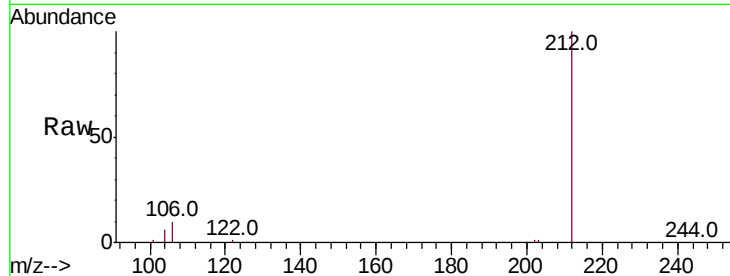
ClientSampleId :

C-MW-06_030719

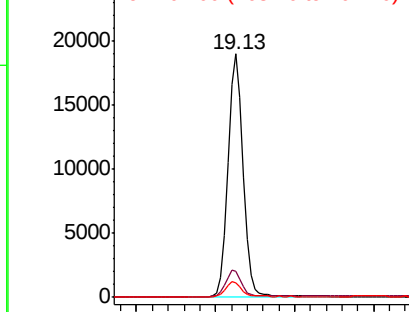
Tot Ion:	212	Resp:	25437
Ion Ratio	Lower	Upper	
212	100		
106	10.9	8.6	13.0
104	6.0	4.7	7.1

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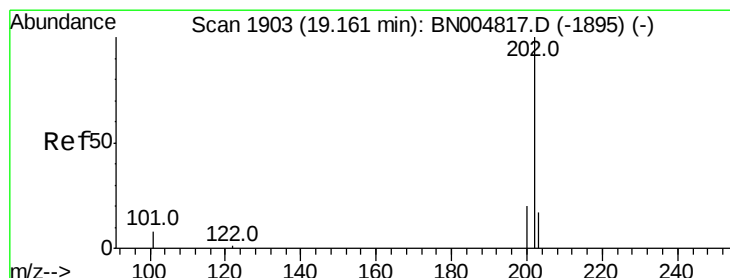
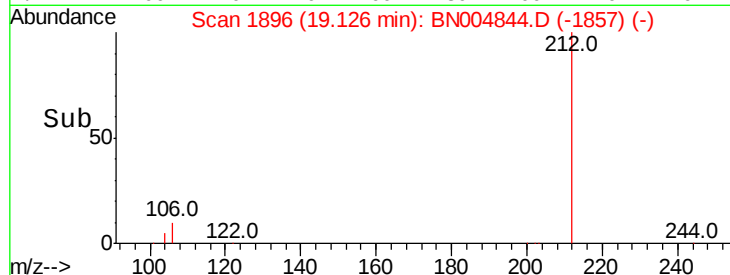
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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.308 ng

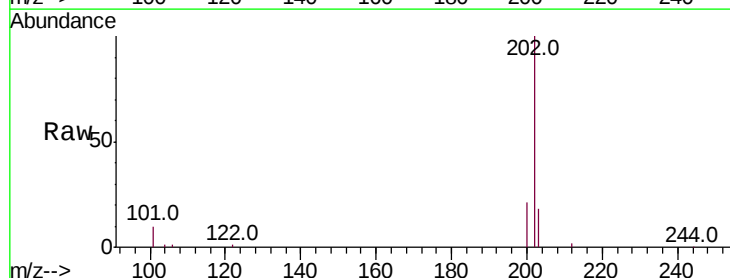
RT: 19.16 min Scan# 1902

Delta R.T. -0.01 min

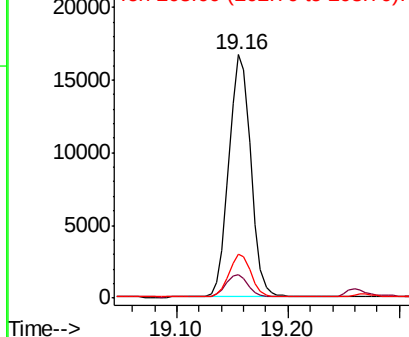
Lab File: BN004844.D

Acq: 21 Mar 2019 11:43

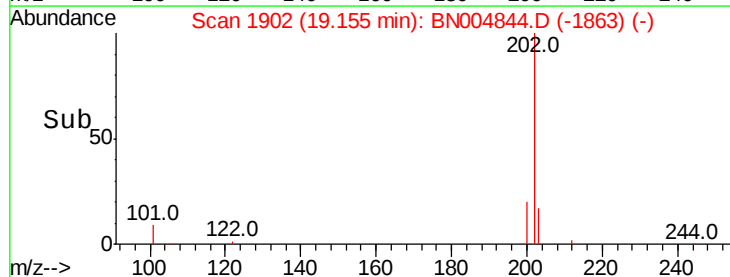
Tgt Ion:	202	Resp:	22930
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.5	11.3
203	17.2	13.8	20.6

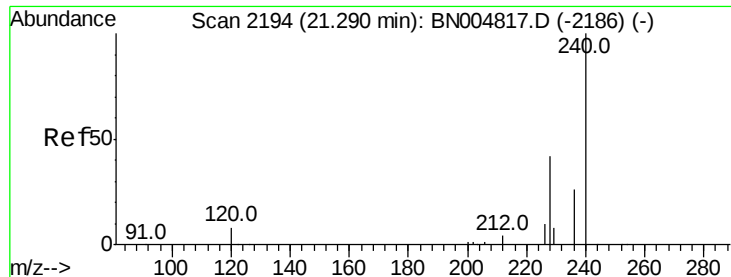


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





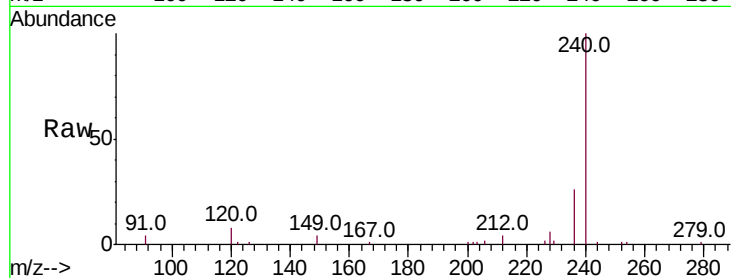
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Instrument :
BNA_N
ClientSampled :
C-MW-06_030719

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.2	10.8
236	26.2	20.9	31.3

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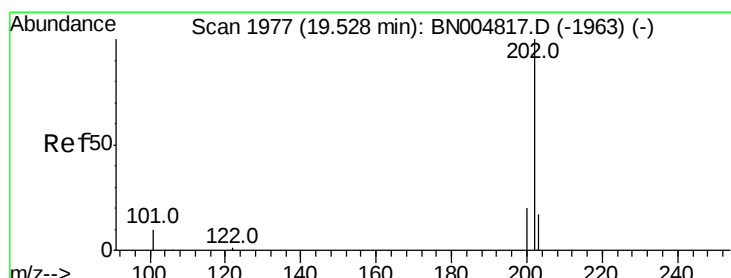
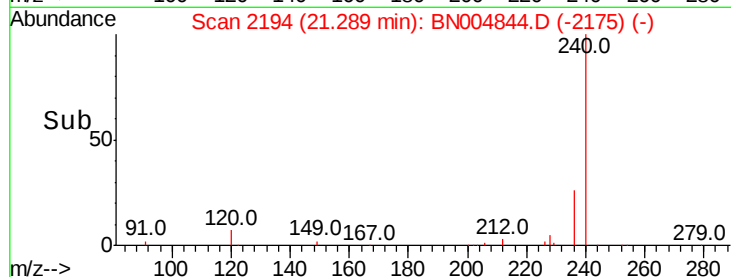
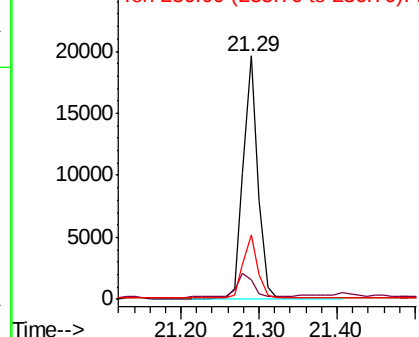


Abundance

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: 0.225 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

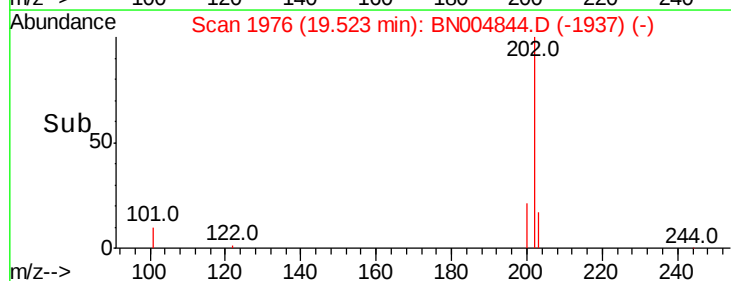
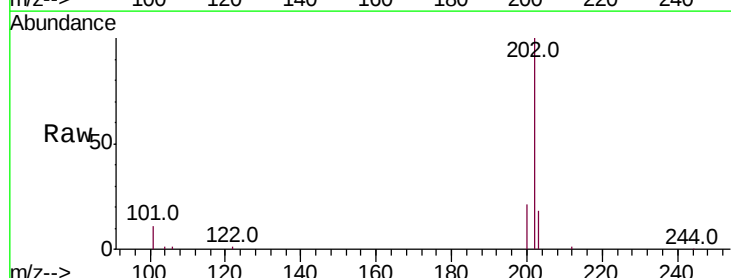
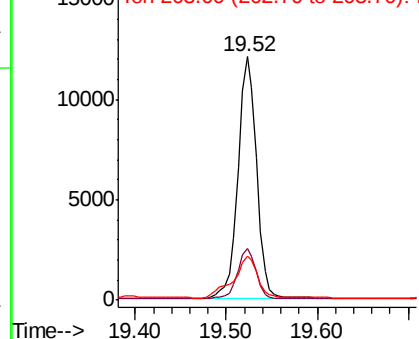
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	22.1	14.0	21.0

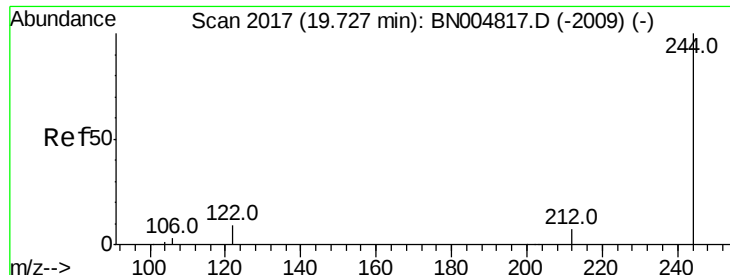
Abundance

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: 0.535 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004844.D

Acq: 21 Mar 2019 11:43

Instrument :

BNA_N

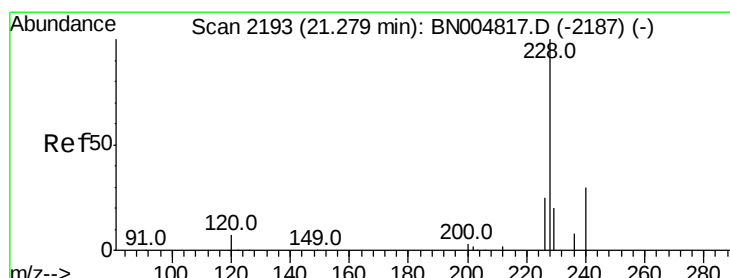
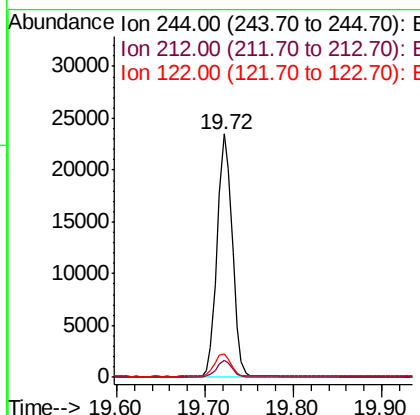
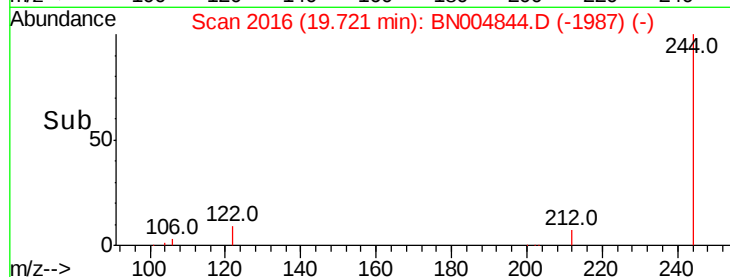
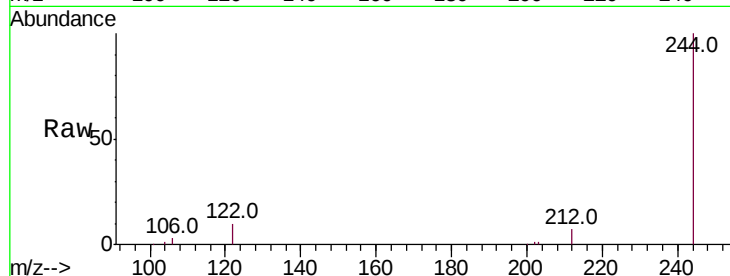
ClientSampleId :

C-MW-06_030719

Tot Ion:	244	Resp:	27681
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.6
122	9.8	7.9	11.9

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#30

Benzo(a)anthracene

Concen: 0.075 ng

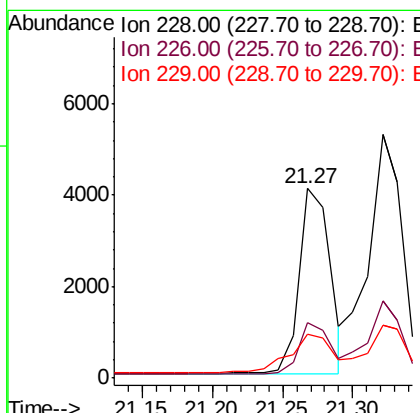
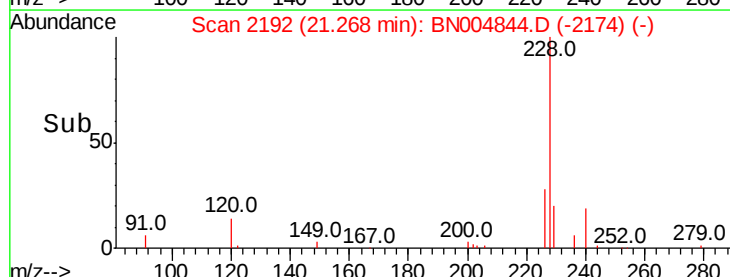
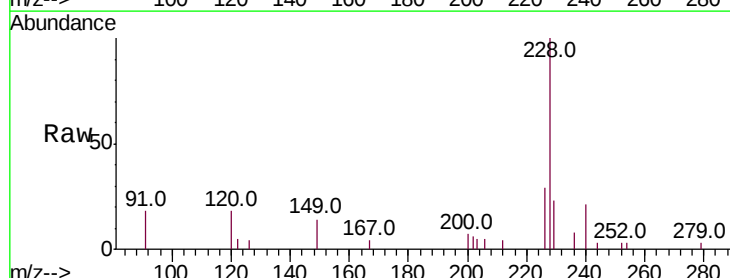
RT: 21.27 min Scan# 2192

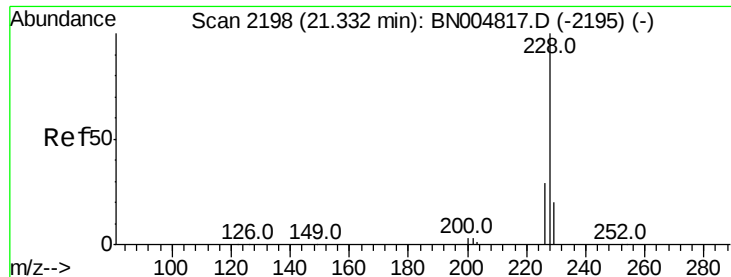
Delta R.T. -0.01 min

Lab File: BN004844.D

Acq: 21 Mar 2019 11:43

Tgt Ion:	228	Resp:	6208
Ion Ratio	Lower	Upper	
228	100		
226	29.2	20.6	31.0
229	23.0	16.2	24.4





#31

Chrysene

Concen: 0.100 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004844.D

Acq: 21 Mar 2019 11:43

Instrument :

BNA_N

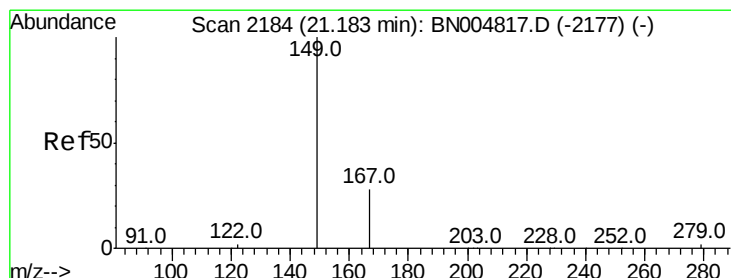
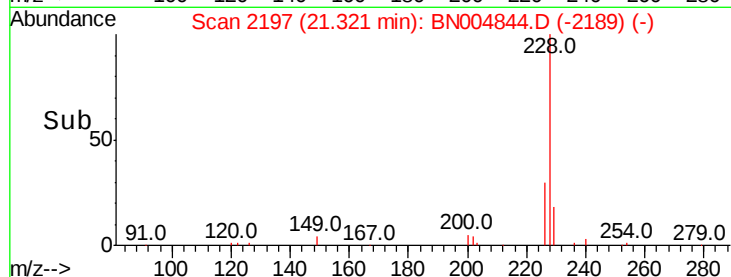
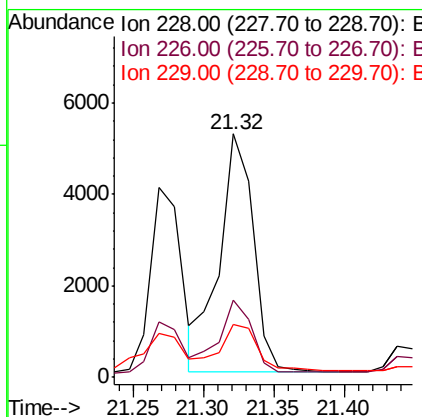
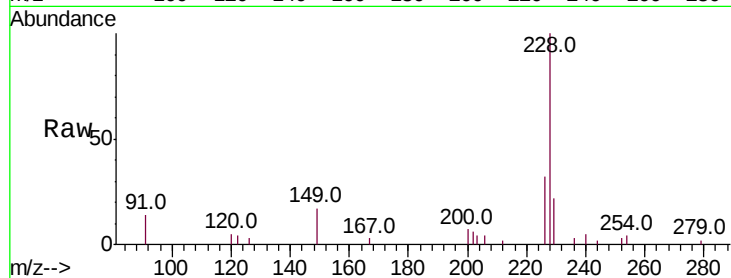
ClientSampled :

C-MW-06_030719

Tot Ion:228	Resp:	8698
Ion Ratio	Lower	Upper
228 100		
226 31.7	23.0	34.6
229 21.8	16.2	24.2

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.127 ng

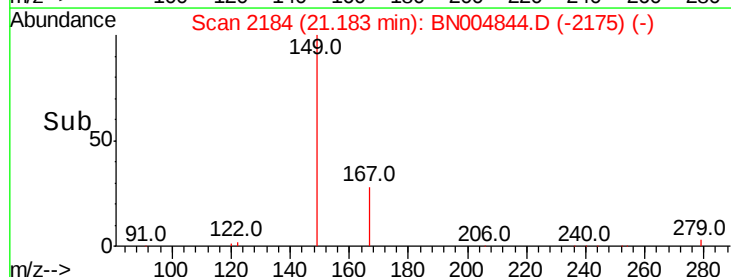
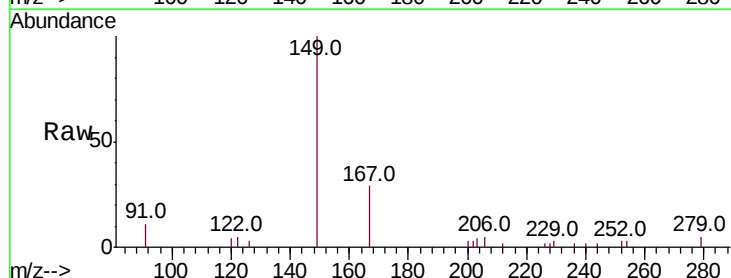
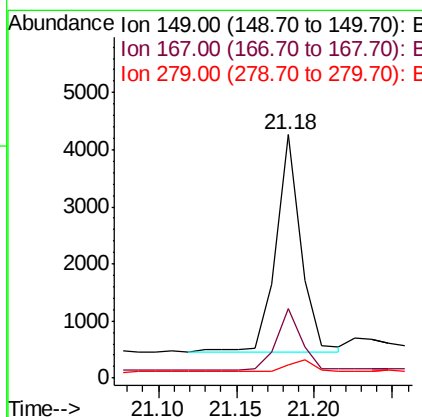
RT: 21.18 min Scan# 2184

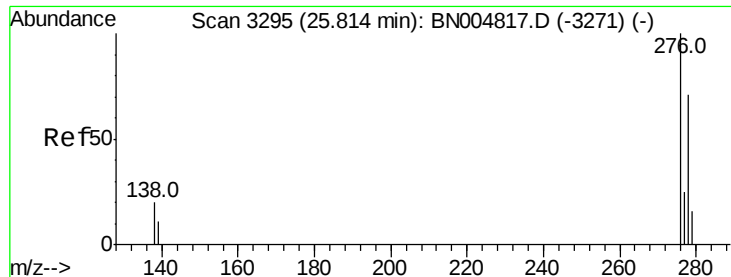
Delta R.T. -0.00 min

Lab File: BN004844.D

Acq: 21 Mar 2019 11:43

Tgt Ion:149	Resp:	4220
Ion Ratio	Lower	Upper
149 100		
167 27.5	23.0	34.4
279 6.4	4.6	6.8





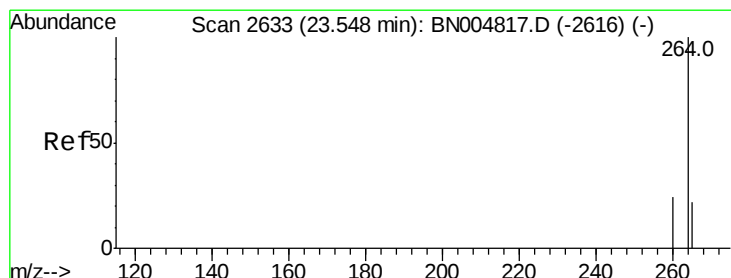
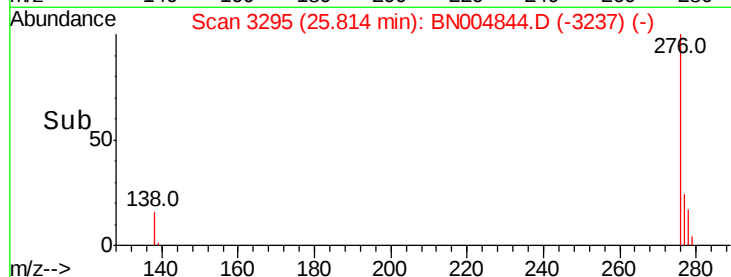
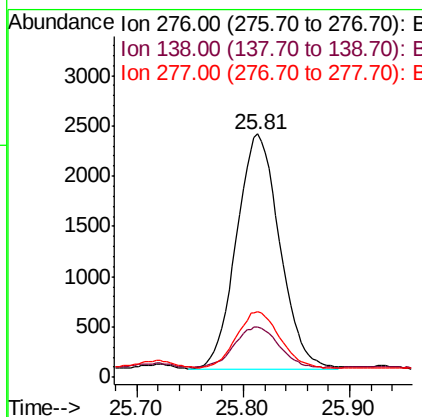
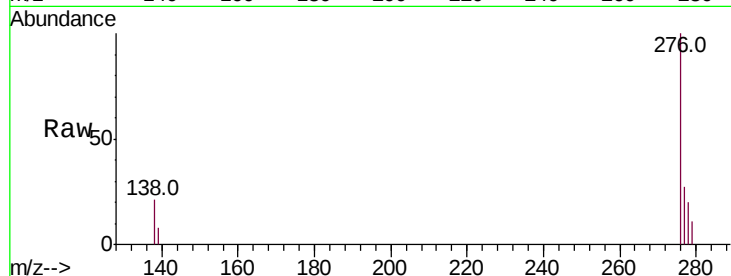
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng
RT: 25.81 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
C-MW-06_030719

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.6	16.6	24.8
277	24.4	20.3	30.5

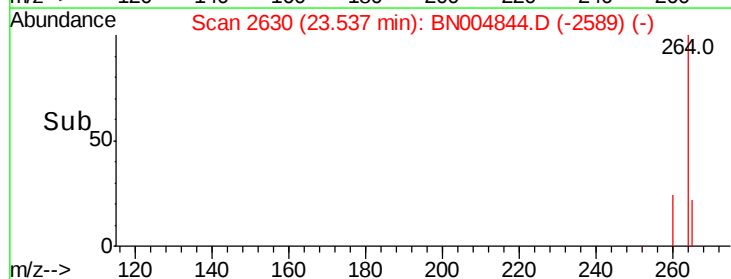
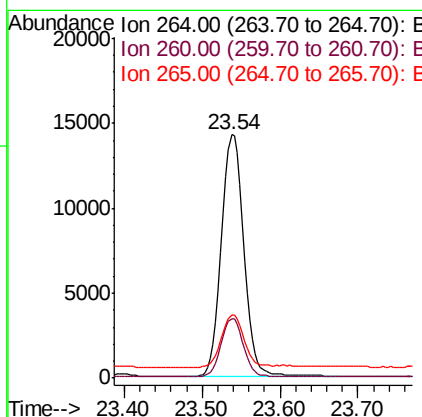
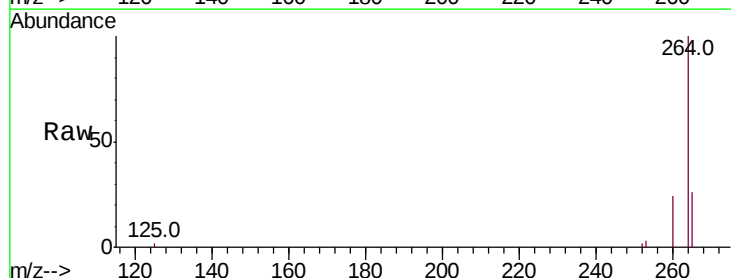
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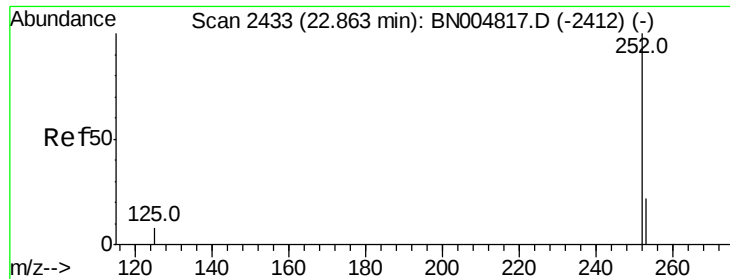
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	25.9	23.1	34.7





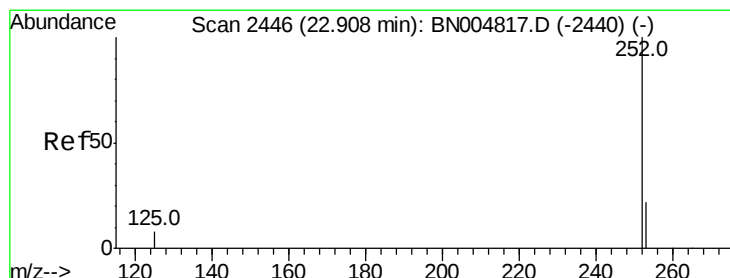
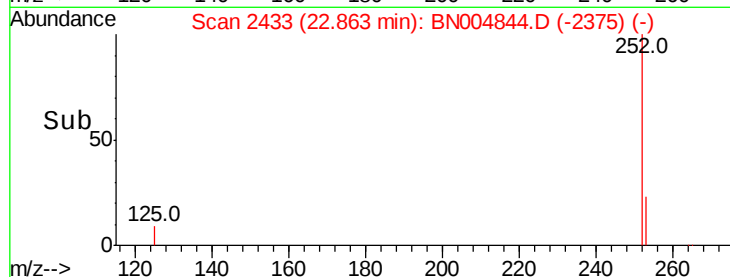
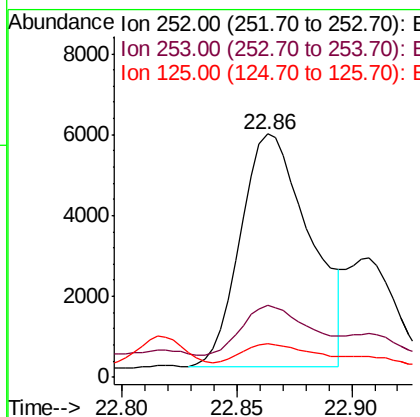
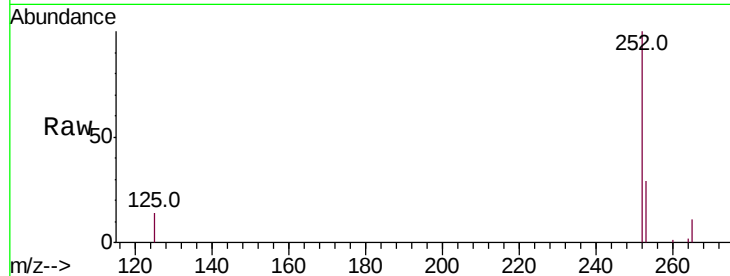
#35
Benzo(b)fluoranthene
Concen: 0.117 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
C-MW-06_030719

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	19.0	28.4#
125	13.7	7.4	11.2#

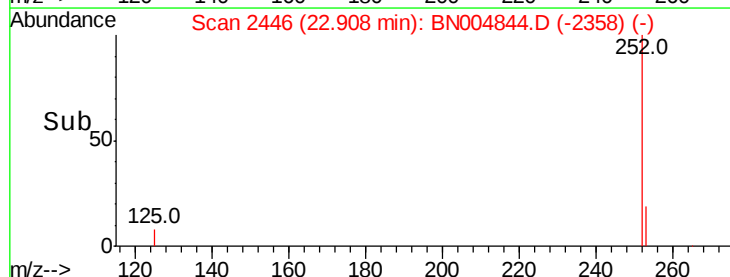
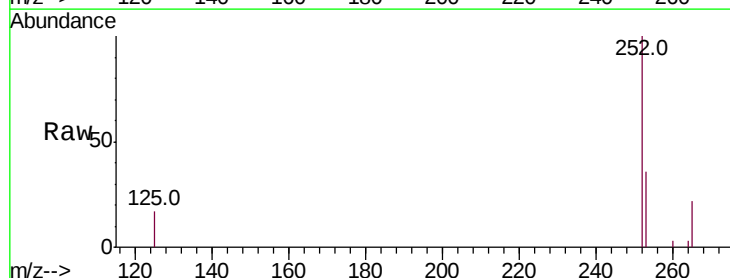
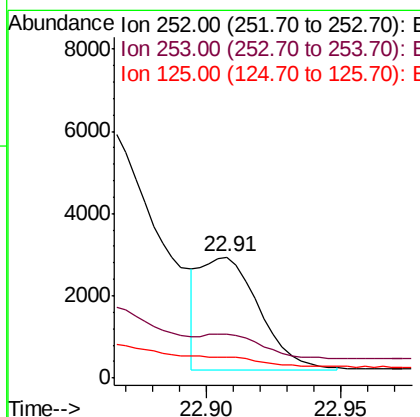
Manual Integrations
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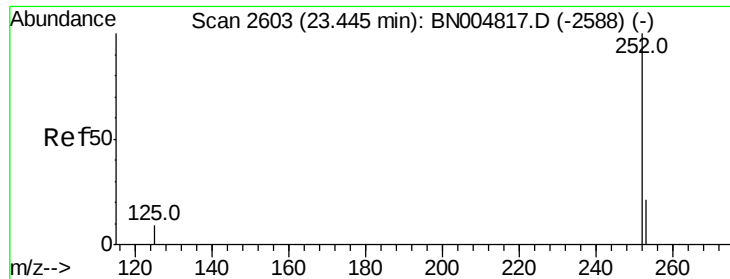
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#36
Benzo(k)fluoranthene
Concen: 0.041 ng m
RT: 22.91 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.5	19.3	28.9#
125	17.3	7.4	11.0#





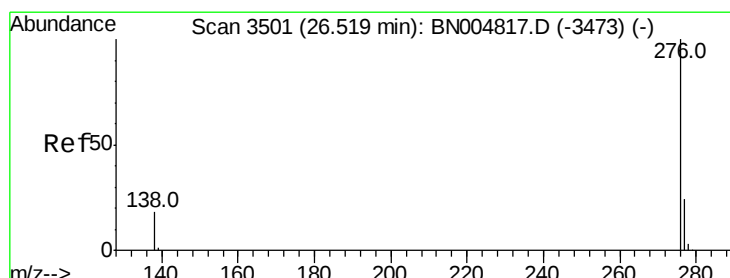
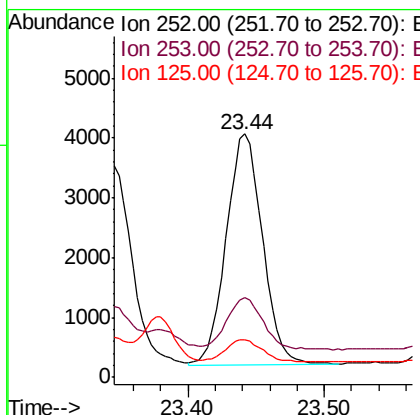
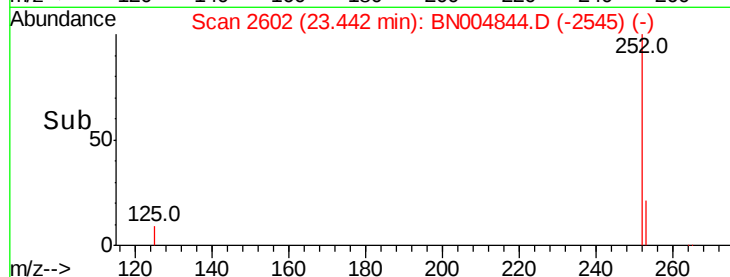
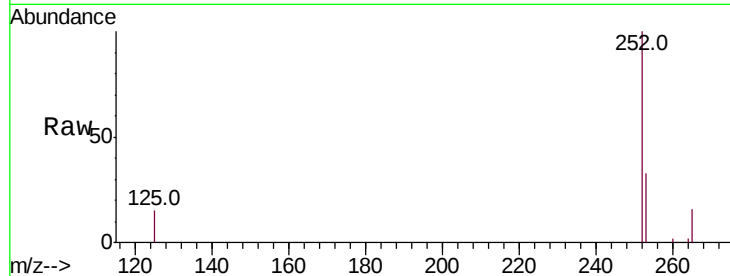
#37
Benzo(a)pyrene
Concen: 0.075 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Instrument :
BNA_N
ClientSampleId :
C-MW-06_030719

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.7	19.7	29.5#
125	15.4	8.3	12.5#

Manual Integrations
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#39
Benzo(g,h,i)perylene
Concen: 0.064 ng
RT: 26.51 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BN004844.D
Acq: 21 Mar 2019 11:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.7	29.5
138	22.0	14.6	22.0#

