Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010181.D
Acq On : 11 Mar 2020 08:08
Operator : CG/JU
Sample : L1842-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305

Manual Integrations APPROVED
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Quant Time: Mar 11 08:54:06 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	804	0.40	ng	-0.04
7) Naphthalene-d8	10.18	136	2927m	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1562	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	2940	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3478	0.40	ng	-0.03
34) Perylene-d12	23.11	264	3351	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	304	0.17	ng	-0.02
5) Phenol-d6	6.61	99	218	0.10	ng	-0.04
8) Nitrobenzene-d5	8.66	82	836m	0.34	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	1297	0.23	ng	-0.01
14) 2,4,6-Tribromophenol	15.57	330	197	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	1946	0.33	ng	-0.04
25) Fluoranthene-d10	18.83	212	3342	0.33	ng	-0.03
29) Terphenyl-d14	19.43	244	3026	0.36	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	6340m	7.699	ng	
32) Bis(2-ethylhexyl)phthalate	20.91	149	526	0.093	ng	# 90

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

Quantitation Report (QT Reviewed)

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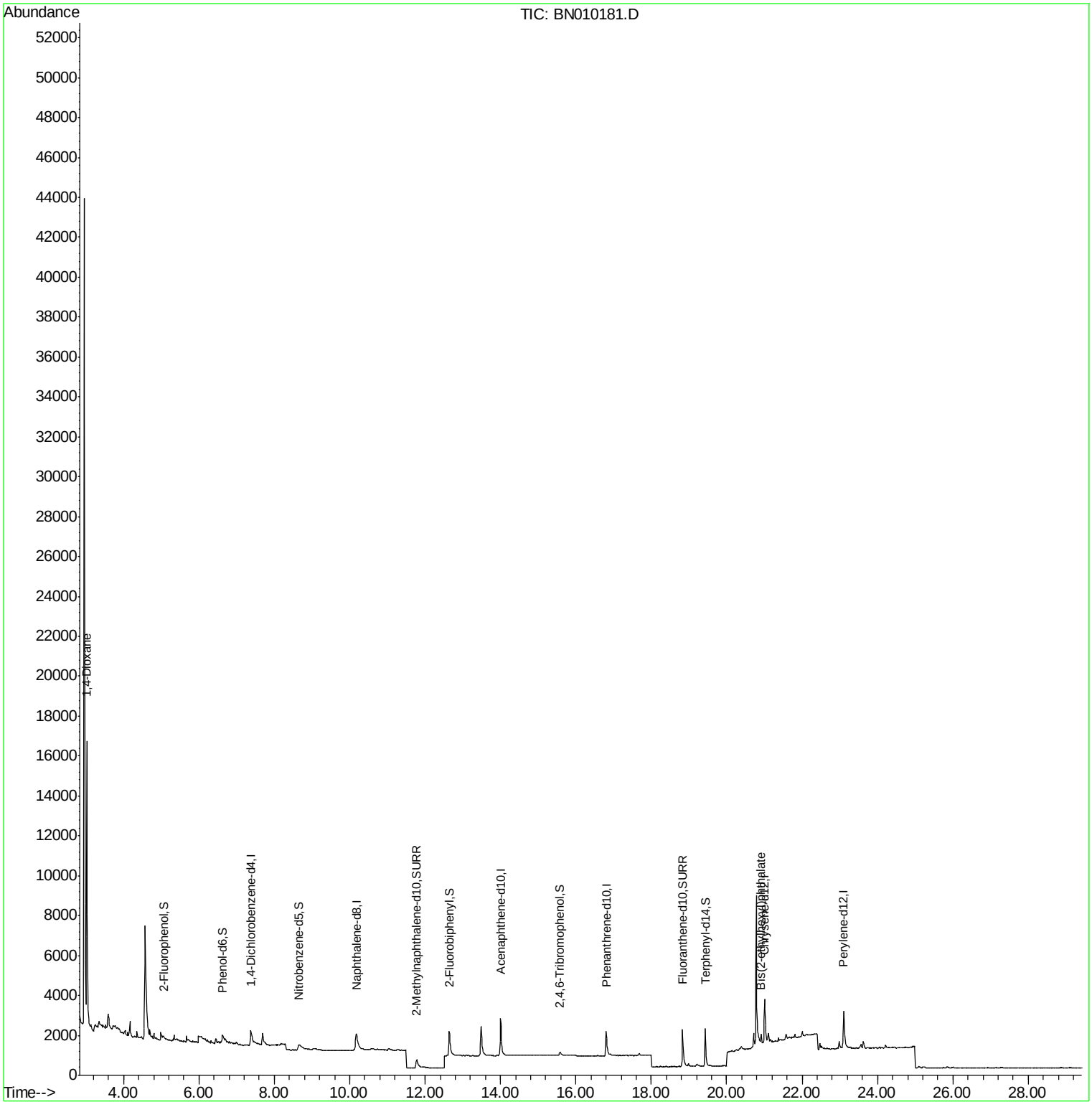
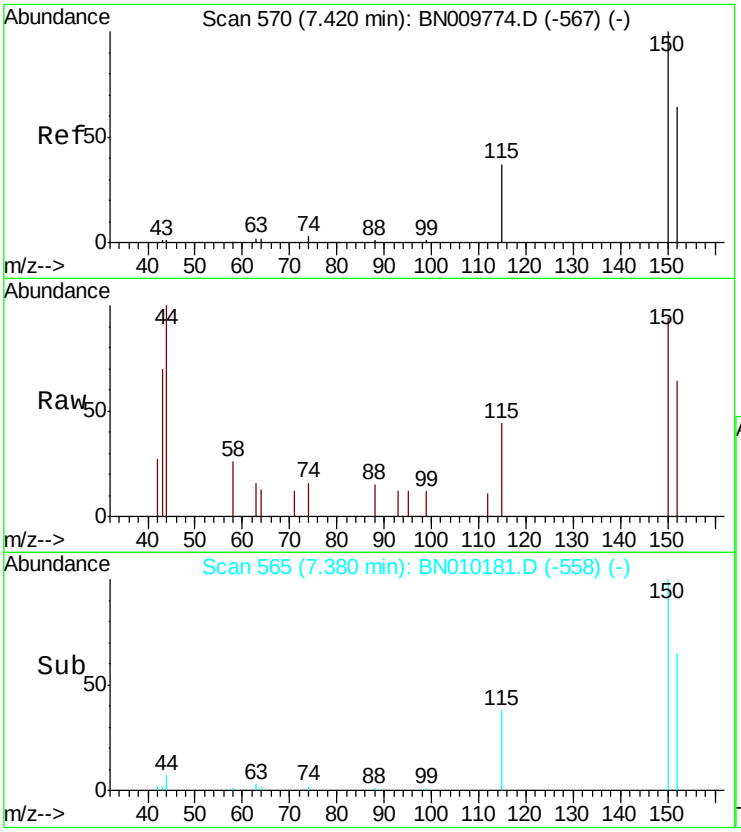
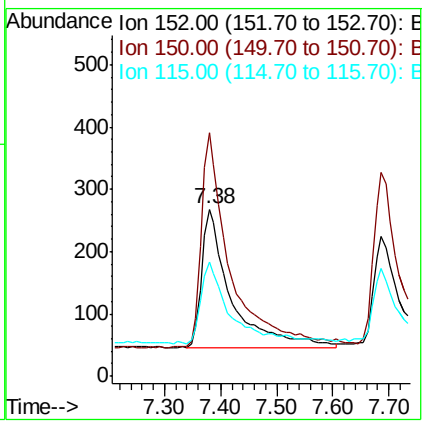




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:152 Resp: 804

Ion	Ratio	Lower	Upper
152	100		
150	145.9	120.6	181.0
115	68.7	51.2	76.8



Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305

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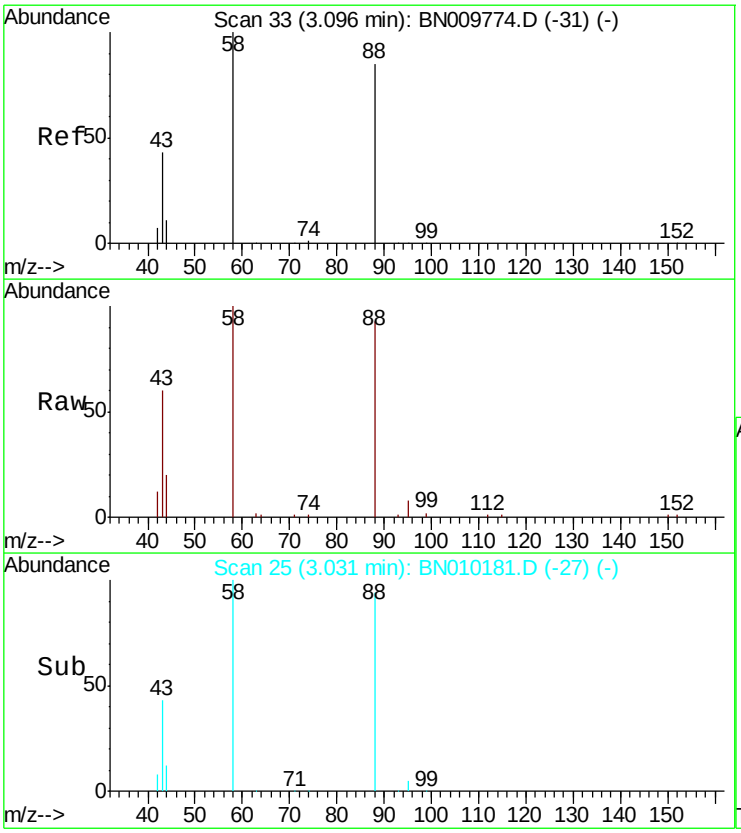
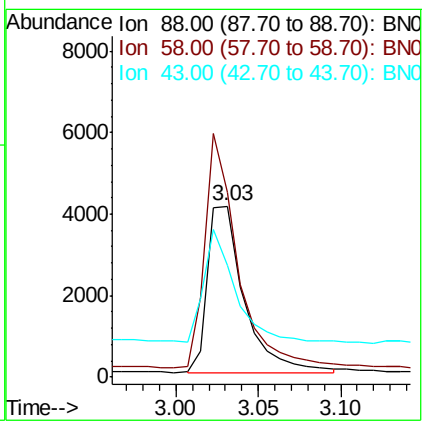
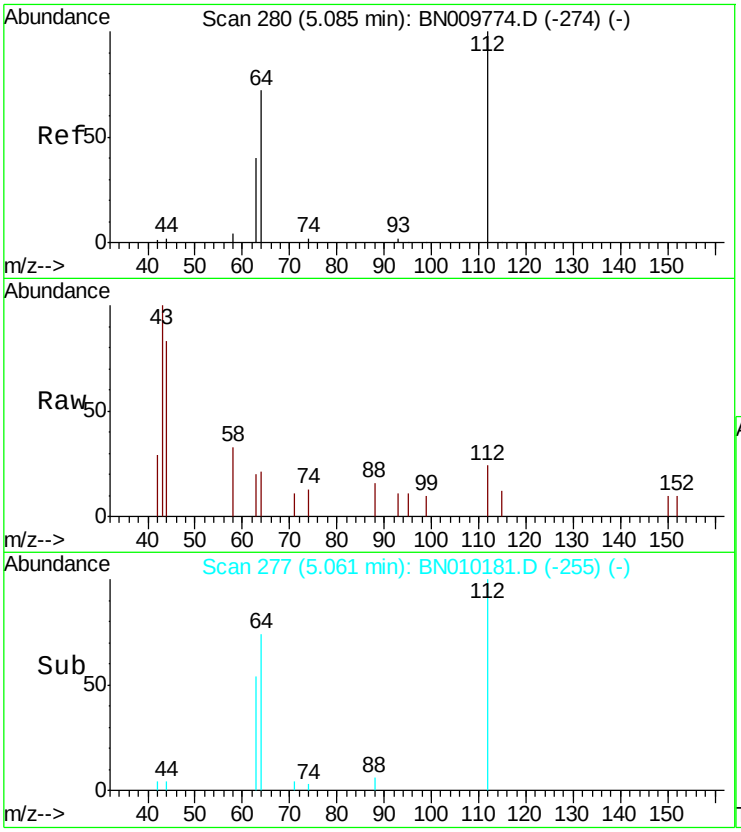


#2
1,4-Dioxane
Concen: 7.699 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion: 88 Resp: 6340

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

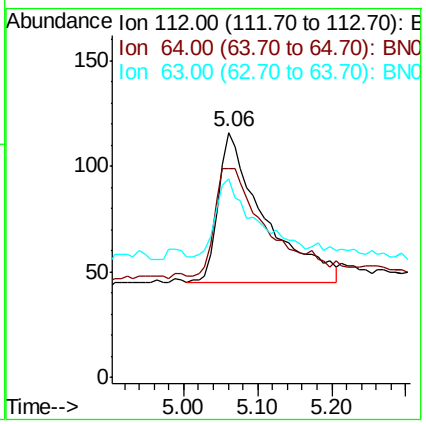




#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.06 min Scan# 277
Delta R.T. -0.02 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:112 Resp: 304

Ion	Ratio	Lower	Upper
112	100		
64	79.9	65.8	98.6
63	46.4	38.7	58.1



Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305

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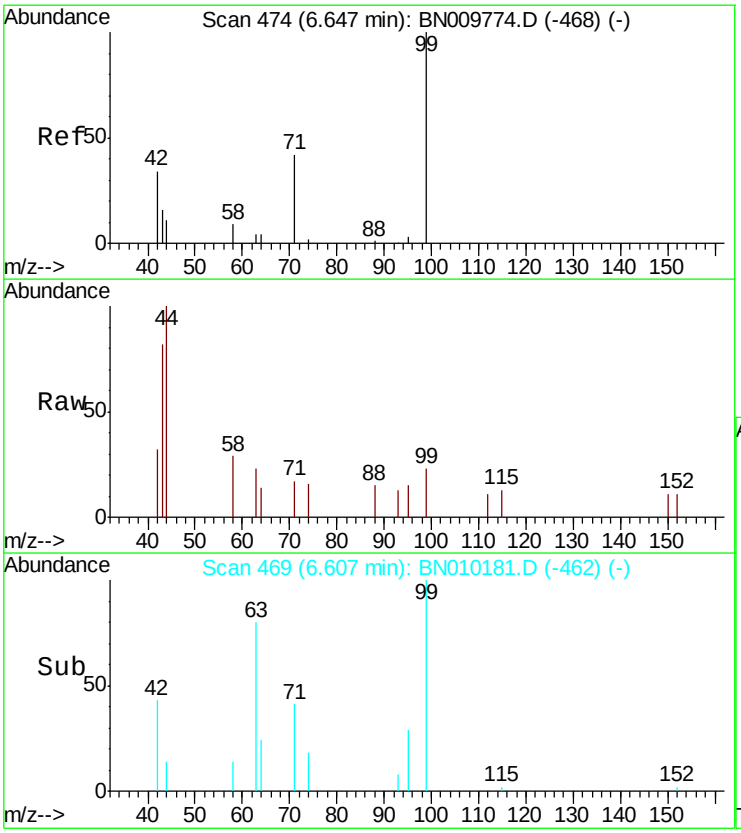
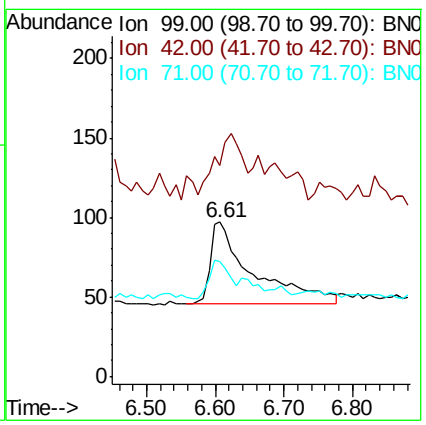
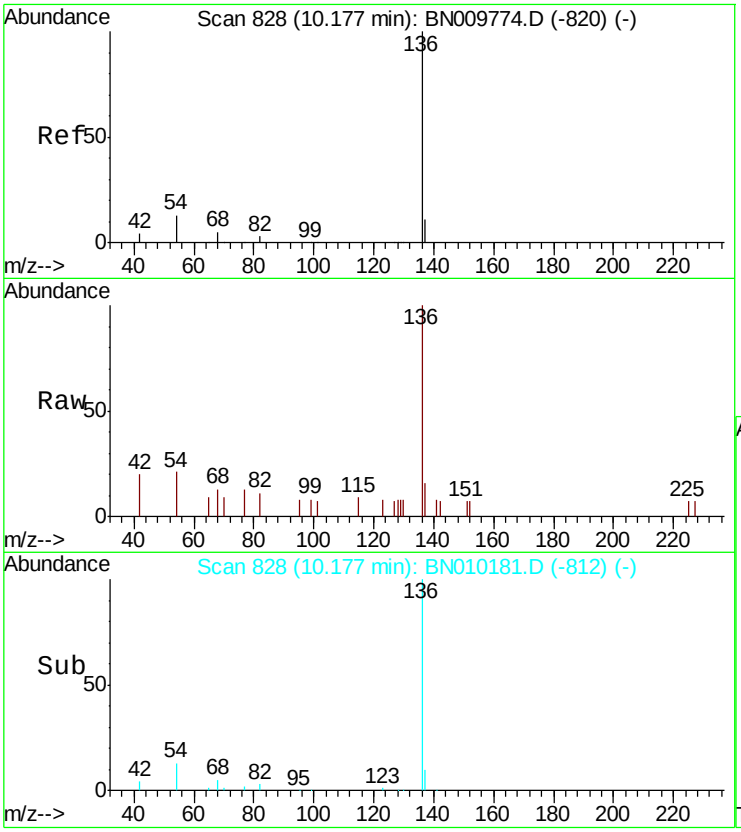


#5
Phenol-d6
Concen: 0.100 ng
RT: 6.61 min Scan# 469
Delta R.T. -0.04 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion: 99 Resp: 218

Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	22.9	34.9	52.3#

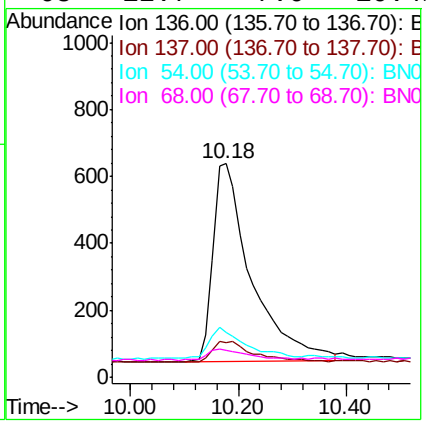




#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.18 min Scan# 828
Delta R.T. -0.00 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:136 Resp: 2927

Ion	Ratio	Lower	Upper
136	100		
137	16.3	11.3	16.9
54	20.8	13.4	20.2#
68	12.7	7.0	10.4#



Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305

Manual Integrations APPROVED
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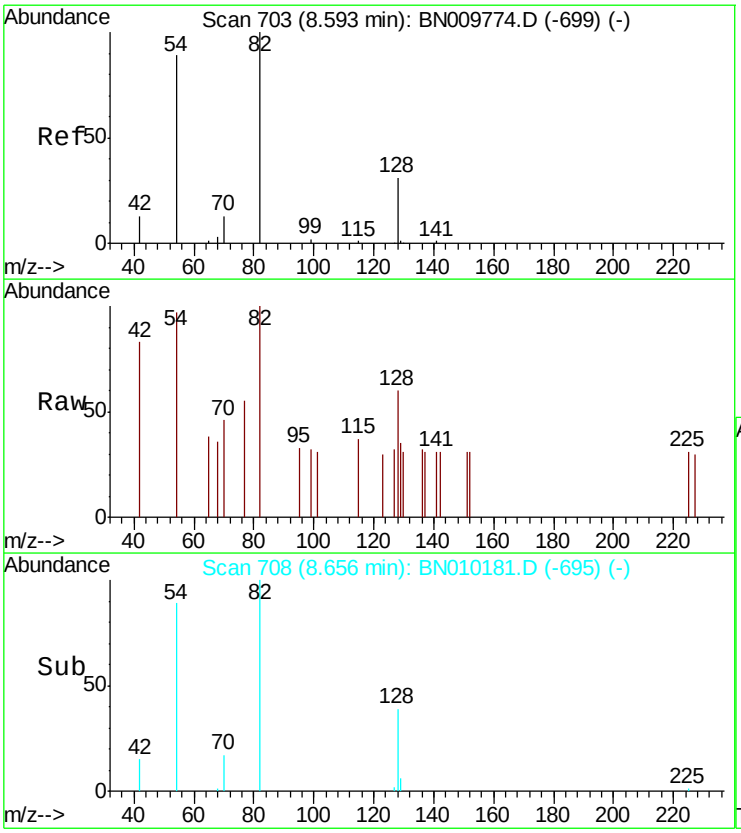
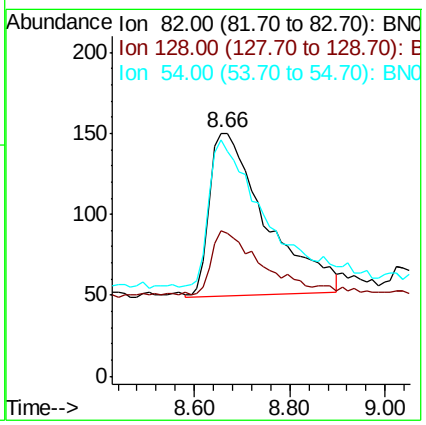
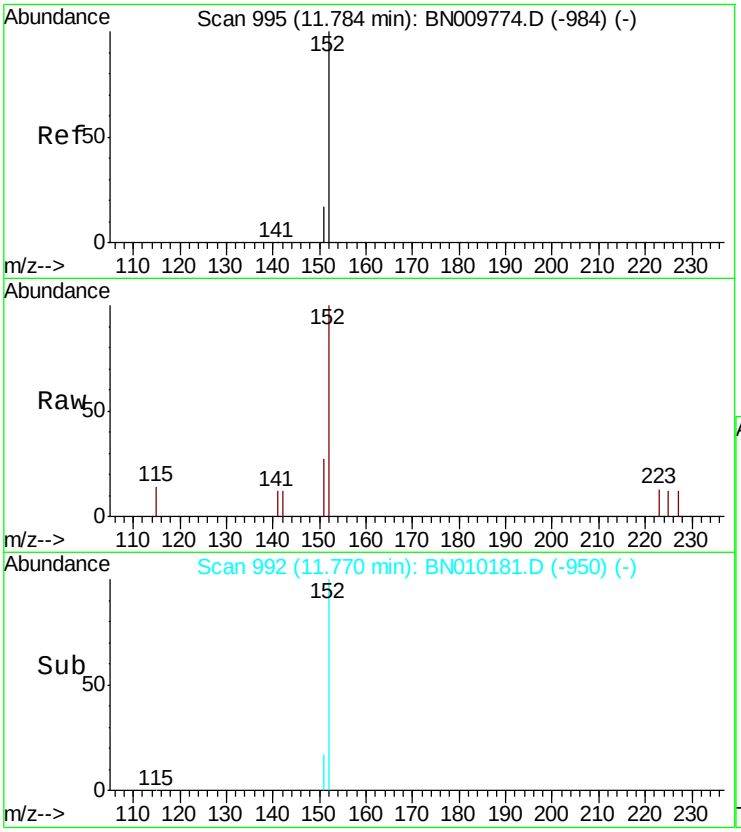


#8
Nitrobenzene-d5
Concen: 0.343 ng m
RT: 8.66 min Scan# 708
Delta R.T. 0.06 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion: 82 Resp: 836

Ion	Ratio	Lower	Upper
82	100		
128	60.0	32.5	48.7#
54	97.3	73.5	110.3

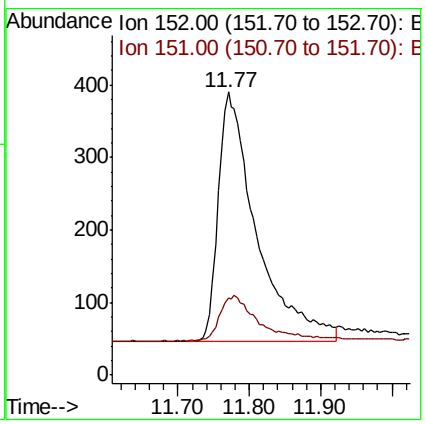




#11
2-Methylnaphthalene-d10
Concen: 0.229 ng
RT: 11.77 min Scan# 992
Delta R.T. -0.01 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:152 Resp: 1297

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305

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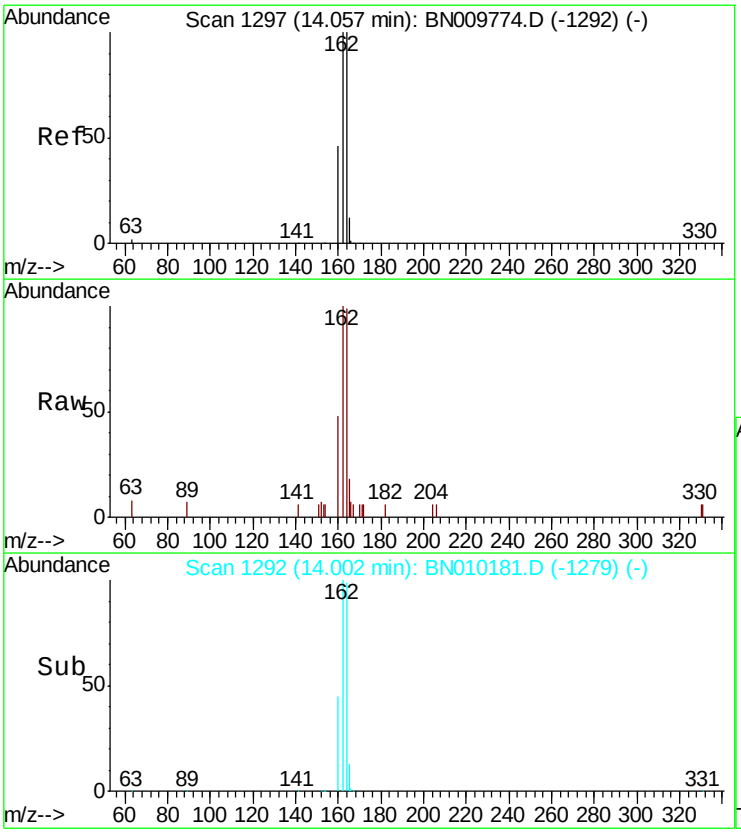
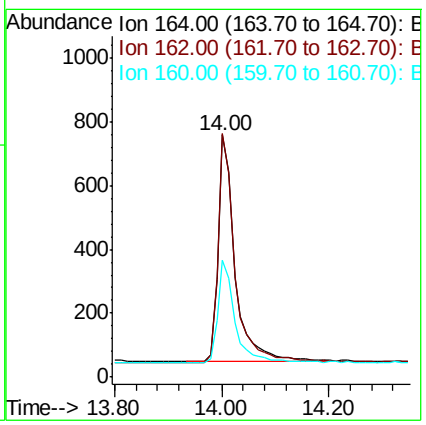
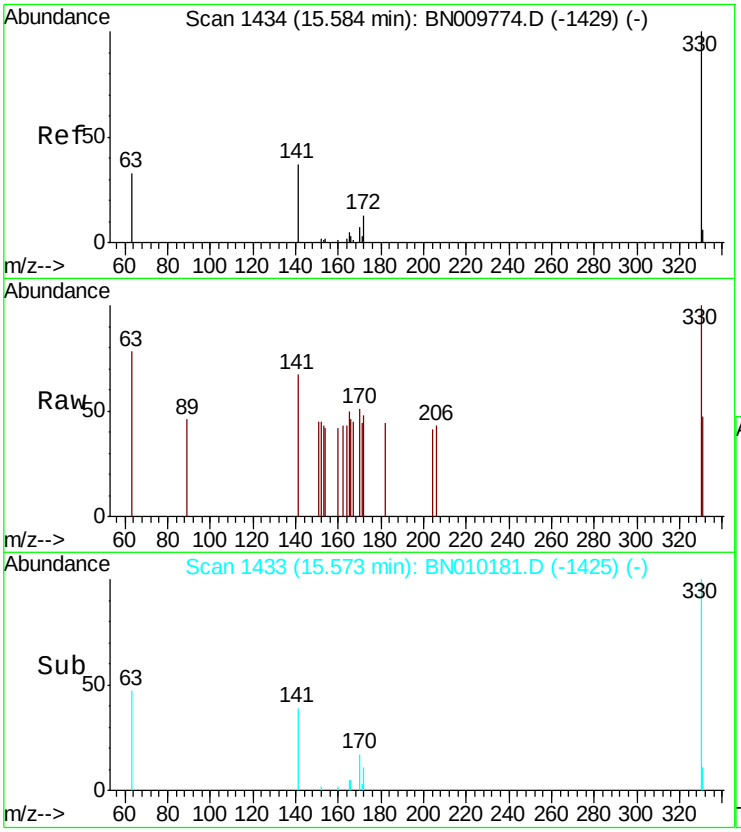


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:164 Resp: 1562

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.9	119.9
160	48.4	38.2	57.2

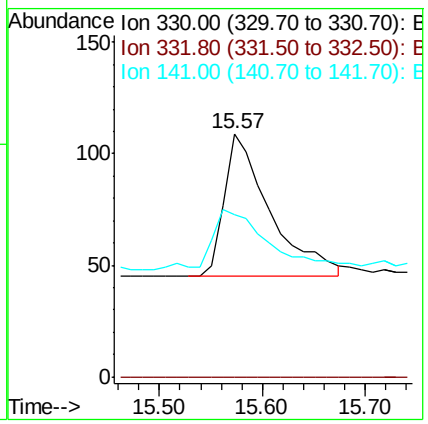




#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.57 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:330 Resp: 197

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.8	36.8	55.2



Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305

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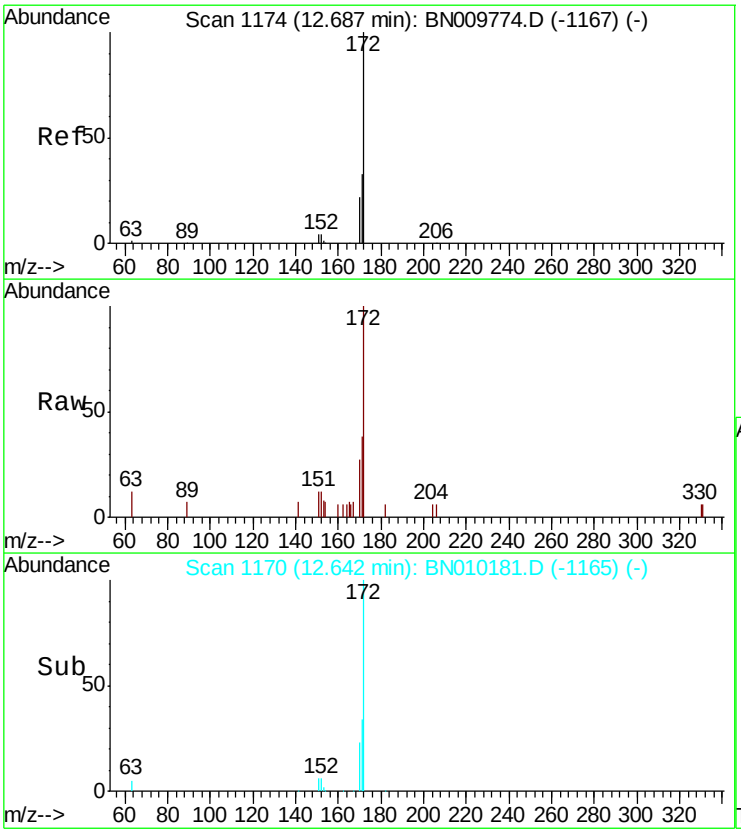
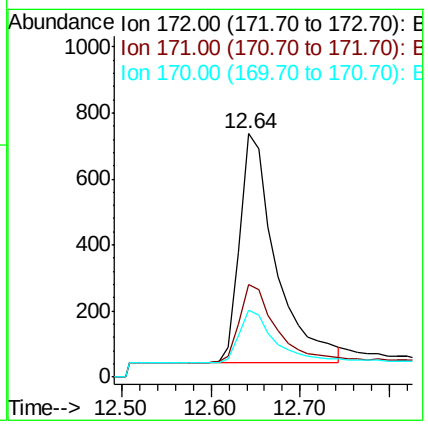
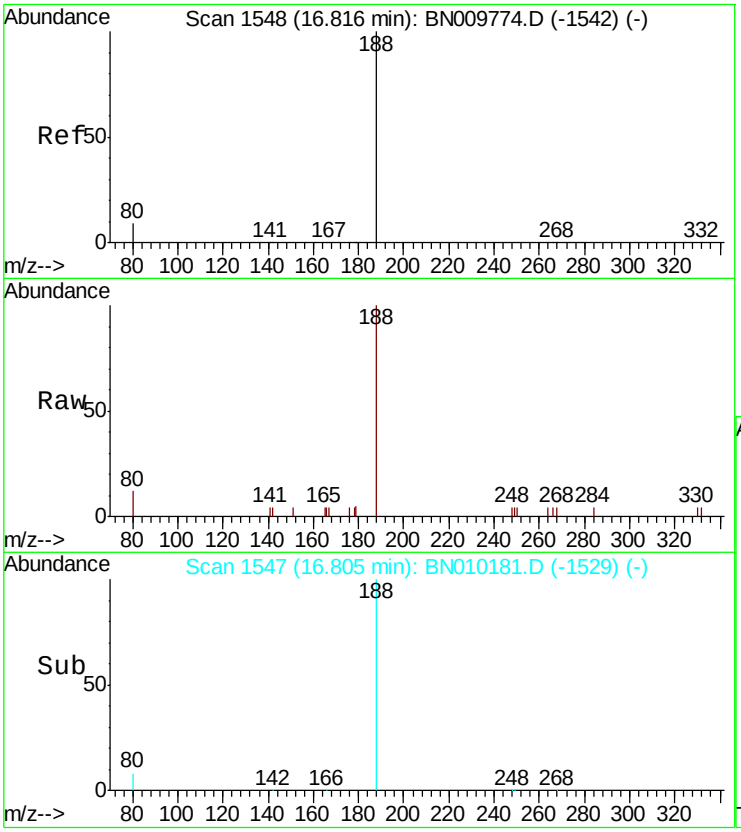


#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:172 Resp: 1946

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.7	43.1
170	27.4	20.1	30.1

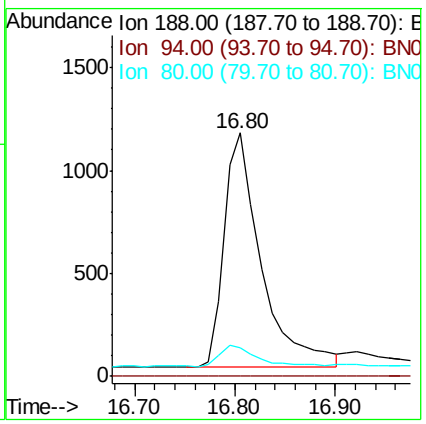




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:188 Resp: 2940

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	8.3	12.5



Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305

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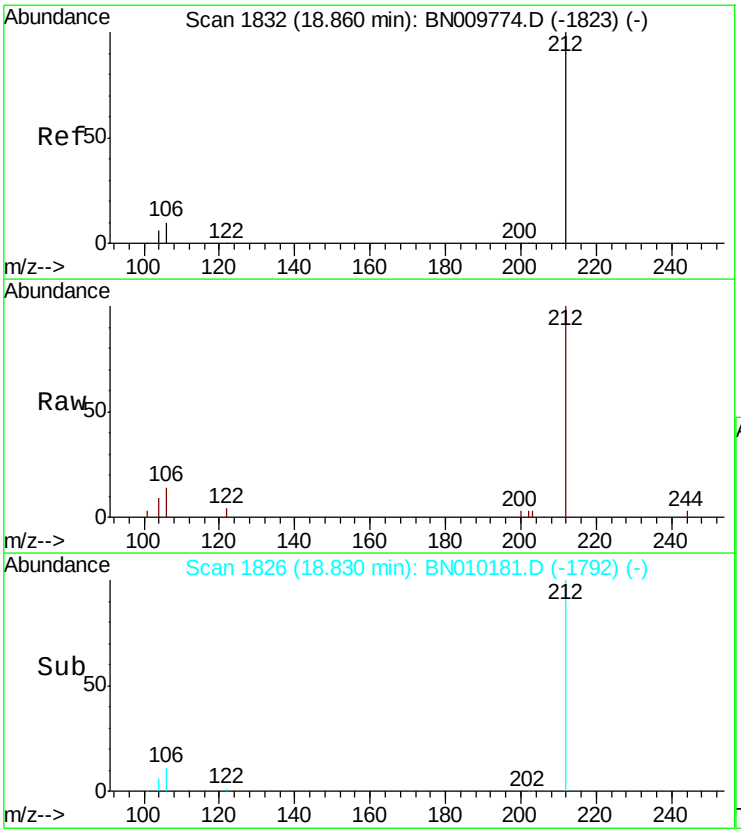
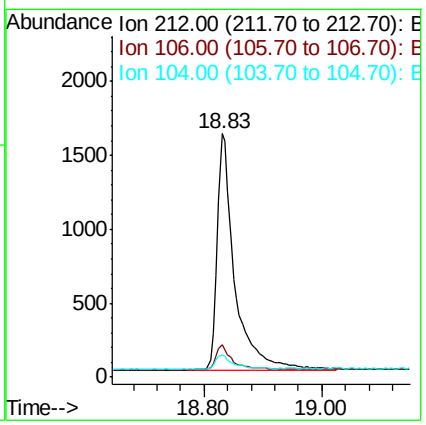
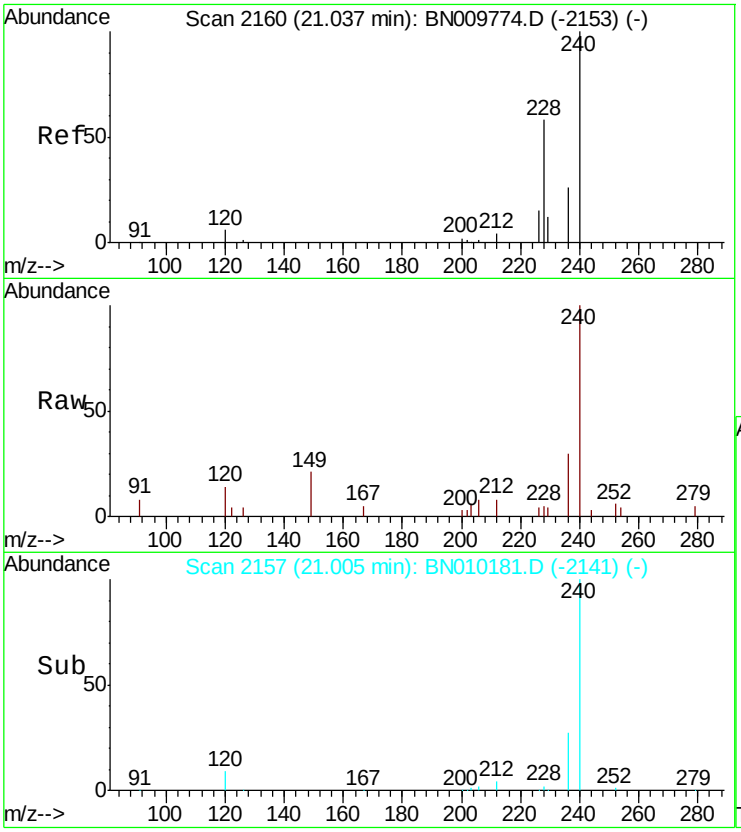


#25
Fluoranthene-d10
Concen: 0.329 ng
RT: 18.83 min Scan# 1826
Delta R.T. -0.03 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:212 Resp: 3342

Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.4	12.6
104	6.0	4.8	7.2





#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:240 Resp: 3478

Ion	Ratio	Lower	Upper
240	100		
120	14.0	7.9	11.9#
236	29.9	22.0	33.0

Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305

Manual Integrations APPROVED
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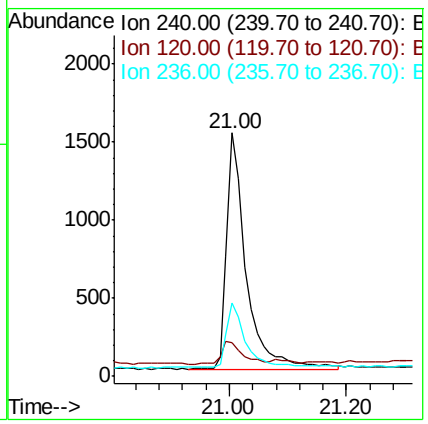
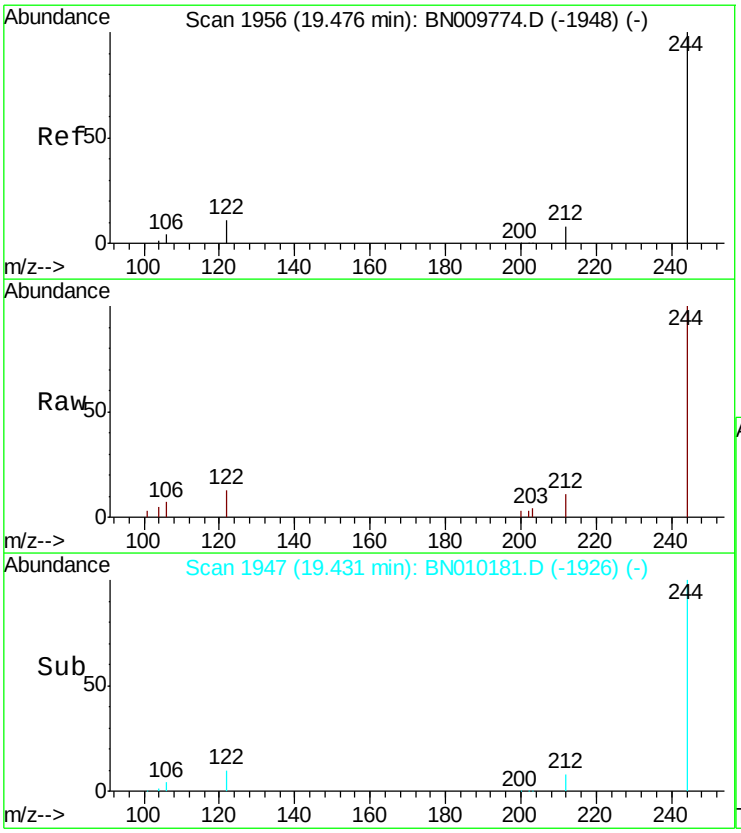
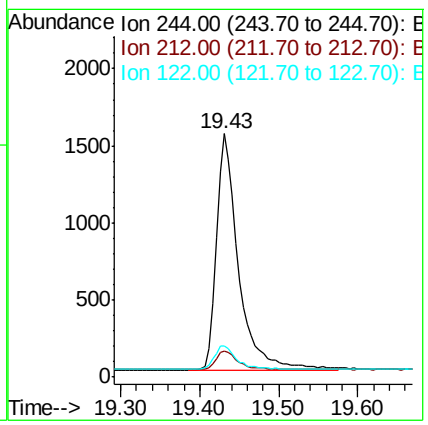


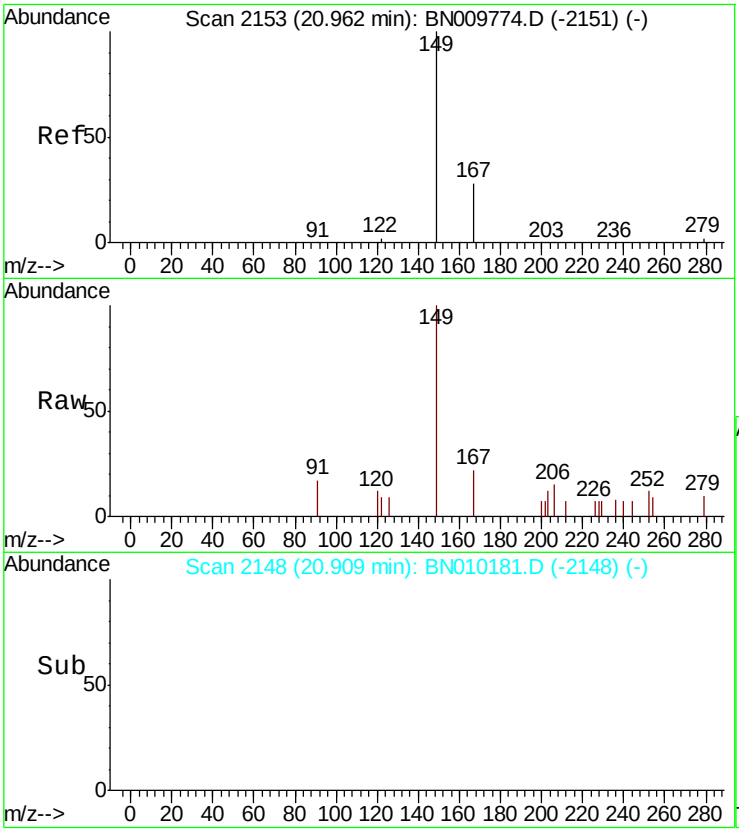


#29
Terphenyl-d14
Concen: 0.364 ng
RT: 19.43 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:244 Resp: 3026

Ion	Ratio	Lower	Upper
244	100		
212	10.6	8.0	12.0
122	12.7	10.0	15.0





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 20.91 min Scan# 2148
Delta R.T. -0.05 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:149 Resp: 526

Ion	Ratio	Lower	Upper
149	100		
167	22.6	22.7	34.1#
279	3.4	3.1	4.7

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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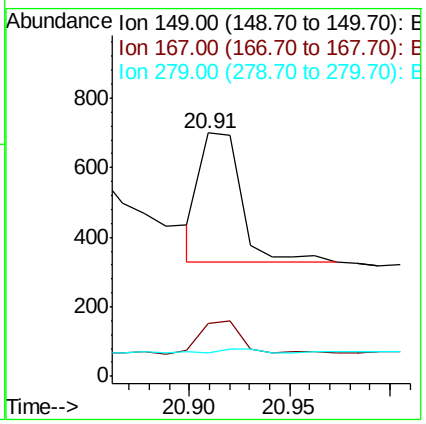

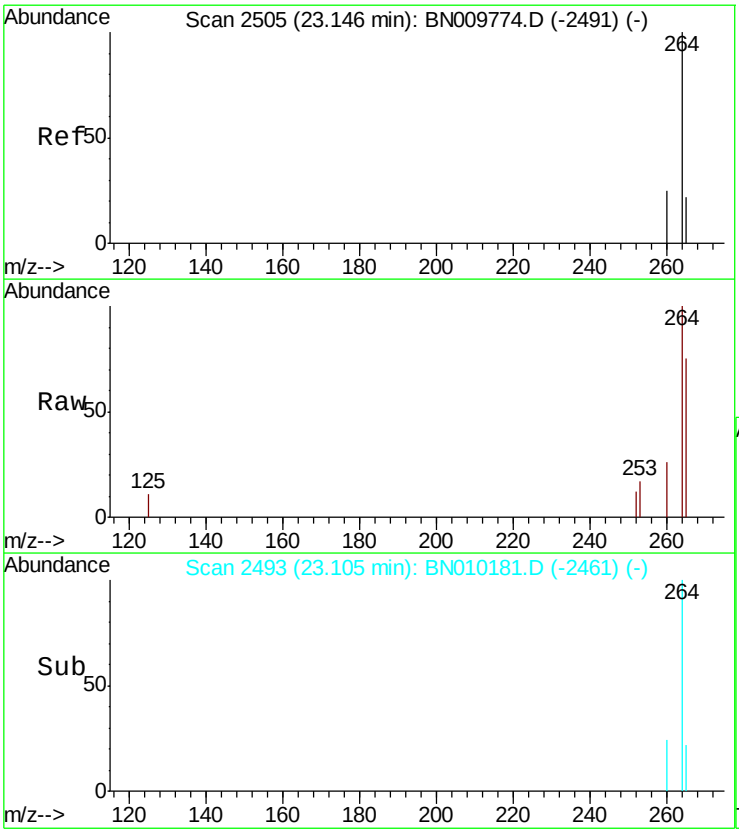

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2493
Delta R.T. -0.04 min
Lab File: BN010181.D
Acq: 11 Mar 2020 08:08

Tgt Ion:264 Resp: 3351

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	74.8	57.5	86.3