

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010340.D
 Acq On : 24 Mar 2020 23:28
 Operator : CG/JU
 Sample : L1997-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20200316

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Quant Time: Mar 25 02:05:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4885	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	16910	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9887	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	24559	0.40	ng	0.00
27) Chrysene-d12	21.19	240	24632	0.40	ng	0.00
34) Perylene-d12	23.35	264	23786	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1493	0.15	ng	0.00
5) Phenol-d6	6.80	99	1121	0.09	ng	0.00
8) Nitrobenzene-d5	8.74	82	6172	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8133	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1242	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	23751	0.63	ng	-0.01
25) Fluoranthene-d10	19.02	212	23001	0.31	ng	0.00
29) Terphenyl-d14	19.63	244	33367	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	13170	2.871	ng	Qvalue 98
23) Phenanthrene	17.02	178	1747	0.026	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.12	149	3527m	0.133	ng	

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

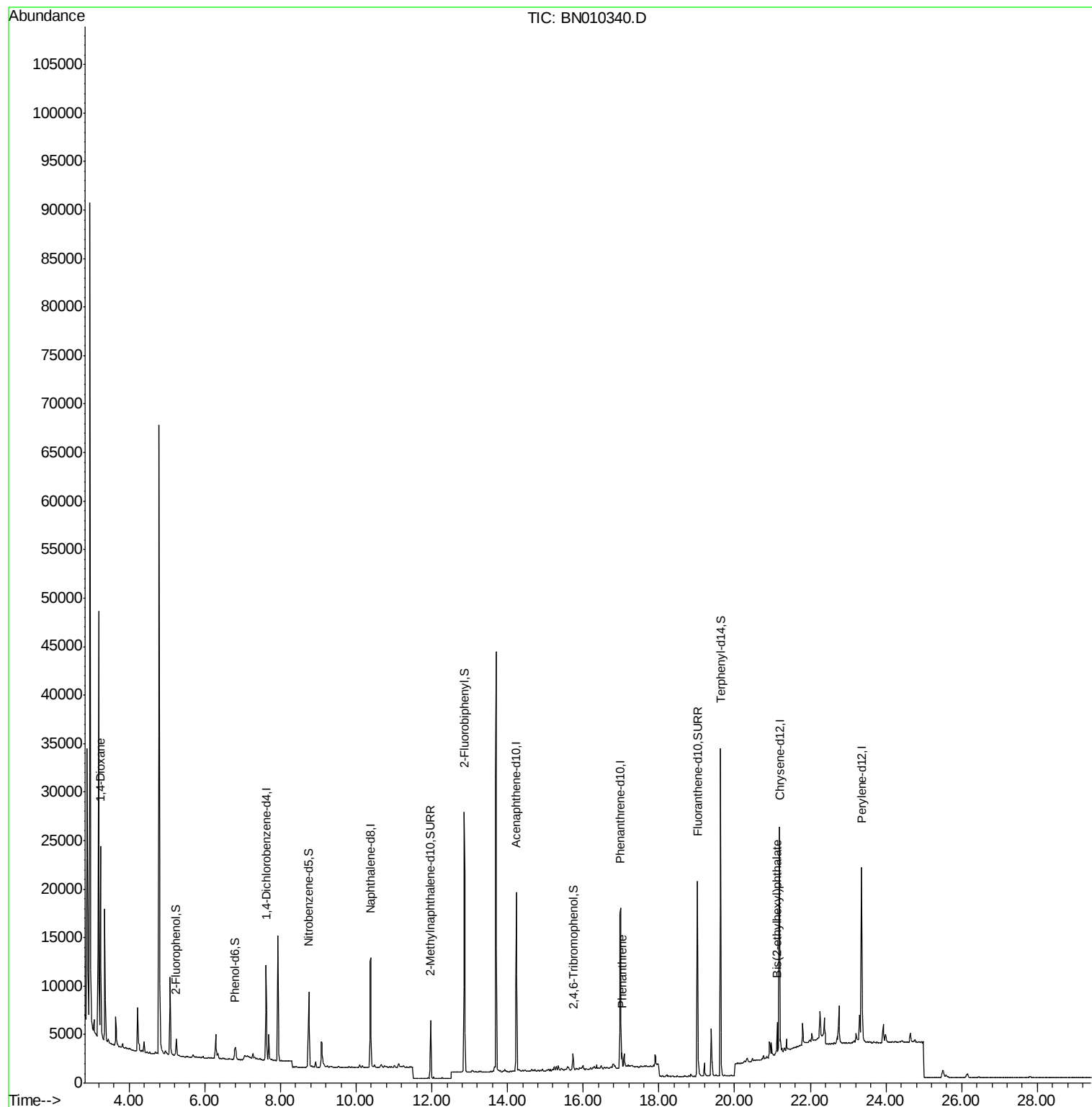
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
Data File : BN010340.D
Acq On : 24 Mar 2020 23:28
Operator : CG/JU
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ALS Vial : 16 Sample Multiplier: 1

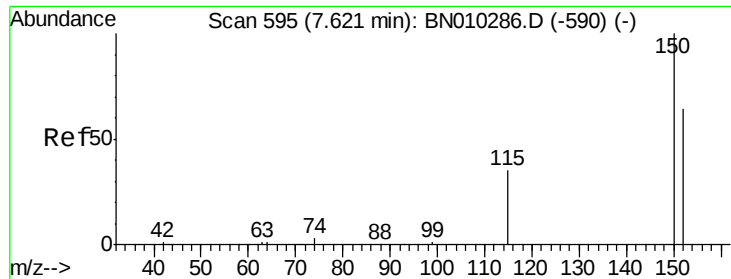
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#1

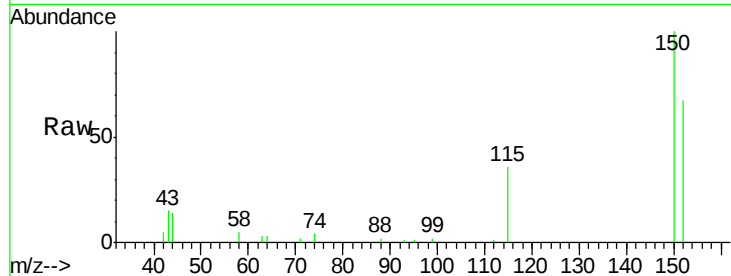
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010340.D
Acq: 24 Mar 2020 23:28

Instrument :
BNA_N
ClientSampleId :
DUP06-20200316

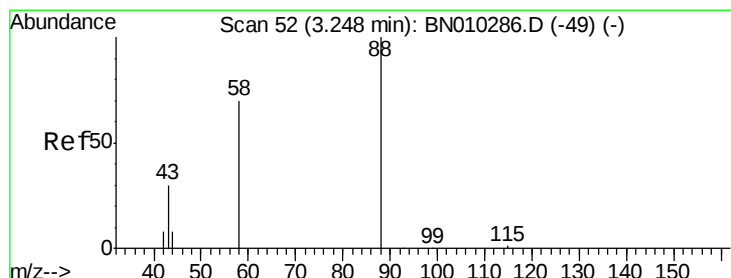
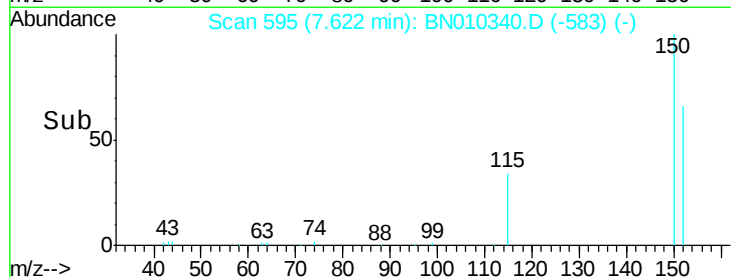
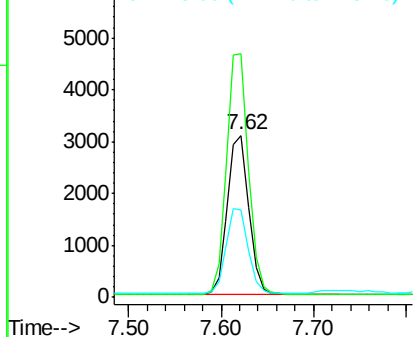
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.1	184.7
115	53.9	45.2	67.8

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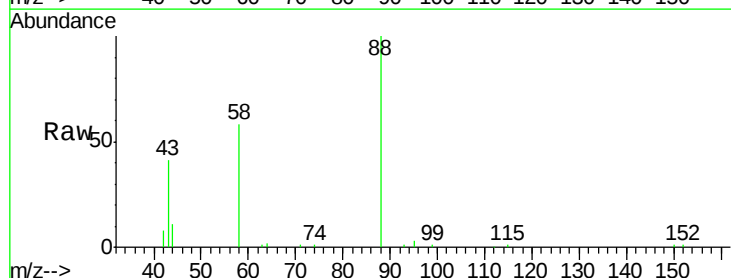
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



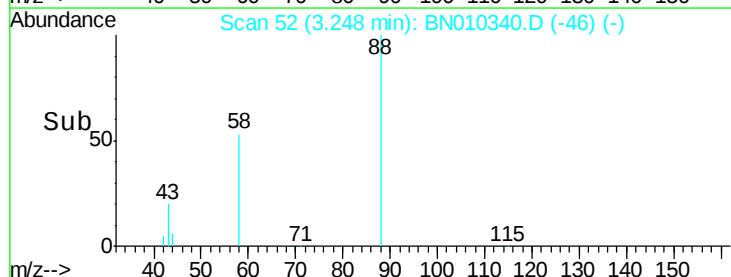
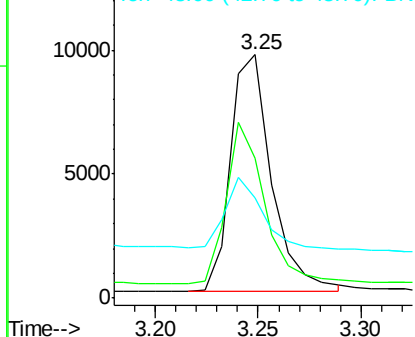
#2

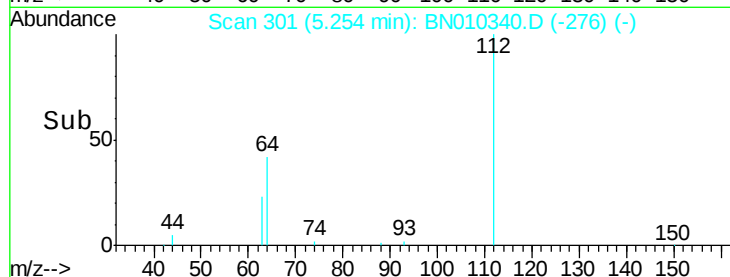
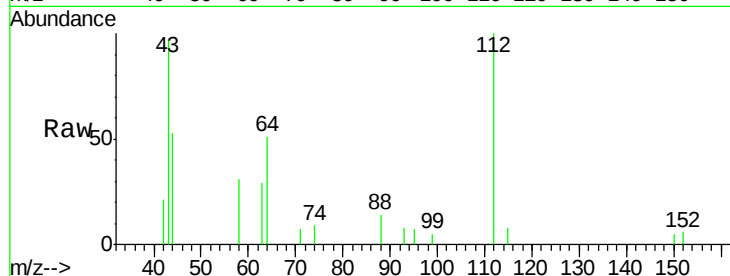
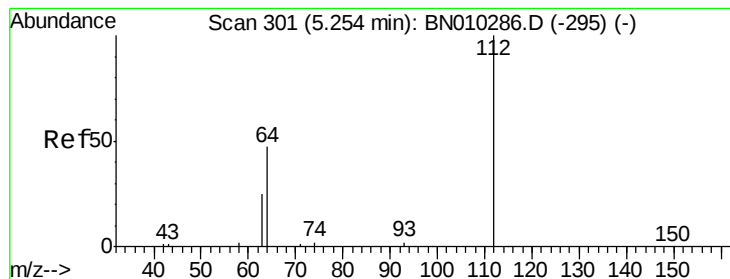
1,4-Dioxane
Concen: 2.871 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010340.D
Acq: 24 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	51.7	77.5
43	27.6	21.2	31.8



Abundance Ion 88.00 (87.70 to 88.70): BNO
Ion 58.00 (57.70 to 58.70): BNO
Ion 43.00 (42.70 to 43.70): BNO





#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Tot Ion:	112	Resp:	1493
Ion Ratio	Lower	Upper	
112	100		
64	51.5	41.4	62.2
63	27.5	22.9	34.3

Instrument :

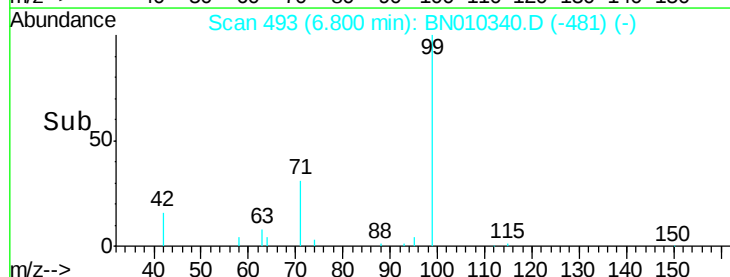
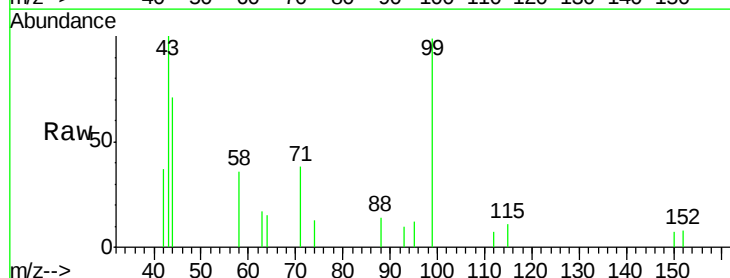
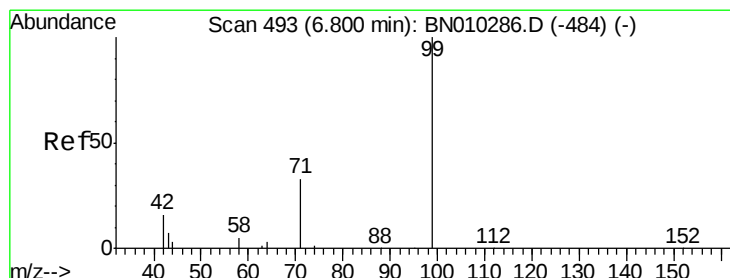
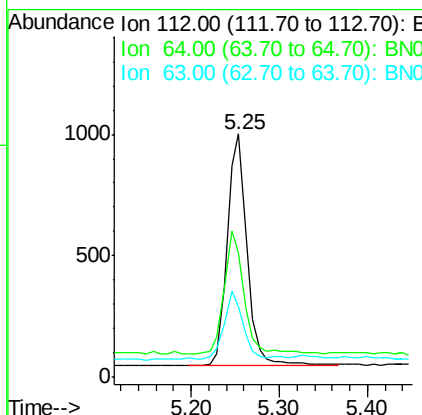
BNA_N

ClientSampleId :

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#5

Phenol-d6

Concen: 0.093 ng

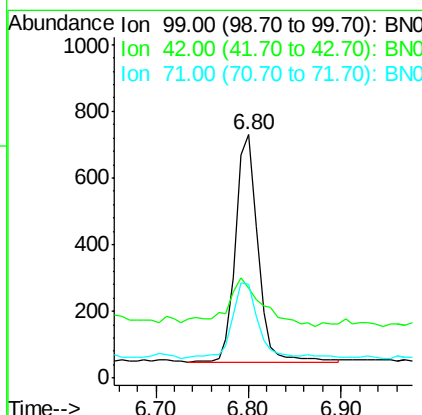
RT: 6.80 min Scan# 493

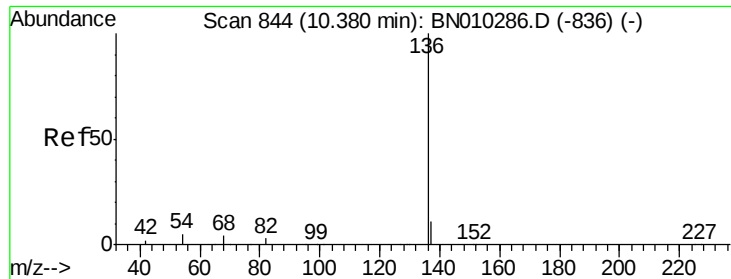
Delta R.T. 0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Tgt Ion:	99	Resp:	1121
Ion Ratio	Lower	Upper	
99	100		
42	35.7	14.8	22.2#
71	38.4	27.3	40.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Instrument :

BNA_N

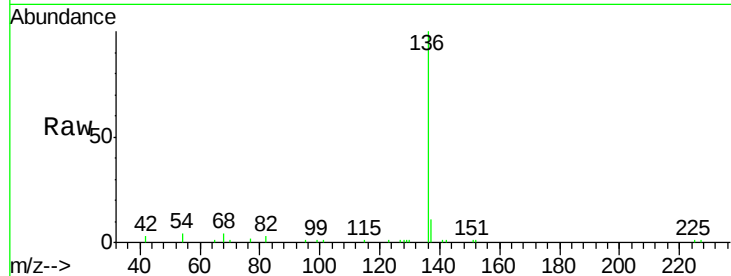
ClientSampleId :

DUP06-20200316

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	4.3	4.8	7.2#
68	4.0	4.1	6.1#

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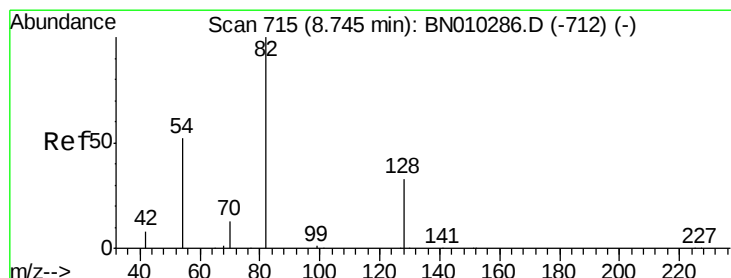
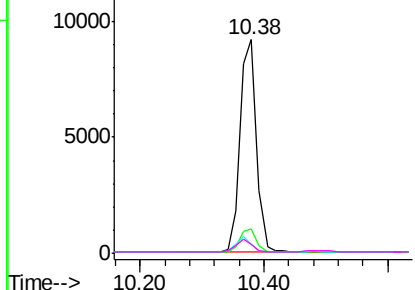
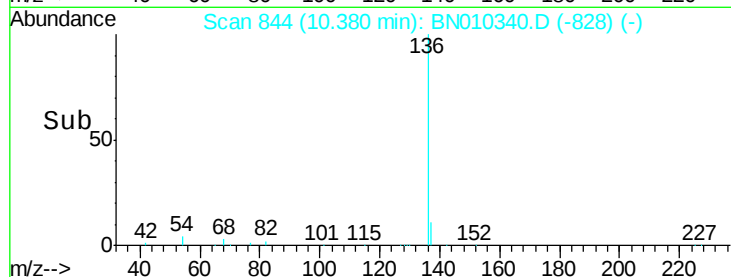


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.570 ng

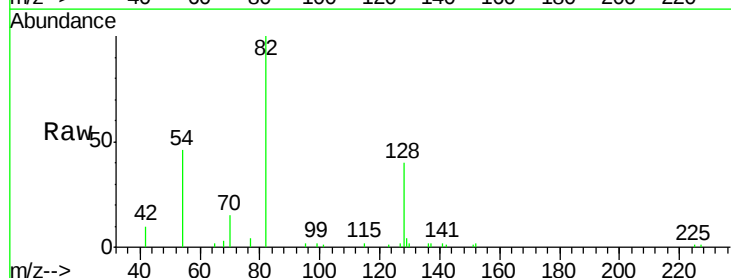
RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

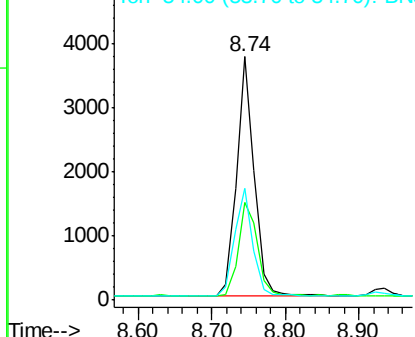
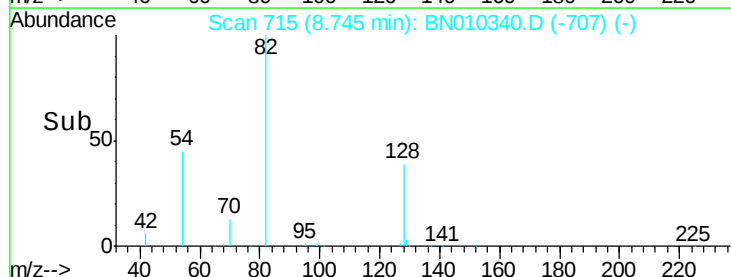
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	28.8	43.2
54	46.0	42.1	63.1

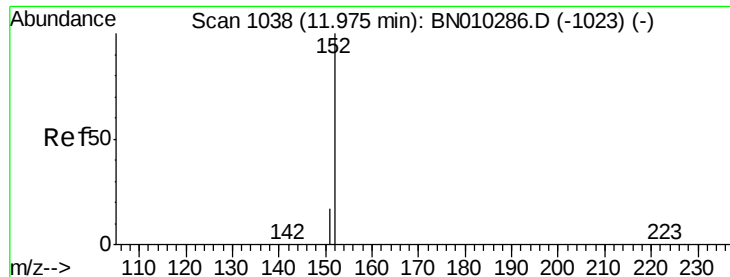


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





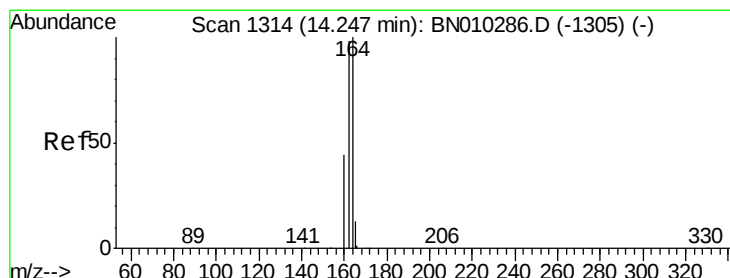
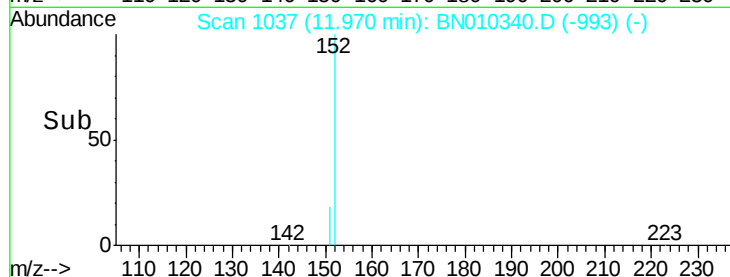
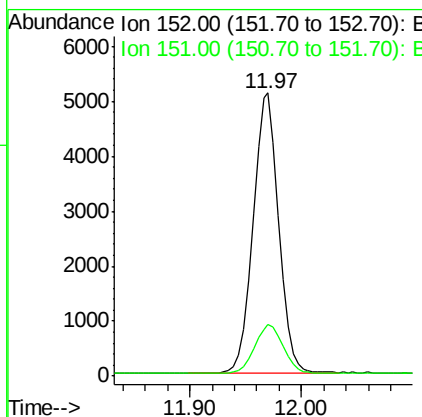
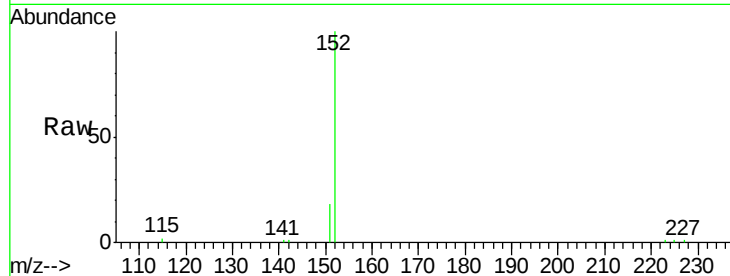
#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010340.D
Acq: 24 Mar 2020 23:28

Instrument :
BNA_N
ClientSampleId :
DUP06-20200316

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

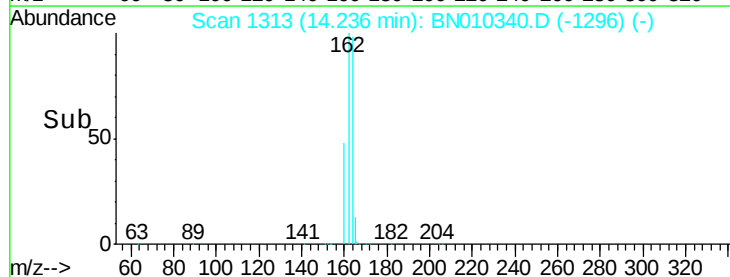
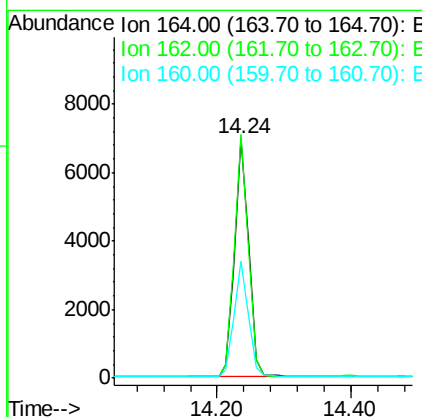
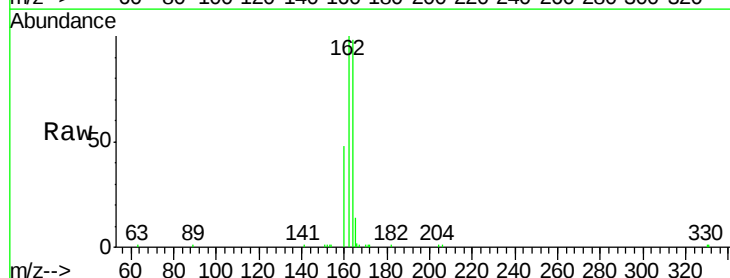
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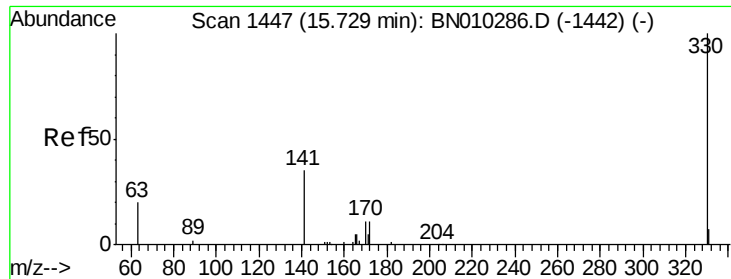
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010340.D
Acq: 24 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.2	117.2
160	49.0	35.8	53.6





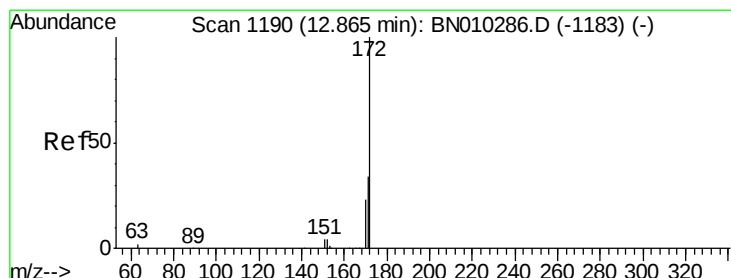
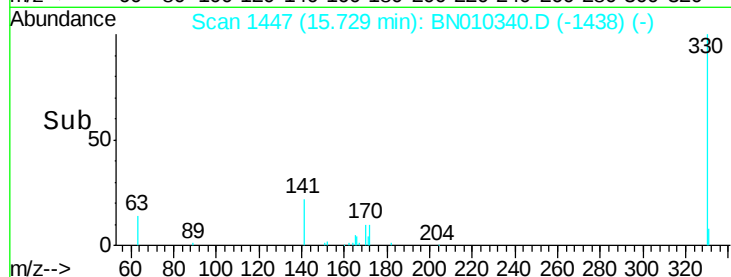
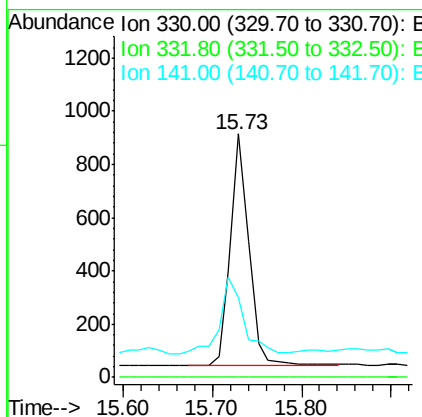
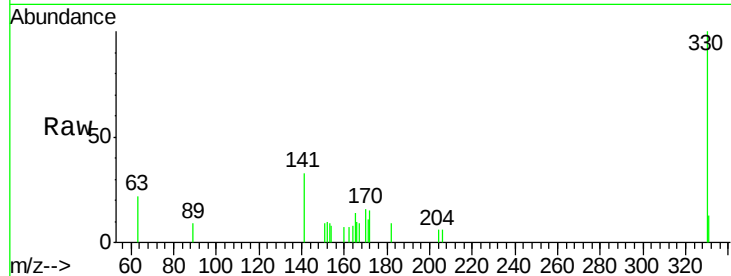
#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010340.D
Acq: 24 Mar 2020 23:28

Instrument :
BNA_N
ClientSampleId :
DUP06-20200316

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.6	29.3	43.9

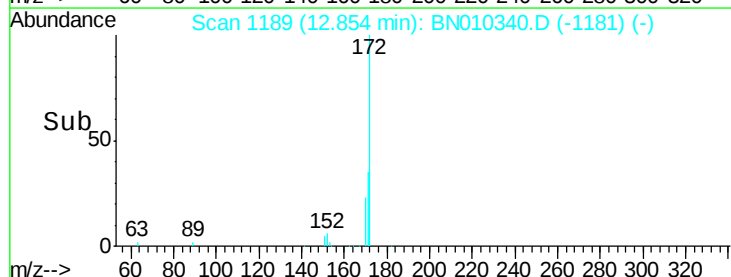
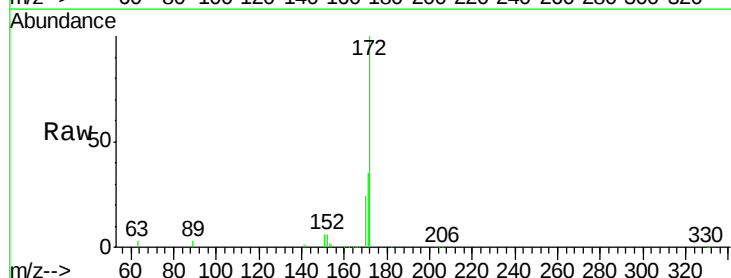
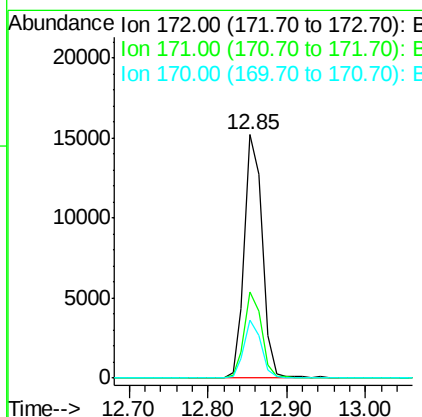
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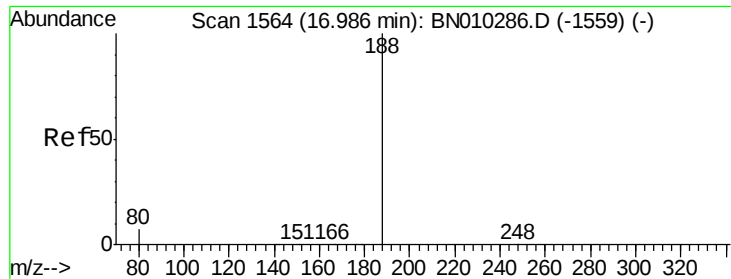
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#15
2-Fluorobiphenyl
Concen: 0.628 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010340.D
Acq: 24 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.6	41.4
170	23.7	18.5	27.7





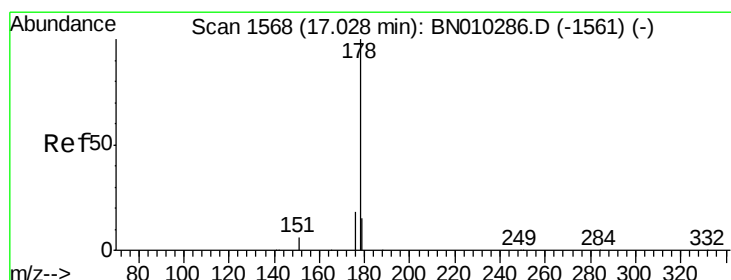
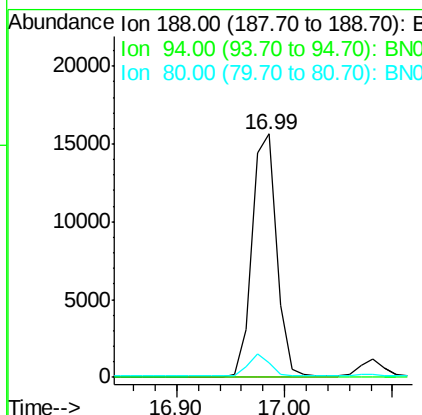
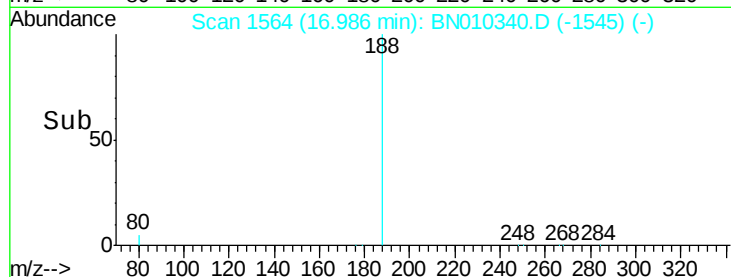
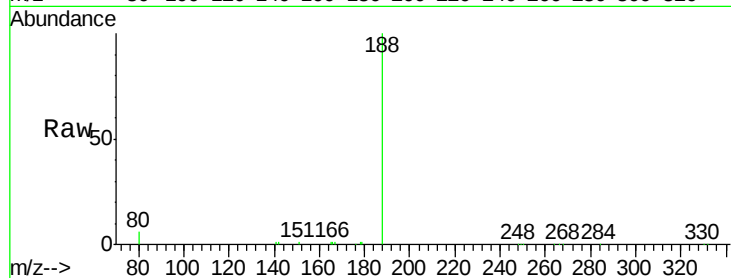
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010340.D
Acq: 24 Mar 2020 23:28

Instrument :
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ClientSampleId :
DUP06-20200316

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	6.0	9.0#

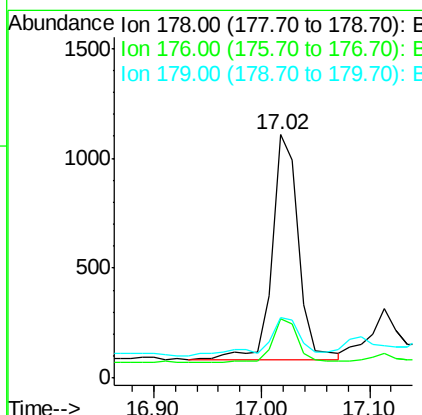
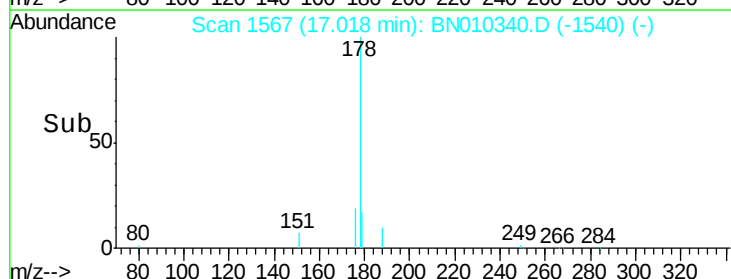
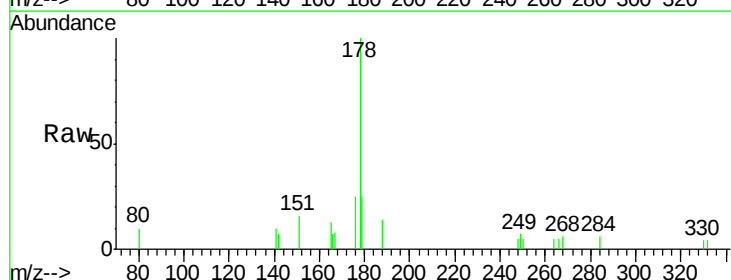
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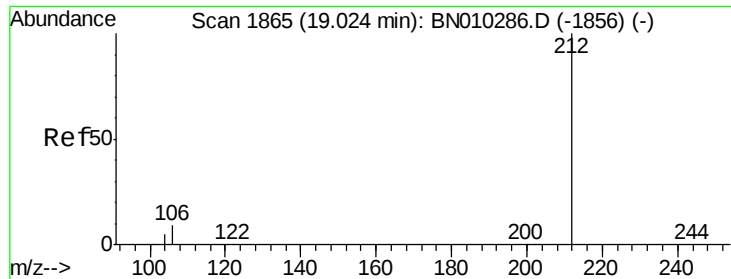
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#23
Phenanthrene
Concen: 0.026 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010340.D
Acq: 24 Mar 2020 23:28

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	15.0	22.4
179	21.7	12.4	18.6#





#25

Fluoranthene-d10

Concen: 0.311 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Instrument :

BNA_N

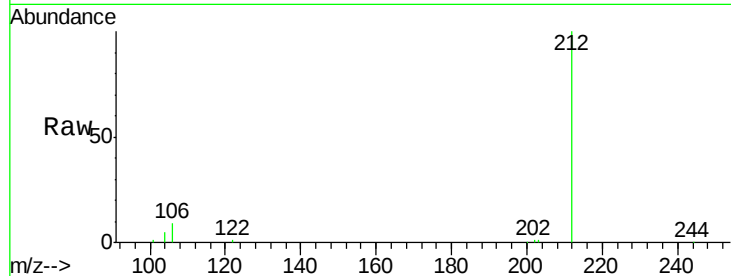
ClientSampleId :

DUP06-20200316

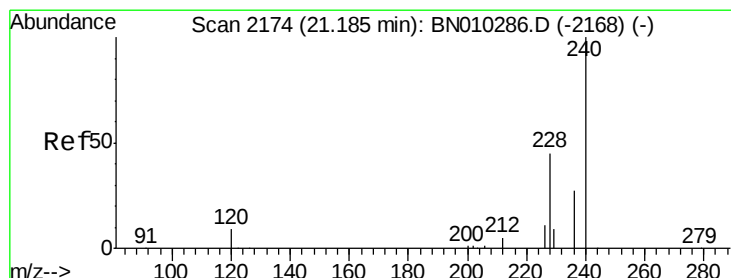
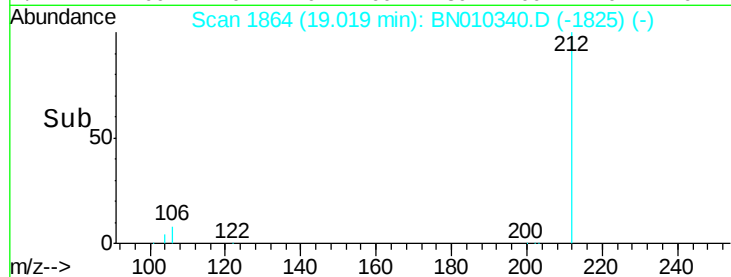
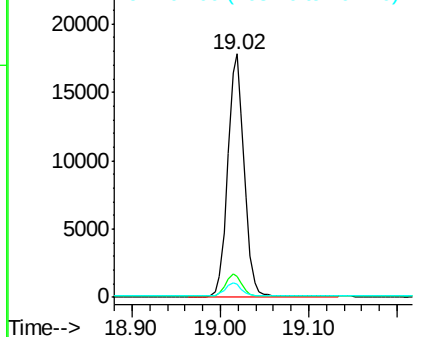
Tot Ion:	212	Resp:	23001
Ion Ratio	Lower	Upper	
212	100		
106	9.7	7.4	11.2
104	5.4	4.2	6.4

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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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

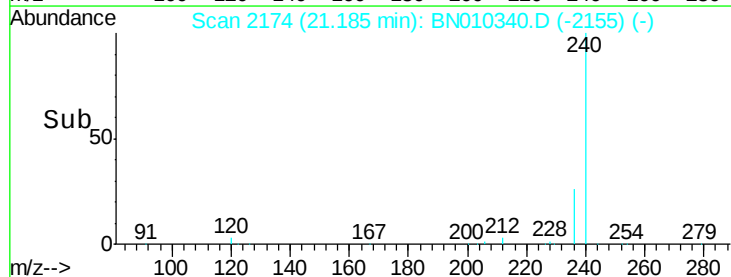
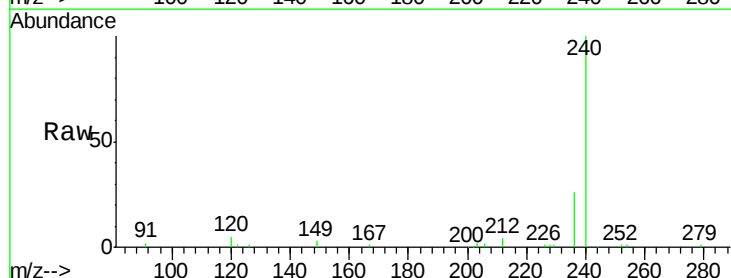
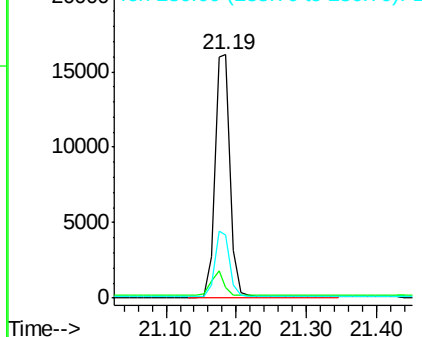
Delta R.T. 0.00 min

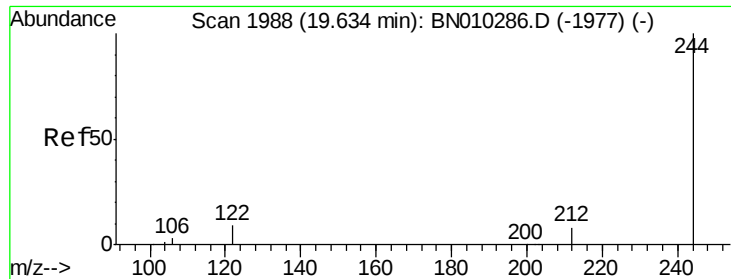
Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Tgt Ion:	240	Resp:	24632
Ion Ratio	Lower	Upper	
240	100		
120	4.5	7.9	11.9#
236	26.0	22.2	33.4

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





#29

Terphenyl-d14

Concen: 0.627 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Instrument :

BNA_N

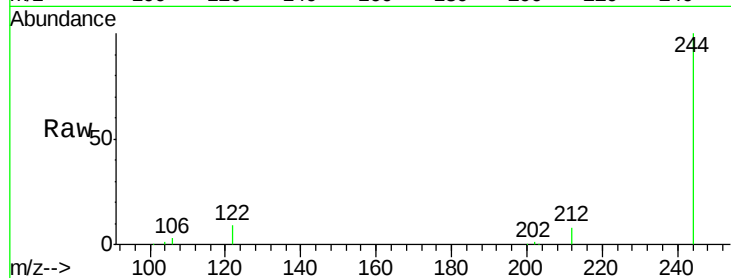
ClientSampleId :

DUP06-20200316

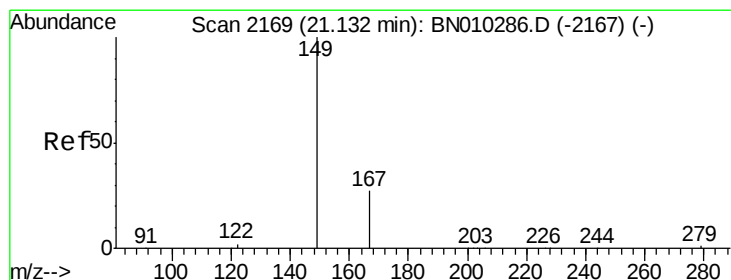
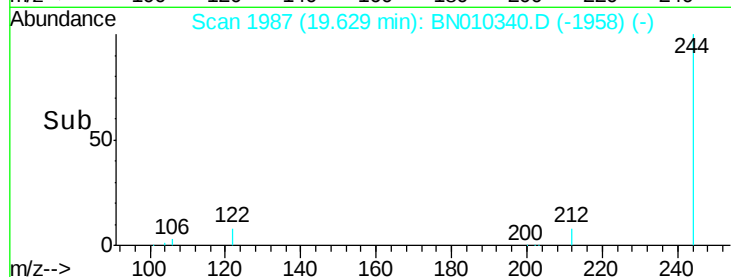
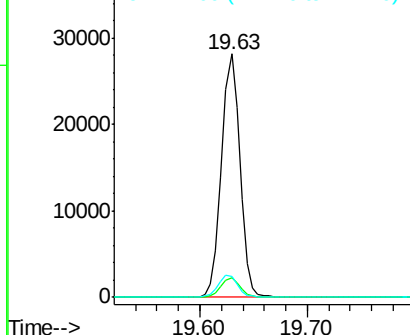
Tot Ion:	244	Resp:	33367
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.3	9.5
122	8.6	7.6	11.4

Manual Integrations
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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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.133 ng m

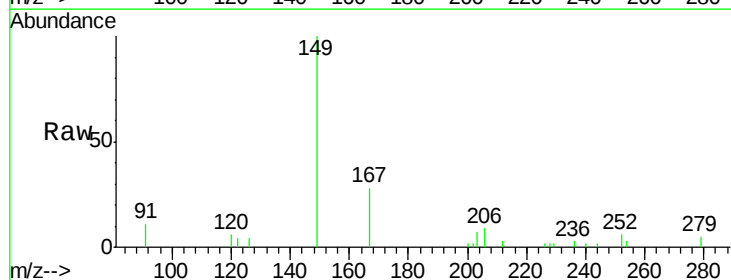
RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

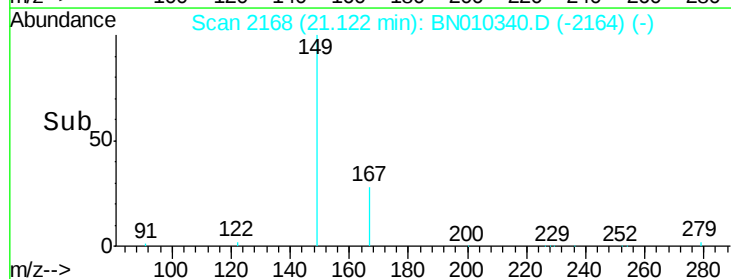
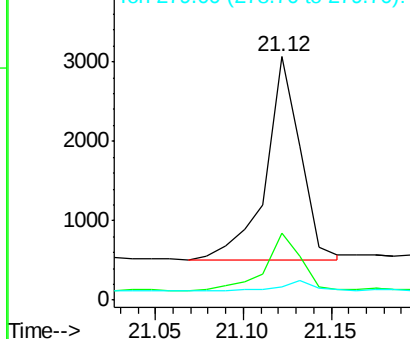
Lab File: BN010340.D

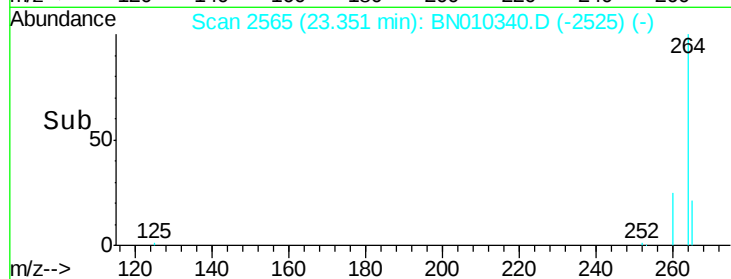
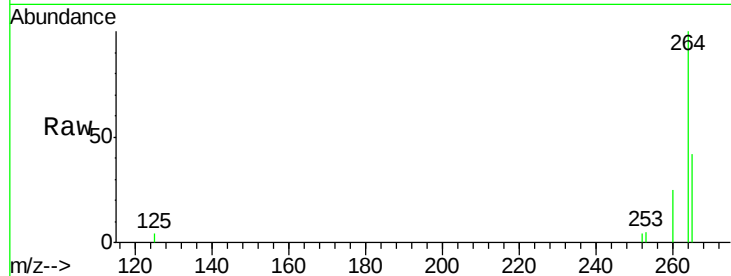
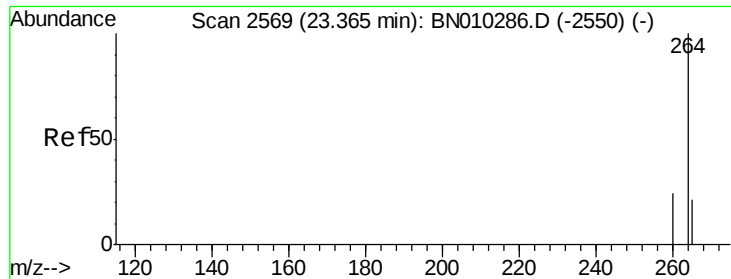
Acq: 24 Mar 2020 23:28

Tgt Ion:	149	Resp:	3527
Ion Ratio	Lower	Upper	
149	100		
167	23.7	23.0	34.6
279	3.9	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BN010340.D

Acq: 24 Mar 2020 23:28

Tot Ion:	264	Resp:	23786
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.5	29.3
265	41.8	32.4	48.6

Instrument :

BNA_N

ClientSampleId :

DUP06-20200316

Manual Integrations
APPROVED

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