Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092719\
Data File : BN007885.D
Acq On : 27 Sep 2019 13:30
Operator : JU
Sample : K4994-03DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 27 15:52:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7796	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	31734	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	19914	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	42465	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	45012	0.40	ng		-0.01
34) Perylene-d12	23.47	264	49752	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	244	0.01	ng		0.00
5) Phenol-d6	6.87	99	339	0.00	ng		0.00
8) Nitrobenzene-d5	8.83	82	338	0.01	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	464	0.01	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	89	0.01	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	745	0.01	ng		-0.01
25) Fluoranthene-d10	19.09	212	1231	0.01	ng		-0.01
29) Terphenyl-d14	19.70	244	1467	0.01	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	3972	0.998	ng		88
9) Naphthalene	10.51	128	6360	0.071	ng	#	94
12) 2-Methylnaphthalene	12.13	142	5299	0.088	ng		98
16) Acenaphthylene	14.03	152	40865	0.387	ng		99
17) Acenaphthene	14.38	154	6184	0.091	ng		96
18) Fluorene	15.36	166	13123	0.150	ng		89
23) Phenanthrene	17.10	178	377175	2.851	ng		100
24) Anthracene	17.19	178	58316	0.488	ng		98
26) Fluoranthene	19.12	202	578244	3.515	ng		99
28) Pyrene	19.49	202	846452	5.514	ng	#	96
30) Benzo(a)anthracene	21.24	228	392621	2.369	ng		97
31) Chrysene	21.29	228	460744	2.852	ng		99
32) Bis(2-ethylhexyl)phthalate	21.19	149	14557	0.171	ng	#	89
33) Indeno(1,2,3-cd)pyrene	25.68	276	193298	0.956	ng		97
35) Benzo(b)fluoranthene	22.82	252	412876	2.390	ng		100
36) Benzo(k)fluoranthene	22.82	252	412876	2.417	ng		99
37) Benzo(a)pyrene	23.38	252	330881	2.039	ng		98
38) Dibenzo(a,h)anthracene	25.69	278	59865	0.360	ng	#	92
39) Benzo(g,h,i)perylene	26.35	276	229159	1.394	ng		99

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

Quantitation Report (Not Reviewed)

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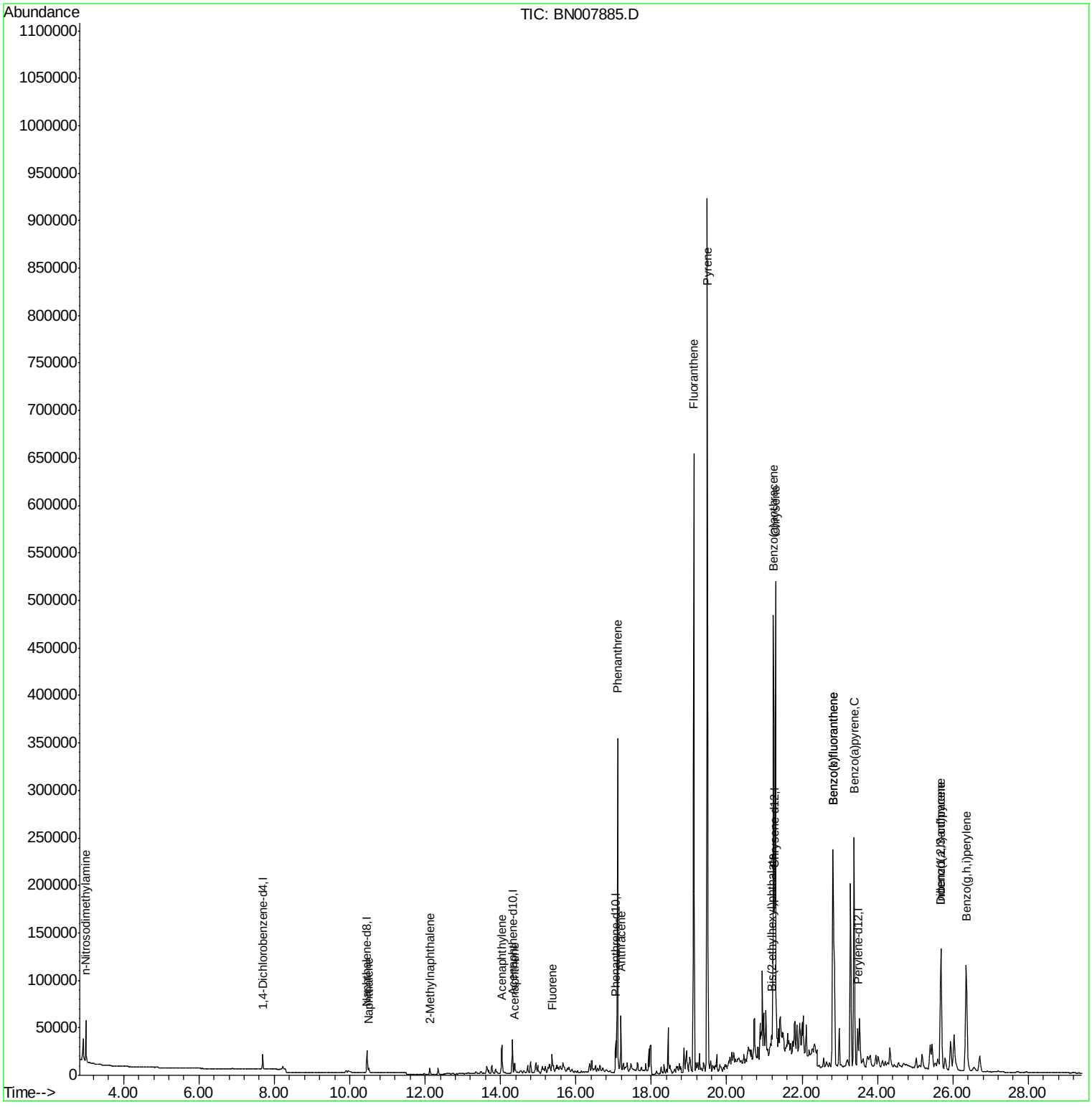
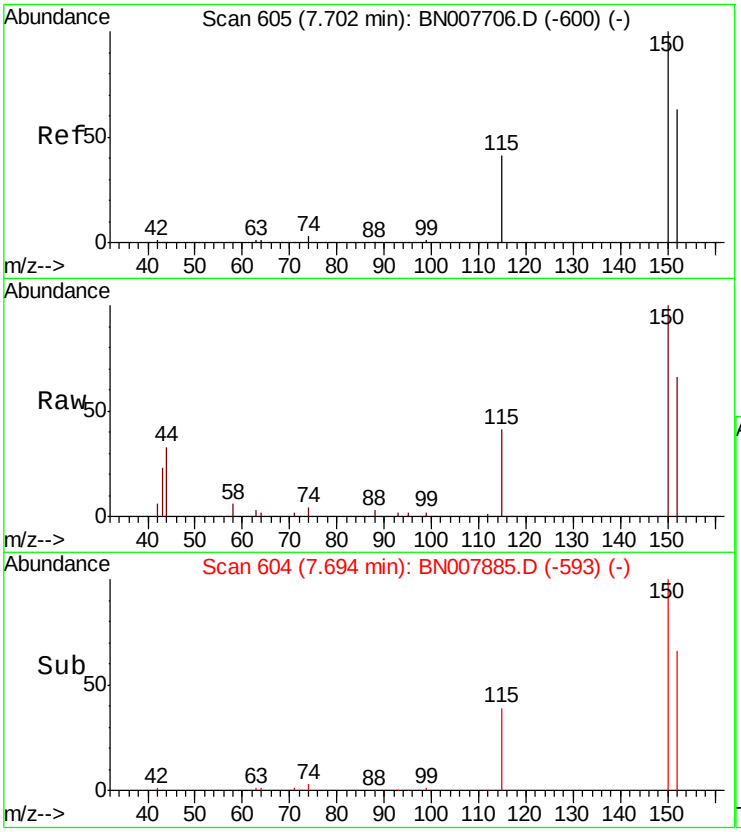
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



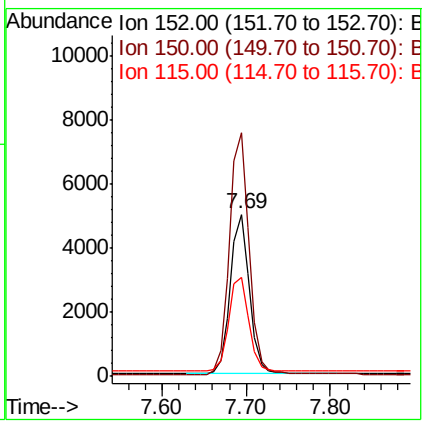


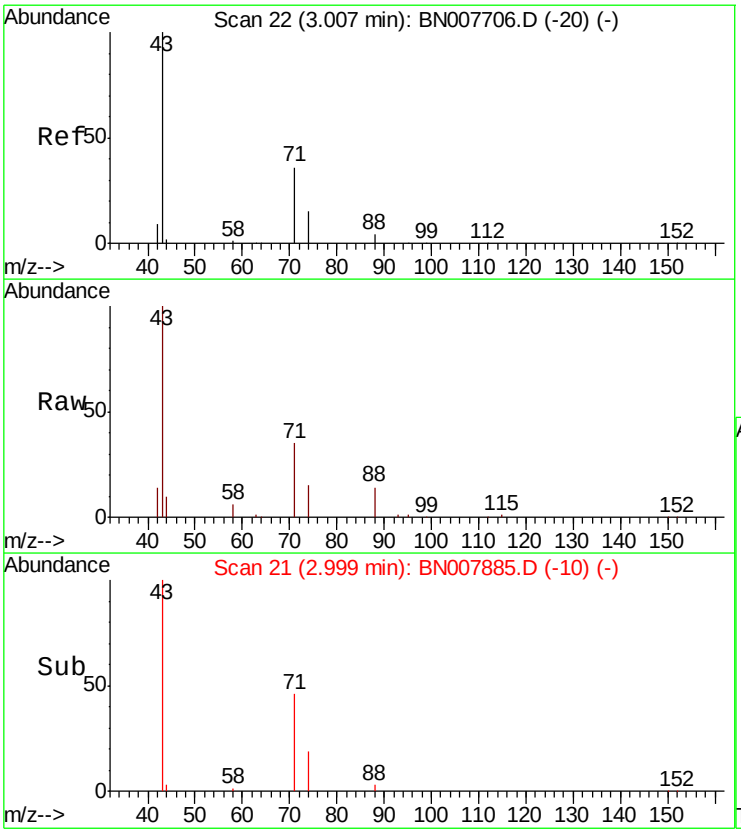
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7796

Ion	Ratio	Lower	Upper
152	100		
150	150.5	125.6	188.4
115	61.4	53.3	79.9

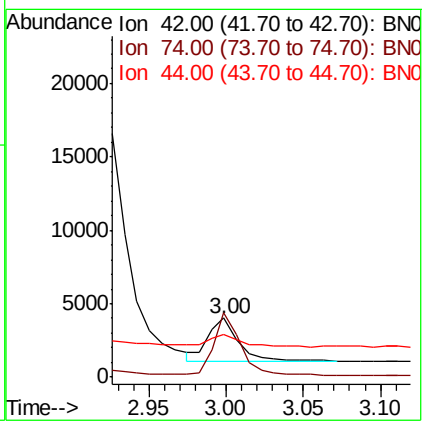


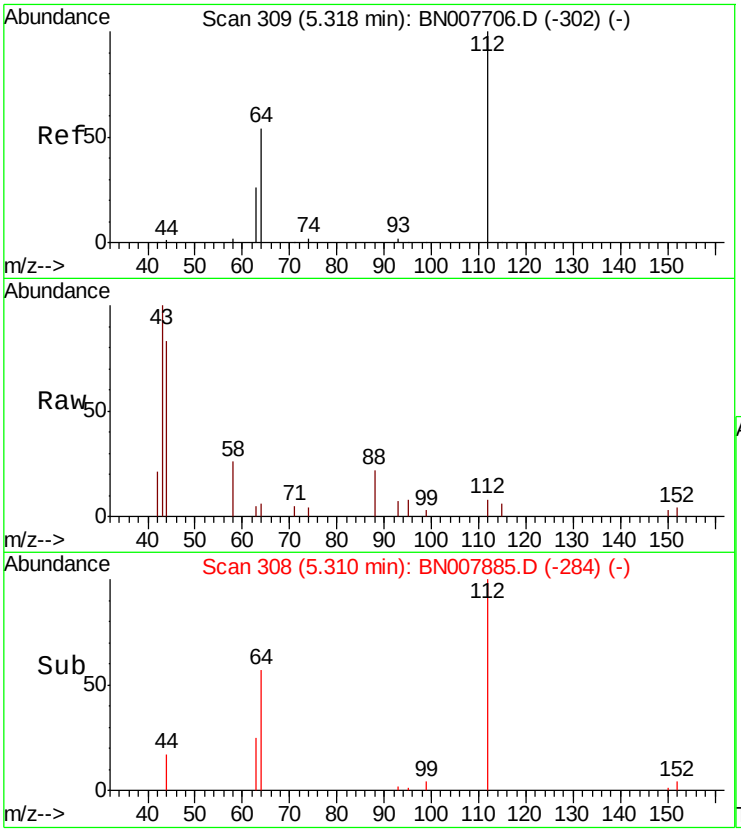


#3
n-Nitrosodimethylamine
Concen: 0.998 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion: 42 Resp: 3972

Ion	Ratio	Lower	Upper
42	100		
74	123.6	87.9	131.9
44	31.8	29.4	44.0



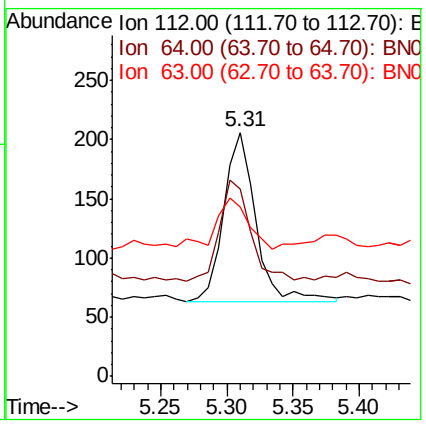


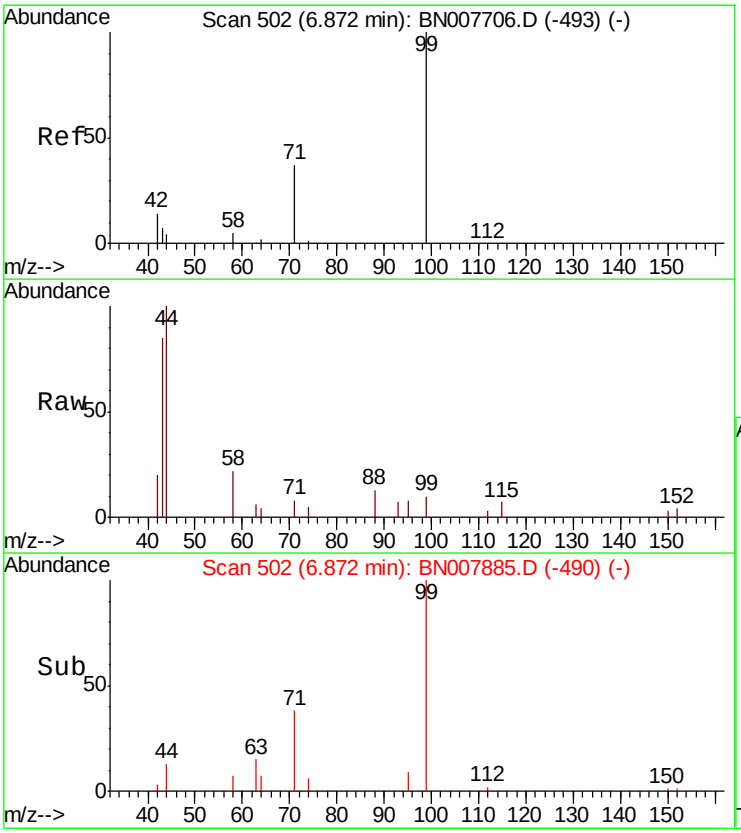
#4
2-Fluorophenol
Concen: 0.009 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 244

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.6	70.0
63	29.5	23.1	34.7

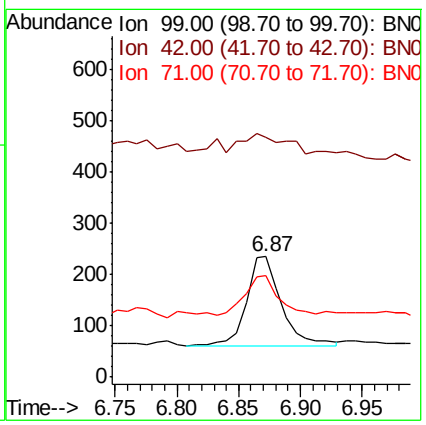


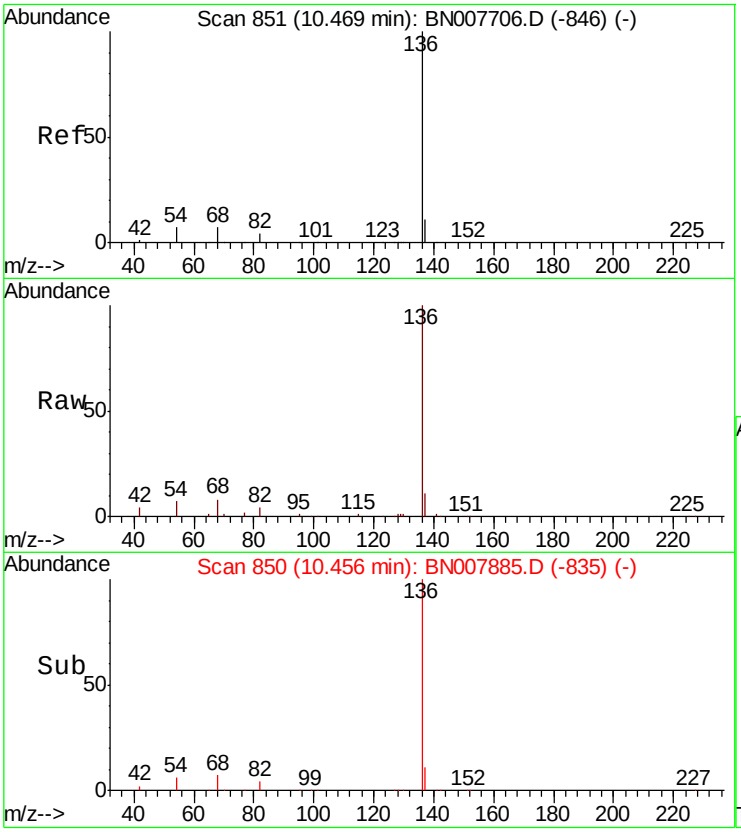


#5
Phenol-d6
Concen: 0.004 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion: 99 Resp: 339

Ion	Ratio	Lower	Upper
99	100		
42	26.3	12.8	19.2#
71	43.7	27.6	41.4#



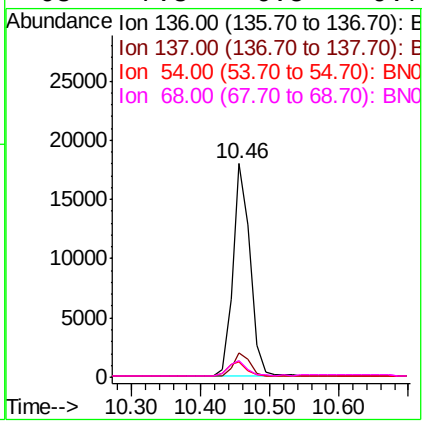


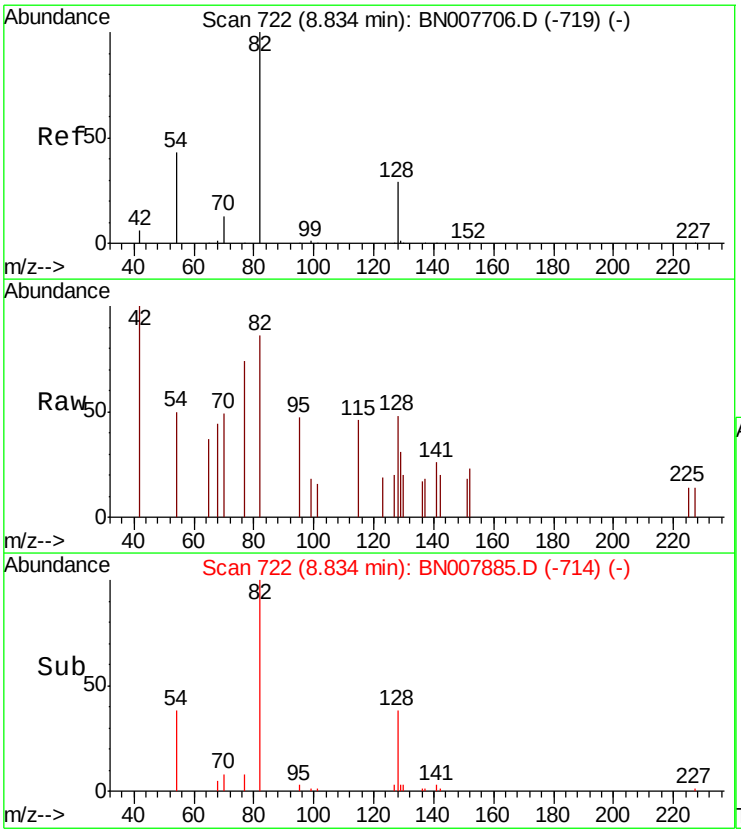
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 31734

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.1	5.8	8.8
68	7.8	6.5	9.7

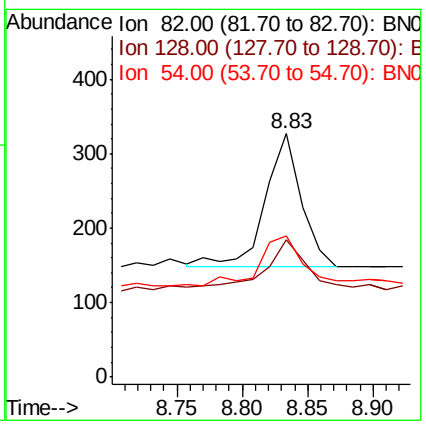


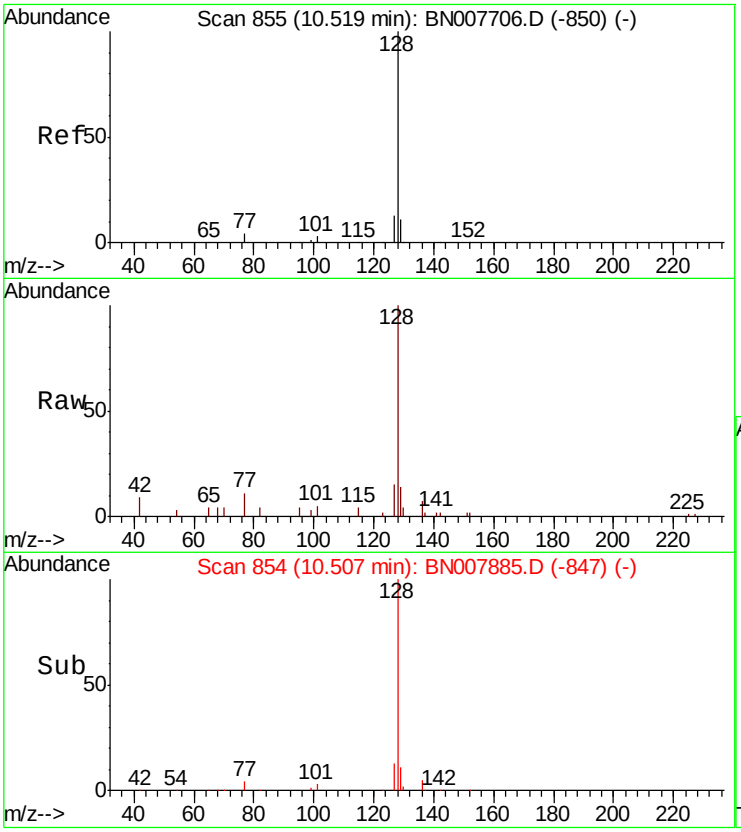


#8
Nitrobenzene-d5
Concen: 0.012 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion: 82 Resp: 338

Ion	Ratio	Lower	Upper
82	100		
128	56.3	24.5	36.7#
54	58.1	35.2	52.8#



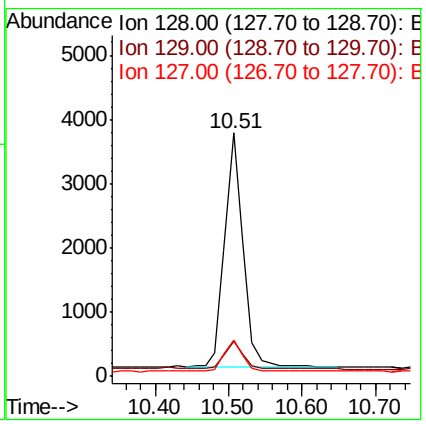


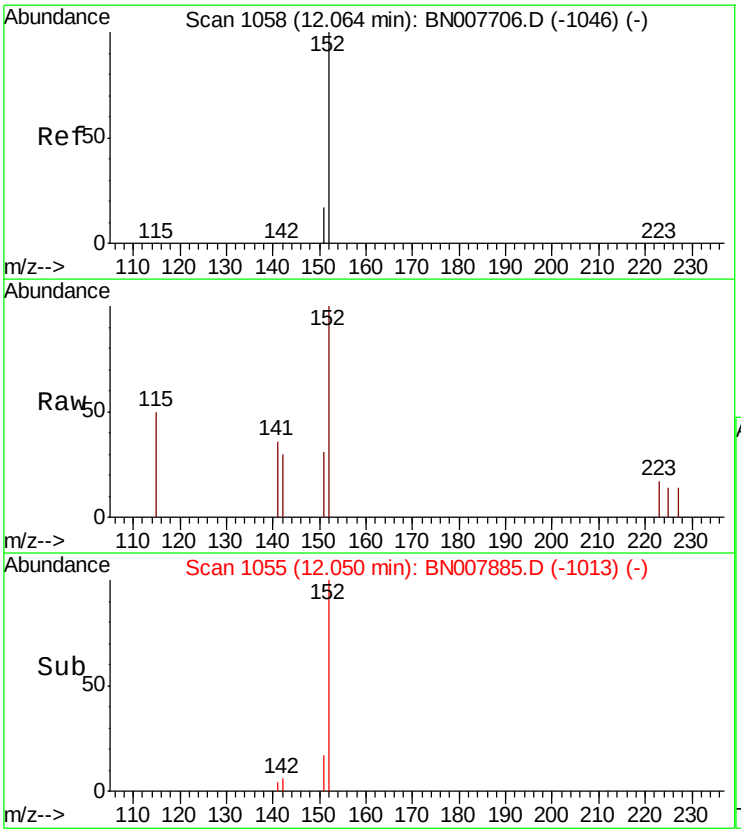
#9
Naphthalene
Concen: 0.071 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6360

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.1	13.7#
127	14.9	10.6	15.8

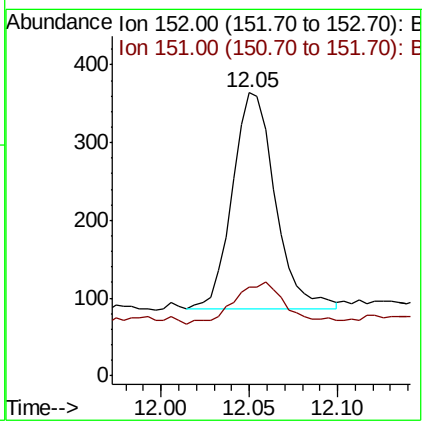


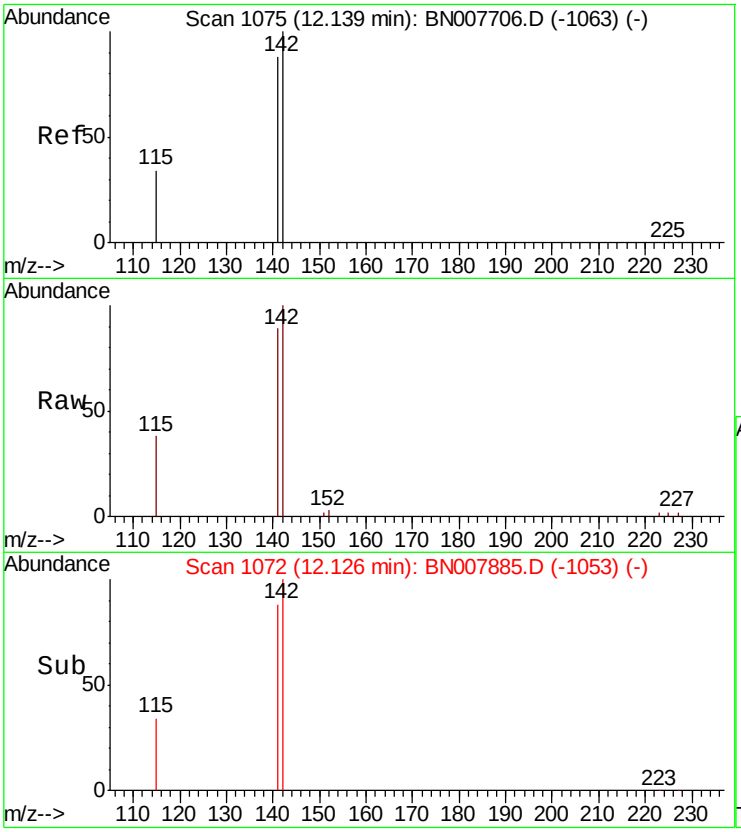


#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:152 Resp: 464

Ion	Ratio	Lower	Upper
152	100		
151	23.5	15.4	23.2#



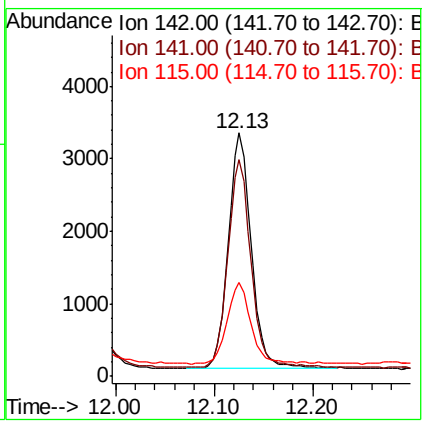


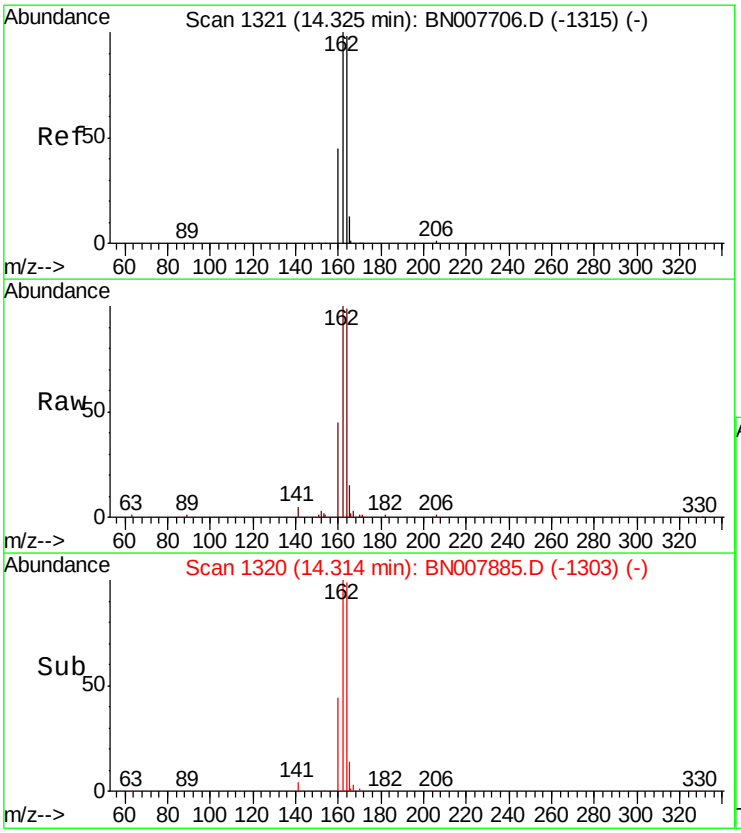
#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 5299

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	106.0
115	38.4	28.3	42.5

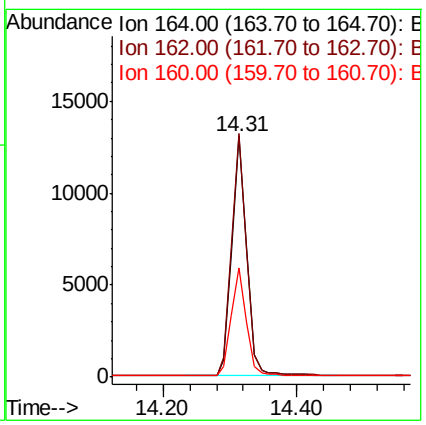


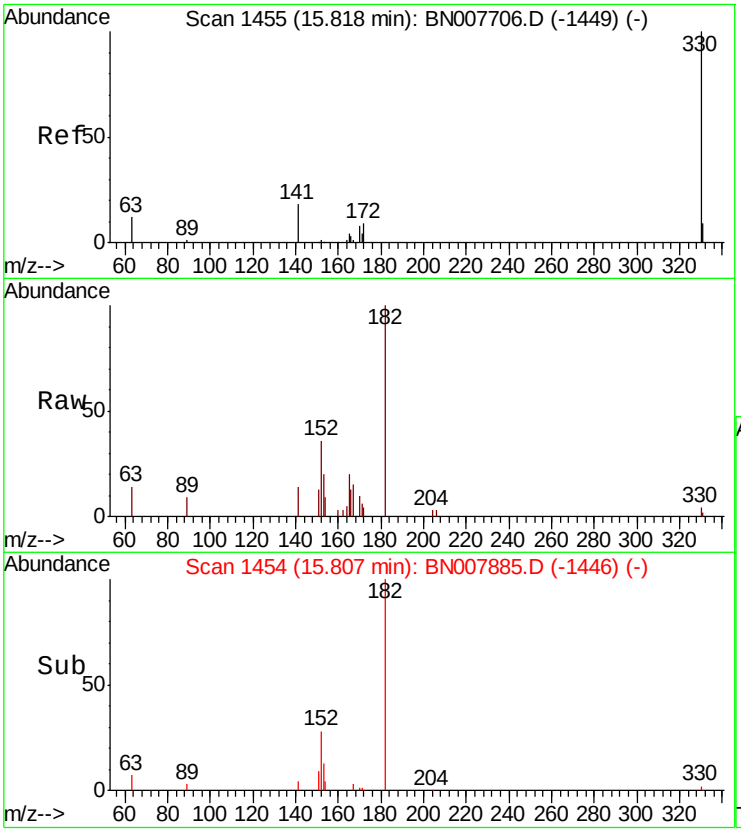


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:164 Resp: 19914

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.7	122.5
160	45.4	37.0	55.4



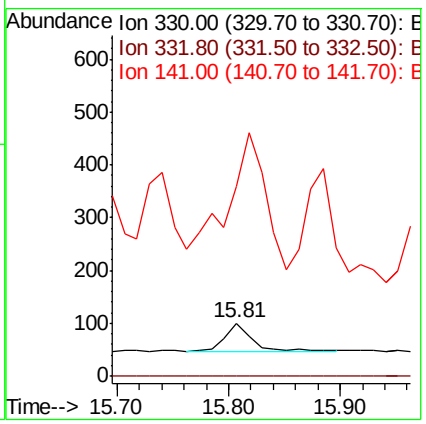


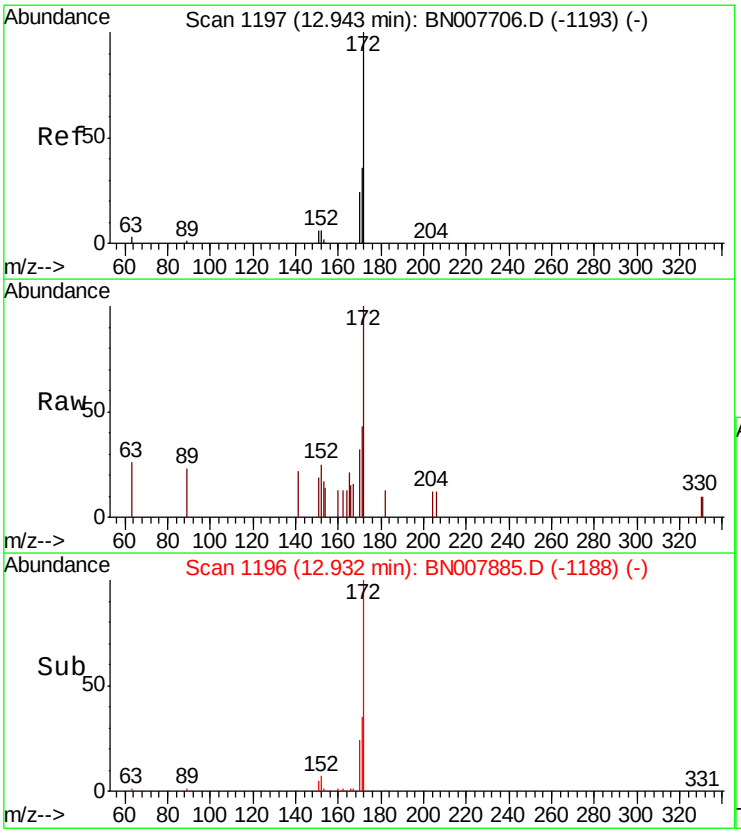
#14
2,4,6-Tribromophenol
Concen: 0.008 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 89

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	694.4	28.7	43.1#

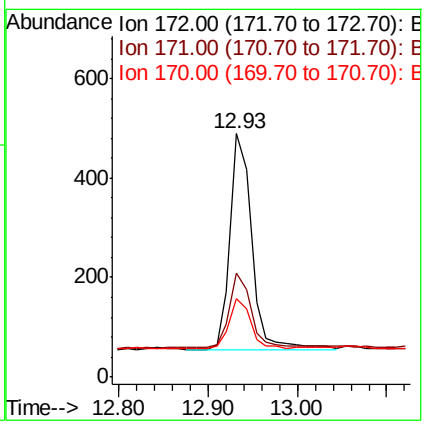


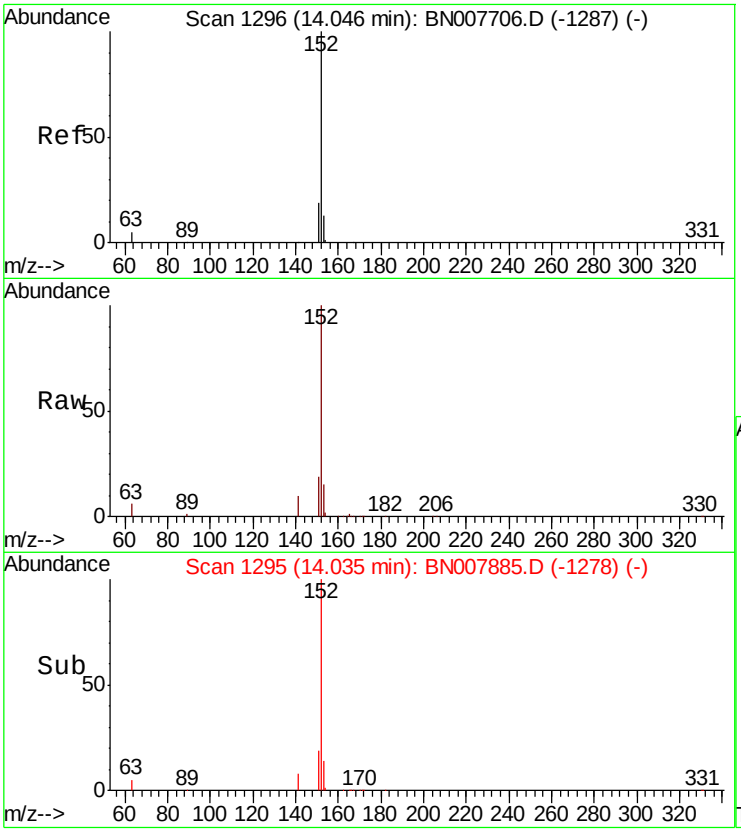


#15
2-Fluorobiphenyl
Concen: 0.009 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:172 Resp: 745

Ion	Ratio	Lower	Upper
172	100		
171	42.7	28.8	43.2
170	32.3	19.5	29.3#



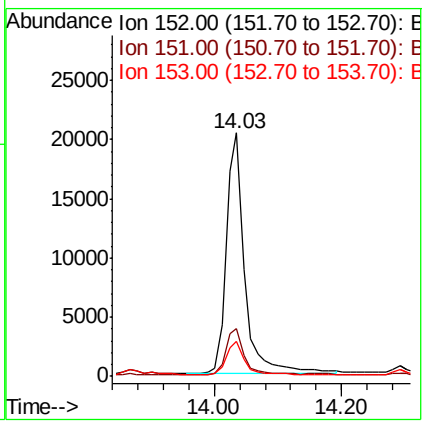


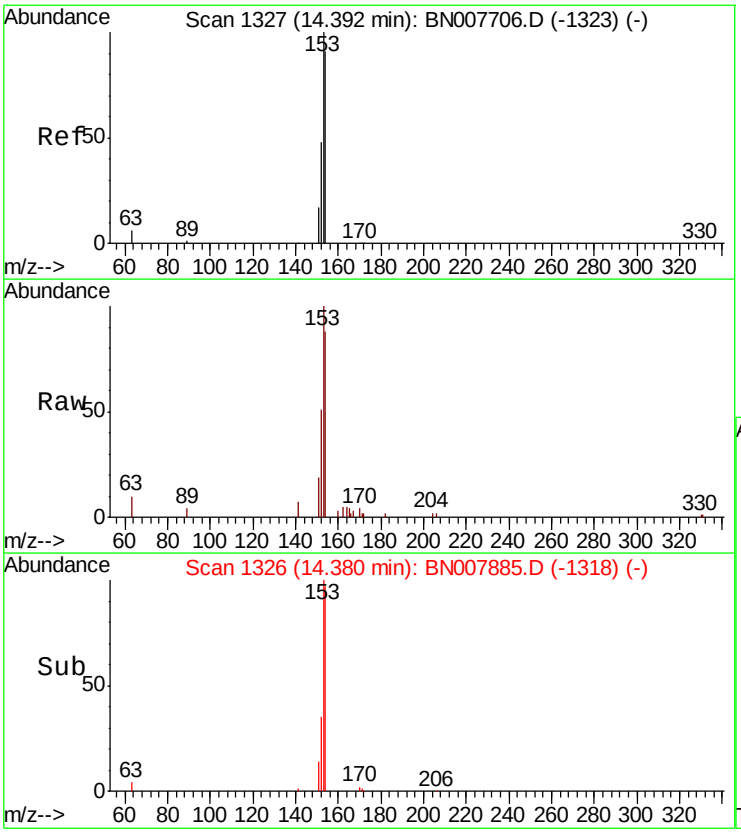
#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 40865

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	14.1	10.4	15.6

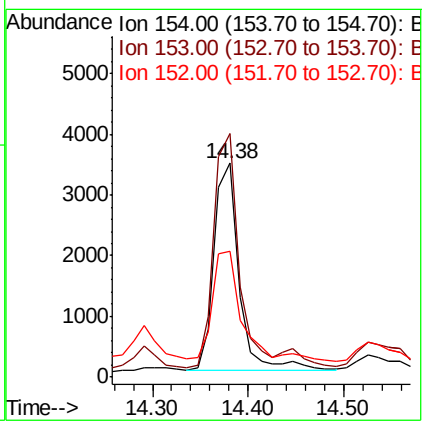


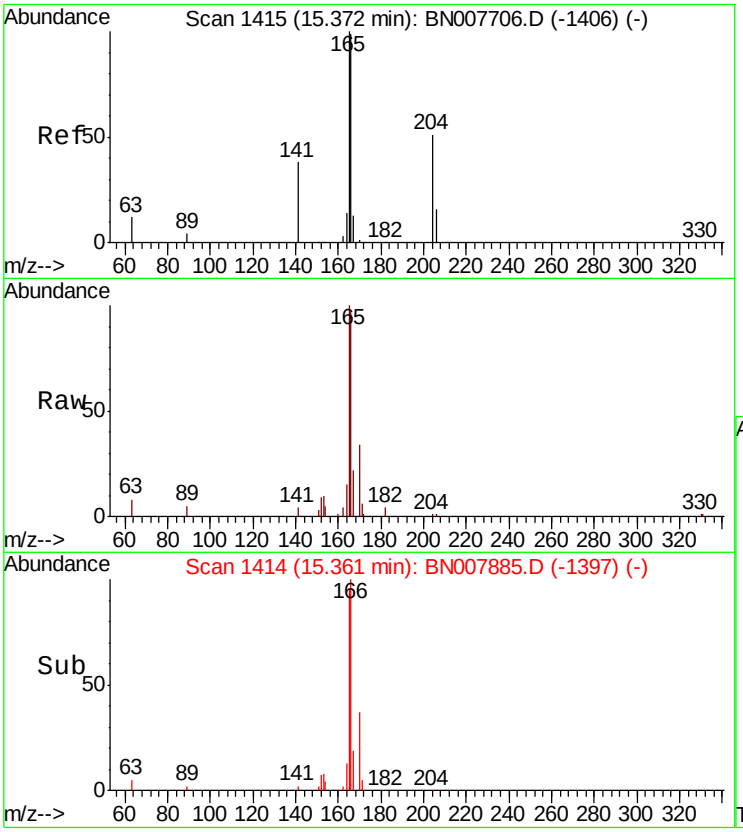


#17
Acenaphthene
Concen: 0.091 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:154 Resp: 6184

Ion	Ratio	Lower	Upper
154	100		
153	113.2	87.0	130.4
152	56.3	42.7	64.1



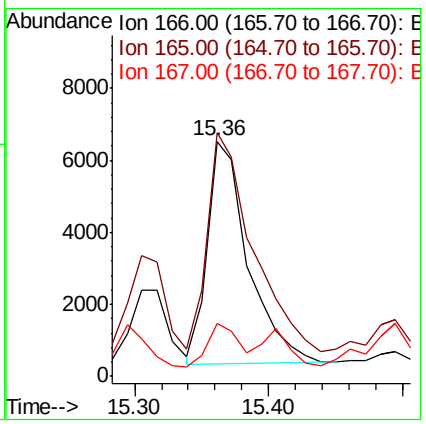


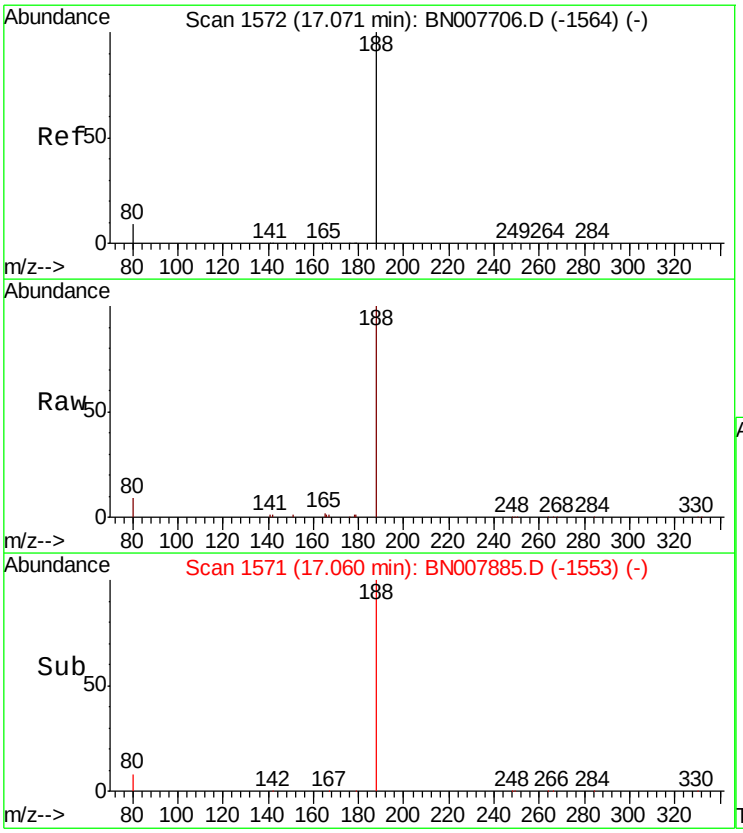
#18
Fluorene
Concen: 0.150 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 13123

Ion	Ratio	Lower	Upper
166	100		
165	109.4	78.0	117.0
167	15.0	10.9	16.3

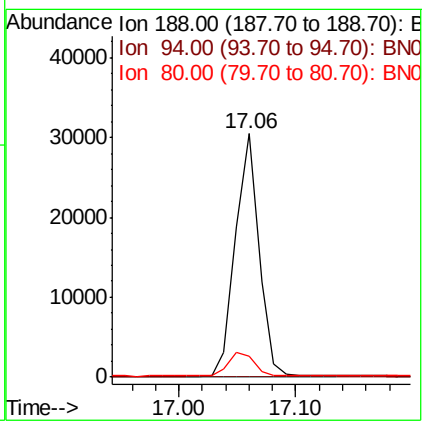


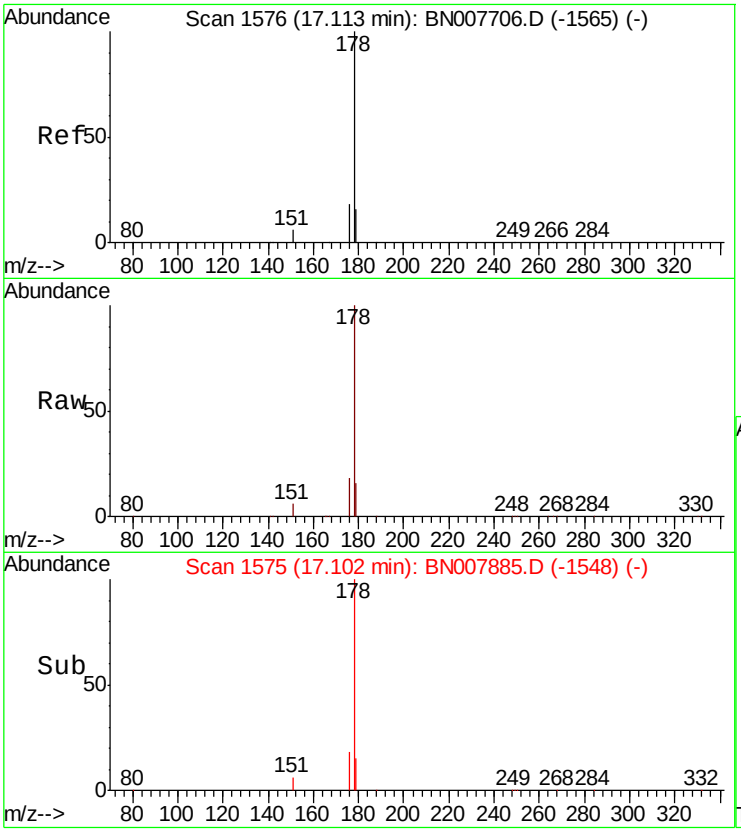


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:188 Resp: 42465

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.4	11.2



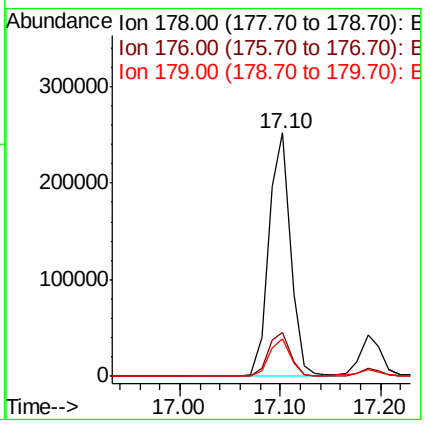


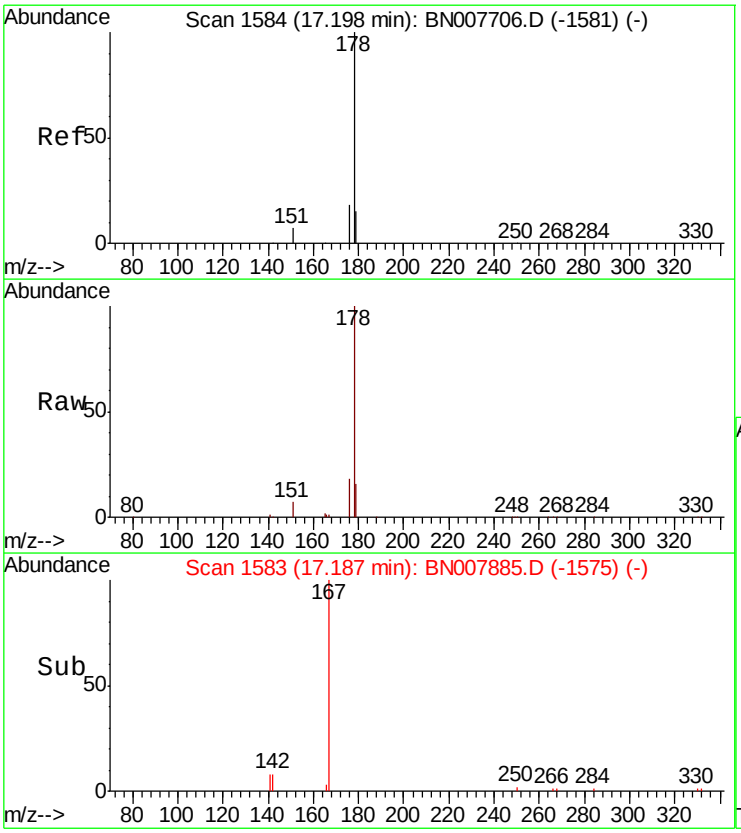
#23
Phenanthrene
Concen: 2.851 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 377175

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7

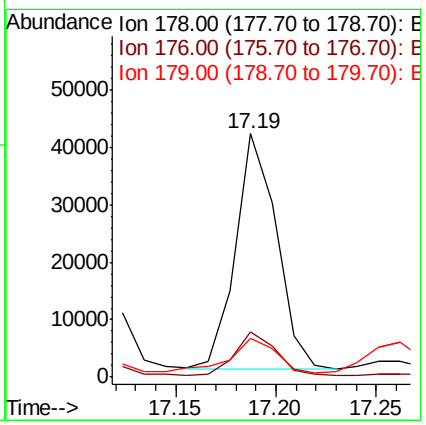


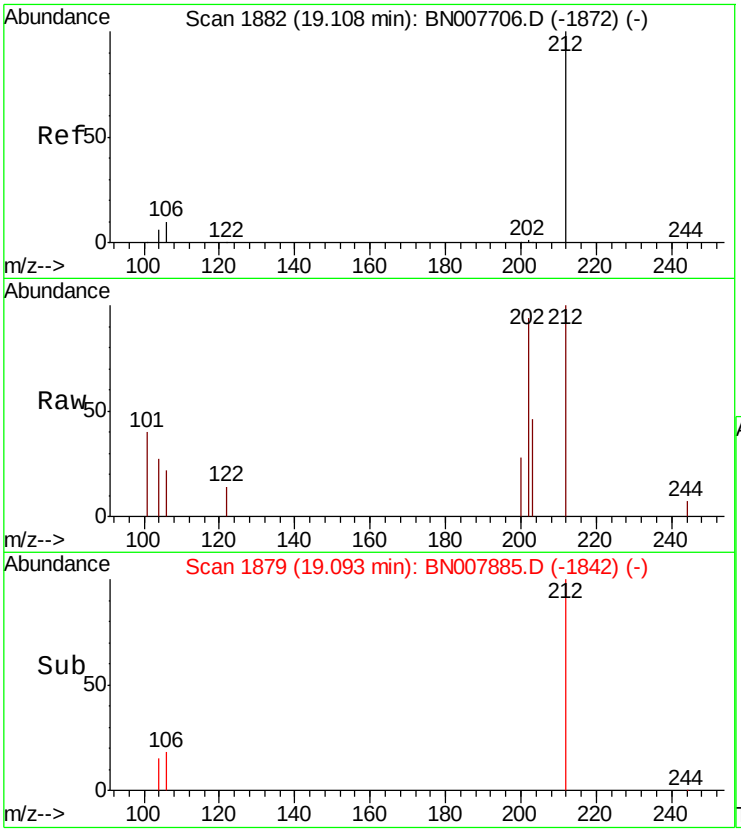


#24
Anthracene
Concen: 0.488 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:178 Resp: 58316

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	16.6	12.2	18.4



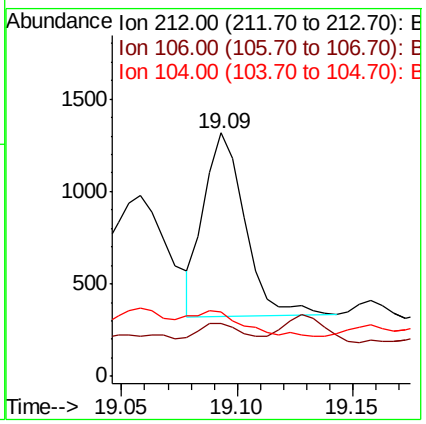


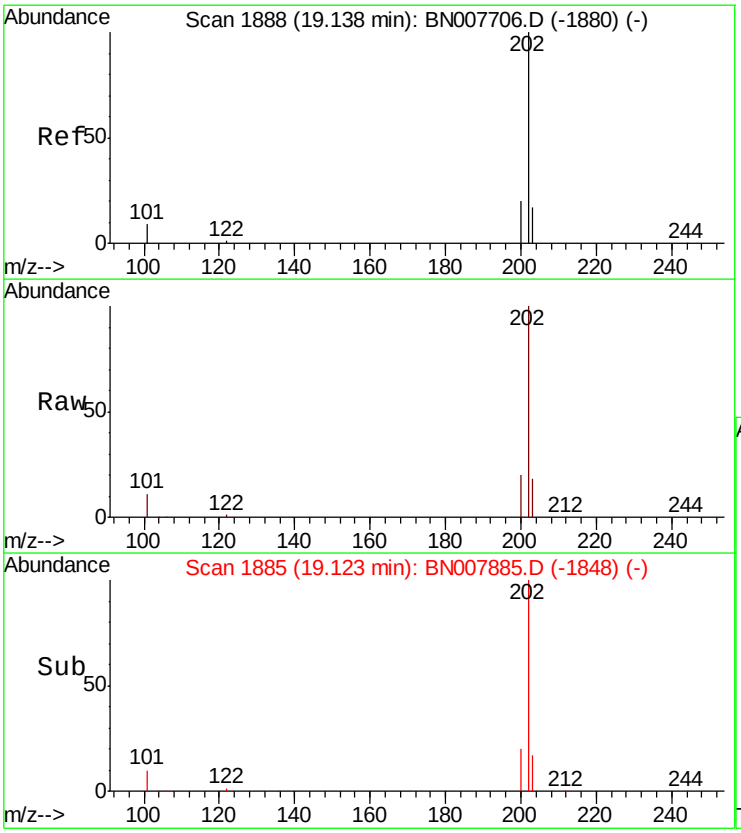
#25
Fluoranthene-d10
Concen: 0.009 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 1231

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.4	14.0
104	18.5	5.3	7.9#

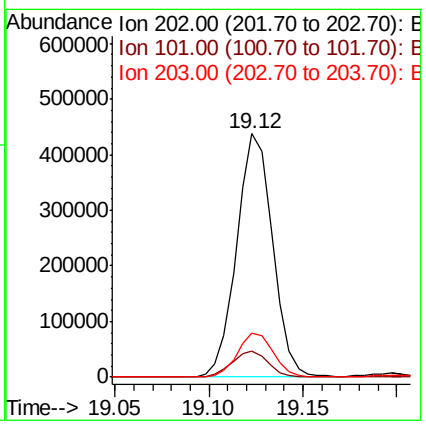


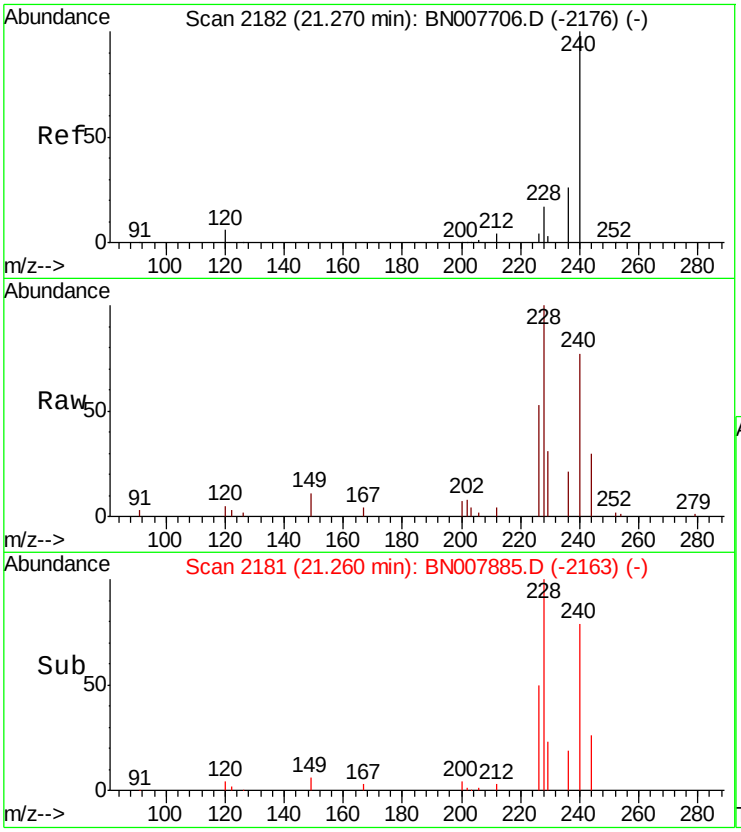


#26
Fluoranthene
Concen: 3.515 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:202 Resp: 578244

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	18.0	13.8	20.8



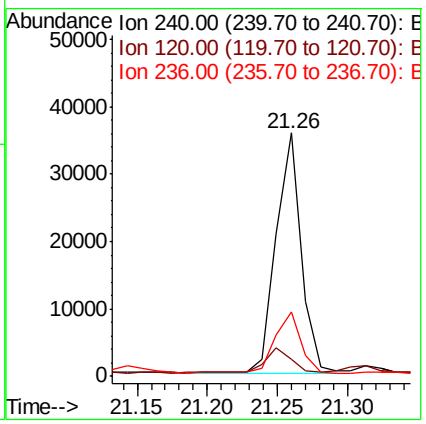


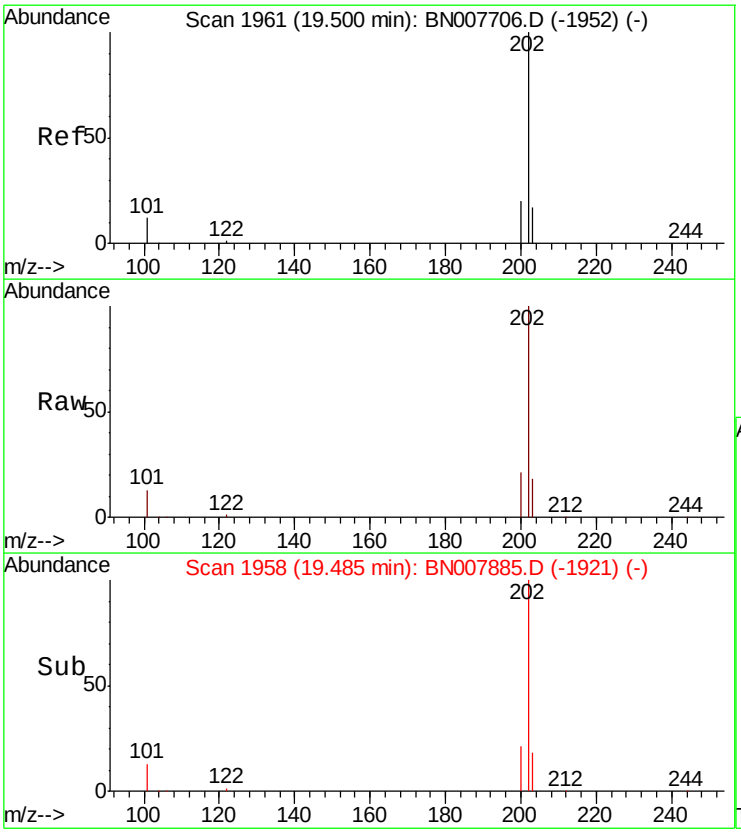
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 45012

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.4	8.2
236	26.6	21.0	31.4

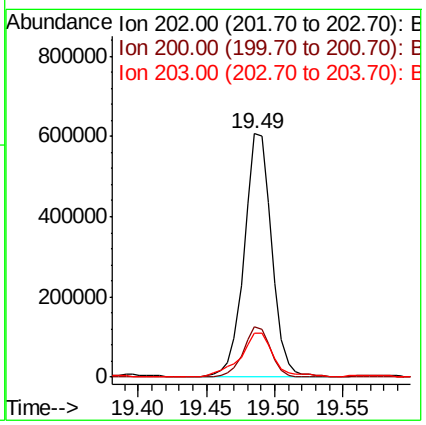


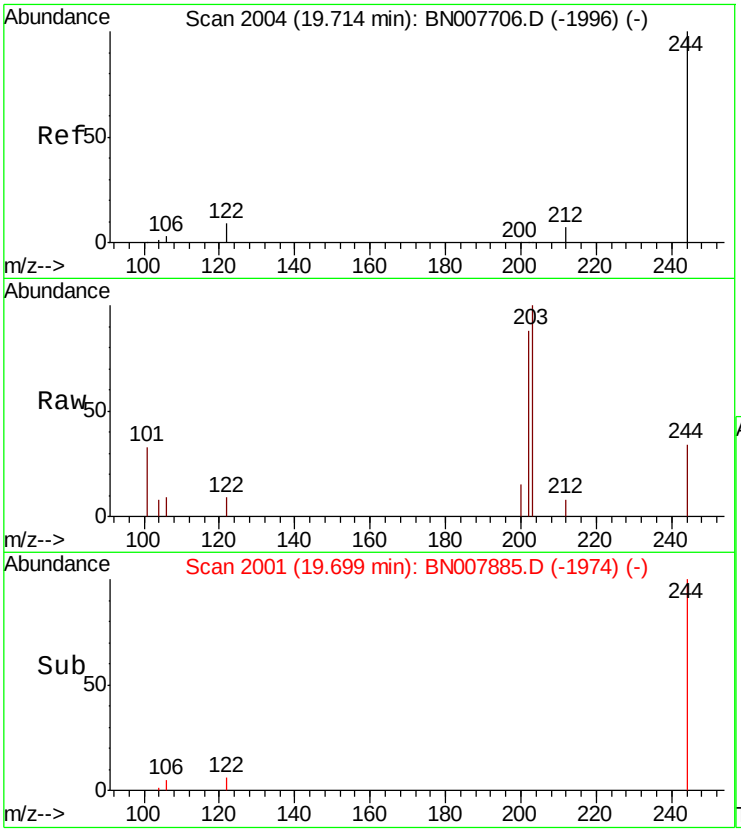


#28
Pyrene
Concen: 5.514 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:202 Resp: 846452

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	21.4	14.1	21.1#



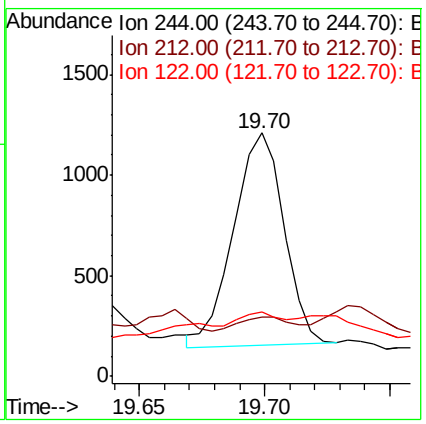


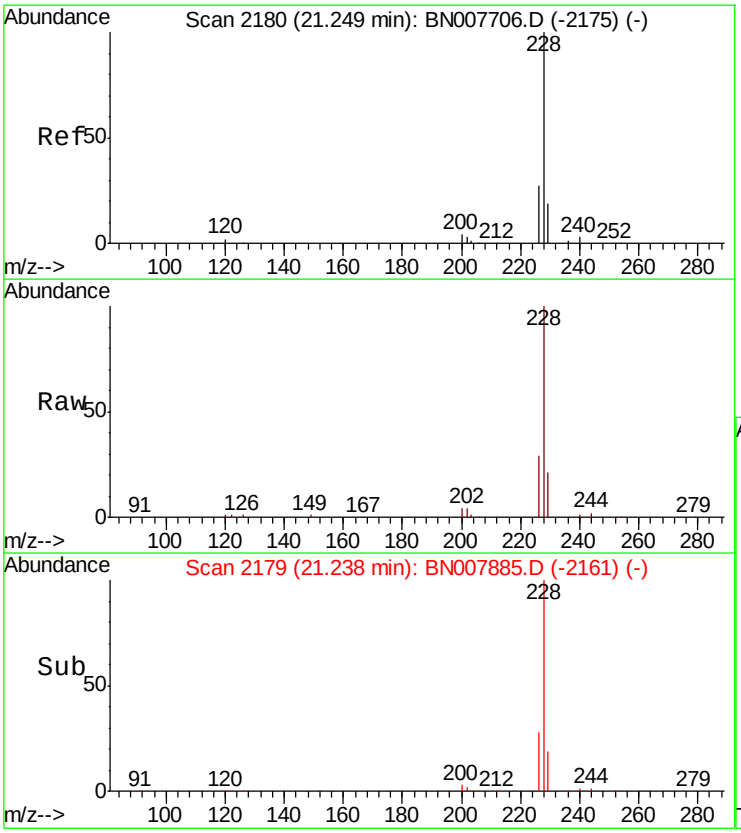
#29
Terphenyl-d14
Concen: 0.013 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 1467

Ion	Ratio	Lower	Upper
244	100		
212	24.4	5.9	8.9#
122	26.3	7.4	11.2#

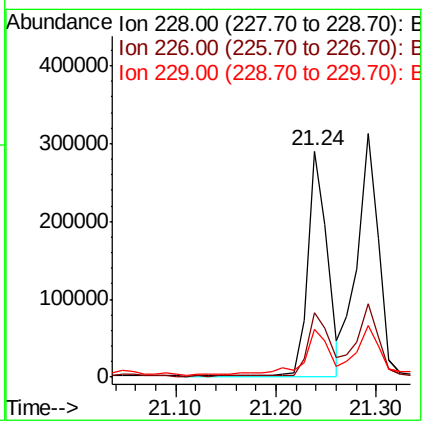


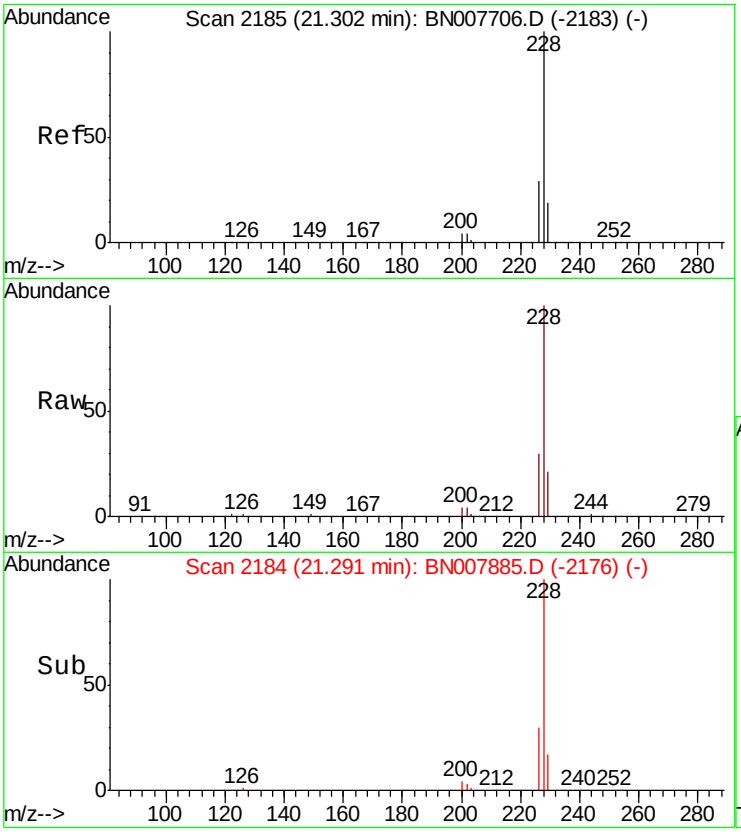


#30
Benzo(a)anthracene
Concen: 2.369 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:228 Resp: 392621

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	21.2	15.8	23.6



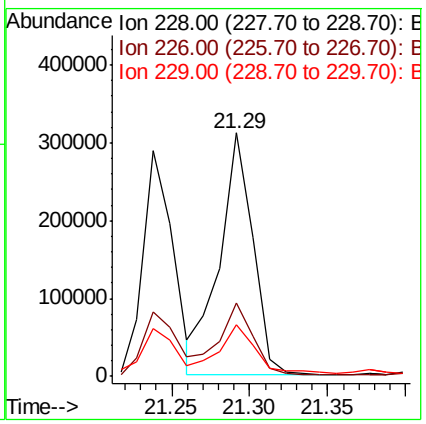


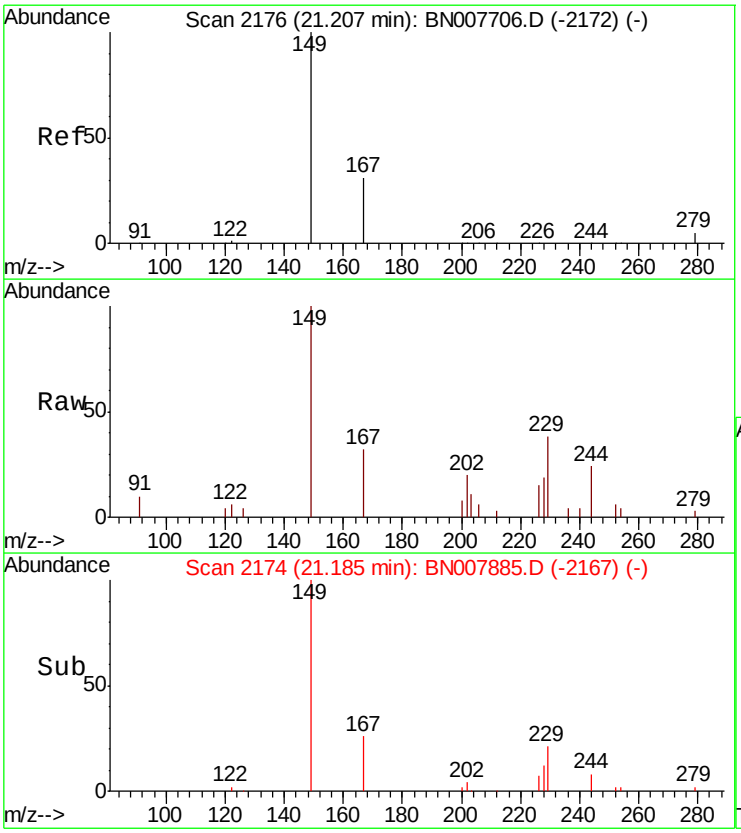
#31
Chrysene
Concen: 2.852 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 460744

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	21.1	15.8	23.6

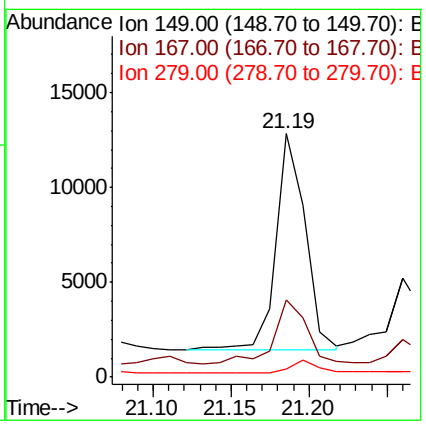


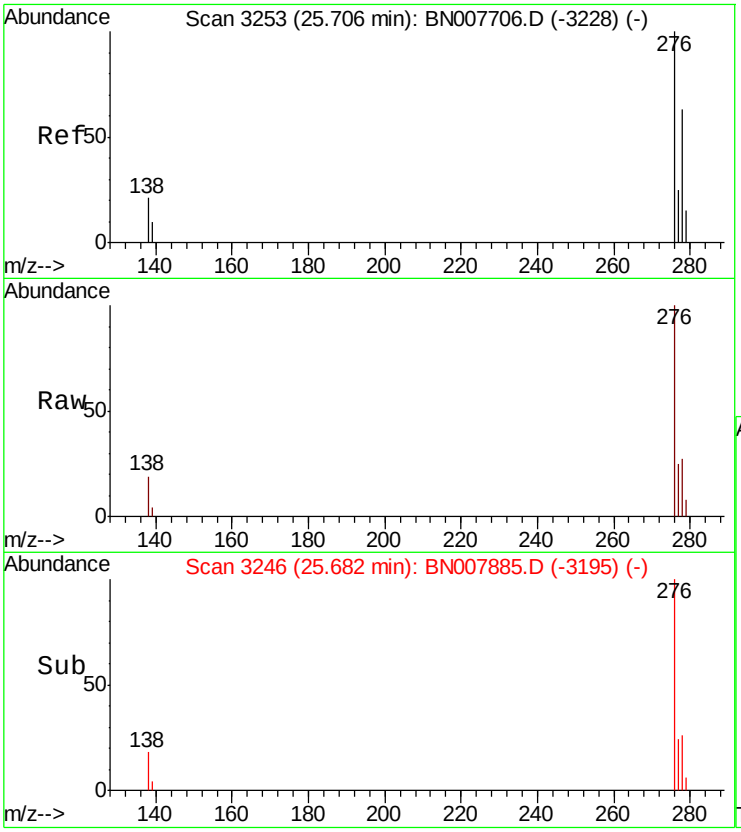


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.171 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:149 Resp: 14557

Ion	Ratio	Lower	Upper
149	100		
167	36.2	23.7	35.5#
279	6.0	4.2	6.2



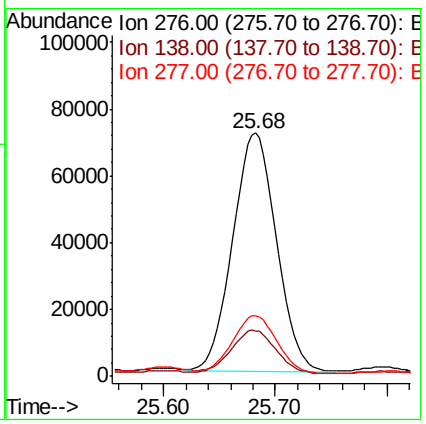


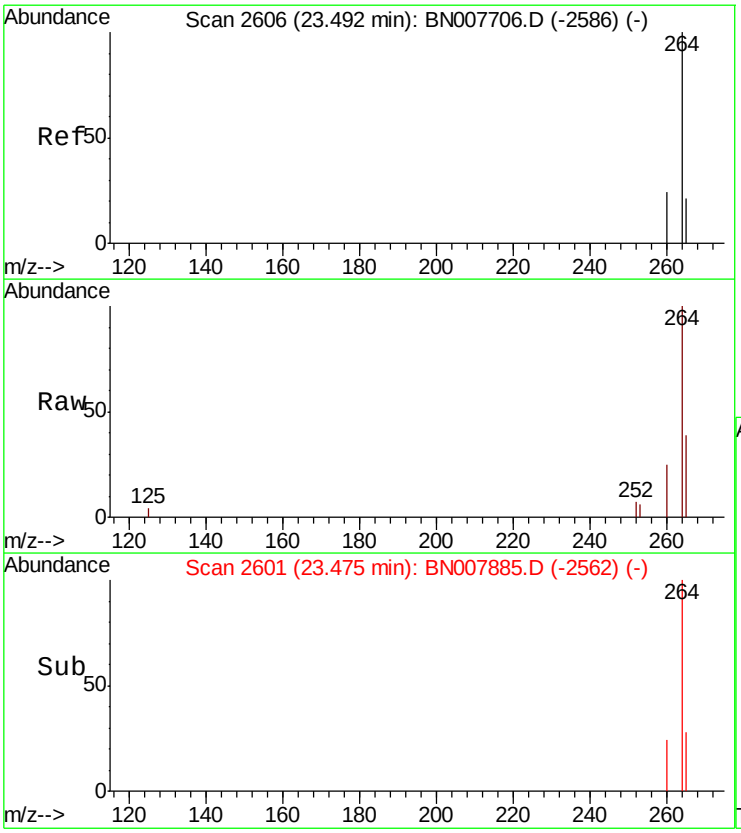
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.956 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 193298

Ion	Ratio	Lower	Upper
276	100		
138	18.8	17.1	25.7
277	24.8	20.0	30.0

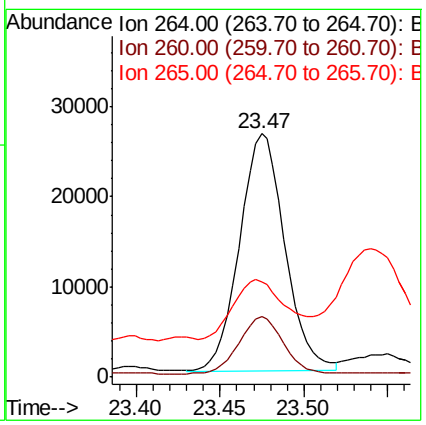


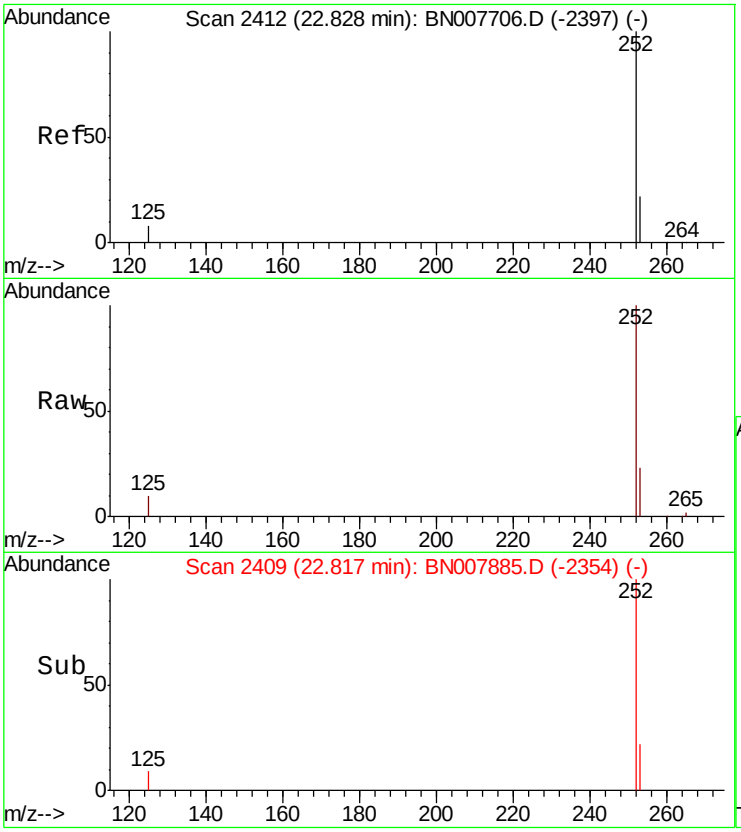


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:264 Resp: 49752

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	39.3	26.9	40.3



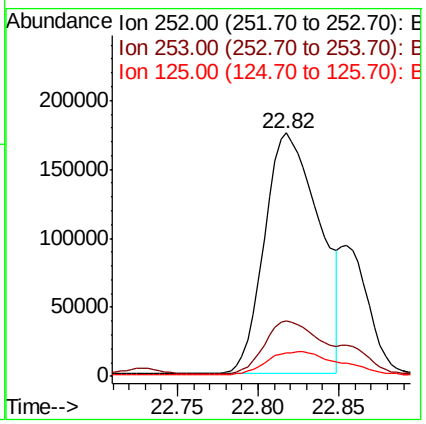


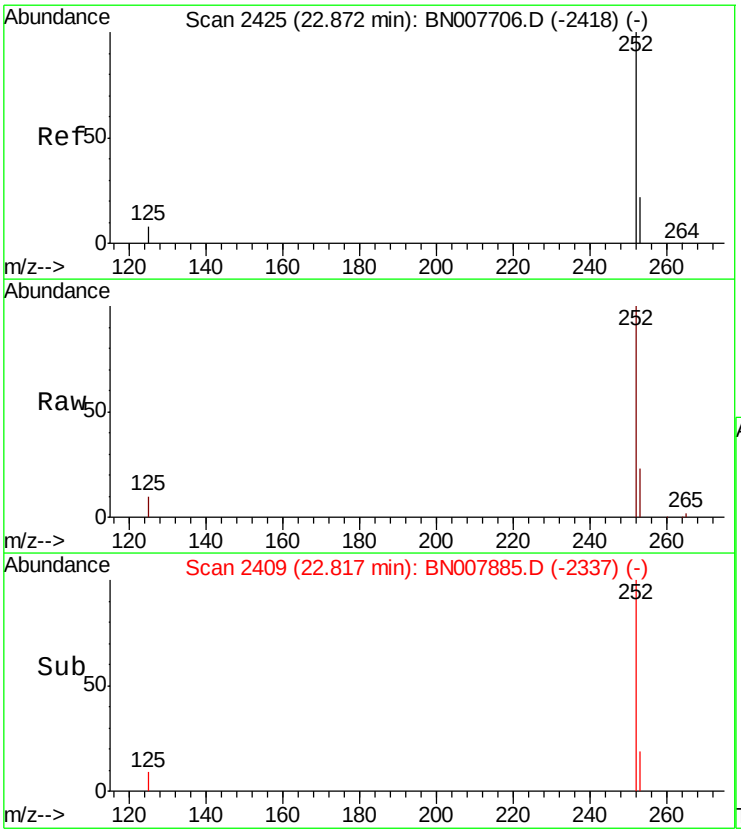
#35
Benzo(b)fluoranthene
Concen: 2.390 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 412876

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	9.8	8.2	12.4

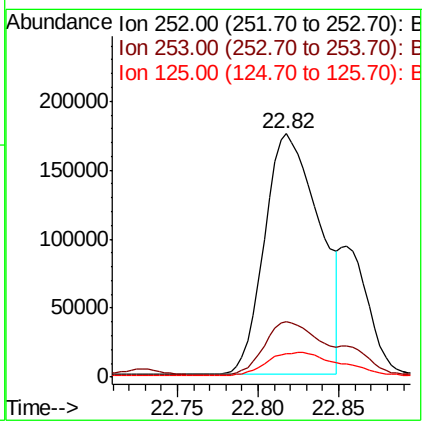


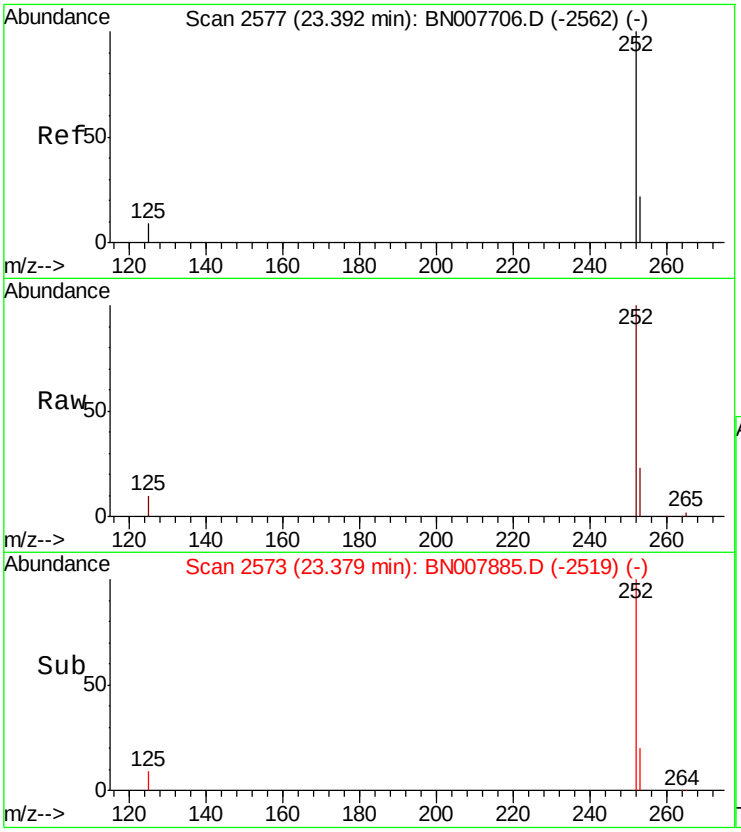


#36
Benzo(k)fluoranthene
Concen: 2.417 ng
RT: 22.82 min Scan# 2409
Delta R.T. -0.05 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:252 Resp: 412876

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	9.8	8.4	12.6



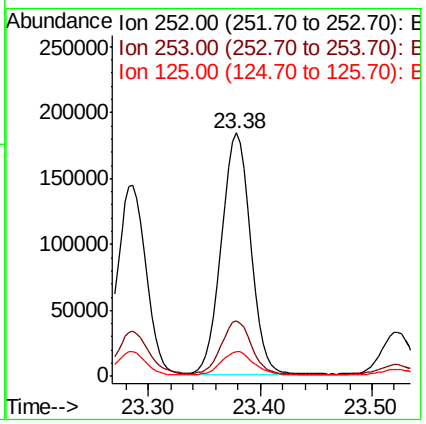


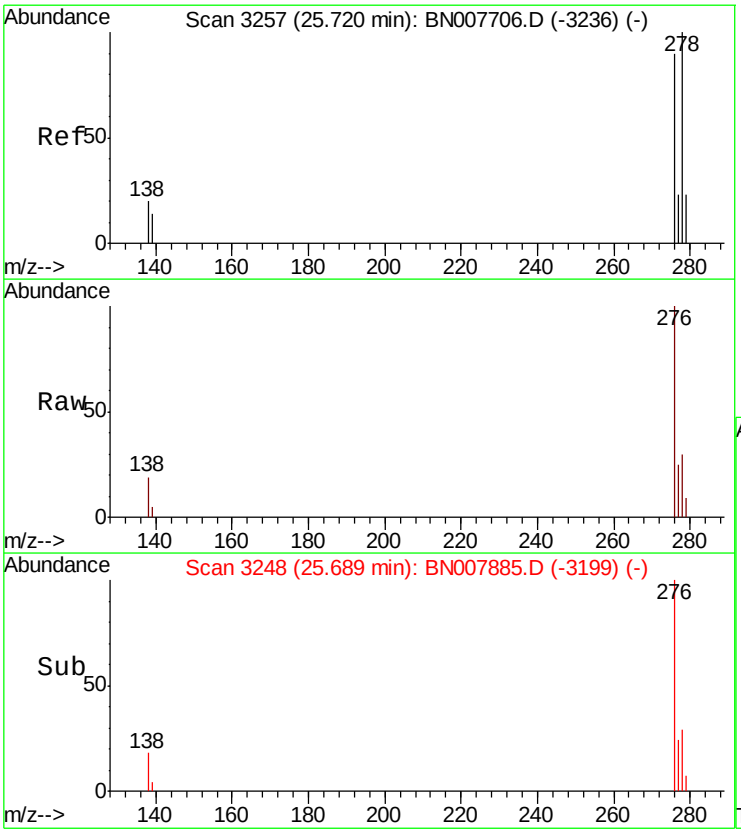
#37
Benzo(a)pyrene
Concen: 2.039 ng
RT: 23.38 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 330881

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	10.1	9.4	14.0

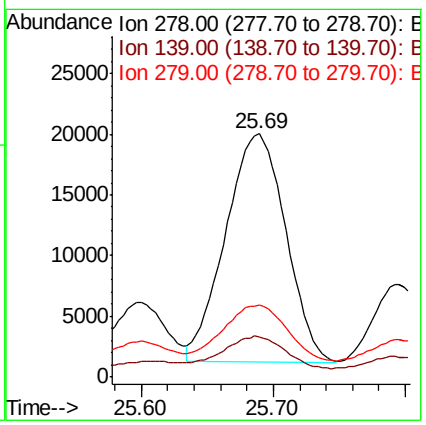


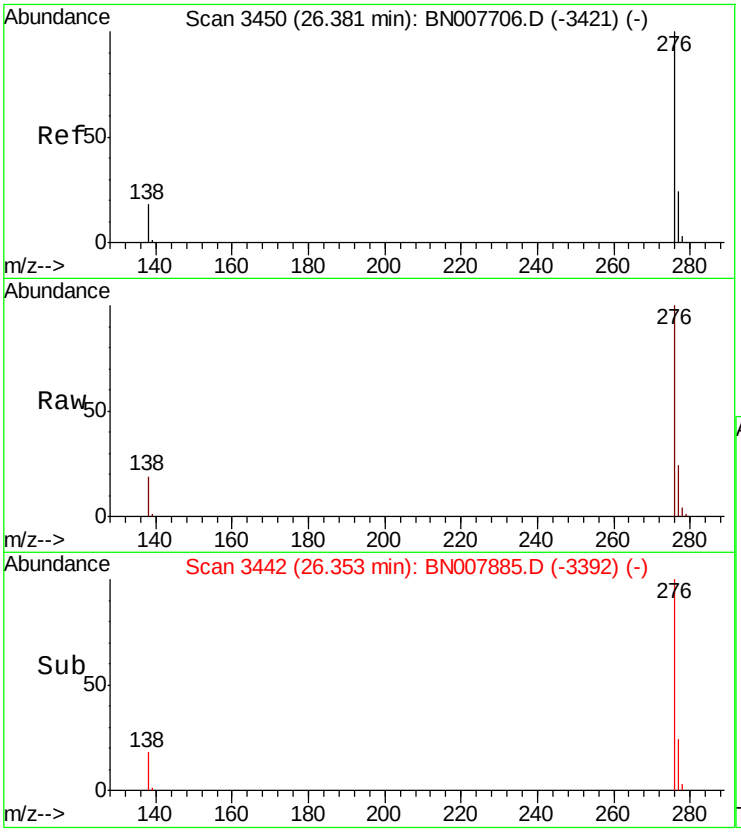


#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 25.69 min Scan# 3248
Delta R.T. -0.03 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Tgt Ion:278 Resp: 59865

Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.8	17.6
279	29.6	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.394 ng
RT: 26.35 min Scan# 3442
Delta R.T. -0.03 min
Lab File: BN007885.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 229159

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.8
138	19.1	15.1	22.7