Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082919\

Quantitation Report (Not Reviewed)

Data File : BN007511.D
Acq On : 29 Aug 2019 20:30
Operator : HP/JU
Sample : PB122534BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB122534BSD

Quant Time: Aug 30 02:00:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4569	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	20264	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	13306	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	35463	0.40	ng		0.00
27) Chrysene-d12	21.02	240	39413	0.40	ng		0.00
34) Perylene-d12	23.12	264	36299	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	5458	0.34	ng		0.00
5) Phenol-d6	6.59	99	7696	0.38	ng		0.00
8) Nitrobenzene-d5	8.53	82	5763	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	13583	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2483	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	16905	0.32	ng		0.00
25) Fluoranthene-d10	18.84	212	42388	0.37	ng		0.00
29) Terphenyl-d14	19.46	244	32698	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	1725	0.227	ng	#	64
3) n-Nitrosodimethylamine	3.33	42	797	0.226	ng	#	1
6) bis(2-Chloroethyl)ether	6.83	93	5257	0.319	ng		95
9) Naphthalene	10.20	128	18989	0.328	ng	#	90
10) Hexachlorobutadiene	10.51	225	3222	0.272	ng	#	99
12) 2-Methylnaphthalene	11.83	142	13460	0.341	ng		96
16) Acenaphthylene	13.75	152	22925	0.291	ng		100
17) Acenaphthene	14.11	154	14251	0.309	ng		98
18) Fluorene	15.10	166	19336	0.332	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	2098	0.150	ng	#	91
21) Hexachlorobenzene	16.11	284	7427	0.312	ng		97
22) Pentachlorophenol	16.46	266	2455	0.332	ng	#	63
23) Phenanthrene	16.83	178	35202	0.330	ng		99
24) Anthracene	16.93	178	33041	0.308	ng		99
26) Fluoranthene	18.87	202	47741	0.349	ng		98
28) Pyrene	19.23	202	49158	0.310	ng		99
30) Benzo(a)anthracene	21.00	228	46962	0.303	ng		98
31) Chrysene	21.05	228	46701	0.313	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	28062	0.261	ng		99
33) Indeno(1,2,3-cd)pyrene	25.18	276	42119	0.234	ng		97
35) Benzo(b)fluoranthene	22.50	252	42500	0.323	ng		97
36) Benzo(k)fluoranthene	22.54	252	45662	0.351	ng		99
37) Benzo(a)pyrene	23.03	252	40740	0.326	ng	#	96
38) Dibenzo(a,h)anthracene	25.20	278	34002	0.272	ng		98
39) Benzo(g,h,i)perylene	25.81	276	35029	0.282	ng		99

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

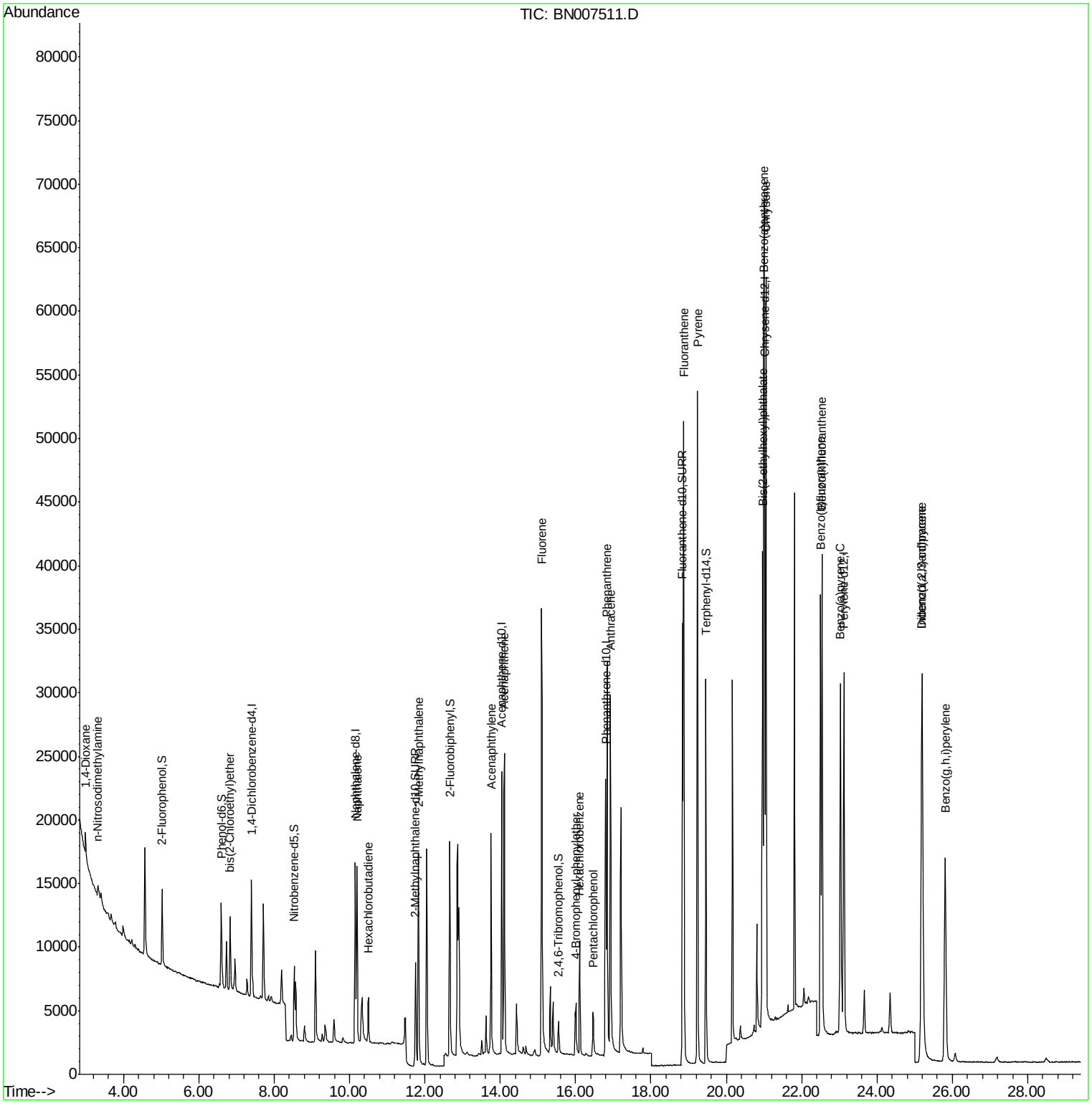
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082919\

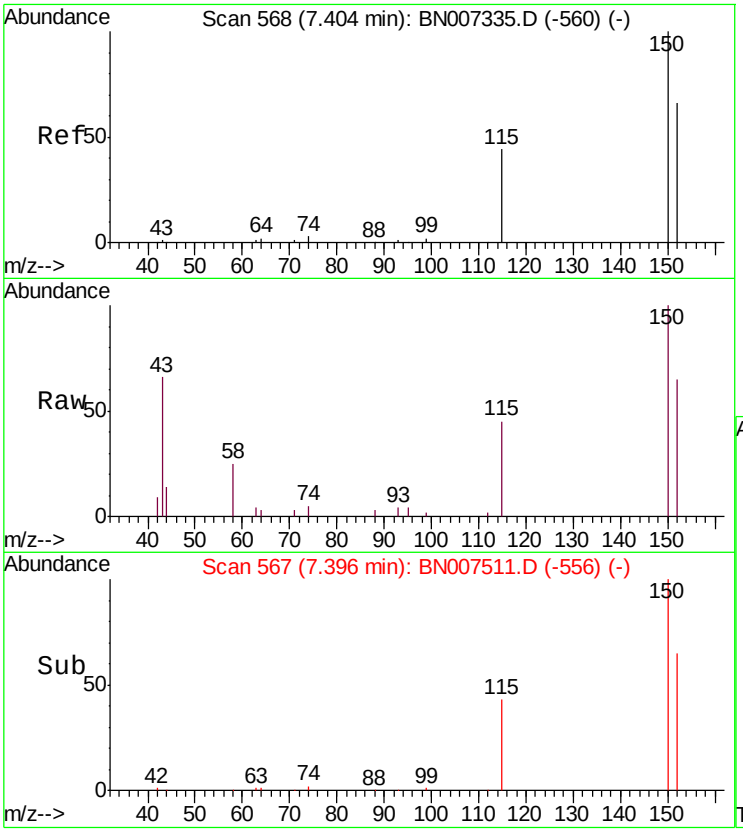
Quantitation Report (Not Reviewed)

Data File : BN007511.D
Acq On : 29 Aug 2019 20:30
Operator : HP/JU
Sample : PB122534BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Quant Time: Aug 30 02:00:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



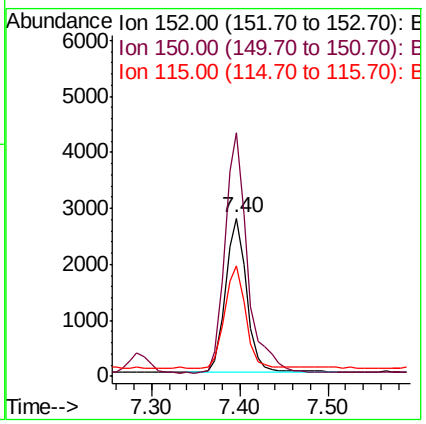


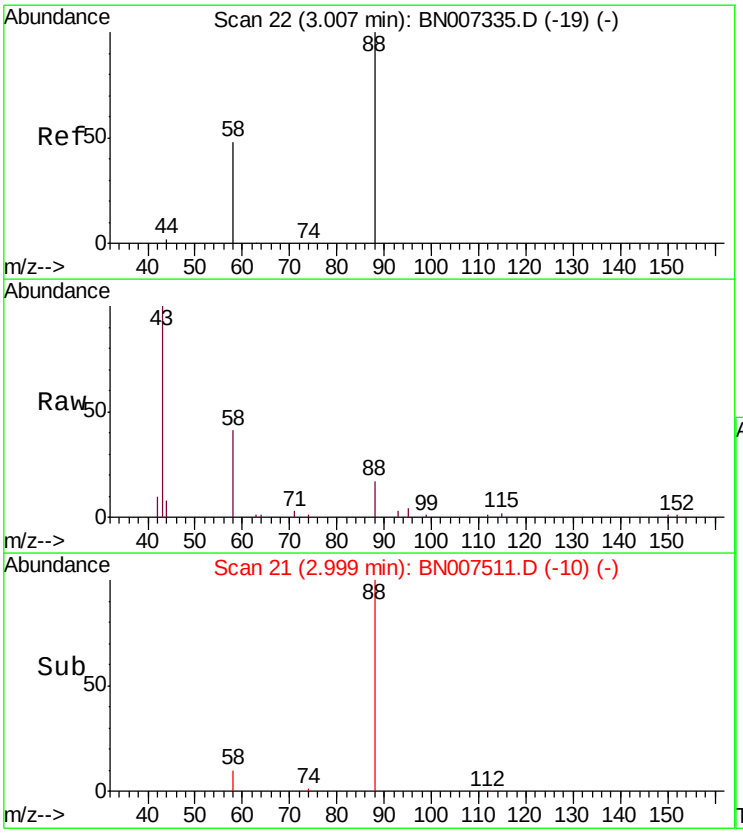
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:152 Resp: 4569

Ion	Ratio	Lower	Upper
152	100		
150	154.2	109.1	163.7
115	69.7	59.6	89.4

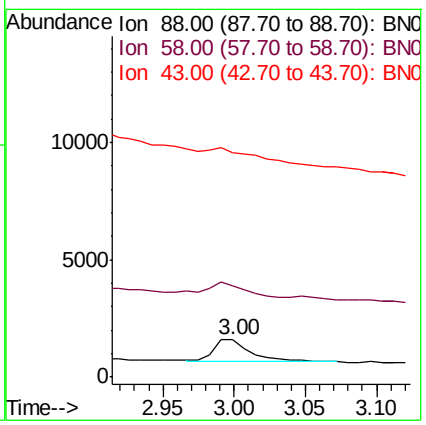


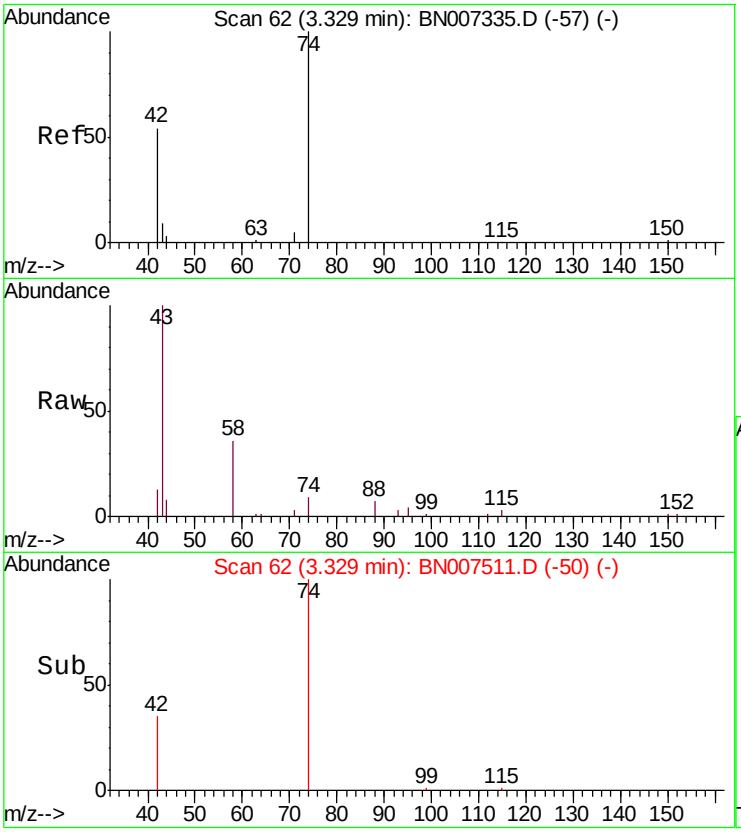


#2
1,4-Dioxane
Concen: 0.227 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion: 88 Resp: 1725

Ion	Ratio	Lower	Upper
88	100		
58	90.8	50.5	75.7#
43	0.0	0.0	0.0



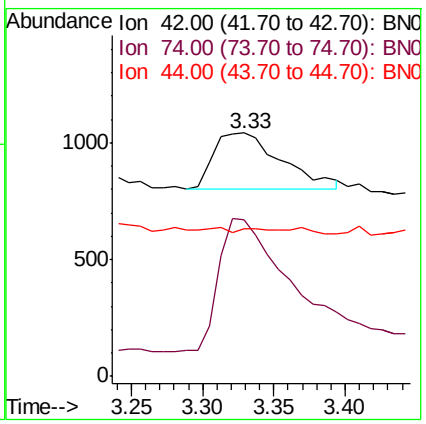


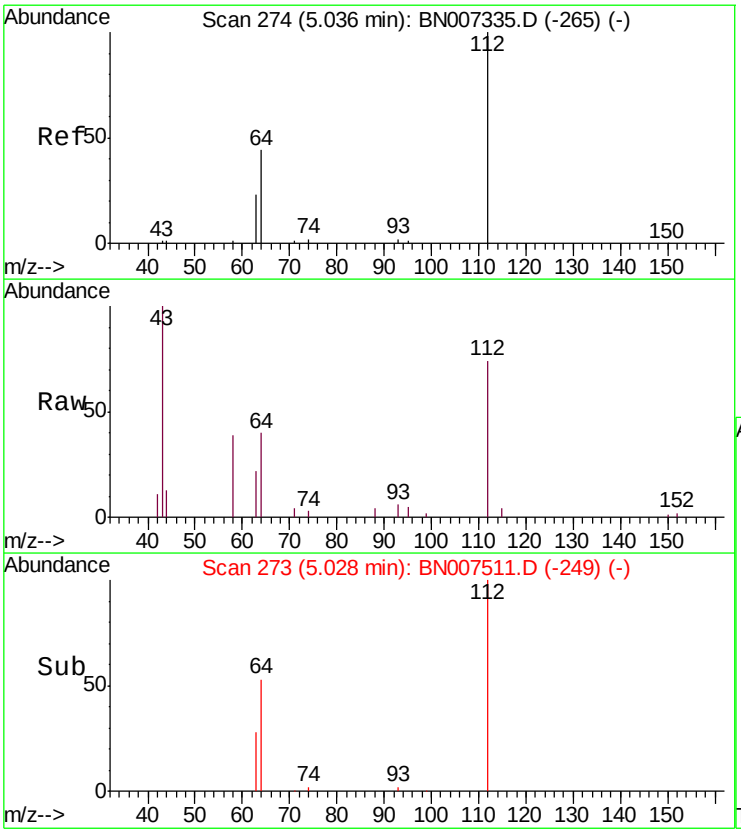
#3
n-Nitrosodimethylamine
Concen: 0.226 ng
RT: 3.33 min Scan# 62
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion: 42 Resp: 797

Ion	Ratio	Lower	Upper
42	100		
74	0.0	144.7	217.1#
44	3.3	3.2	4.8

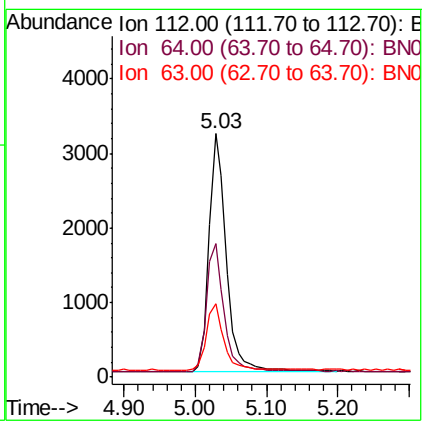


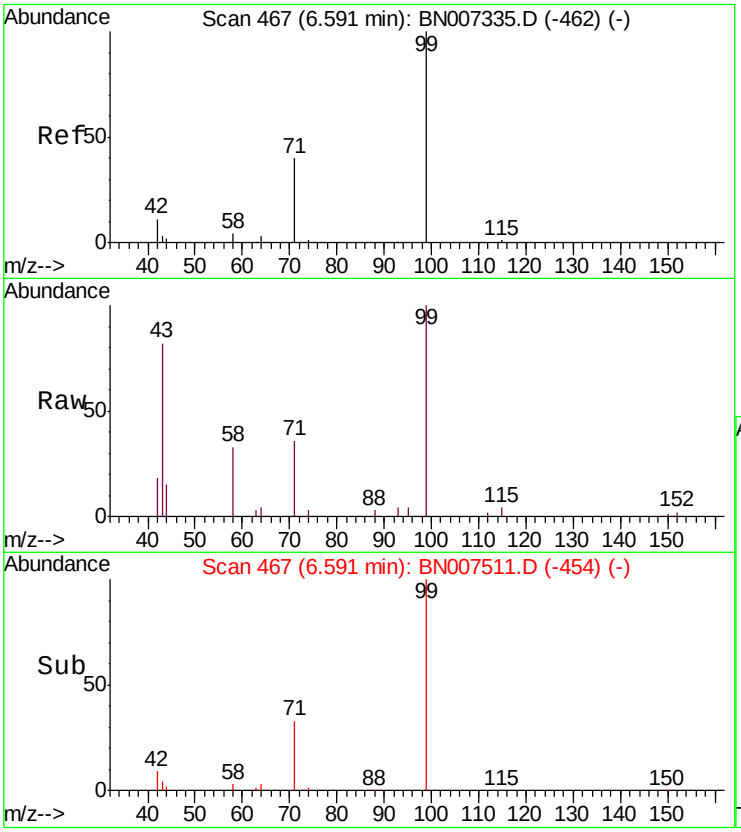


#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.03 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:112 Resp: 5458

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.3	63.5
63	27.8	23.6	35.4



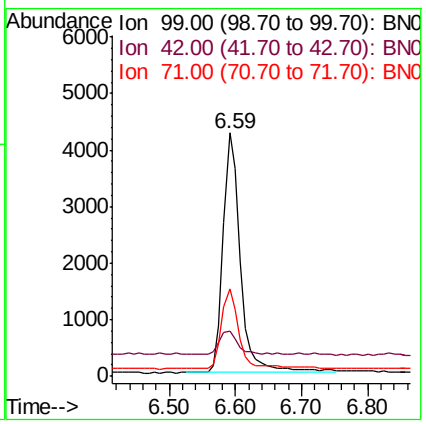


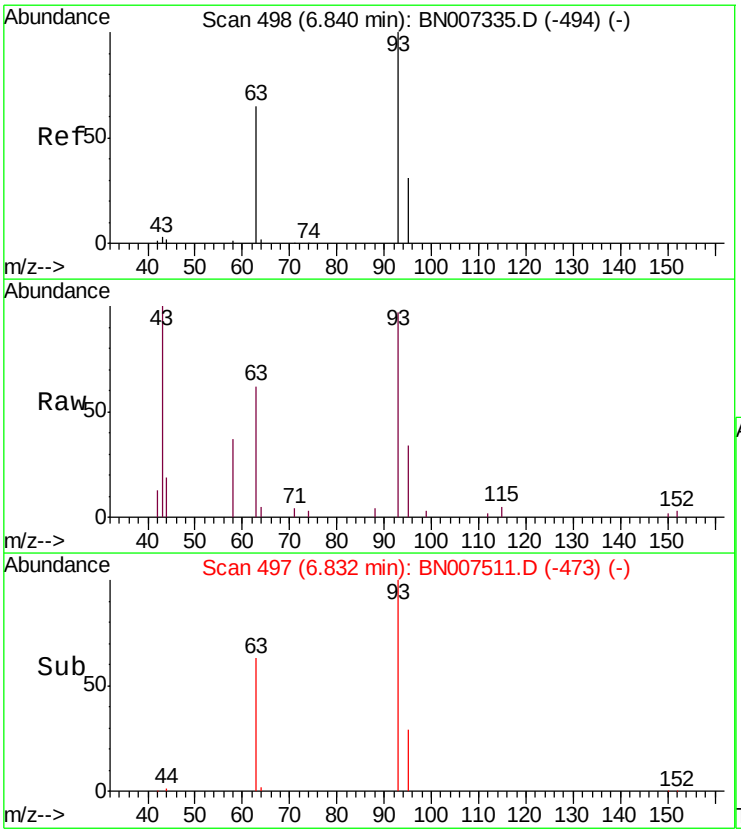
#5
Phenol-d6
Concen: 0.380 ng
RT: 6.59 min Scan# 467
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion: 99 Resp: 7696

Ion	Ratio	Lower	Upper
99	100		
42	10.7	11.2	16.8#
71	33.1	31.8	47.8

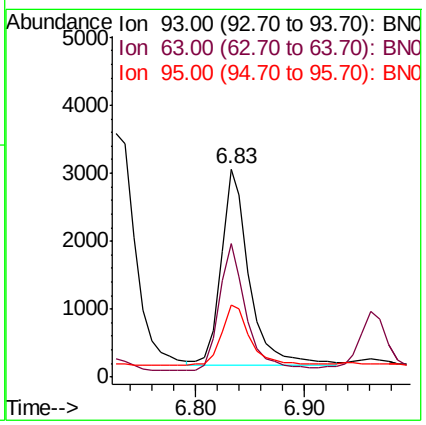


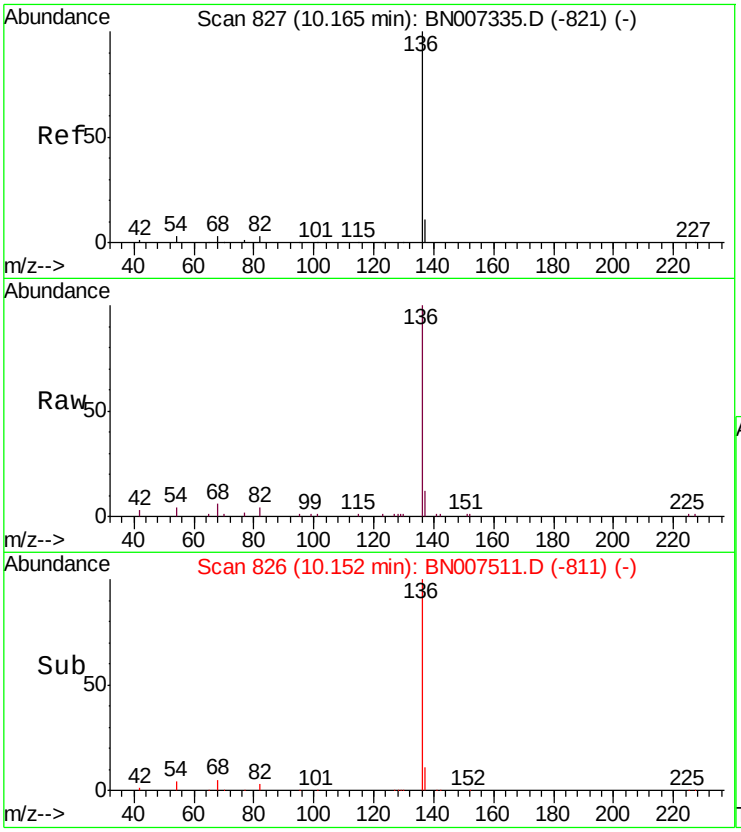


#6
bis(2-Chloroethyl)ether
Concen: 0.319 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion: 93 Resp: 5257

Ion	Ratio	Lower	Upper
93	100		
63	61.5	51.9	77.9
95	31.4	27.7	41.5



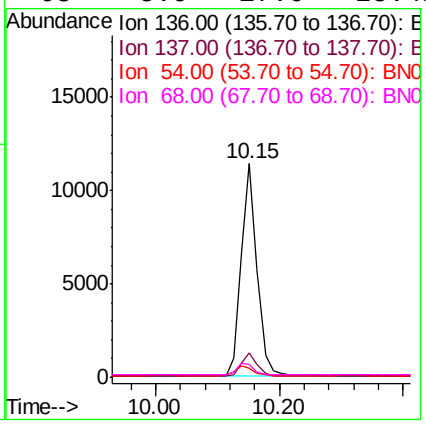


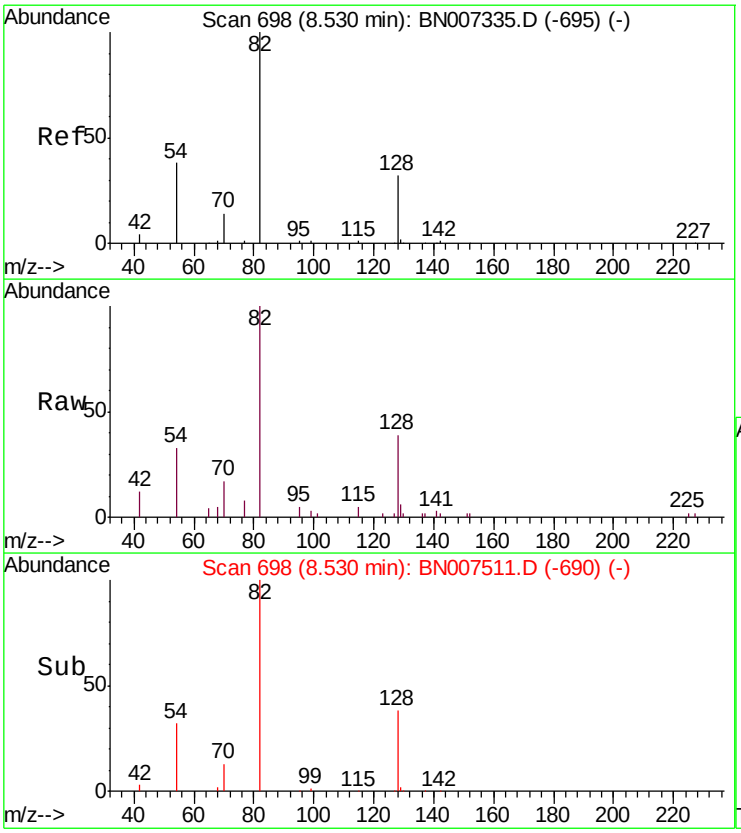
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:136 Resp: 20264

Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	4.4	8.6	12.8#
68	5.9	17.0	25.4#

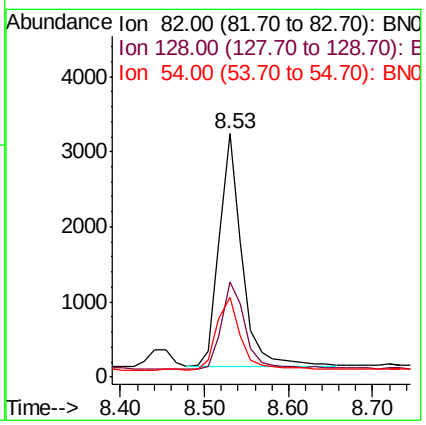


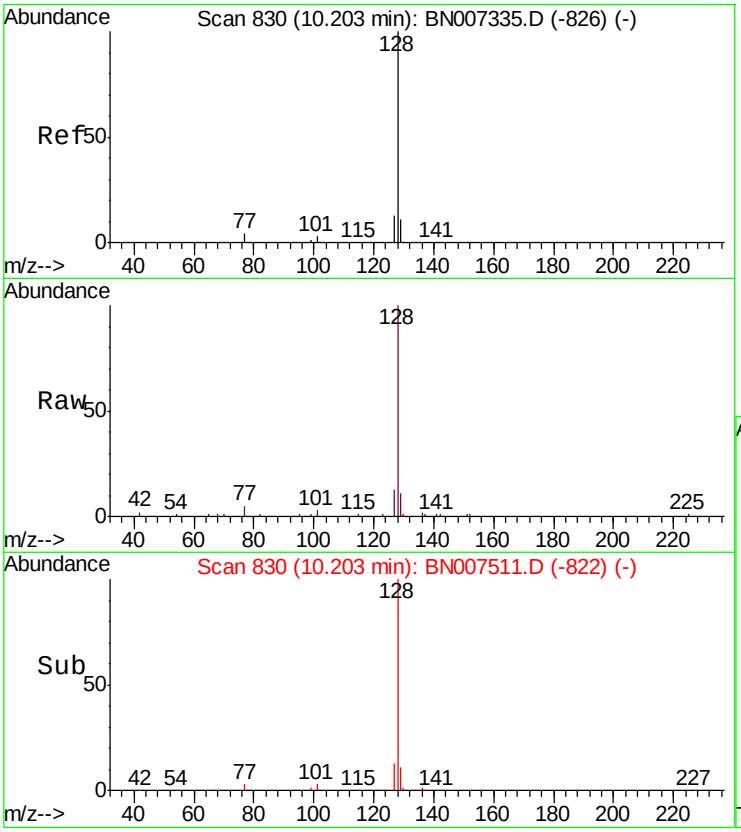


#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion: 82 Resp: 5763

Ion	Ratio	Lower	Upper
82	100		
128	39.2	19.7	29.5#
54	33.0	25.8	38.6



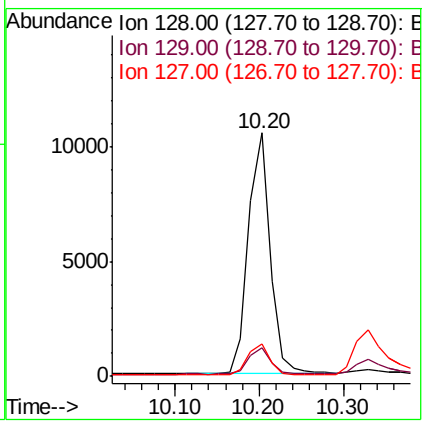


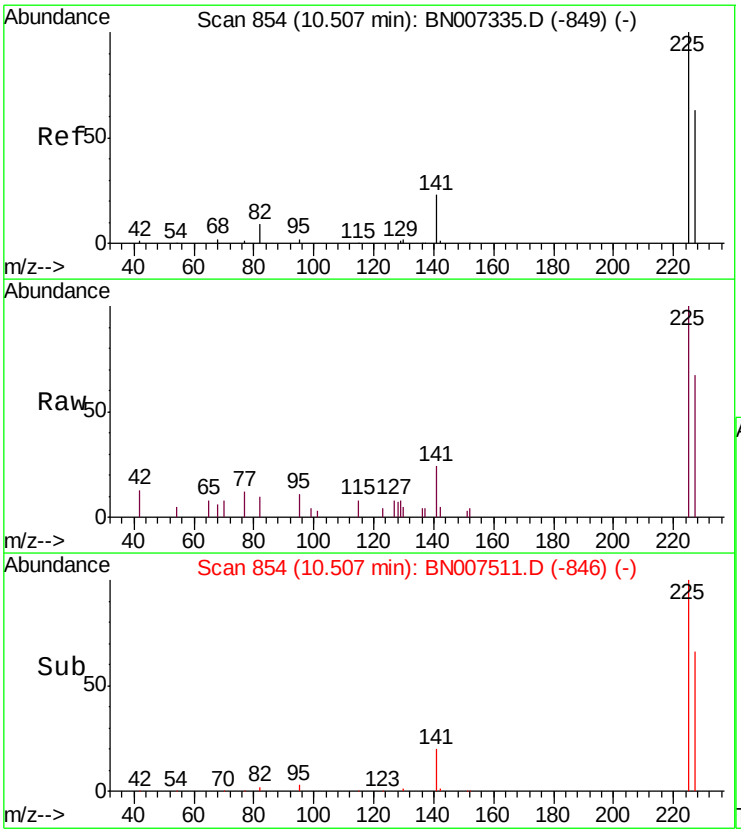
#9
Naphthalene
Concen: 0.328 ng
RT: 10.20 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:128 Resp: 18989

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.1	16.7
127	13.4	15.5	23.3#

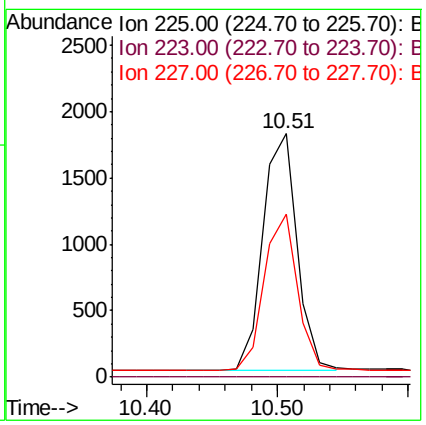


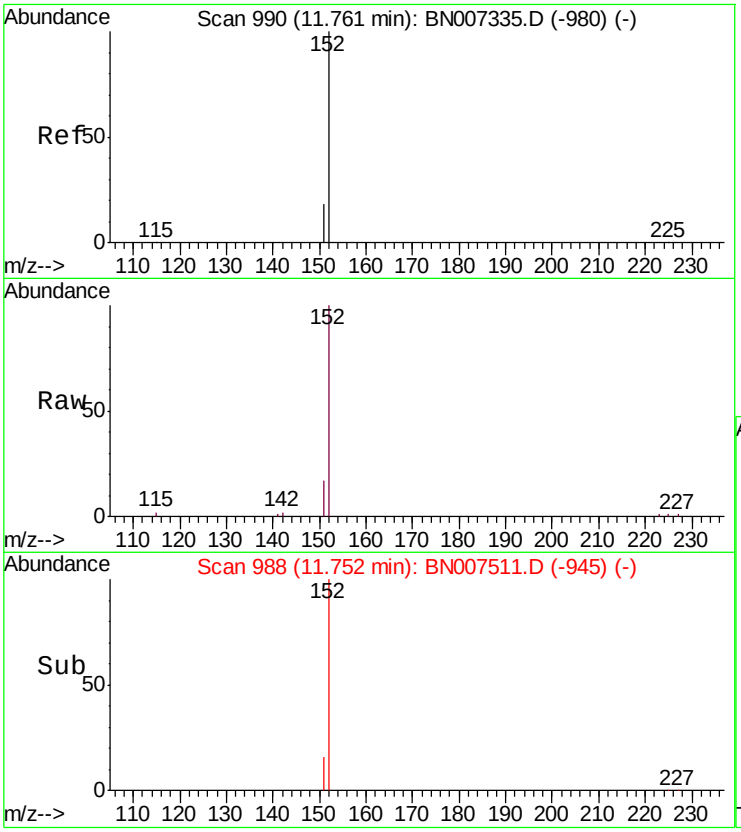


#10
Hexachlorobutadiene
Concen: 0.272 ng
RT: 10.51 min Scan# 854
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:225 Resp: 3222

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.7	76.1



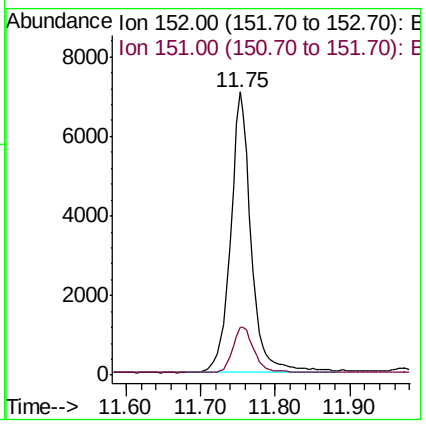


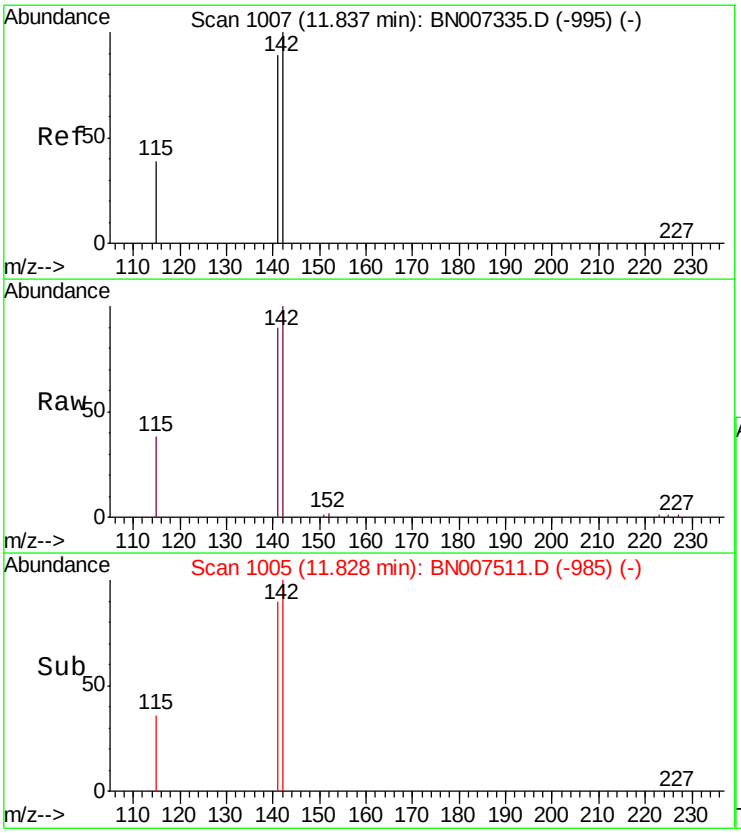
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:152 Resp: 13583

Ion	Ratio	Lower	Upper
152	100		
151	17.0	16.2	24.2

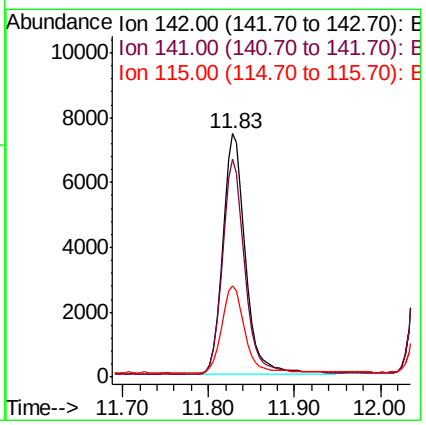


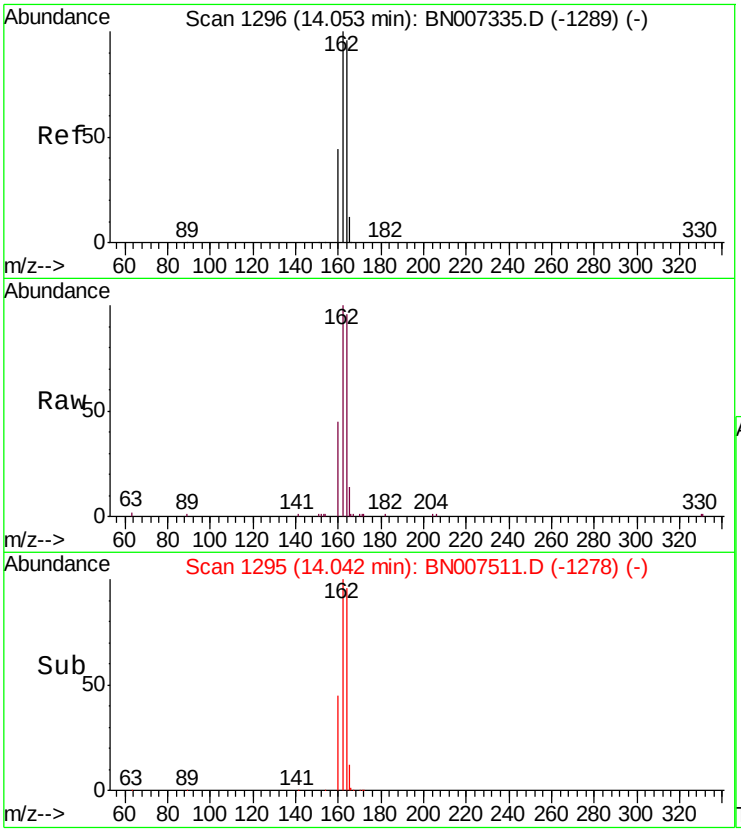


#12
2-Methylnaphthalene
Concen: 0.341 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:142 Resp: 13460

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.8	109.2
115	37.6	35.2	52.8



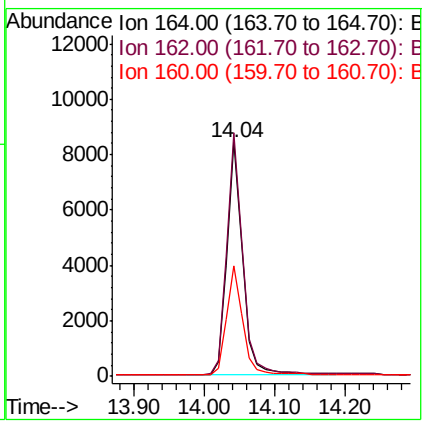


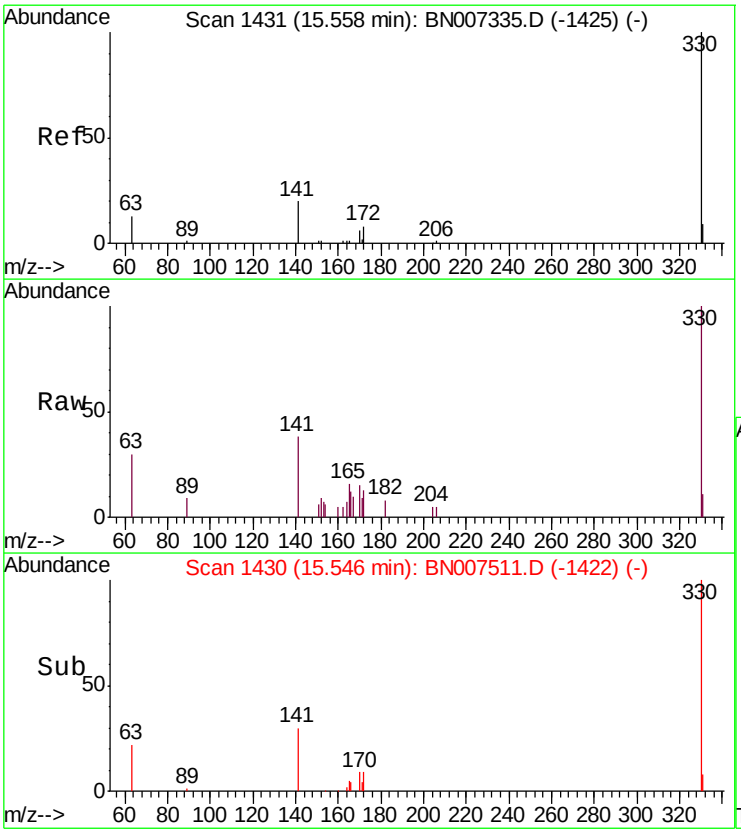
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:164 Resp: 13306

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.5	125.3
160	47.0	38.2	57.4

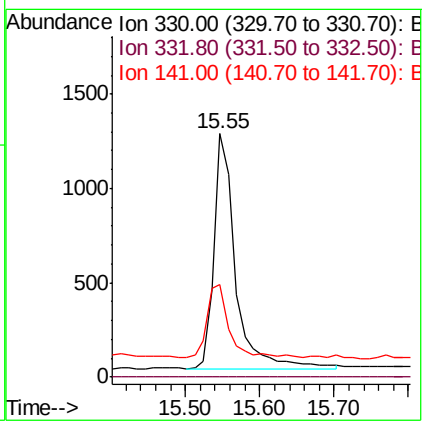


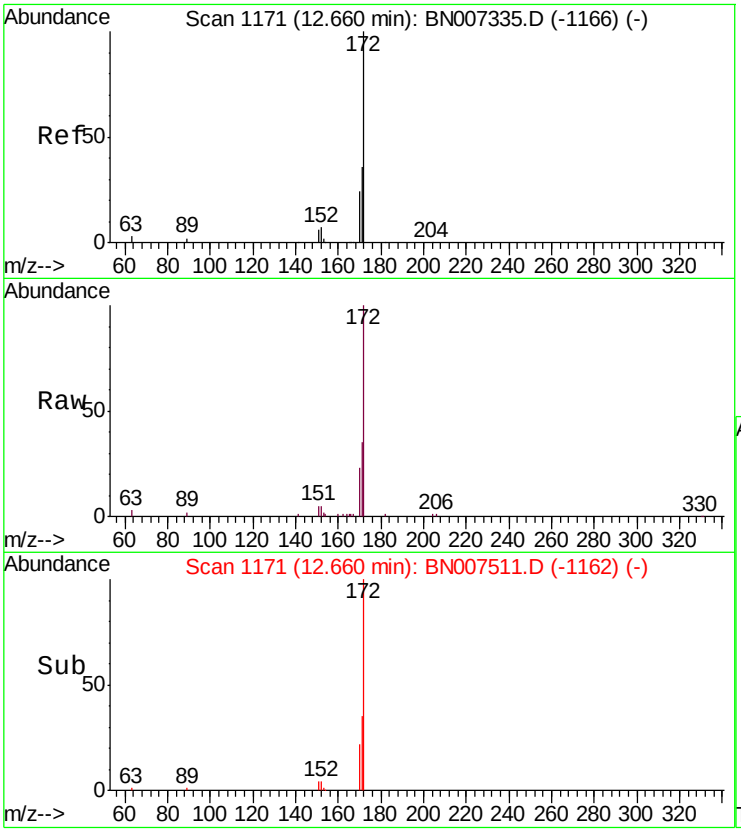


#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:330 Resp: 2483

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.5	26.9	40.3



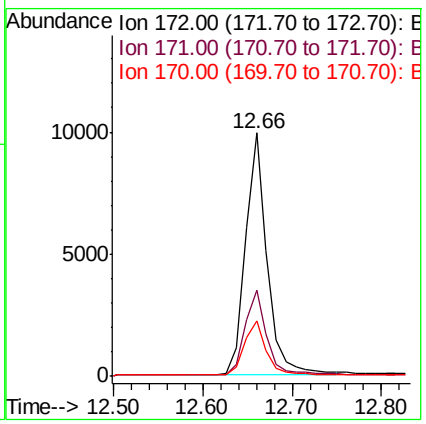


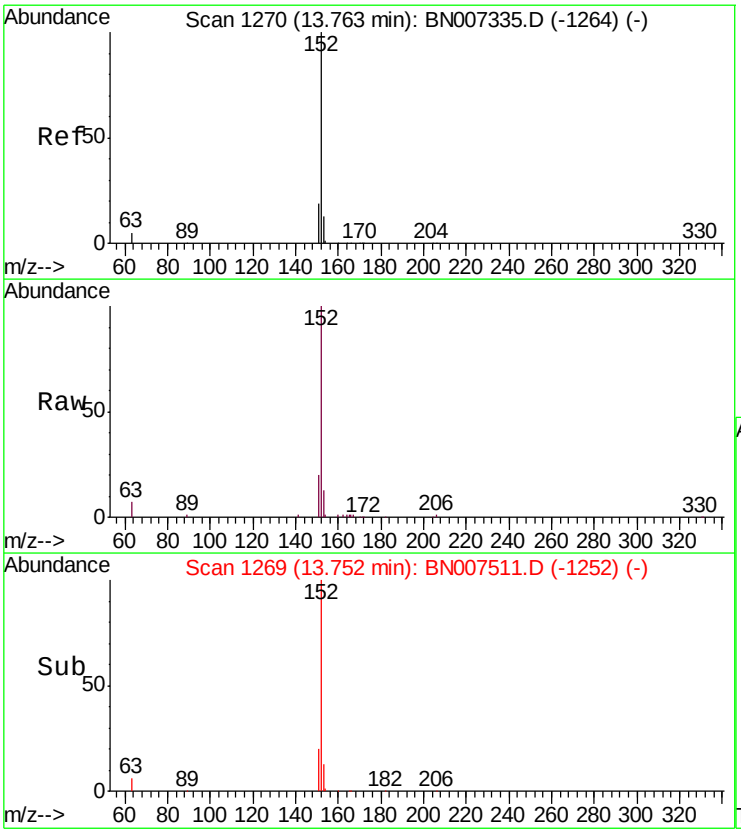
#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:172 Resp: 16905

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.3	45.5
170	22.6	20.7	31.1

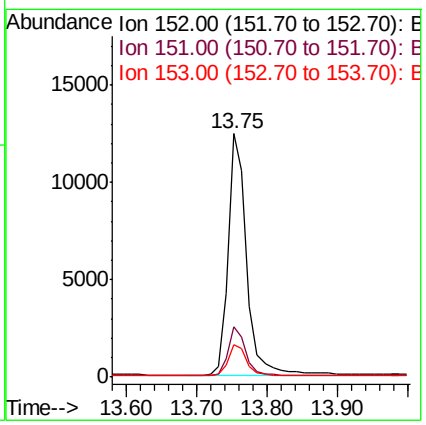


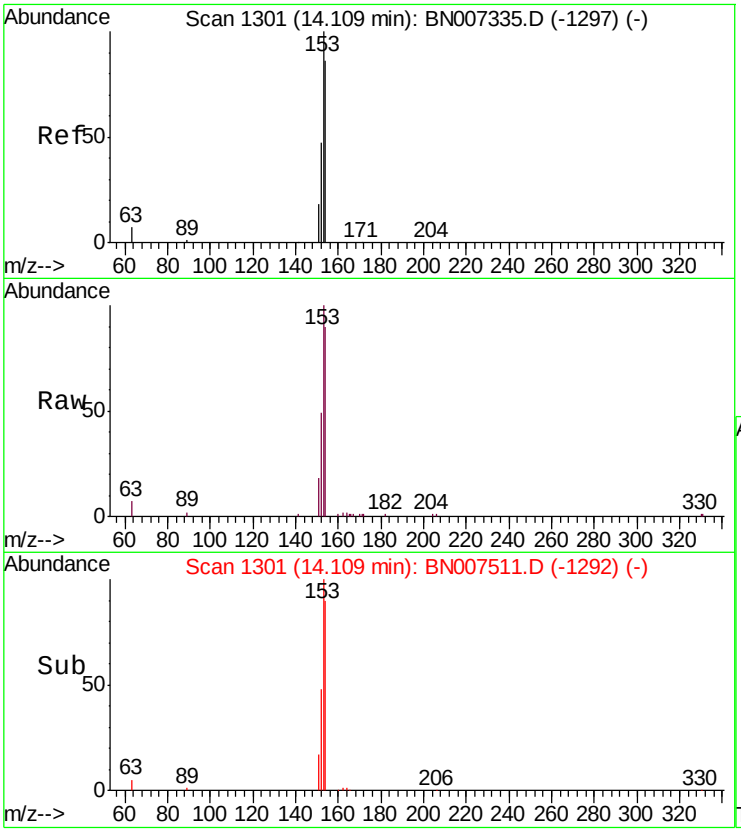


#16
Acenaphthylene
Concen: 0.291 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:152 Resp: 22925

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.0	10.6	15.8



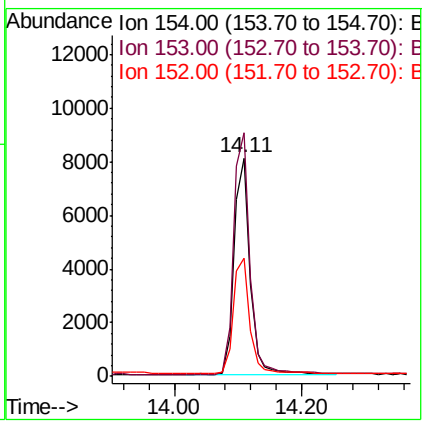


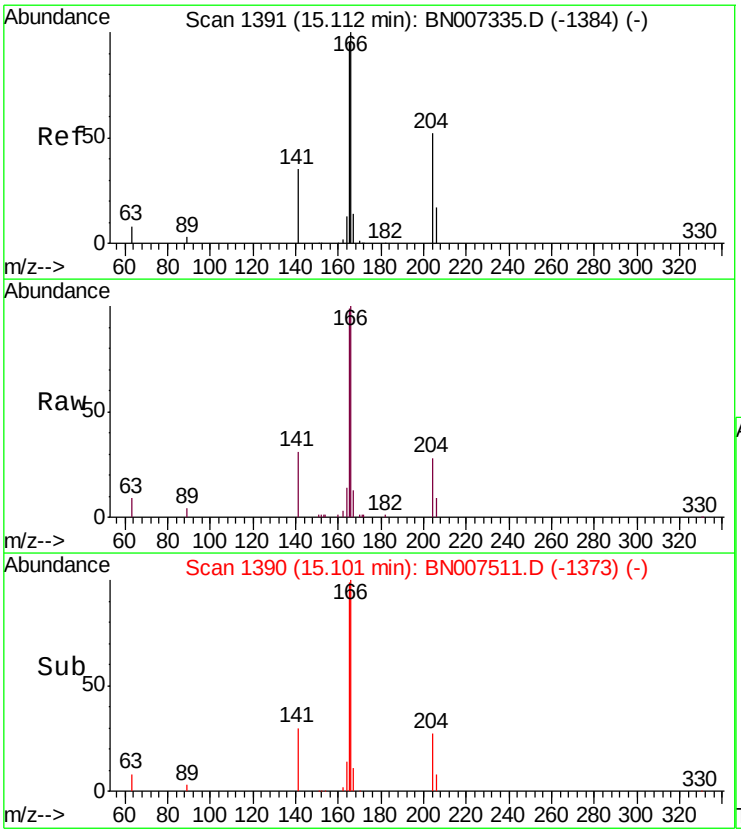
#17
Acenaphthene
Concen: 0.309 ng
RT: 14.11 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:154 Resp: 14251

Ion	Ratio	Lower	Upper
154	100		
153	113.0	92.8	139.2
152	53.5	43.8	65.8

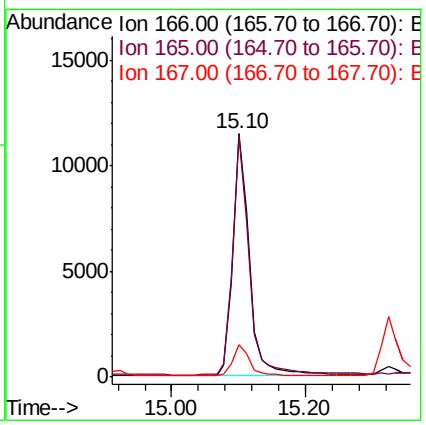


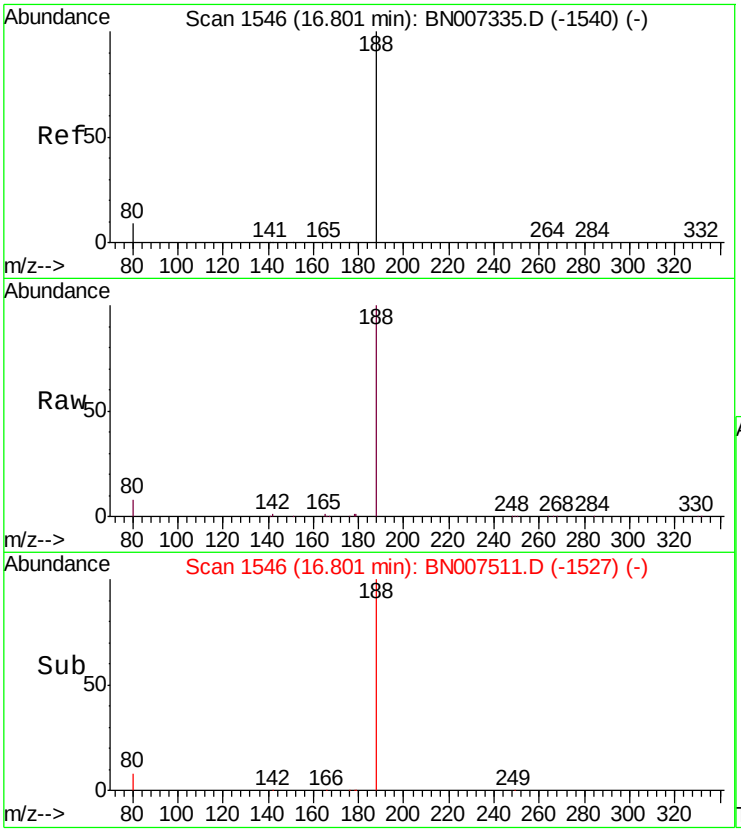


#18
Fluorene
Concen: 0.332 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:166 Resp: 19336

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.4
167	13.0	10.6	15.8



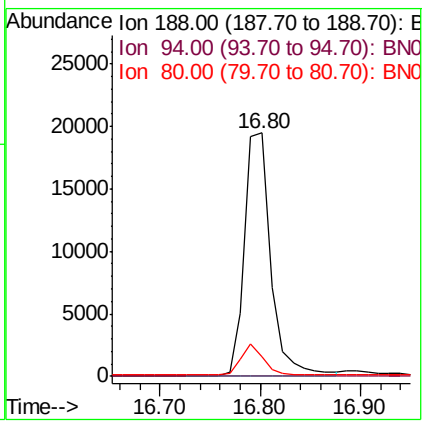


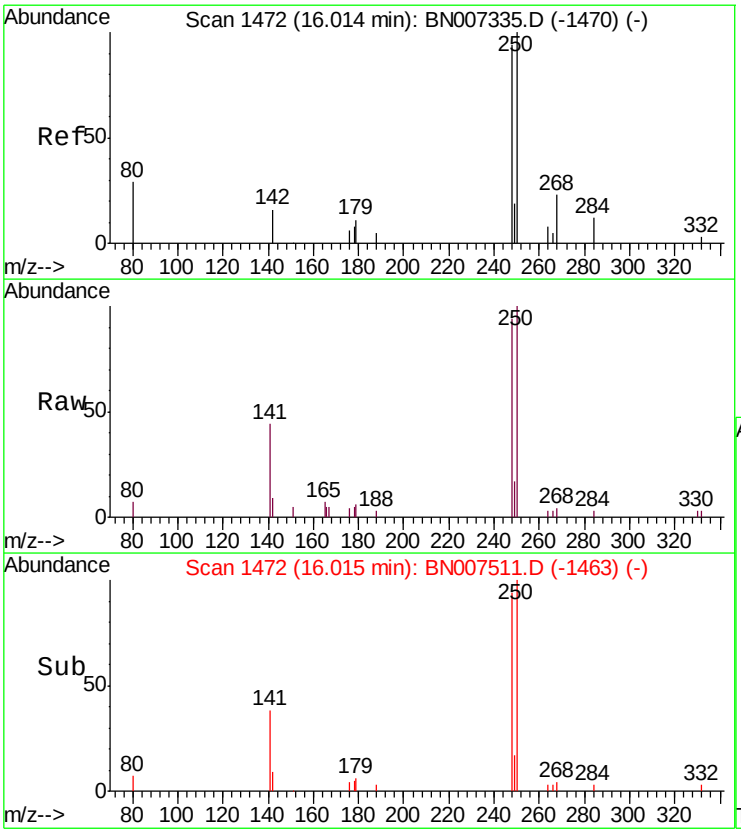
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:188 Resp: 35463

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	11.8	17.8#

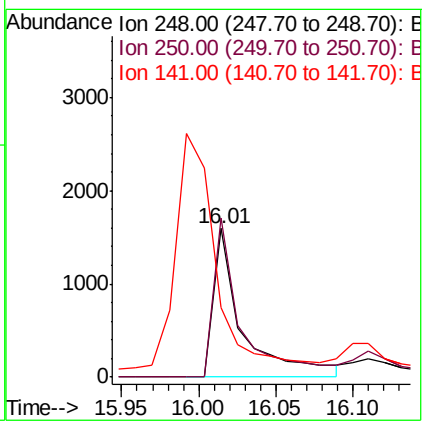


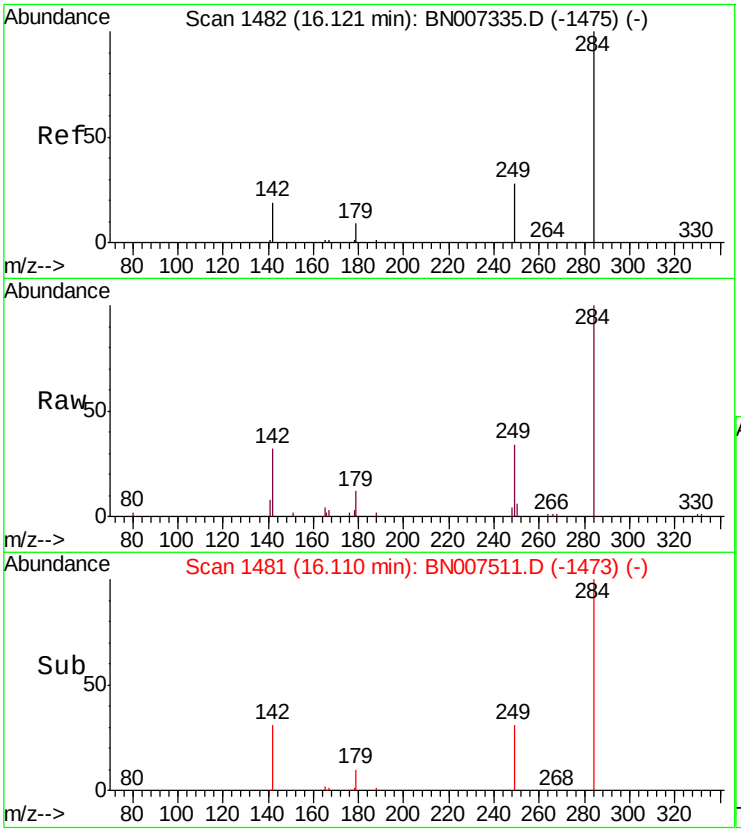


#20
4-Bromophenyl-phenylether
Concen: 0.150 ng
RT: 16.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:248 Resp: 2098

Ion	Ratio	Lower	Upper
248	100		
250	106.6	85.0	127.6
141	46.8	51.7	77.5#



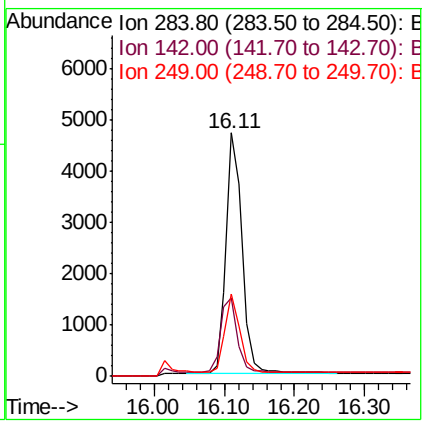


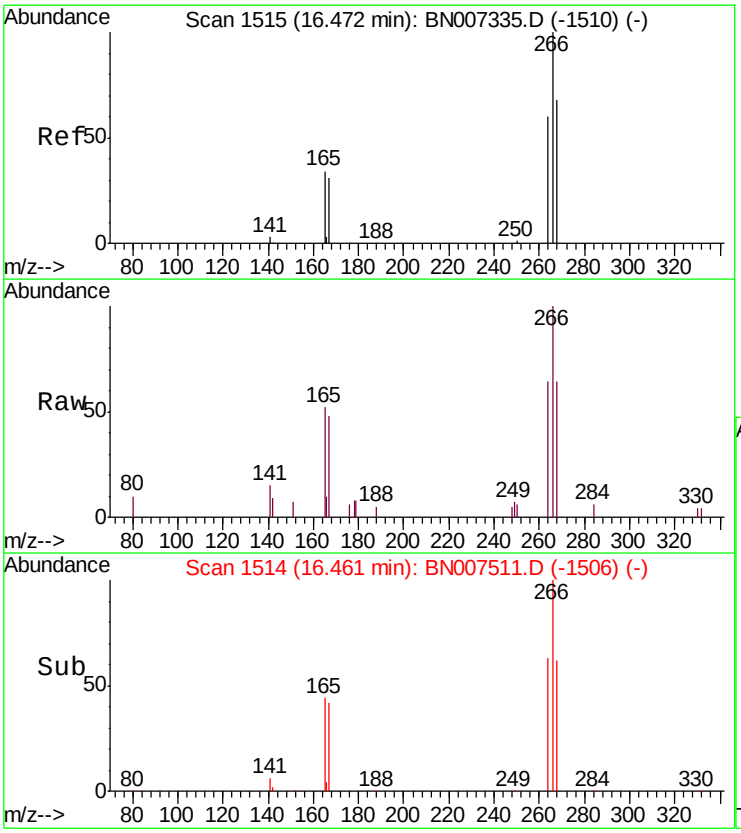
#21
Hexachlorobenzene
Concen: 0.312 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:284 Resp: 7427

Ion	Ratio	Lower	Upper
284	100		
142	32.7	29.0	43.6
249	31.0	24.9	37.3

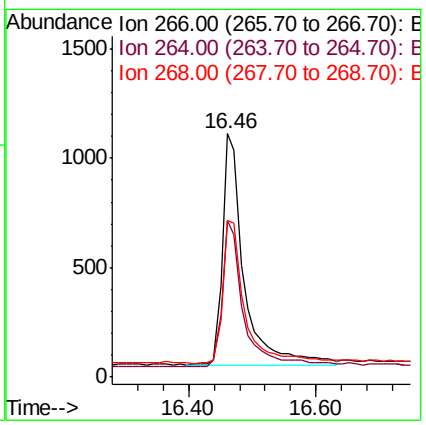


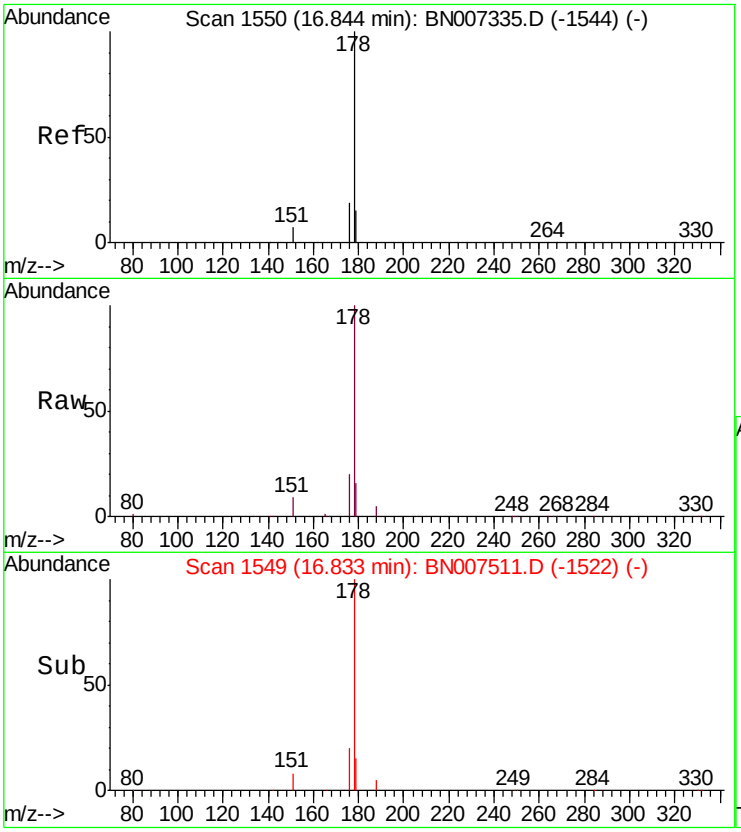


#22
Pentachlorophenol
Concen: 0.332 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:266 Resp: 2455

Ion	Ratio	Lower	Upper
266	100		
264	64.4	57.8	86.8
268	64.5	99.7	149.5#



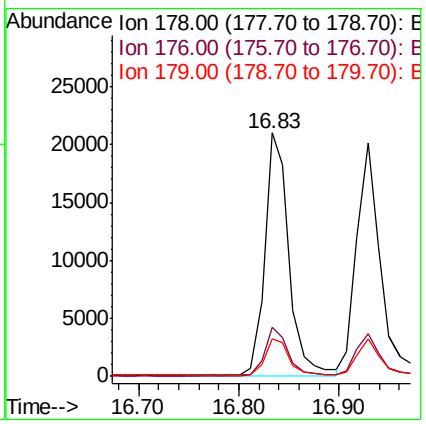


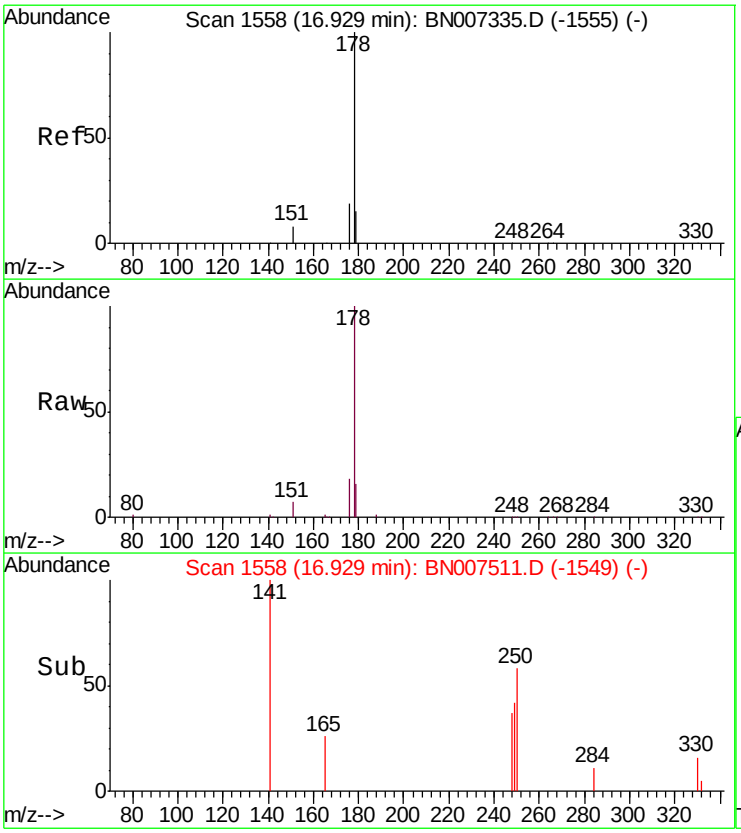
#23
Phenanthrene
Concen: 0.330 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:178 Resp: 35202

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.6	19.0

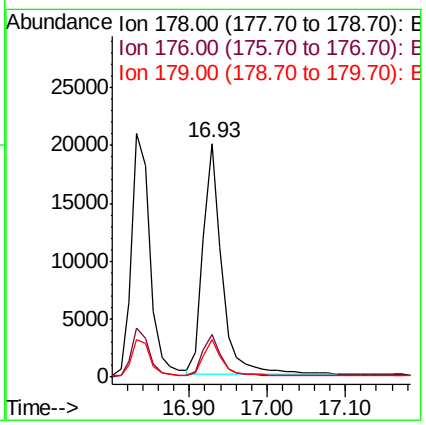


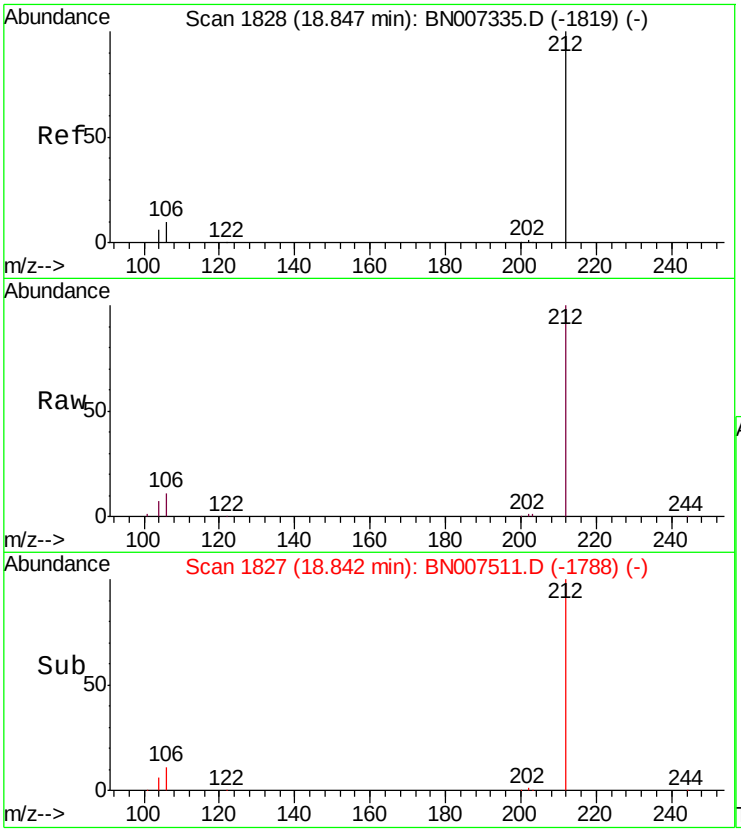


#24
Anthracene
Concen: 0.308 ng
RT: 16.93 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:178 Resp: 33041

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.5	12.4	18.6



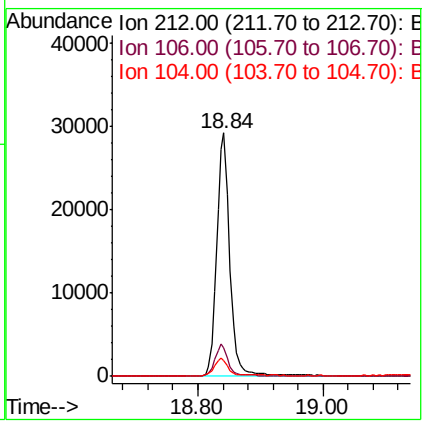


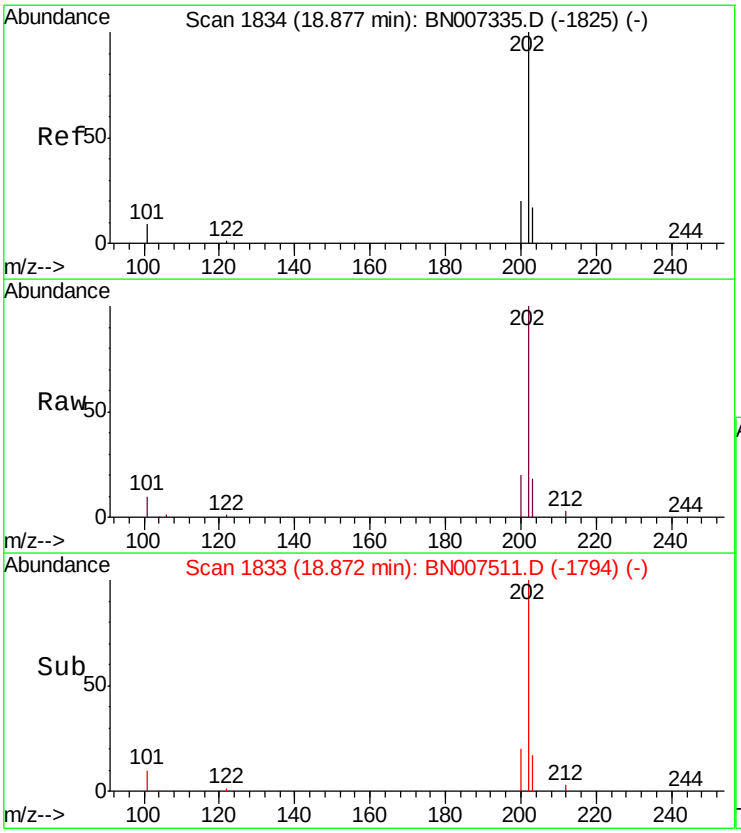
#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:212 Resp: 42388

Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.0	13.4
104	7.1	5.4	8.2

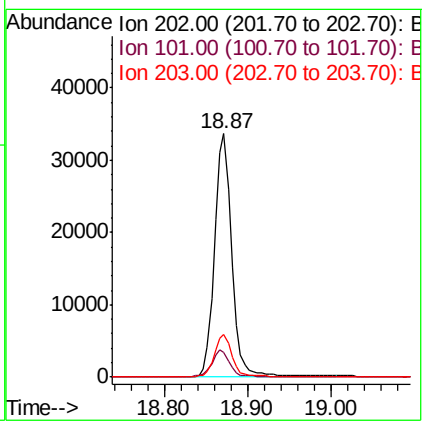


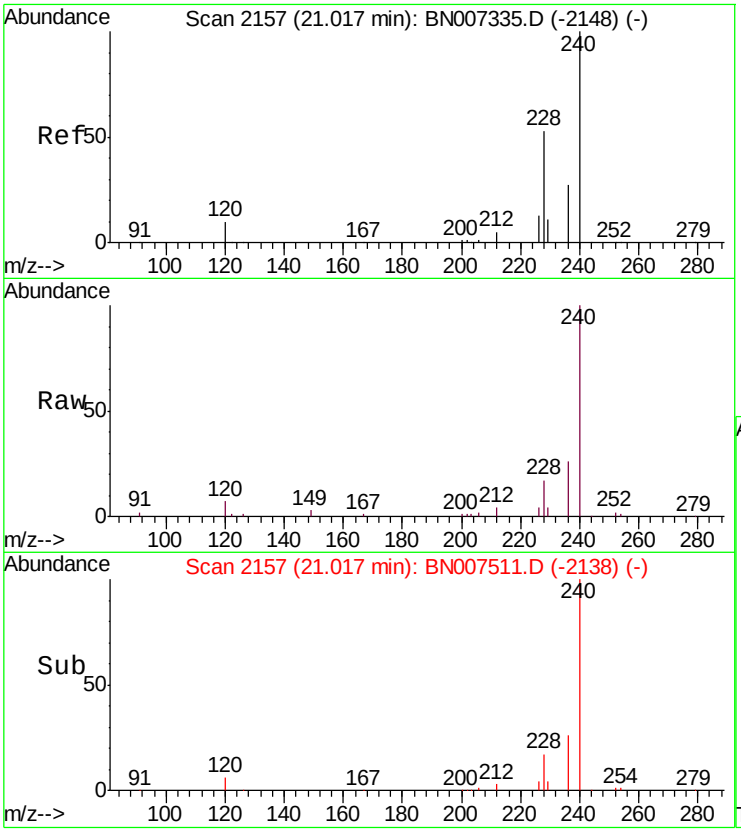


#26
Fluoranthene
Concen: 0.349 ng
RT: 18.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:202 Resp: 47741

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.7	11.5
203	17.2	13.7	20.5



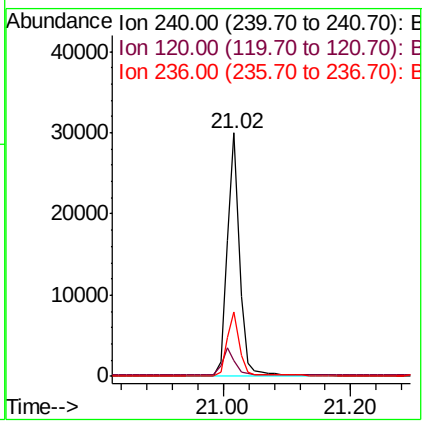


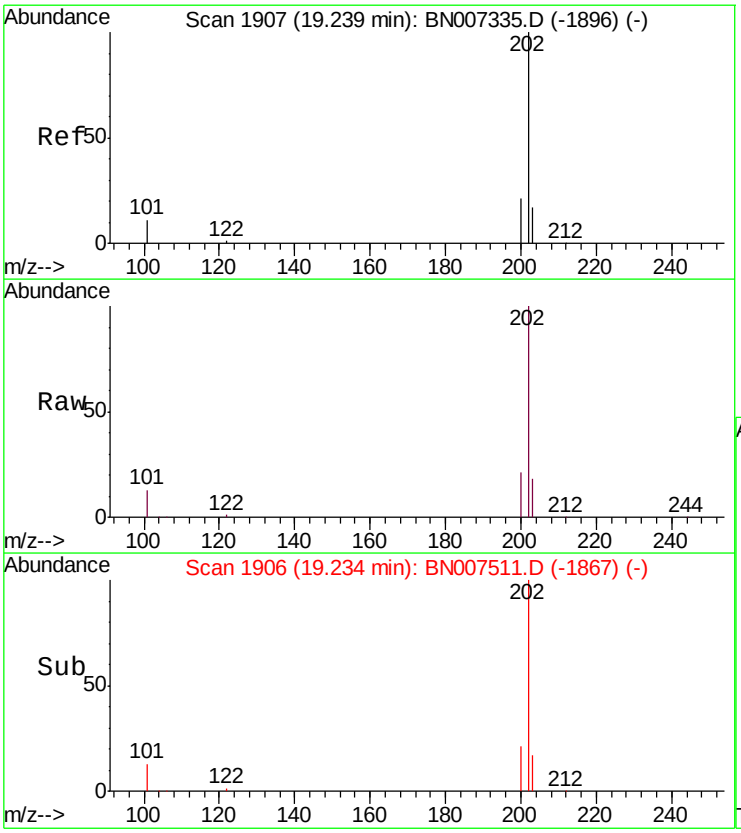
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:240 Resp: 39413

Ion	Ratio	Lower	Upper
240	100		
120	6.6	9.6	14.4#
236	26.4	22.2	33.2

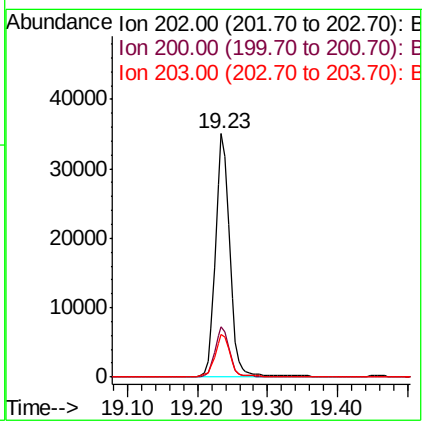


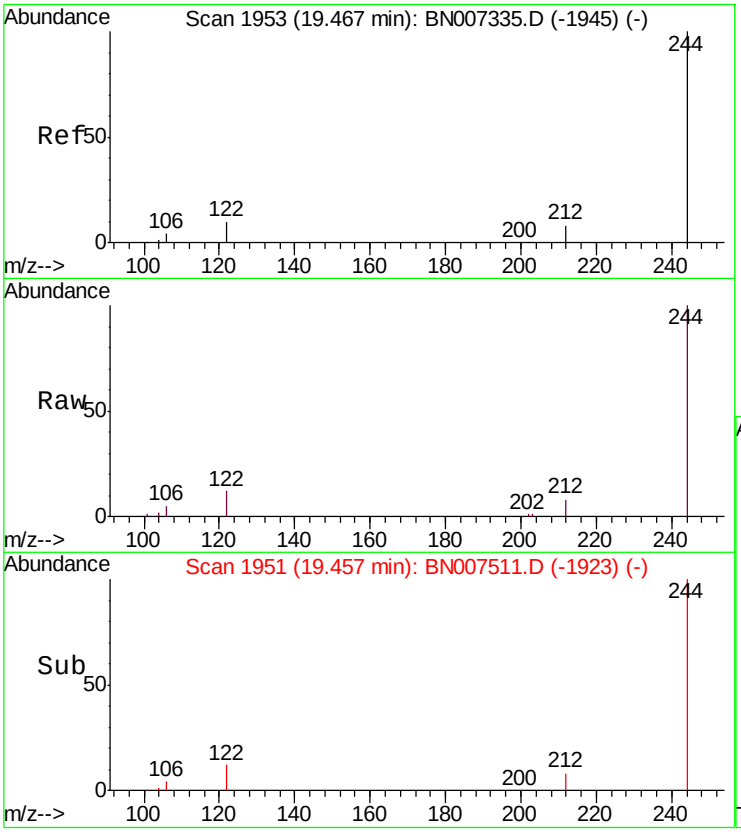


#28
Pyrene
Concen: 0.310 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:202 Resp: 49158

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	18.1	14.2	21.4



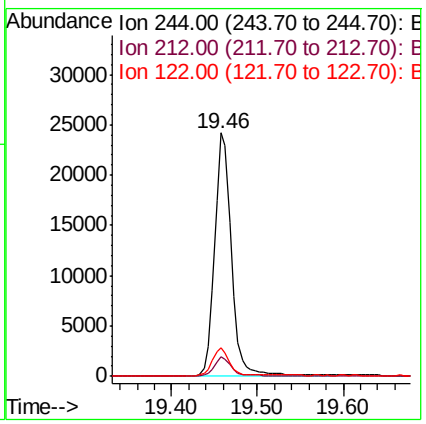


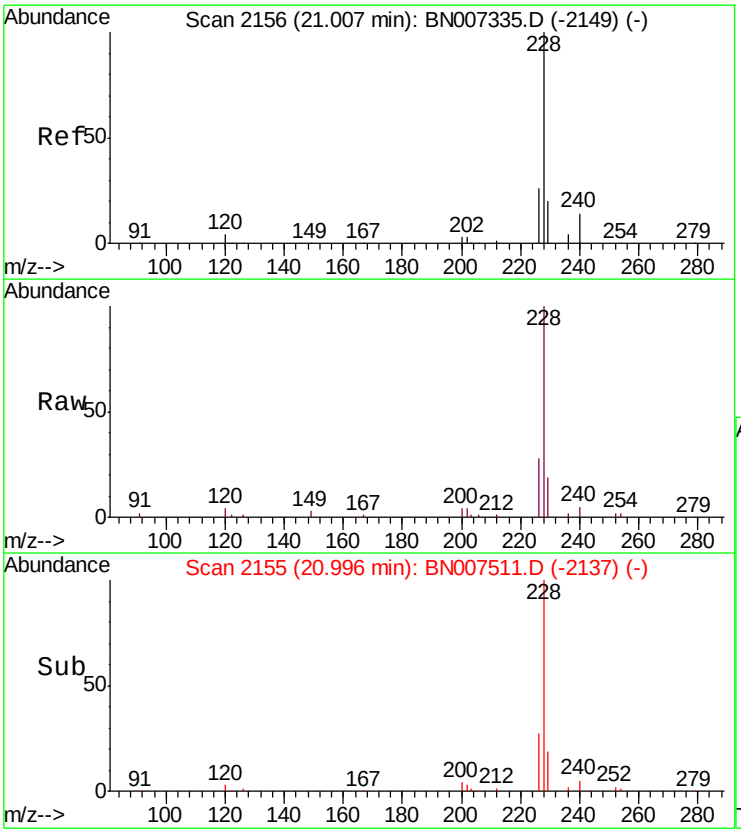
#29
Terphenyl-d14
Concen: 0.317 ng
RT: 19.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:244 Resp: 32698

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	12.0	9.6	14.4

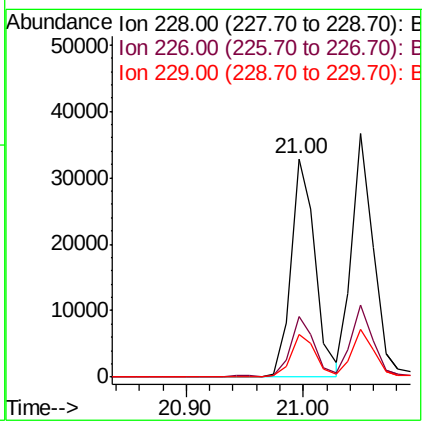


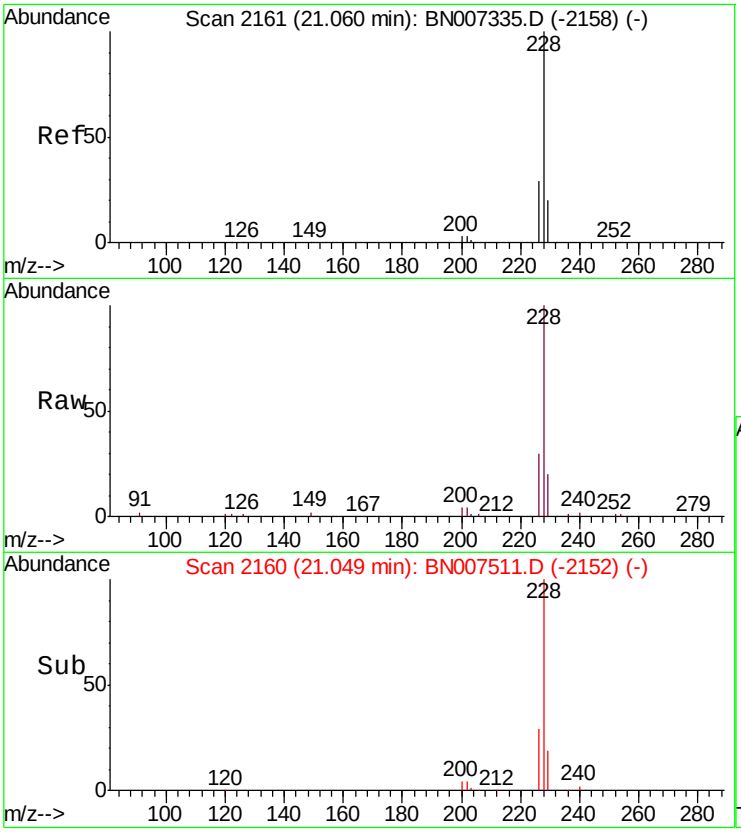


#30
Benzo(a)anthracene
Concen: 0.303 ng
RT: 21.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:228 Resp: 46962

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	19.4	16.1	24.1



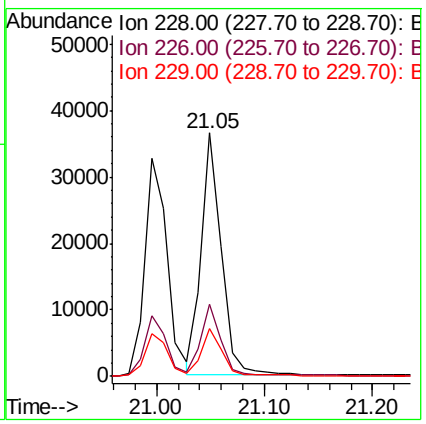


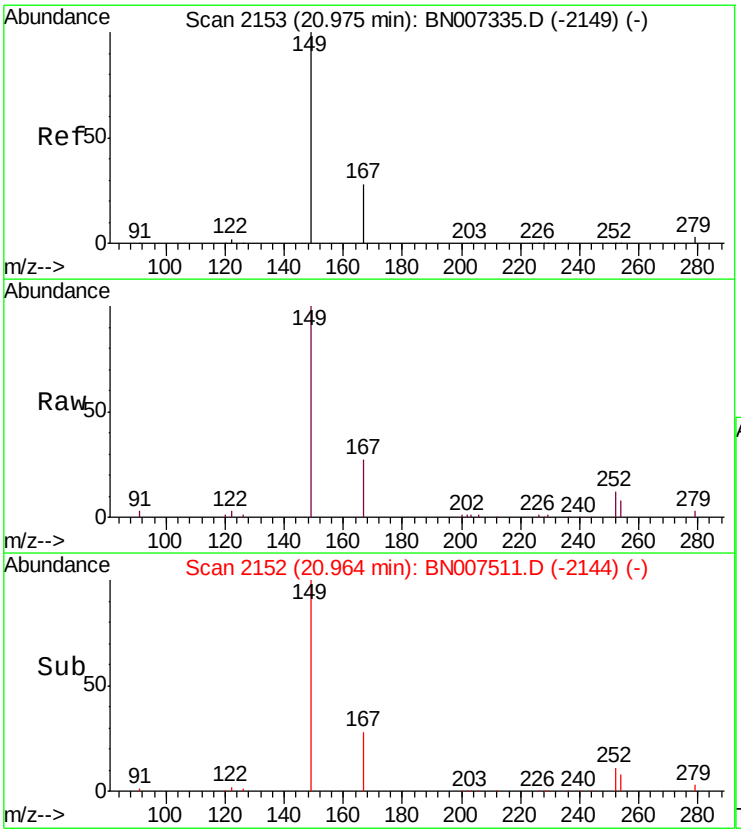
#31
Chrysene
Concen: 0.313 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:228 Resp: 46701

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.5	35.3
229	19.6	16.6	24.8

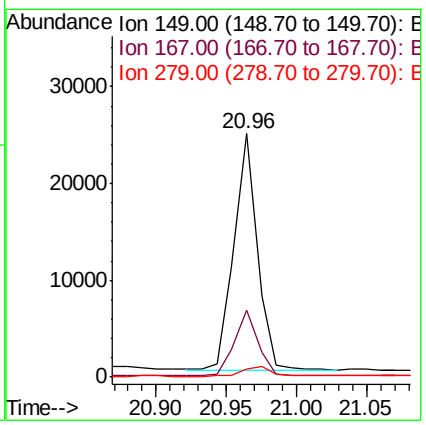


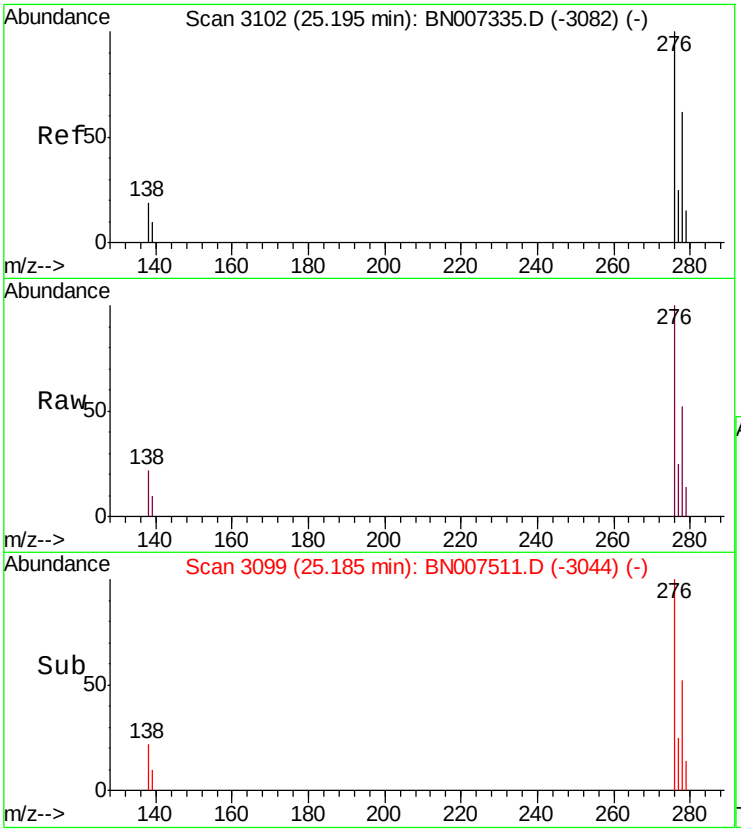


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.261 ng
RT: 20.96 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:149 Resp: 28062

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.4	3.5	5.3



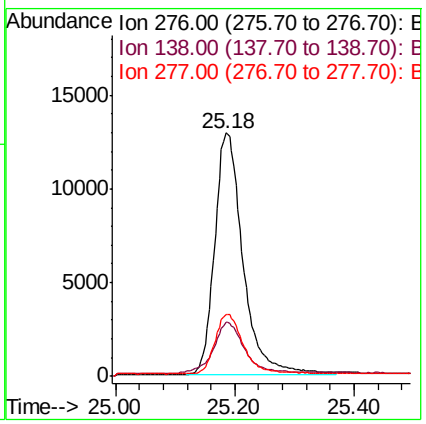


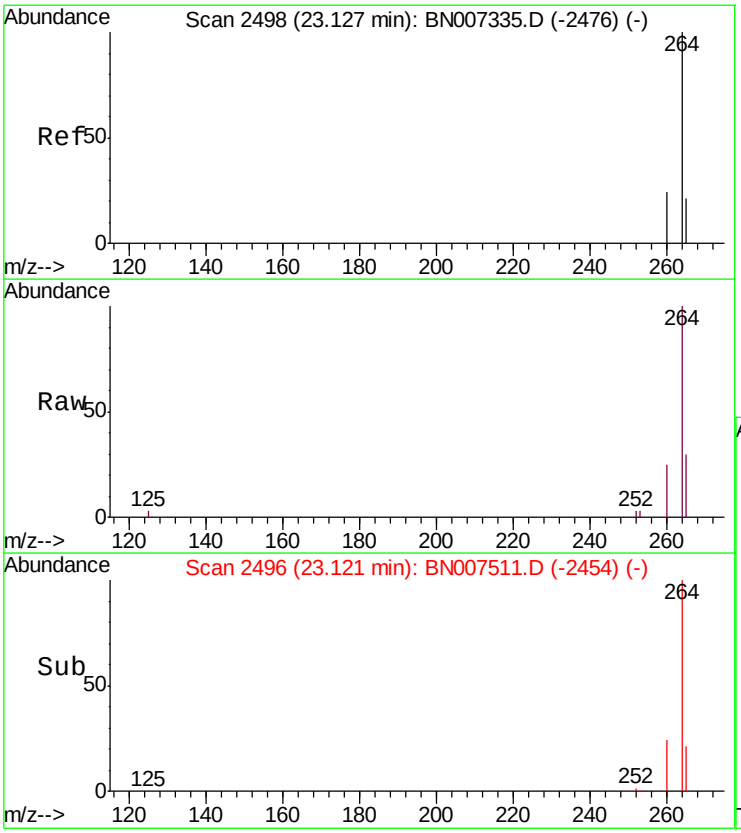
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng
RT: 25.18 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:276 Resp: 42119

Ion	Ratio	Lower	Upper
276	100		
138	22.1	15.1	22.7
277	24.7	19.7	29.5

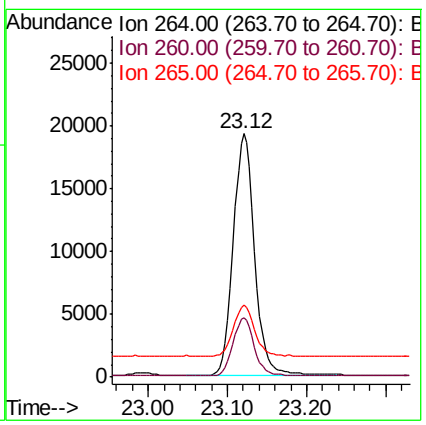


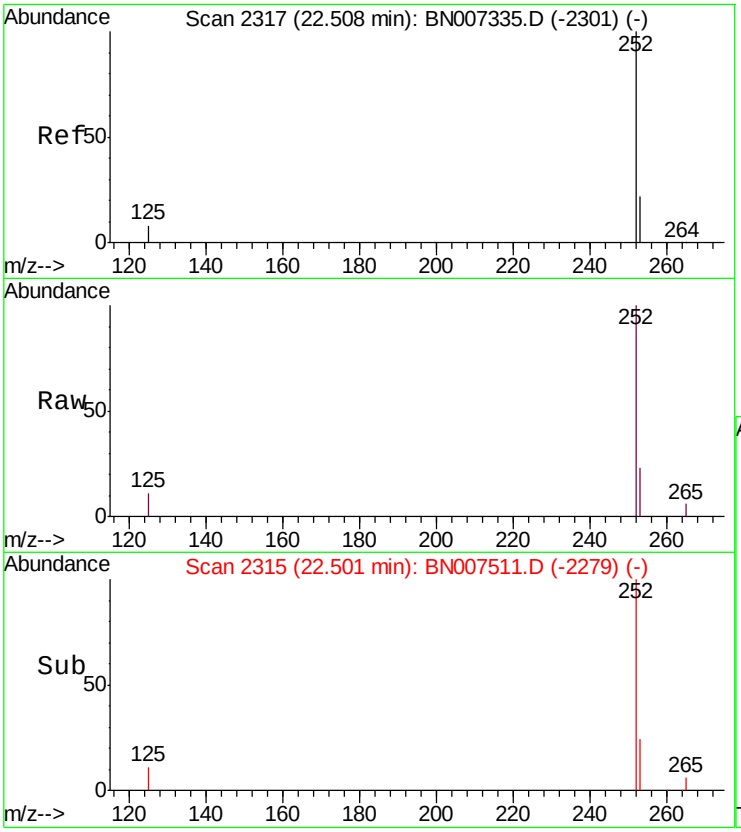


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:264 Resp: 36299

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	29.6	29.9	44.9#



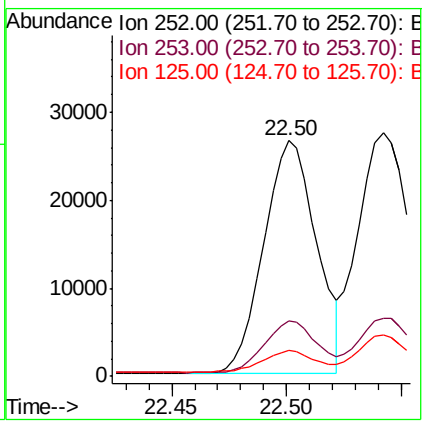


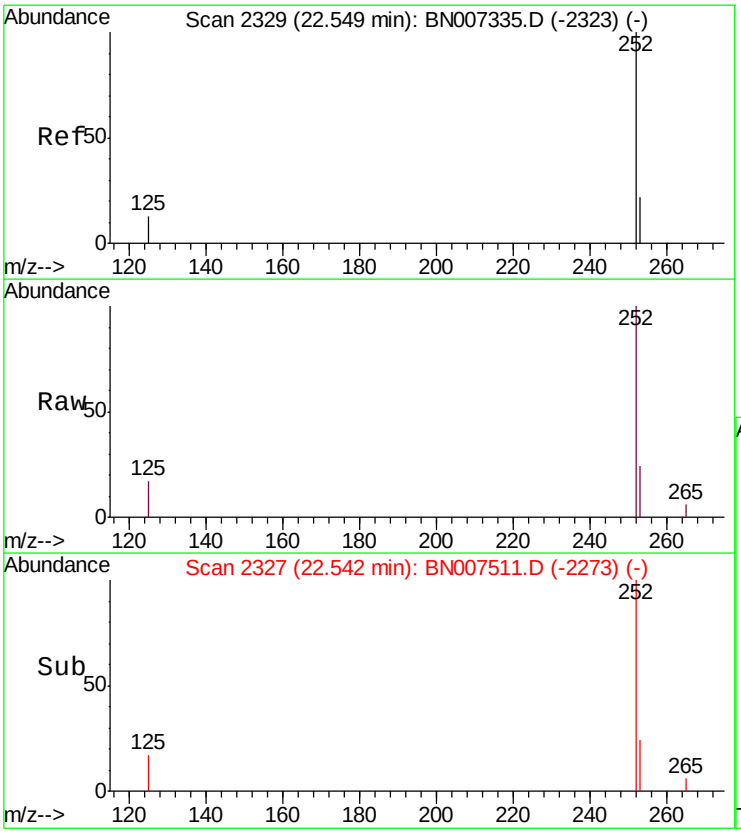
#35
Benzo(b)fluoranthene
Concen: 0.323 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:252 Resp: 42500

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	10.8	10.6	16.0

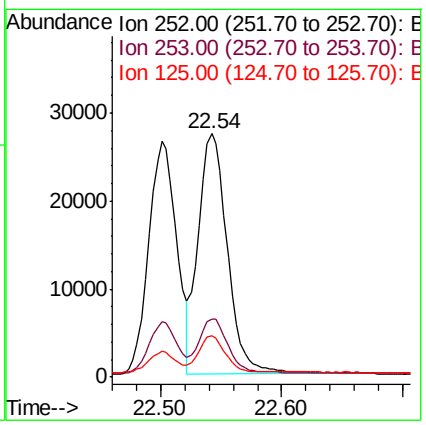


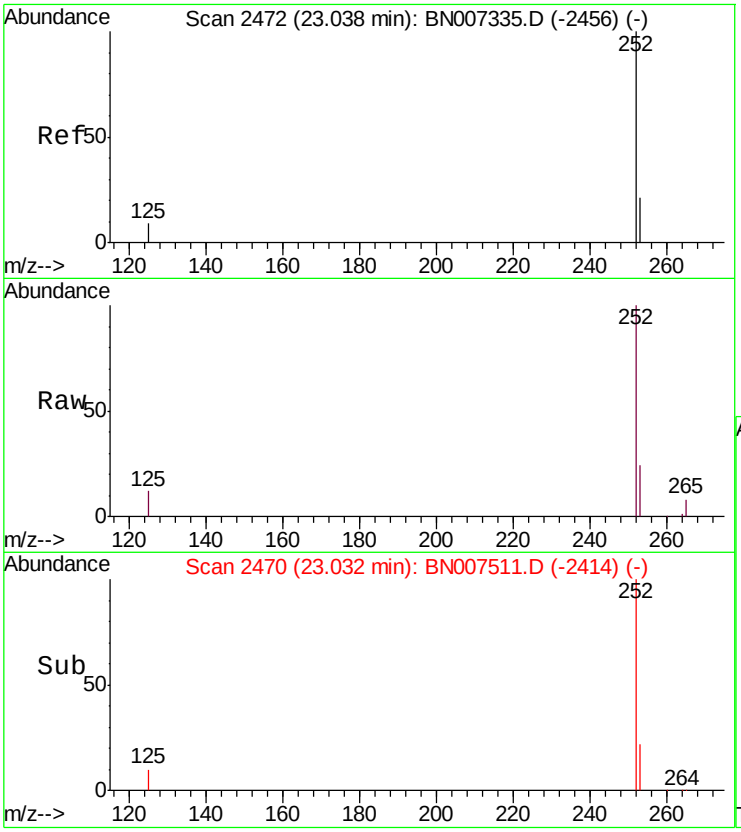


#36
Benzo(k)fluoranthene
Concen: 0.351 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:252 Resp: 45662

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	17.2	13.1	19.7



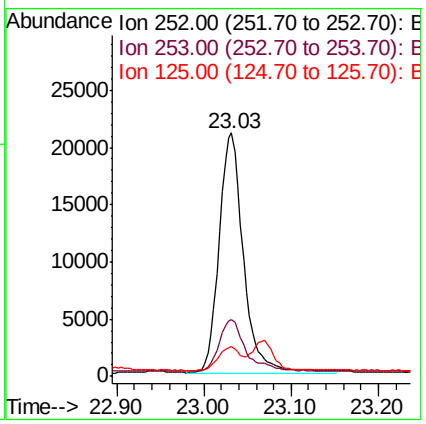


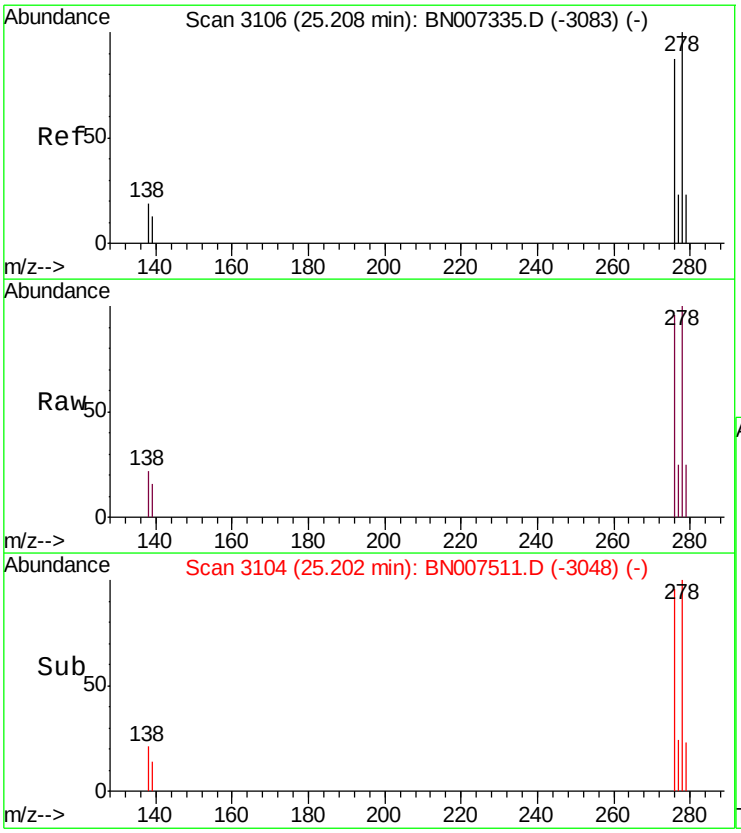
#37
Benzo(a)pyrene
Concen: 0.326 ng
RT: 23.03 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:252 Resp: 40740

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.5	29.3
125	12.1	12.1	18.1#

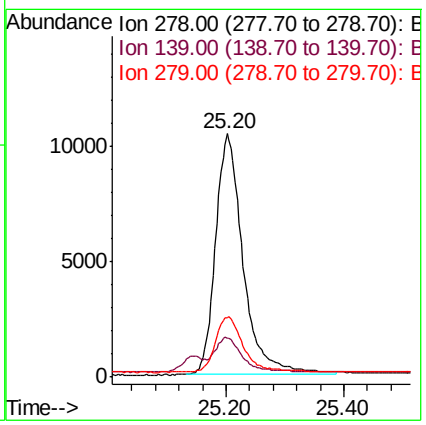


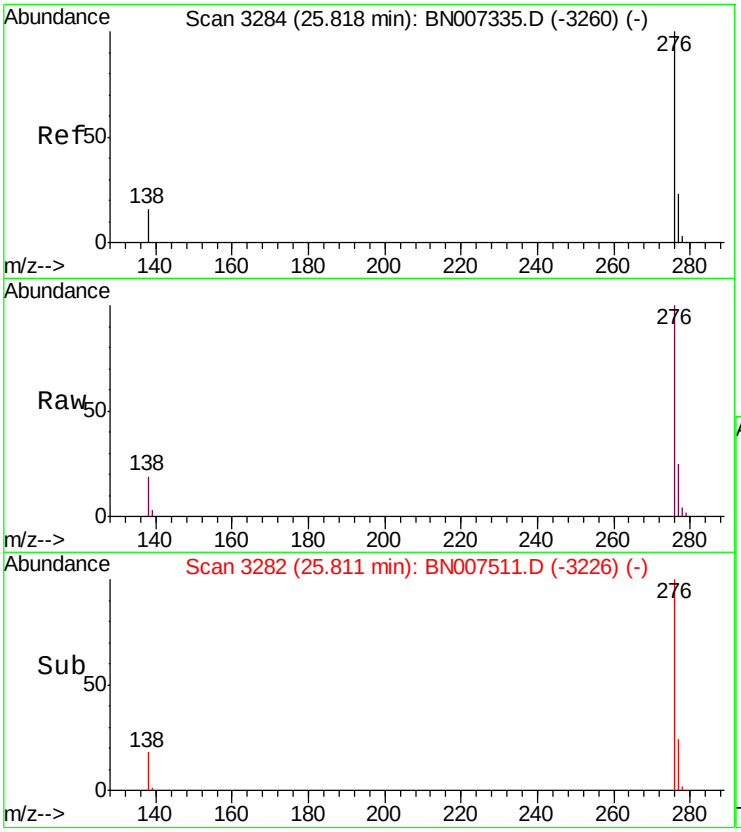


#38
Dibenzo(a,h)anthracene
Concen: 0.272 ng
RT: 25.20 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Tgt Ion:278 Resp: 34002

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.7	20.5
279	24.6	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.282 ng
RT: 25.81 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN007511.D
Acq: 29 Aug 2019 20:30

Instrument :
BNA_N
ClientSampleId :
PB122534BSD

Tgt Ion:276 Resp: 35029

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	19.3	16.3	24.5