Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007583.D
Acq On : 10 Sep 2019 19:42
Operator : HP/JU
Sample : K4781-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 10 20:13:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 16:53:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	5970	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	25192	0.40	ng		0.00
13) Acenaphthene-d10	14.35	164	14848	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	36106	0.40	ng		0.00
27) Chrysene-d12	21.28	240	37357	0.40	ng		-0.01
34) Perylene-d12	23.51	264	40305	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	3412	0.19	ng		0.00
5) Phenol-d6	6.90	99	3075	0.12	ng		0.00
8) Nitrobenzene-d5	8.86	82	6739	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	15876	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	2373	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.98	172	25413	0.41	ng		0.00
25) Fluoranthene-d10	19.12	212	43797	0.37	ng		0.00
29) Terphenyl-d14	19.73	244	39309	0.40	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.03	42	109289	30.645	ng	#	100
6) bis(2-Chloroethyl)ether	7.12	93	54	0.217	ng		91
9) Naphthalene	10.54	128	2564	0.036	ng	#	88
12) 2-Methylnaphthalene	12.16	142	5062	0.102	ng		96
17) Acenaphthene	14.40	154	7198	0.143	ng		98
18) Fluorene	15.39	166	8130	0.123	ng		99
22) Pentachlorophenol	16.73	266	24	0.207	ng	#	66
23) Phenanthrene	17.12	178	26605	0.239	ng		100
24) Anthracene	17.22	178	3082	0.030	ng	#	92
26) Fluoranthene	19.15	202	5025	0.037	ng	#	93
28) Pyrene	19.51	202	4106	0.031	ng	#	94
32) Bis(2-ethylhexyl)phthalate	21.23	149	5047	0.110	ng		99

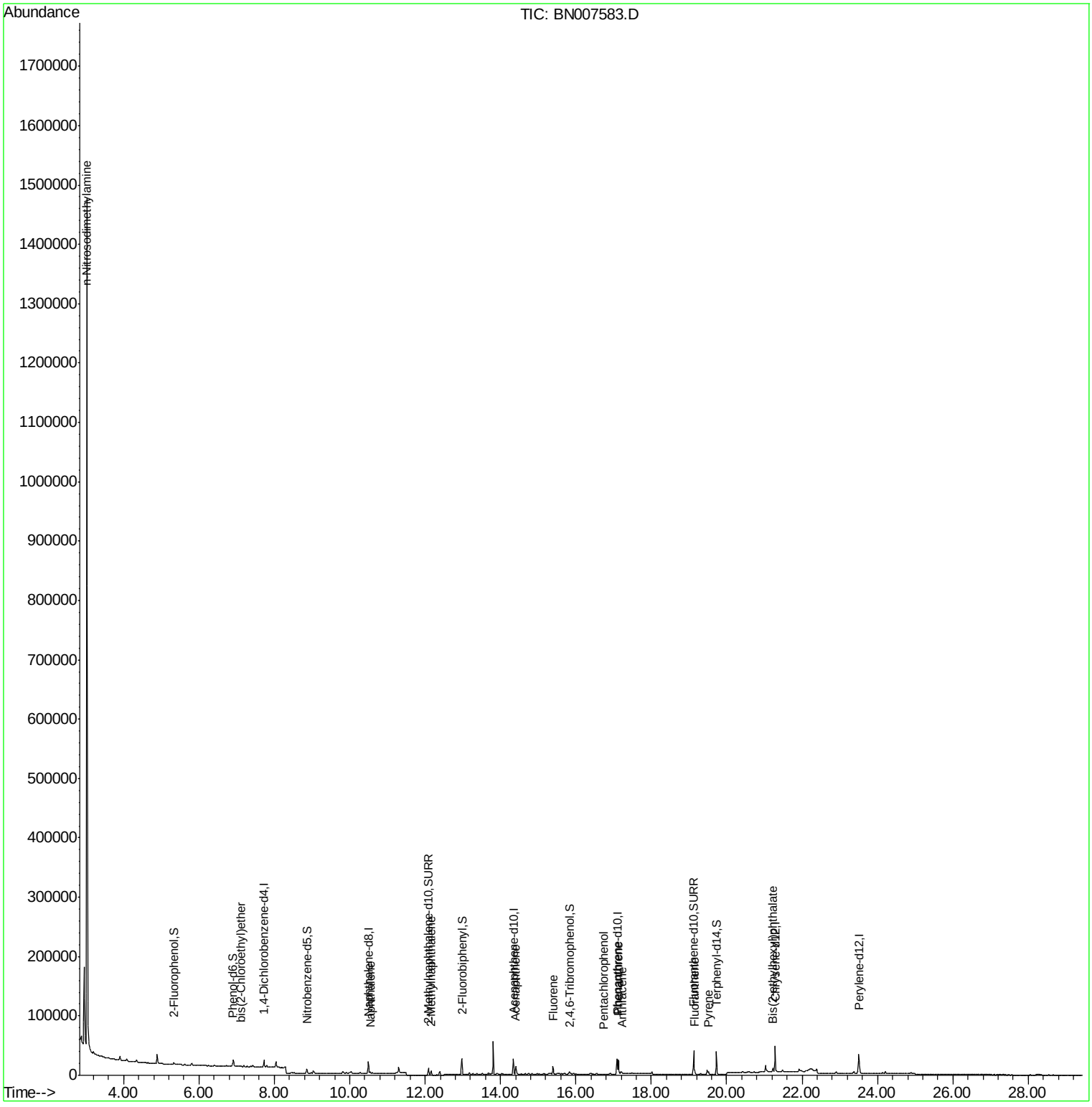
(#) = qualifier out of range (m) = manual integration (+) = signals summed

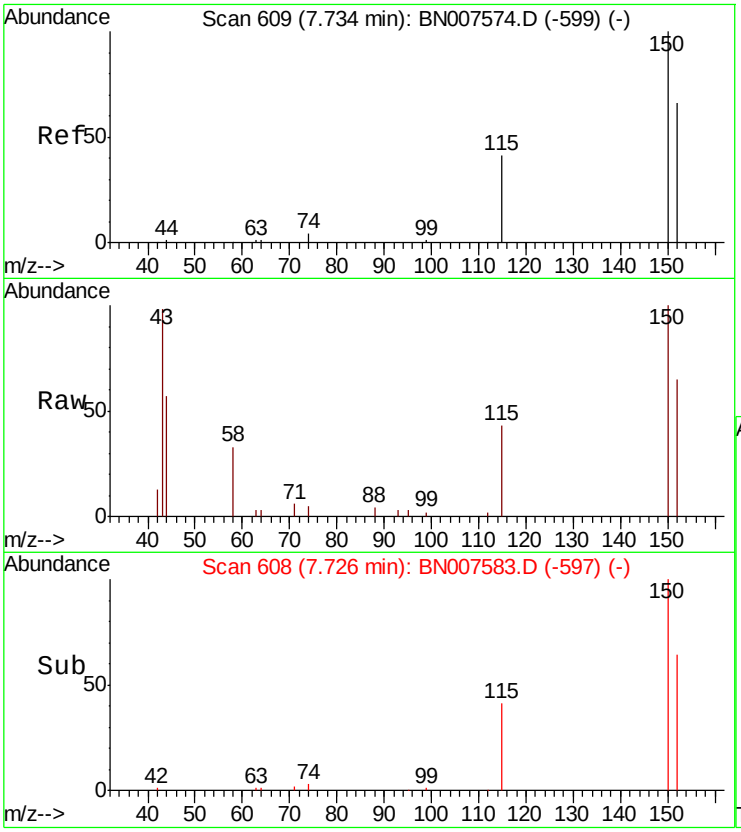
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007583.D
Acq On : 10 Sep 2019 19:42
Operator : HP/JU
Sample : K4781-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 10 20:13:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 16:53:18 2019
Response via : Initial Calibration



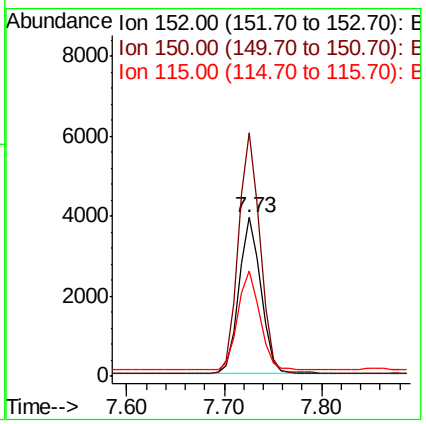


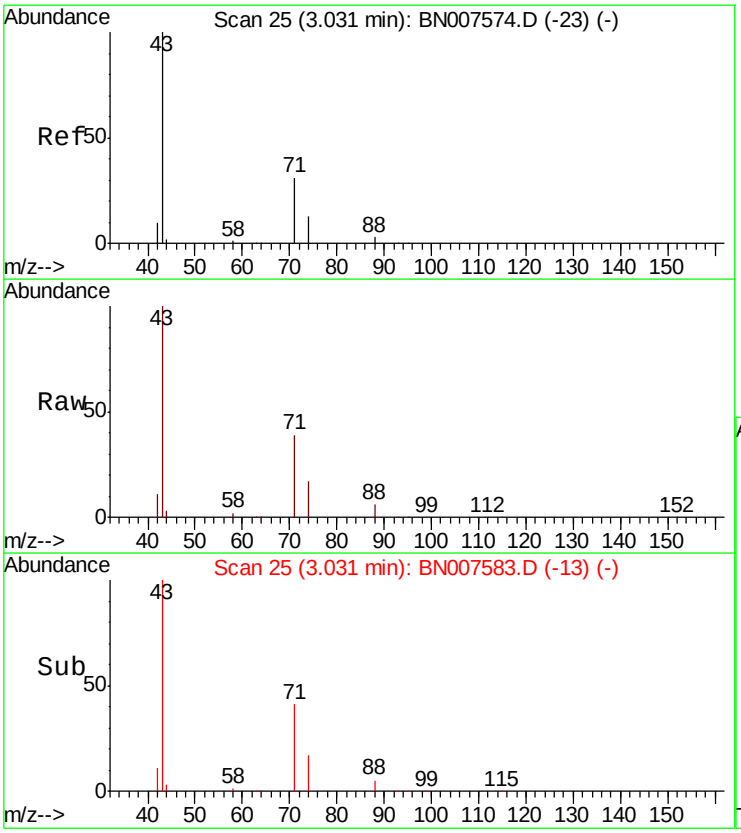
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5970

Ion	Ratio	Lower	Upper
152	100		
150	153.6	119.5	179.3
115	66.1	53.0	79.6

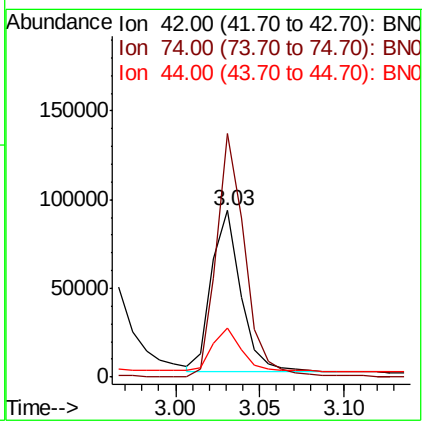


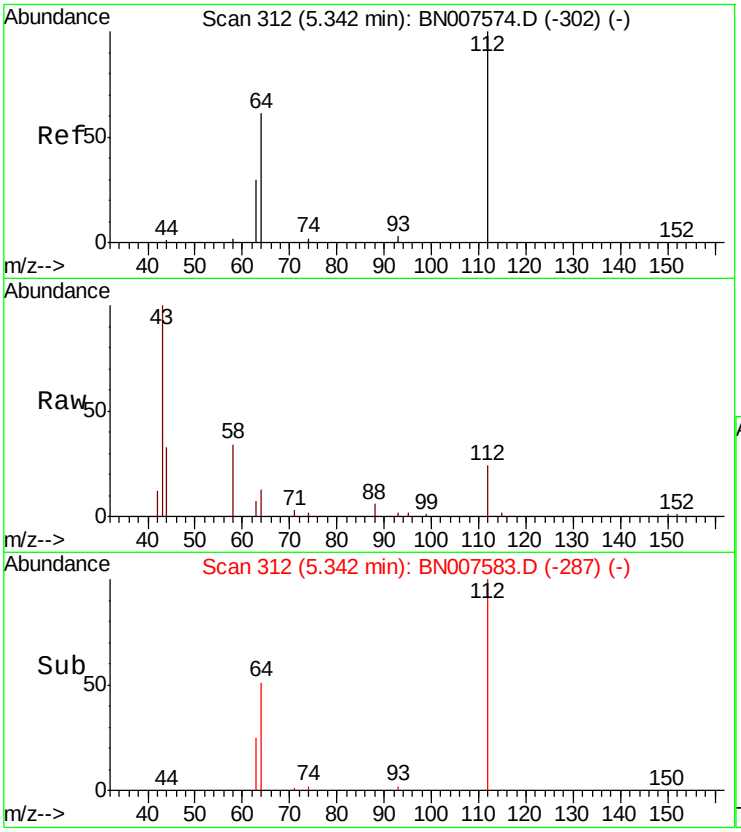


#3
n-Nitrosodimethylamine
Concen: 30.645 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion: 42 Resp: 109289

Ion	Ratio	Lower	Upper
42	100		
74	146.7	0.0	0.0#
44	26.7	0.0	0.0#



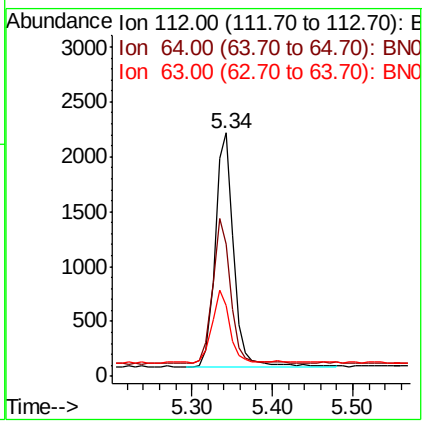


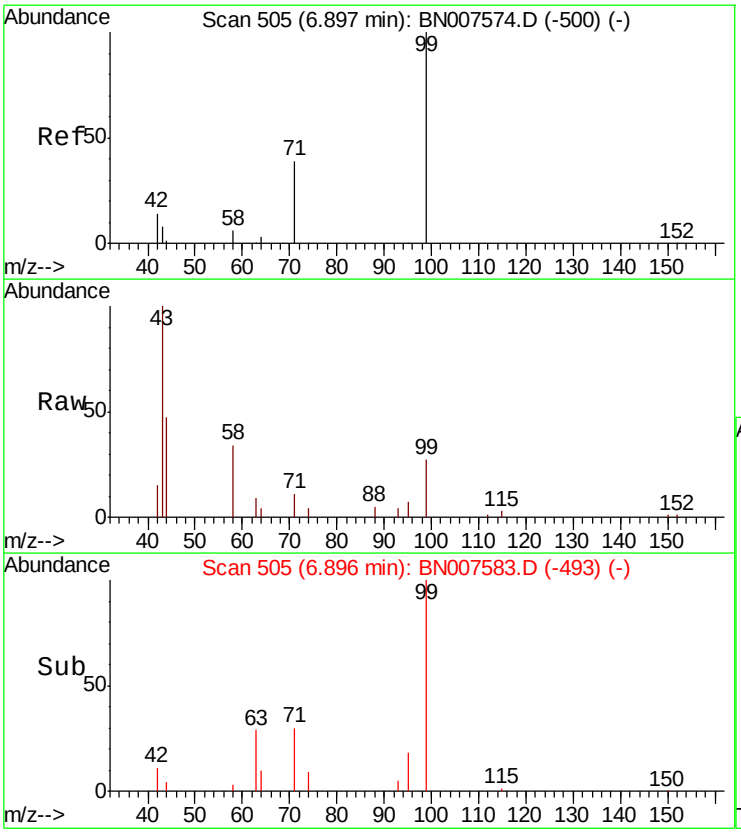
#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.34 min Scan# 312
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 3412

Ion	Ratio	Lower	Upper
112	100		
64	58.2	49.2	73.8
63	29.2	26.0	39.0

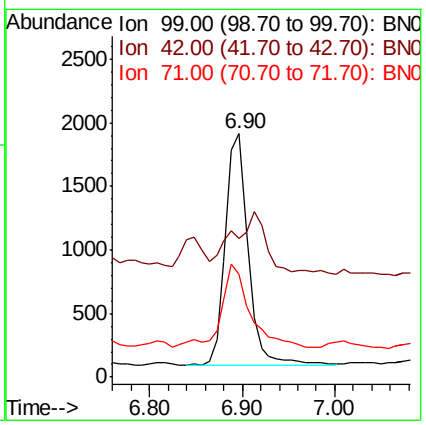


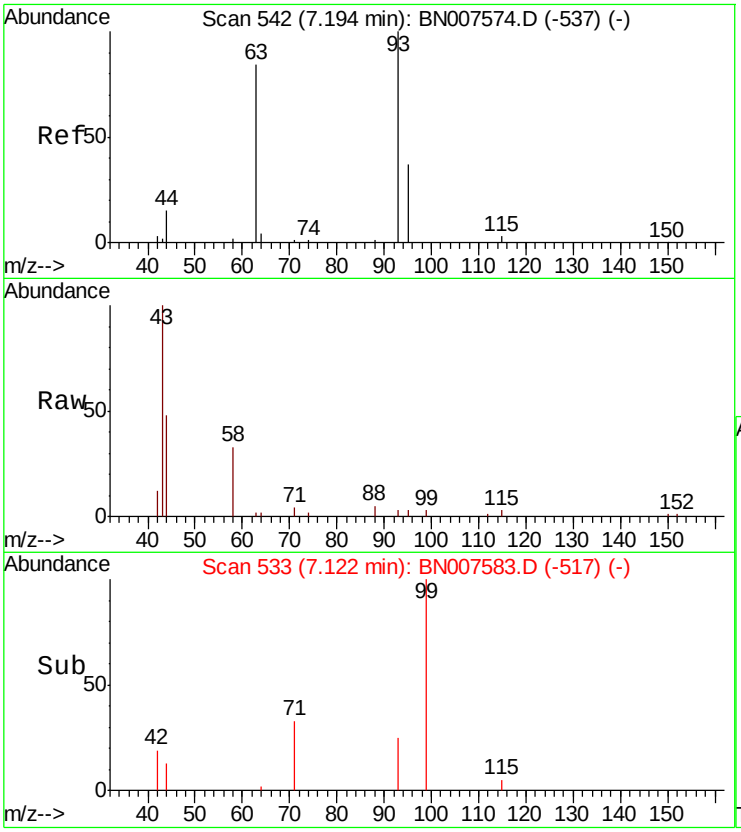


#5
Phenol-d6
Concen: 0.124 ng
RT: 6.90 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion: 99 Resp: 3075

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.8	17.8#
71	46.4	28.8	43.2#



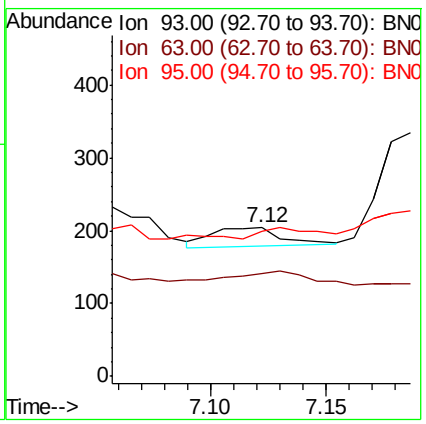


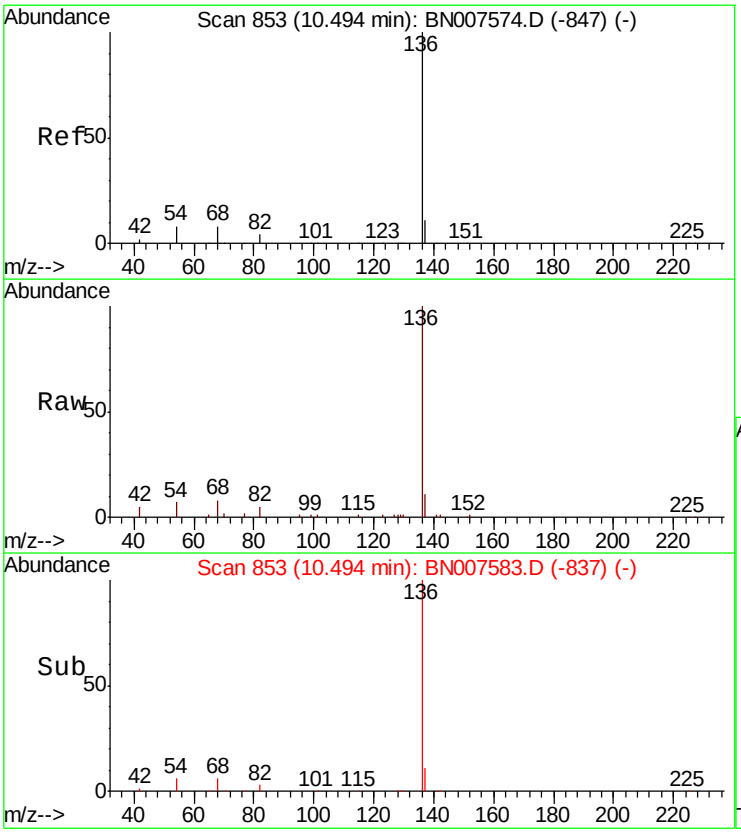
#6
bis(2-Chloroethyl)ether
Concen: 0.217 ng
RT: 7.12 min Scan# 533
Delta R.T. -0.07 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 54

Ion	Ratio	Lower	Upper
93	100		
63	75.9	69.8	104.6
95	55.6	42.8	64.2

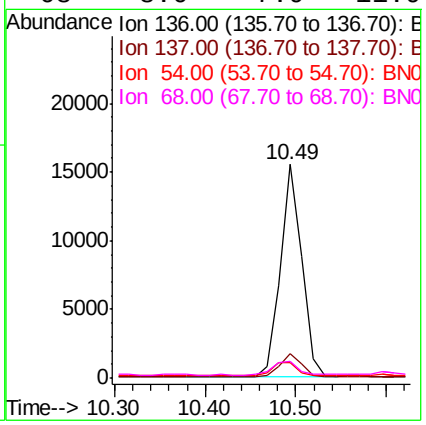


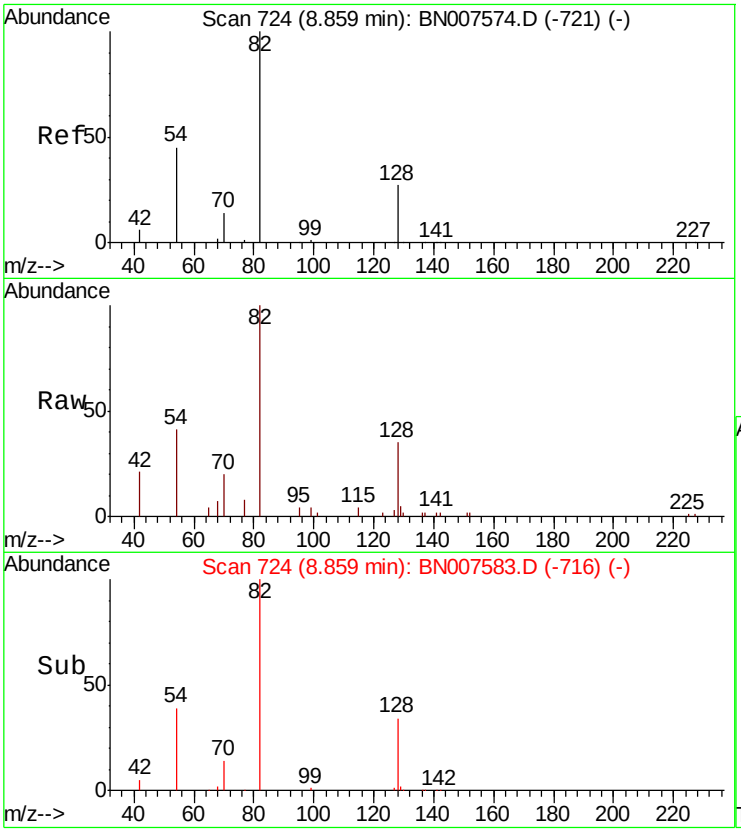


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:136 Resp: 25192

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.1	7.5	11.3#
68	8.0	7.9	11.9



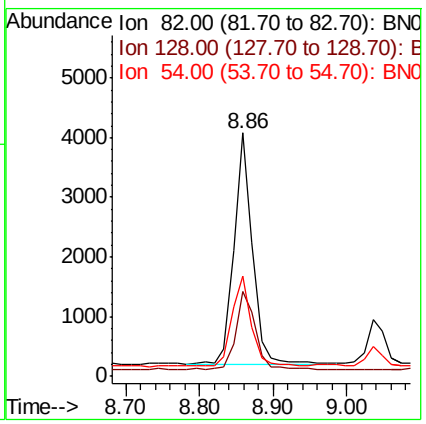


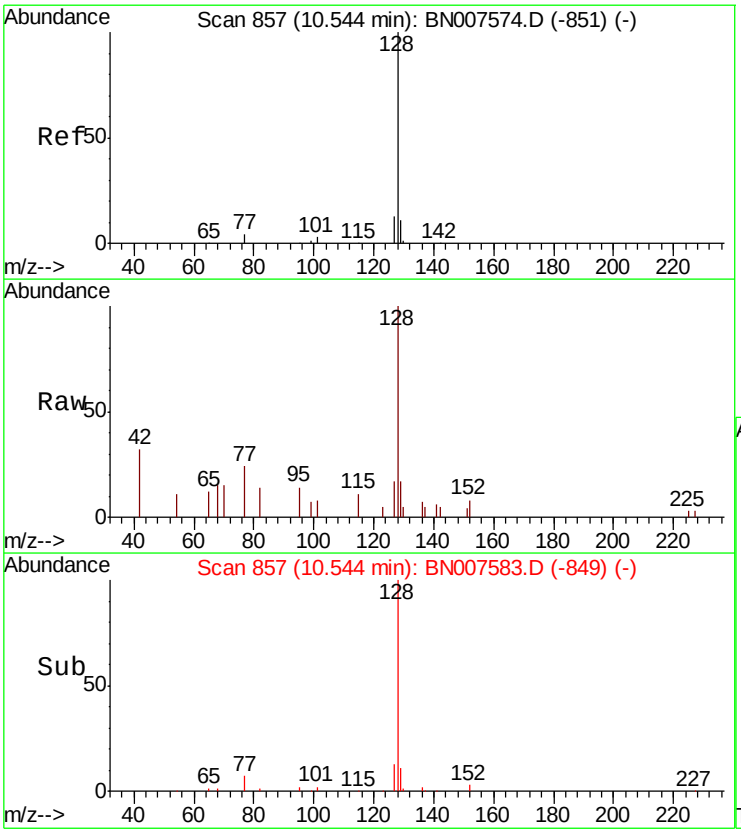
#8
Nitrobenzene-d5
Concen: 0.439 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 6739

Ion	Ratio	Lower	Upper
82	100		
128	34.9	23.4	35.2
54	41.2	38.2	57.2

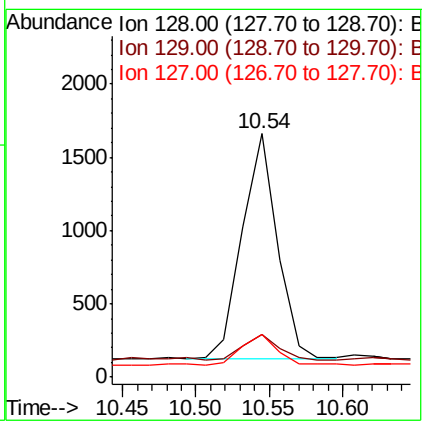


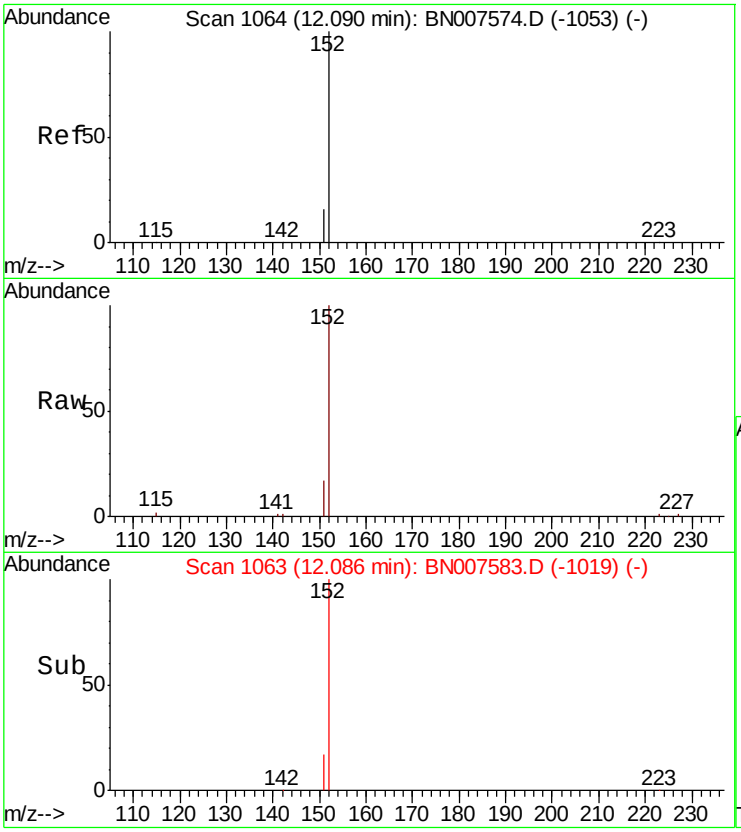


#9
Naphthalene
Concen: 0.036 ng
RT: 10.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:128 Resp: 2564

Ion	Ratio	Lower	Upper
128	100		
129	17.4	9.3	13.9#
127	17.3	11.0	16.4#



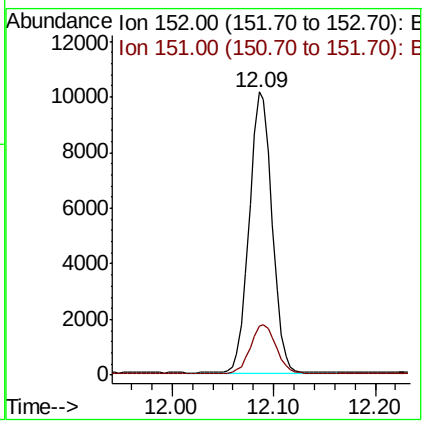


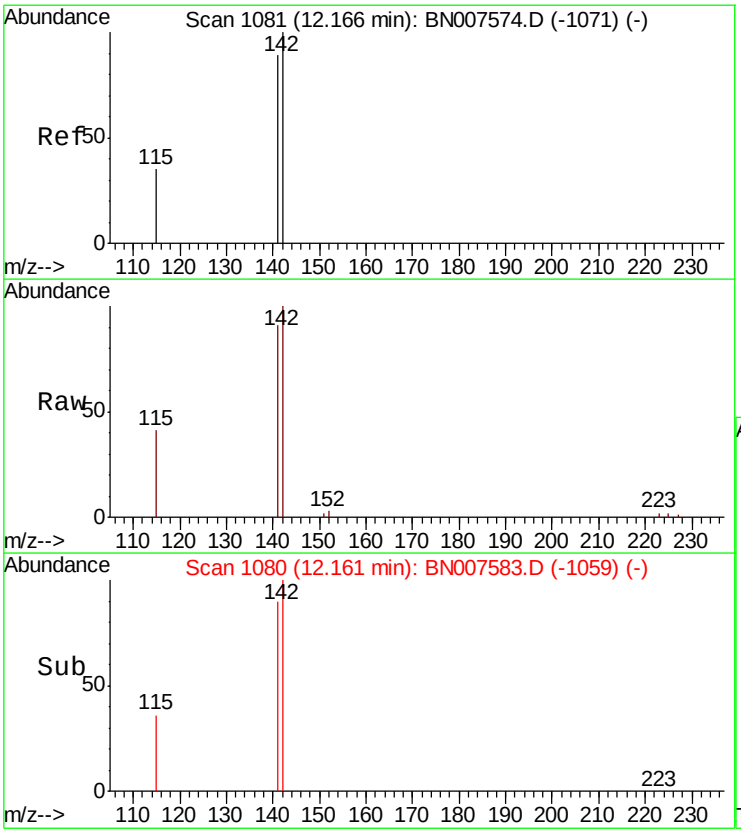
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.09 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 15876

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

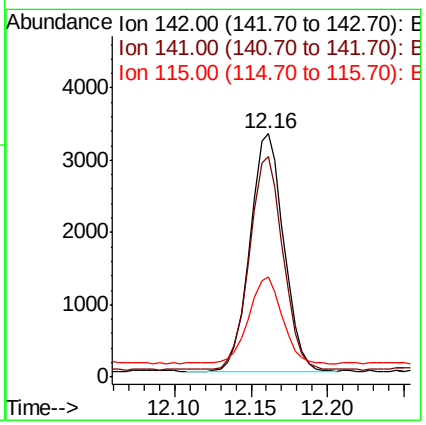


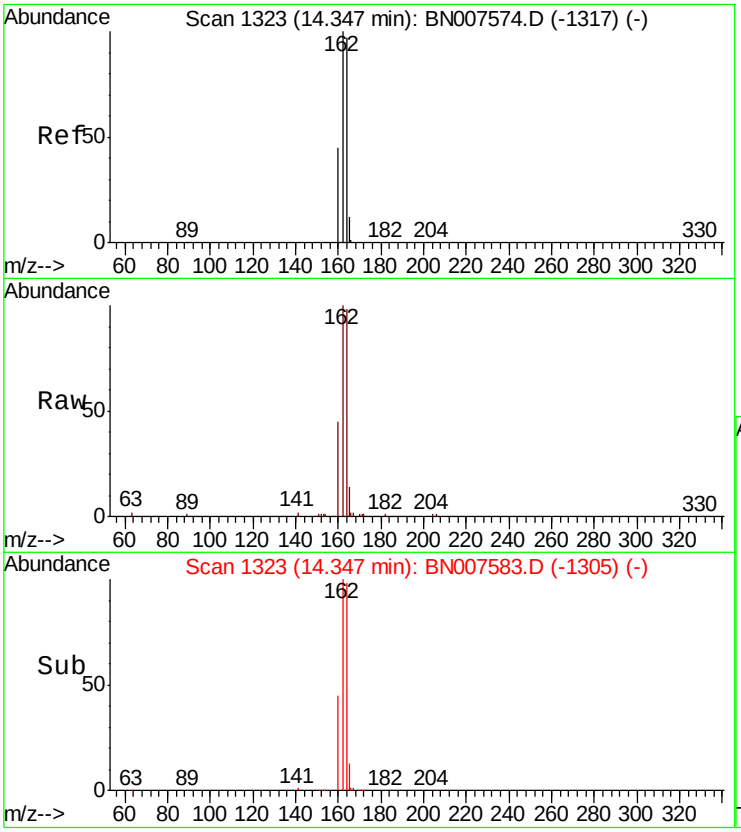


#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 12.16 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:142 Resp: 5062

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	41.0	29.1	43.7



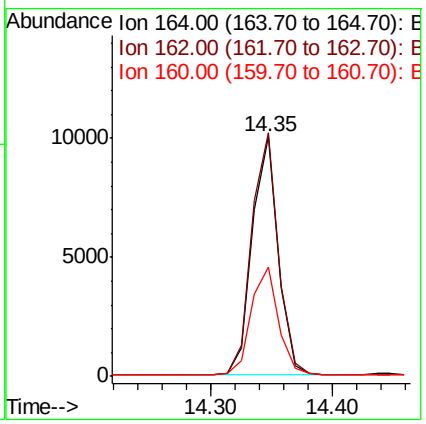


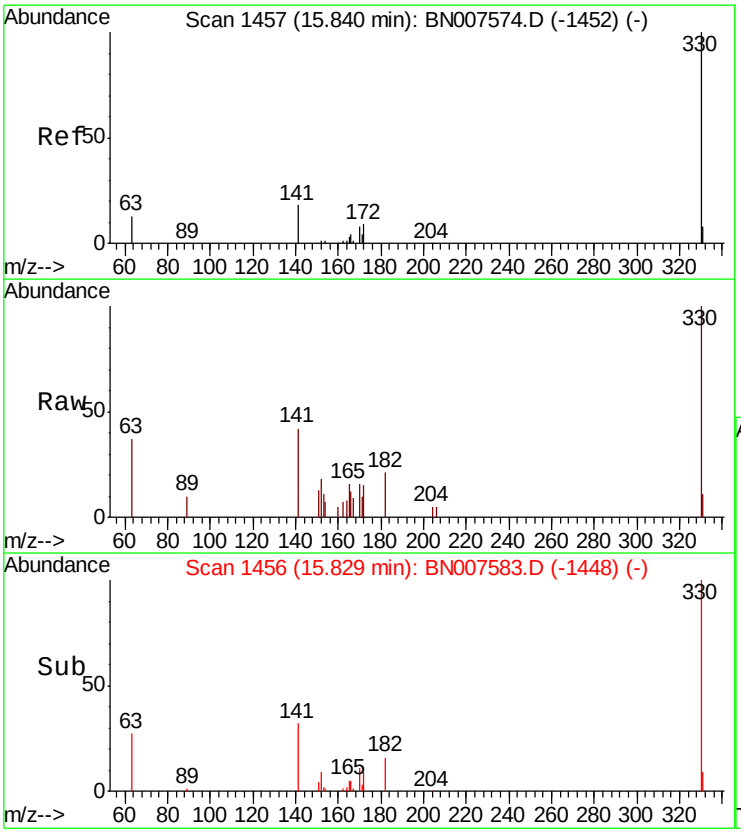
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 14848

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	45.7	37.4	56.0

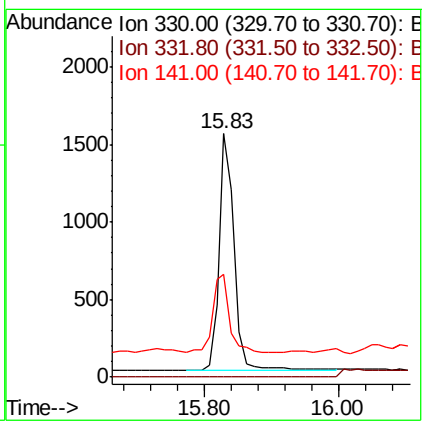


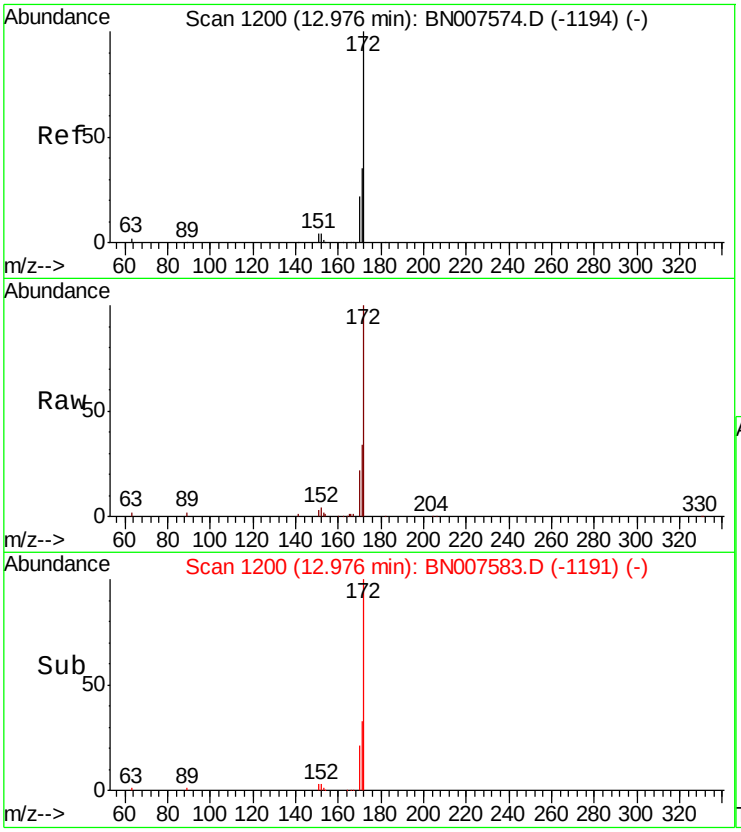


#14
2,4,6-Tribromophenol
Concen: 0.421 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:330 Resp: 2373

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.9	30.6	45.8



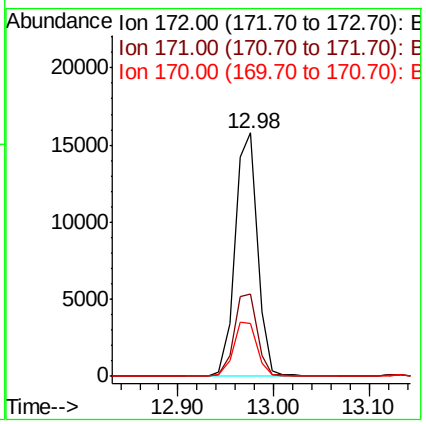


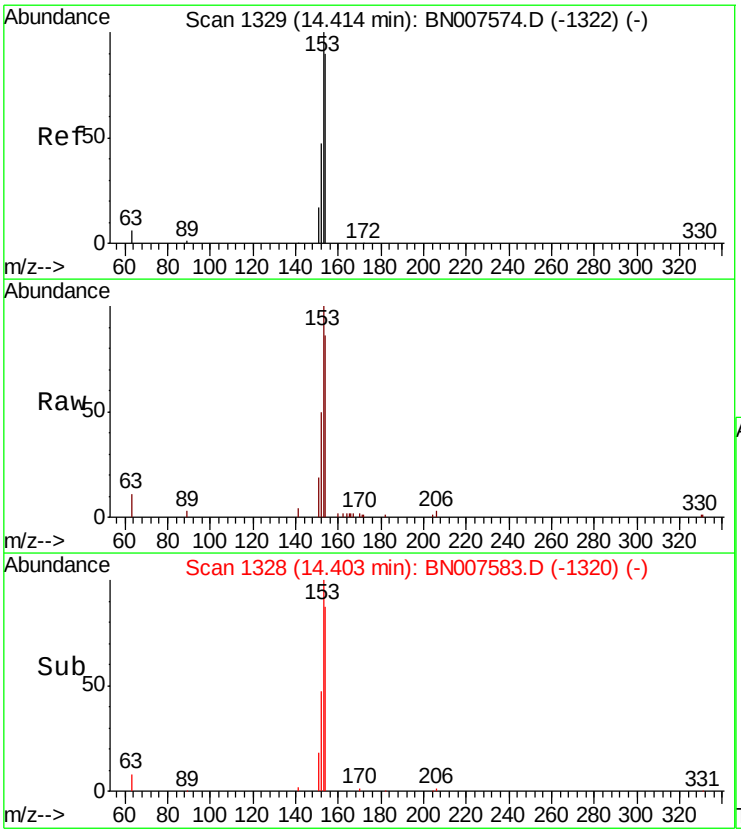
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.98 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 25413

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.2	42.2
170	21.6	18.3	27.5

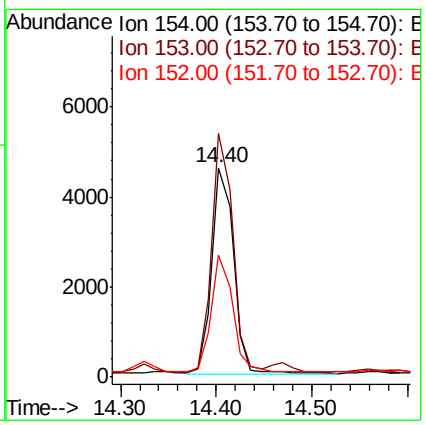


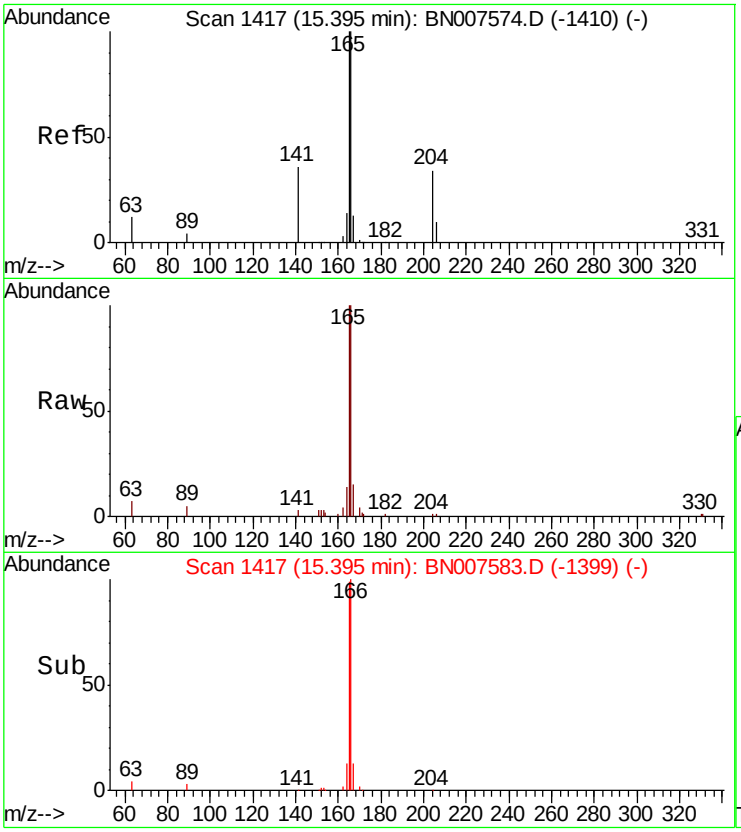


#17
Acenaphthene
Concen: 0.143 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:154 Resp: 7198

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.4	134.2
152	56.9	43.4	65.0



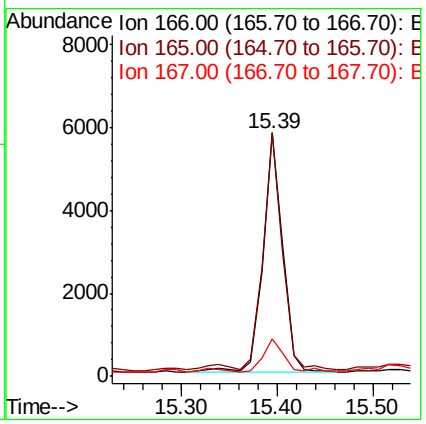


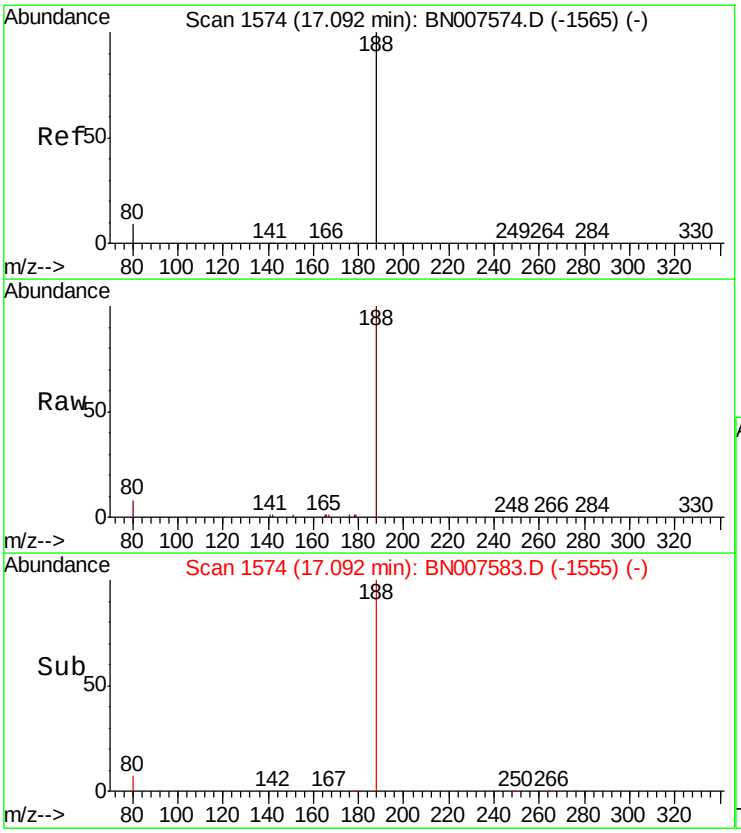
#18
Fluorene
Concen: 0.123 ng
RT: 15.39 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 8130

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.8	116.6
167	14.4	11.0	16.4

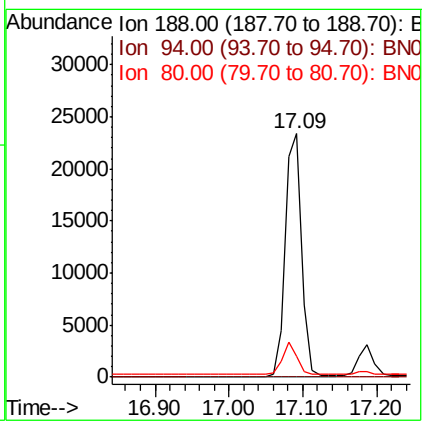


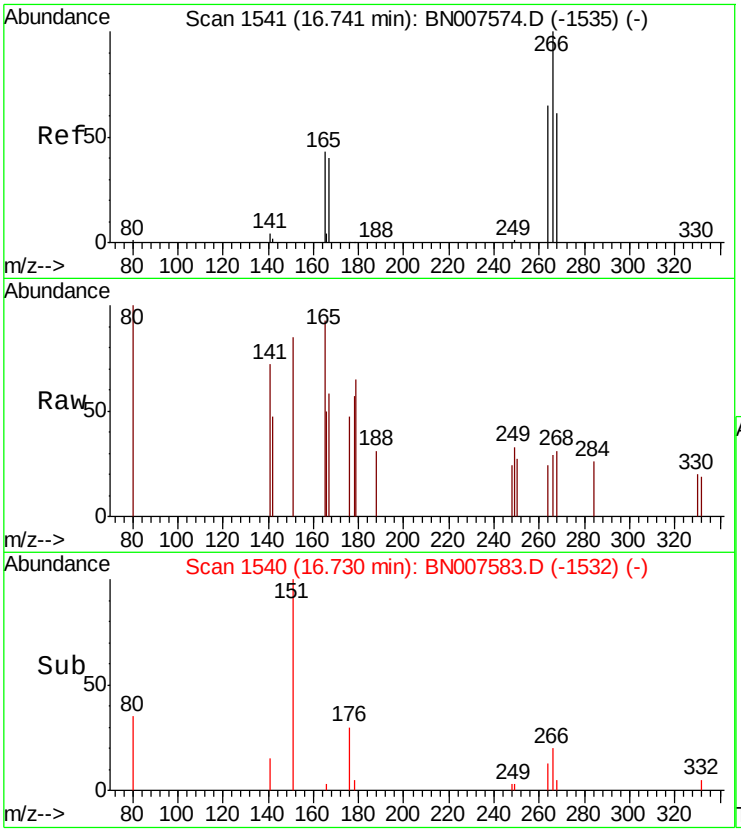


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:188 Resp: 36106

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	8.1	12.1



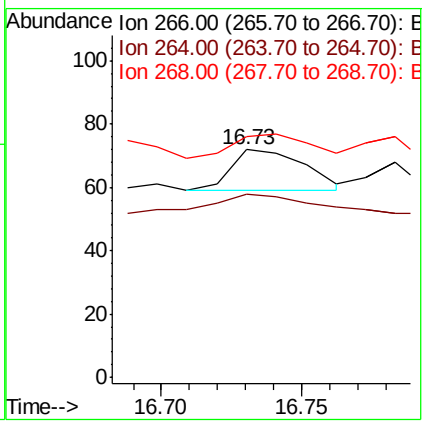


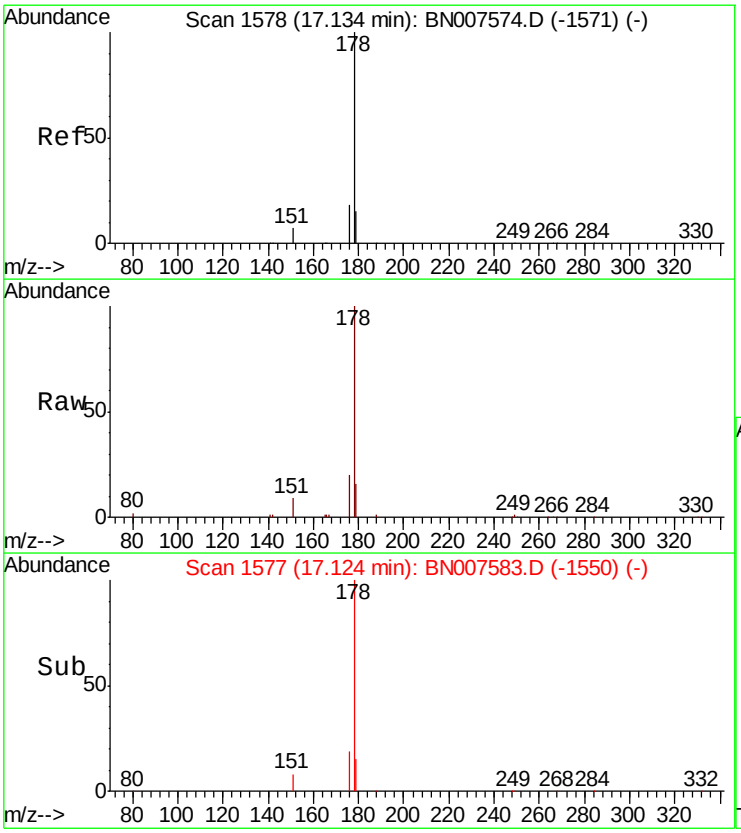
#22
Pentachlorophenol
Concen: 0.207 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 24

Ion	Ratio	Lower	Upper
266	100		
264	80.6	52.0	78.0#
268	105.6	53.5	80.3#

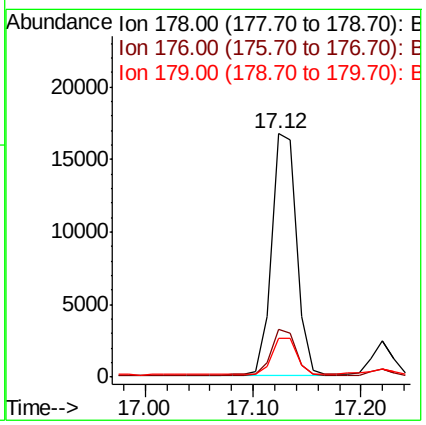


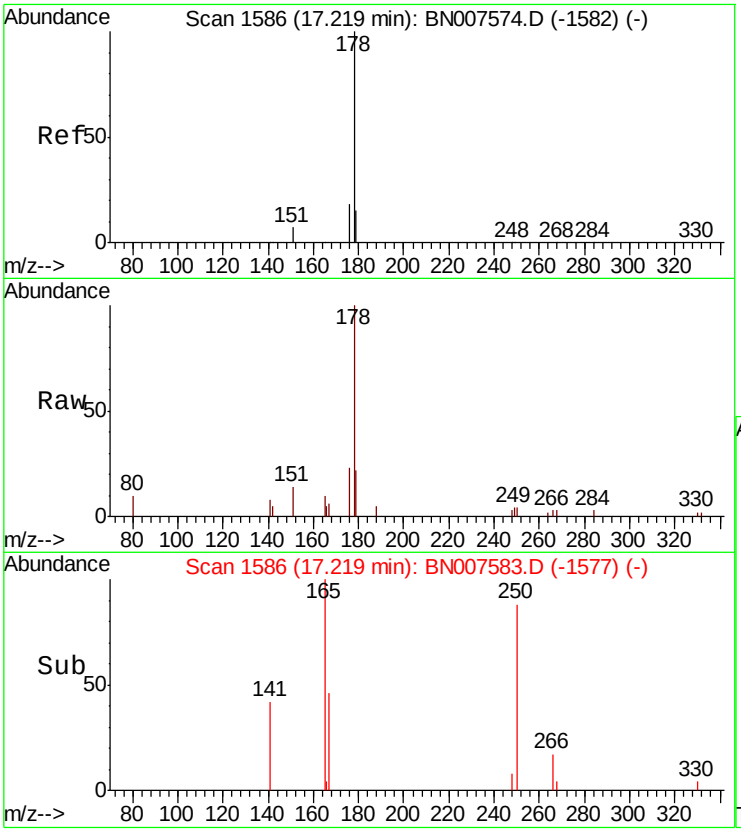


#23
Phenanthrene
Concen: 0.239 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:178 Resp: 26605

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.6	12.2	18.2



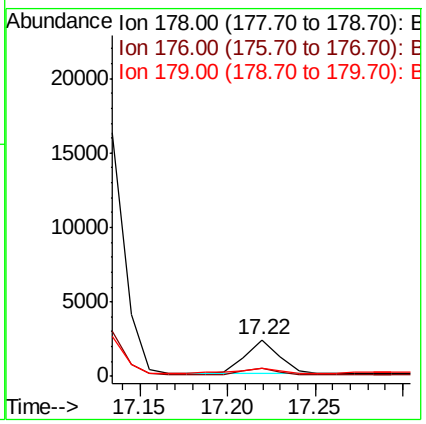


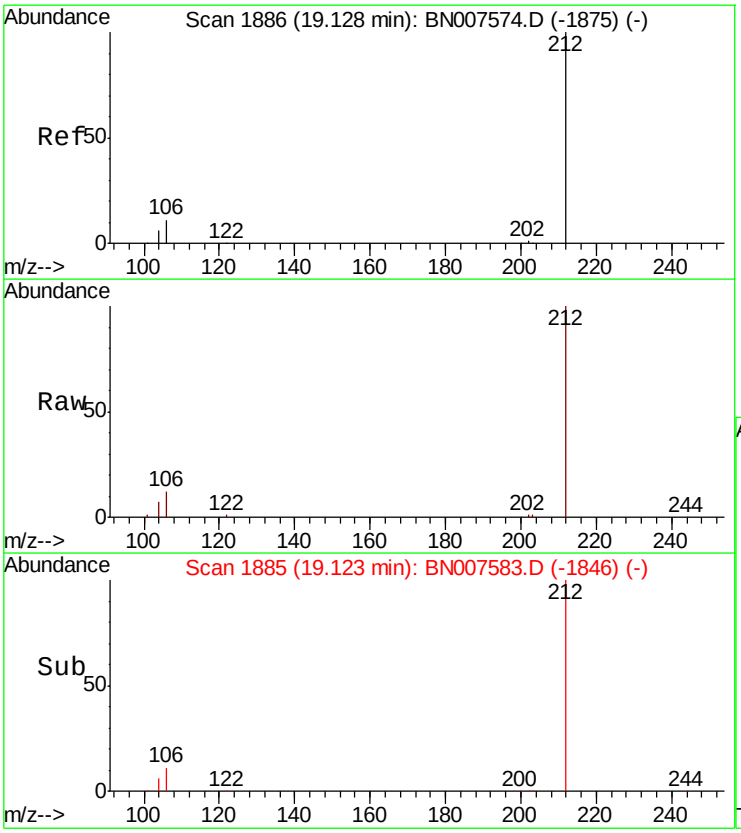
#24
Anthracene
Concen: 0.030 ng
RT: 17.22 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3082

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.4	21.6
179	21.9	12.5	18.7#

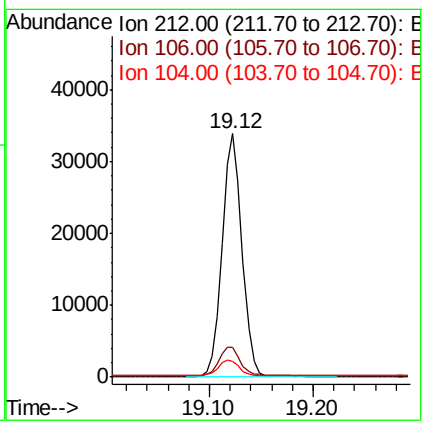


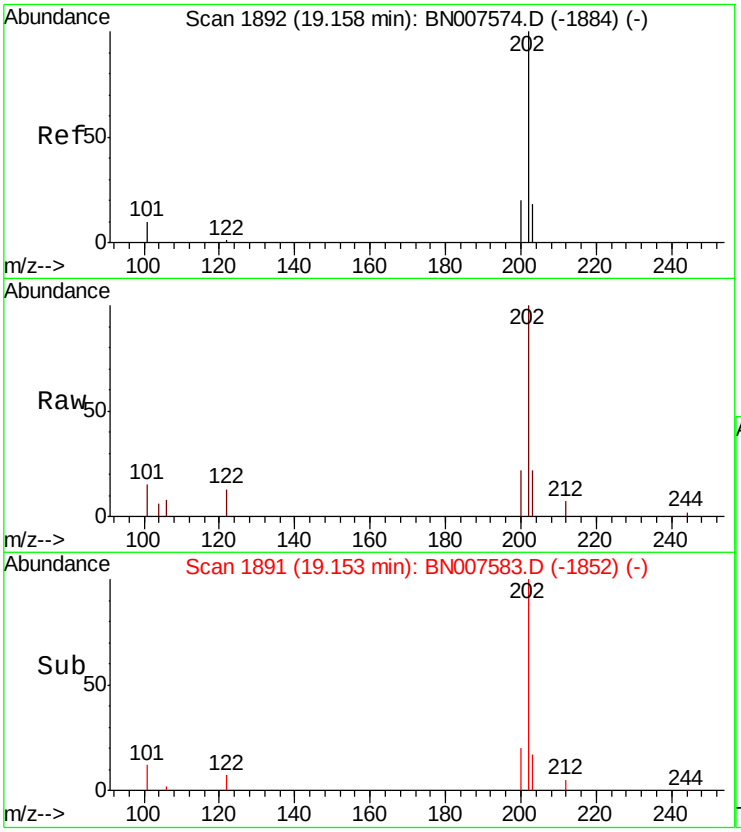


#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:212 Resp: 43797

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.7	14.5
104	6.7	5.5	8.3



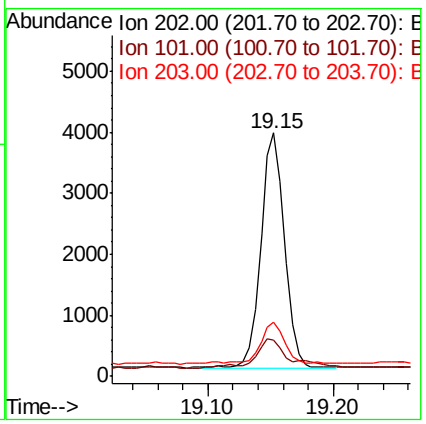


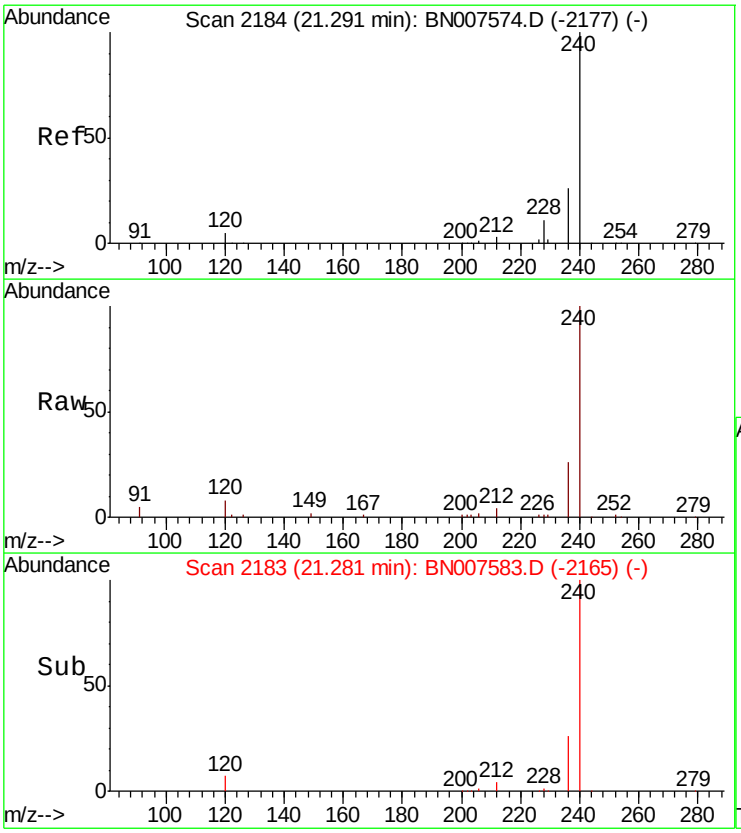
#26
Fluoranthene
Concen: 0.037 ng
RT: 19.15 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 5025

Ion	Ratio	Lower	Upper
202	100		
101	17.5	8.8	13.2#
203	17.5	13.8	20.8

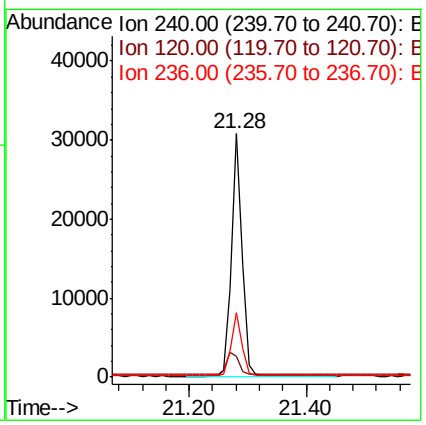


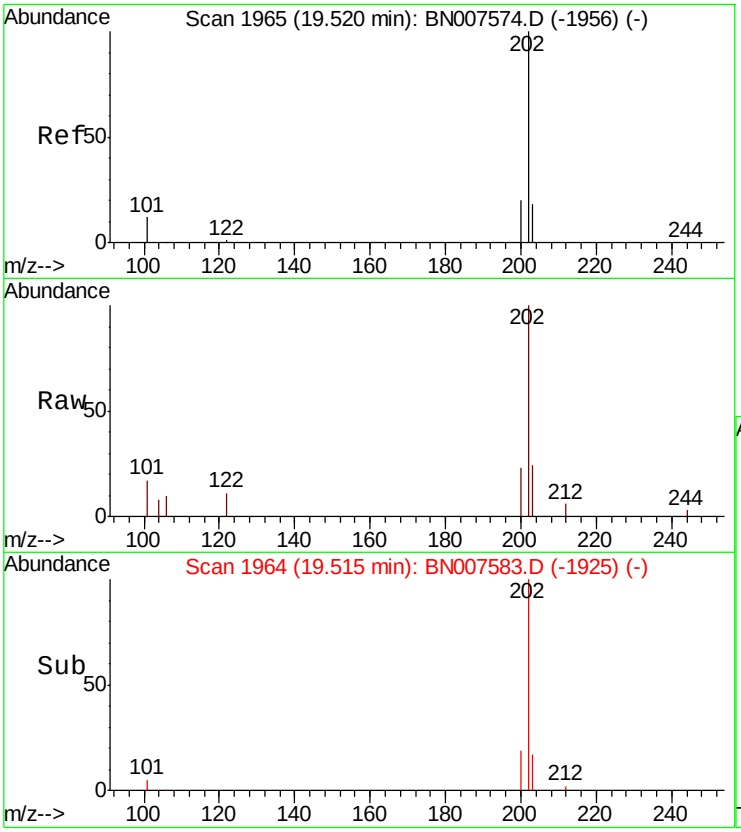


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:240 Resp: 37357

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.0	7.4#
236	26.4	20.6	31.0



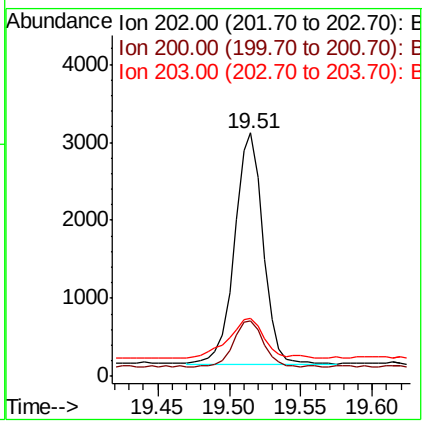


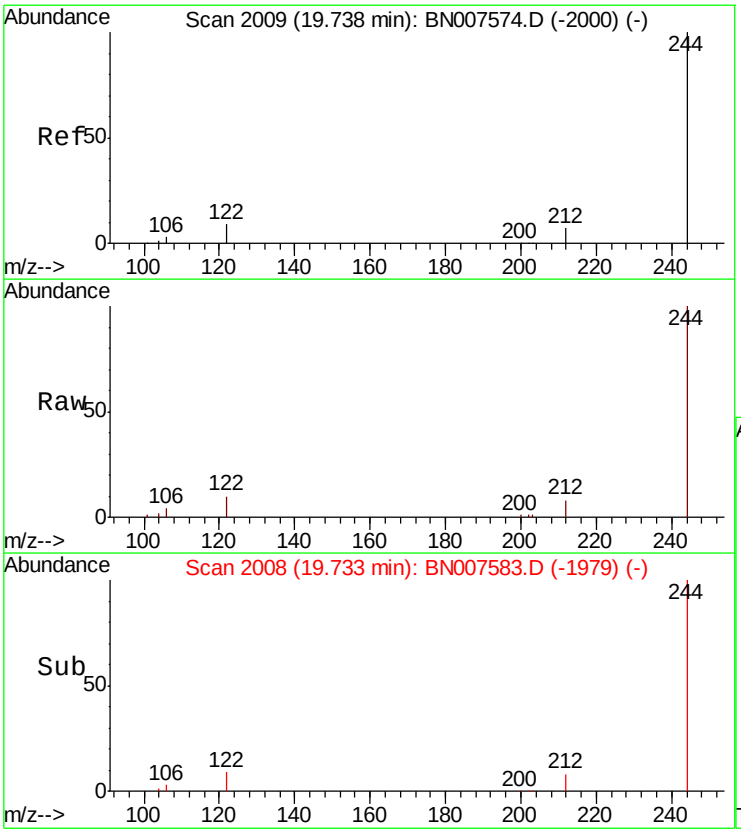
#28
Pyrene
Concen: 0.031 ng
RT: 19.51 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 4106

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	22.3	14.1	21.1#

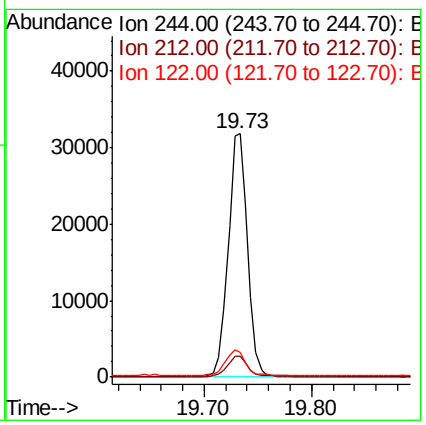


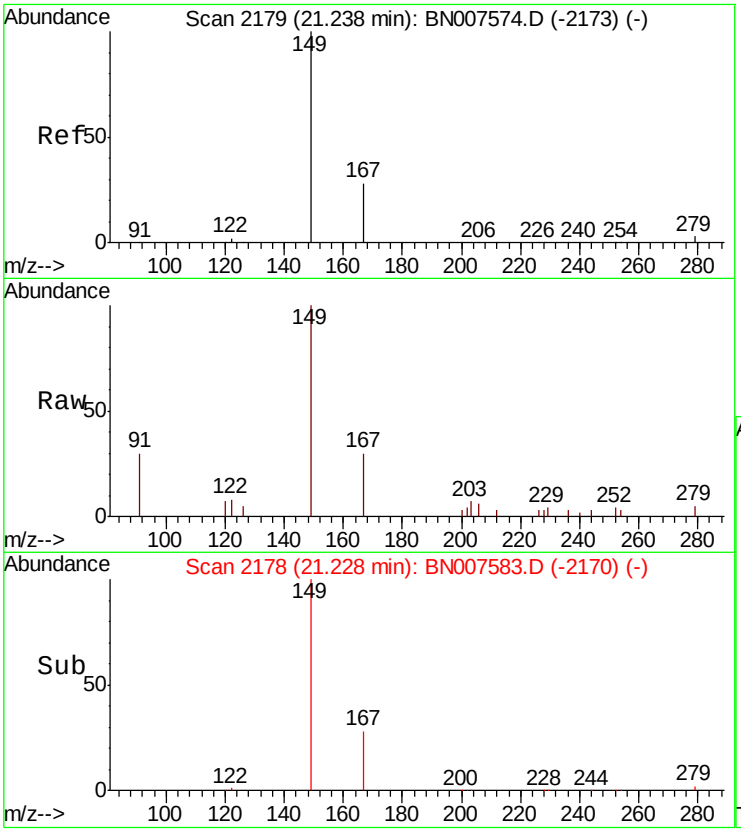


#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.73 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:244 Resp: 39309

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	9.9	7.8	11.6



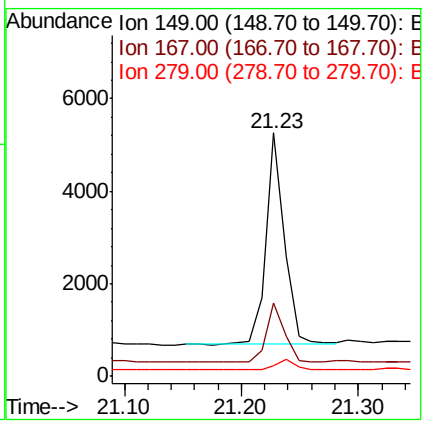


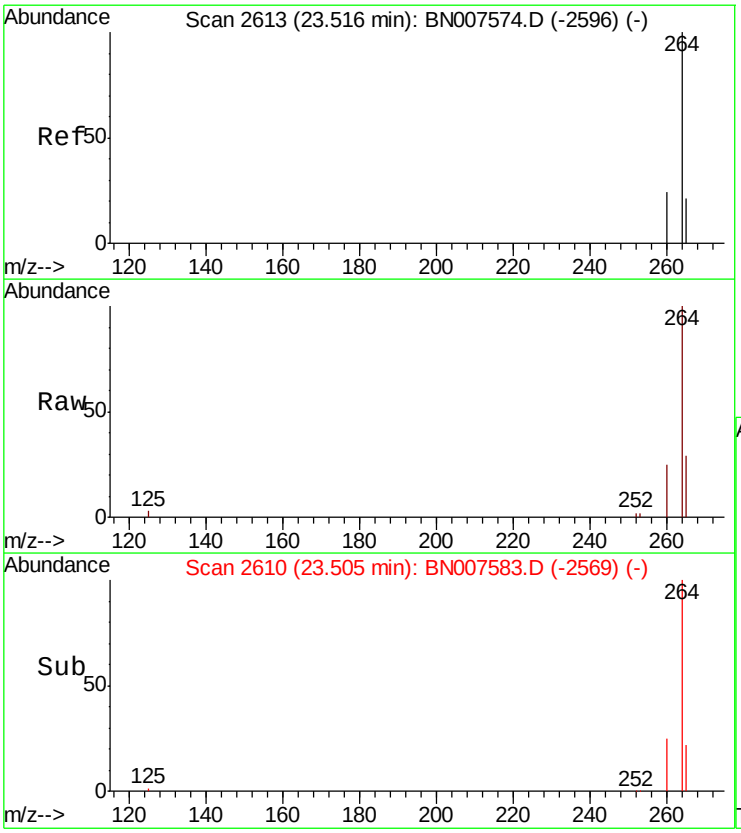
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 5047

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	5.6	3.9	5.9





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BN007583.D
Acq: 10 Sep 2019 19:42

Tgt Ion:264 Resp: 40305

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	29.0	25.6	38.4