

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010179.D
 Acq On : 11 Mar 2020 06:55
 Operator : CG/JU
 Sample : L1842-14DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200305DL

Manual Integrations
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Quant Time: Mar 11 07:45:57 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	7.39	152	785	0.40	ng	-0.03
7) Naphthalene-d8	10.18	136	2374	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1766	0.40	ng	-0.04
19) Phenanthrene-d10	16.80	188	3099	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3998	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3833	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	187	0.11	ng	-0.02
5) Phenol-d6	6.68	99	41	0.02	ng	0.03
8) Nitrobenzene-d5	8.67	82	528m	0.27	ng	0.08
11) 2-Methylnaphthalene-d10	11.78	152	770	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.58	330	126	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	1377	0.21	ng	-0.03
25) Fluoranthene-d10	18.83	212	2039	0.19	ng	-0.03
29) Terphenyl-d14	19.43	244	1764	0.18	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.03	88	2561m	3.185	ng	Qvalue
32) Bis(2-ethylhexyl)phthalate	20.92	149	525	0.081	ng	# 90

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

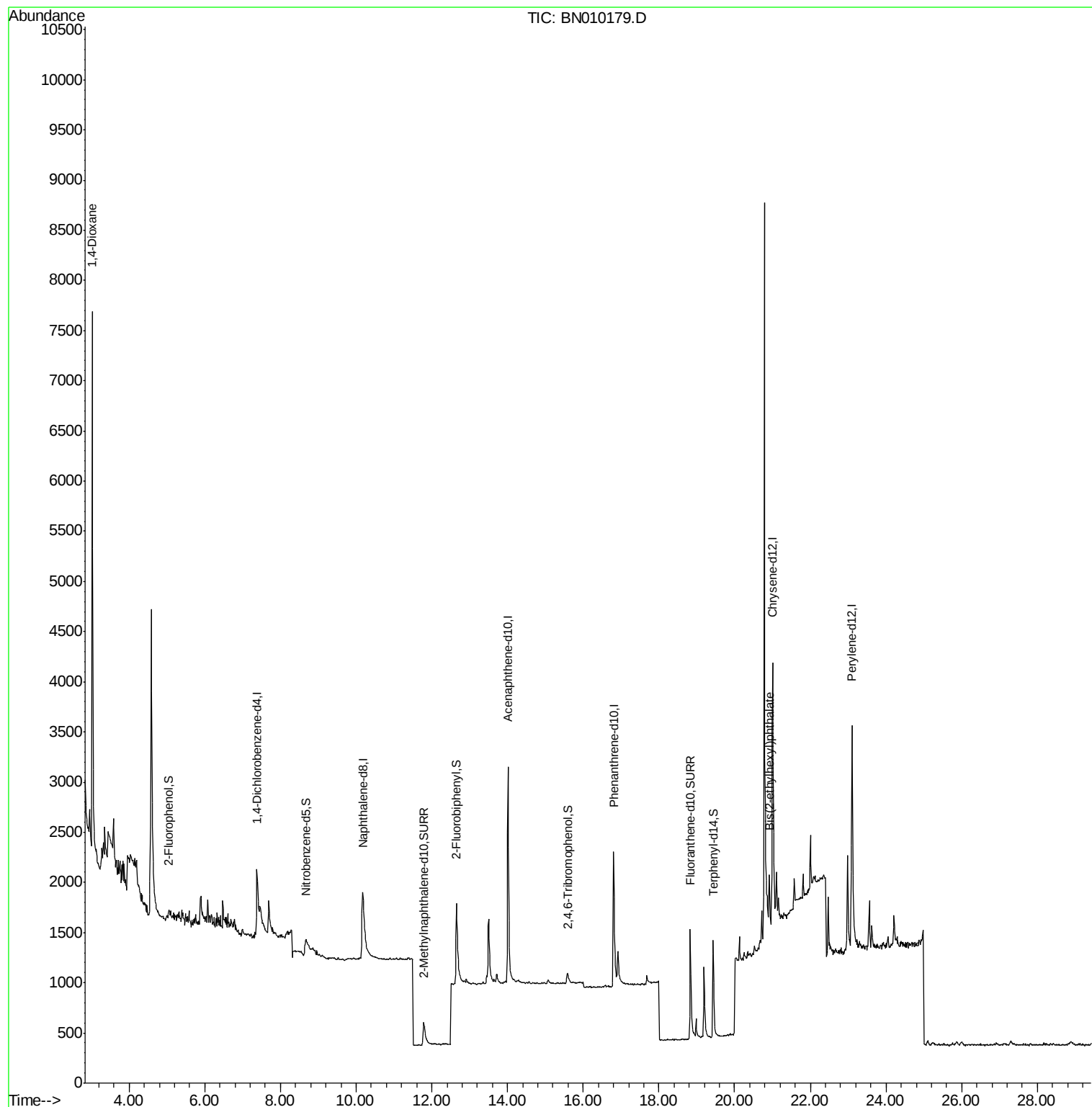
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010179.D
Acq On : 11 Mar 2020 06:55
Operator : CG/JU
Sample : L1842-14DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

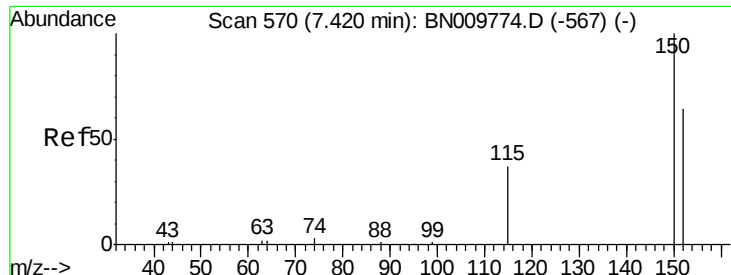
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#1

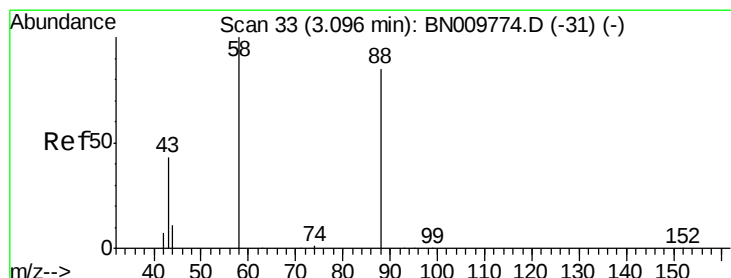
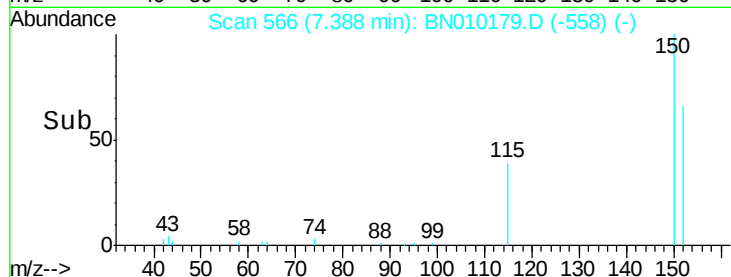
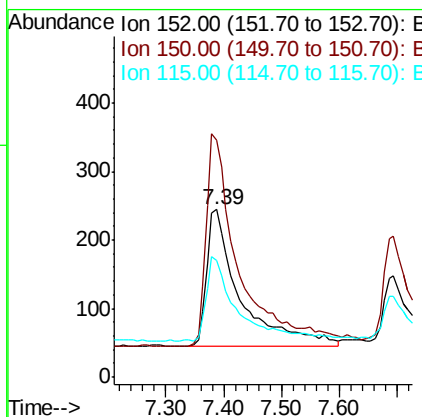
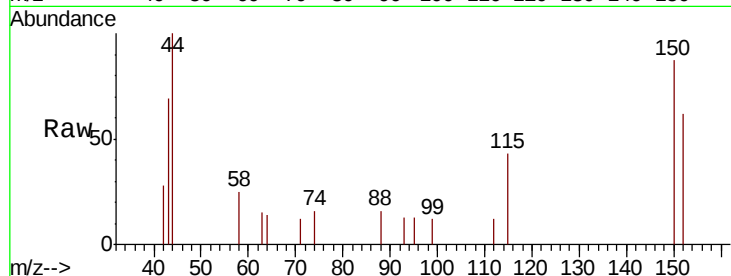
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010179.D
Acq: 11 Mar 2020 06:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	120.6	181.0
115	69.7	51.2	76.8

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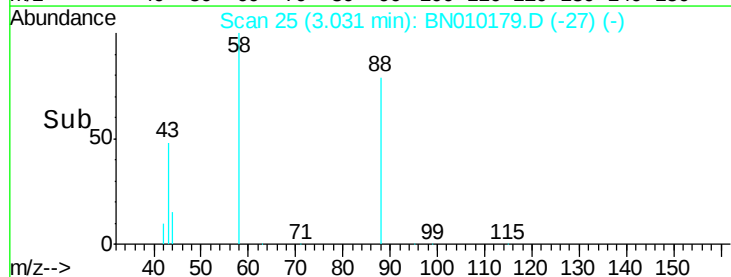
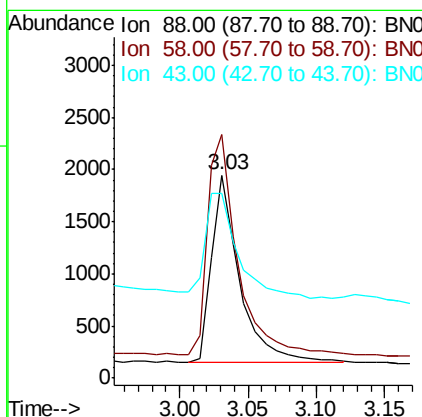
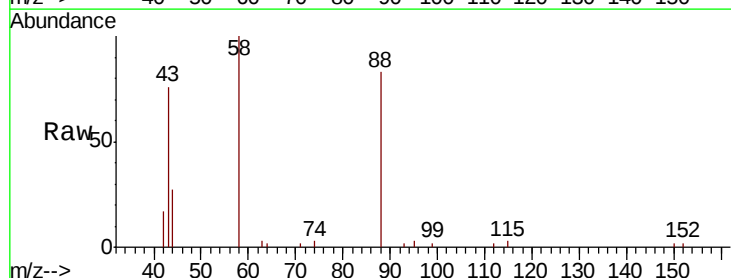
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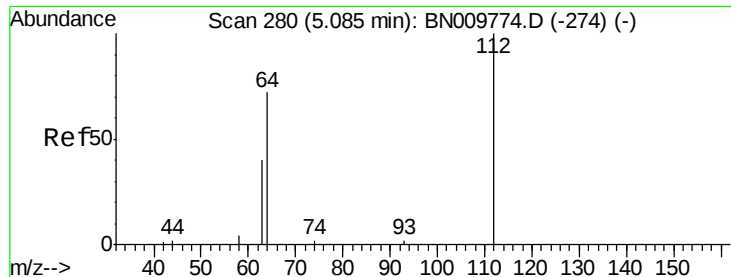


#2

1,4-Dioxane
Concen: 3.185 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010179.D
Acq: 11 Mar 2020 06:55

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: 0.107 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

Instrument :

BNA_N

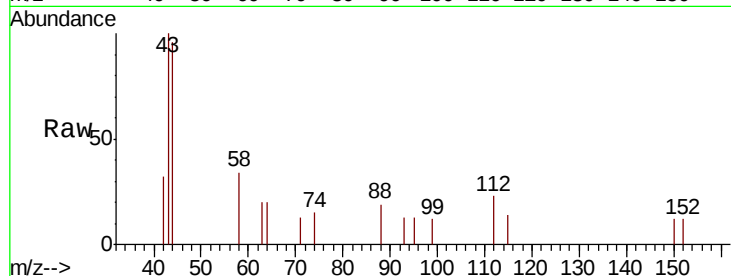
ClientSampleId :

RE132D2-20200305DL

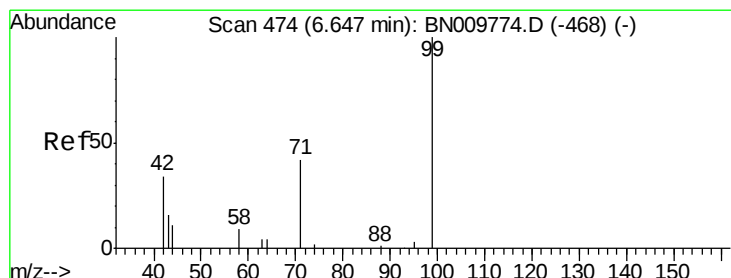
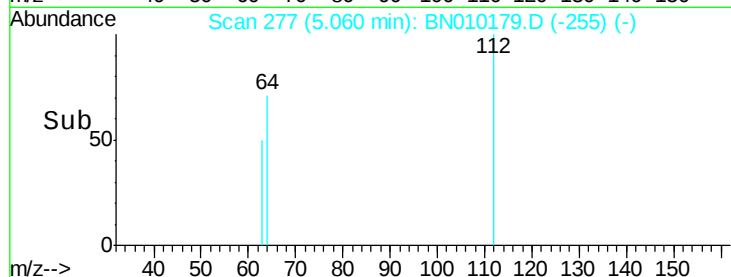
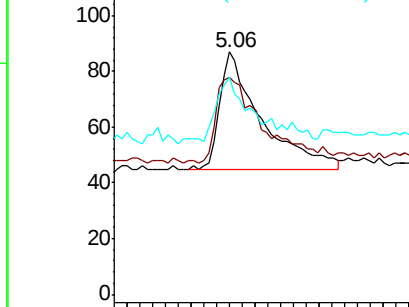
Tot Ion:	112	Resp:	187
Ion	Ratio	Lower	Upper
112	100		
64	82.9	65.8	98.6
63	40.6	38.7	58.1

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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: 0.019 ng

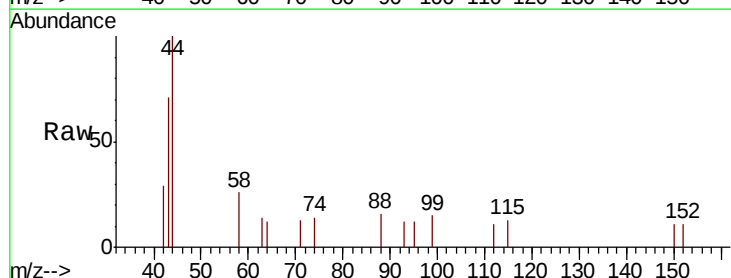
RT: 6.68 min Scan# 478

Delta R.T. 0.03 min

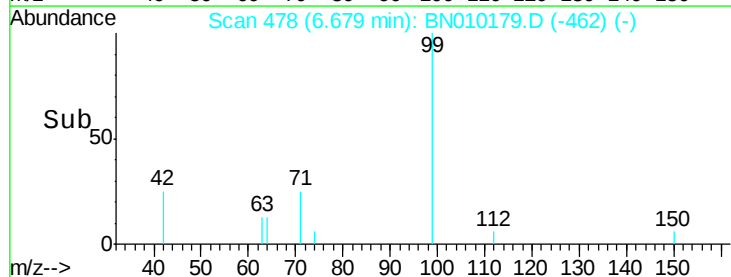
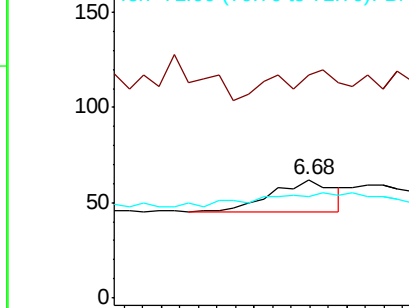
Lab File: BN010179.D

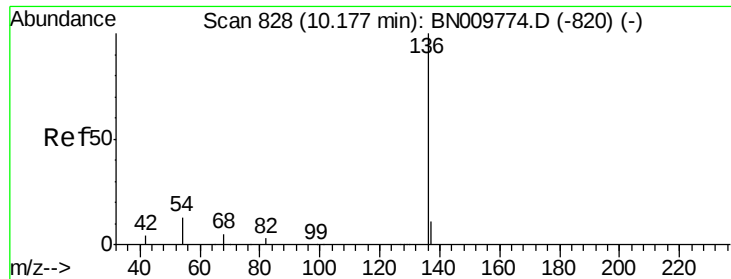
Acq: 11 Mar 2020 06:55

Tgt Ion:	99	Resp:	41
Ion	Ratio	Lower	Upper
99	100		
42	24.4	30.8	46.2#
71	80.5	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: 10.18 min Scan# 828

Delta R.T. -0.00 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

Instrument :

BNA_N

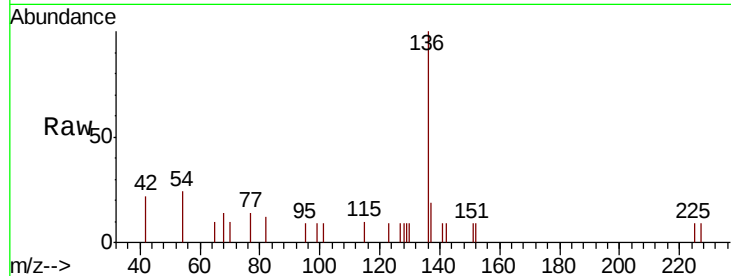
ClientSampleId :

RE132D2-20200305DL

Tot Ion	Ratio	Lower	Upper
136	100		
137	18.7	11.3	16.9#
54	23.6	13.4	20.2#
68	14.0	7.0	10.4#

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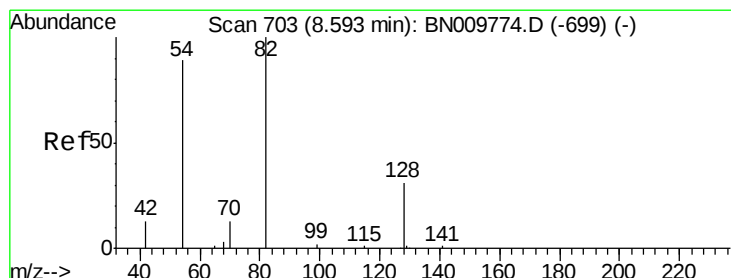
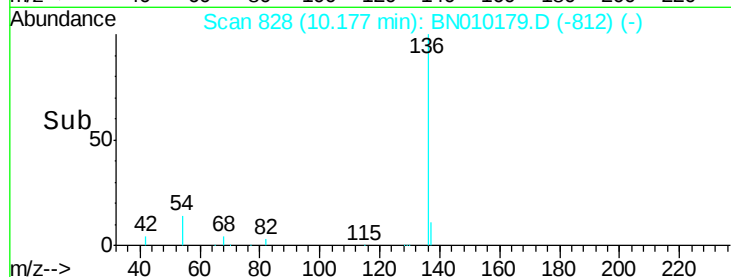
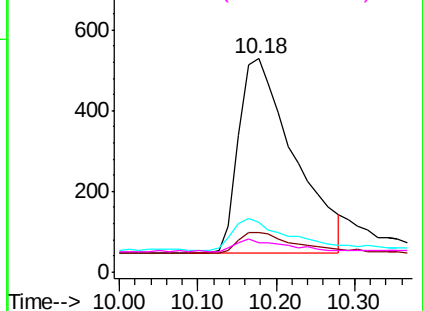


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.267 ng m

RT: 8.67 min Scan# 709

Delta R.T. 0.08 min

Lab File: BN010179.D

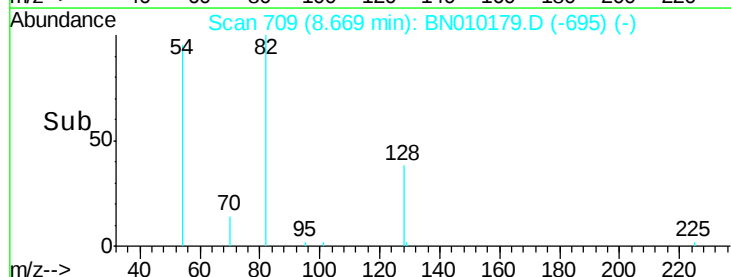
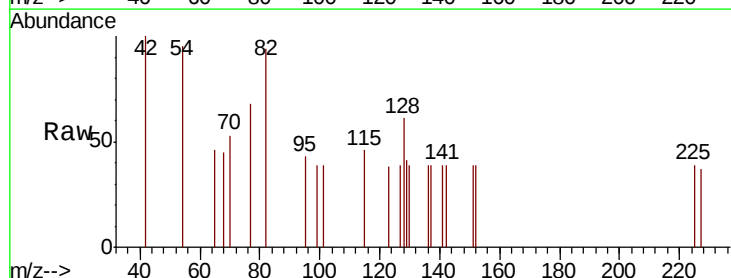
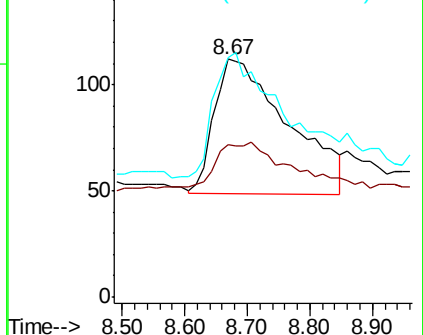
Acq: 11 Mar 2020 06:55

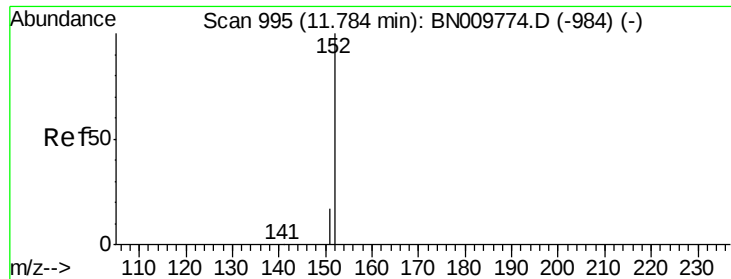
Tgt Ion	Ratio	Lower	Upper
82	100		
128	64.3	32.5	48.7#
54	100.9	73.5	110.3

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





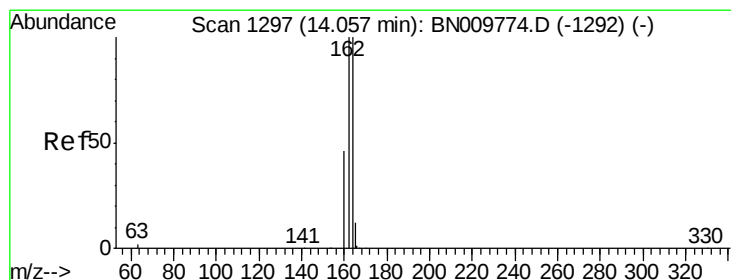
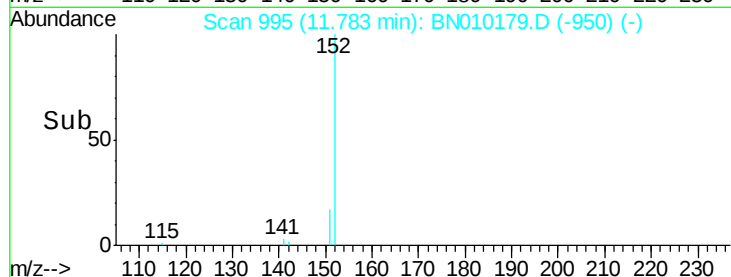
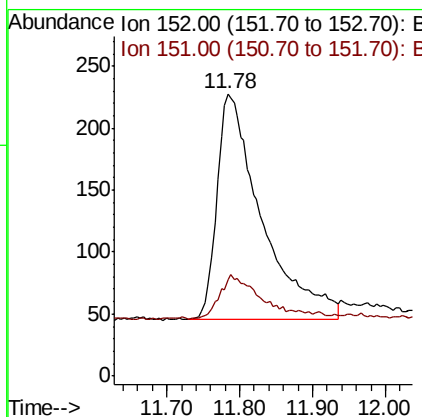
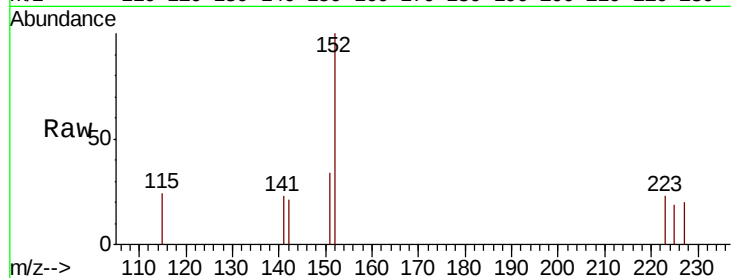
#11
2-Methylnaphthalene-d10
Concen: 0.168 ng
RT: 11.78 min Scan# 995
Delta R.T. -0.00 min
Lab File: BN010179.D
Acq: 11 Mar 2020 06:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.1	15.1	22.7

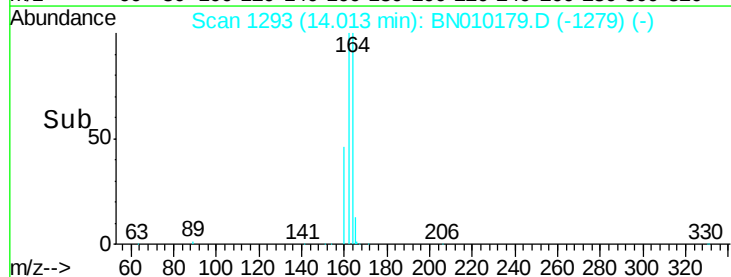
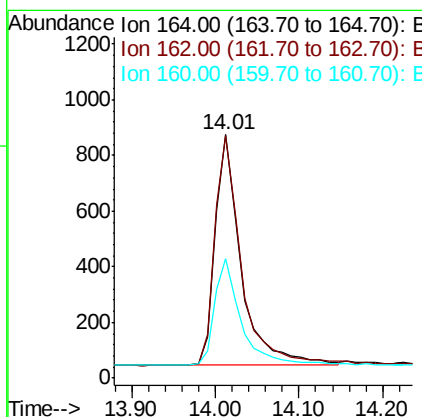
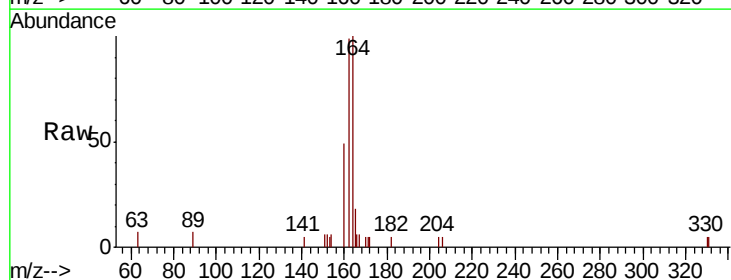
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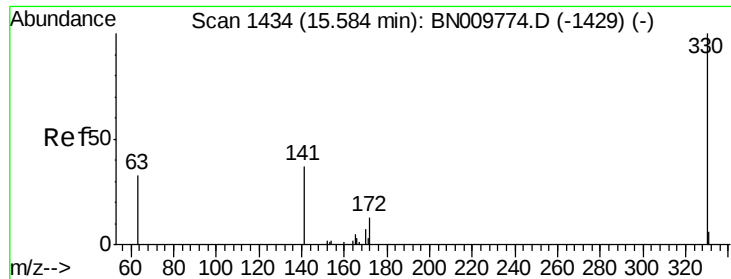
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BN010179.D
Acq: 11 Mar 2020 06:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.9	119.9
160	48.9	38.2	57.2





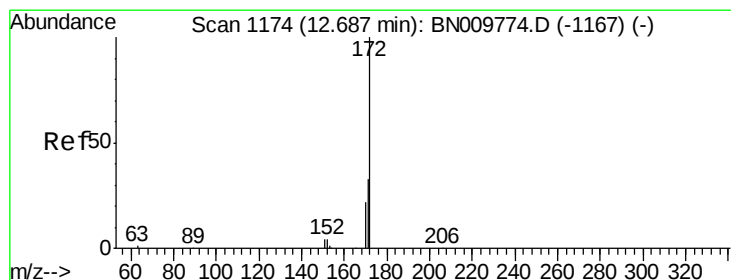
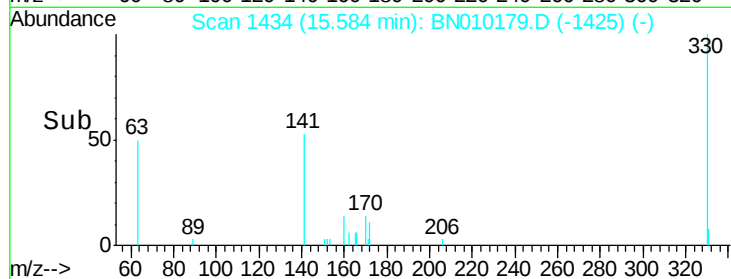
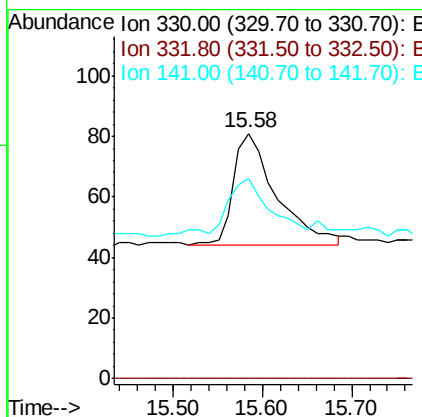
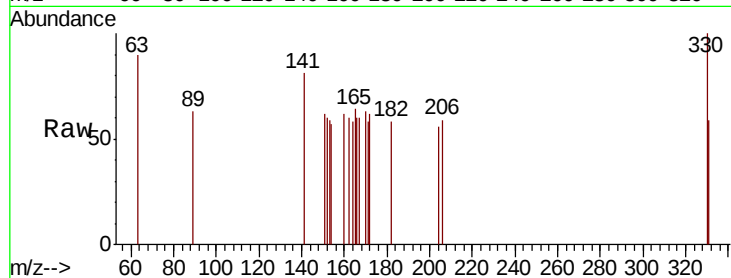
#14
 2,4,6-Tribromophenol
 Concen: 0.185 ng
 RT: 15.58 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BN010179.D
 Acq: 11 Mar 2020 06:55

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200305DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.2	36.8	55.2

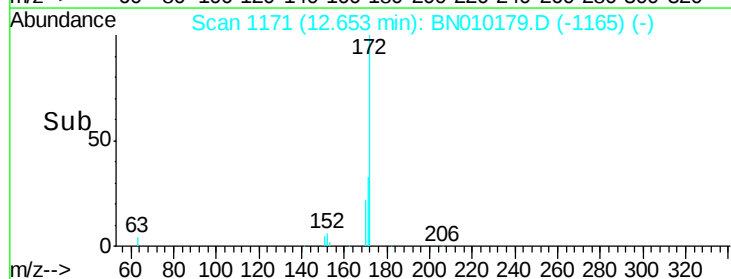
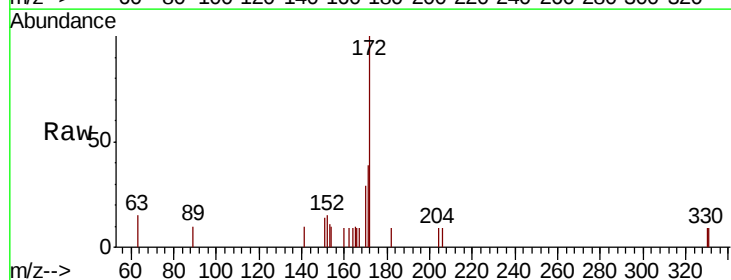
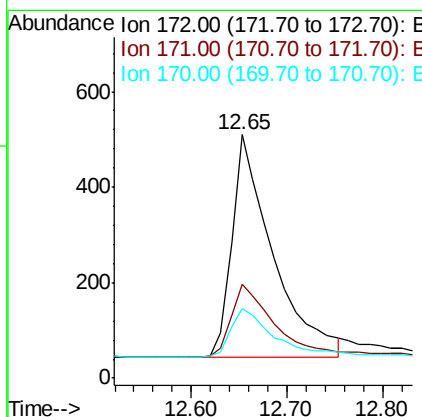
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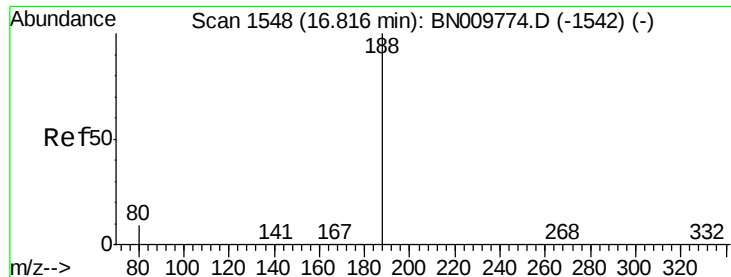
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#15
 2-Fluorobiphenyl
 Concen: 0.207 ng
 RT: 12.65 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BN010179.D
 Acq: 11 Mar 2020 06:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	28.7	43.1
170	28.8	20.1	30.1





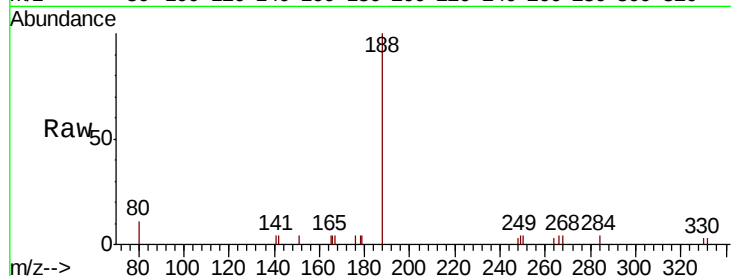
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN010179.D
Acq: 11 Mar 2020 06:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305DL

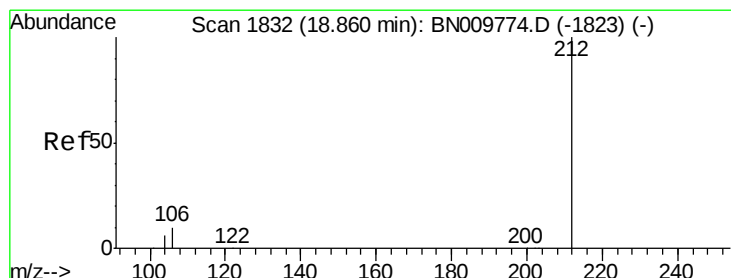
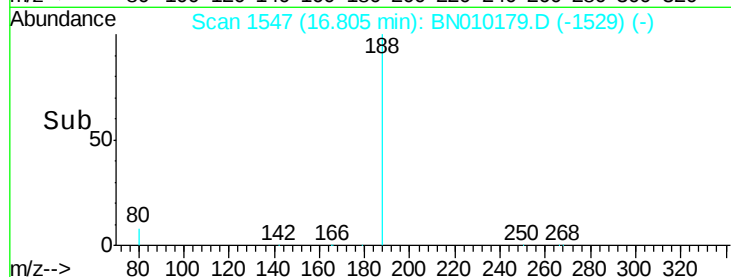
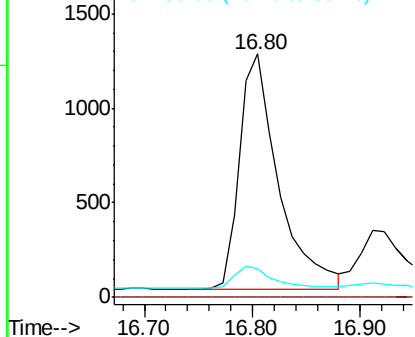
Tot Ion	Ratio	Resp	Lower	Upper
188	100	3099		
94	0.0	0.0	0.0	0.0
80	11.5	8.3	12.5	

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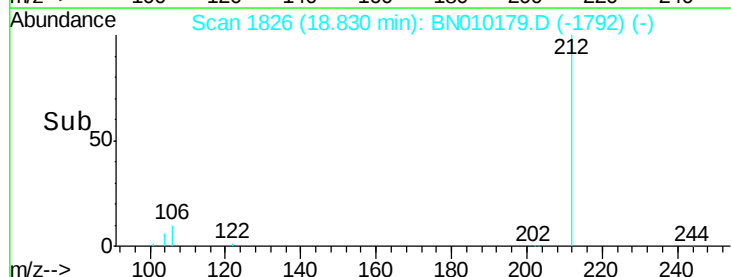
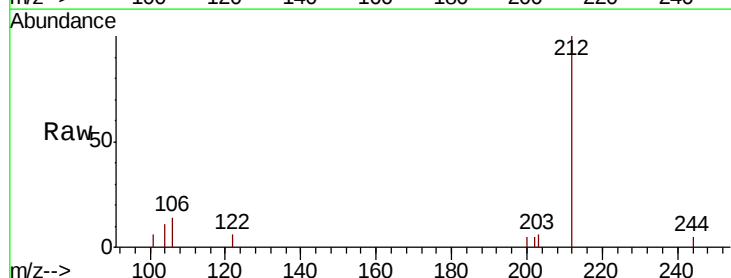
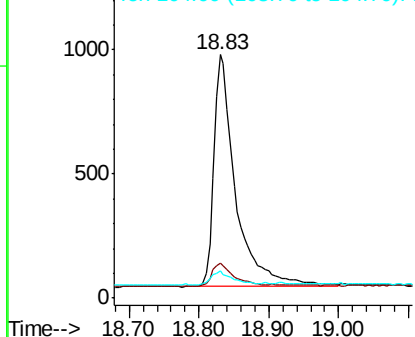
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

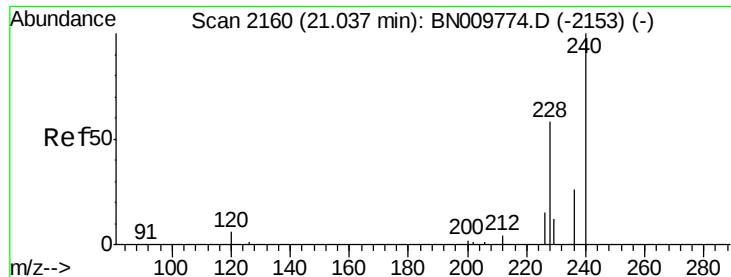


#25
Fluoranthene-d10
Concen: 0.190 ng
RT: 18.83 min Scan# 1826
Delta R.T. -0.03 min
Lab File: BN010179.D
Acq: 11 Mar 2020 06:55

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	2039		
106	9.8	8.4	12.6	
104	5.3	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: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

Instrument :

BNA_N

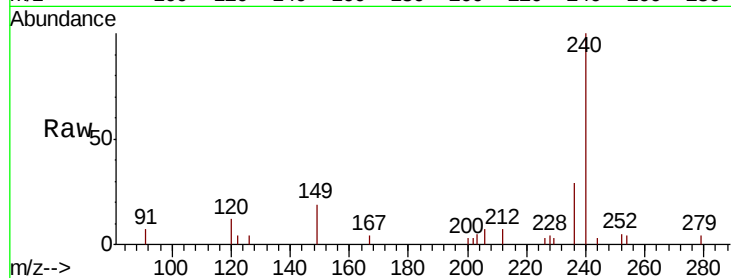
ClientSampleId :

RE132D2-20200305DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	7.9	11.9#
236	28.9	22.0	33.0

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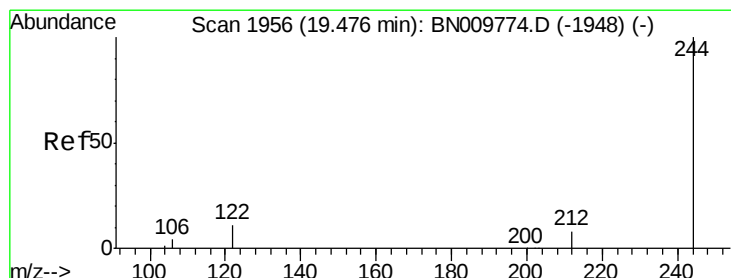
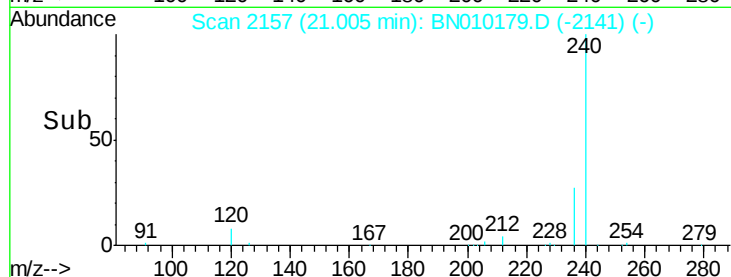
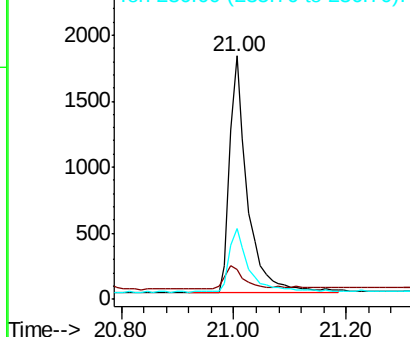


Abundance

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



#29

Terphenyl-d14

Concen: 0.185 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010179.D

Acq: 11 Mar 2020 06:55

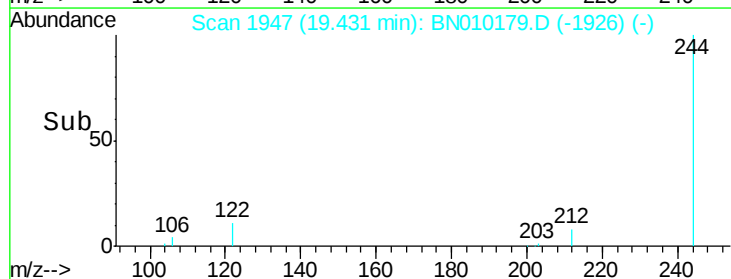
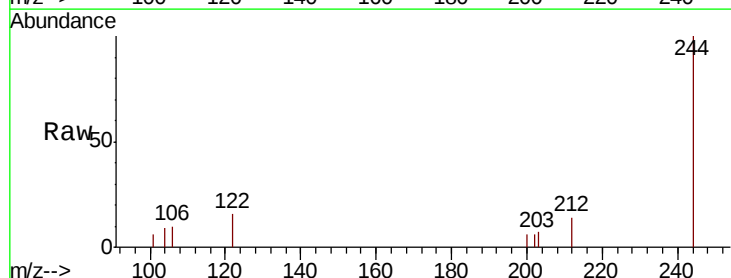
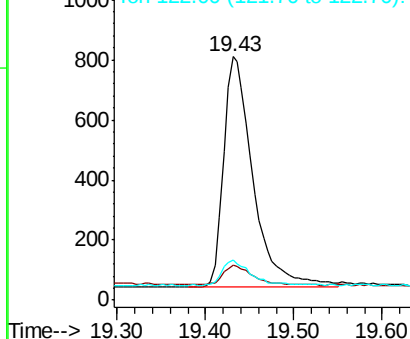
Tgt Ion	Ratio	Lower	Upper
244	100		
212	14.4	8.0	12.0#
122	16.4	10.0	15.0#

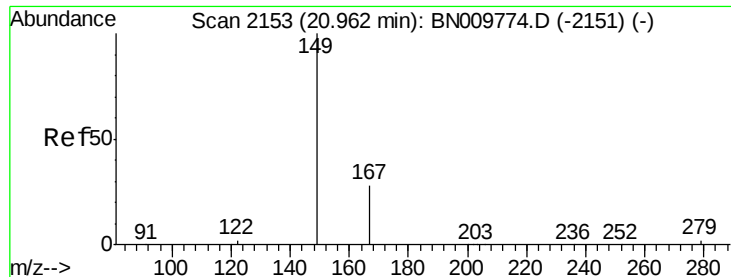
Abundance

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





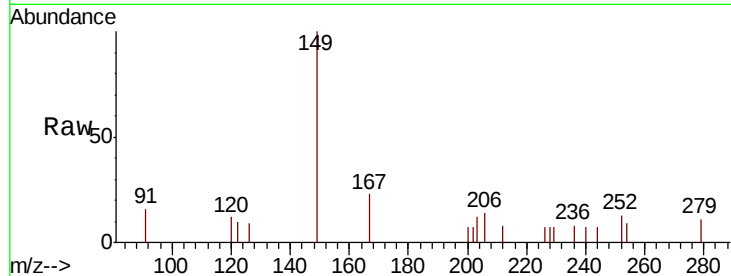
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 20.92 min Scan# 2149
Delta R.T. -0.04 min
Lab File: BN010179.D
Acq: 11 Mar 2020 06:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305DL

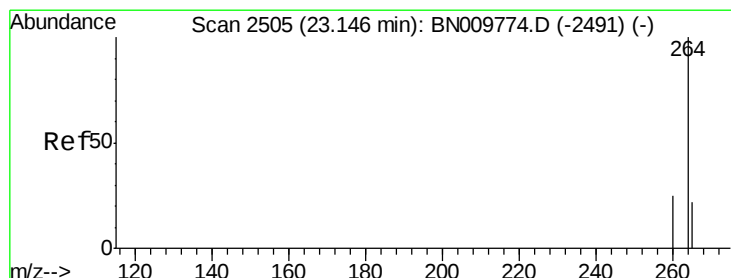
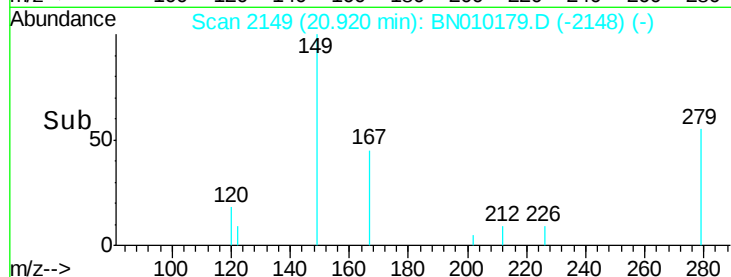
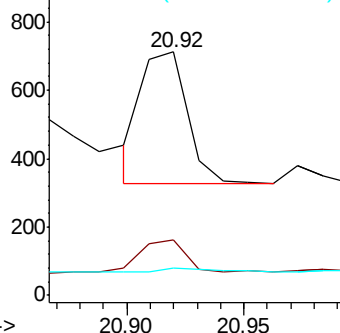
Tot Ion	Ratio	Lower	Upper
149	100		
167	22.3	22.7	34.1#
279	3.4	3.1	4.7

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:21 PM



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
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2492
Delta R.T. -0.04 min
Lab File: BN010179.D
Acq: 11 Mar 2020 06:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.1	31.7
265	62.9	57.5	86.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

