

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010194.D
 Acq On : 11 Mar 2020 16:23
 Operator : CG/JU
 Sample : PB127320BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127320BL

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Quant Time: Mar 12 07:29:25 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 Mar 11 17:37:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	784	0.40	ng	0.06
7) Naphthalene-d8	10.22	136	2339m	0.40	ng	0.10
13) Acenaphthene-d10	14.05	164	1442	0.40	ng	0.04
19) Phenanthrene-d10	16.83	188	3161	0.40	ng	0.05
27) Chrysene-d12	21.02	240	2849	0.40	ng	0.02
34) Perylene-d12	23.12	264	2789	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	626	0.36	ng	0.02
5) Phenol-d6	6.77	99	999m	0.47	ng	0.16
8) Nitrobenzene-d5	8.74	82	706m	0.36	ng	0.19
11) 2-Methylnaphthalene-d10	11.82	152	1174m	0.26	ng	0.09
14) 2,4,6-Tribromophenol	15.61	330	160	0.29	ng	0.07
15) 2-Fluorobiphenyl	12.70	172	1796m	0.33	ng	0.07
25) Fluoranthene-d10	18.84	212	2970	0.27	ng	0.03
29) Terphenyl-d14	19.45	244	2565	0.38	ng	0.02

Target Compounds Qvalue

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

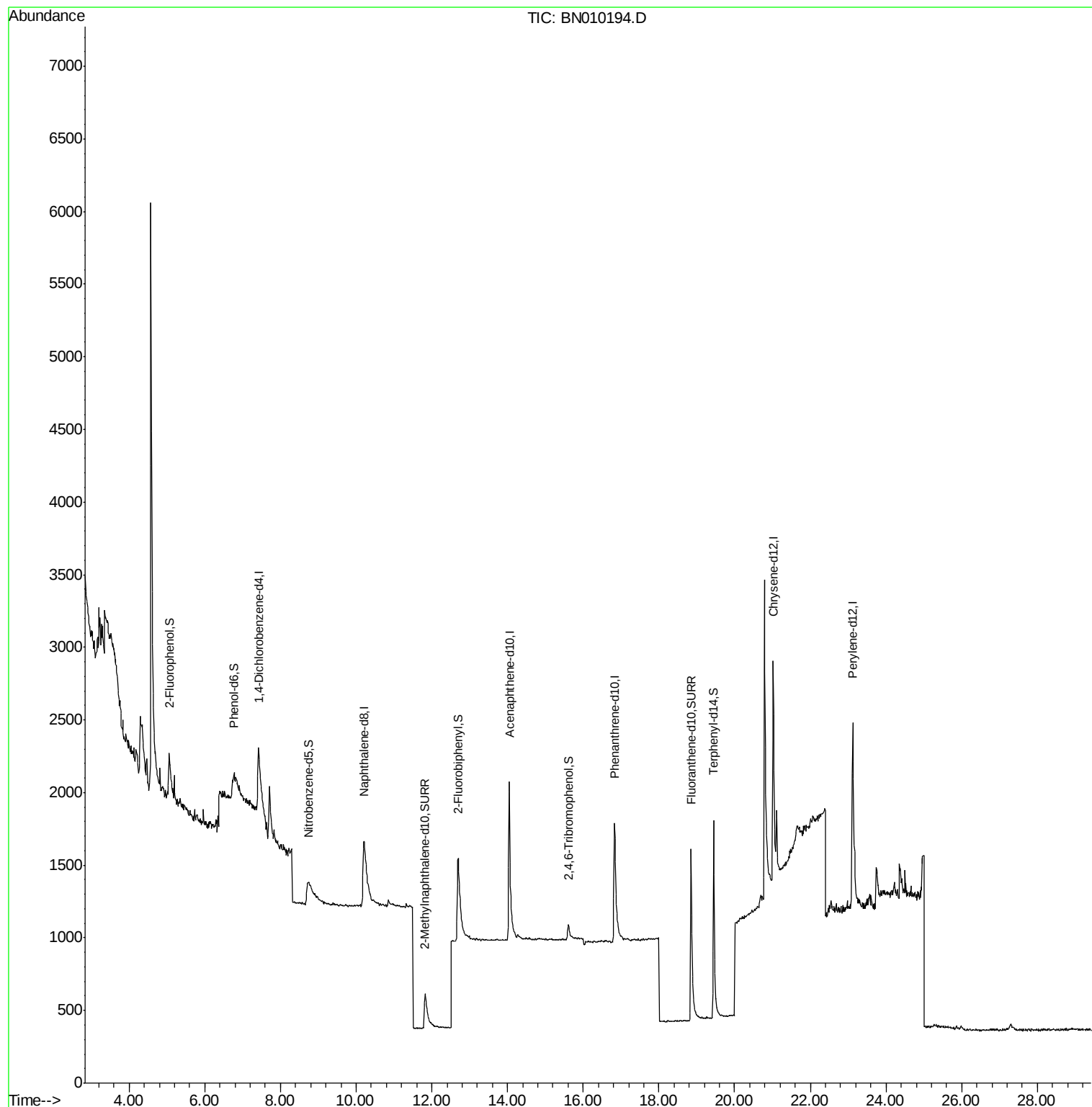
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010194.D
Acq On : 11 Mar 2020 16:23
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QLast Update : Wed Mar 11 17:37:44 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.42 min Scan# 570

Delta R.T. 0.06 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Instrument :

BNA_N

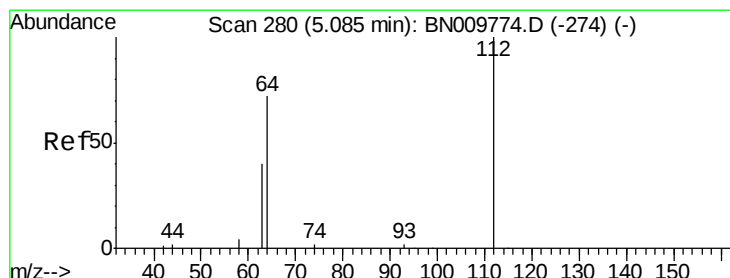
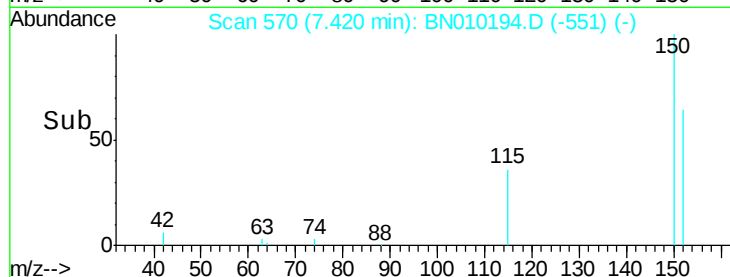
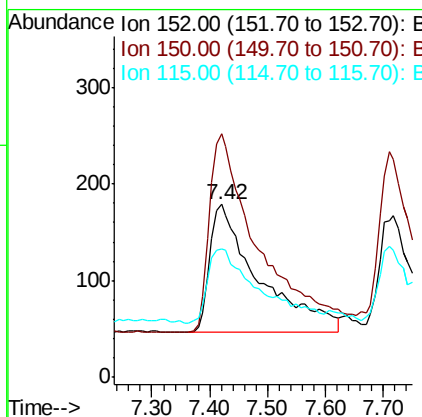
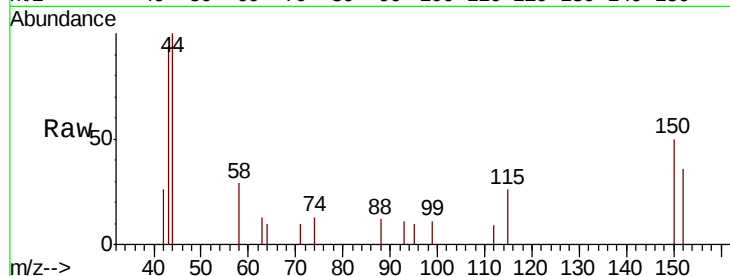
ClientSampleId :

PB127320BL

Tot Ion:	152	Resp:	784
Ion	Ratio	Lower	Upper
152	100		
150	140.8	120.6	181.0
115	74.3	51.2	76.8

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#4

2-Fluorophenol

Concen: 0.359 ng

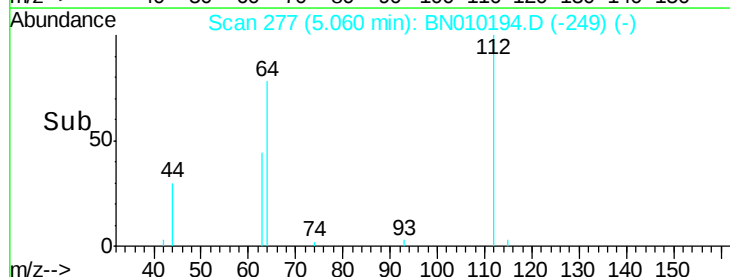
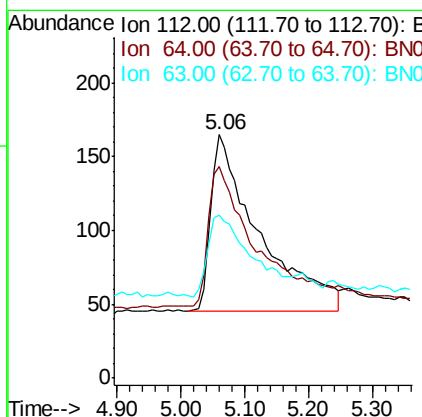
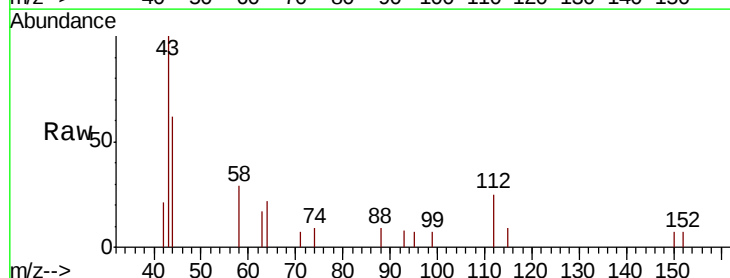
RT: 5.06 min Scan# 277

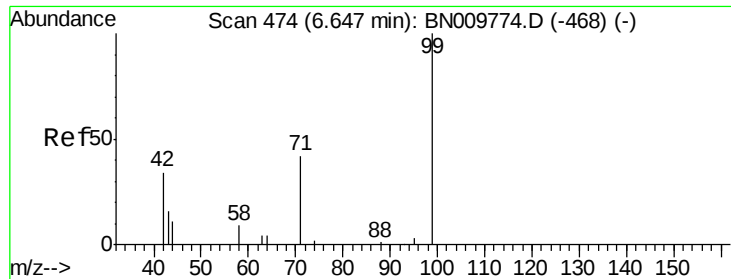
Delta R.T. 0.02 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Tgt Ion:	112	Resp:	626
Ion	Ratio	Lower	Upper
112	100		
64	78.1	65.8	98.6
63	41.5	38.7	58.1





#5

Phenol-d6

Concen: 0.471 ng m

RT: 6.77 min Scan# 489

Delta R.T. 0.16 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Instrument :

BNA_N

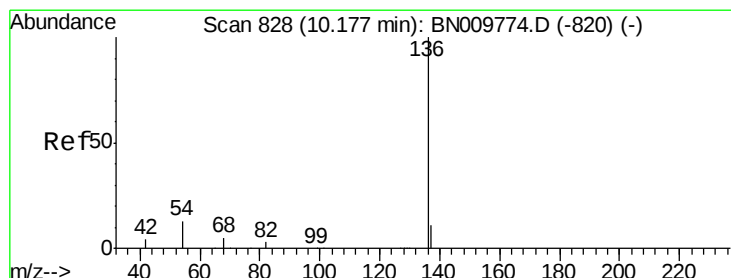
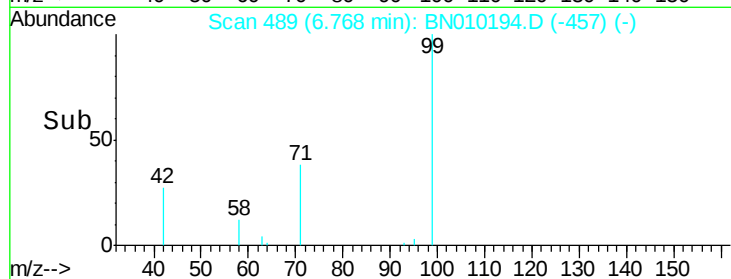
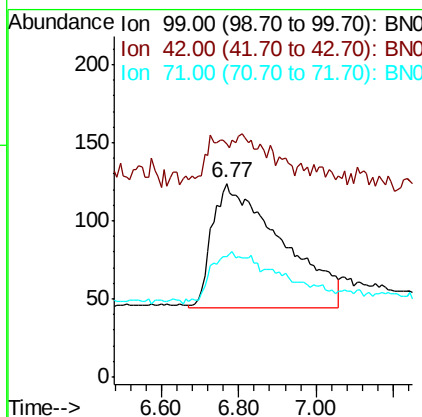
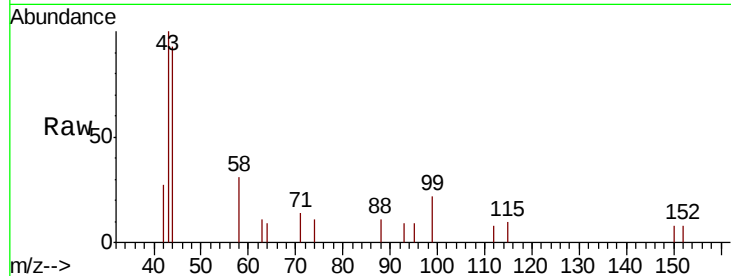
ClientSampleId :

PB127320BL

Tot Ion:	99	Resp:	999
Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	17.4	34.9	52.3#

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#7

Naphthalene-d8

Concen: 0.400 ng m

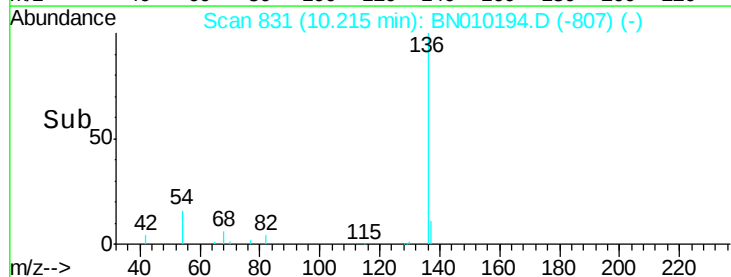
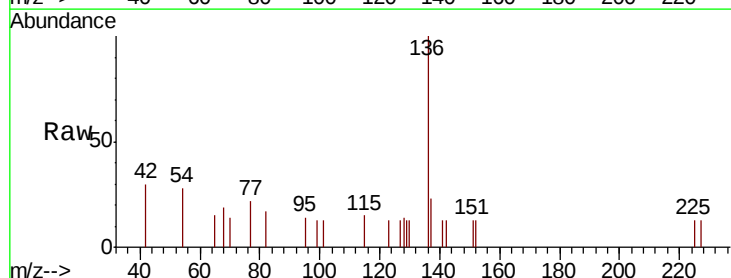
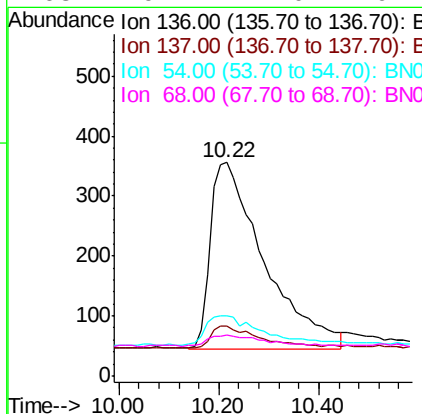
RT: 10.22 min Scan# 831

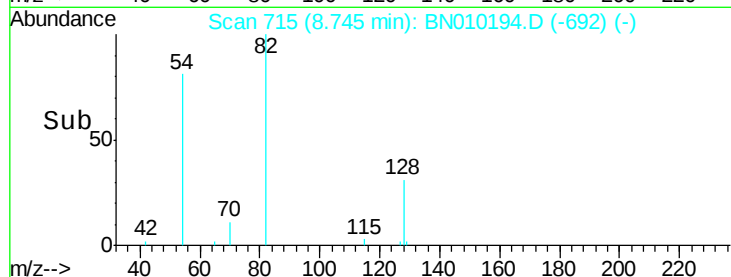
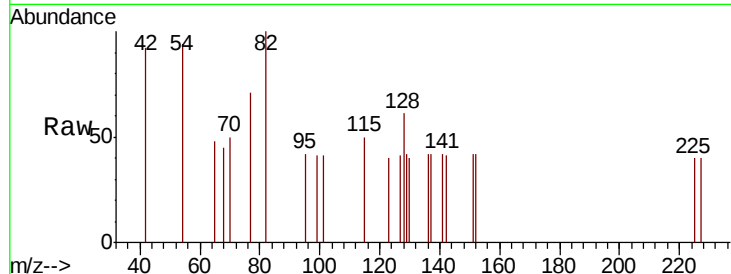
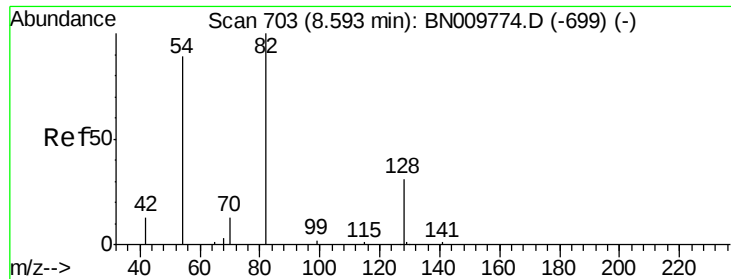
Delta R.T. 0.10 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Tgt Ion:	136	Resp:	2339
Ion	Ratio	Lower	Upper
136	100		
137	23.0	11.3	16.9#
54	28.1	13.4	20.2#
68	19.4	7.0	10.4#





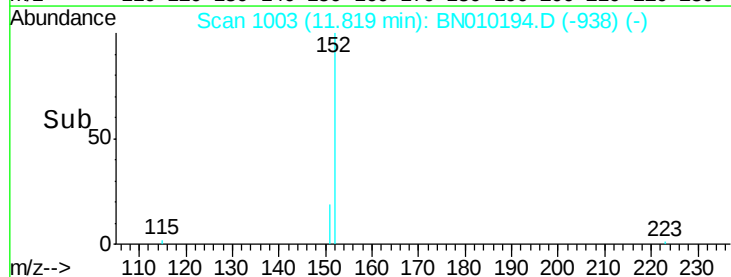
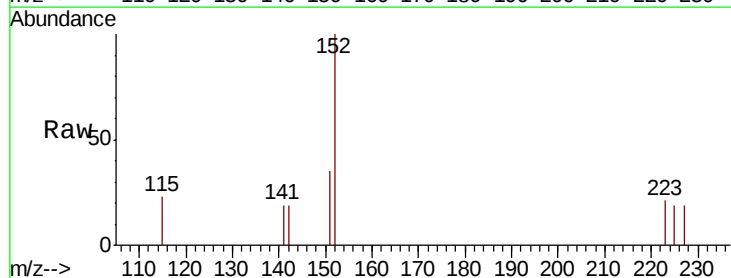
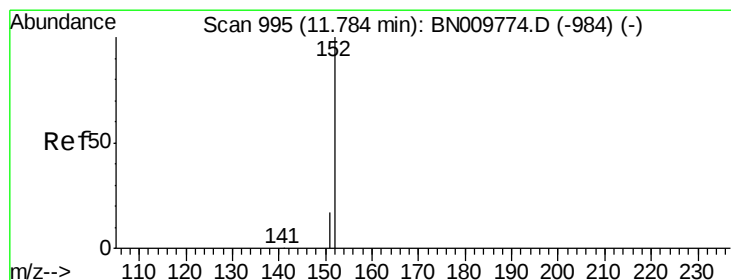
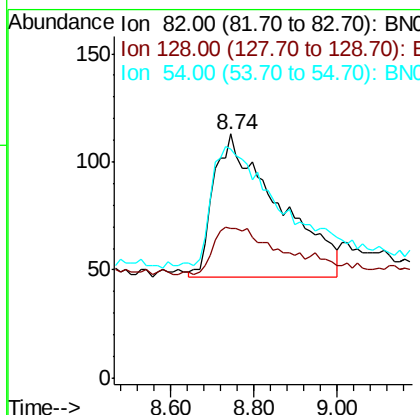
#8
Nitrobenzene-d5
Concen: 0.363 ng m
RT: 8.74 min Scan# 715
Delta R.T. 0.19 min
Lab File: BN010194.D
Acq: 11 Mar 2020 16:23

Tot Ion	82	Resp	706
Ion Ratio	100	Lower	Upper
82	100		
128	61.1	32.5	48.7#
54	93.8	73.5	110.3

Instrument :
BNA_N
ClientSampleId :
PB127320BL

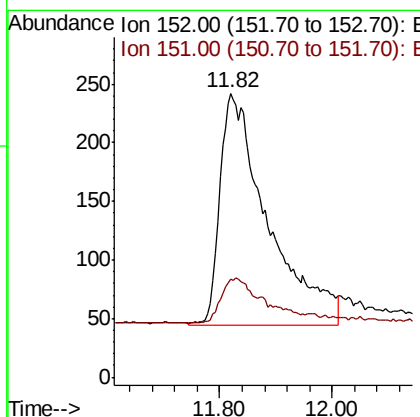
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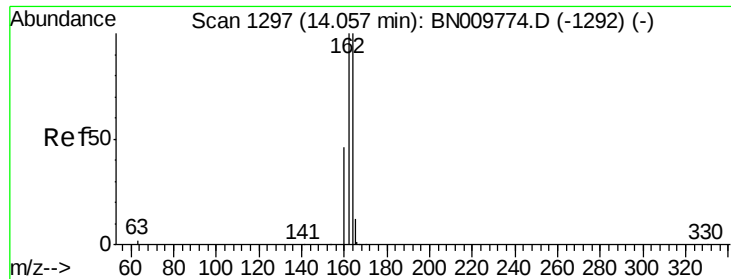
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#11
2-Methylnaphthalene-d10
Concen: 0.259 ng m
RT: 11.82 min Scan# 1003
Delta R.T. 0.09 min
Lab File: BN010194.D
Acq: 11 Mar 2020 16:23

Tgt Ion	152	Resp	1174
Ion Ratio	100	Lower	Upper
152	100		
151	11.5	15.1	22.7#





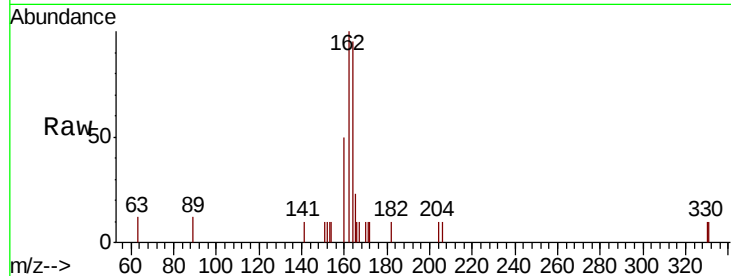
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.04 min
Lab File: BN010194.D
Acq: 11 Mar 2020 16:23

Instrument :
BNA_N
ClientSampleId :
PB127320BL

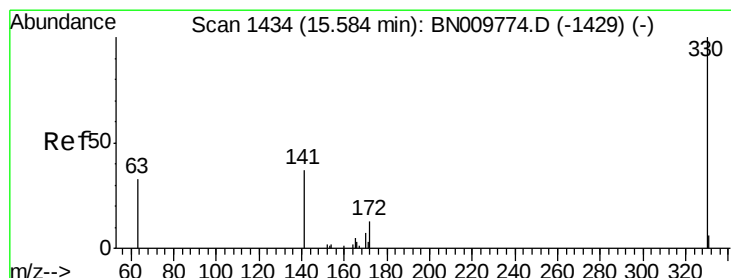
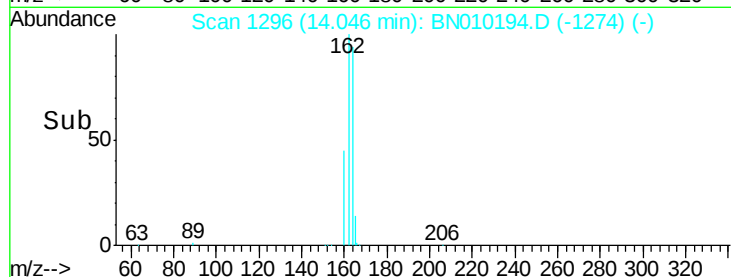
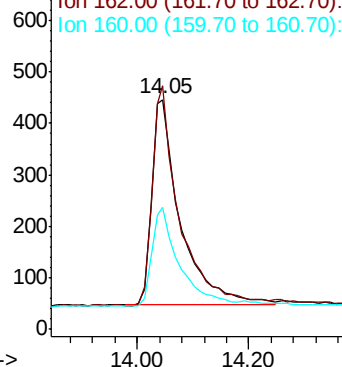
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	79.9	119.9
160	53.2	38.2	57.2

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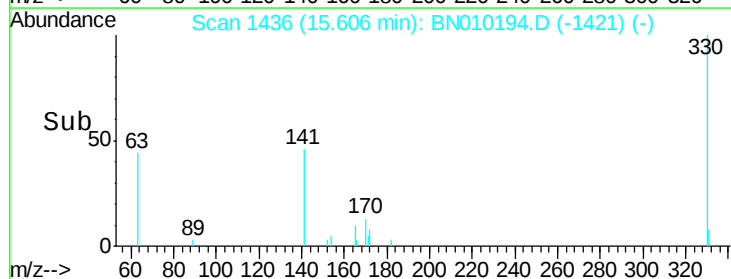
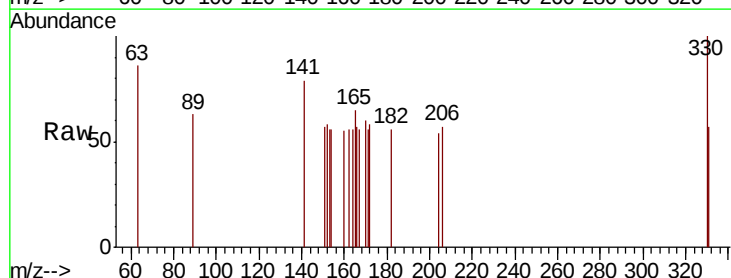
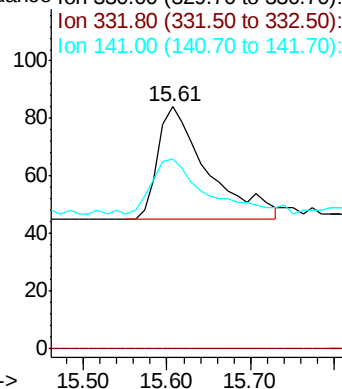
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

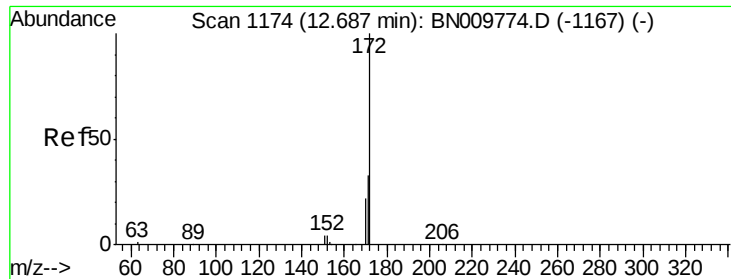


#14
2,4,6-Tribromophenol
Concen: 0.288 ng
RT: 15.61 min Scan# 1436
Delta R.T. 0.07 min
Lab File: BN010194.D
Acq: 11 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.2	36.8	55.2

Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





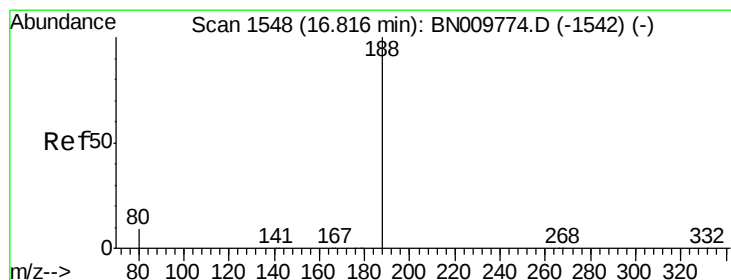
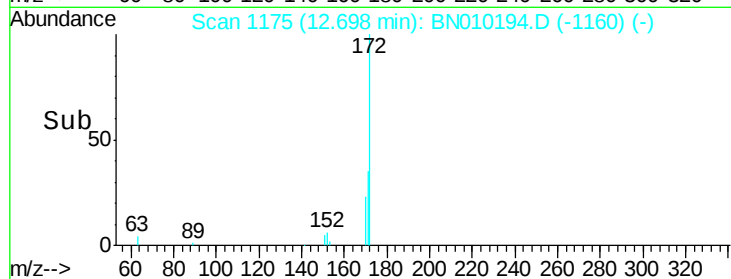
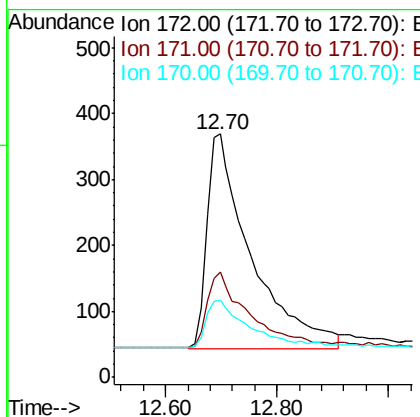
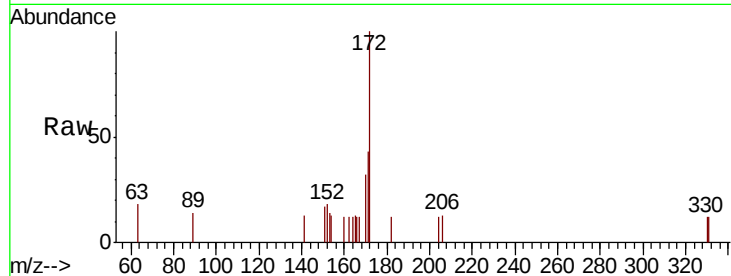
#15
2-Fluorobiphenyl
Concen: 0.330 ng/mL
RT: 12.70 min Scan# 1175
Delta R.T. 0.07 min
Lab File: BN010194.D
Acq: 11 Mar 2020 16:23

Instrument :
BNA_N
ClientSampleID :
PB127320BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.4	28.7	43.1#
170	32.0	20.1	30.1#

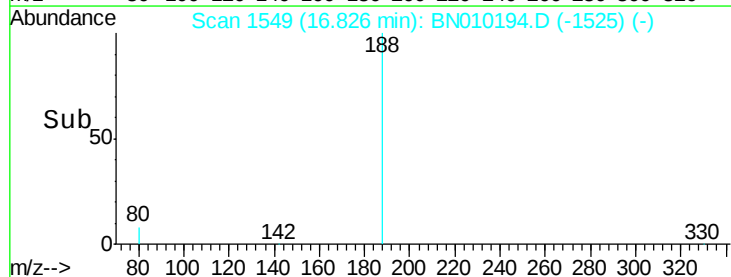
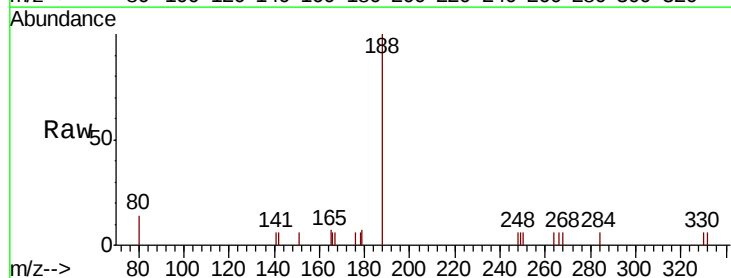
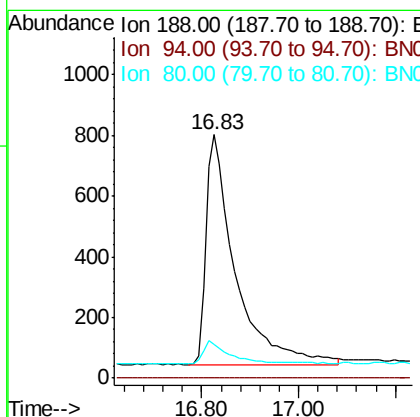
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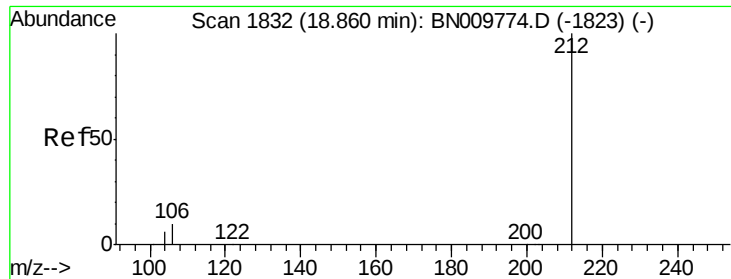
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#19
Phenanthrene-d10
Concen: 0.400 ng/mL
RT: 16.83 min Scan# 1549
Delta R.T. 0.05 min
Lab File: BN010194.D
Acq: 11 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	8.3	12.5#





#25

Fluoranthene-d10

Concen: 0.272 ng

RT: 18.84 min Scan# 1829

Delta R.T. 0.03 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Instrument :

BNA_N

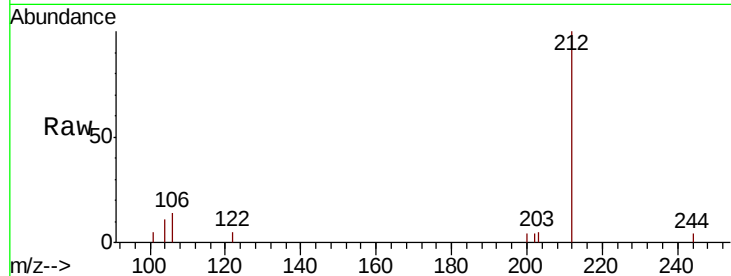
ClientSampled :

PB127320BL

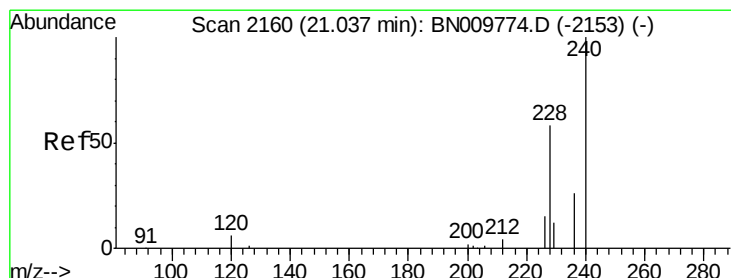
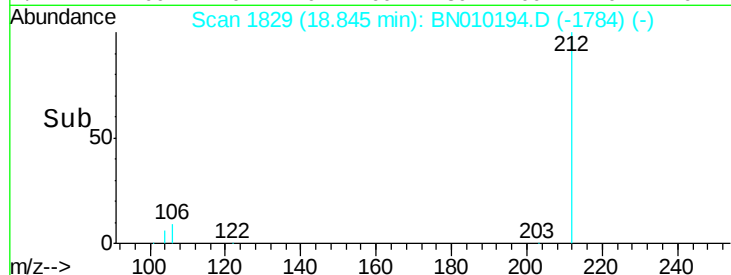
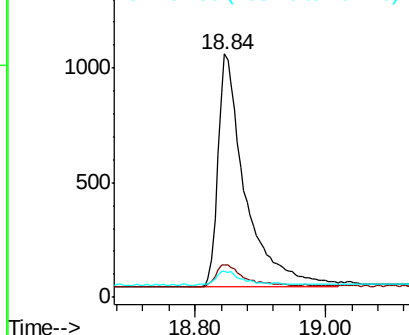
Tot Ion:	212	Resp:	2970
Ion Ratio	Lower	Upper	
212	100		
106	9.7	8.4	12.6
104	5.6	4.8	7.2

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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: 21.02 min Scan# 2158

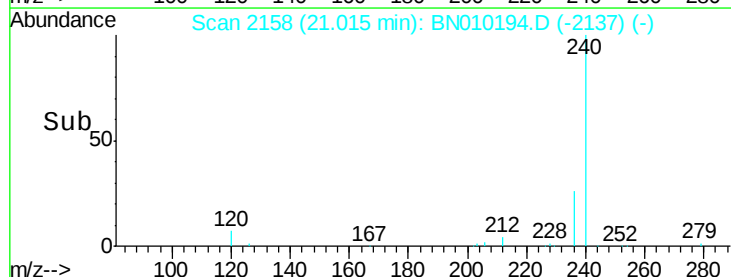
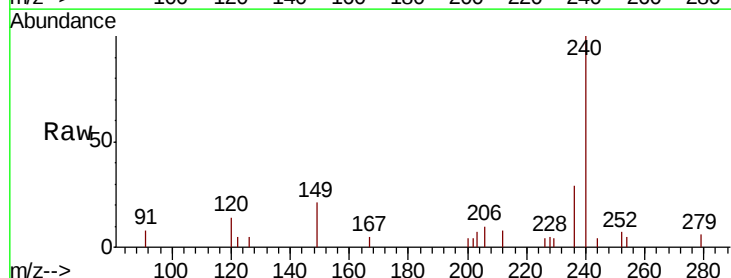
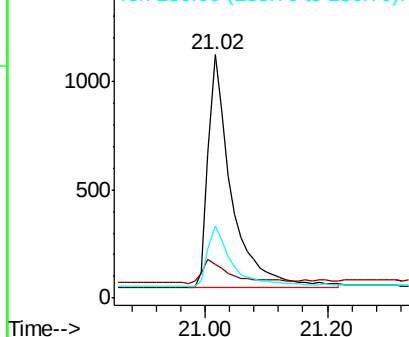
Delta R.T. 0.02 min

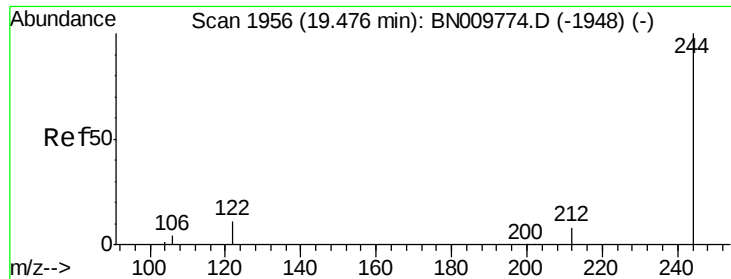
Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Tgt Ion:	240	Resp:	2849
Ion Ratio	Lower	Upper	
240	100		
120	13.9	7.9	11.9#
236	29.4	22.0	33.0

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: 0.377 ng

RT: 19.45 min Scan# 1950

Delta R.T. 0.02 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Instrument :

BNA_N

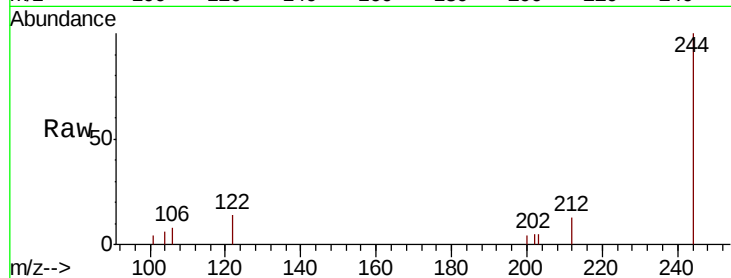
ClientSampleId :

PB127320BL

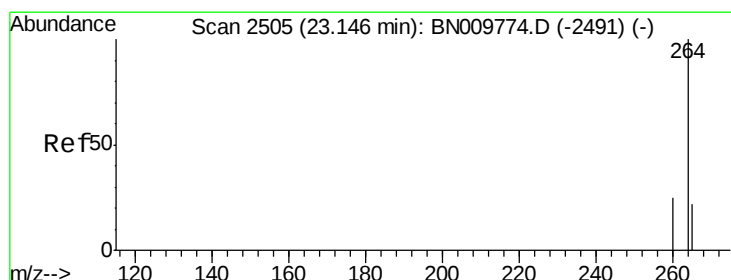
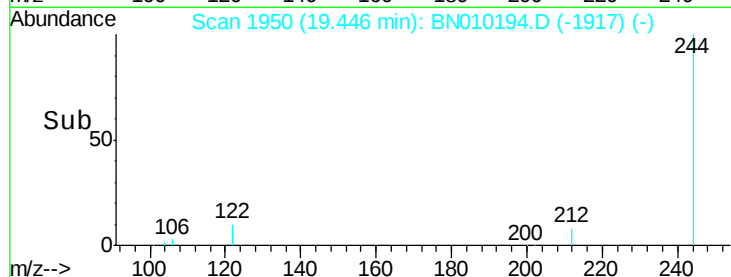
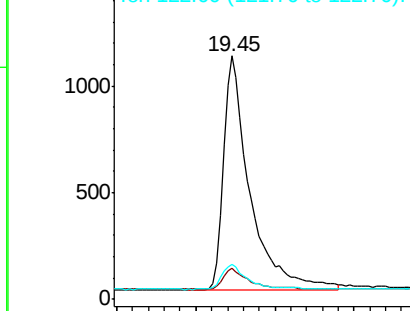
Tot Ion:	244	Resp:	2565
Ion Ratio	Lower	Upper	
244	100		
212	12.8	8.0	12.0#
122	14.4	10.0	15.0

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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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2497

Delta R.T. 0.02 min

Lab File: BN010194.D

Acq: 11 Mar 2020 16:23

Tgt Ion:	264	Resp:	2789
Ion Ratio	Lower	Upper	
264	100		
260	27.5	21.1	31.7
265	88.2	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

