

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010169.D
 Acq On : 10 Mar 2020 20:40
 Operator : CG/JU
 Sample : L1842-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20200304

Manual Integrations
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Quant Time: Mar 11 11:57:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	750	0.40	ng	-0.04
7) Naphthalene-d8	10.15	136	2362	0.40	ng	-0.03
13) Acenaphthene-d10	14.00	164	1559	0.40	ng	-0.06
19) Phenanthrene-d10	16.79	188	3128	0.40	ng	-0.02
27) Chrysene-d12	20.99	240	3521	0.40	ng	-0.04
34) Perylene-d12	23.10	264	3567	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	240	0.14	ng	-0.03
5) Phenol-d6	6.64	99	143	0.07	ng	0.00
8) Nitrobenzene-d5	8.61	82	579	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	11.76	152	1236	0.27	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	219	0.36	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	1870	0.32	ng	-0.04
25) Fluoranthene-d10	18.83	212	3199	0.30	ng	-0.03
29) Terphenyl-d14	19.43	244	2841	0.34	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.03	88	4261m	5.547	ng	Qvalue
18) Fluorene	15.10	166	182	0.030	ng	94
23) Phenanthrene	16.84	178	644	0.069	ng	99

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

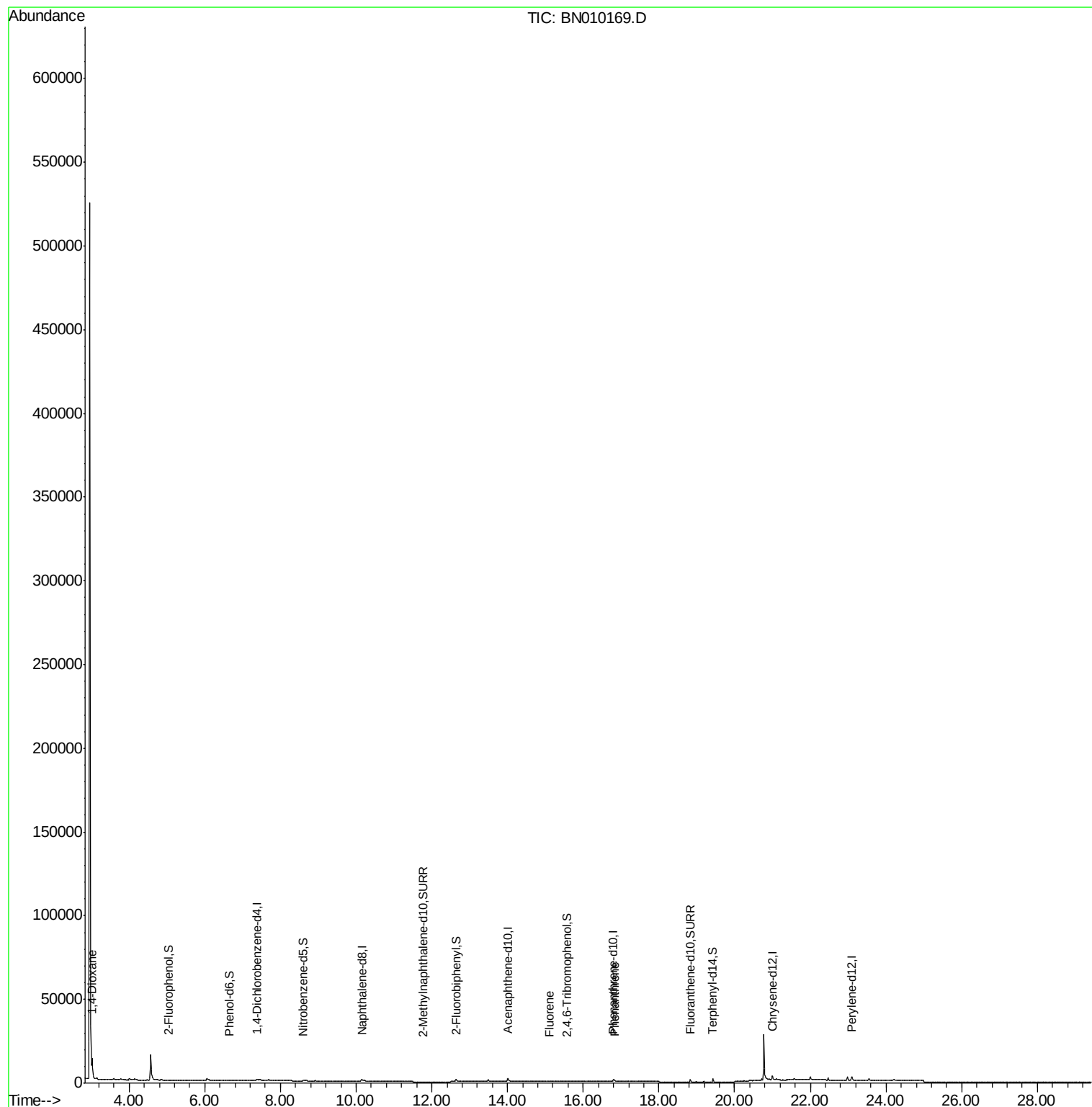
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010169.D
Acq On : 10 Mar 2020 20:40
Operator : CG/JU
Sample : L1842-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

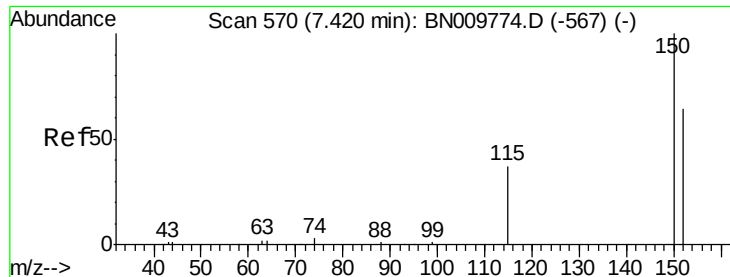
Instrument :
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RE132D6-20200304

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

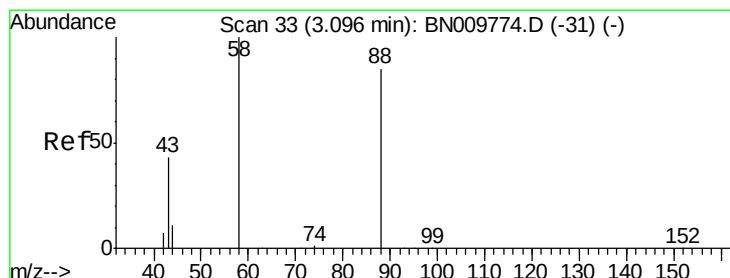
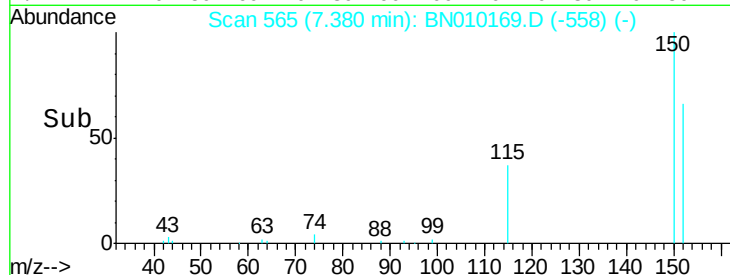
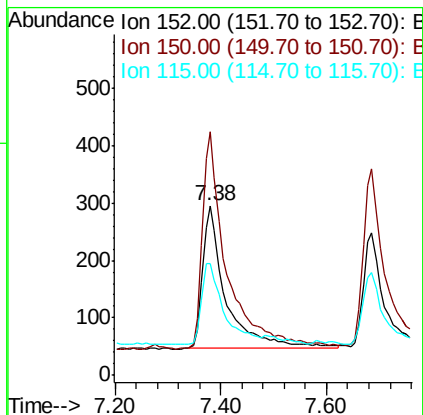
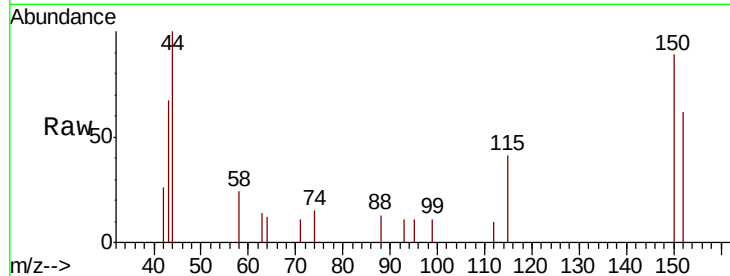
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010169.D
Acq: 10 Mar 2020 20:40

Instrument :
BNA_N
ClientSampleId :
RE132D6-20200304

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	120.6	181.0
115	65.8	51.2	76.8

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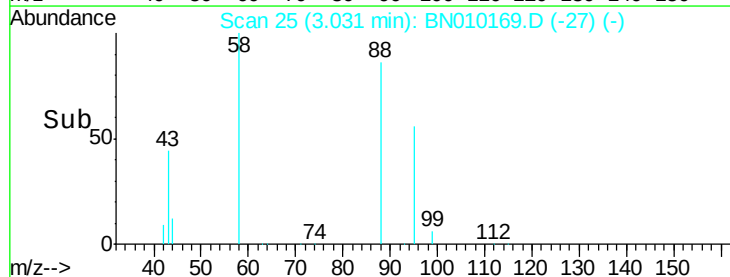
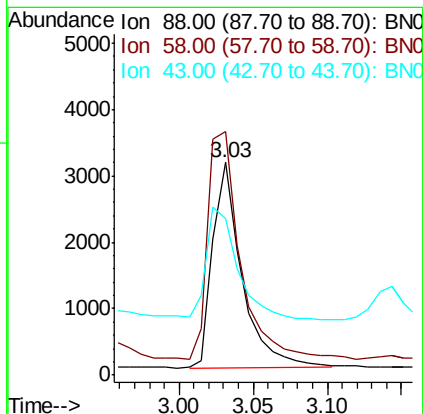
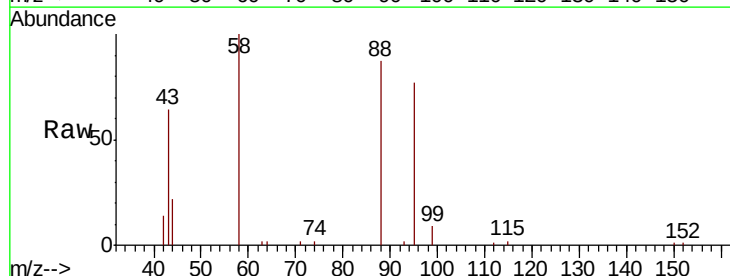
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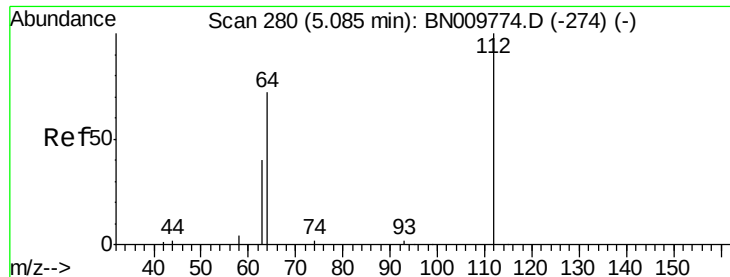


#2

1,4-Dioxane
Concen: 5.547 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010169.D
Acq: 10 Mar 2020 20:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.05 min Scan# 276

Delta R.T. -0.03 min

Lab File: BN010169.D

Acq: 10 Mar 2020 20:40

Instrument :

BNA_N

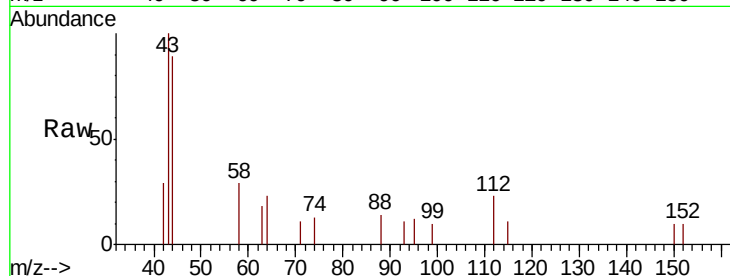
ClientSampleId :

RE132D6-20200304

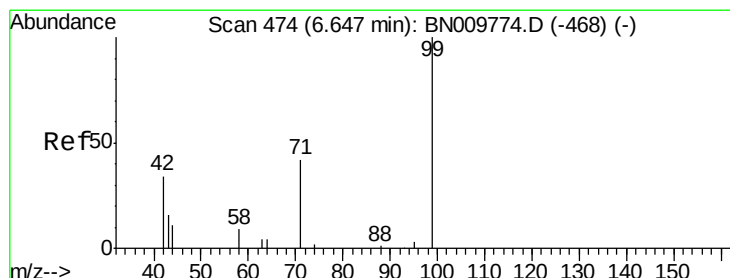
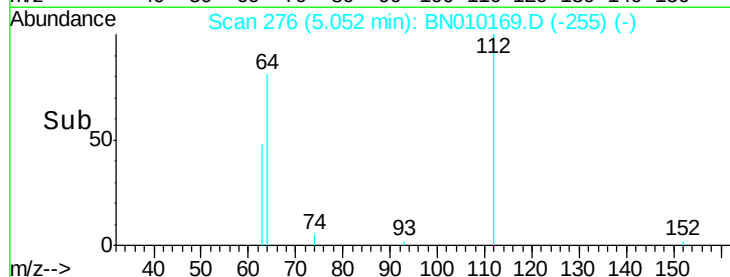
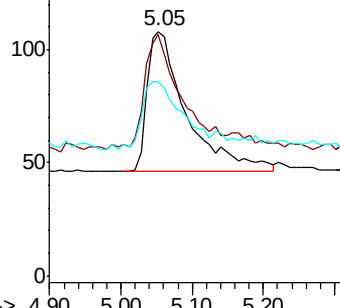
Tot Ion:	112	Resp:	240
Ion	Ratio	Lower	Upper
112	100		
64	75.8	65.8	98.6
63	53.8	38.7	58.1

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Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.070 ng

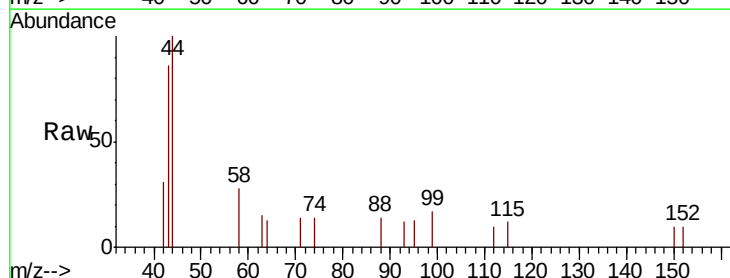
RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

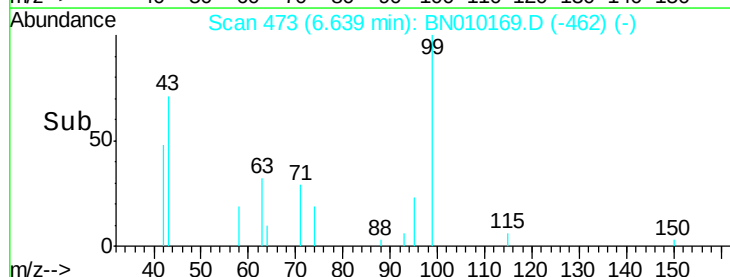
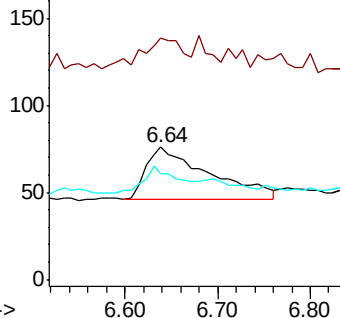
Lab File: BN010169.D

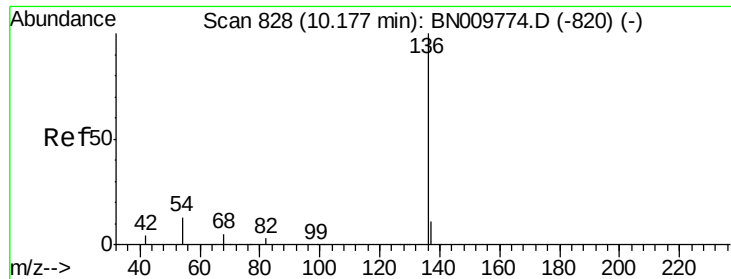
Acq: 10 Mar 2020 20:40

Tgt Ion:	99	Resp:	143
Ion	Ratio	Lower	Upper
99	100		
42	38.5	30.8	46.2
71	24.5	34.9	52.3#



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: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010169.D

Acq: 10 Mar 2020 20:40

Instrument :

BNA_N

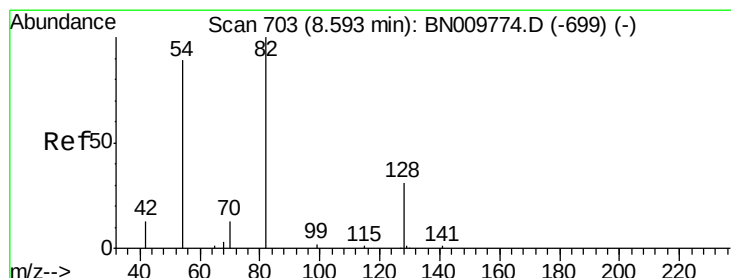
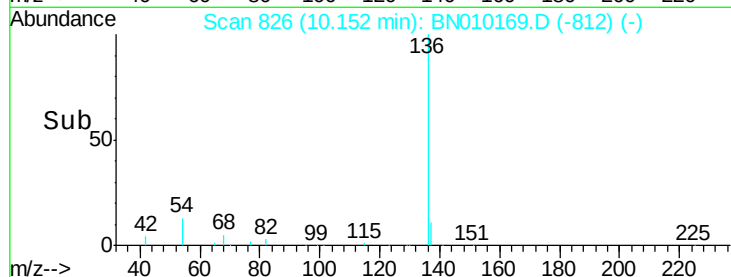
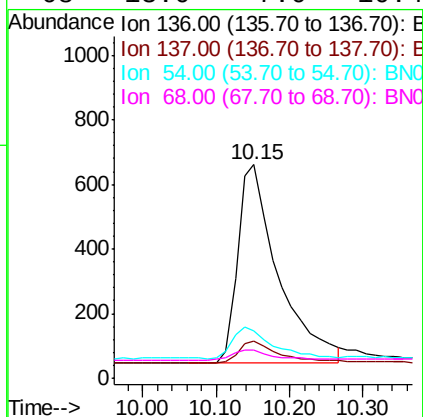
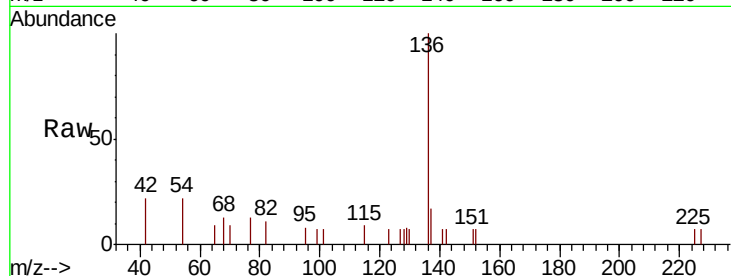
ClientSampleId :

RE132D6-20200304

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		2362		
137	17.4	11.3	16.9#		
54	21.9	13.4	20.2#		
68	13.0	7.0	10.4#		

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#8

Nitrobenzene-d5

Concen: 0.295 ng

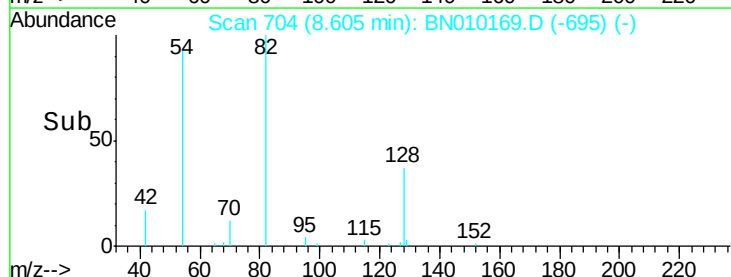
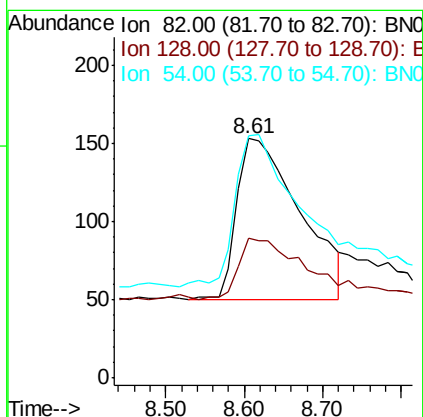
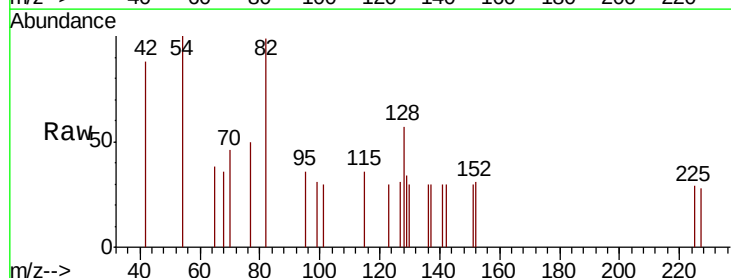
RT: 8.61 min Scan# 704

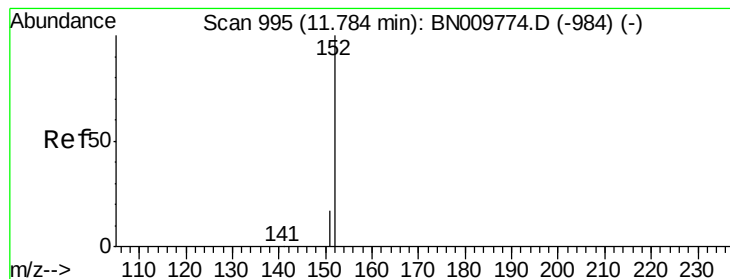
Delta R.T. 0.01 min

Lab File: BN010169.D

Acq: 10 Mar 2020 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		579		
128	58.2	32.5	48.7#		
54	101.3	73.5	110.3		





#11

2-Methylnaphthalene-d10

Concen: 0.270 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.03 min

Lab File: BN010169.D

Acq: 10 Mar 2020 20:40

Instrument :

BNA_N

ClientSampleId :

RE132D6-20200304

Tot Ion:152 Resp: 1236

Ion Ratio Lower Upper

152 100

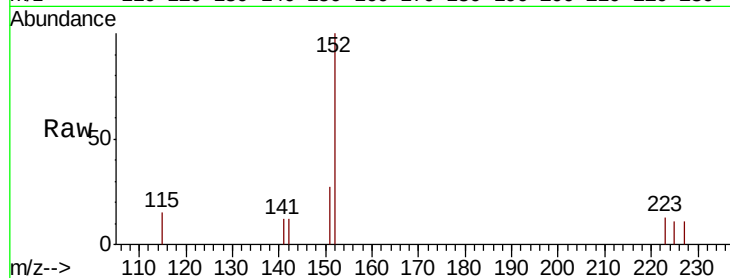
151 18.0 15.1 22.7

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

400

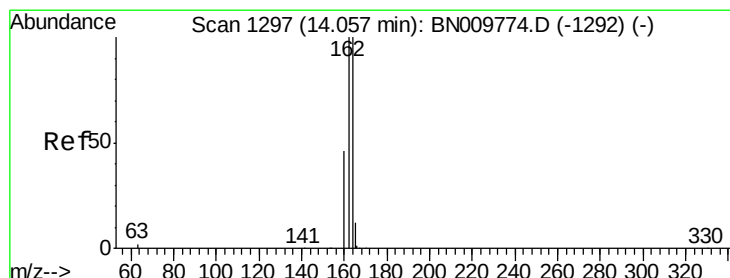
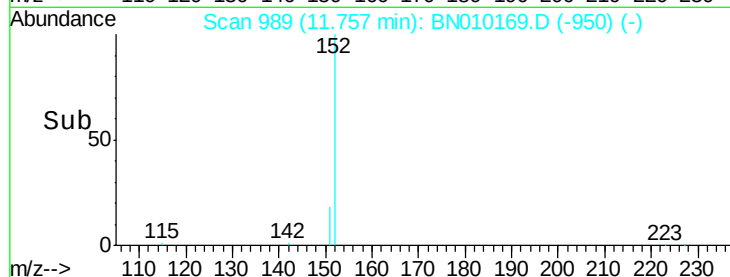
300

200

100

0

Time--> 11.60 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010169.D

Acq: 10 Mar 2020 20:40

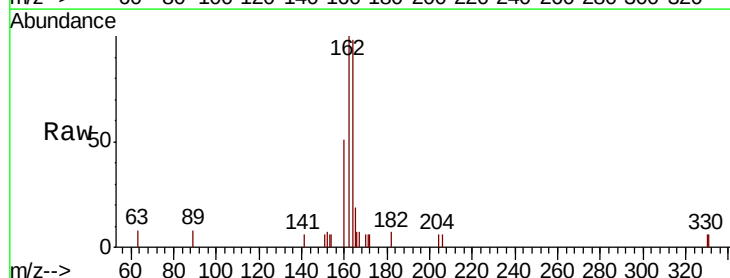
Tgt Ion:164 Resp: 1559

Ion Ratio Lower Upper

164 100

162 102.5 79.9 119.9

160 52.0 38.2 57.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.00

1000

800

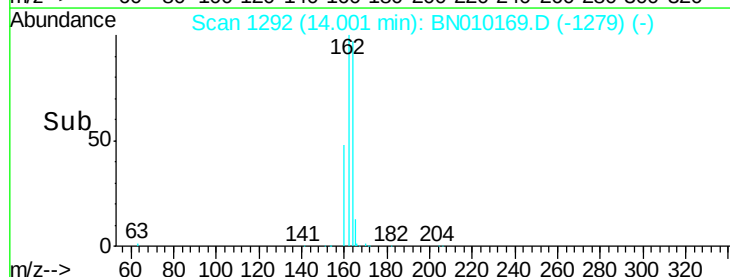
600

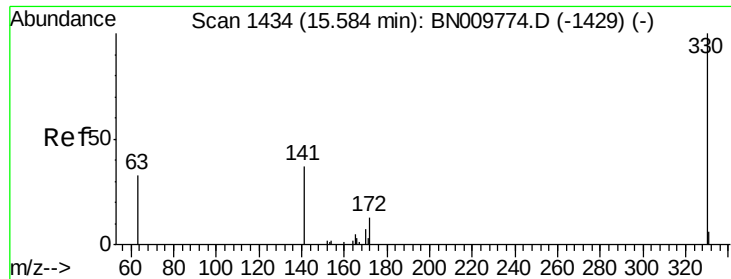
400

200

0

Time--> 14.00 14.20





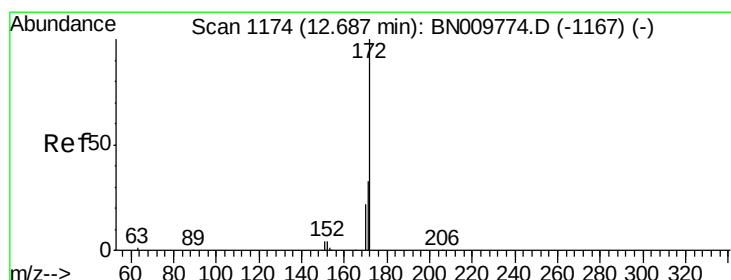
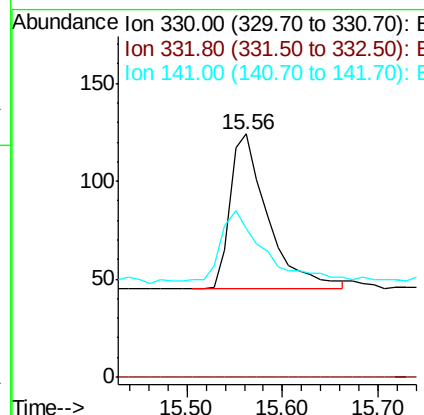
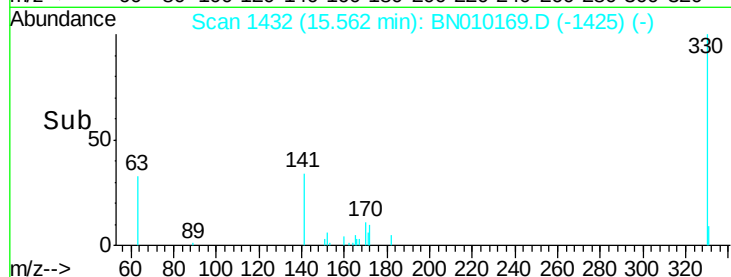
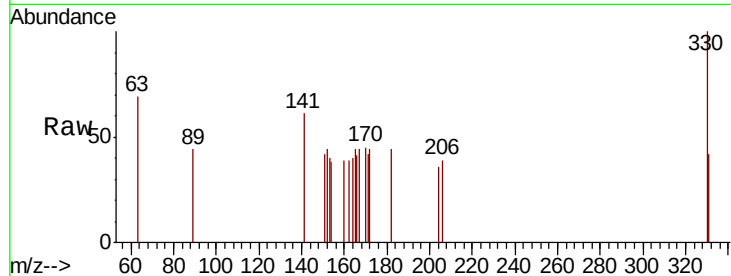
#14
 2,4,6-Tribromophenol
 Concen: 0.365 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BN010169.D
 Acq: 10 Mar 2020 20:40

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20200304

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.6	36.8	55.2

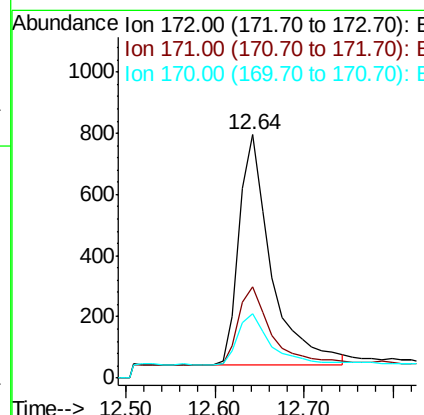
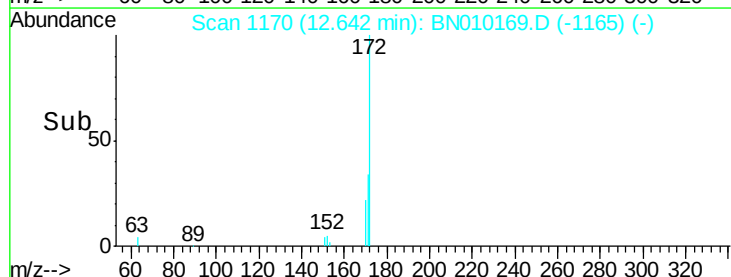
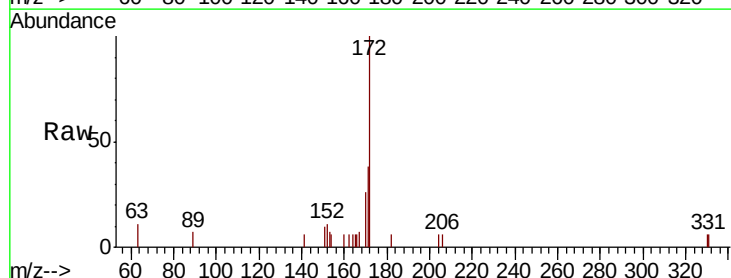
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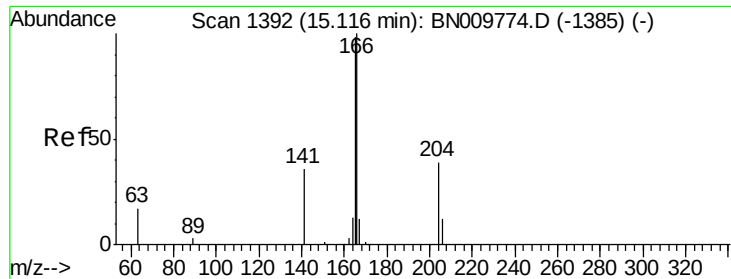
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#15
 2-Fluorobiphenyl
 Concen: 0.318 ng
 RT: 12.64 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010169.D
 Acq: 10 Mar 2020 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	26.4	20.1	30.1





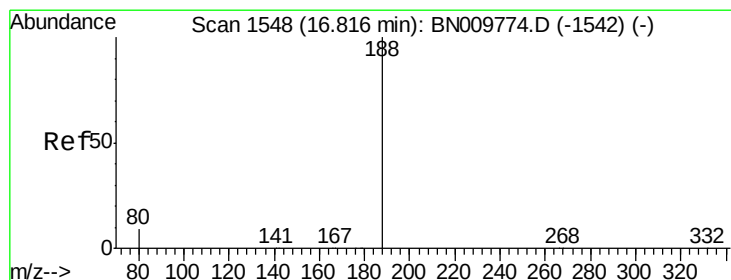
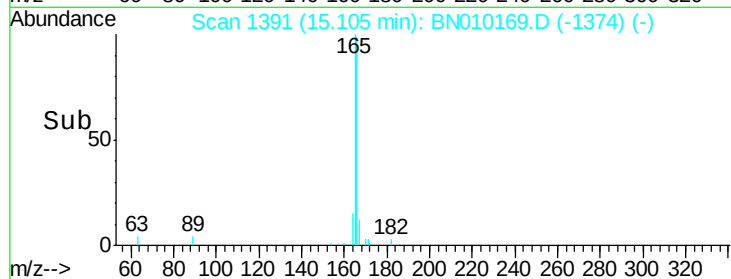
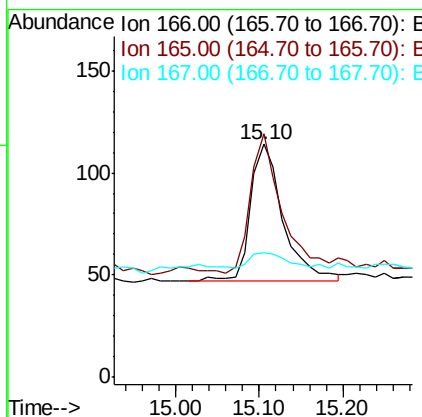
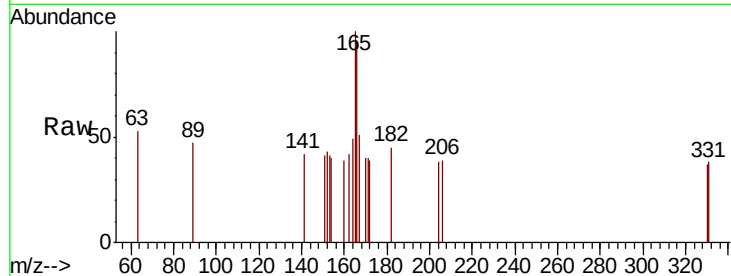
#18
Fluorene
 Concen: 0.030 ng
 RT: 15.10 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BN010169.D
 Acq: 10 Mar 2020 20:40

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20200304

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.7	77.2	115.8
167	12.6	10.5	15.7

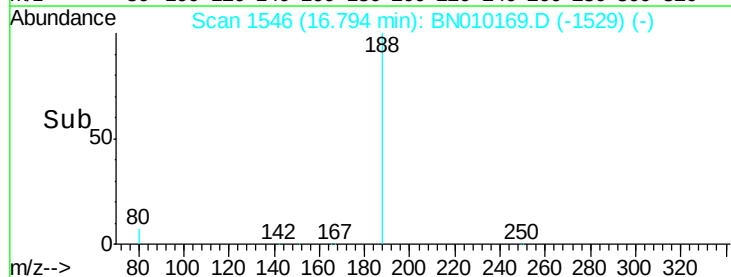
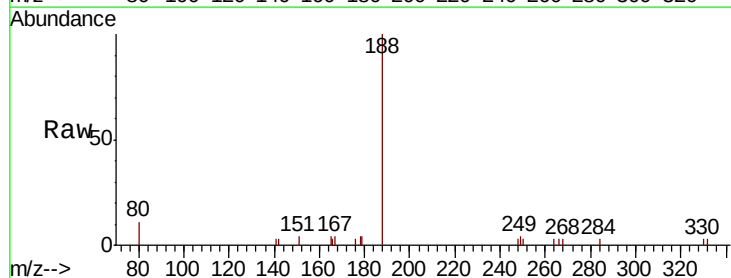
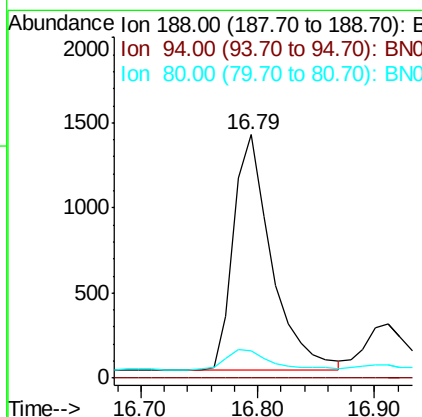
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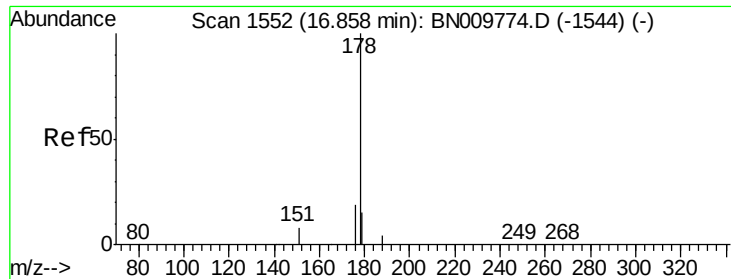
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#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.79 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BN010169.D
 Acq: 10 Mar 2020 20:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	8.3	12.5





#23

Phenanthrene

Concen: 0.069 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN010169.D

Acq: 10 Mar 2020 20:40

Instrument :

BNA_N

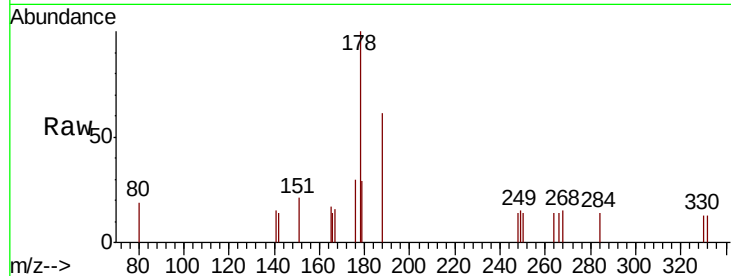
ClientSampleId :

RE132D6-20200304

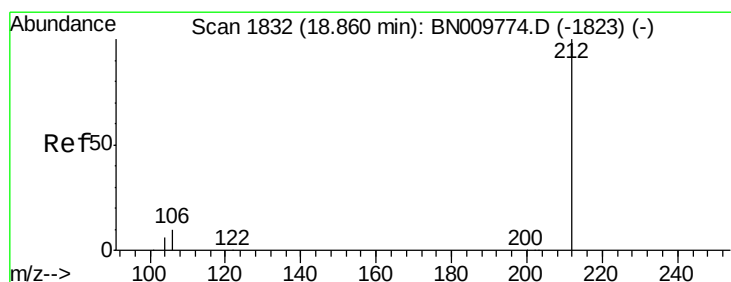
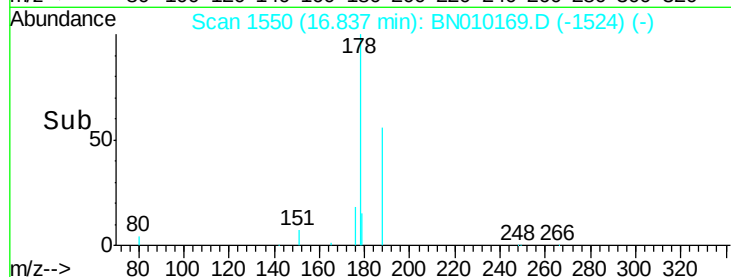
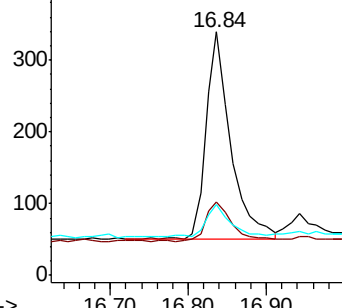
Tot Ion:	178	Resp:	644
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	15.4	12.4	18.6

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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: 0.296 ng

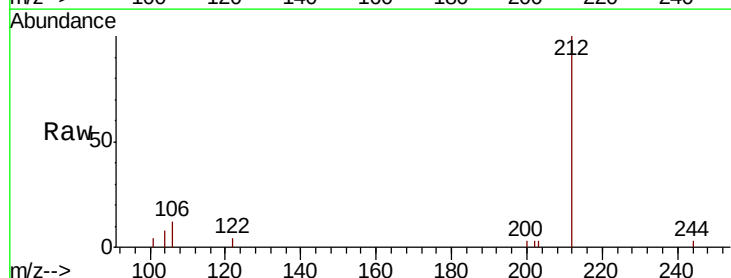
RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

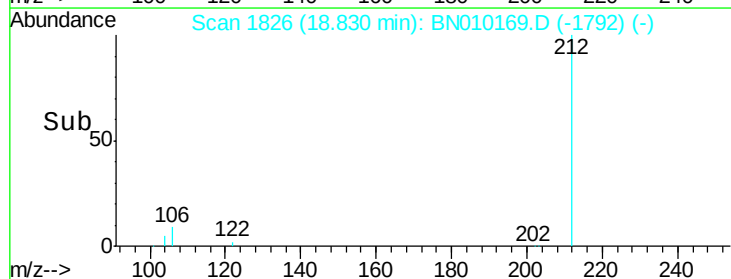
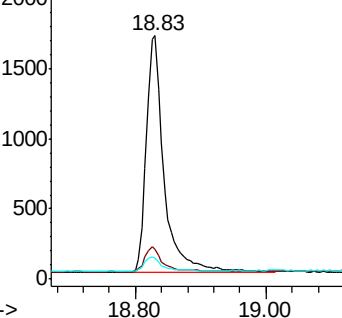
Lab File: BN010169.D

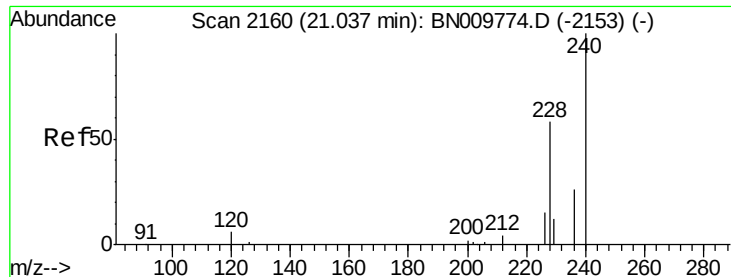
Acq: 10 Mar 2020 20:40

Tgt Ion:	212	Resp:	3199
Ion	Ratio	Lower	Upper
212	100		
106	11.1	8.4	12.6
104	6.4	4.8	7.2



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





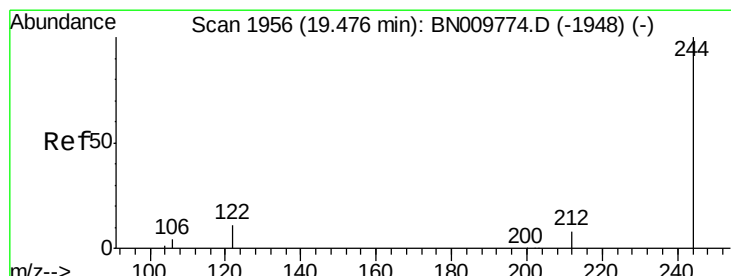
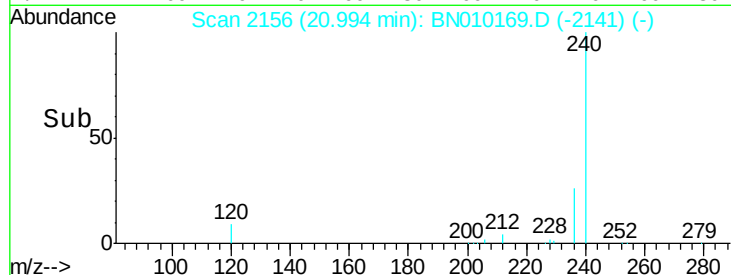
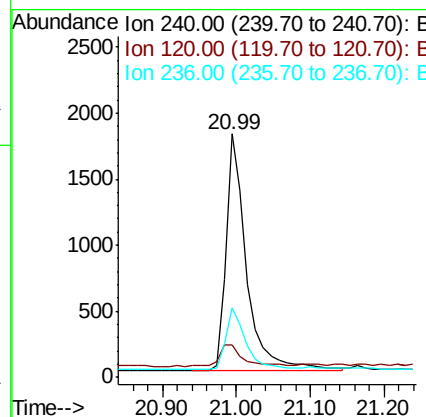
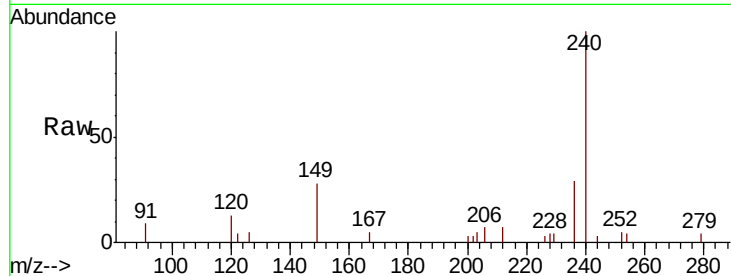
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.99 min Scan# 2156
 Delta R.T. -0.04 min
 Lab File: BN010169.D
 Acq: 10 Mar 2020 20:40

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20200304

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	7.9	11.9#
236	28.7	22.0	33.0

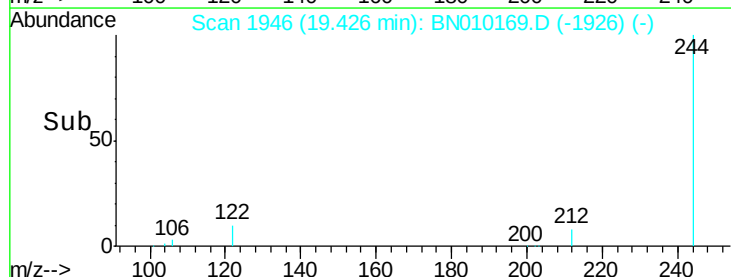
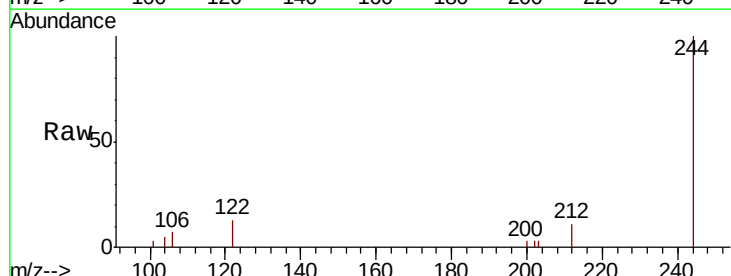
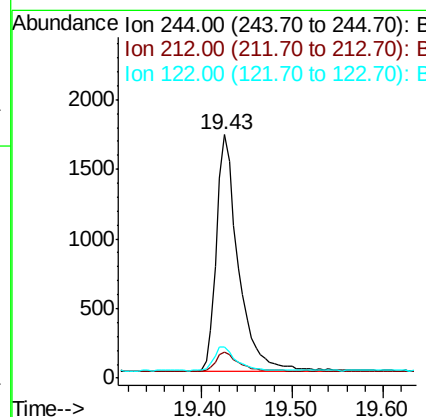
Manual Integrations
 APPROVED

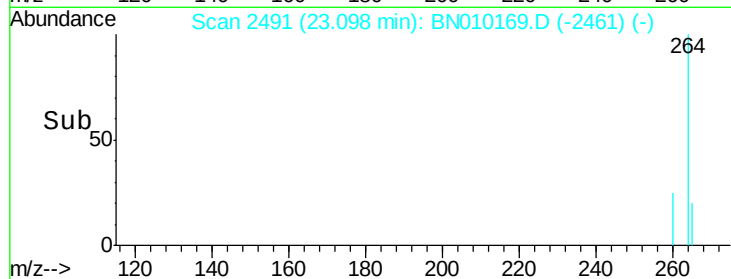
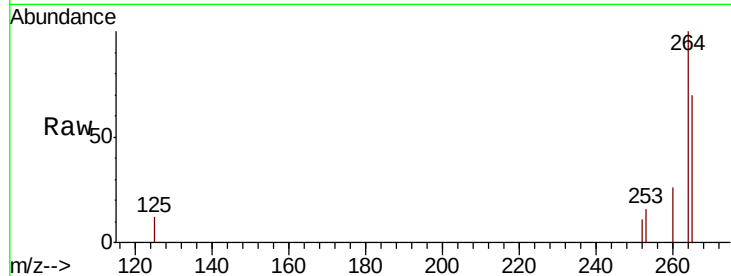
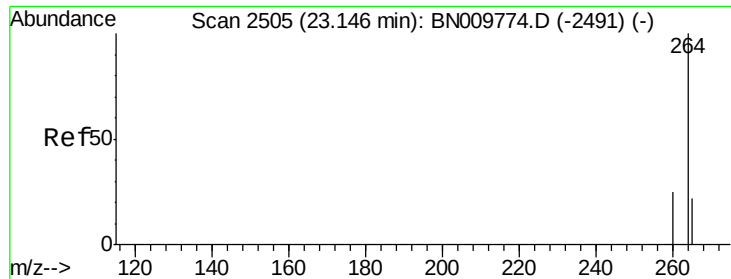
mohammad
 3/11/2020 5:07:59 PM



#29
 Terphenyl-d14
 Concen: 0.338 ng
 RT: 19.43 min Scan# 1946
 Delta R.T. -0.05 min
 Lab File: BN010169.D
 Acq: 10 Mar 2020 20:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.0	12.0
122	13.0	10.0	15.0





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2491
 Delta R.T. -0.05 min
 Lab File: BN010169.D
 Acq: 10 Mar 2020 20:40

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	70.4	57.5	86.3

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20200304

Manual Integrations
 APPROVED

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