

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003193.D
 Acq On : 17 Oct 2018 22:58
 Operator : MJ/SJ
 Sample : J5364-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS036-181008

Manual Integrations
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Quant Time: Oct 18 16:14:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 15:26:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	663	0.40	ng	0.04
7) Naphthalene-d8	10.49	136	3280	0.40	ng	0.06
13) Acenaphthene-d10	14.29	164	2728	0.40	ng	0.01
19) Phenanthrene-d10	17.04	188	7474	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	10357	0.40	ng	0.00
34) Perylene-d12	23.47	264	11007	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	213	0.15	ng	0.04
5) Phenol-d6	7.02	99	180m	0.09	ng	0.08
8) Nitrobenzene-d5	9.03	82	734m	0.35	ng	0.17
11) 2-Methylnaphthalene-d10	12.09	152	1929	0.35	ng	0.05
14) 2,4,6-Tribromophenol	15.83	330	376	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	3166	0.29	ng	0.01
25) Fluoranthene-d10	19.08	212	9105	0.39	ng	0.00
29) Terphenyl-d14	19.66	244	10595	0.47	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.22	88	114	0.066	ng	# 46
23) Phenanthrene	17.09	178	1188	0.061	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.12	149	1204	0.081	ng	# 95

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

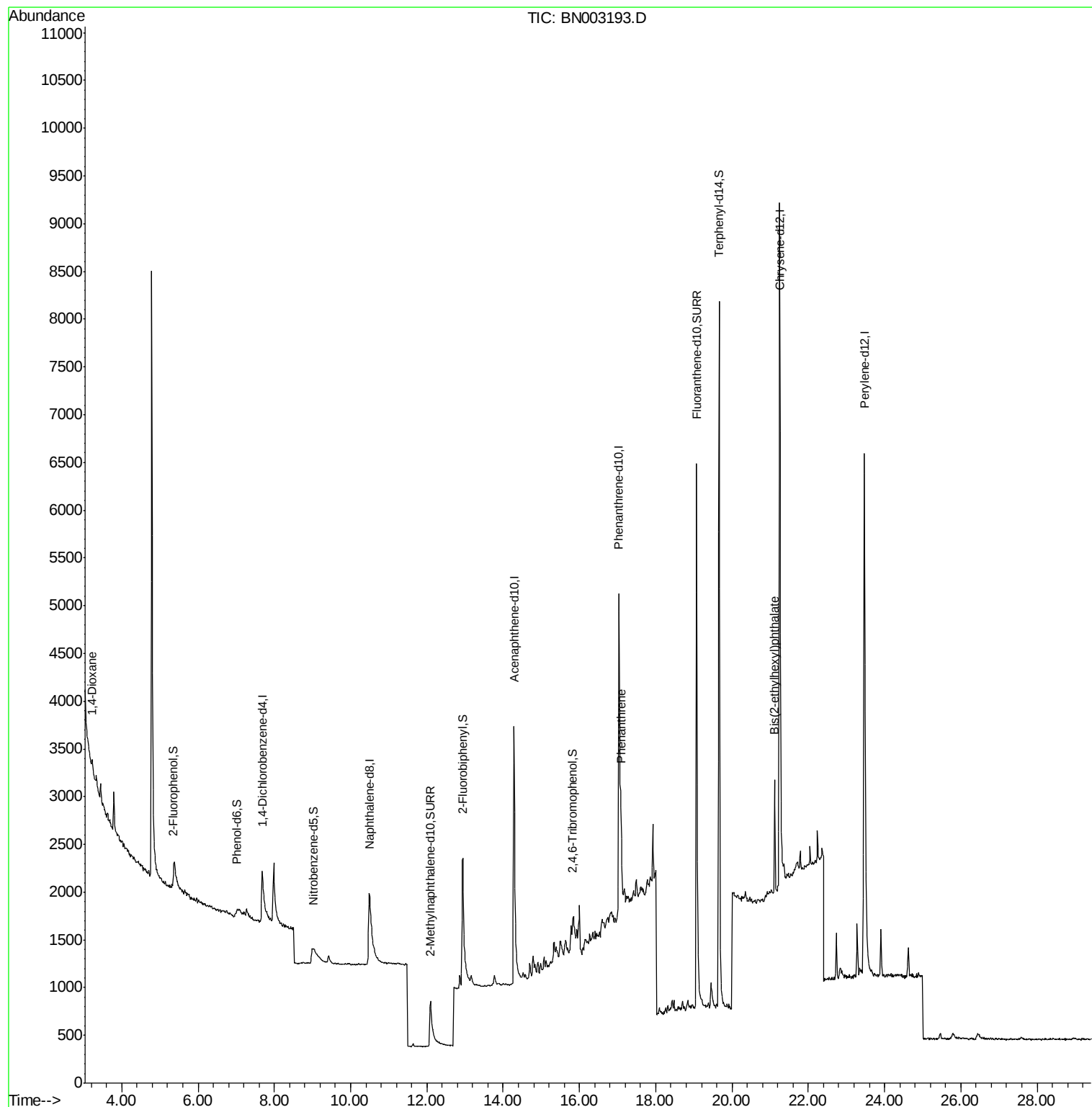
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
Data File : BN003193.D
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Sample : J5364-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

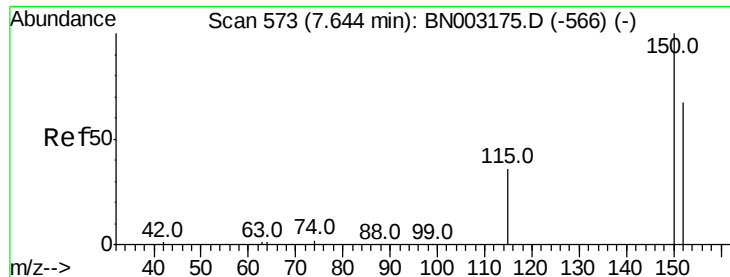
Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
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#1

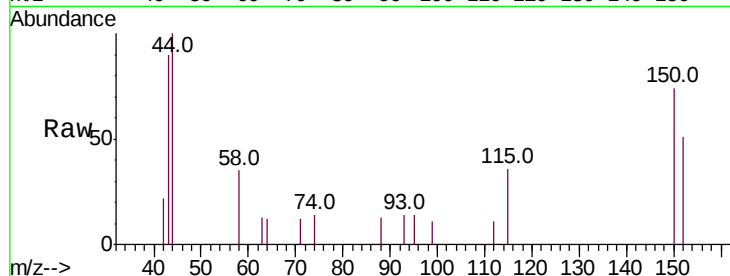
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. 0.04 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	126.2	189.4
115	70.5	49.8	74.6

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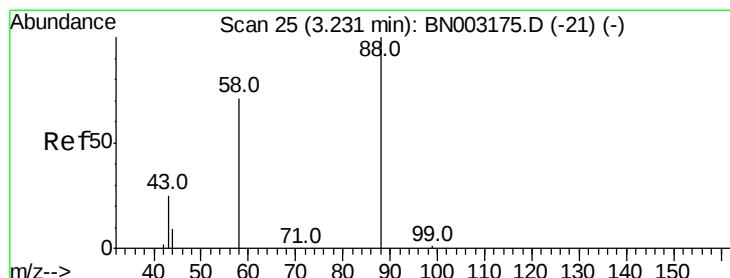
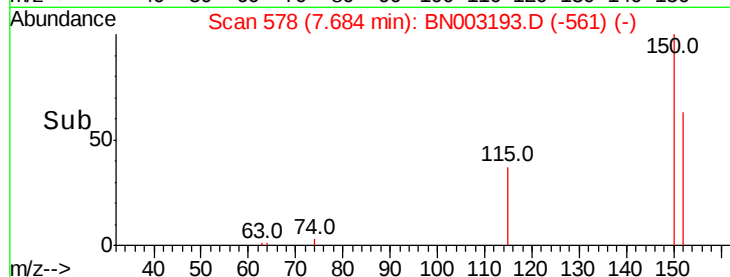
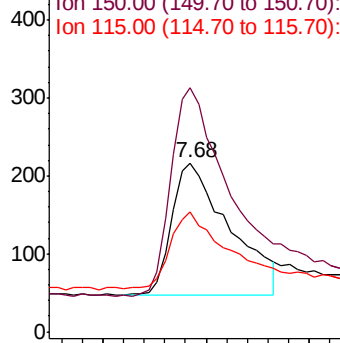


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

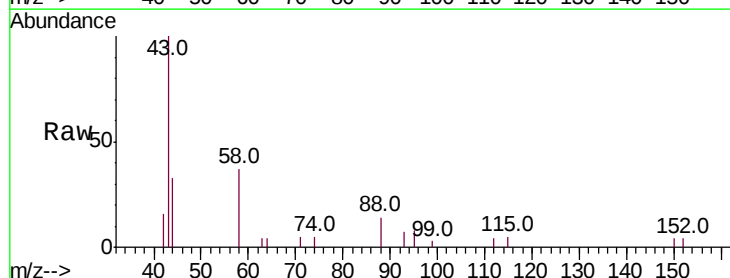
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.066 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	131.6	66.7	100.1#
43	0.0	24.6	37.0#

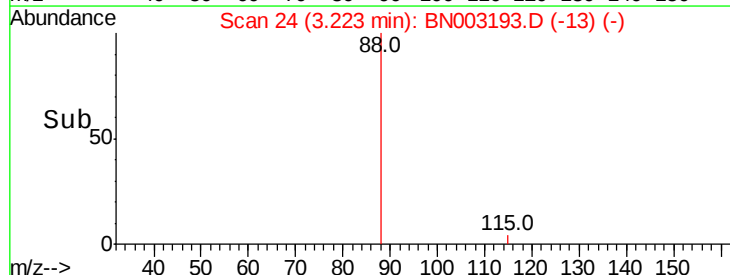
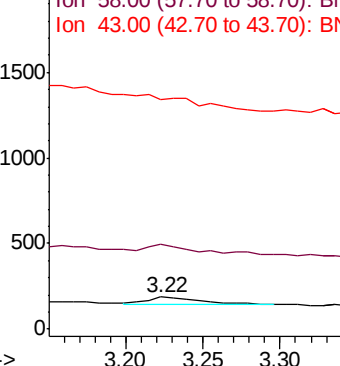


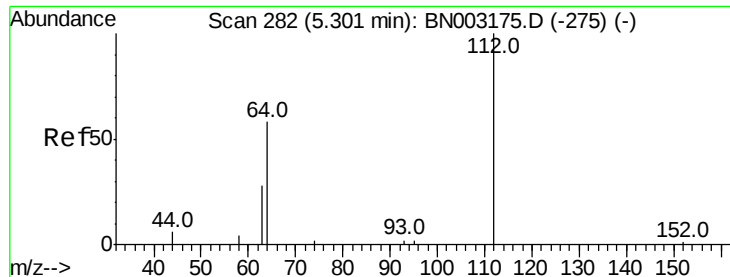
Abundance

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





#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.34 min Scan# 287

Delta R.T. 0.04 min

Lab File: BN003193.D

Acq: 17 Oct 2018 22:58

Instrument :

BNA_N

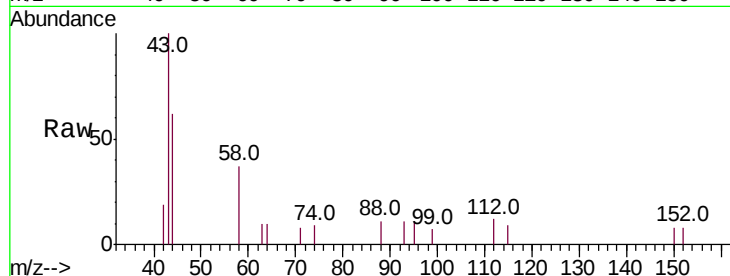
ClientSampleId :

KY038PS036-181008

Tot Ion	Ratio	Lower	Upper
112	100		
64	18.3	49.0	73.4#
63	20.2	25.9	38.9#

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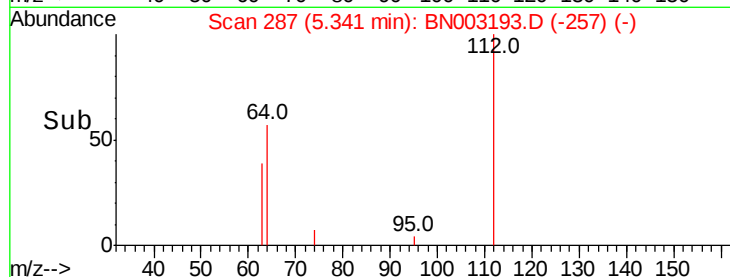
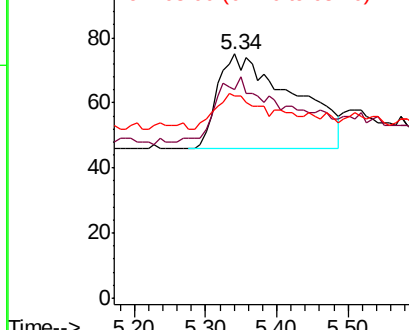
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.086 ng m

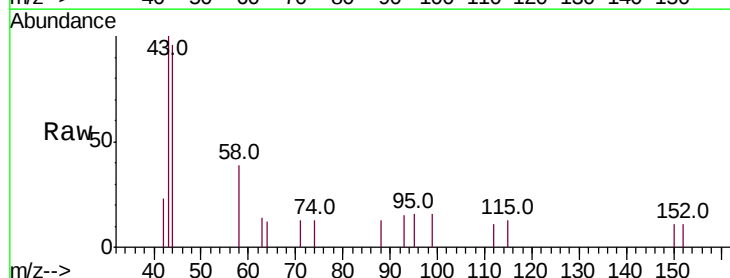
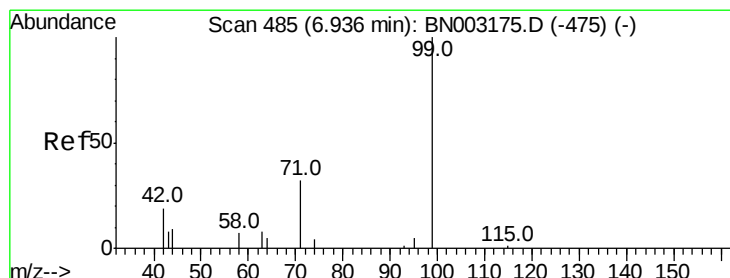
RT: 7.02 min Scan# 495

Delta R.T. 0.08 min

Lab File: BN003193.D

Acq: 17 Oct 2018 22:58

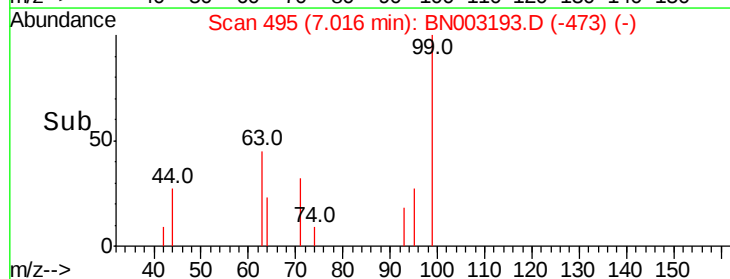
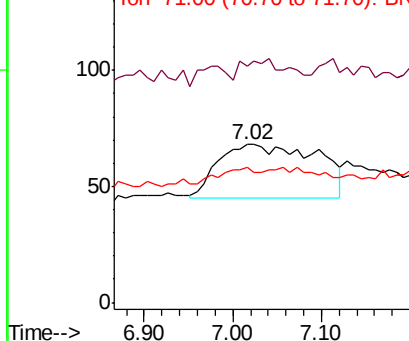
Tgt Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.4	23.2#
71	11.7	26.0	39.0#

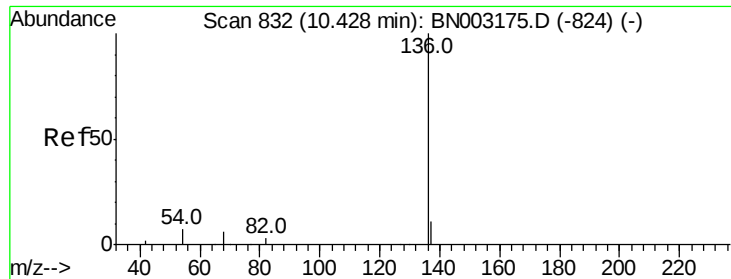


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.06 min

Lab File: BN003193.D

Acq: 17 Oct 2018 22:58

Instrument :

BNA_N

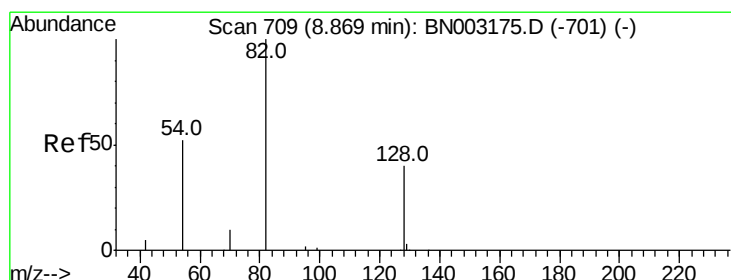
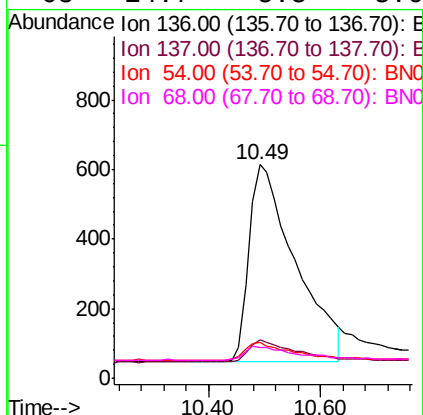
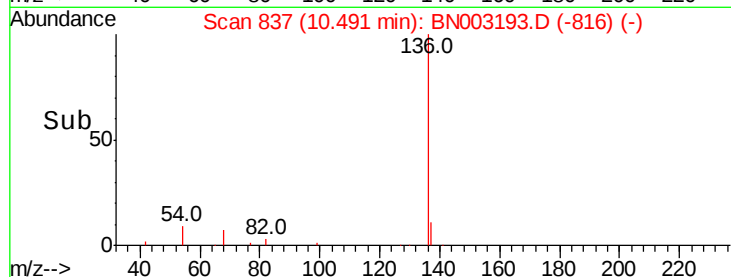
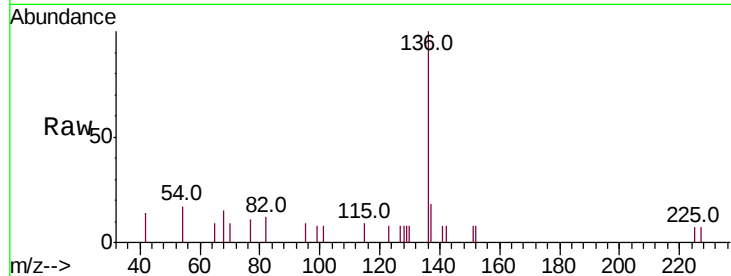
ClientSampleId :

KY038PS036-181008

Tot Ion	Ratio	Lower	Upper
136	100		
137	17.9	9.4	14.0#
54	16.8	7.4	11.0#
68	14.7	5.8	8.6#

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#8

Nitrobenzene-d5

Concen: 0.348 ng m

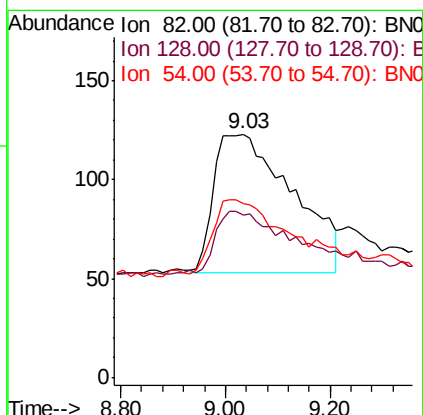
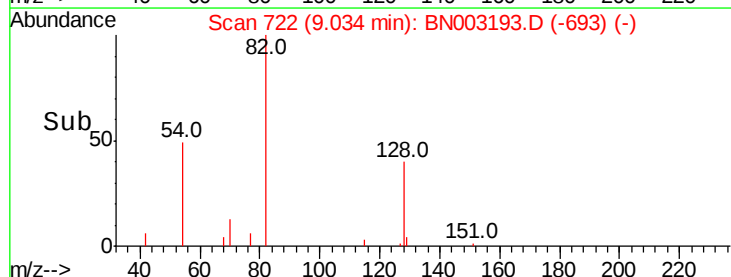
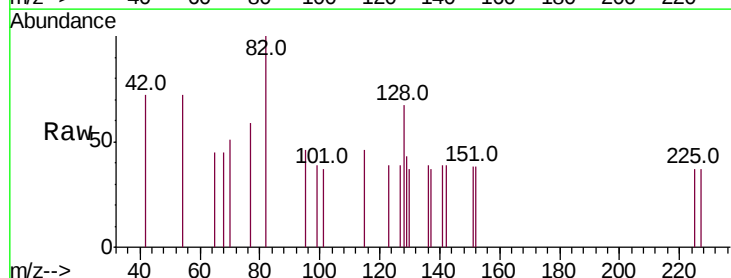
RT: 9.03 min Scan# 722

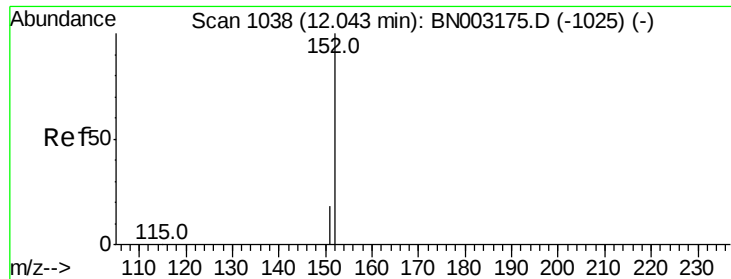
Delta R.T. 0.17 min

Lab File: BN003193.D

Acq: 17 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
82	100		
128	66.7	38.2	57.4#
54	71.5	44.1	66.1#





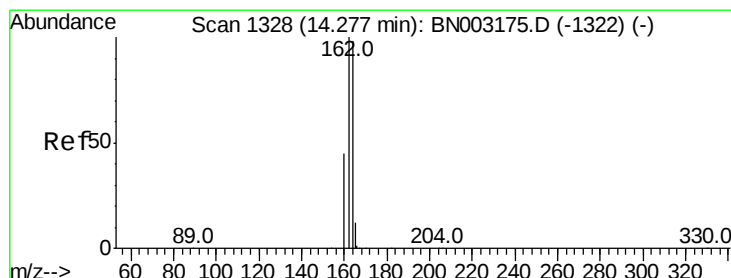
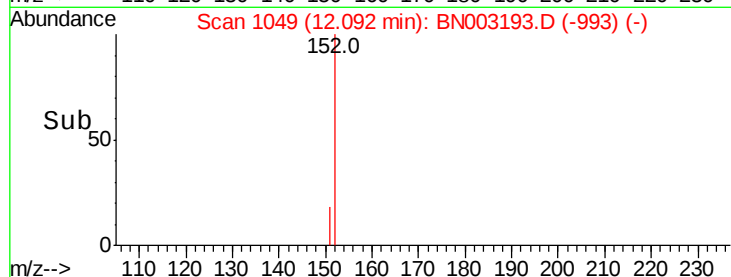
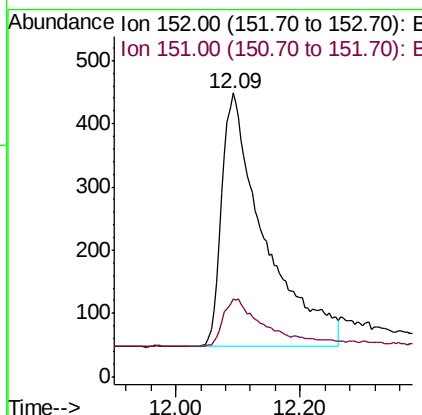
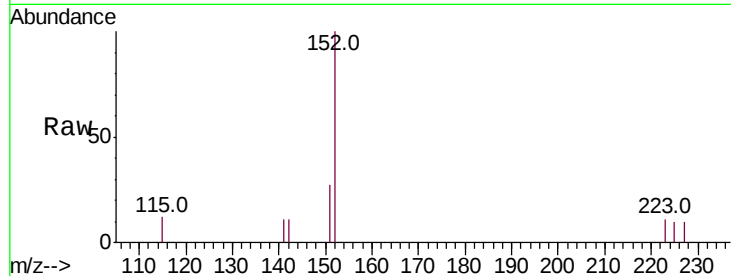
#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.09 min Scan# 1049
Delta R.T. 0.05 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tot Ion	Ratio	Lower	Upper
152	100		
151	16.4	15.0	22.4

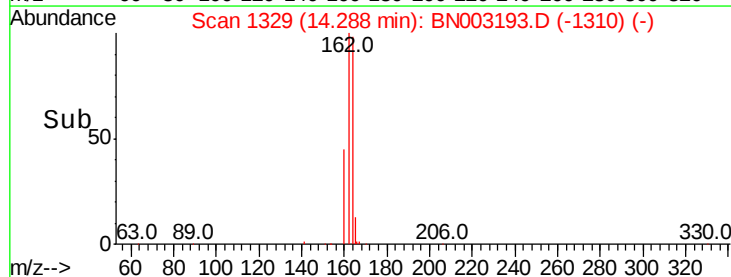
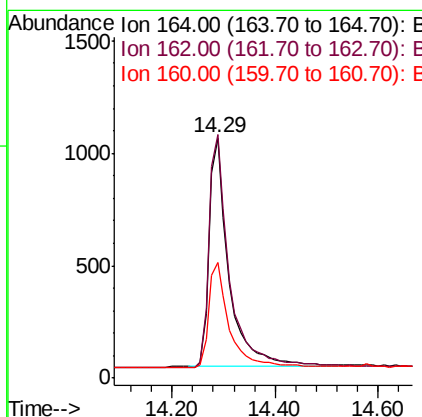
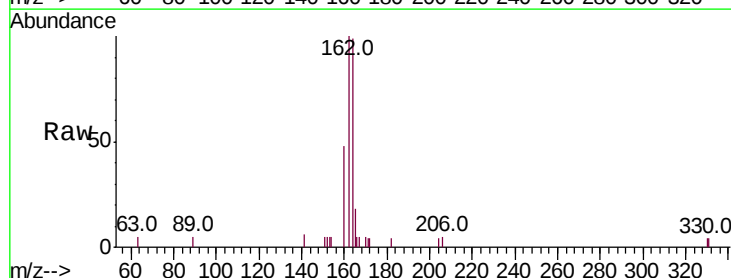
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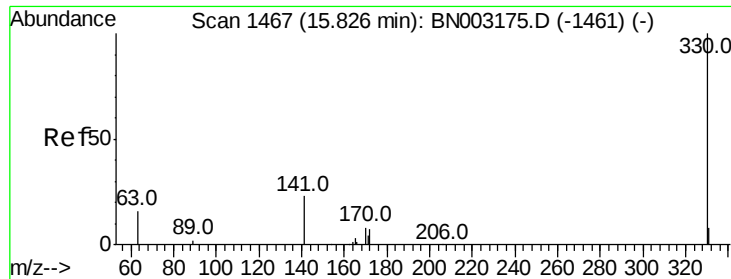
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.29 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.7	122.5
160	48.3	36.3	54.5





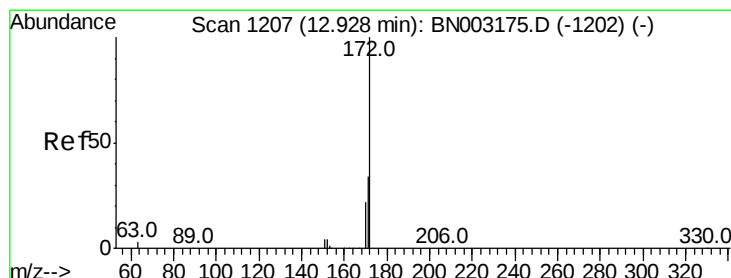
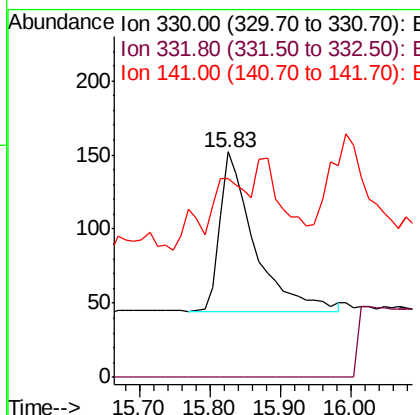
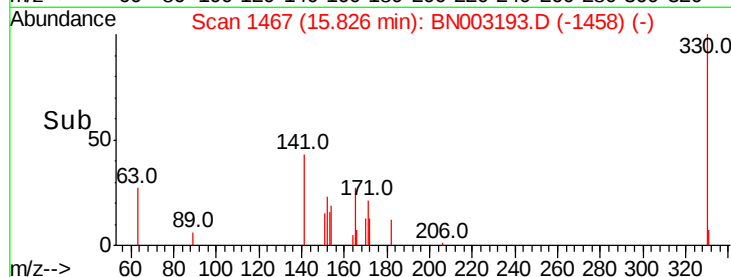
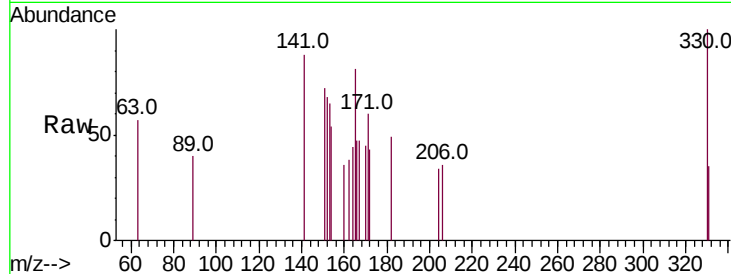
#14
 2,4,6-Tribromophenol
 Concen: 0.216 ng
 RT: 15.83 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BN003193.D
 Acq: 17 Oct 2018 22:58

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS036-181008

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.0	22.6	33.8

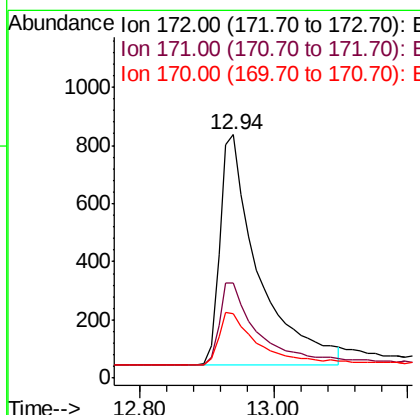
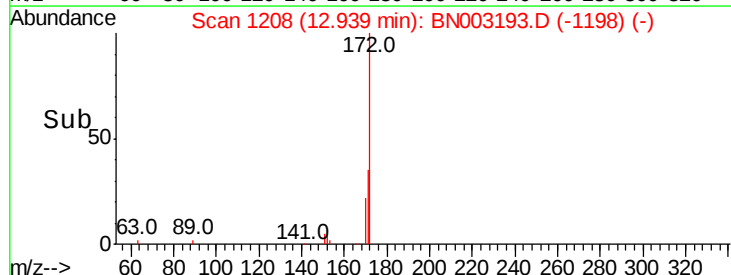
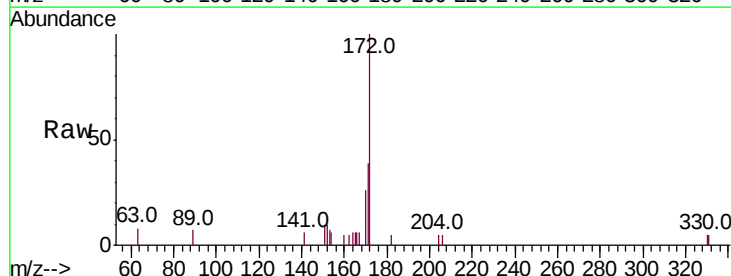
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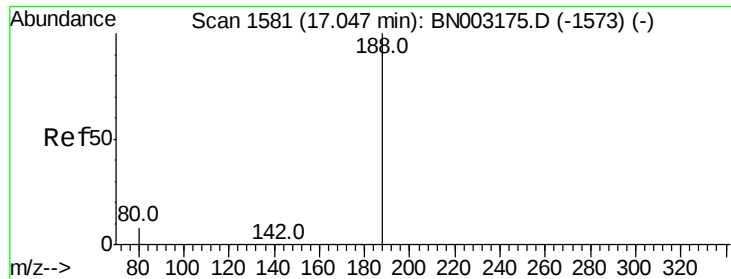
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#15
 2-Fluorobiphenyl
 Concen: 0.295 ng
 RT: 12.94 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BN003193.D
 Acq: 17 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.6	43.0
170	26.4	18.6	27.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.04 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BN003193.D

Acq: 17 Oct 2018 22:58

Instrument :

BNA_N

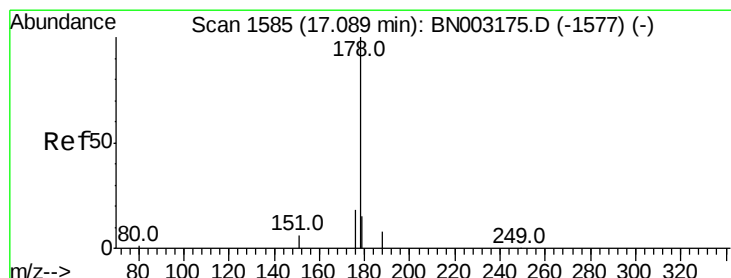
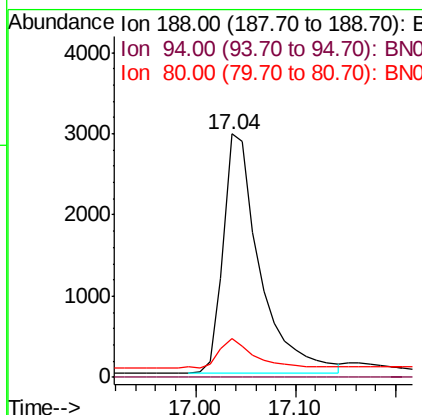
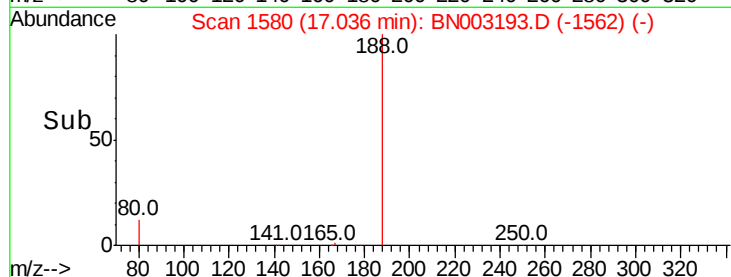
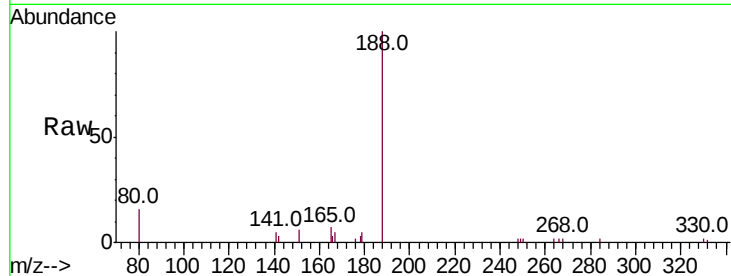
ClientSampleId :

KY038PS036-181008

Tot Ion:	188	Resp:	7474
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.8	6.7	10.1#

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#23

Phenanthrene

Concen: 0.061 ng

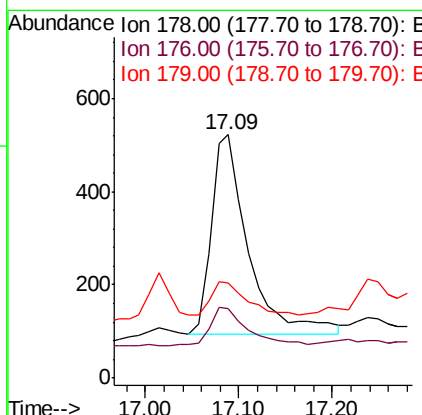
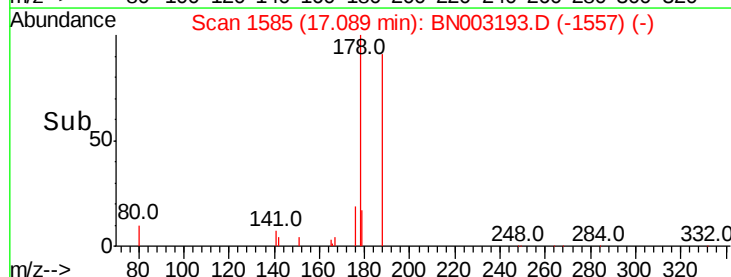
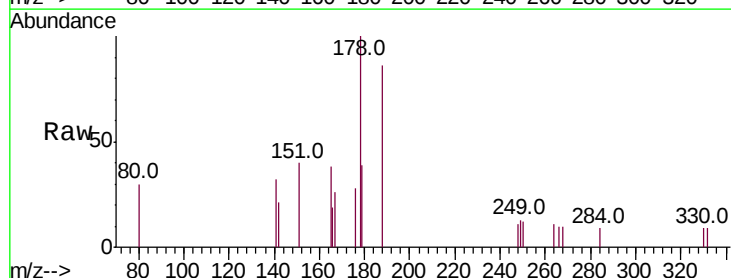
RT: 17.09 min Scan# 1585

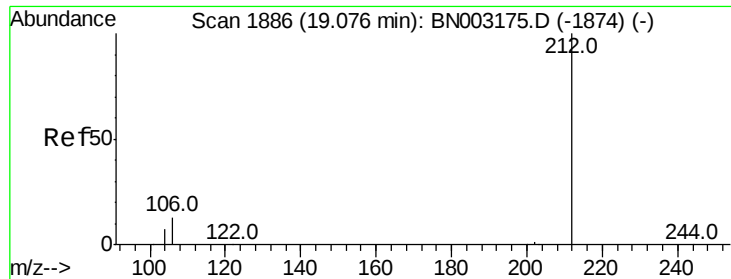
Delta R.T. -0.00 min

Lab File: BN003193.D

Acq: 17 Oct 2018 22:58

Tgt Ion:	178	Resp:	1188
Ion Ratio	Lower	Upper	
178	100		
176	19.7	14.9	22.3
179	16.1	12.3	18.5





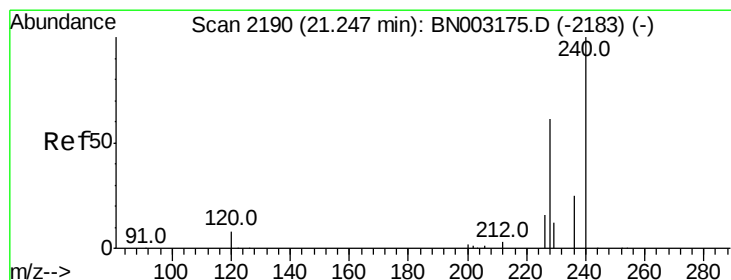
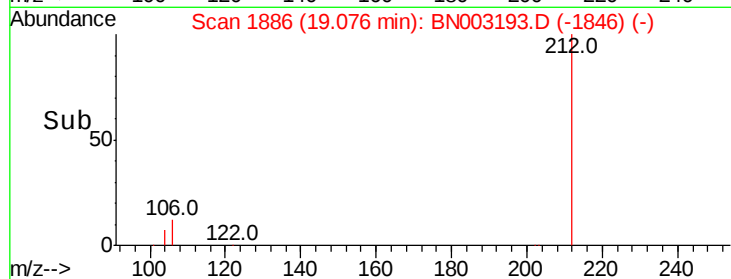
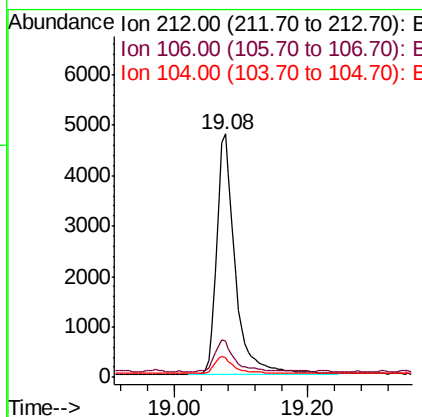
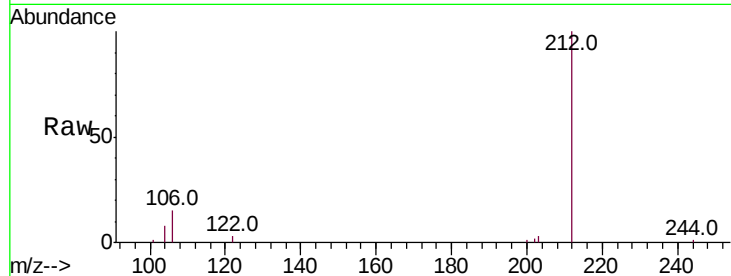
#25
 Fluoranthene-d10
 Concen: 0.393 ng
 RT: 19.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BN003193.D
 Acq: 17 Oct 2018 22:58

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS036-181008

Tot Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.2	15.4
104	7.3	5.8	8.6

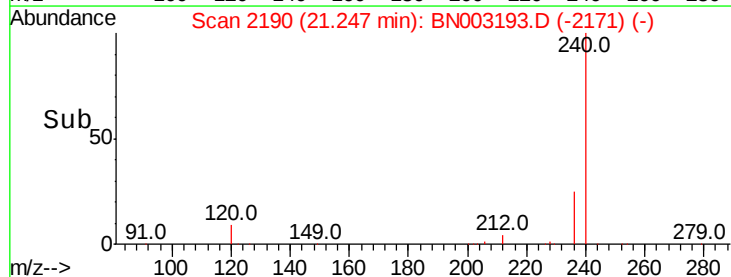
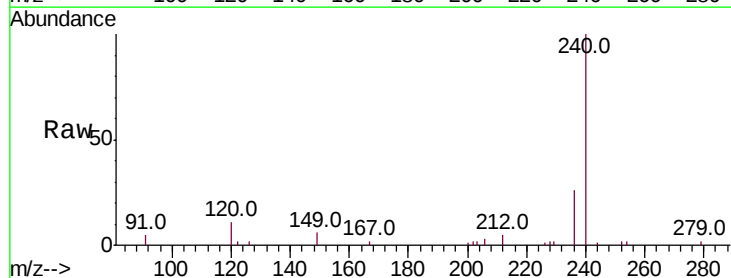
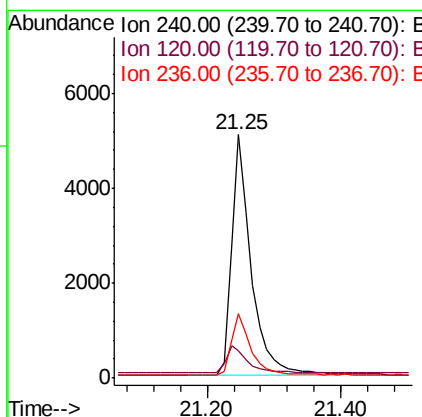
Manual Integrations
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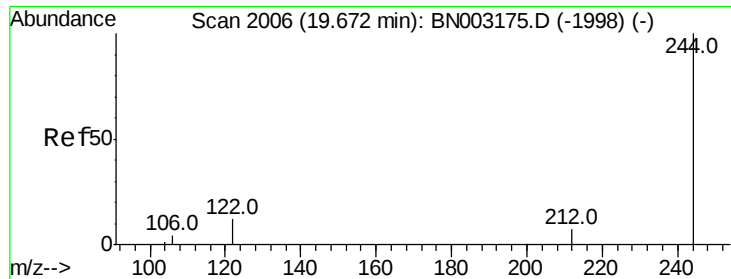
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BN003193.D
 Acq: 17 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	7.8	11.8
236	26.4	21.0	31.4





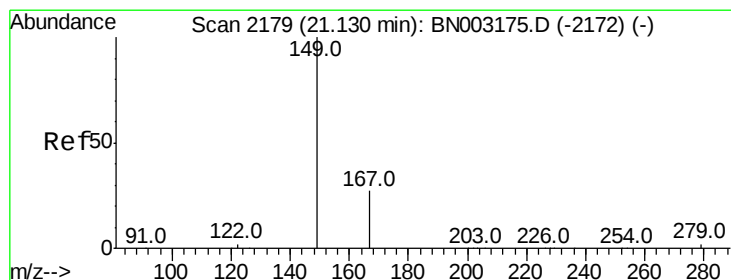
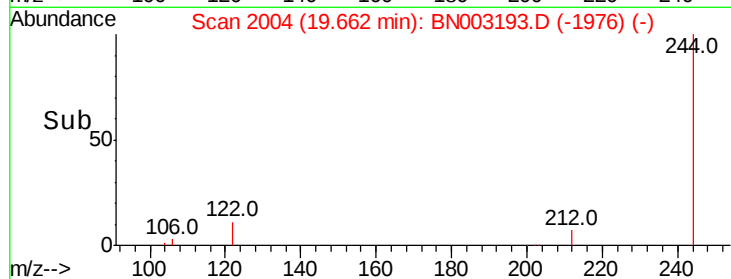
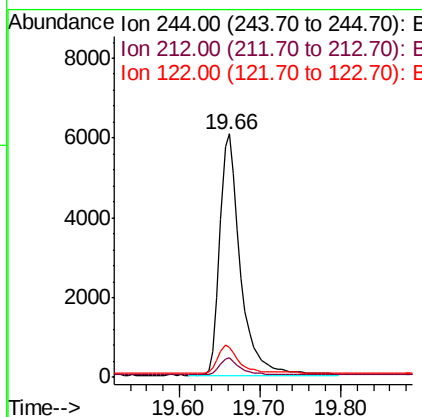
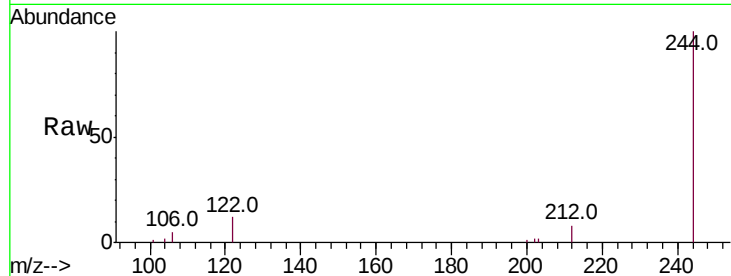
#29
 Terphenyl-d14
 Concen: 0.472 ng
 RT: 19.66 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BN003193.D
 Acq: 17 Oct 2018 22:58

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS036-181008

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	12.5	9.1	13.7

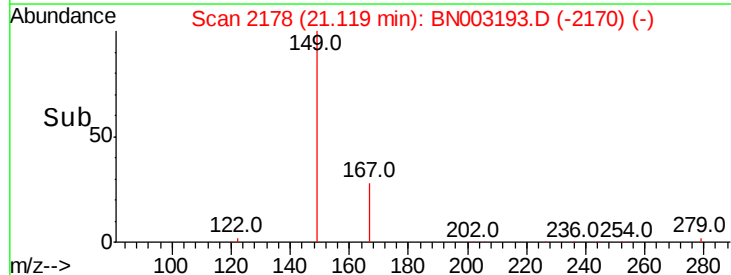
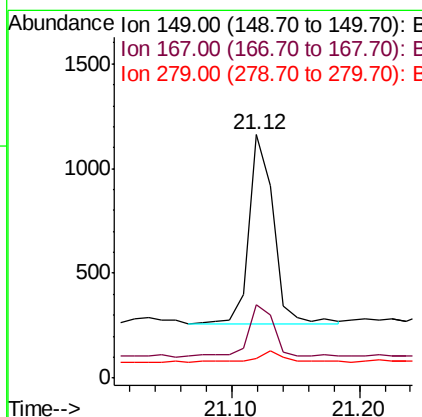
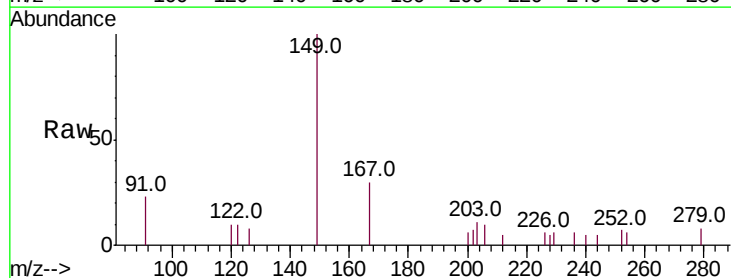
Manual Integrations
 APPROVED

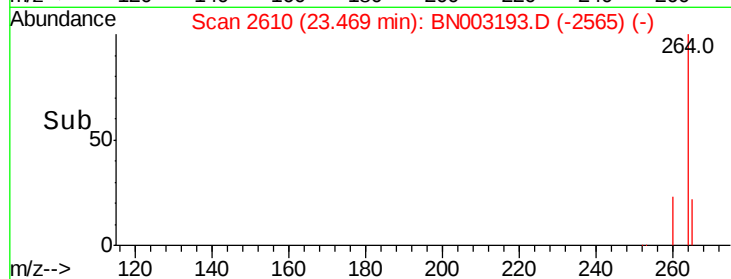
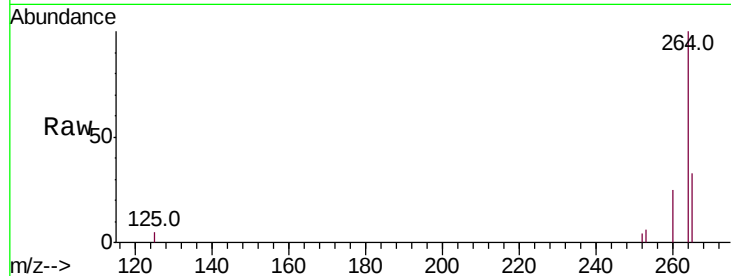
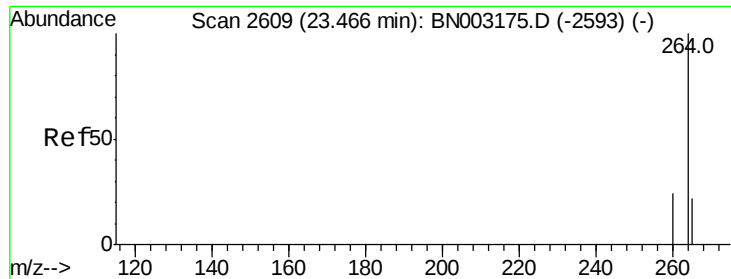
Sohil
 10/18/2018 4:41:07 PM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.081 ng
 RT: 21.12 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BN003193.D
 Acq: 17 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.2	33.4
279	6.8	3.7	5.5#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BN003193.D
 Acq: 17 Oct 2018 22:58

Tot Ion:	264	Resp:	11007
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.7	29.5
265	32.7	27.6	41.4

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS036-181008

Manual Integrations
 APPROVED

Sohil
 10/18/2018 4:41:07 PM

