Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010167.D
Acq On : 10 Mar 2020 19:28
Operator : CG/JU
Sample : L1842-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP01-20200304

Manual Integrations APPROVED
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Quant Time: Mar 11 11:56:48 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	722	0.40	ng	-0.05
7) Naphthalene-d8	10.14	136	2446	0.40	ng	-0.04
13) Acenaphthene-d10	14.01	164	1545	0.40	ng	-0.05
19) Phenanthrene-d10	16.79	188	3115	0.40	ng	-0.03
27) Chrysene-d12	21.00	240	3459	0.40	ng	-0.04
34) Perylene-d12	23.09	264	3780	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	348	0.22	ng	-0.04
5) Phenol-d6	6.63	99	223	0.11	ng	-0.02
8) Nitrobenzene-d5	8.59	82	795	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	1631	0.34	ng	-0.04
14) 2,4,6-Tribromophenol	15.56	330	304	0.51	ng	-0.03
15) 2-Fluorobiphenyl	12.64	172	2570	0.44	ng	-0.05
25) Fluoranthene-d10	18.82	212	4000	0.37	ng	-0.04
29) Terphenyl-d14	19.42	244	4360	0.53	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	3193m	4.318	ng	
6) bis(2-Chloroethyl)ether	6.86	93	160	0.084	ng	# 82

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

Quantitation Report (QT Reviewed)

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Acq On : 10 Mar 2020 19:28
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Misc :
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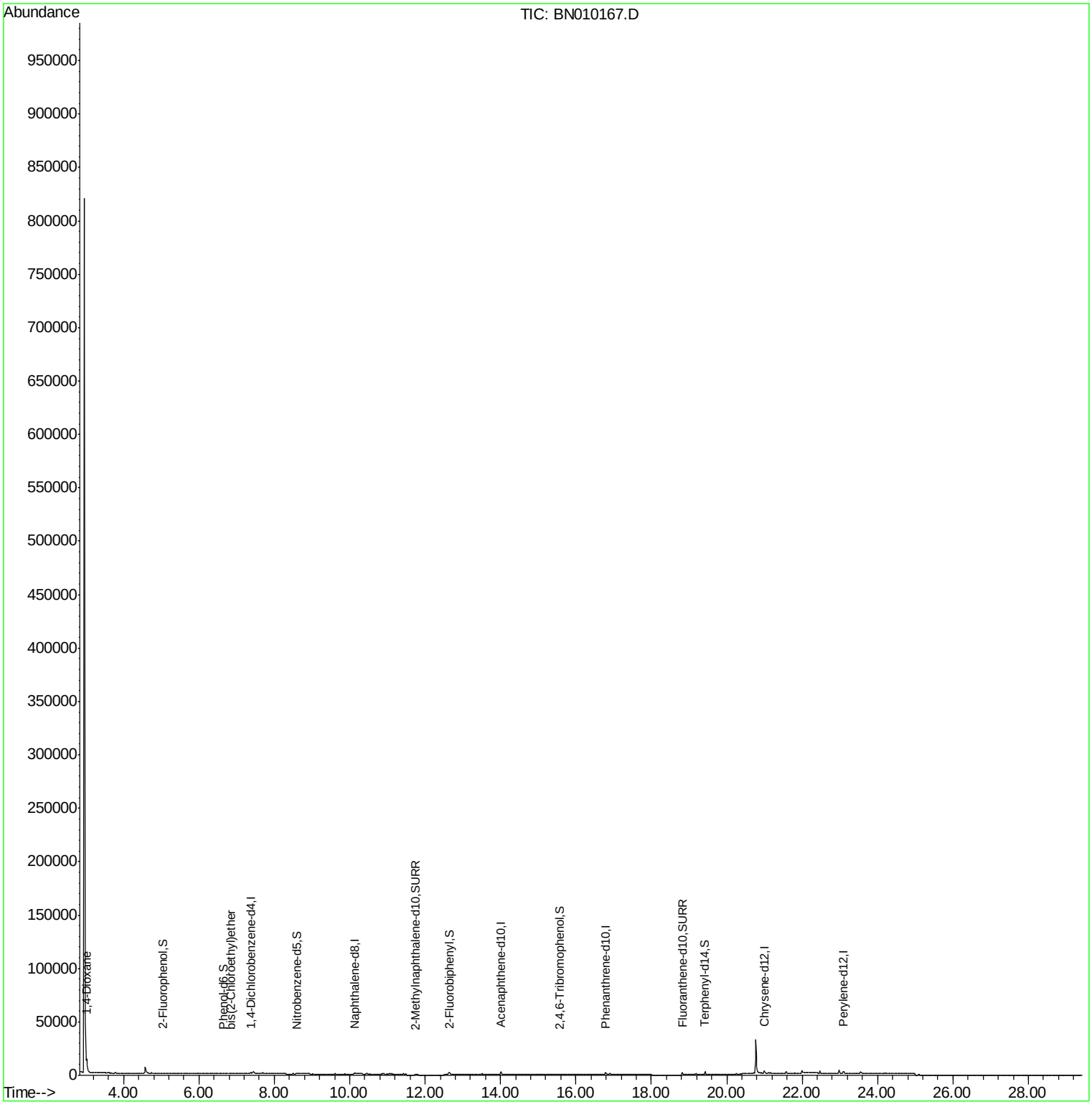
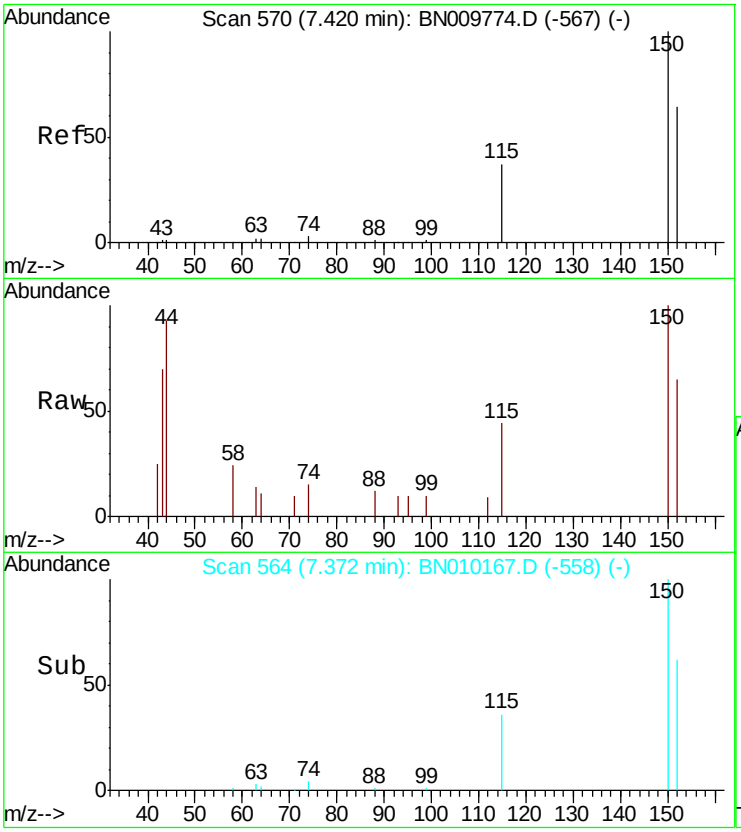
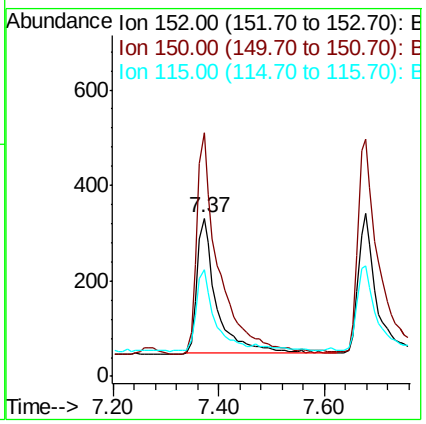




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:152 Resp: 722

Ion	Ratio	Lower	Upper
152	100		
150	153.6	120.6	181.0
115	67.2	51.2	76.8



Instrument :
BNA_N
ClientSampleId :
DUP01-20200304

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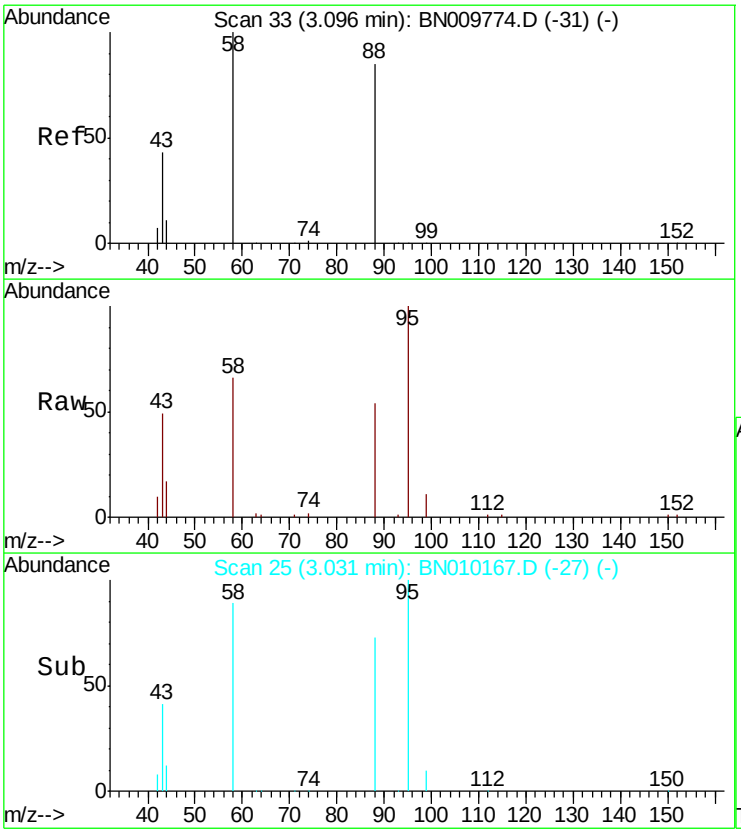
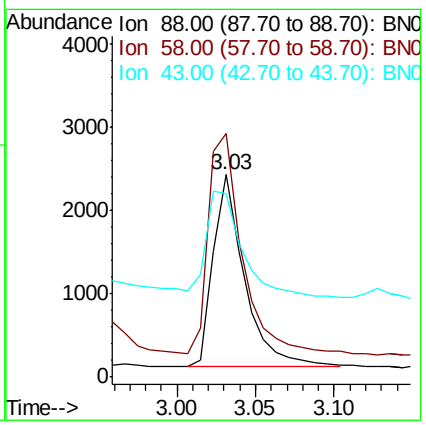
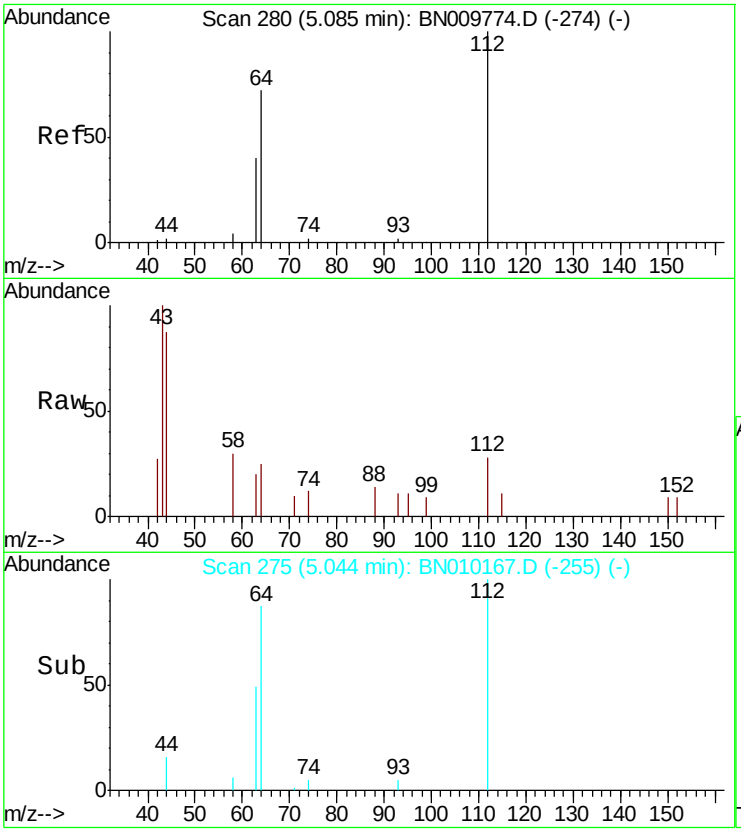


#2
1,4-Dioxane
Concen: 4.318 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion: 88 Resp: 3193

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

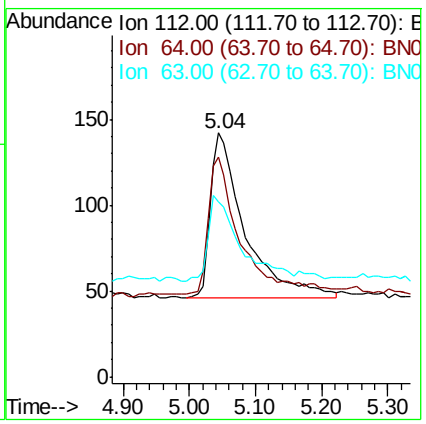




#4
2-Fluorophenol
Concen: 0.217 ng
RT: 5.04 min Scan# 275
Delta R.T. -0.04 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:112 Resp: 348

Ion	Ratio	Lower	Upper
112	100		
64	78.4	65.8	98.6
63	47.4	38.7	58.1



Instrument :
BNA_N
ClientSampleId :
DUP01-20200304

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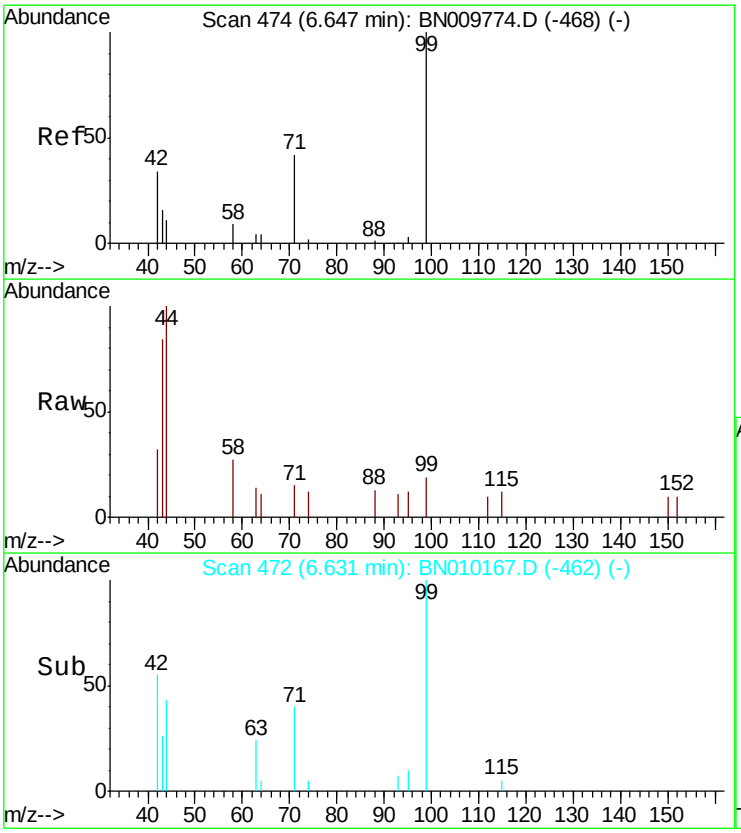
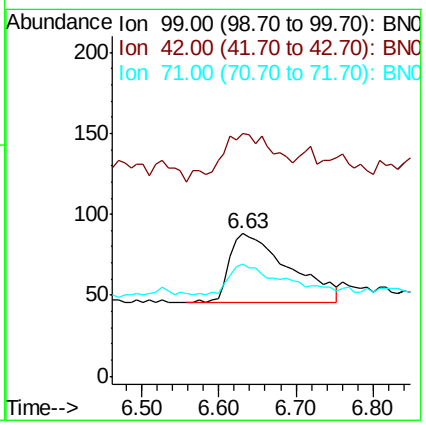
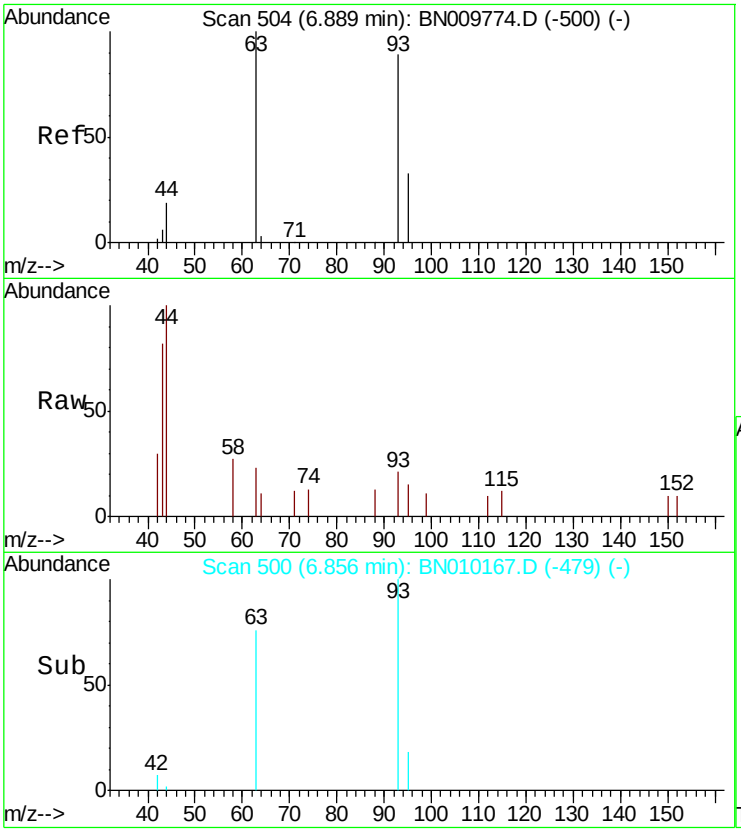


#5
Phenol-d6
Concen: 0.114 ng
RT: 6.63 min Scan# 472
Delta R.T. -0.02 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion: 99 Resp: 223

Ion	Ratio	Lower	Upper
99	100		
42	65.9	30.8	46.2#
71	42.6	34.9	52.3

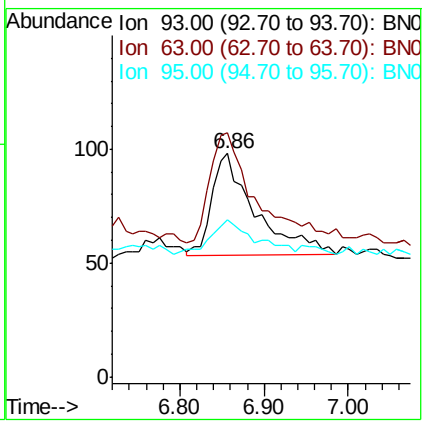




#6
bis(2-Chloroethyl)ether
Concen: 0.084 ng
RT: 6.86 min Scan# 500
Delta R.T. -0.03 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion: 93 Resp: 160

Ion	Ratio	Lower	Upper
93	100		
63	116.3	74.0	111.0#
95	33.8	26.7	40.1



Instrument :
BNA_N
ClientSampleId :
DUP01-20200304

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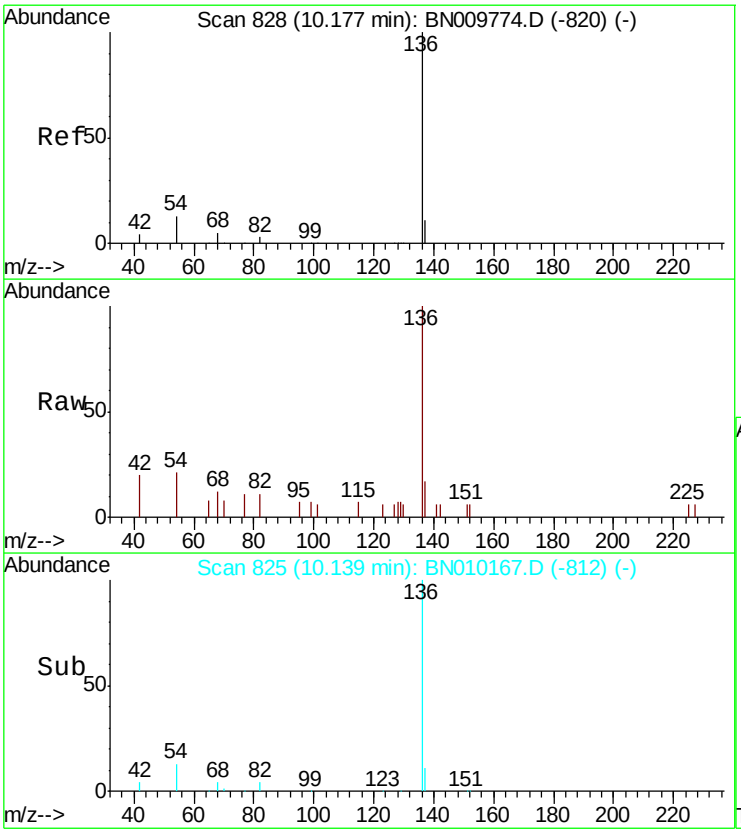
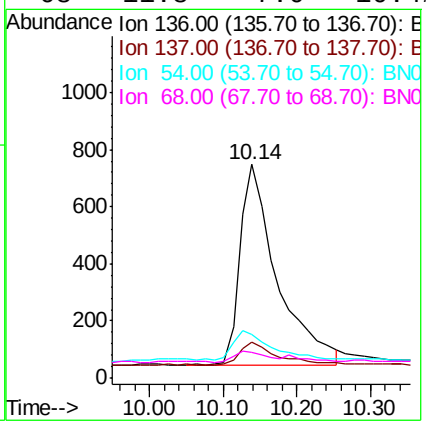
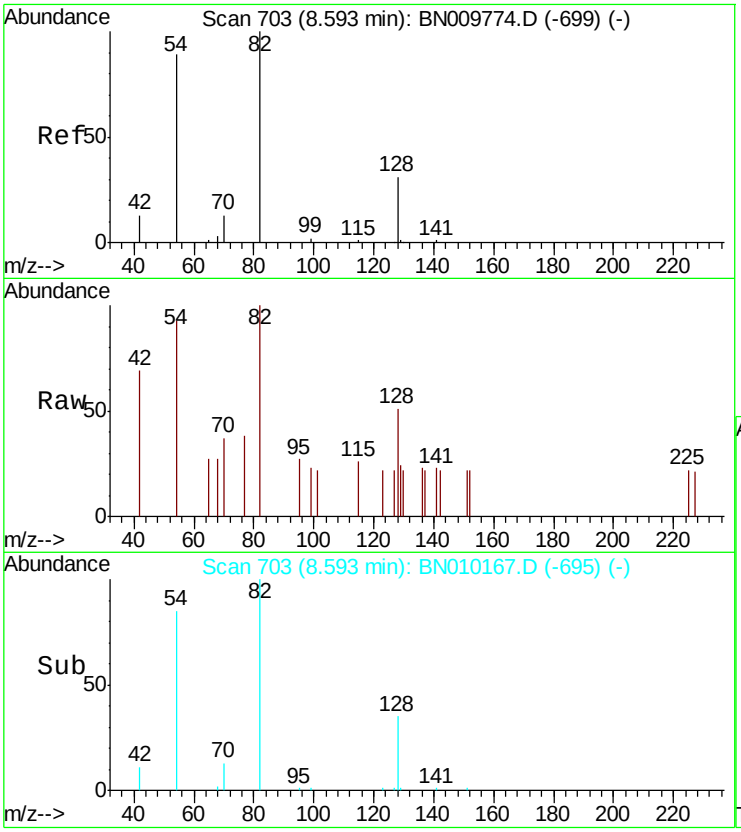


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.04 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:136 Resp: 2446

Ion	Ratio	Lower	Upper
136	100		
137	17.0	11.3	16.9#
54	20.6	13.4	20.2#
68	11.8	7.0	10.4#

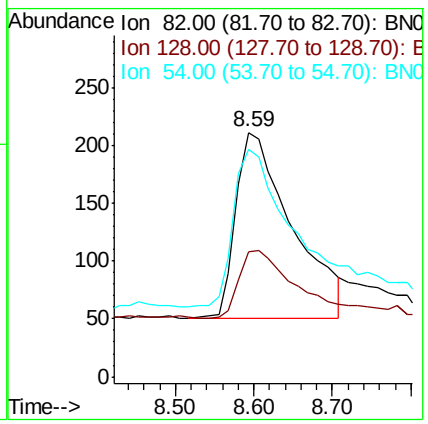




#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.59 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion: 82 Resp: 795

Ion	Ratio	Lower	Upper
82	100		
128	51.2	32.5	48.7#
54	93.4	73.5	110.3



Instrument :
BNA_N
ClientSampleId :
DUP01-20200304

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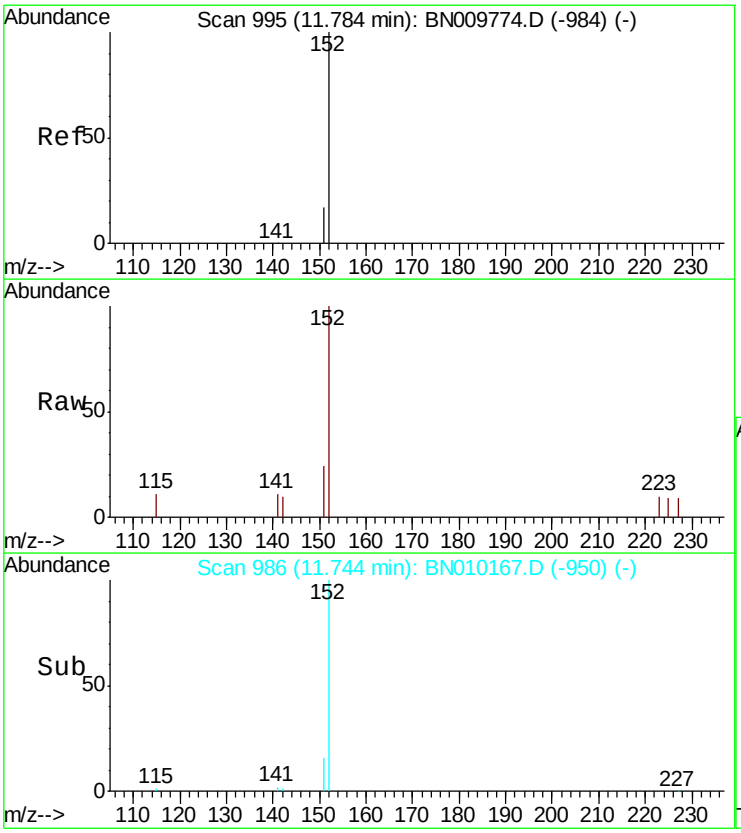
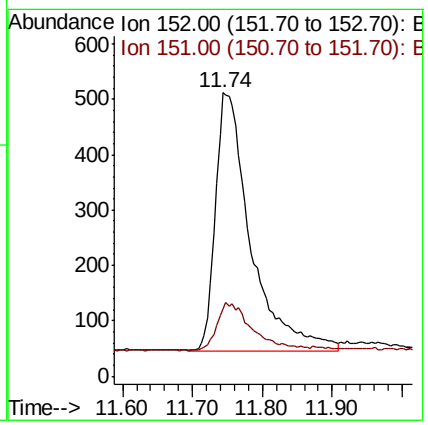
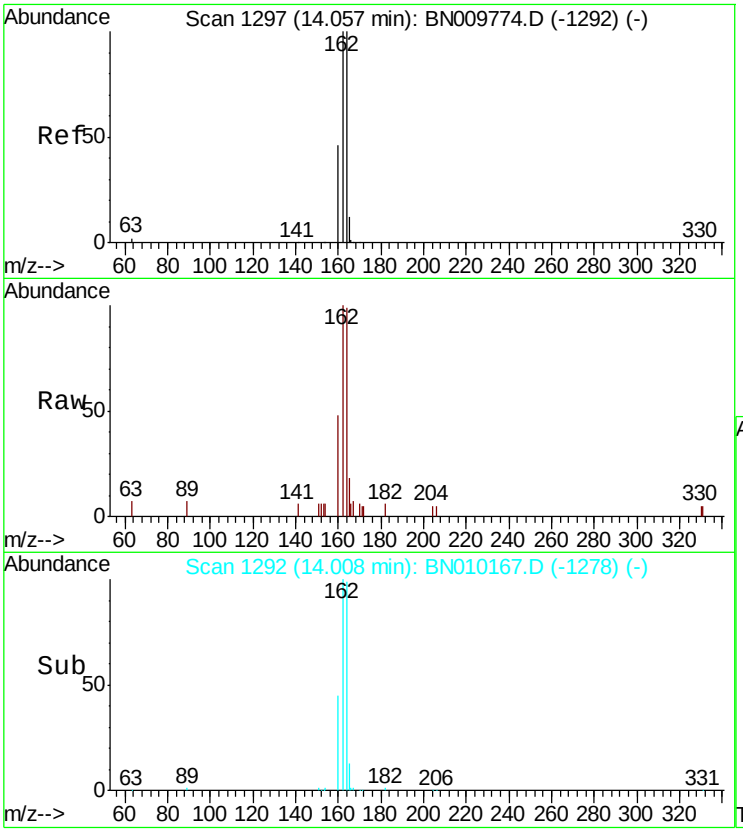


#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.04 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:152 Resp: 1631

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.1	22.7

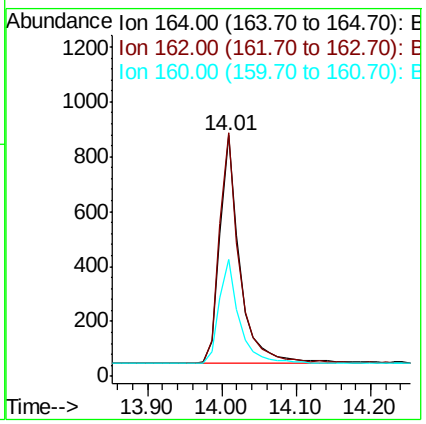




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:164 Resp: 1545

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.9	119.9
160	48.4	38.2	57.2



Instrument :
BNA_N
ClientSampleId :
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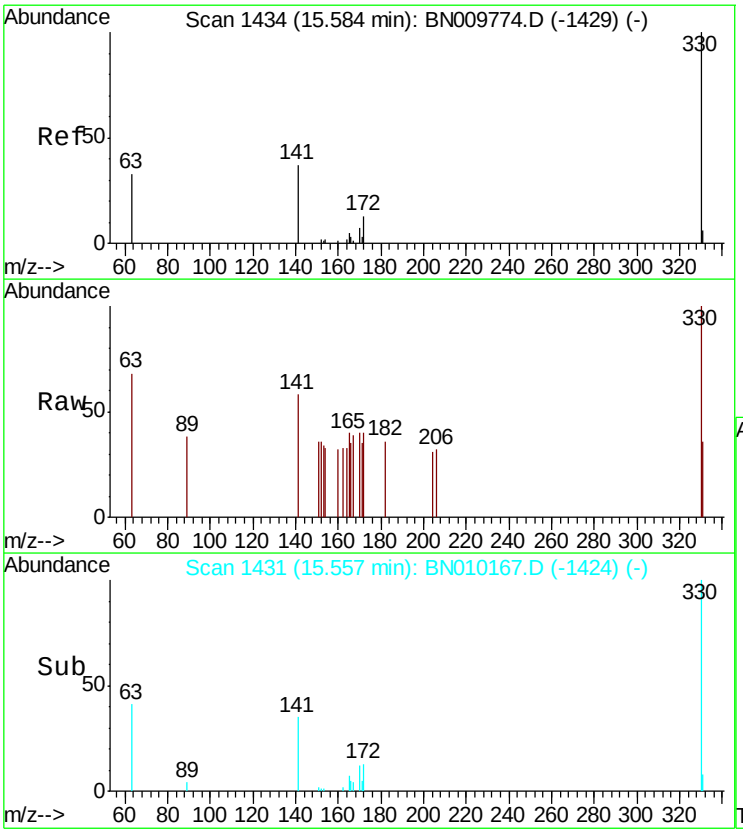
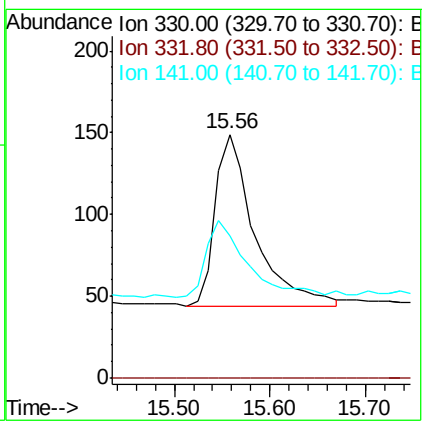
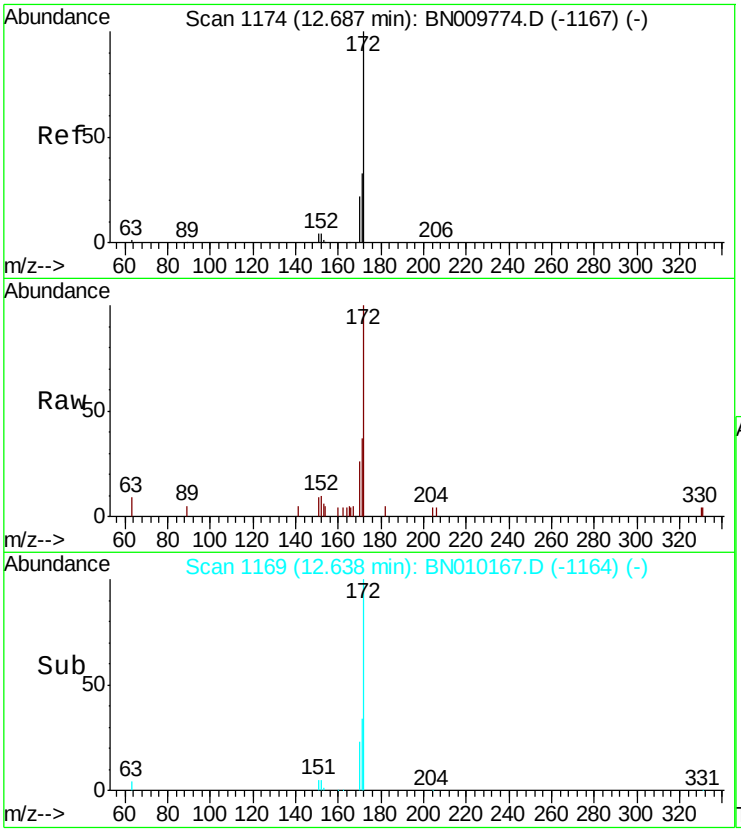


#14
2,4,6-Tribromophenol
Concen: 0.511 ng
RT: 15.56 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:330 Resp: 304

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.4	36.8	55.2

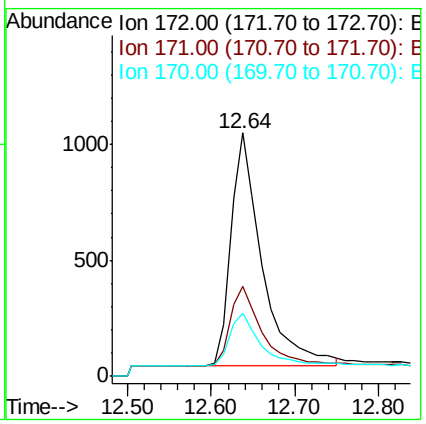




#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 12.64 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:172 Resp: 2570

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	26.0	20.1	30.1



Instrument :
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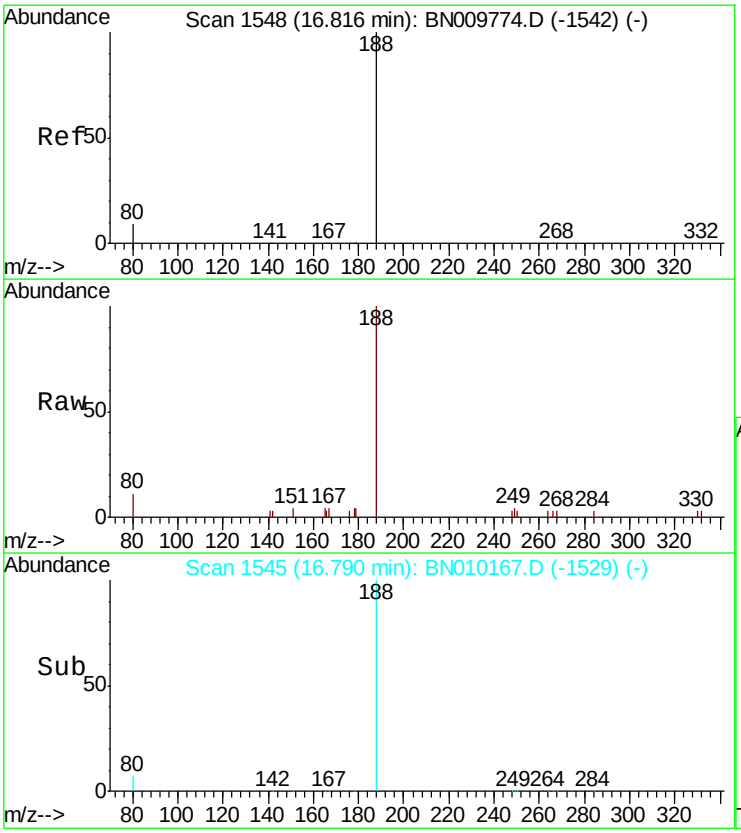
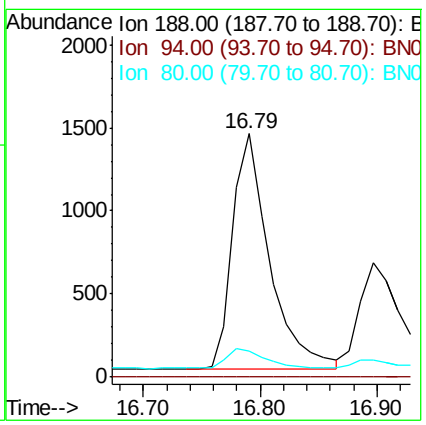
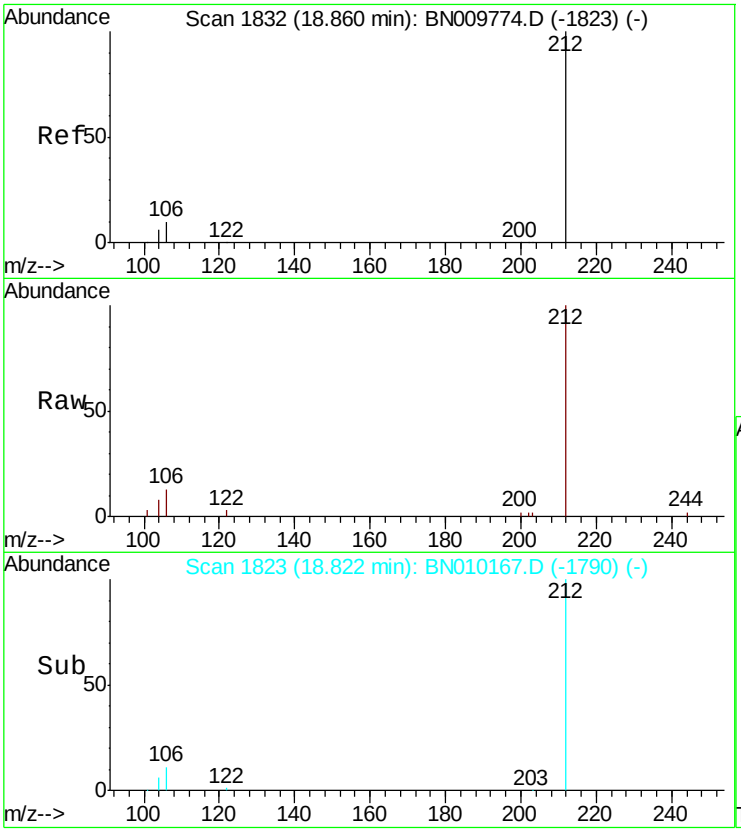


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:188 Resp: 3115

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	8.3	12.5

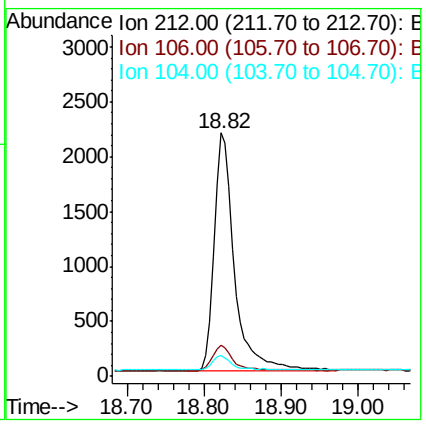




#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 18.82 min Scan# 1823
Delta R.T. -0.04 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:212 Resp: 4000

Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.4	12.6
104	5.7	4.8	7.2



Instrument :
BNA_N
ClientSampleId :
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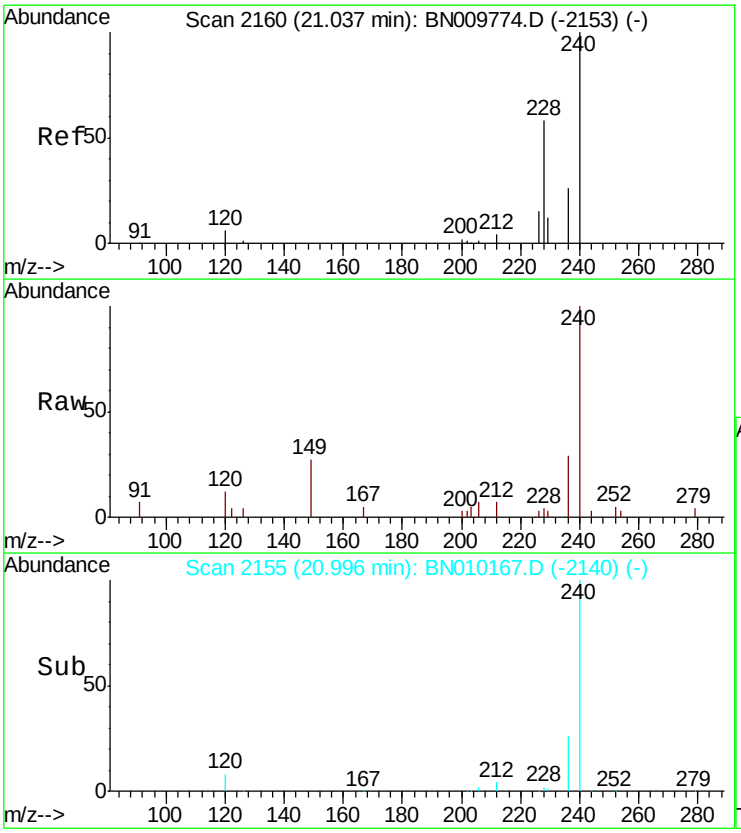
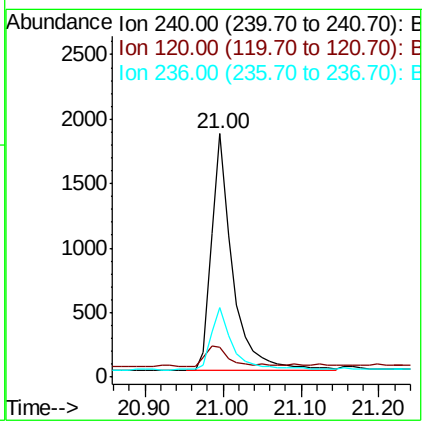
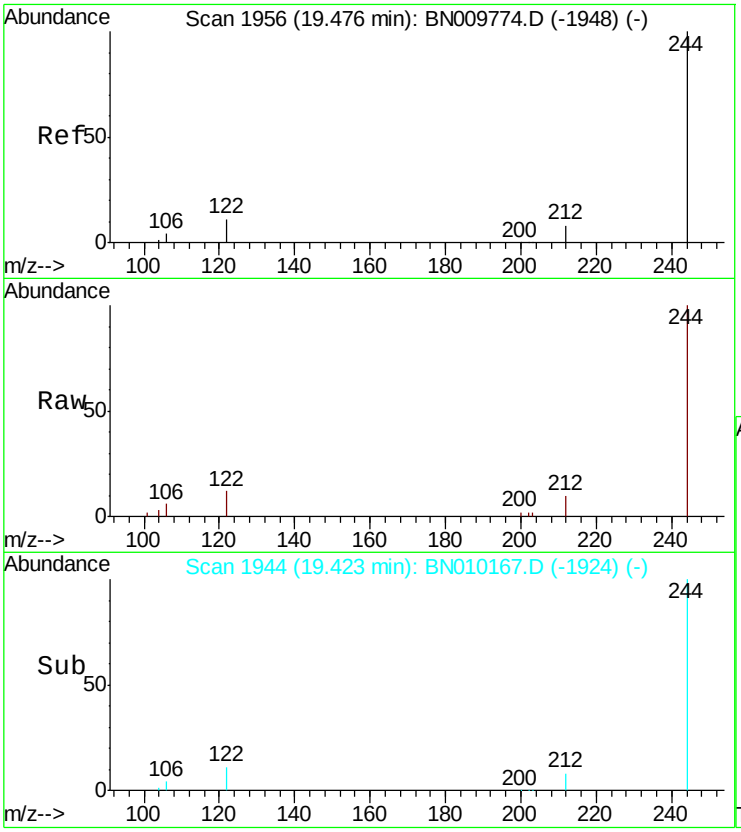


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2155
Delta R.T. -0.04 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:240 Resp: 3459

Ion	Ratio	Lower	Upper
240	100		
120	12.3	7.9	11.9#
236	28.7	22.0	33.0

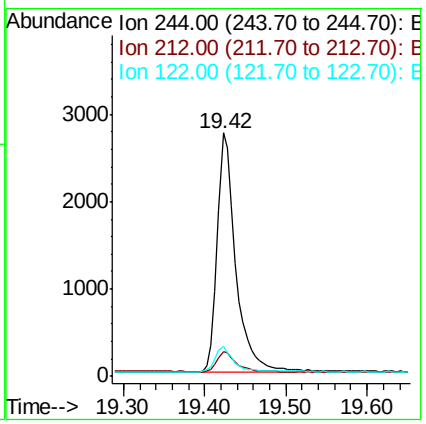




#29
Terphenyl-d14
Concen: 0.528 ng
RT: 19.42 min Scan# 1944
Delta R.T. -0.05 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:244 Resp: 4360

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.0	12.0
122	12.3	10.0	15.0



Instrument :
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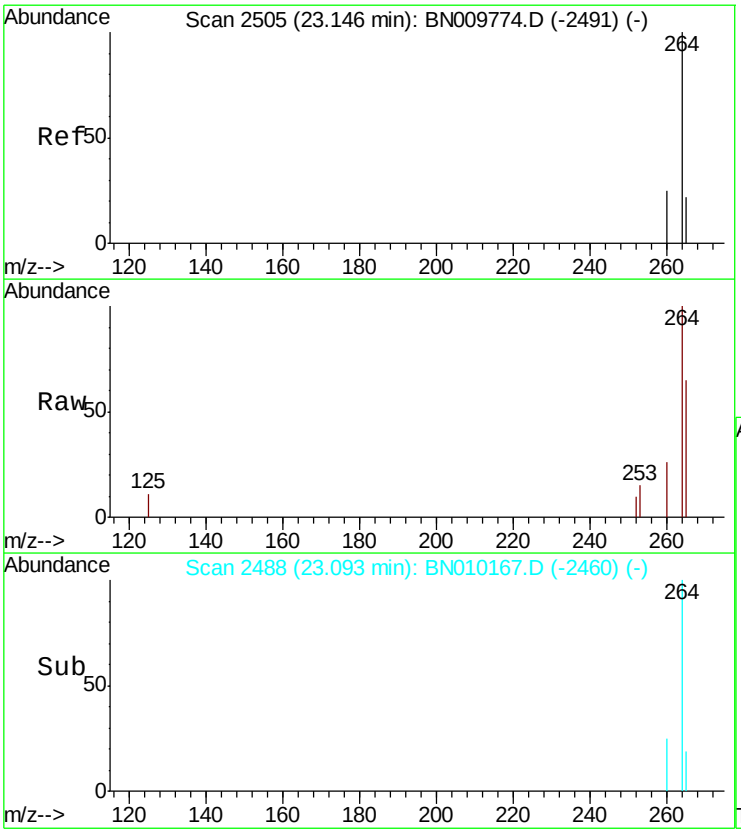

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.09 min Scan# 2488
Delta R.T. -0.05 min
Lab File: BN010167.D
Acq: 10 Mar 2020 19:28

Tgt Ion:264 Resp: 3780

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.1	31.7
265	65.2	57.5	86.3