

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010180.D
 Acq On : 11 Mar 2020 07:32
 Operator : CG/JU
 Sample : L1842-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20200305

Manual Integrations
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Quant Time: Mar 11 08:51:43 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	7.37	152	763	0.40	ng	-0.05
7) Naphthalene-d8	10.18	136	2663m	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1715	0.40	ng	-0.05
19) Phenanthrene-d10	16.79	188	4019	0.40	ng	-0.03
27) Chrysene-d12	21.01	240	3411	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3688	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	345	0.20	ng	-0.02
5) Phenol-d6	6.60	99	285	0.14	ng	-0.05
8) Nitrobenzene-d5	8.66	82	766m	0.35	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	1480	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	15.58	330	233	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	2195	0.34	ng	-0.04
25) Fluoranthene-d10	18.83	212	3891	0.28	ng	-0.03
29) Terphenyl-d14	19.43	244	3569	0.44	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.02	88	7987m	10.221	ng	
32) Bis(2-ethylhexyl)phthalate	20.91	149	741	0.134	ng	92

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

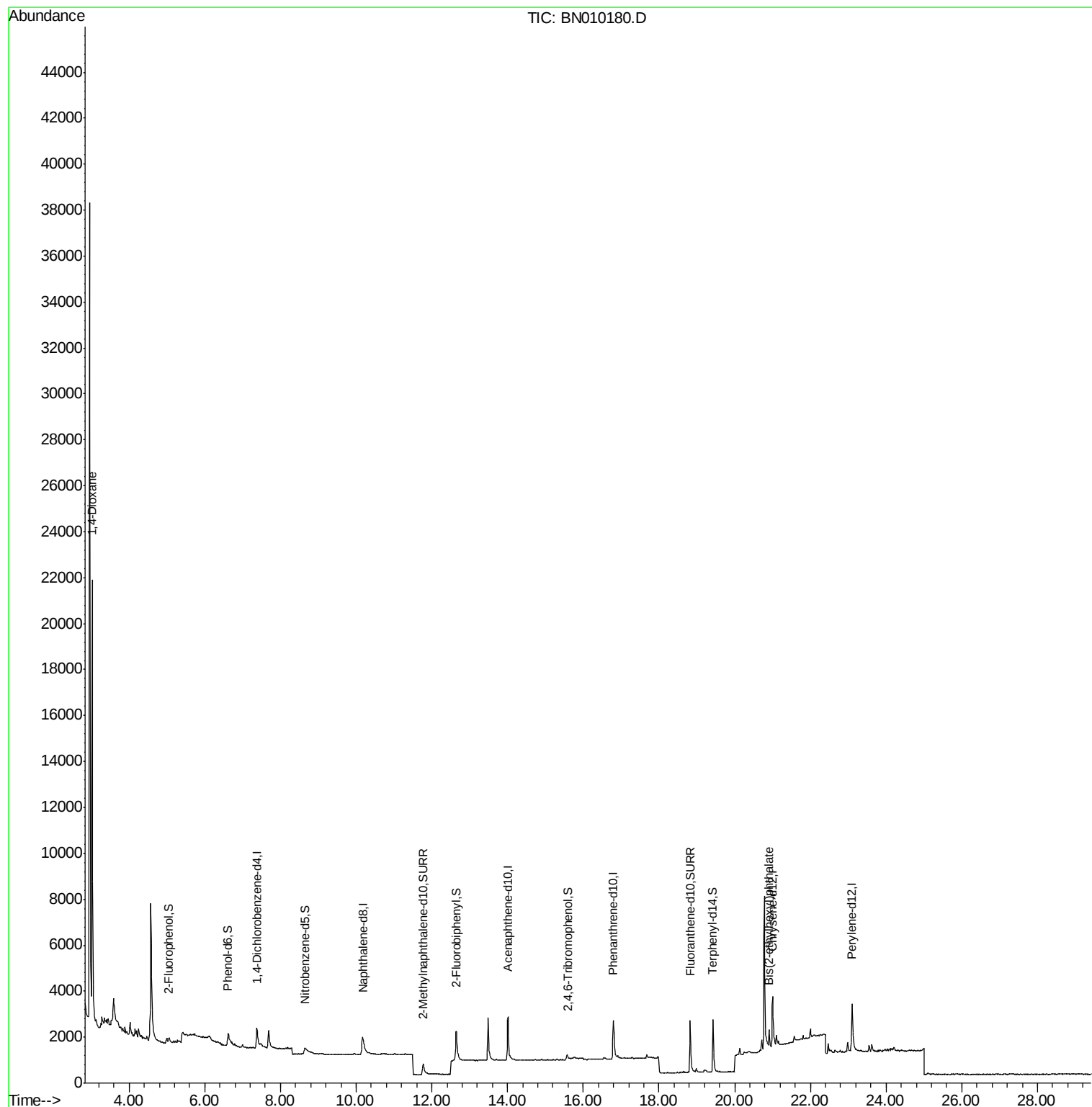
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010180.D
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Operator : CG/JU
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ALS Vial : 21 Sample Multiplier: 1

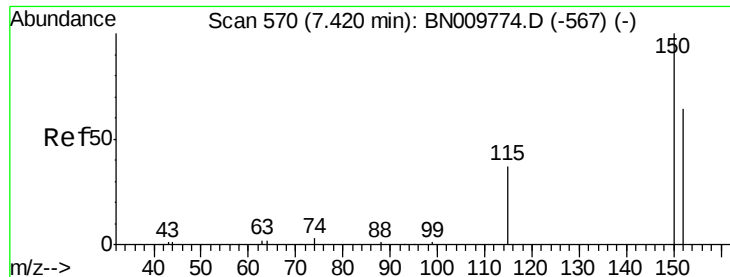
Instrument :
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#1

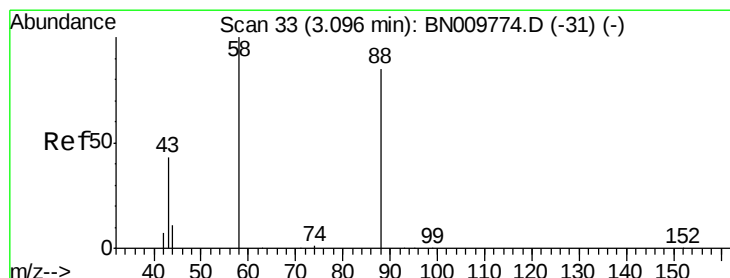
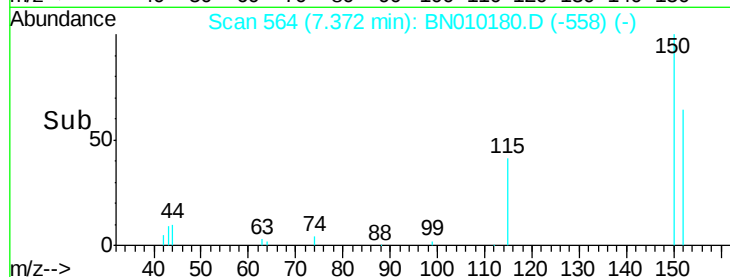
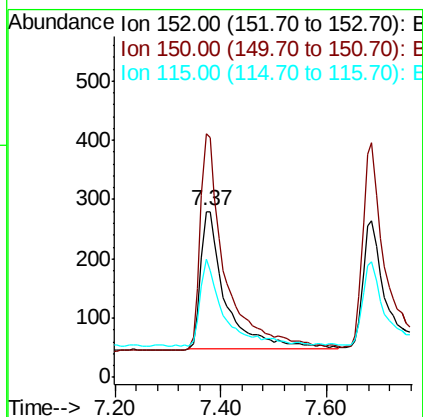
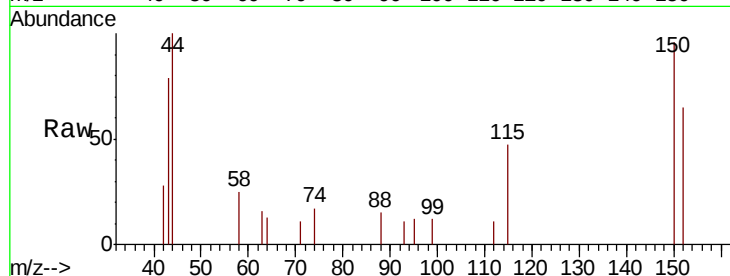
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Instrument :
BNA_N
ClientSampleId :
RE134D2-20200305

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	120.6	181.0
115	71.4	51.2	76.8

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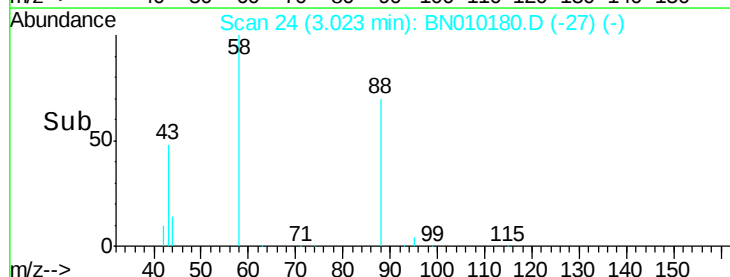
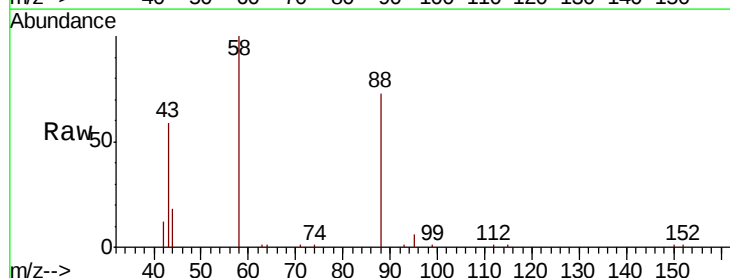
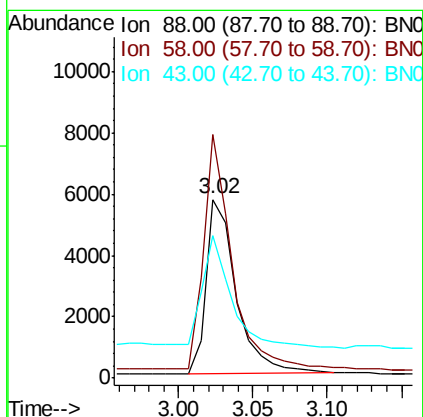
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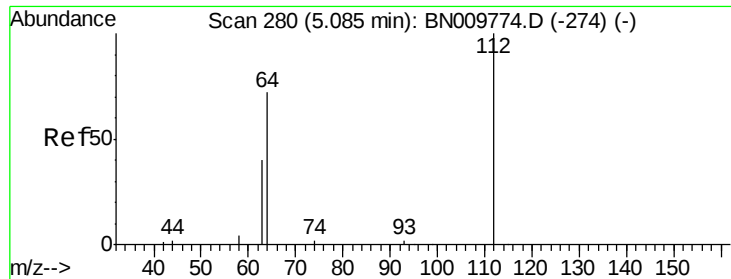


#2

1,4-Dioxane
Concen: 10.221 ng m
RT: 3.02 min Scan# 24
Delta R.T. -0.07 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

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: 0.203 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

Instrument :

BNA_N

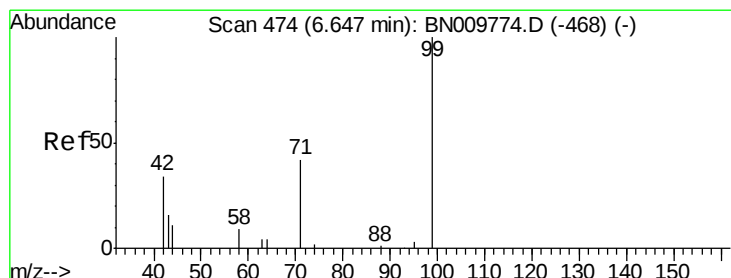
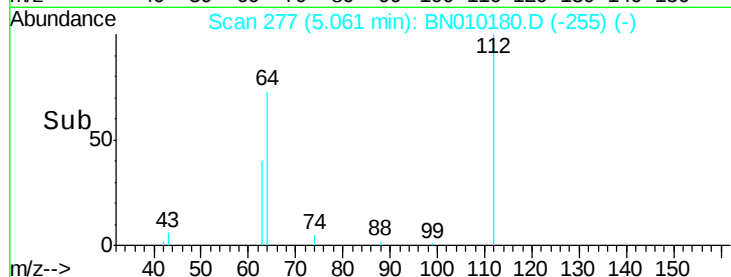
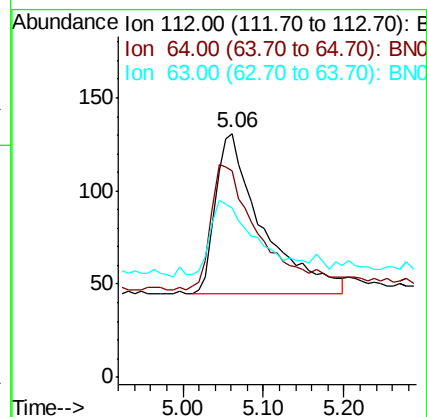
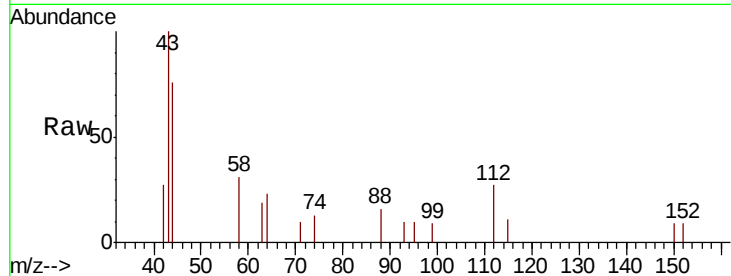
ClientSampleId :

RE134D2-20200305

Tot Ion:	112	Resp:	345
Ion Ratio	Lower	Upper	
112	100		
64	81.4	65.8	98.6
63	45.8	38.7	58.1

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#5

Phenol-d6

Concen: 0.138 ng

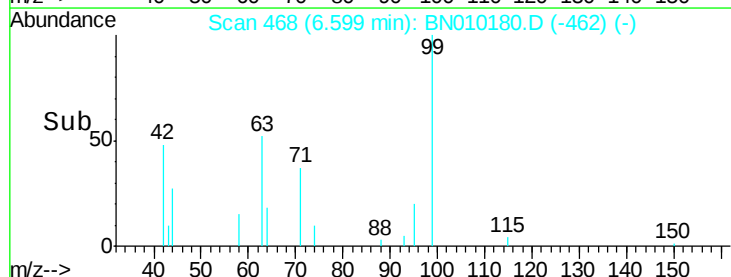
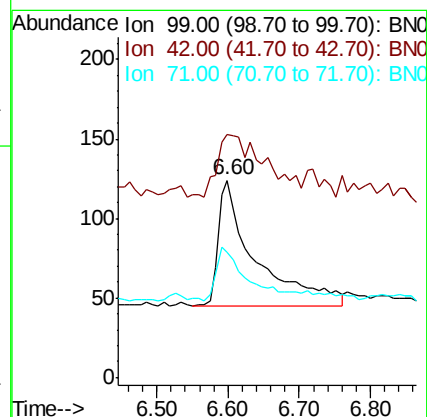
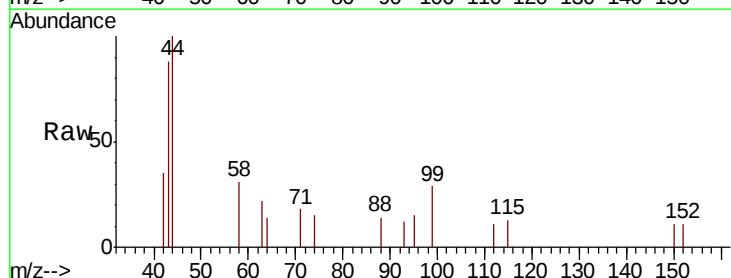
RT: 6.60 min Scan# 468

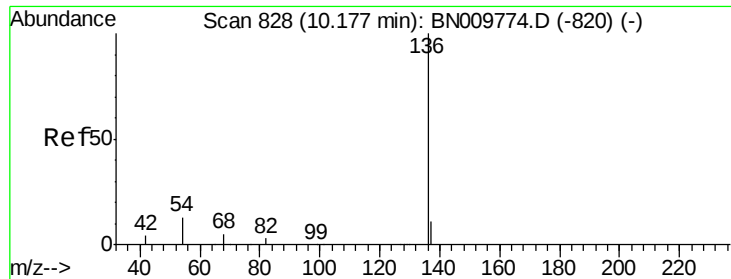
Delta R.T. -0.05 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

Tgt Ion:	99	Resp:	285
Ion Ratio	Lower	Upper	
99	100		
42	59.3	30.8	46.2#
71	43.9	34.9	52.3





#7

Naphthalene-d8

Concen: 0.400 ng m

RT: 10.18 min Scan# 828

Delta R.T. 0.00 min

Lab File: BN010180.D

Acq: 11 Mar 2020 07:32

Instrument :

BNA_N

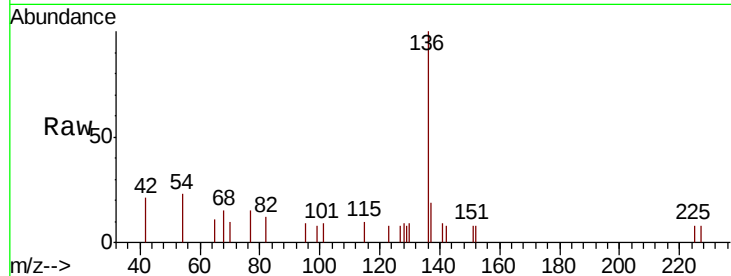
ClientSampleId :

RE134D2-20200305

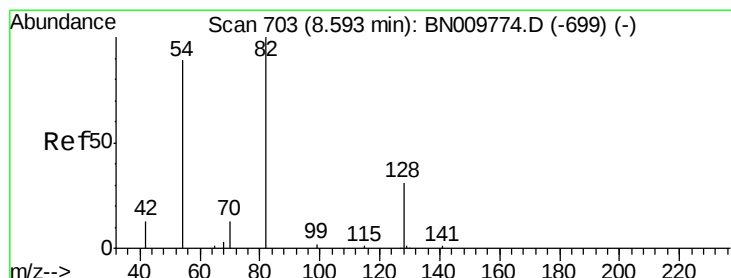
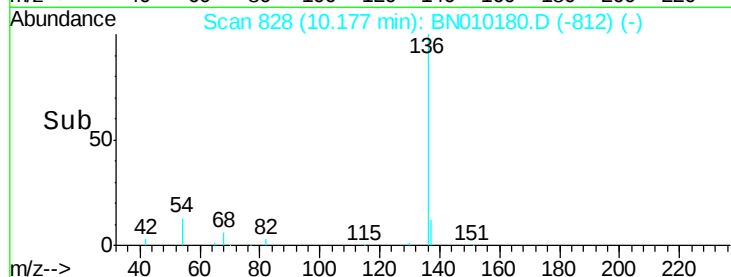
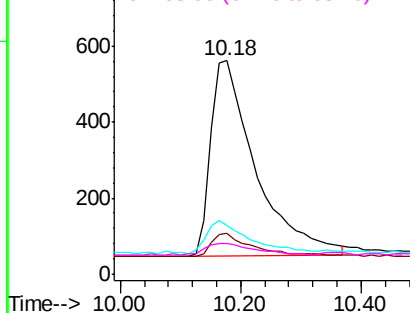
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		2663		
137	19.4	11.3	16.9#		
54	22.6	13.4	20.2#		
68	14.6	7.0	10.4#		

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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: 0.346 ng m

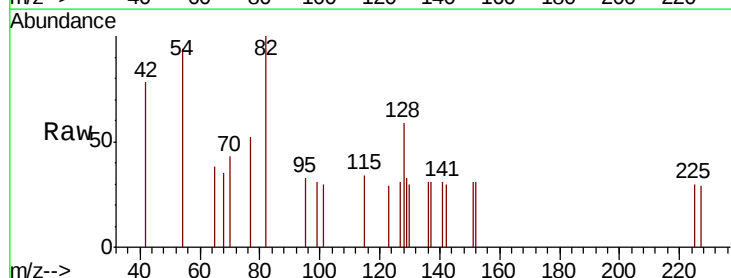
RT: 8.66 min Scan# 708

Delta R.T. 0.06 min

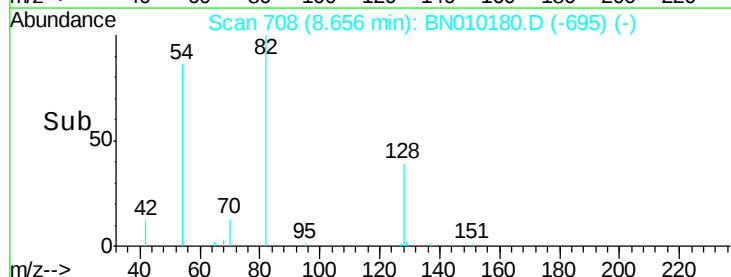
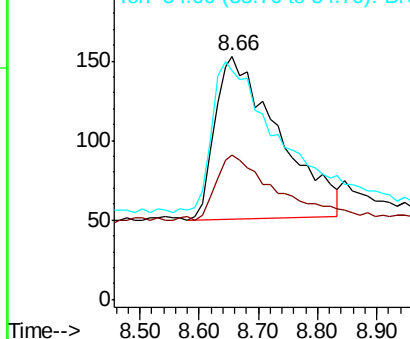
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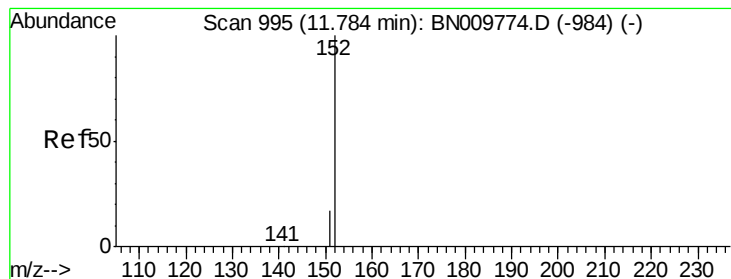
Acq: 11 Mar 2020 07:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		766		
128	59.5	32.5	48.7#		
54	94.1	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





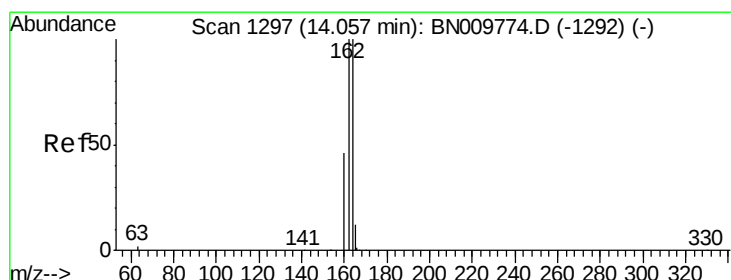
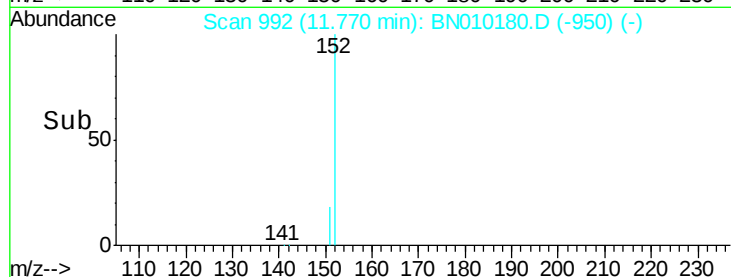
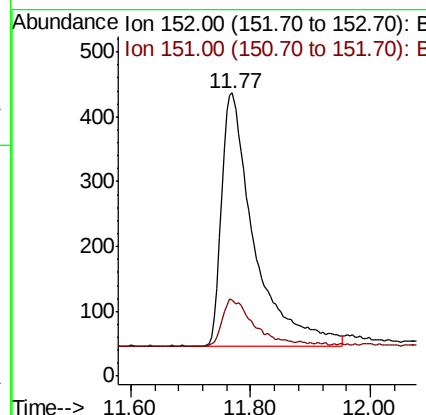
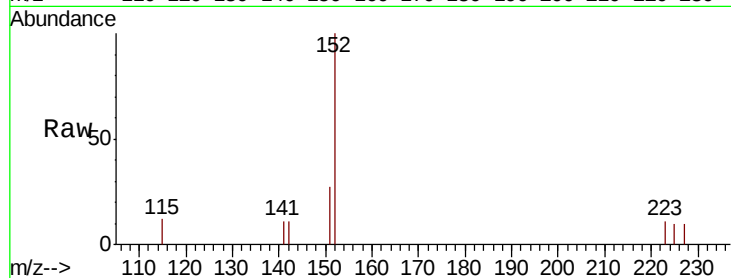
#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 11.77 min Scan# 992
Delta R.T. -0.01 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Instrument :
BNA_N
ClientSampleId :
RE134D2-20200305

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.1	22.7

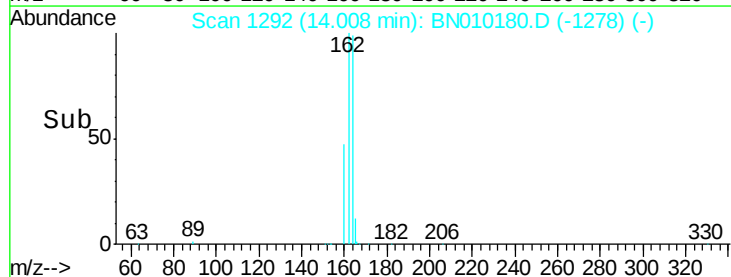
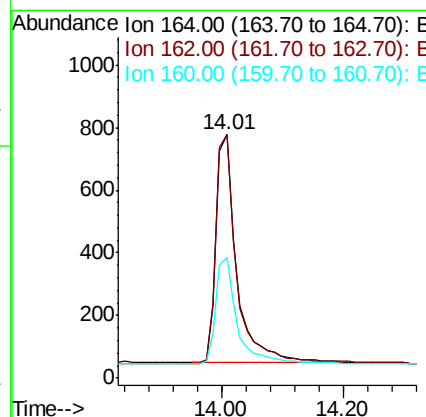
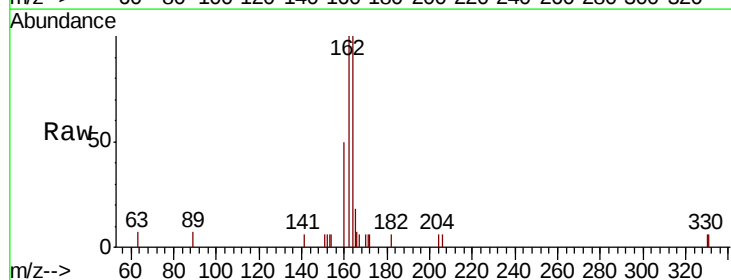
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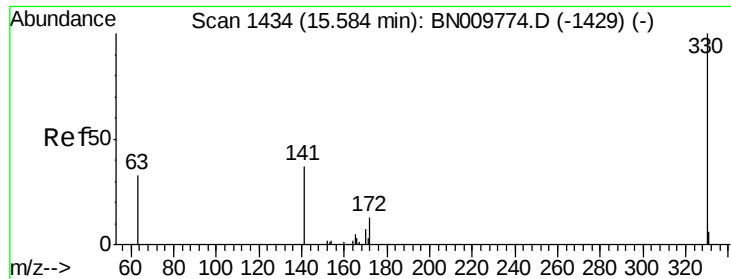
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.9	119.9
160	49.8	38.2	57.2





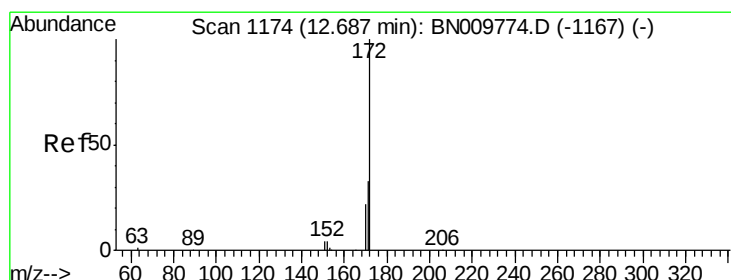
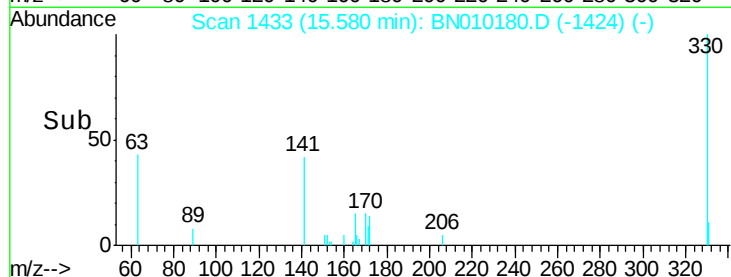
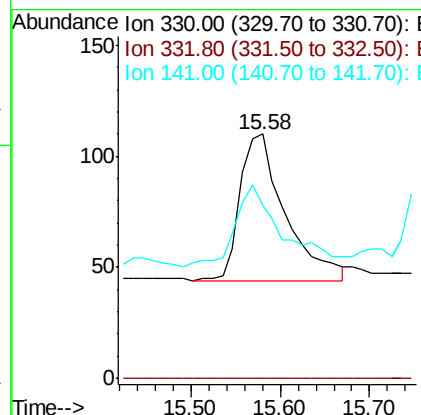
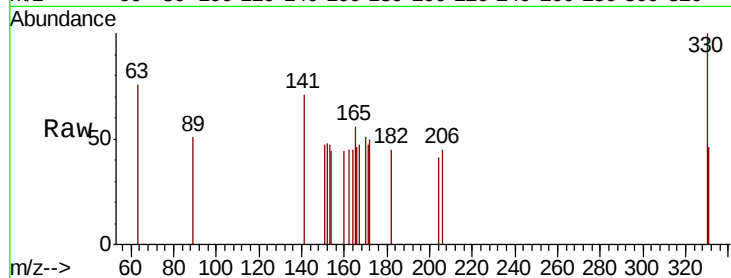
#14
 2,4,6-Tribromophenol
 Concen: 0.353 ng
 RT: 15.58 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BN010180.D
 Acq: 11 Mar 2020 07:32

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20200305

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	59.2	36.8	55.2

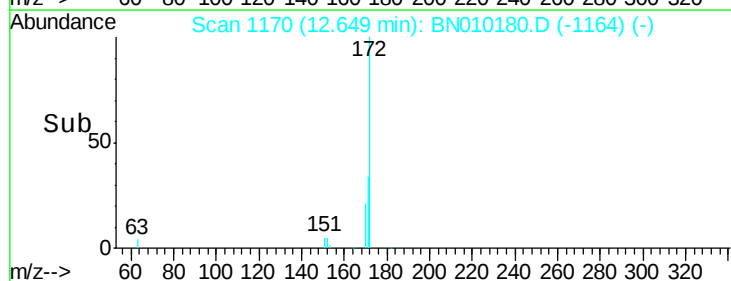
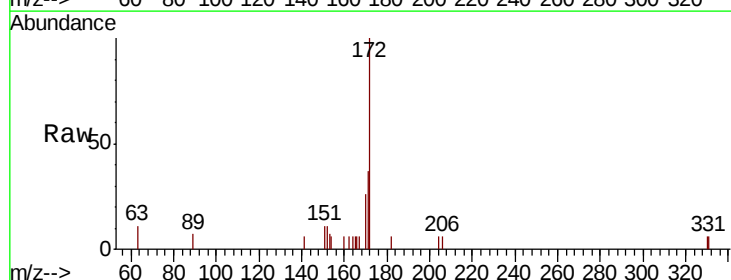
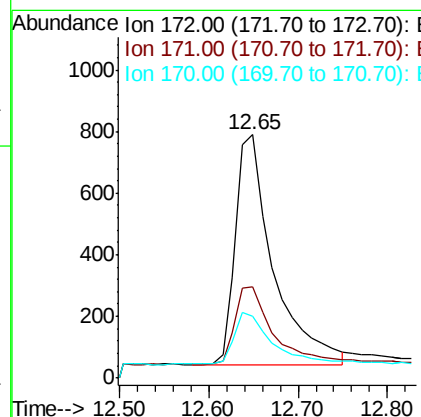
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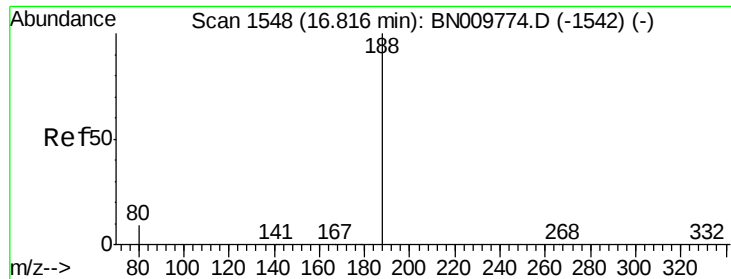
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#15
 2-Fluorobiphenyl
 Concen: 0.339 ng
 RT: 12.65 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010180.D
 Acq: 11 Mar 2020 07:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	25.6	20.1	30.1





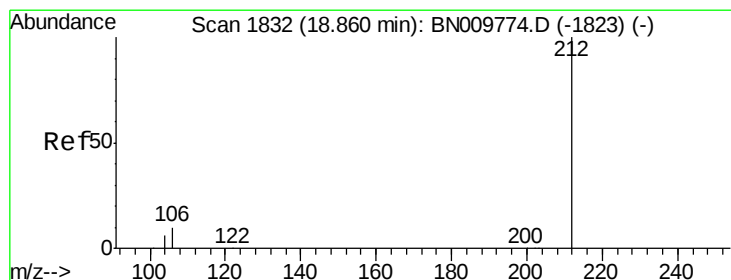
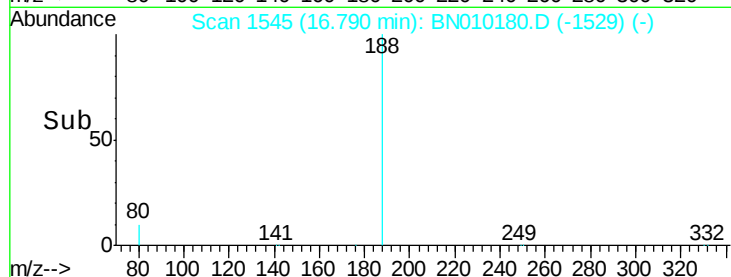
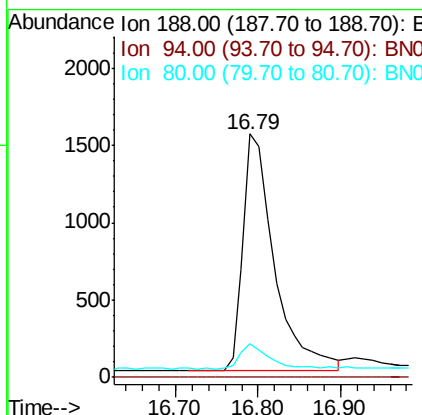
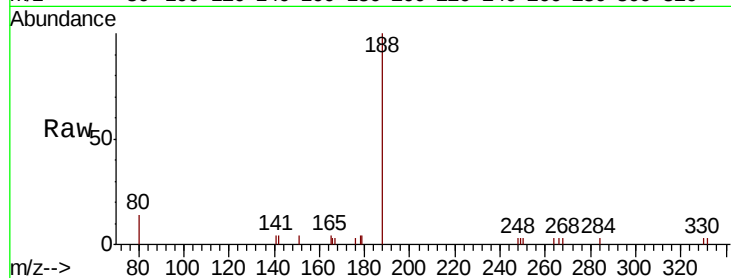
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Instrument :
BNA_N
ClientSampleId :
RE134D2-20200305

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	8.3	12.5

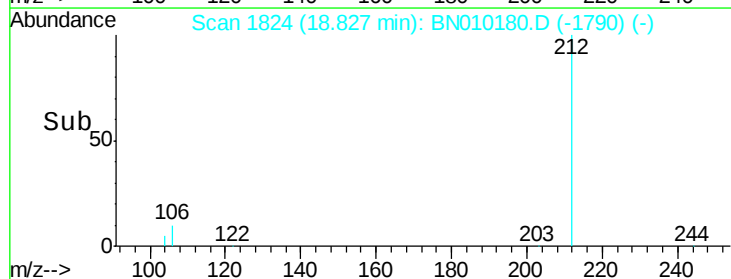
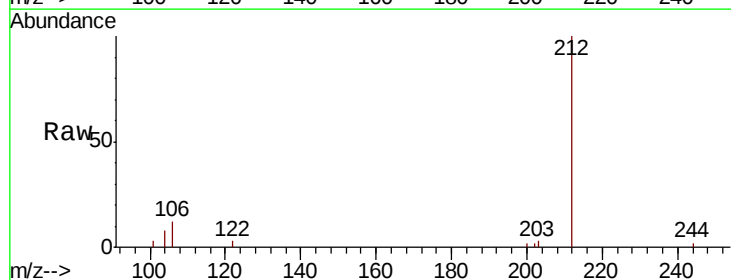
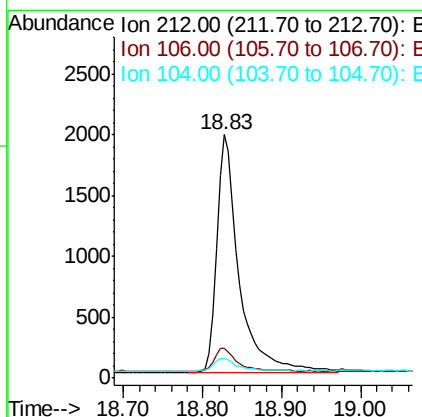
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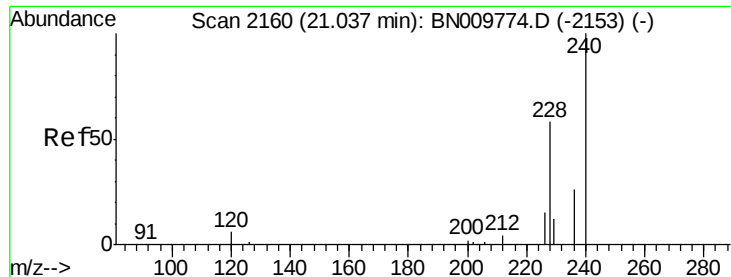
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#25
Fluoranthene-d10
Concen: 0.280 ng
RT: 18.83 min Scan# 1824
Delta R.T. -0.03 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Tgt Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.4	12.6
104	5.8	4.8	7.2





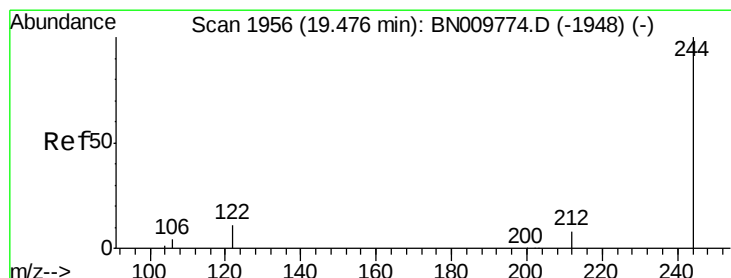
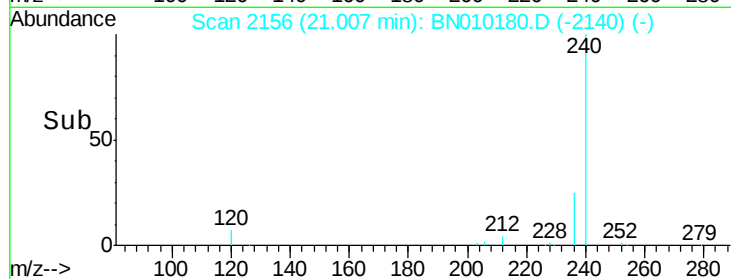
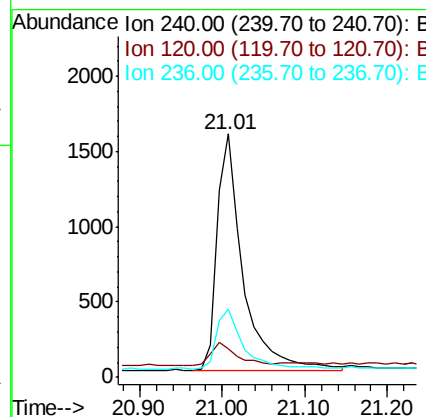
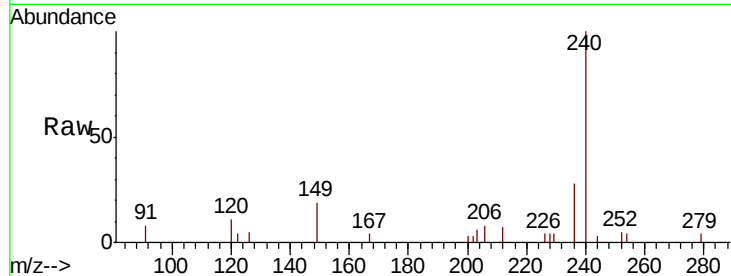
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Instrument :
BNA_N
ClientSampleId :
RE134D2-20200305

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.9	11.9
236	28.1	22.0	33.0

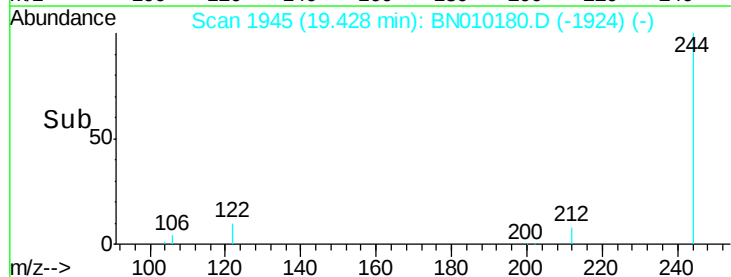
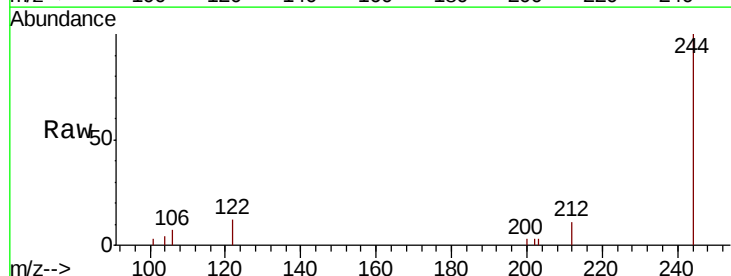
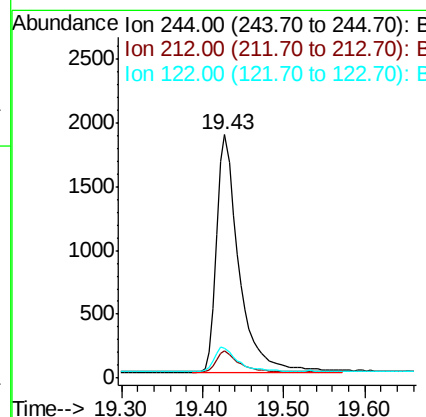
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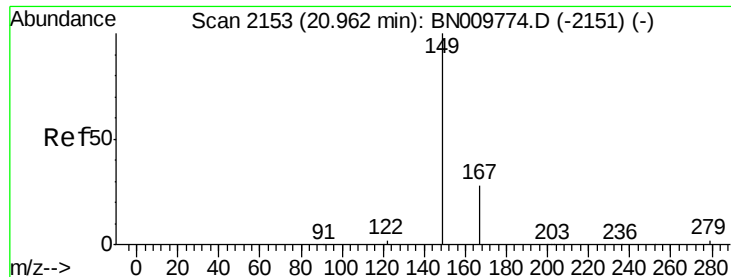
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#29
Terphenyl-d14
Concen: 0.438 ng
RT: 19.43 min Scan# 1945
Delta R.T. -0.05 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.0	12.0
122	12.4	10.0	15.0





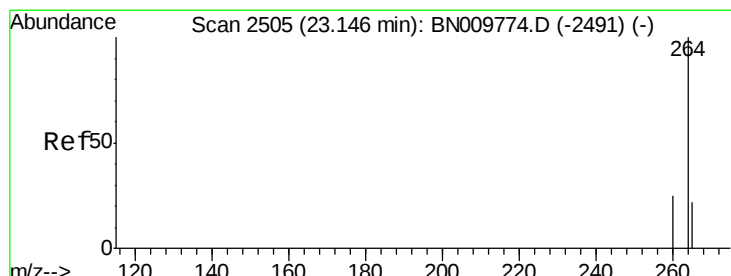
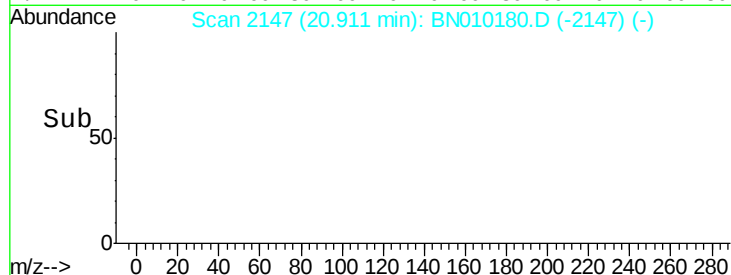
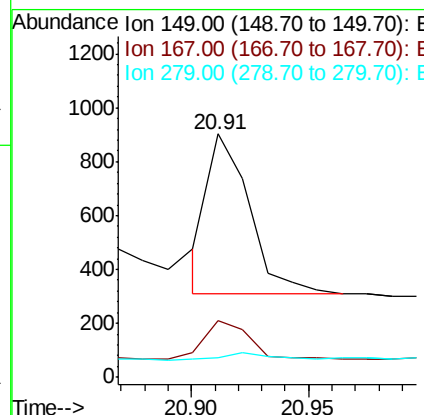
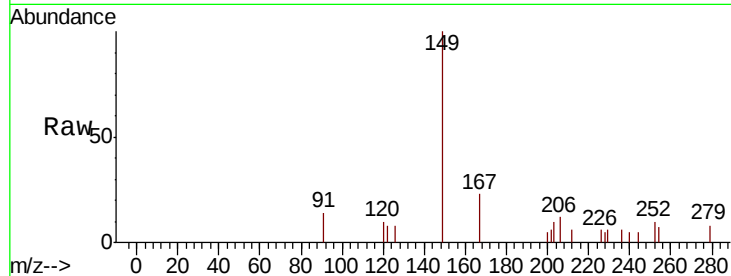
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.134 ng
RT: 20.91 min Scan# 2147
Delta R.T. -0.05 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Instrument :
BNA_N
ClientSampleId :
RE134D2-20200305

Tot Ion	Ratio	Lower	Upper
149	100		
167	23.8	22.7	34.1
279	3.4	3.1	4.7

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:39 PM



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.04 min
Lab File: BN010180.D
Acq: 11 Mar 2020 07:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.1	31.7
265	70.4	57.5	86.3

