Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
Data File : BN007785.D
Acq On : 21 Sep 2019 04:53
Operator : HP/JU
Sample : K4974-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE132D2-20190916MS

Quant Time: Sep 21 05:28:14 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	6911	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	26622	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	15447	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	33009	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	35830	0.40	ng		-0.02
34) Perylene-d12	23.46	264	38065	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	2530	0.11	ng		0.00
5) Phenol-d6	6.87	99	2042	0.06	ng		0.00
8) Nitrobenzene-d5	8.83	82	6604	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	17112	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1636	0.19	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	25244	0.40	ng		0.00
25) Fluoranthene-d10	19.09	212	37545	0.34	ng		-0.02
29) Terphenyl-d14	19.70	244	37220	0.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	34605	4.492	ng	#	93
3) n-Nitrosodimethylamine	3.00	42	186502	52.862	ng	#	67
6) bis(2-Chloroethyl)ether	7.13	93	6785	0.347	ng		95
9) Naphthalene	10.51	128	25311	0.339	ng		99
10) Hexachlorobutadiene	10.81	225	4752	0.302	ng	#	99
12) 2-Methylnaphthalene	12.13	142	16963	0.336	ng		100
16) Acenaphthylene	14.03	152	23130	0.282	ng		99
17) Acenaphthene	14.38	154	15958	0.302	ng		97
18) Fluorene	15.36	166	20101	0.297	ng		99
20) 4-Bromophenyl-phenylether	16.26	248	6715	0.335	ng		98
21) Hexachlorobenzene	16.38	284	7196	0.329	ng		98
22) Pentachlorophenol	16.72	266	3651	0.452	ng		98
23) Phenanthrene	17.10	178	35592	0.346	ng		100
24) Anthracene	17.19	178	30062	0.324	ng		100
26) Fluoranthene	19.12	202	42329	0.331	ng		100
28) Pyrene	19.49	202	43973	0.360	ng		100
30) Benzo(a)anthracene	21.24	228	40225	0.305	ng		98
31) Chrysene	21.29	228	44459	0.346	ng		98
32) Bis(2-ethylhexyl)phthalate	21.19	149	15642	0.231	ng		98
33) Indeno(1,2,3-cd)pyrene	25.67	276	47715	0.296	ng		99
35) Benzo(b)fluoranthene	22.80	252	41861	0.317	ng		99
36) Benzo(k)fluoranthene	22.84	252	48594	0.372	ng		98
37) Benzo(a)pyrene	23.37	252	38993	0.314	ng		99
38) Dibenzo(a,h)anthracene	25.69	278	39563	0.311	ng		99
39) Benzo(g,h,i)perylene	26.34	276	39409	0.313	ng		99

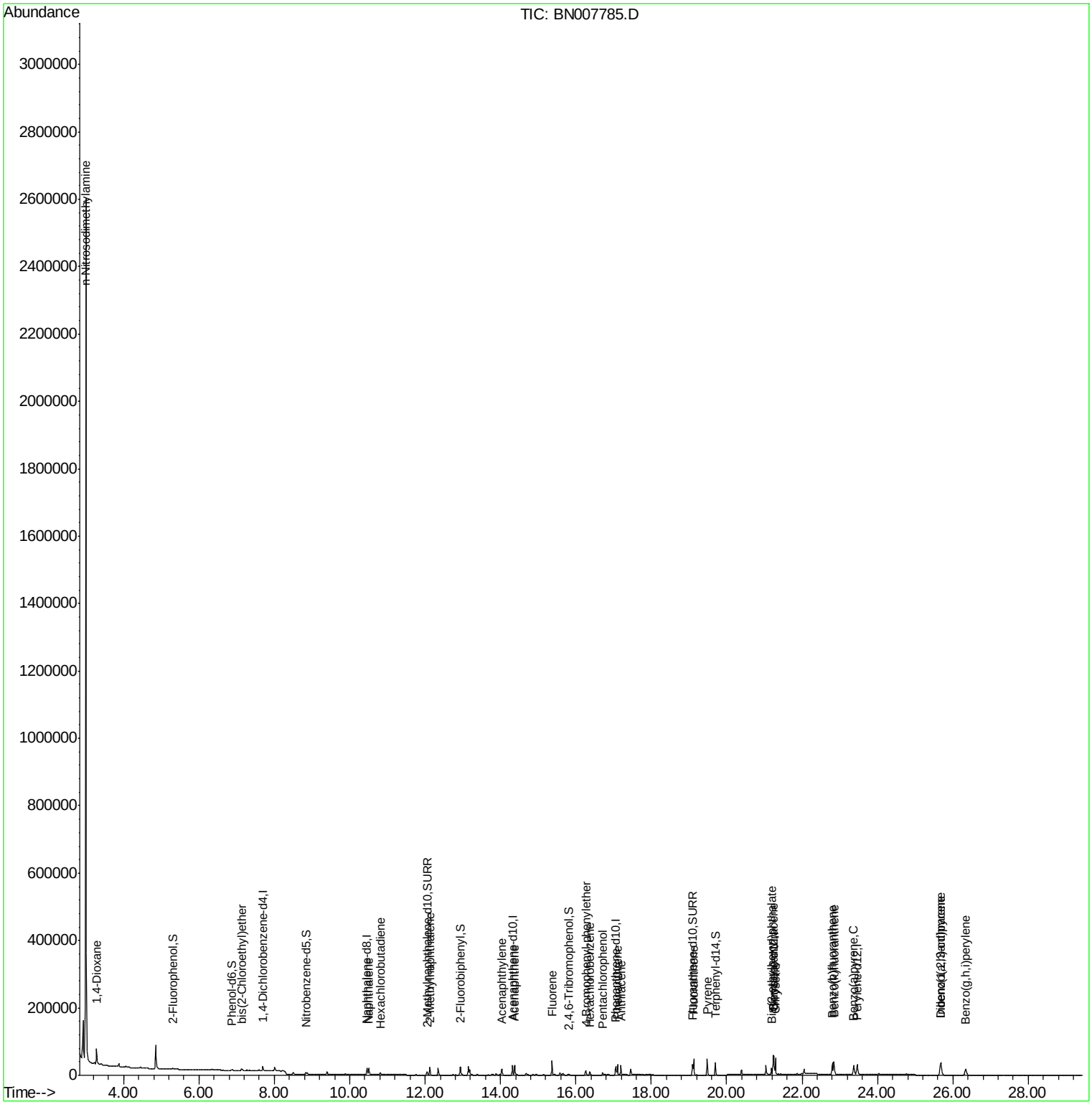
(#) = qualifier out of range (m) = manual integration (+) = signals summed

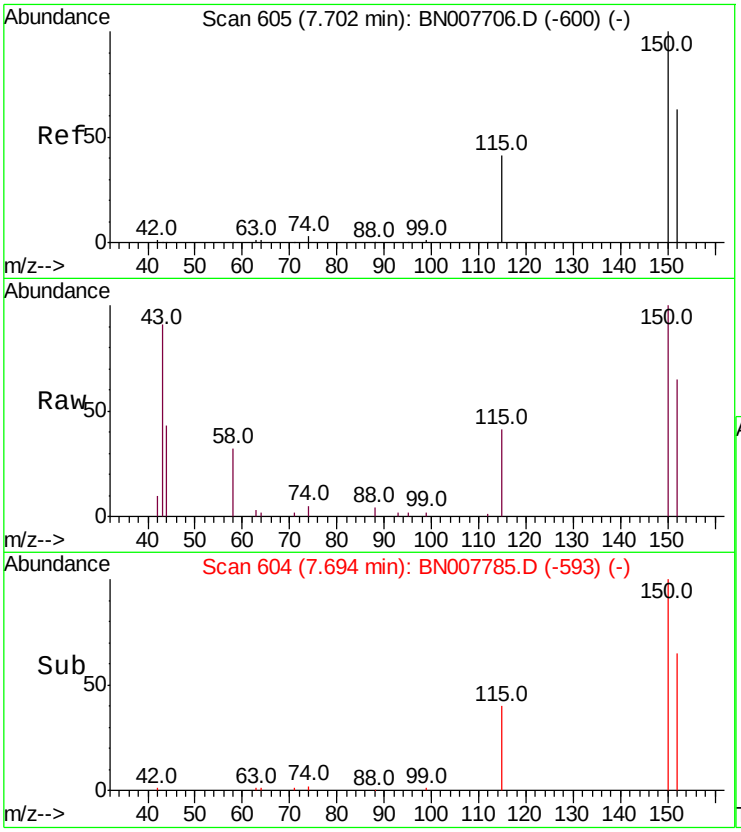
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
Data File : BN007785.D
Acq On : 21 Sep 2019 04:53
Operator : HP/JU
Sample : K4974-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Quant Time: Sep 21 05:28:14 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



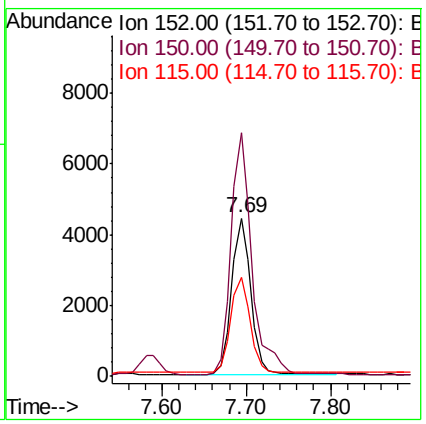


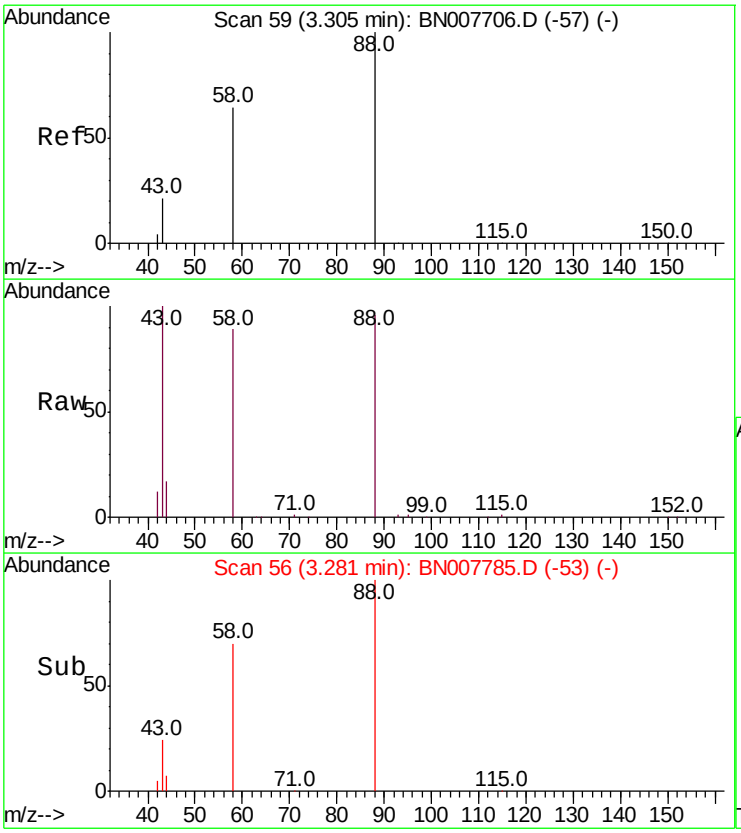
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:152 Resp: 6911

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.6	188.4
115	63.0	53.3	79.9

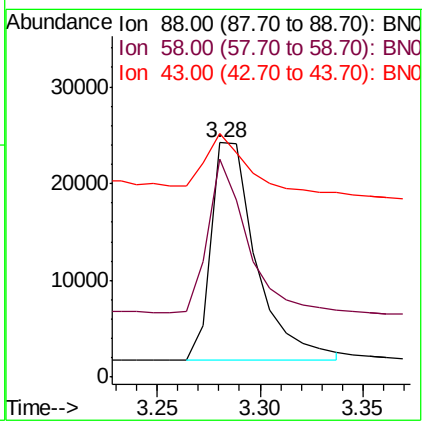


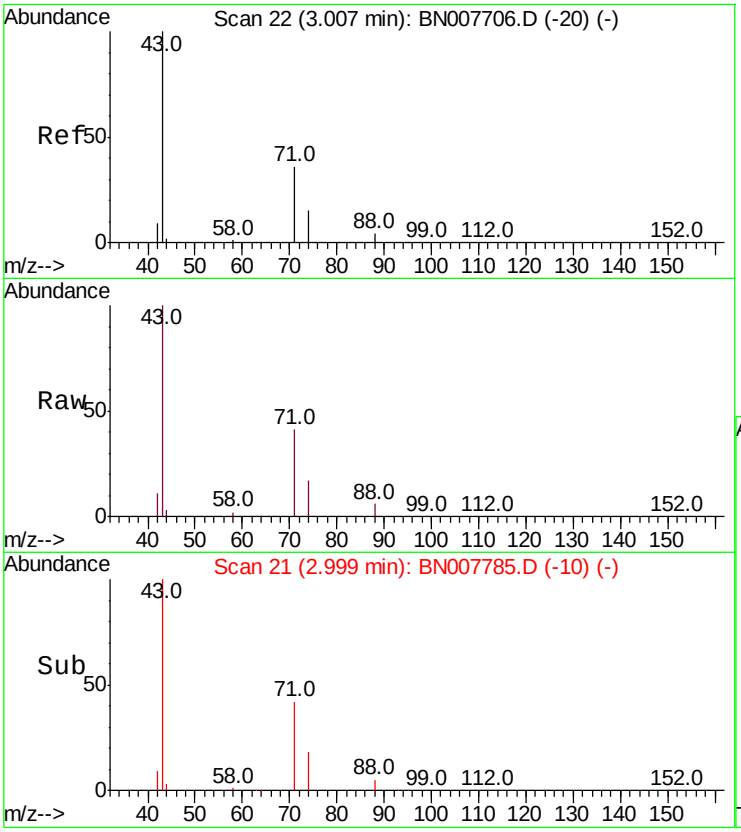


#2
1,4-Dioxane
Concen: 4.492 ng
RT: 3.28 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion: 88 Resp: 34605

Ion	Ratio	Lower	Upper
88	100		
58	59.2	44.6	66.8
43	24.0	14.4	21.6#



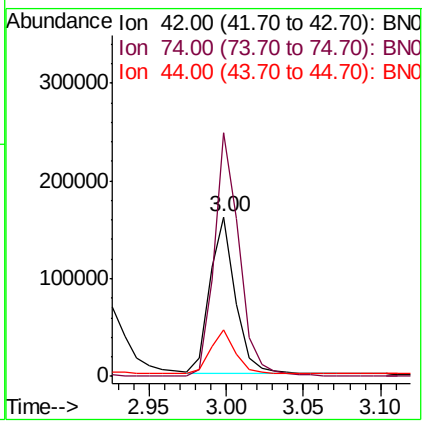


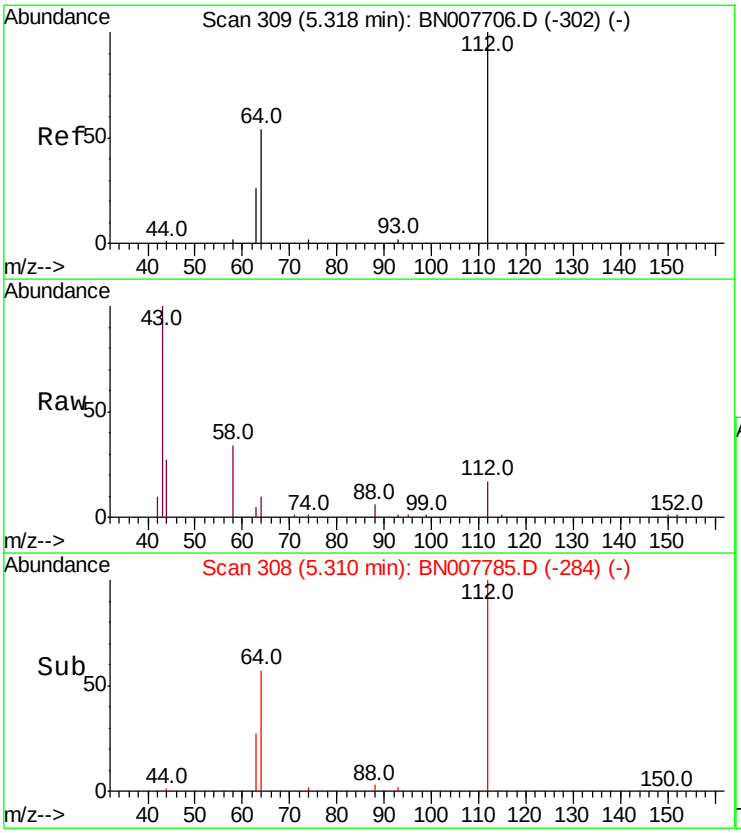
#3
n-Nitrosodimethylamine
Concen: 52.862 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion: 42 Resp: 186502

Ion	Ratio	Lower	Upper
42	100		
74	150.5	87.9	131.9#
44	26.9	29.4	44.0#

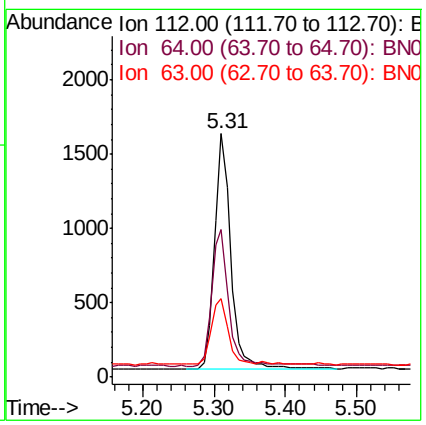


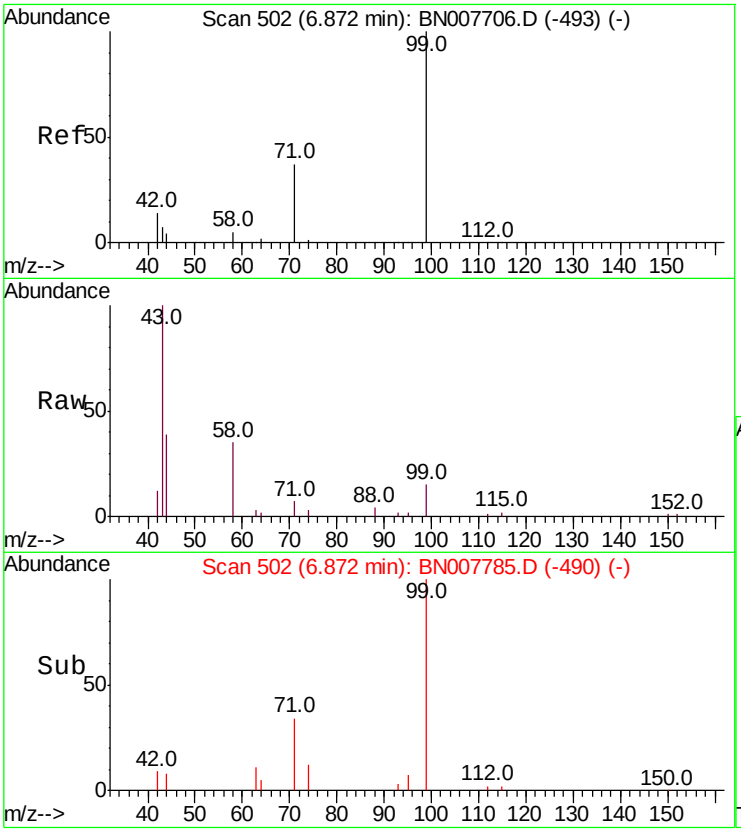


#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:112 Resp: 2530

Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.6	70.0
63	28.2	23.1	34.7



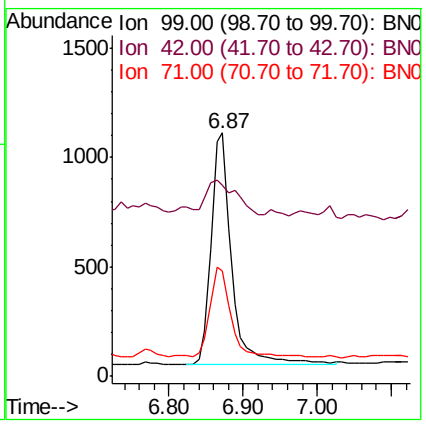


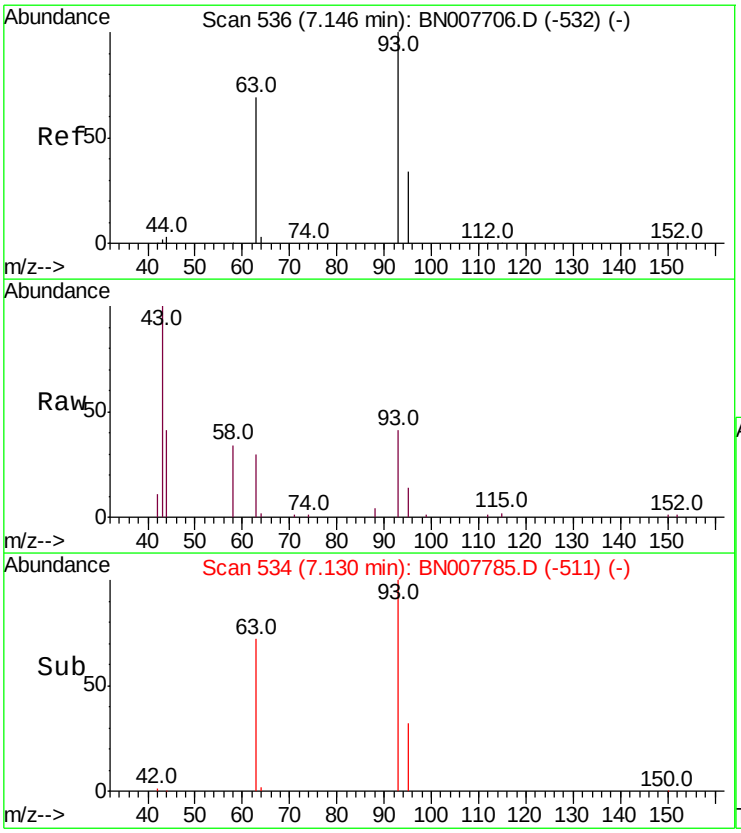
#5
Phenol-d6
Concen: 0.064 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion: 99 Resp: 2042

Ion	Ratio	Lower	Upper
99	100		
42	24.3	12.8	19.2#
71	39.7	27.6	41.4

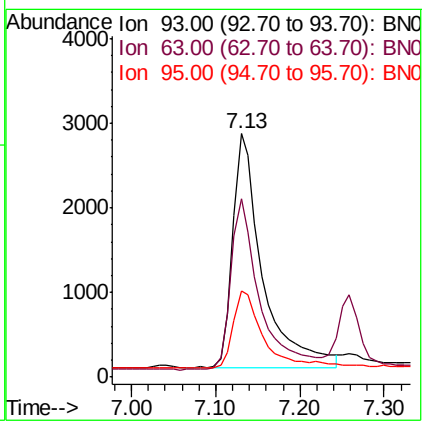


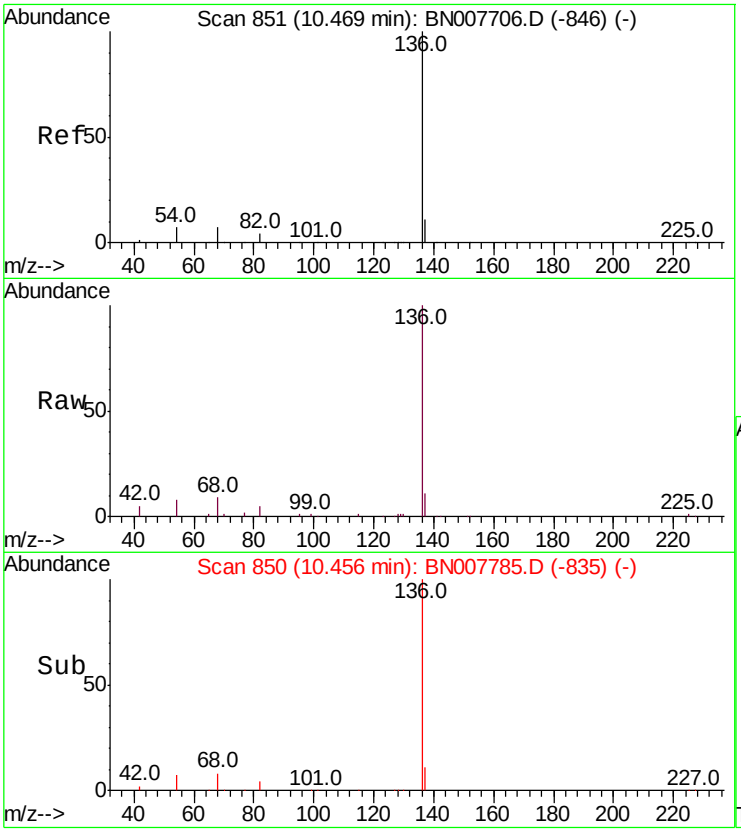


#6
bis(2-Chloroethyl)ether
Concen: 0.347 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion: 93 Resp: 6785

Ion	Ratio	Lower	Upper
93	100		
63	70.4	59.3	88.9
95	35.2	31.4	47.0



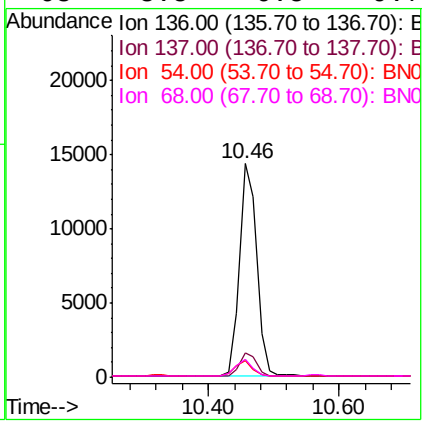


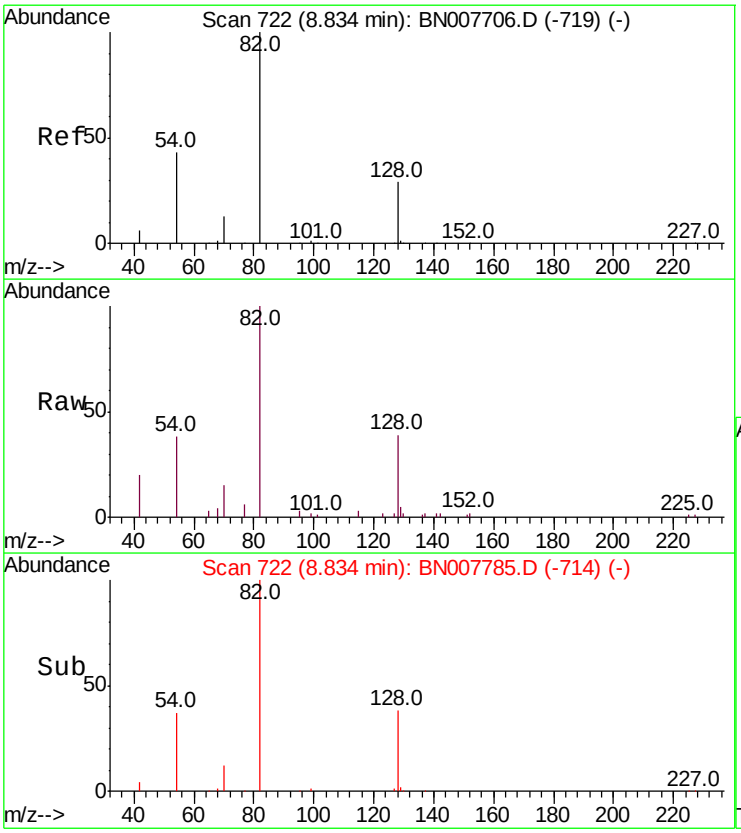
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:136 Resp: 26622

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.9	5.8	8.8
68	8.5	6.5	9.7

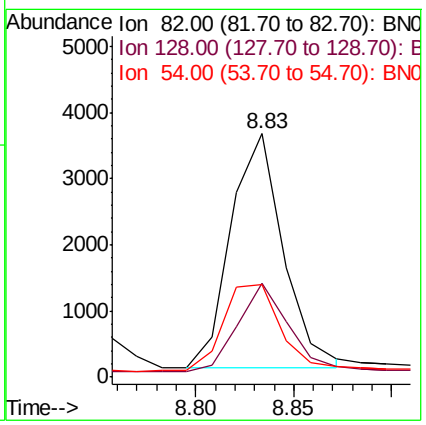


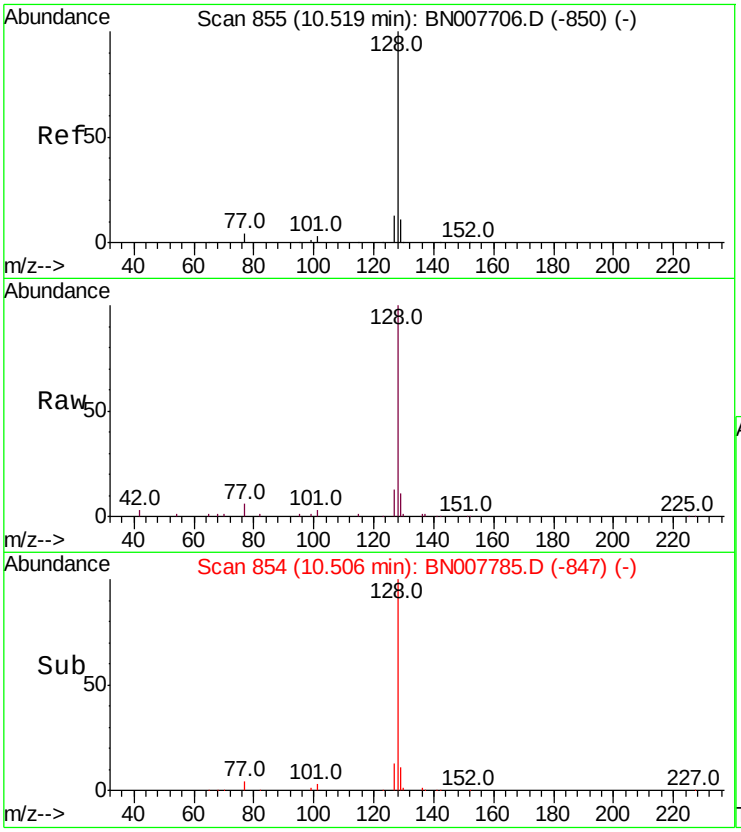


#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion: 82 Resp: 6604

Ion	Ratio	Lower	Upper
82	100		
128	38.7	24.5	36.7#
54	37.9	35.2	52.8



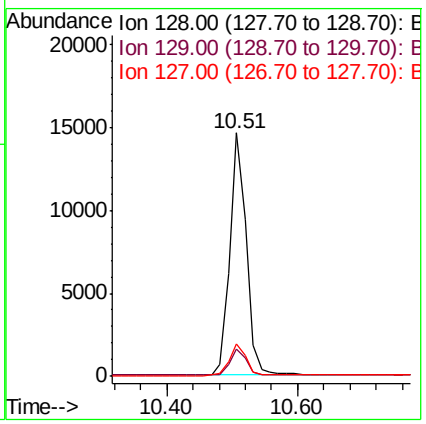


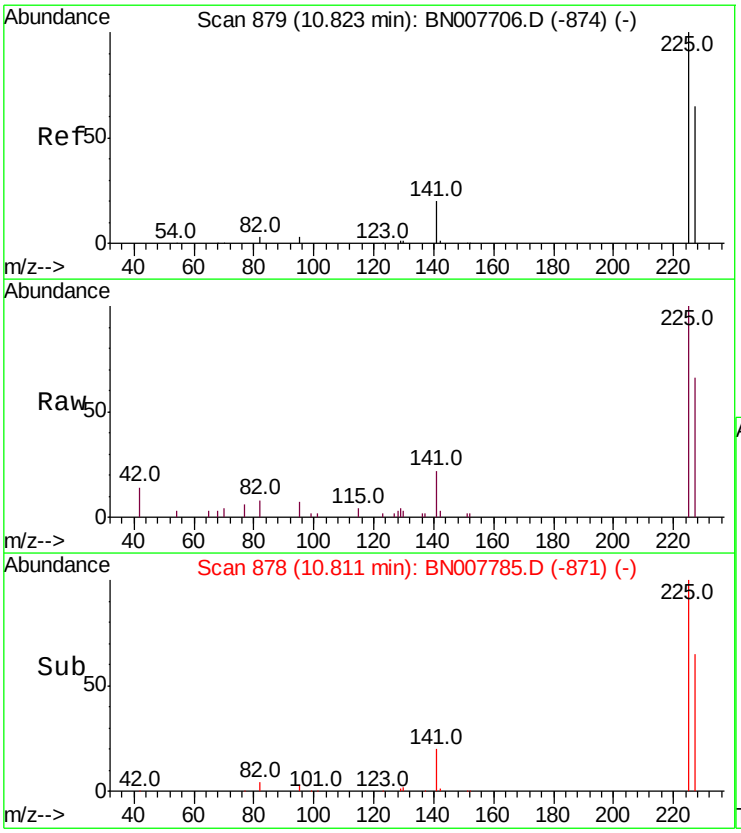
#9
Naphthalene
Concen: 0.339 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:128 Resp: 25311

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.4	10.6	15.8

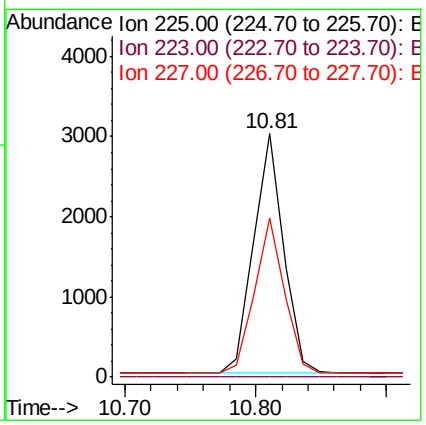


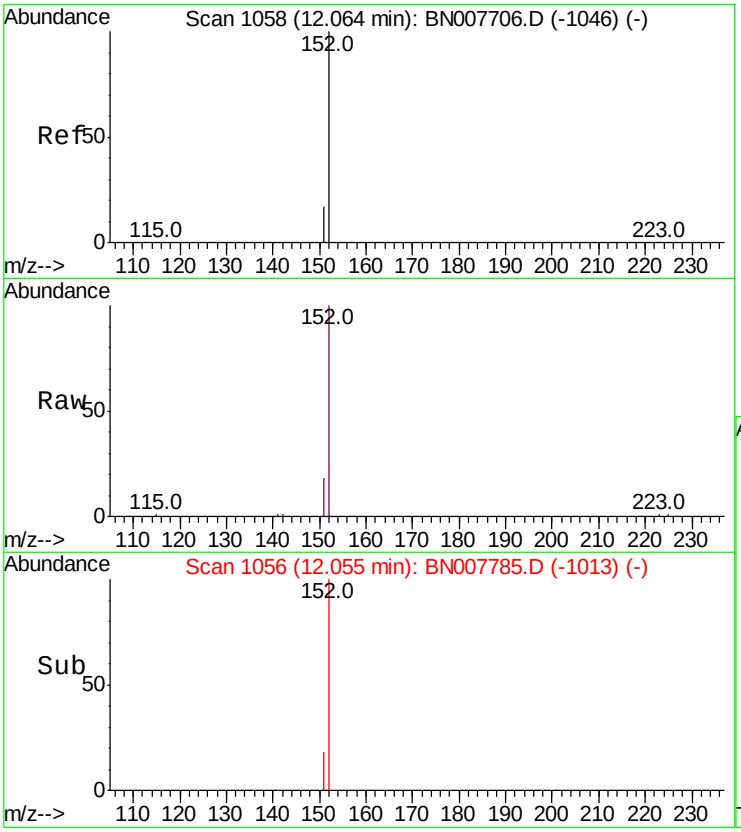


#10
Hexachlorobutadiene
Concen: 0.302 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:225 Resp: 4752

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.2	76.8



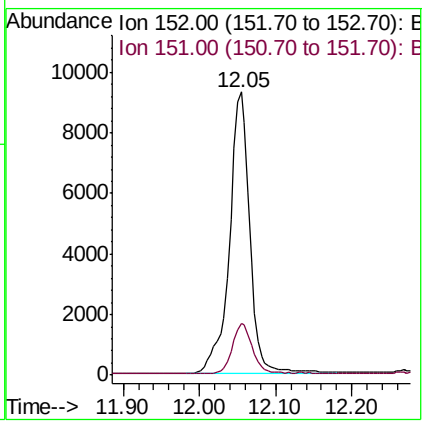


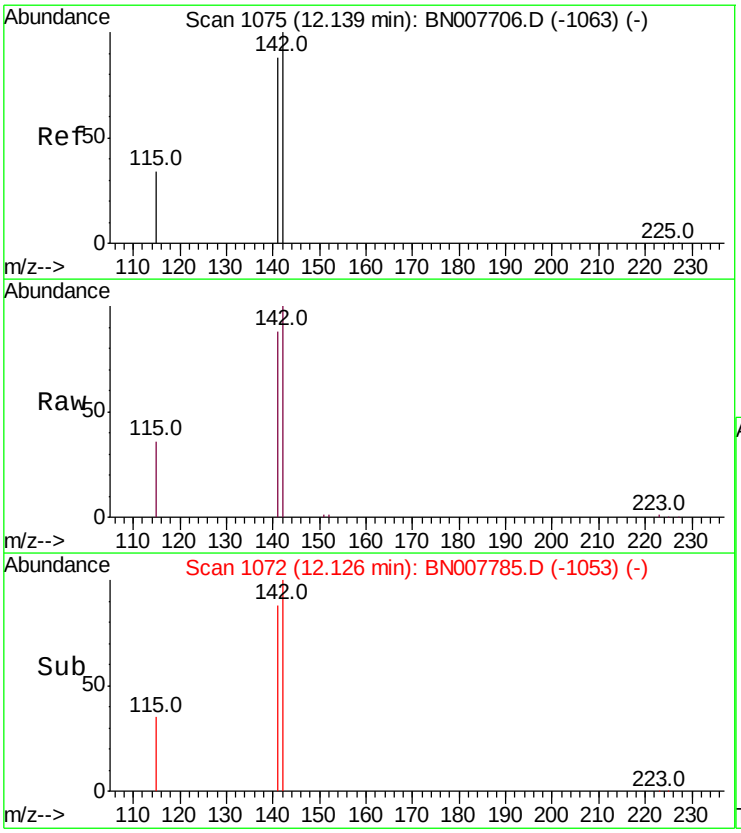
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:152 Resp: 17112

Ion	Ratio	Lower	Upper
152	100		
151	17.3	15.4	23.2

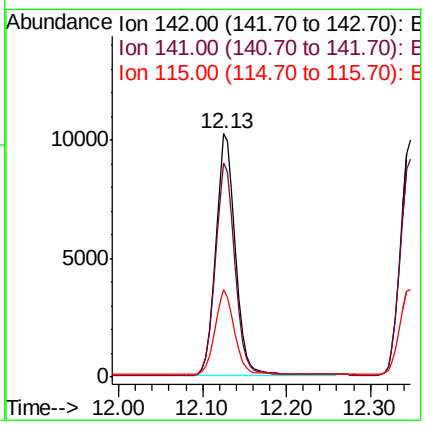


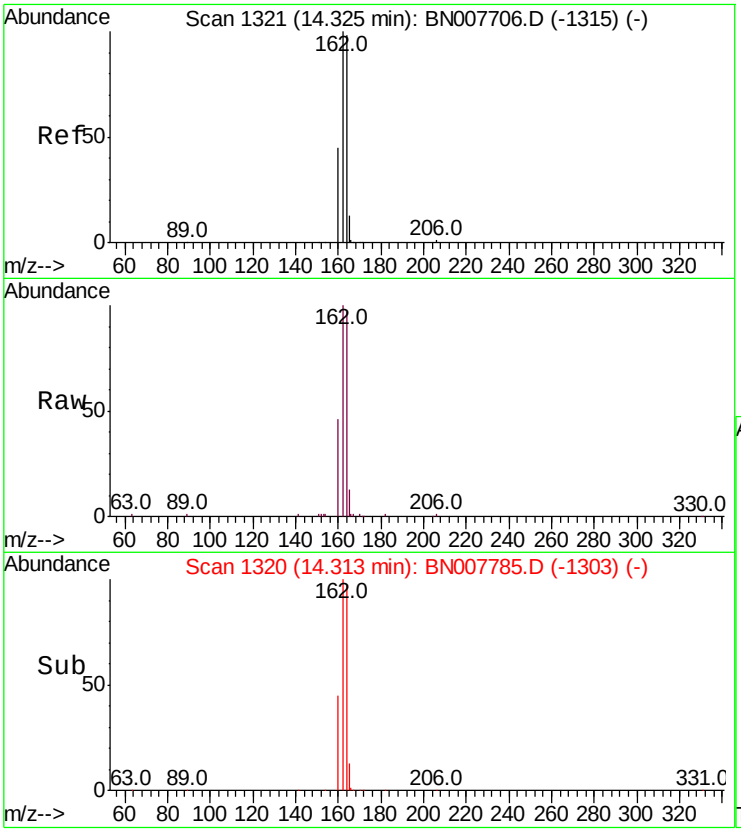


#12
2-Methylnaphthalene
Concen: 0.336 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:142 Resp: 16963

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	106.0
115	35.8	28.3	42.5



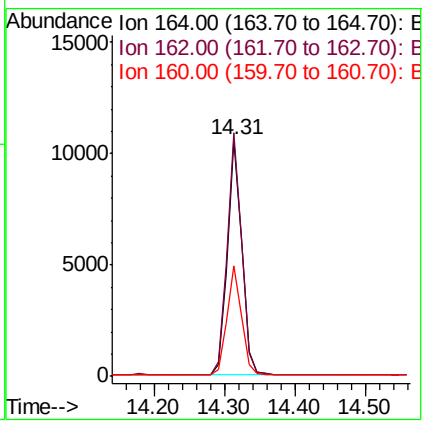


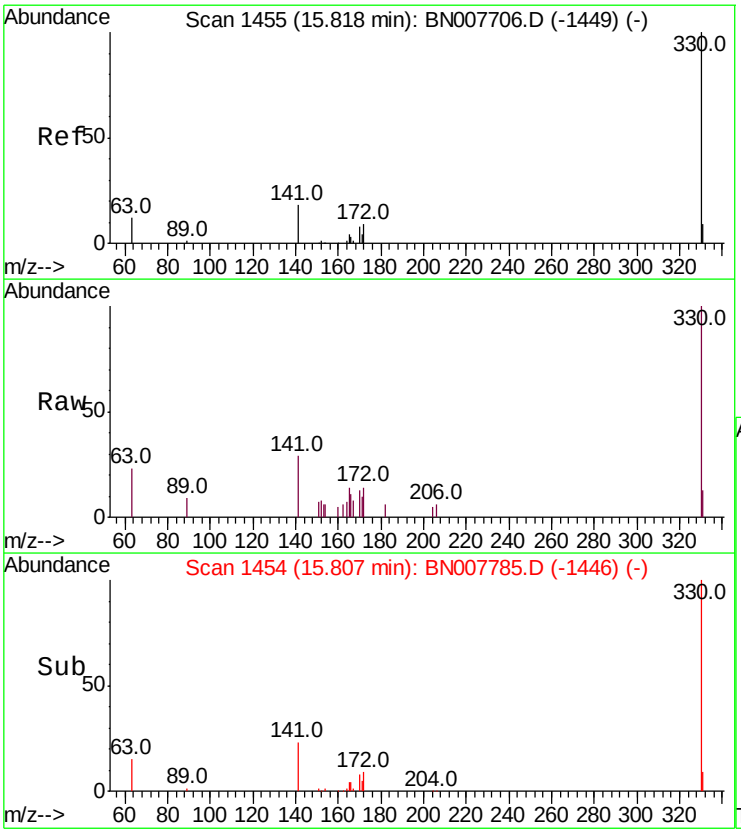
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:164 Resp: 15447

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.7	122.5
160	46.9	37.0	55.4

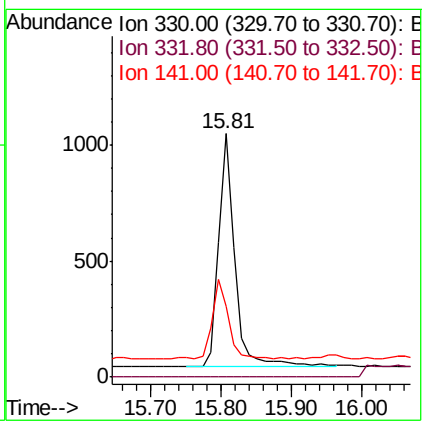


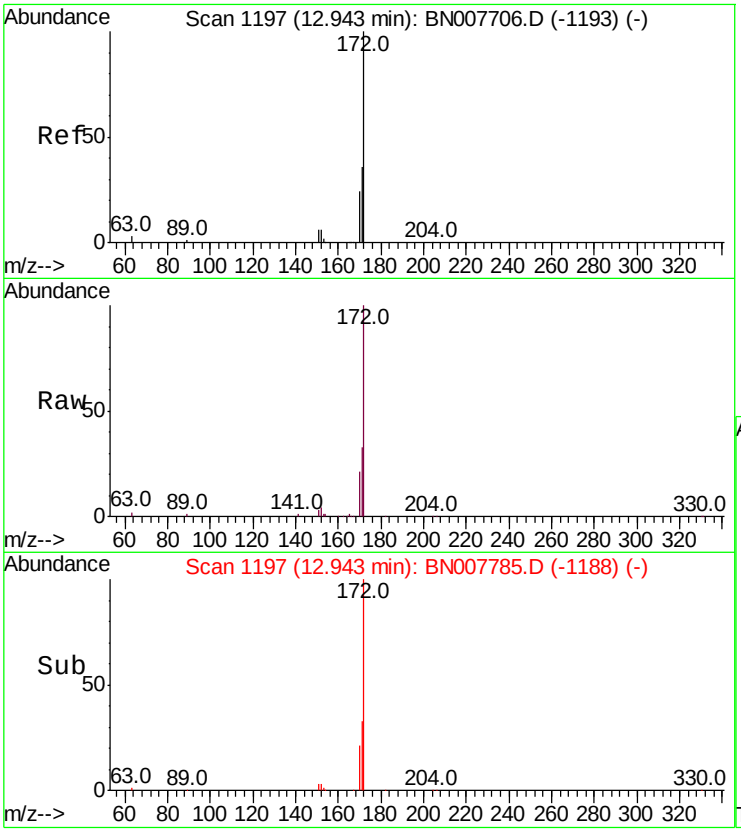


#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:330 Resp: 1636

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.0	28.7	43.1



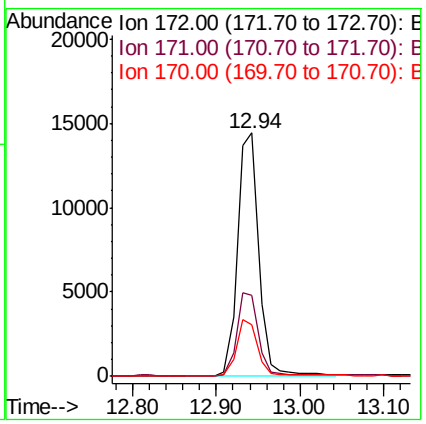


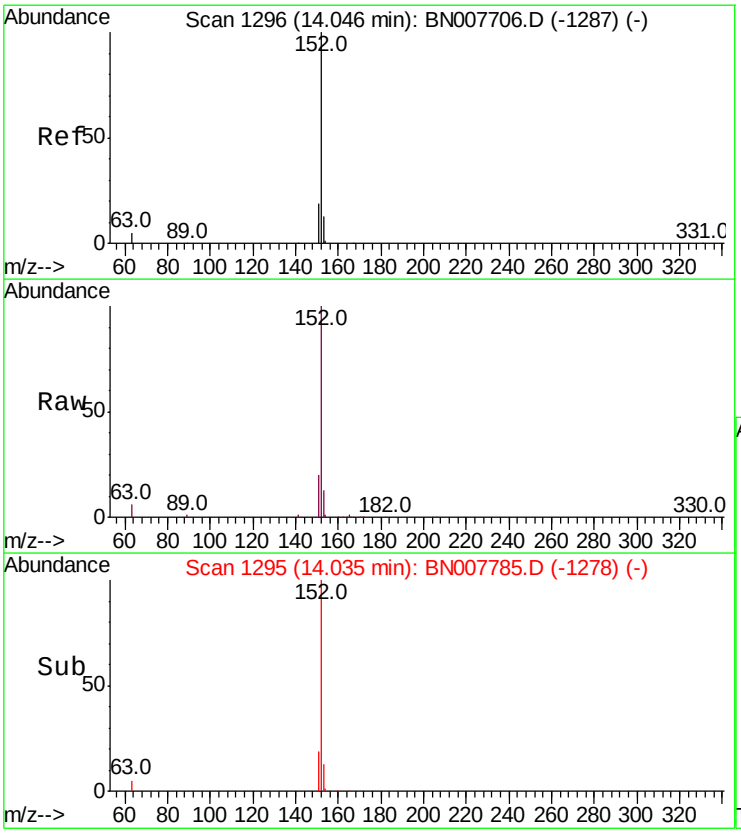
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:172 Resp: 25244

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.8	43.2
170	21.4	19.5	29.3

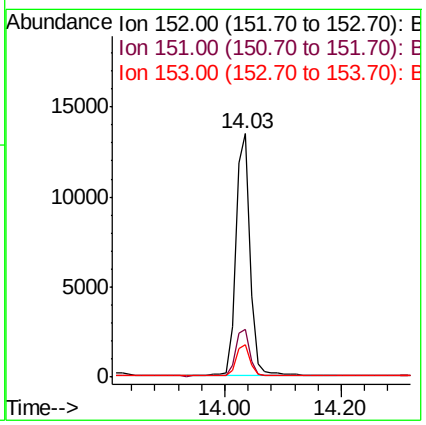


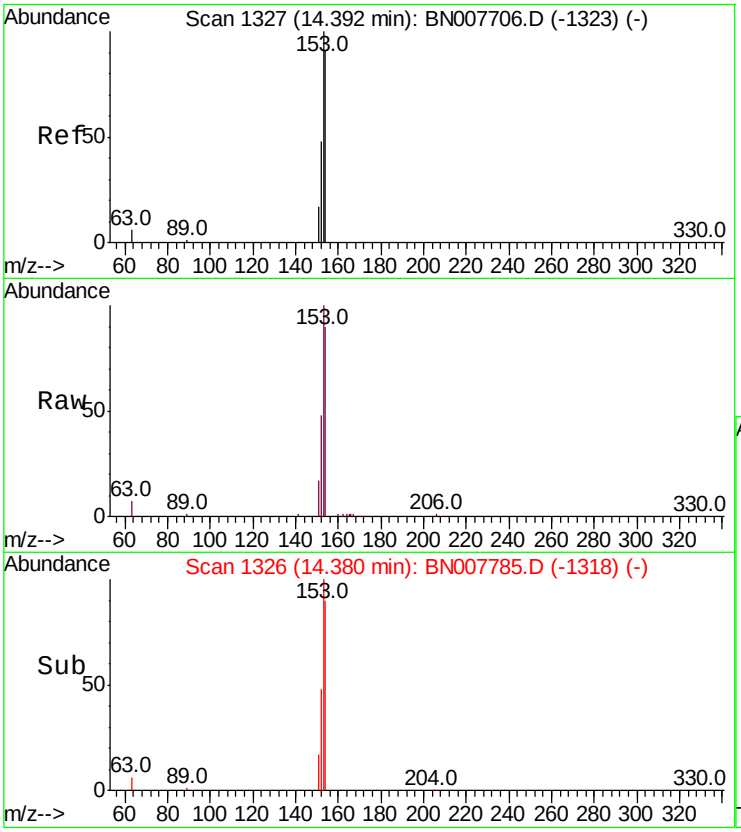


#16
Acenaphthylene
Concen: 0.282 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:152 Resp: 23130

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	12.9	10.4	15.6



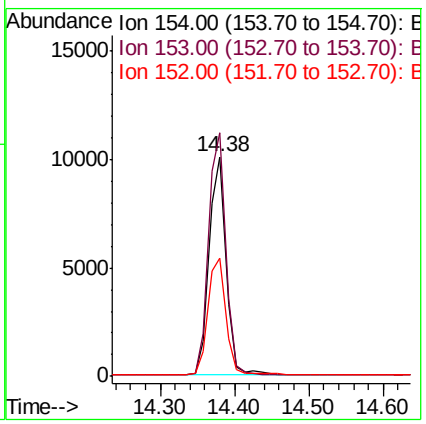


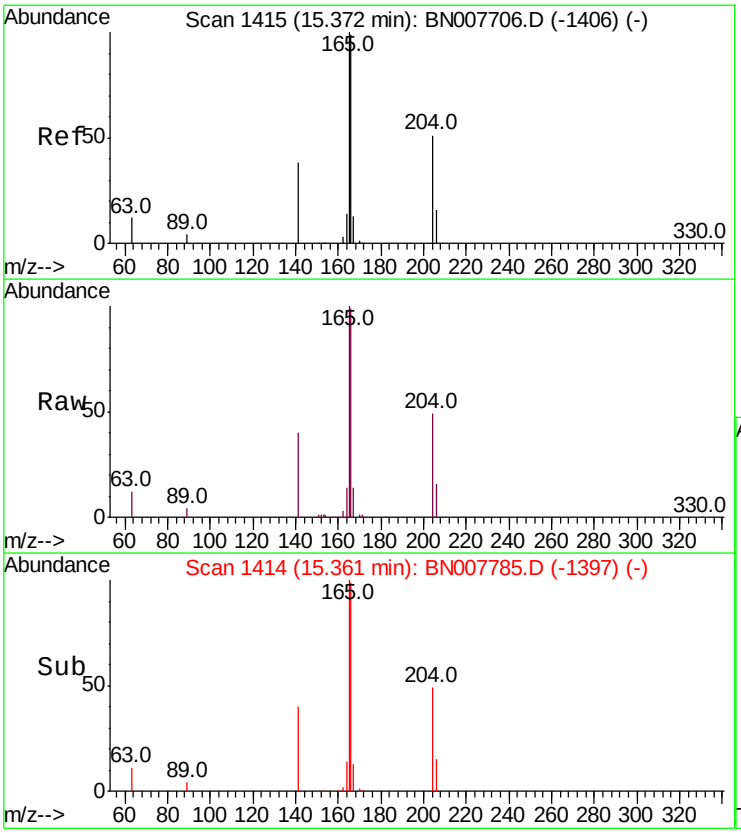
#17
Acenaphthene
Concen: 0.302 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:154 Resp: 15958

Ion	Ratio	Lower	Upper
154	100		
153	112.2	87.0	130.4
152	56.0	42.7	64.1

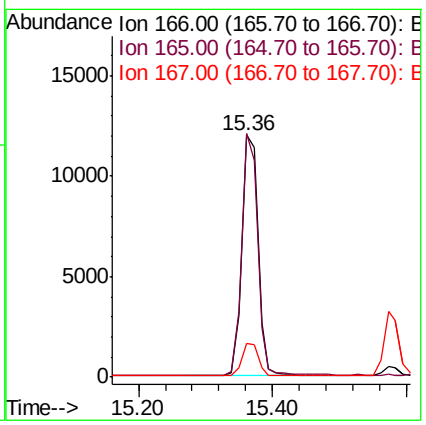


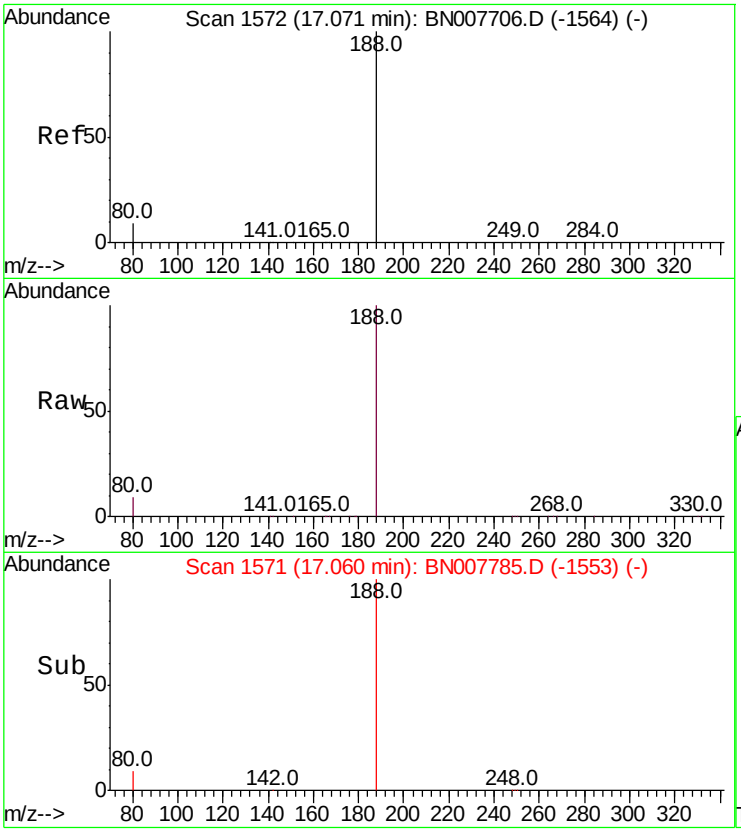


#18
Fluorene
Concen: 0.297 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:166 Resp: 20101

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.0	117.0
167	13.6	10.9	16.3



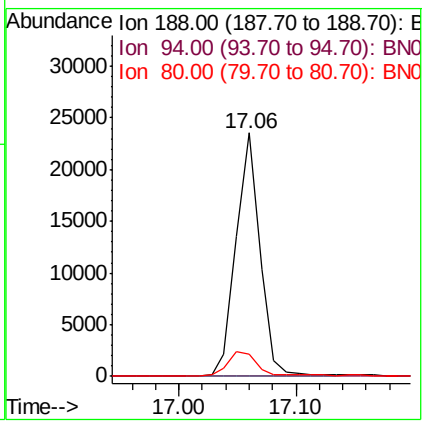


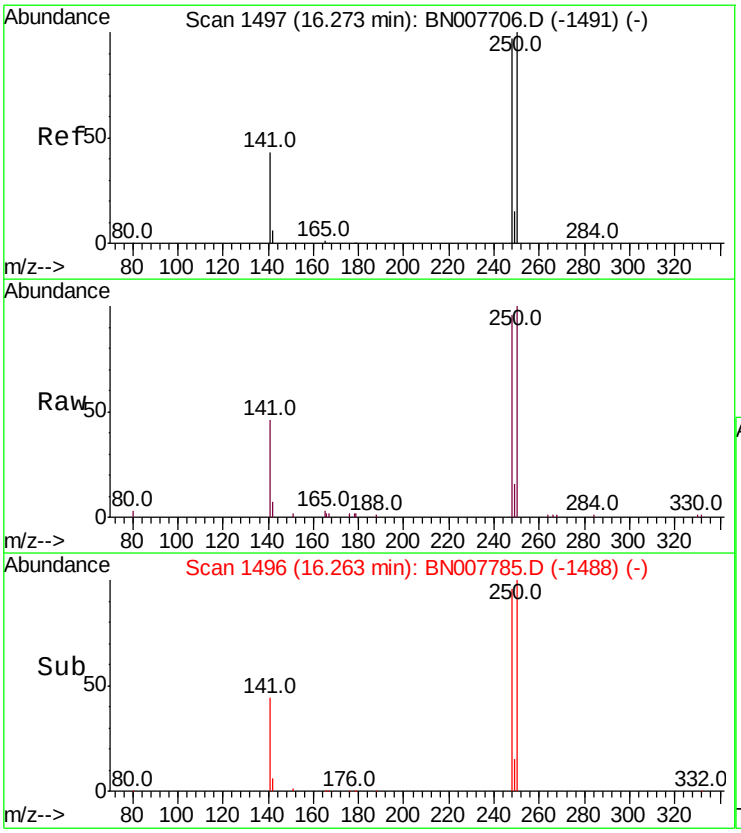
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:188 Resp: 33009

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.4	11.2

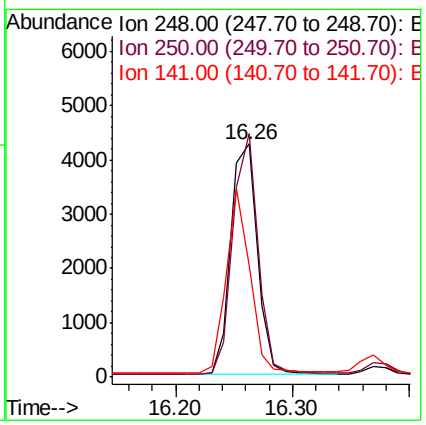


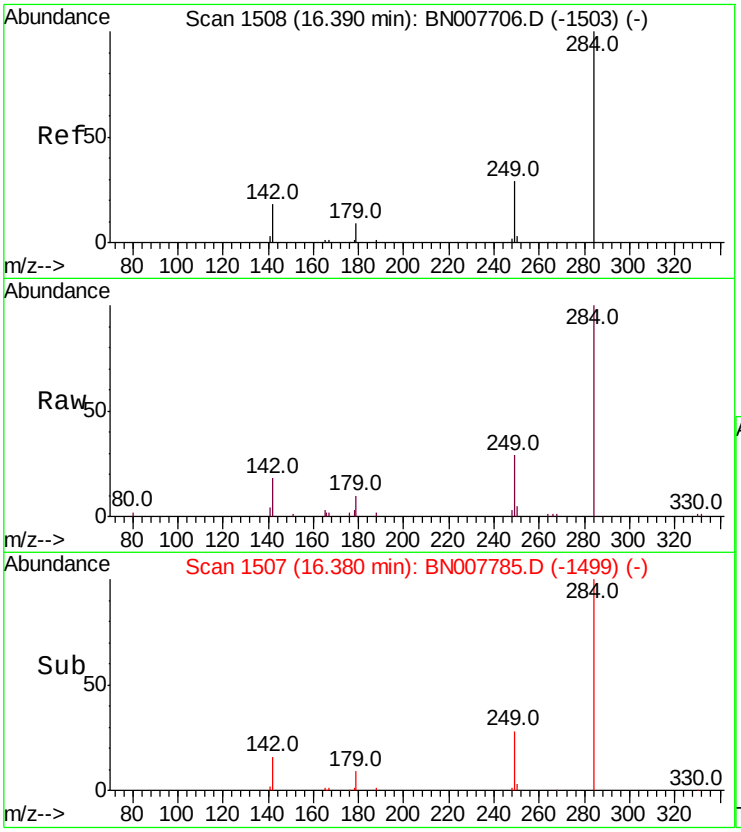


#20
4-Bromophenyl-phenylether
Concen: 0.335 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:248 Resp: 6715

Ion	Ratio	Lower	Upper
248	100		
250	104.4	82.2	123.4
141	47.7	36.3	54.5



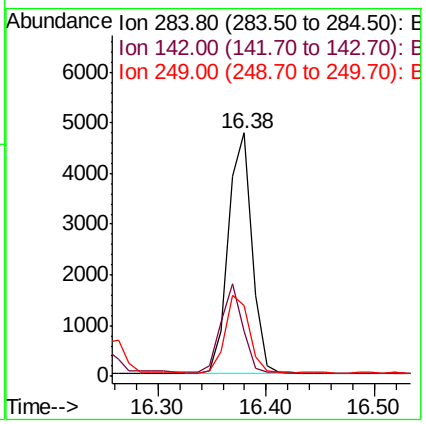


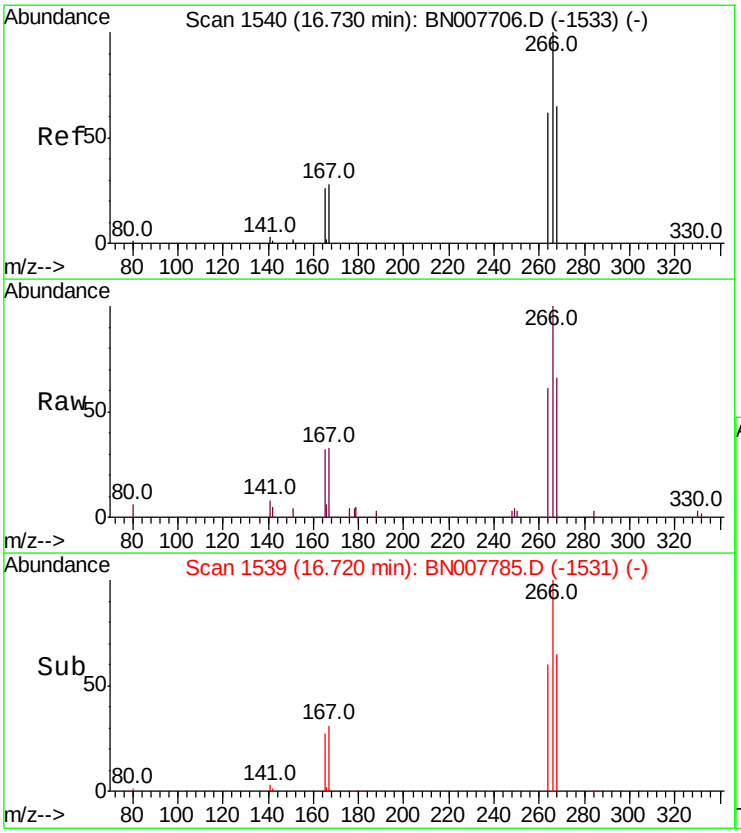
#21
Hexachlorobenzene
Concen: 0.329 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:284 Resp: 7196

Ion	Ratio	Lower	Upper
284	100		
142	34.4	25.8	38.6
249	32.5	25.9	38.9

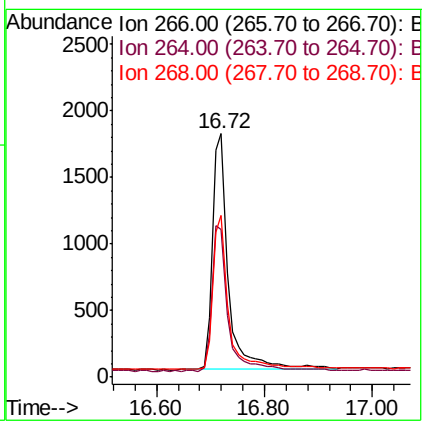


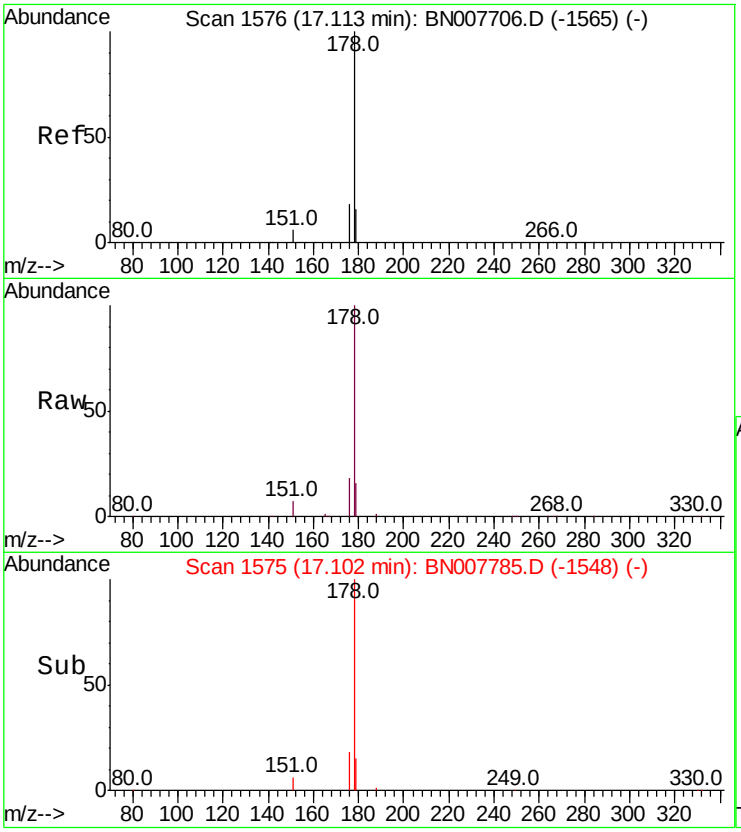


#22
Pentachlorophenol
Concen: 0.452 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:266 Resp: 3651

Ion	Ratio	Lower	Upper
266	100		
264	60.5	50.0	75.0
268	66.4	54.2	81.4



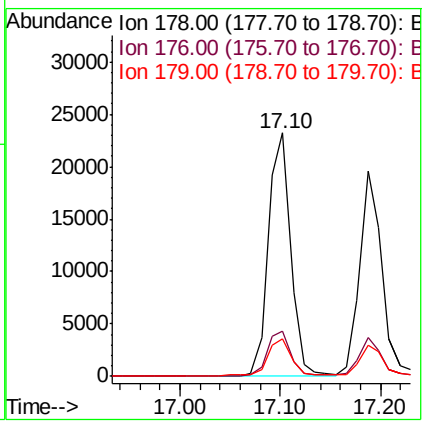


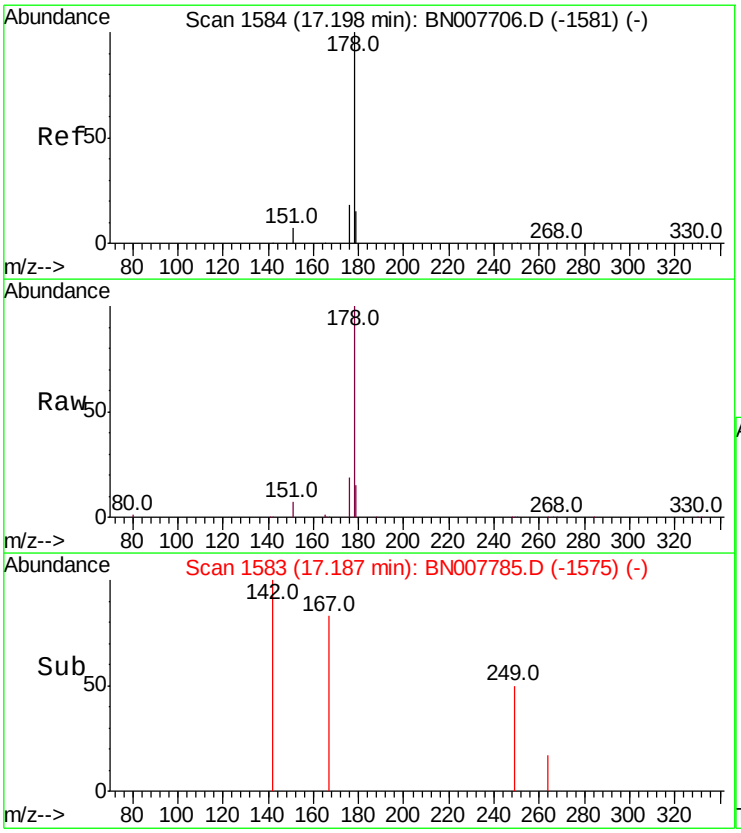
#23
Phenanthrene
Concen: 0.346 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:178 Resp: 35592

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.5	18.7

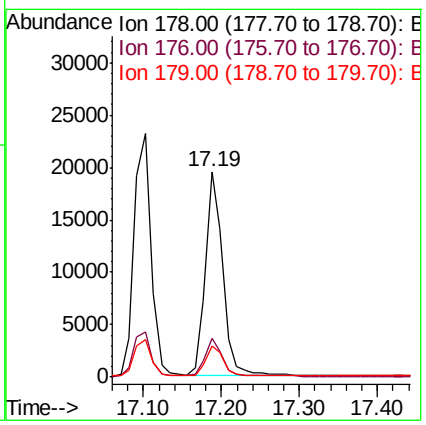


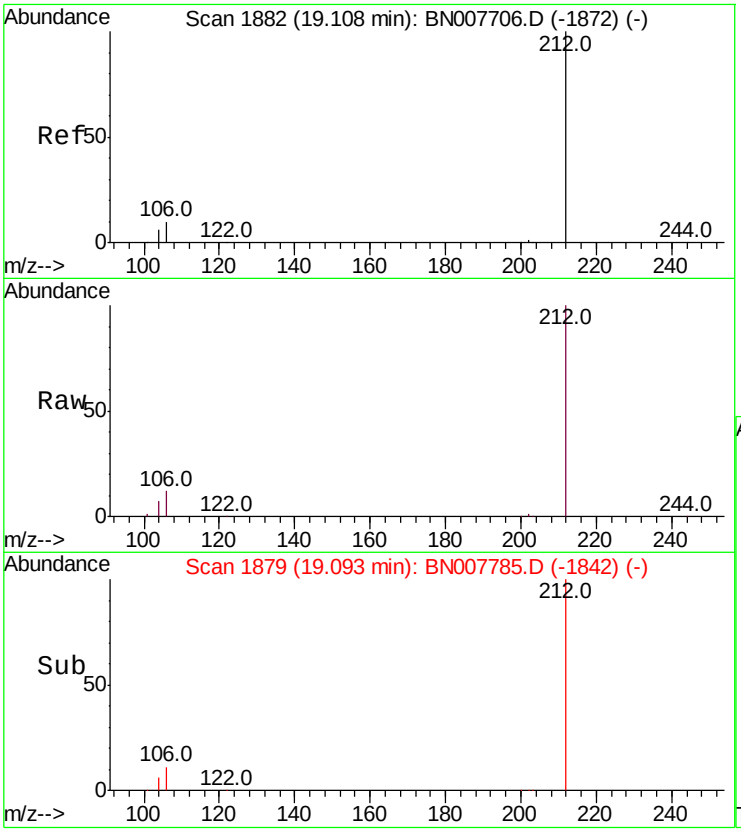


#24
Anthracene
Concen: 0.324 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:178 Resp: 30062

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.4	12.2	18.4



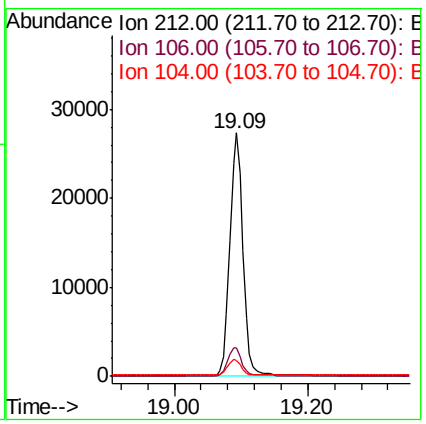


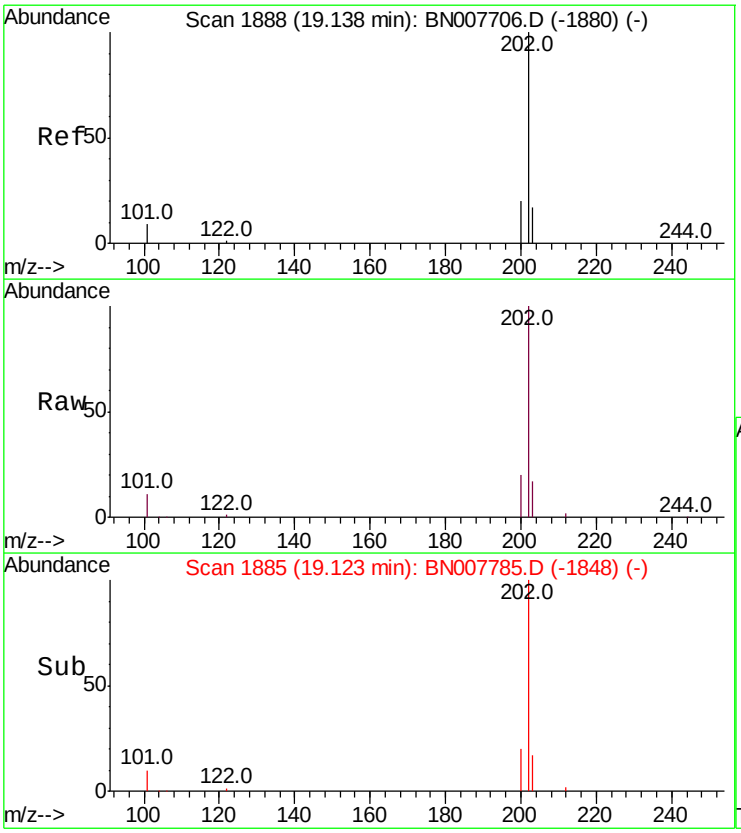
#25
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:212 Resp: 37545

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.4	14.0
104	6.7	5.3	7.9

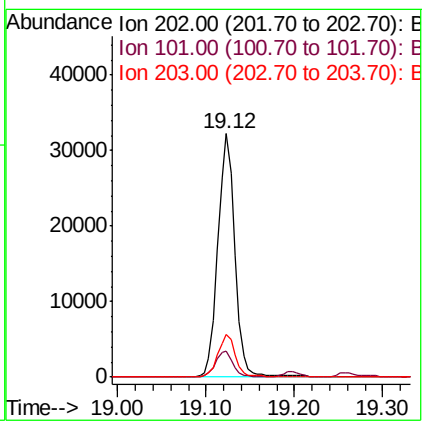


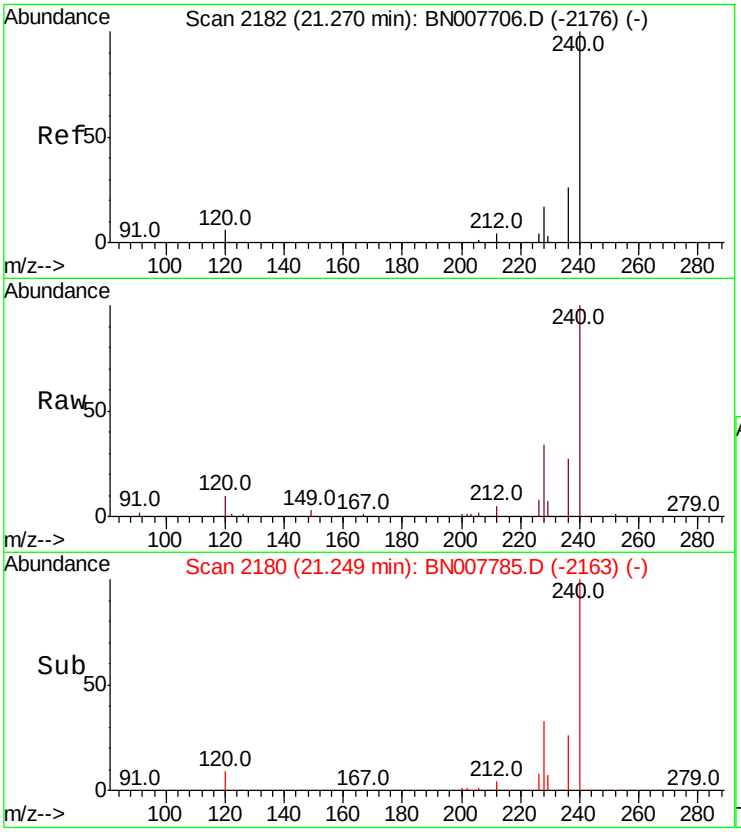


#26
Fluoranthene
Concen: 0.331 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:202 Resp: 42329

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	17.3	13.8	20.8



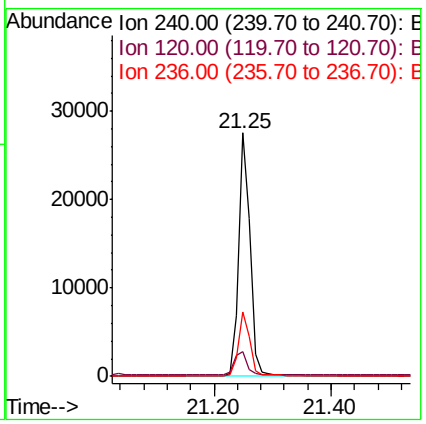


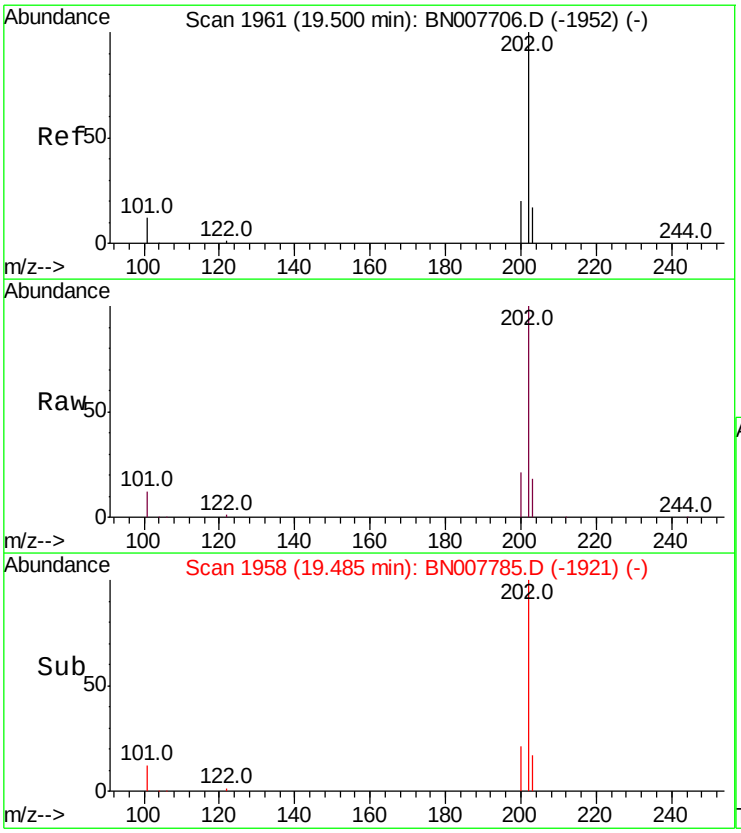
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:240 Resp: 35830

Ion	Ratio	Lower	Upper
240	100		
120	10.2	5.4	8.2#
236	26.7	21.0	31.4

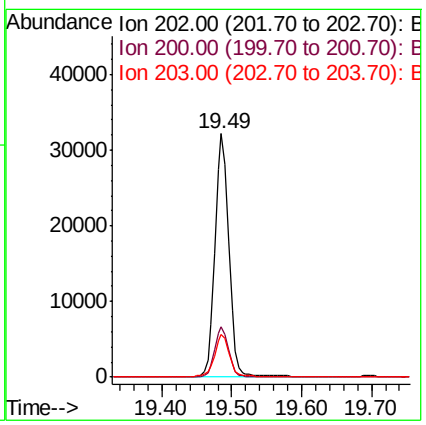


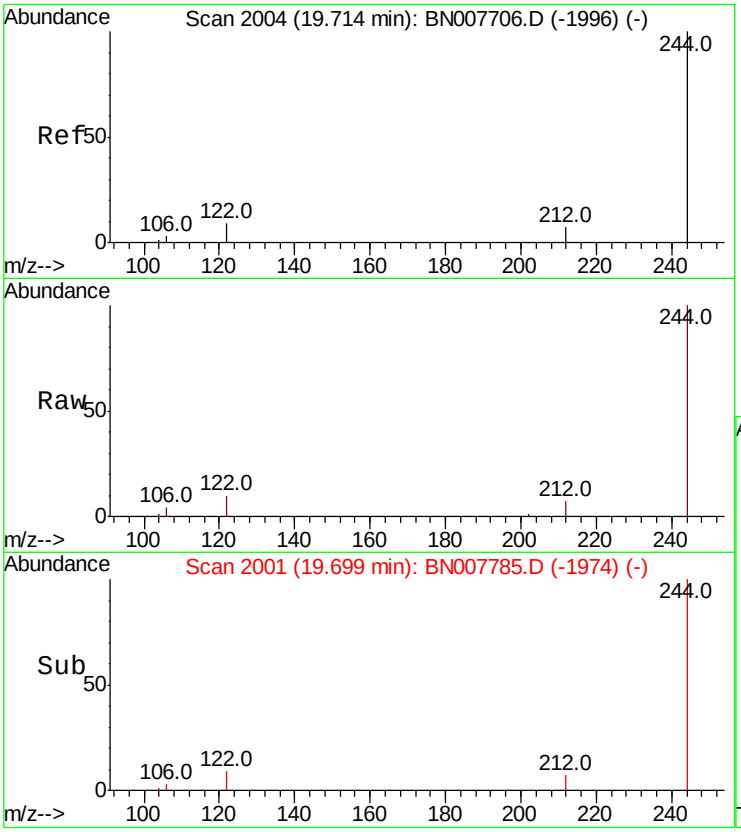


#28
Pyrene
Concen: 0.360 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:202 Resp: 43973

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.8	14.1	21.1



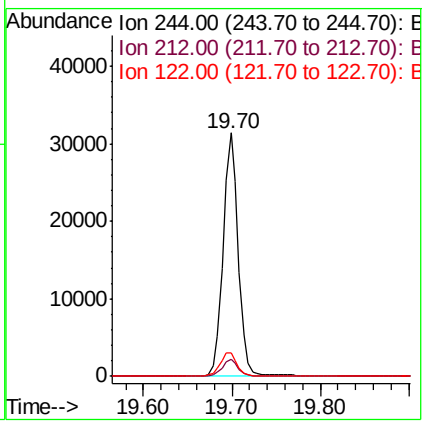


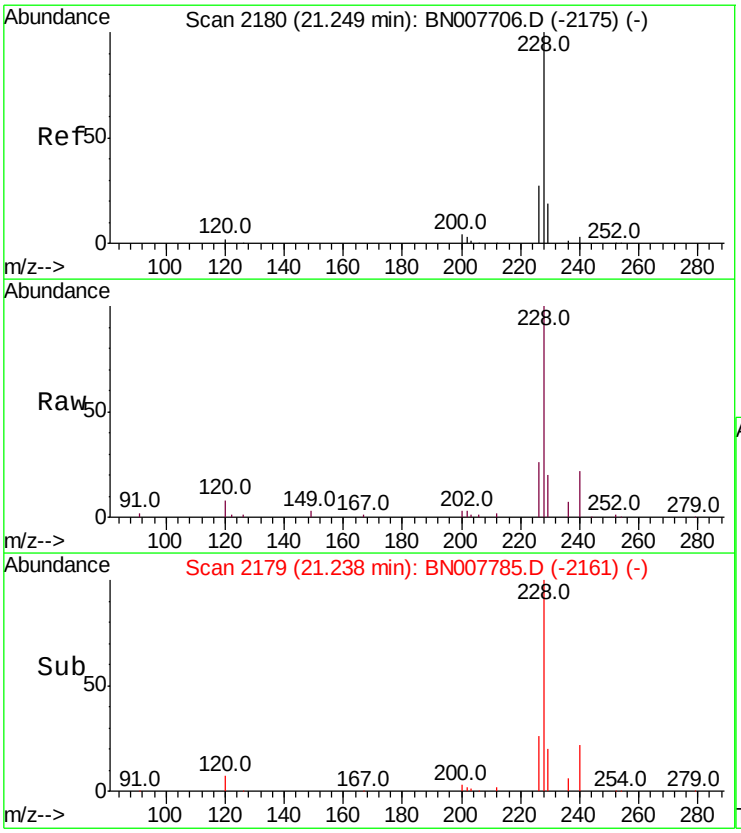
#29
Terphenyl-d14
Concen: 0.423 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:244 Resp: 37220

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.6	7.4	11.2

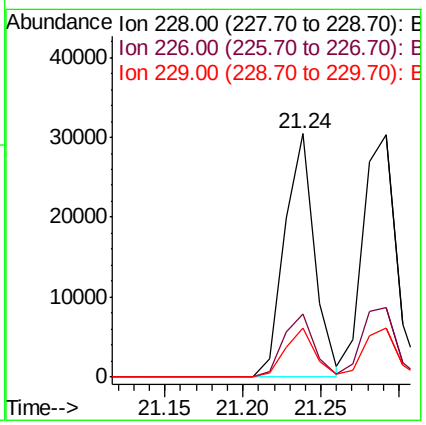


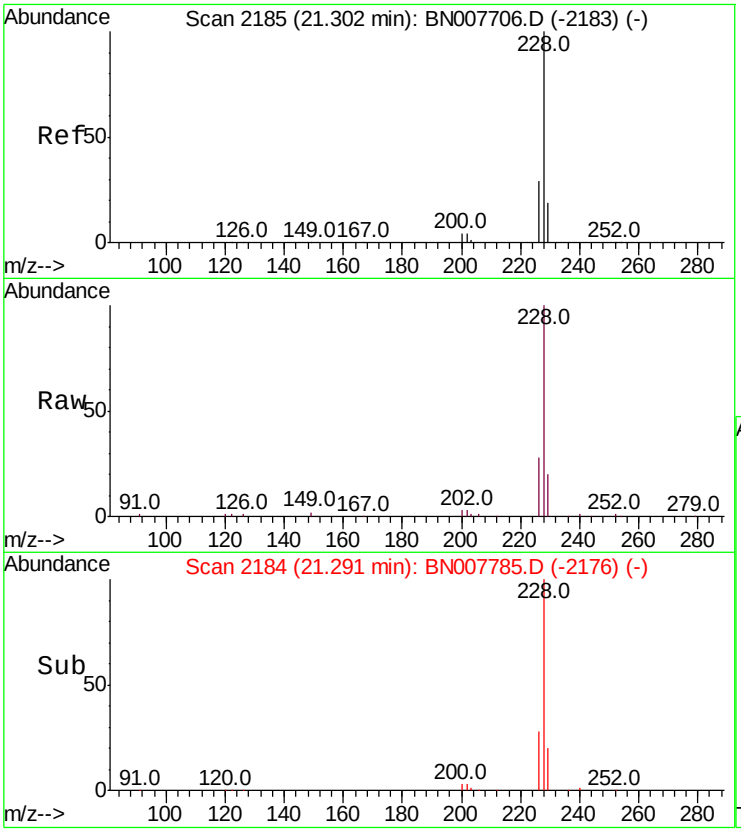


#30
Benzo(a)anthracene
Concen: 0.305 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:228 Resp: 40225

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.1	33.1
229	19.9	15.8	23.6



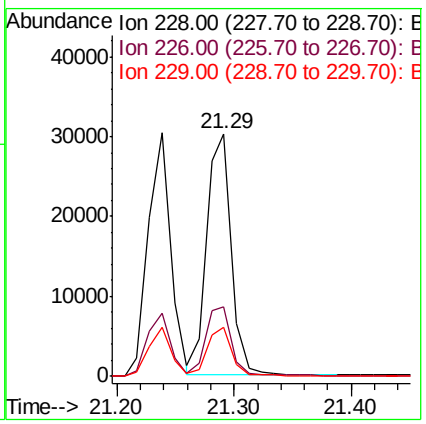


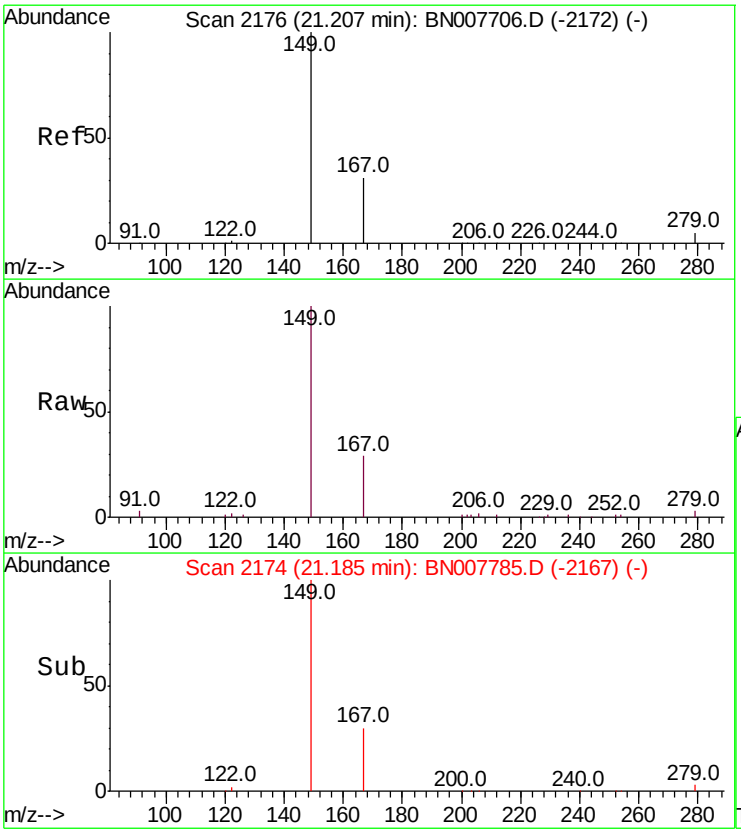
#31
Chrysene
Concen: 0.346 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:228 Resp: 44459

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.9	35.9
229	20.1	15.8	23.6

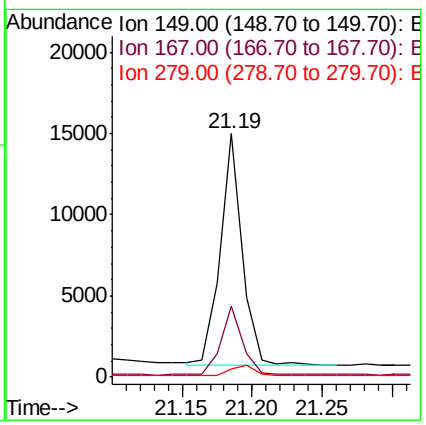


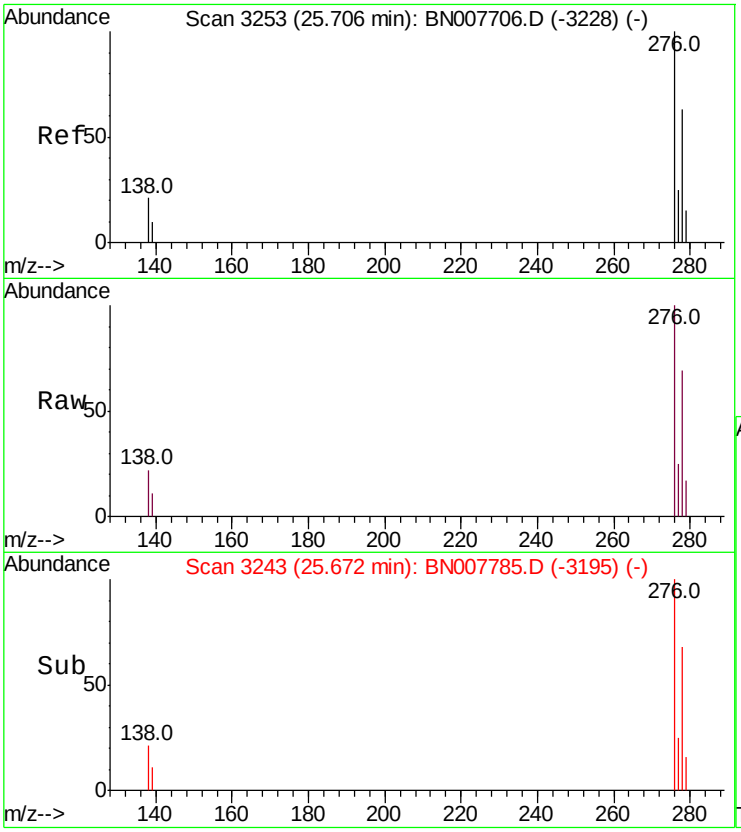


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.231 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:149 Resp: 15642

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.7	35.5
279	5.0	4.2	6.2



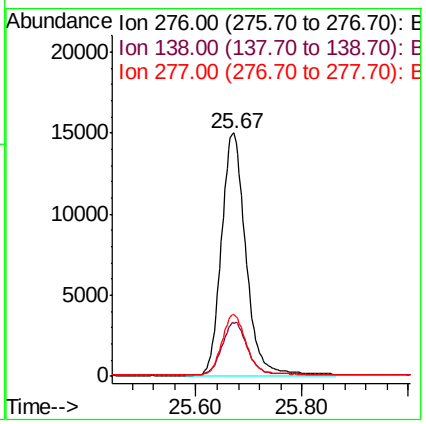


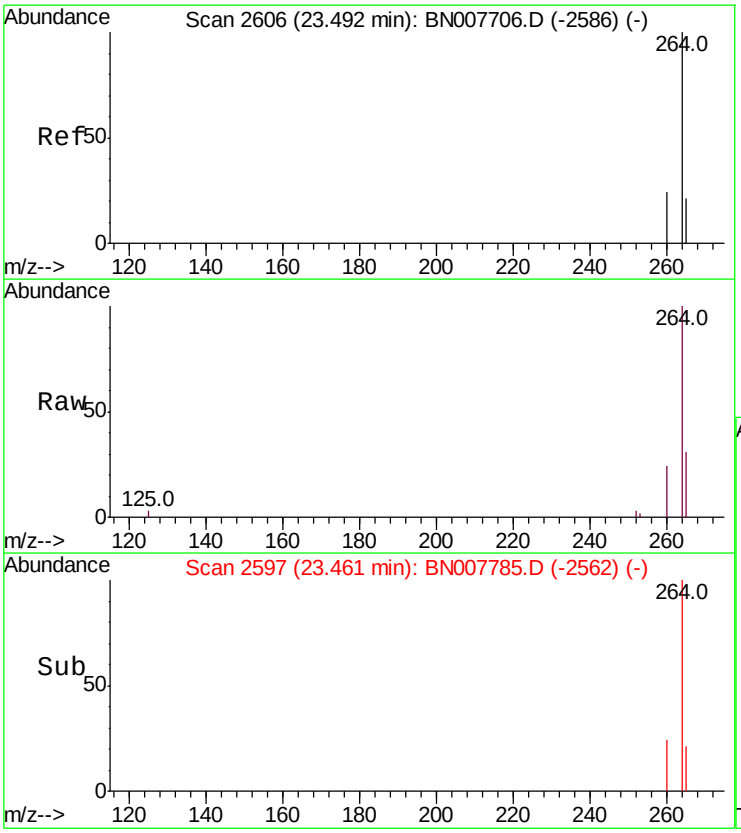
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng
RT: 25.67 min Scan# 3243
Delta R.T. -0.03 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:276 Resp: 47715

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.1	25.7
277	24.8	20.0	30.0

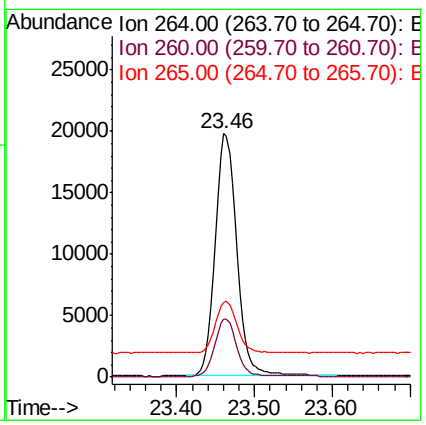


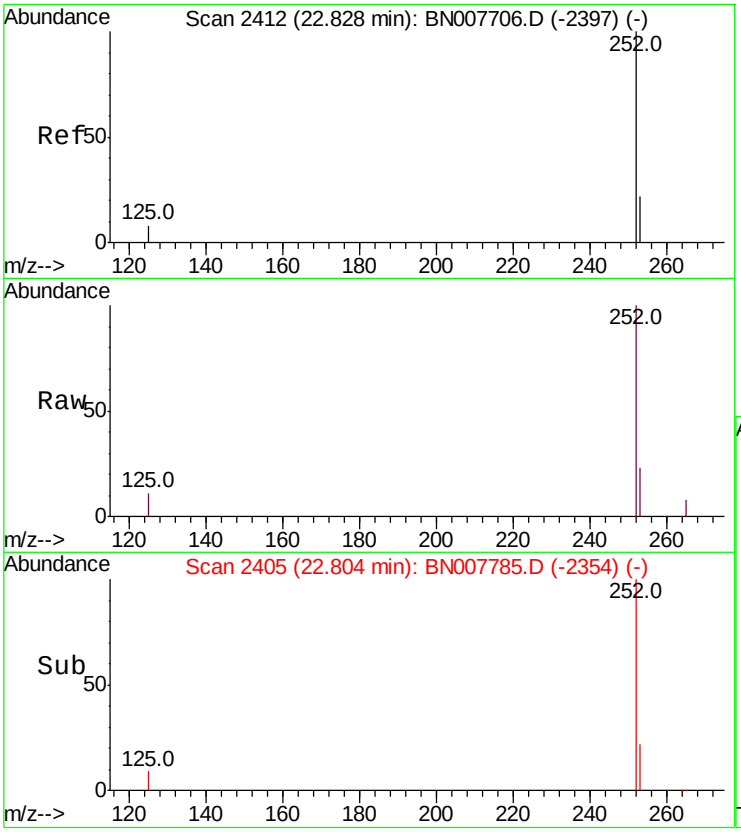


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:264 Resp: 38065

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	30.9	26.9	40.3



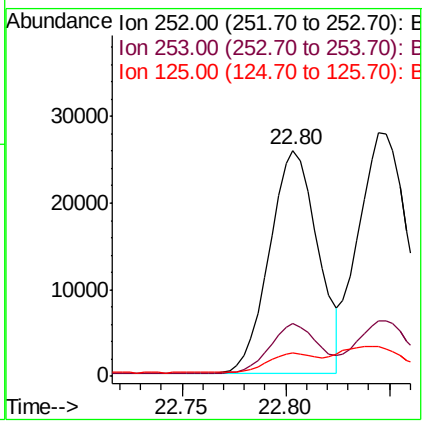


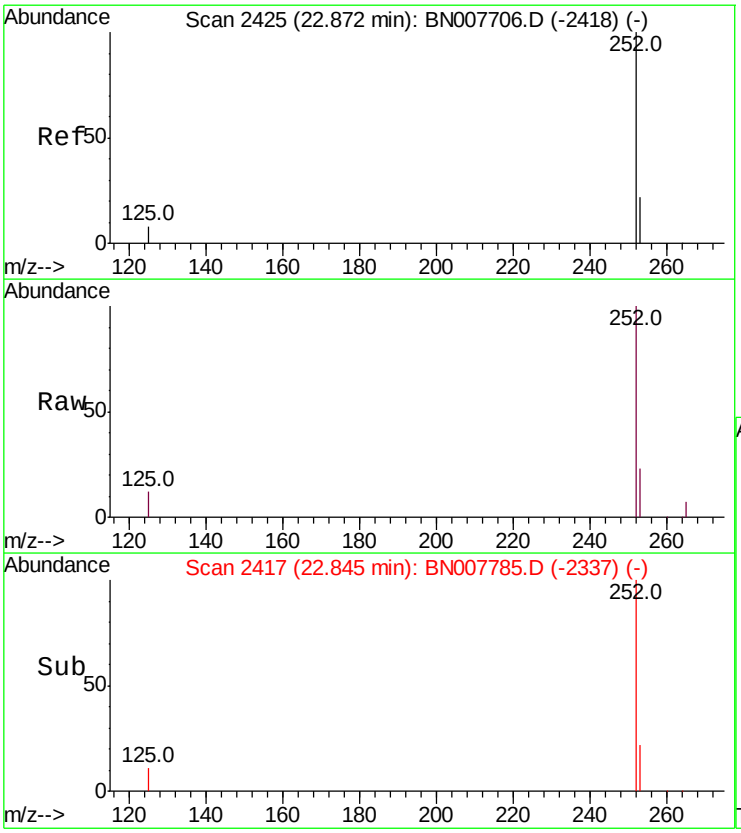
#35
Benzo(b)fluoranthene
Concen: 0.317 ng
RT: 22.80 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:252 Resp: 41861

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	10.6	8.2	12.4

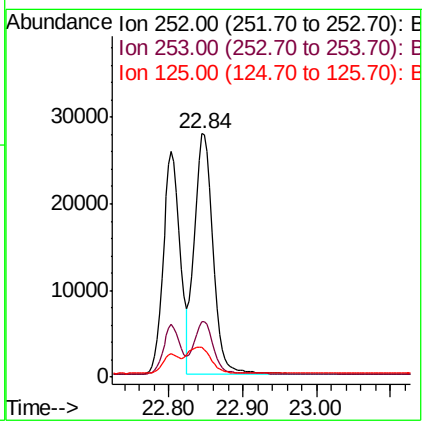


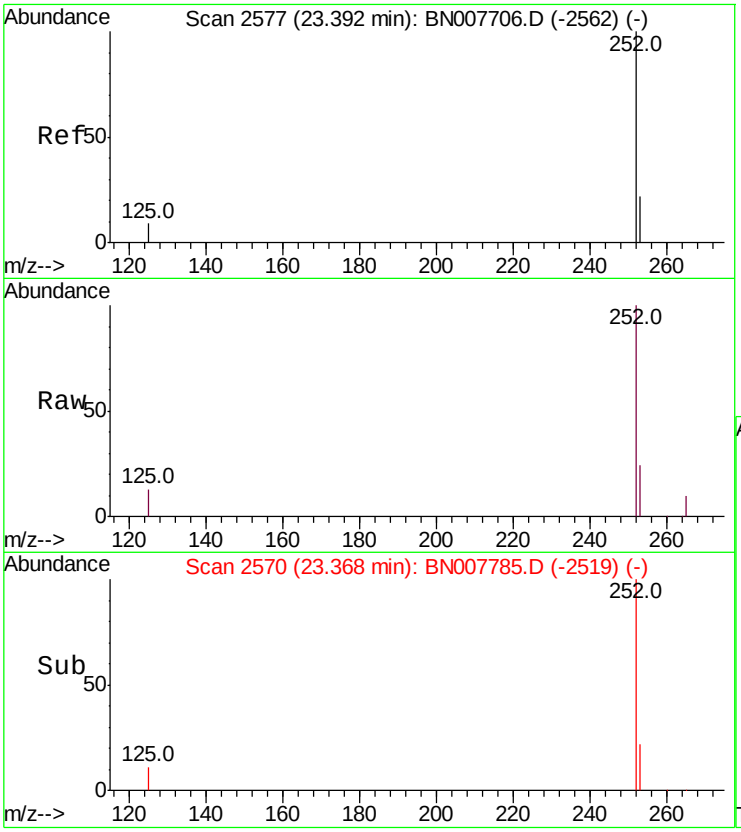


#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 22.84 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:252 Resp: 48594

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	12.1	8.4	12.6



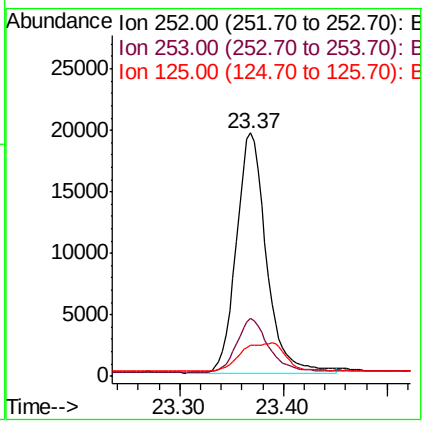


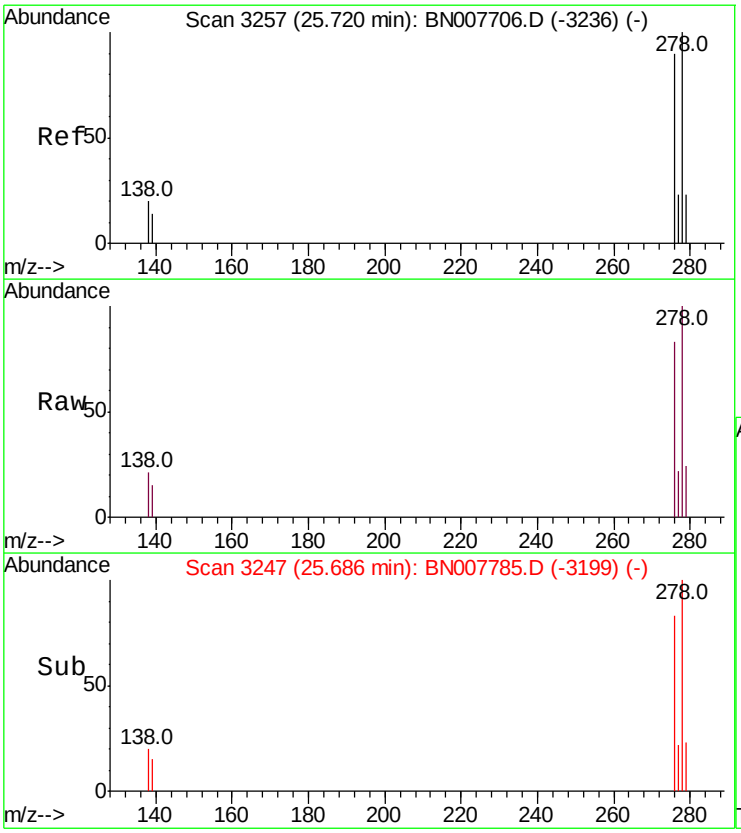
#37
Benzo(a)pyrene
Concen: 0.314 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:252 Resp: 38993

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	12.7	9.4	14.0

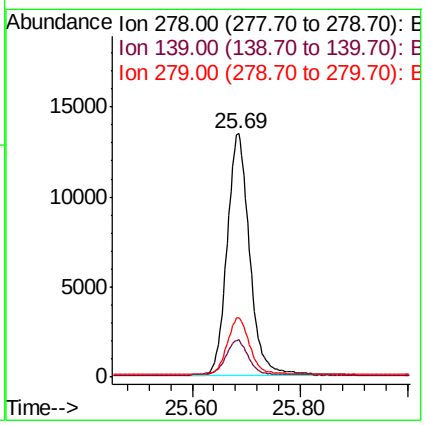


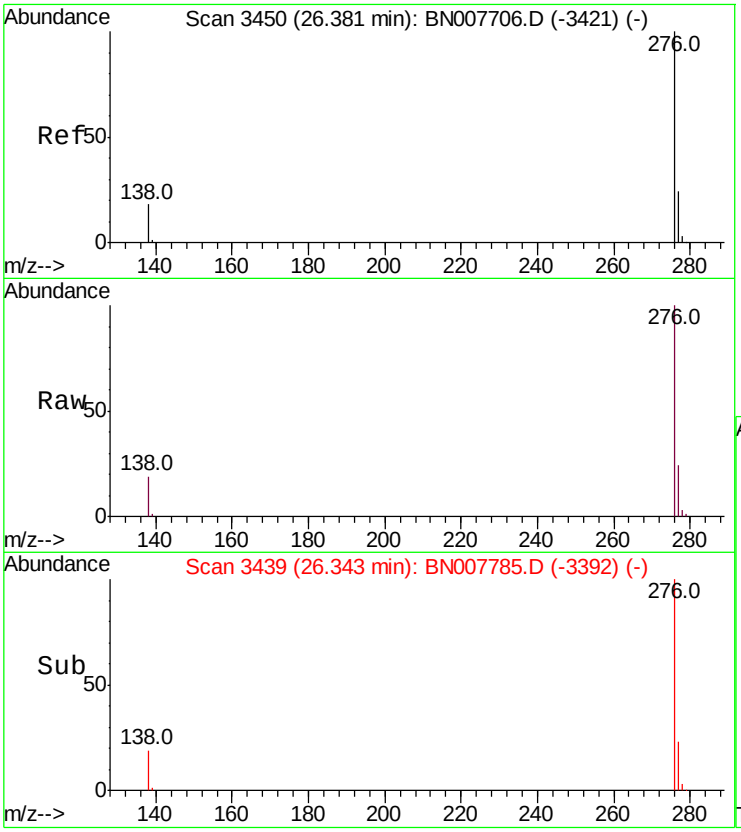


#38
Dibenzo(a,h)anthracene
Concen: 0.311 ng
RT: 25.69 min Scan# 3247
Delta R.T. -0.03 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Tgt Ion:278 Resp: 39563

Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.8	17.6
279	24.4	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.313 ng
RT: 26.34 min Scan# 3439
Delta R.T. -0.04 min
Lab File: BN007785.D
Acq: 21 Sep 2019 04:53

Instrument :
BNA_N
ClientSampleId :
RE132D2-20190916MS

Tgt Ion:276 Resp: 39409

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	19.3	15.1	22.7