Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
Data File : BN007537.D
Acq On : 05 Sep 2019 17:36
Operator : HP/JU
Sample : PB122822BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 06 01:59:02 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	7.39	152	5751	0.40	ng		-0.02
7) Naphthalene-d8	10.15	136	27100	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	16619	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	39636	0.40	ng		0.00
27) Chrysene-d12	21.02	240	33955	0.40	ng		0.00
34) Perylene-d12	23.11	264	32278	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	6414	0.32	ng		-0.02
5) Phenol-d6	6.58	99	8251	0.32	ng		0.00
8) Nitrobenzene-d5	8.53	82	7548	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	18256	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.54	330	2403	0.28	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	26089	0.39	ng		0.00
25) Fluoranthene-d10	18.83	212	45982	0.36	ng		-0.01
29) Terphenyl-d14	19.46	244	36698	0.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.99	88	3822	0.400	ng	#	82
3) n-Nitrosodimethylamine	3.33	42	1247	0.281	ng	#	81
6) bis(2-Chloroethyl)ether	6.83	93	8285	0.399	ng		99
9) Naphthalene	10.19	128	30237	0.390	ng	#	90
10) Hexachlorobutadiene	10.49	225	5479	0.345	ng	#	99
12) 2-Methylnaphthalene	11.82	142	21680	0.411	ng		95
16) Acenaphthylene	13.75	152	32401	0.330	ng		99
17) Acenaphthene	14.10	154	22346	0.388	ng		98
18) Fluorene	15.09	166	29036	0.399	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	3018	0.193	ng	#	88
21) Hexachlorobenzene	16.10	284	10495	0.395	ng		97
22) Pentachlorophenol	16.46	266	1548	0.188	ng	#	66
23) Phenanthrene	16.83	178	48375	0.406	ng		99
24) Anthracene	16.92	178	41199	0.344	ng		99
26) Fluoranthene	18.86	202	55984	0.366	ng		98
28) Pyrene	19.23	202	57037	0.418	ng		99
30) Benzo(a)anthracene	20.99	228	47959	0.360	ng		99
31) Chrysene	21.05	228	50374	0.391	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	21534	0.231	ng		98
33) Indeno(1,2,3-cd)pyrene	25.17	276	49198	0.317	ng	#	96
35) Benzo(b)fluoranthene	22.50	252	46099	0.394	ng	#	95
36) Benzo(k)fluoranthene	22.54	252	50264	0.435	ng		99
37) Benzo(a)pyrene	23.02	252	40877	0.367	ng		95
38) Dibenzo(a,h)anthracene	25.18	278	38003	0.342	ng		93
39) Benzo(g,h,i)perylene	25.79	276	39794	0.360	ng		99

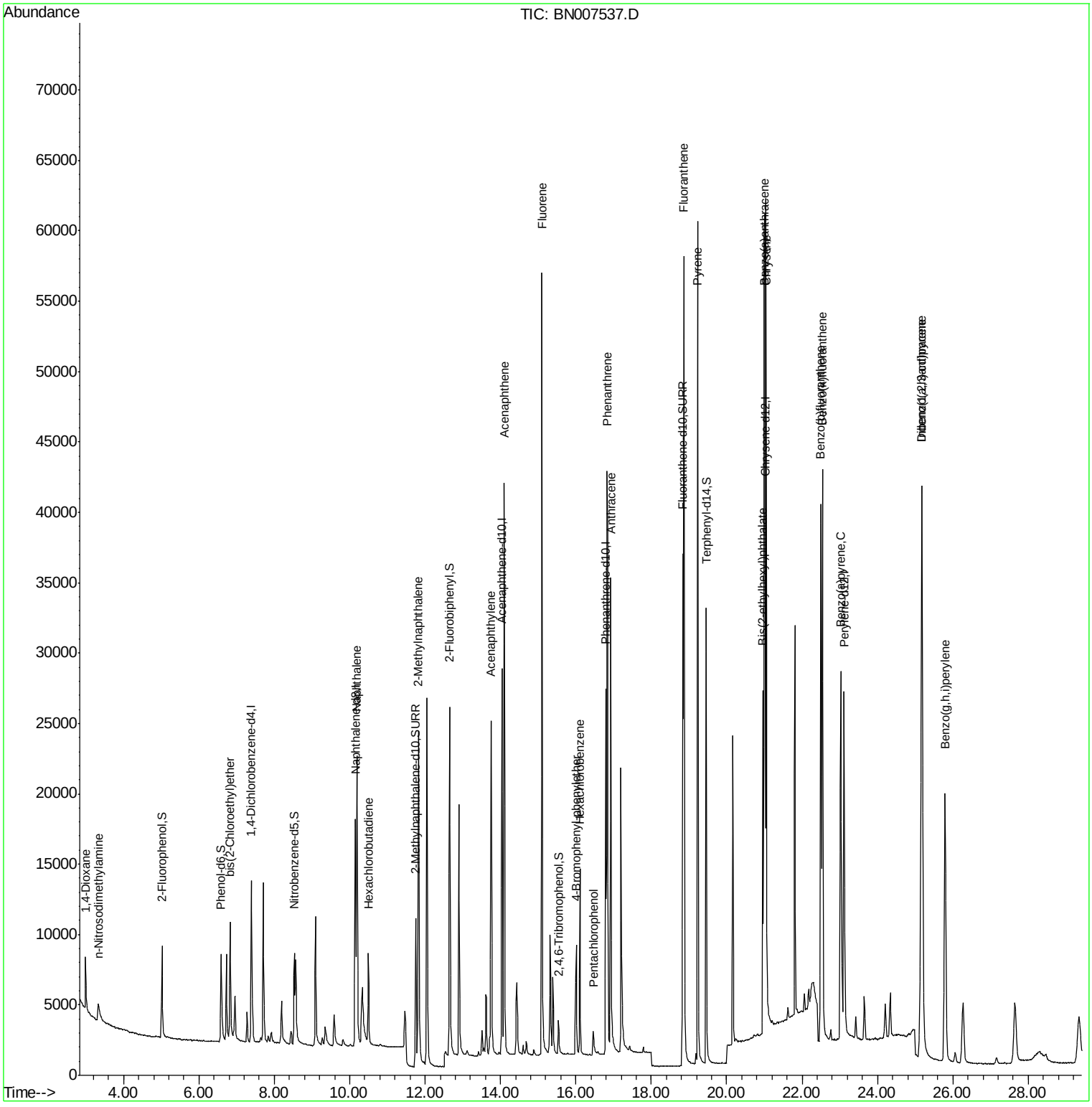
(#) = qualifier out of range (m) = manual integration (+) = signals summed

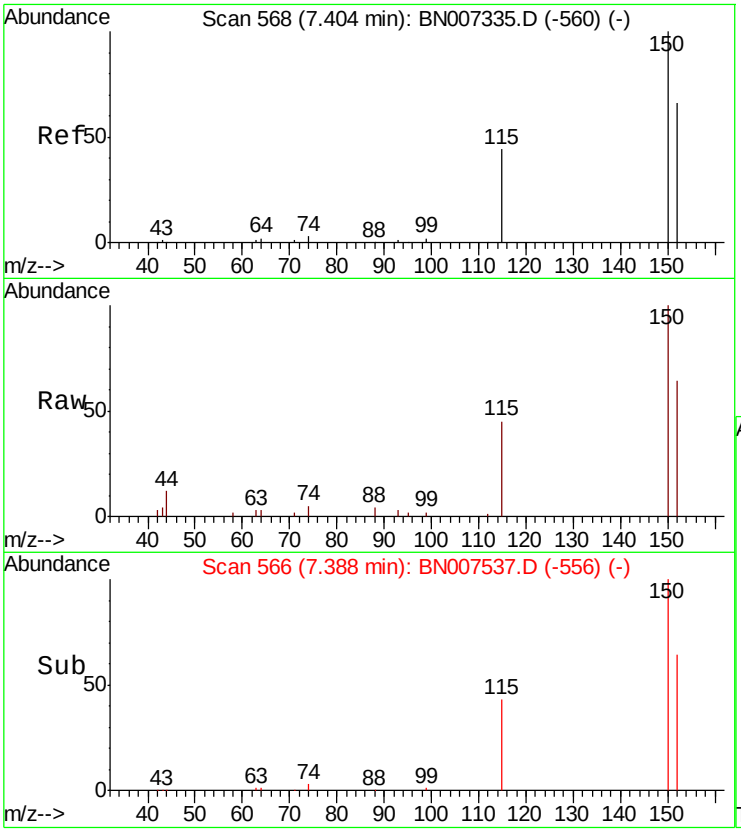
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
Data File : BN007537.D
Acq On : 05 Sep 2019 17:36
Operator : HP/JU
Sample : PB122822BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 06 01:59:02 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



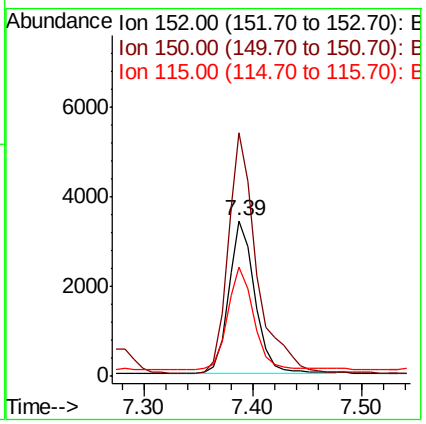


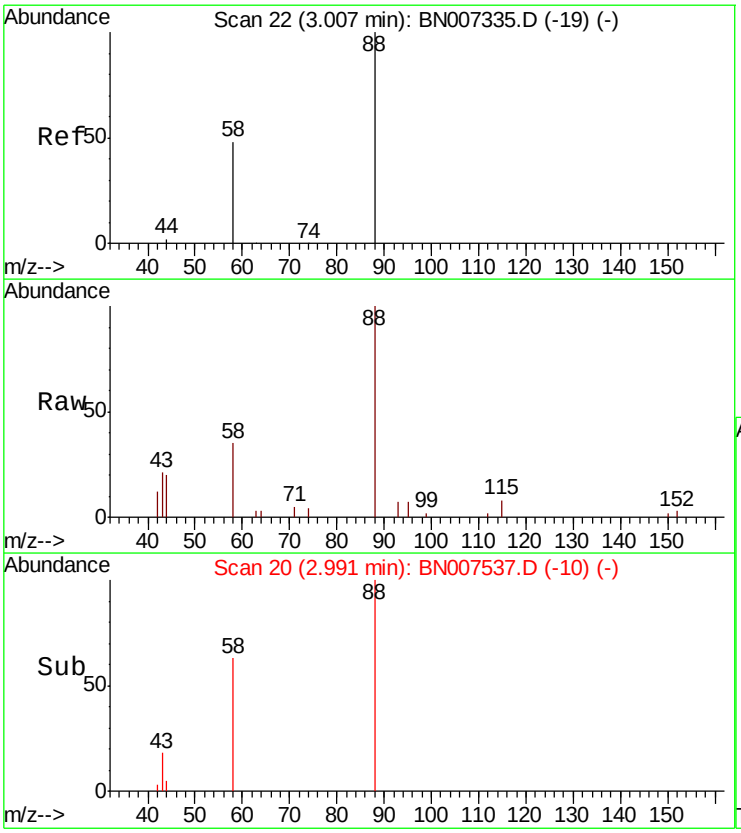
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5751

Ion	Ratio	Lower	Upper
152	100		
150	156.7	109.1	163.7
115	70.0	59.6	89.4

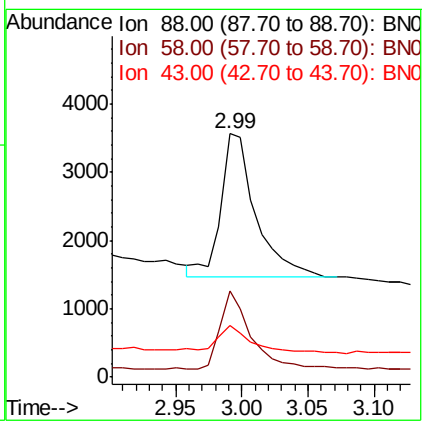


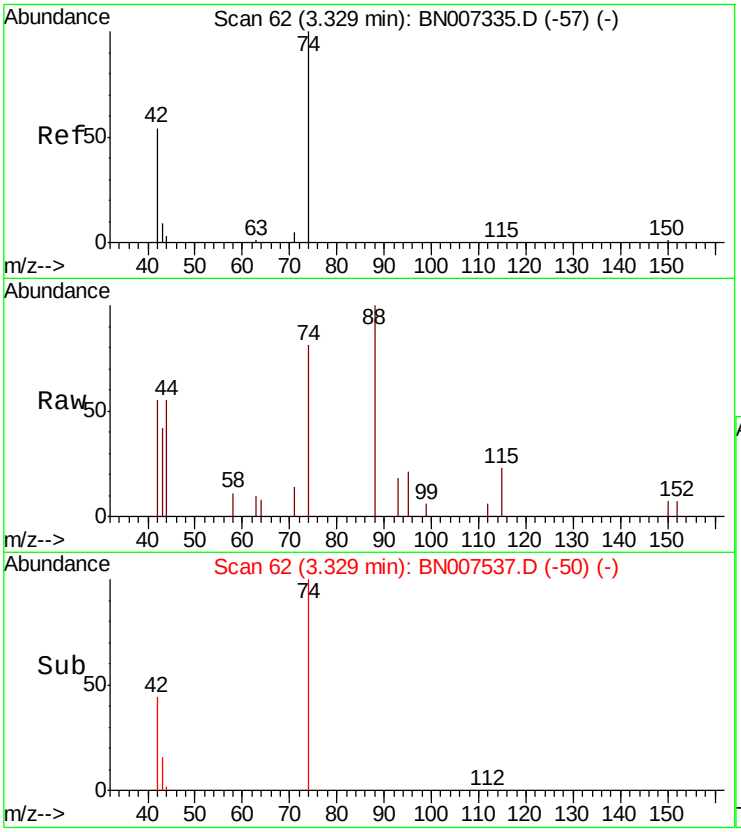


#2
1,4-Dioxane
Concen: 0.400 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion: 88 Resp: 3822

Ion	Ratio	Lower	Upper
88	100		
58	49.3	50.5	75.7#
43	16.4	0.0	0.0#



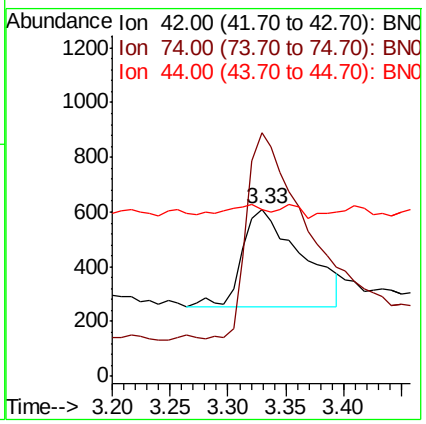


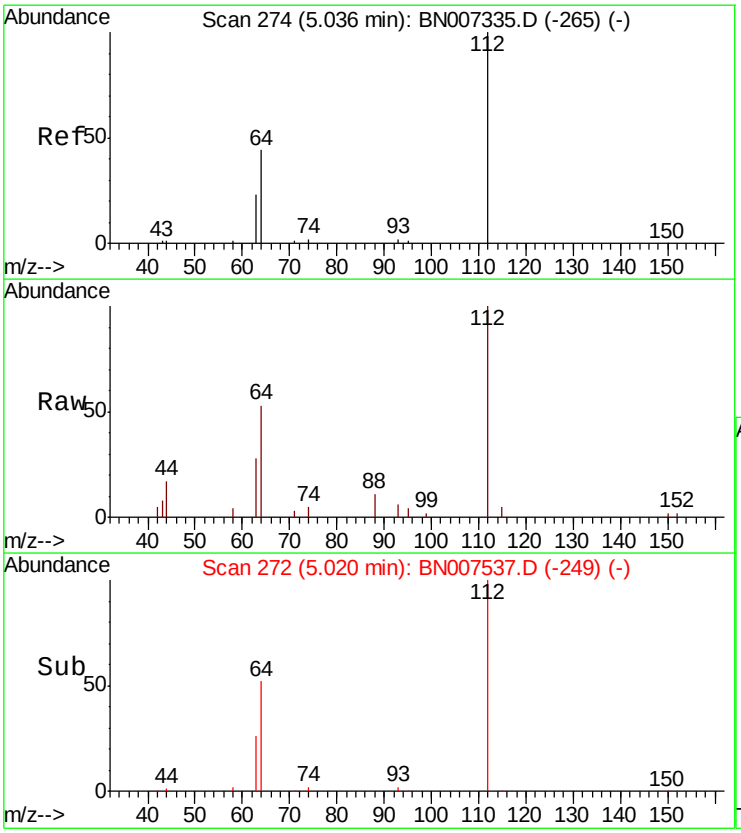
#3
n-Nitrosodimethylamine
Concen: 0.281 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1247

Ion	Ratio	Lower	Upper
42	100		
74	207.5	144.7	217.1
44	7.9	3.2	4.8#

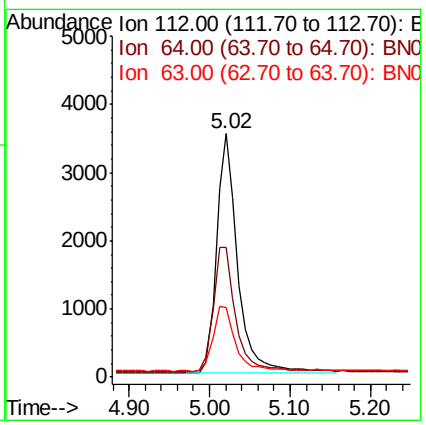


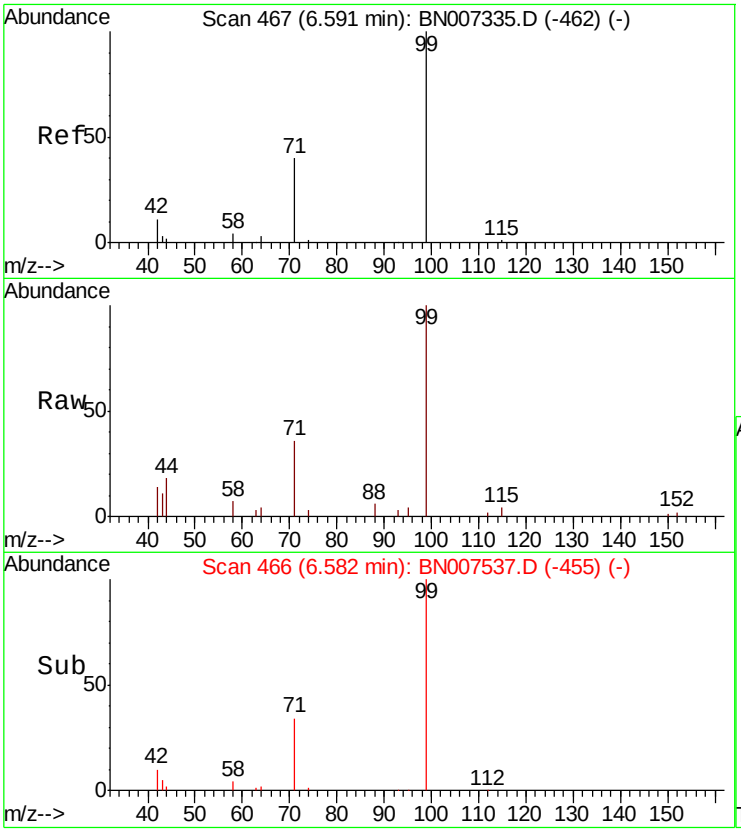


#4
2-Fluorophenol
Concen: 0.315 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:112 Resp: 6414

Ion	Ratio	Lower	Upper
112	100		
64	55.4	42.3	63.5
63	27.6	23.6	35.4



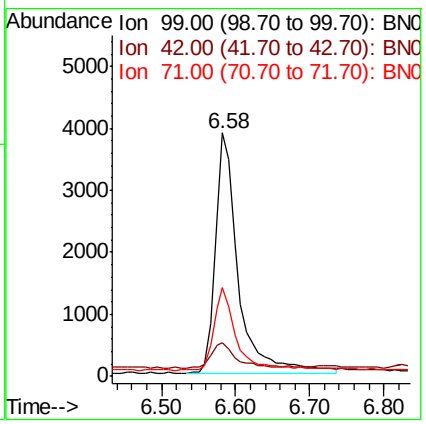


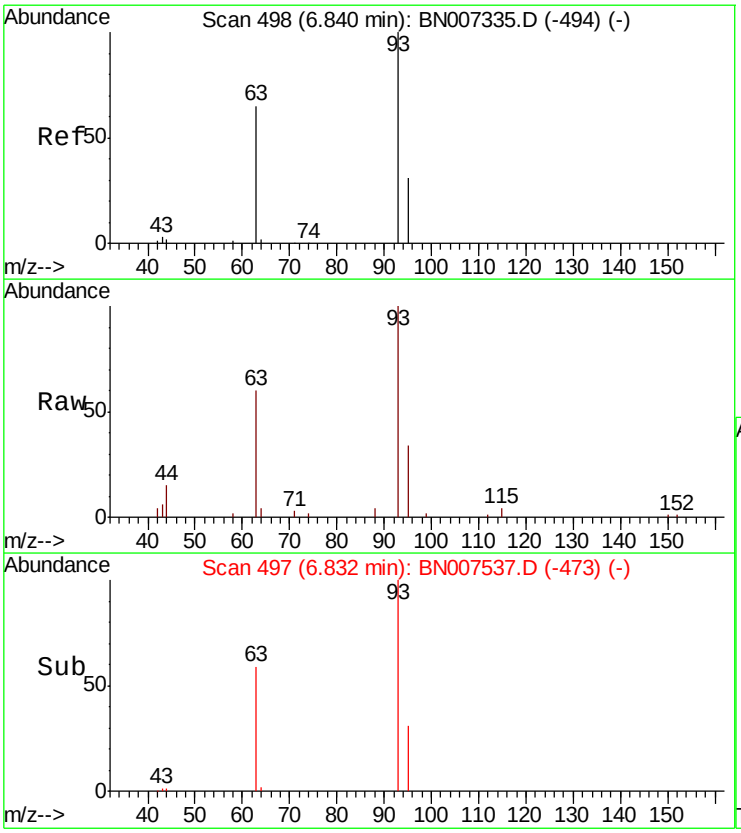
#5
Phenol-d6
Concen: 0.319 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8251

Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.2	16.8
71	34.2	31.8	47.8

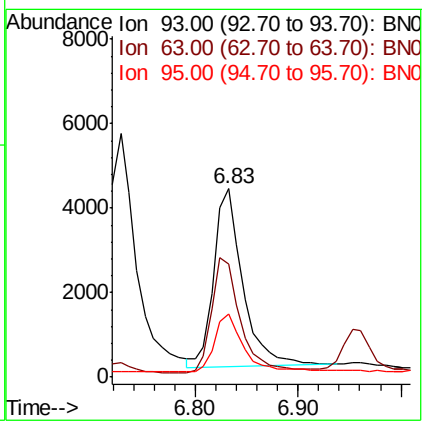


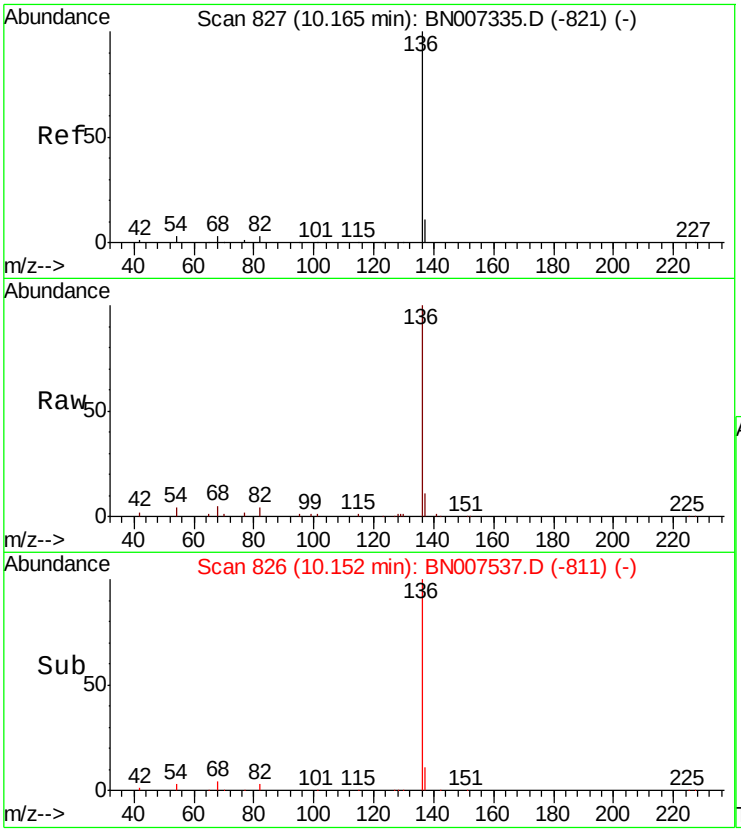


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion: 93 Resp: 8285

Ion	Ratio	Lower	Upper
93	100		
63	64.0	51.9	77.9
95	33.4	27.7	41.5



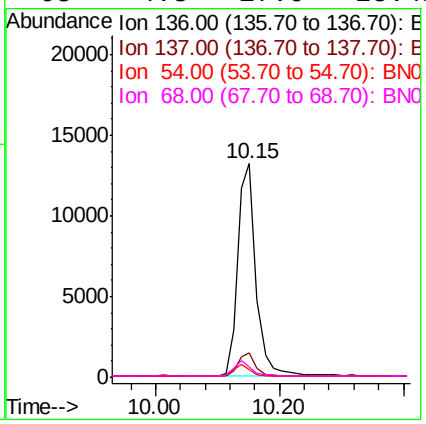


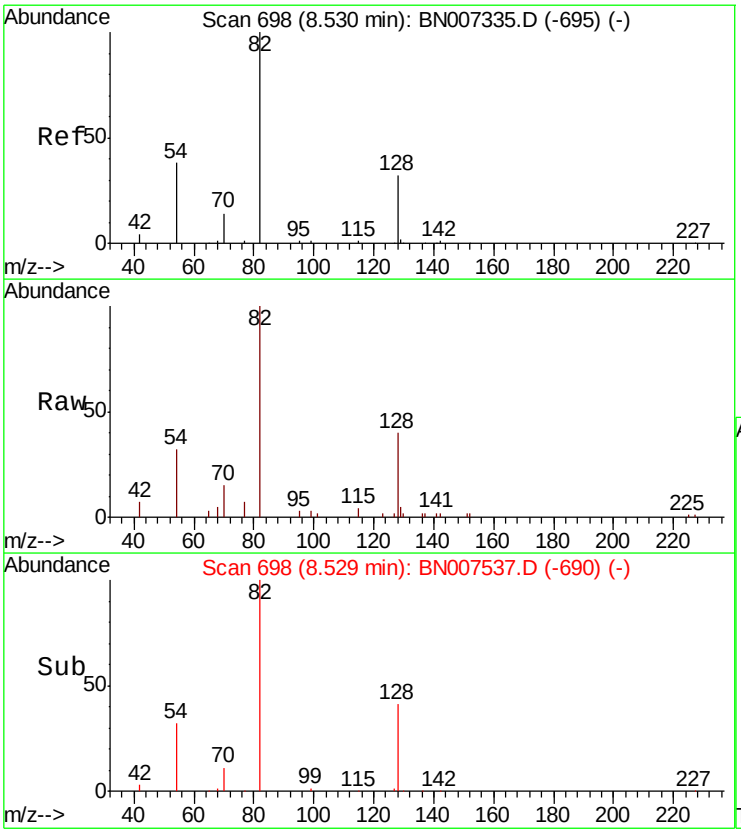
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 27100

Ion	Ratio	Lower	Upper
136	100		
137	11.5	12.9	19.3#
54	3.5	8.6	12.8#
68	4.8	17.0	25.4#

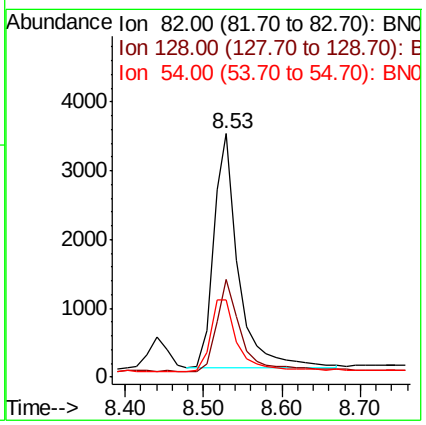


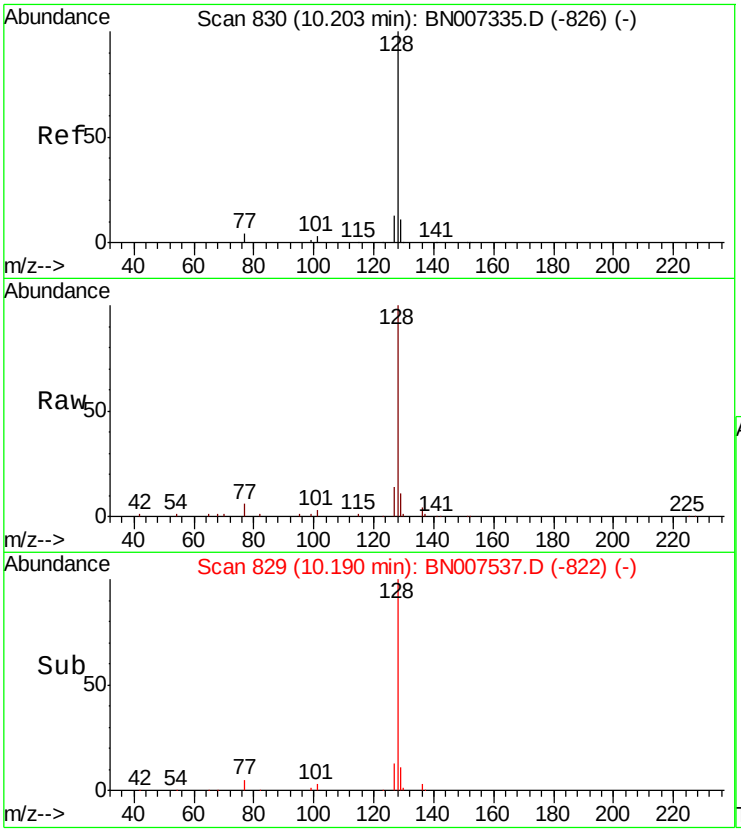


#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion: 82 Resp: 7548

Ion	Ratio	Lower	Upper
82	100		
128	40.3	19.7	29.5#
54	31.9	25.8	38.6



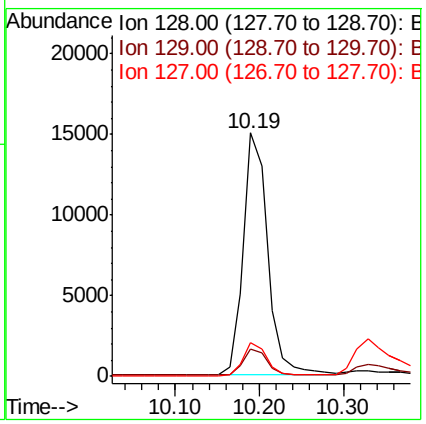


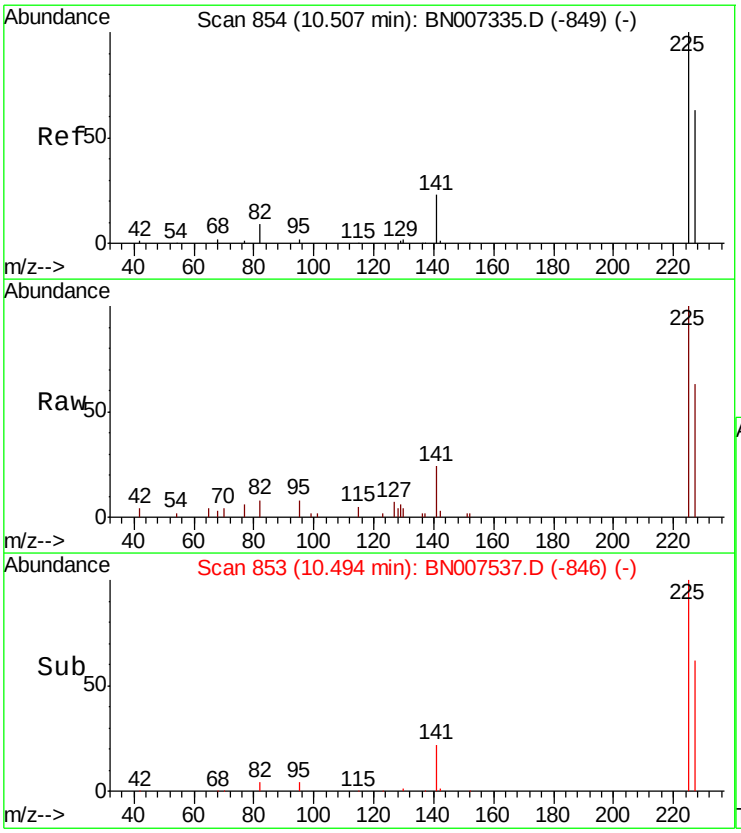
#9
Naphthalene
Concen: 0.390 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 30237

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.1	16.7#
127	13.7	15.5	23.3#

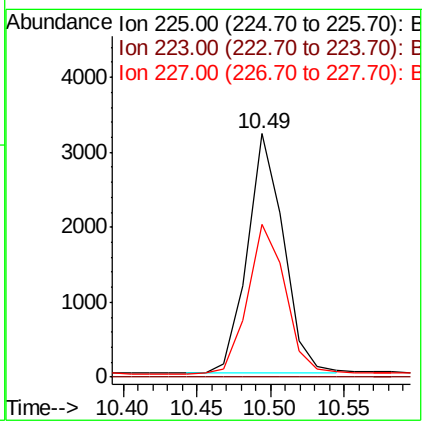


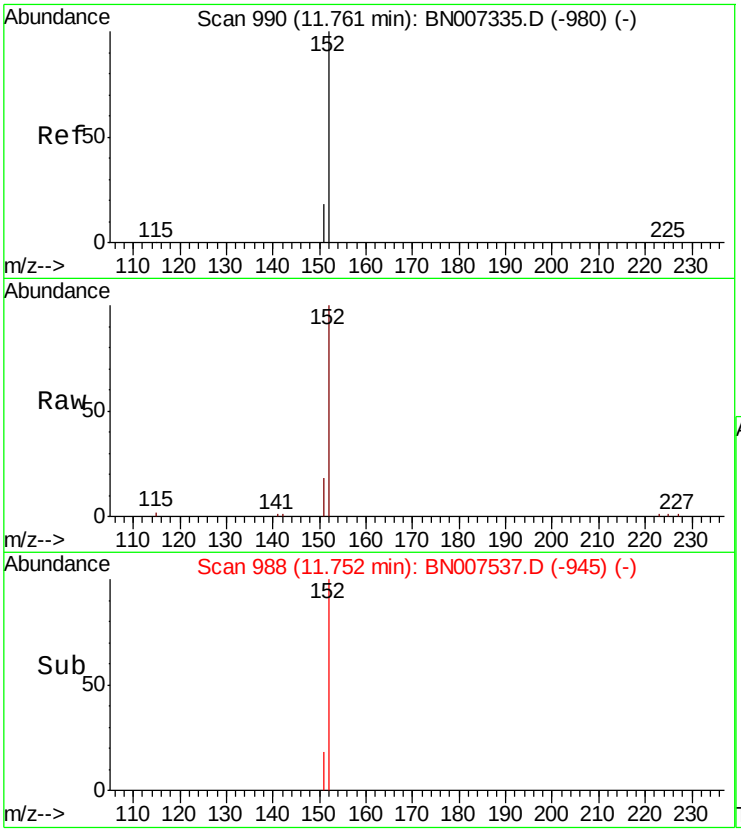


#10
Hexachlorobutadiene
Concen: 0.345 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:225 Resp: 5479

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	50.7	76.1



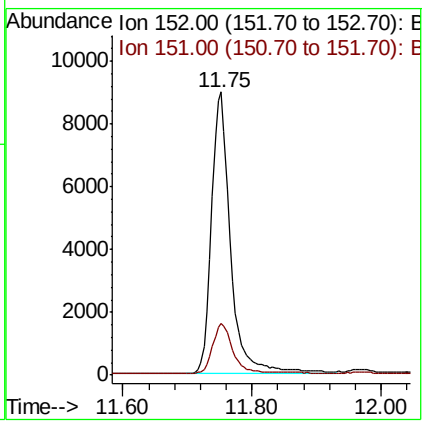


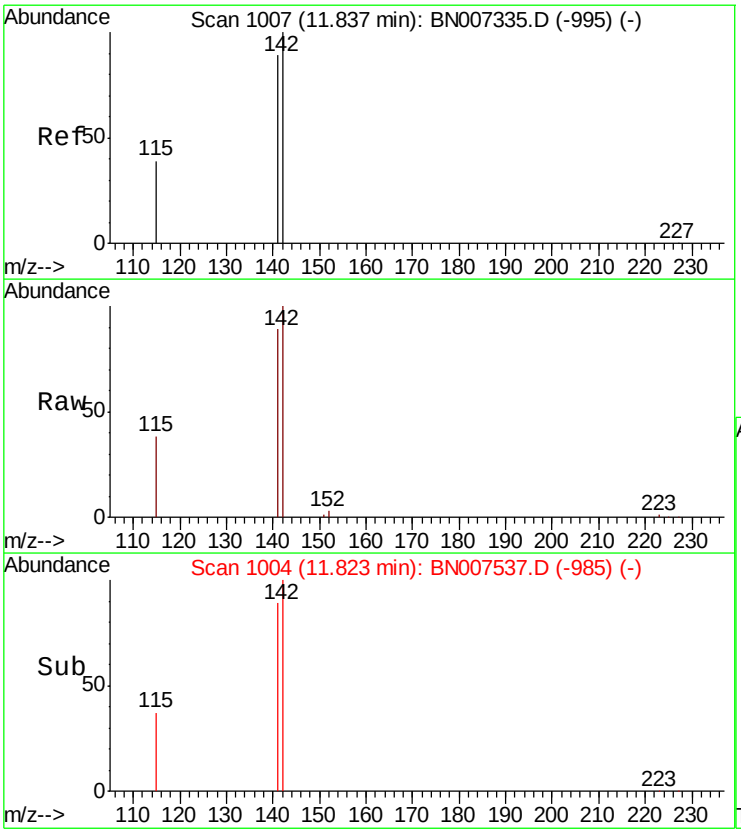
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 18256

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.2	24.2

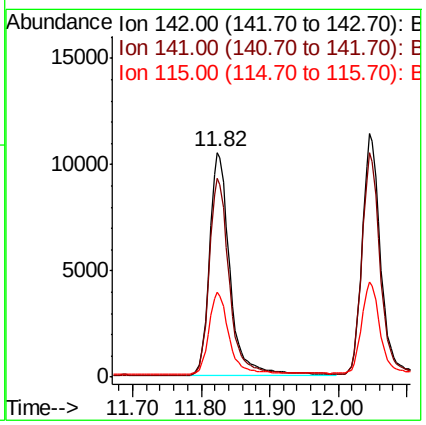


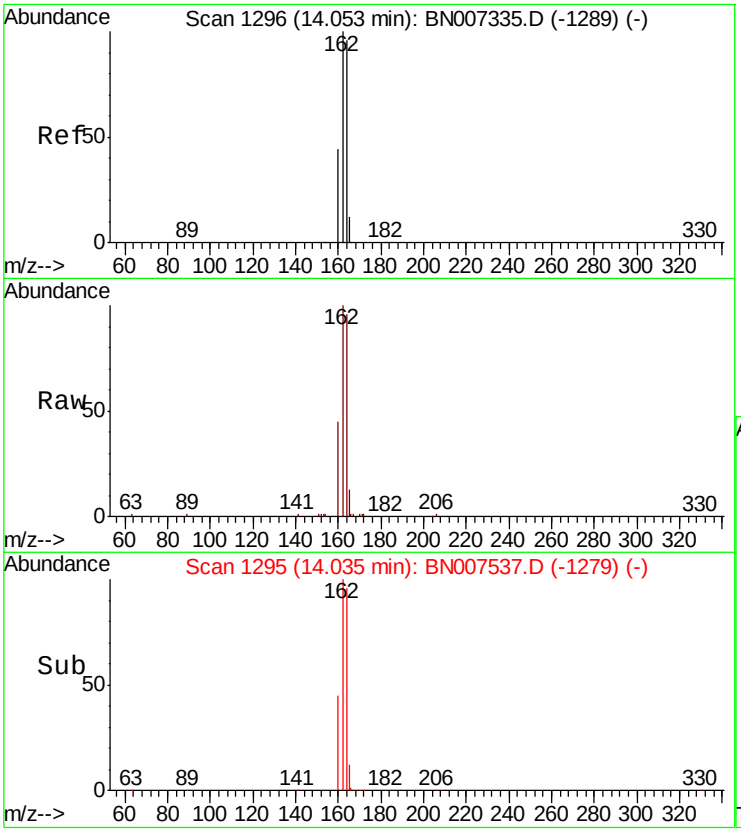


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:142 Resp: 21680

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.8	109.2
115	37.7	35.2	52.8



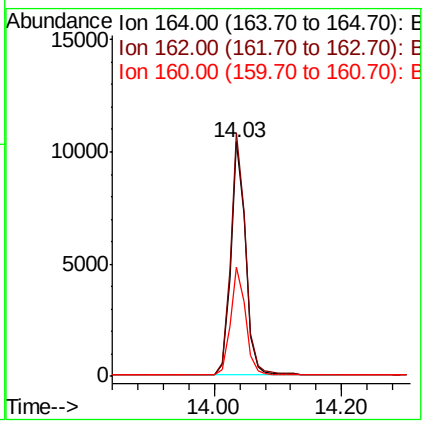


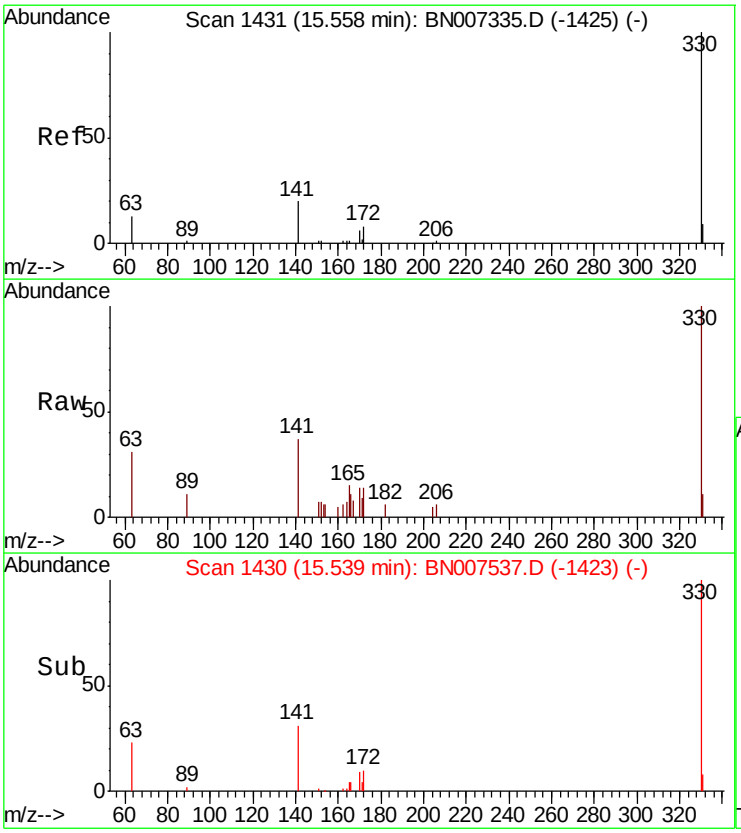
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 16619

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.5	125.3
160	46.8	38.2	57.4

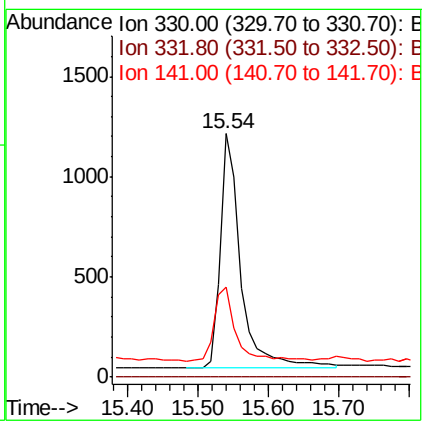


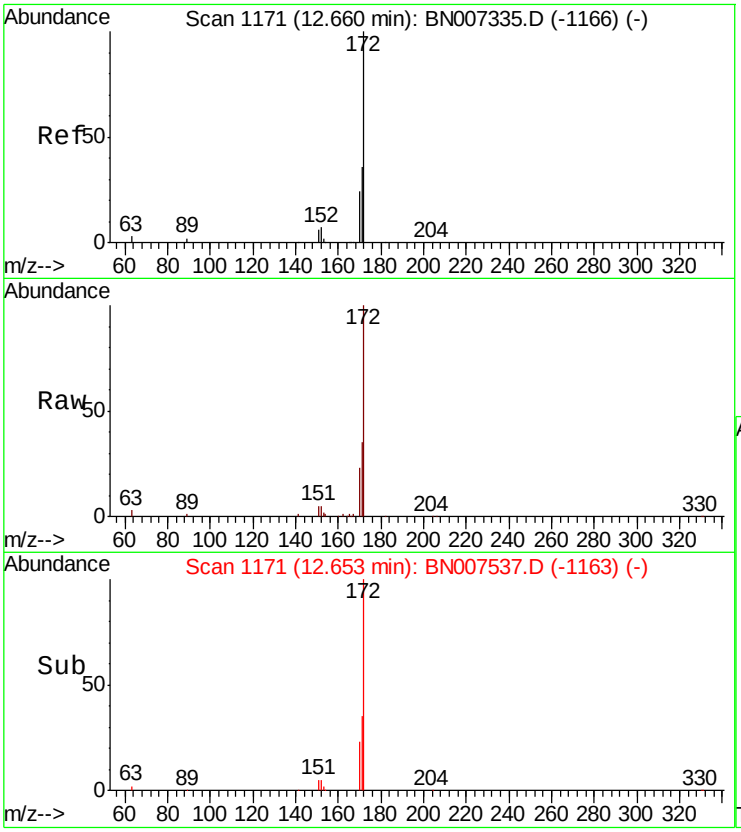


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:330 Resp: 2403

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.0	26.9	40.3



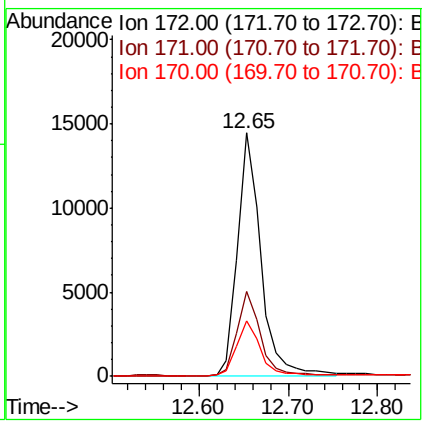


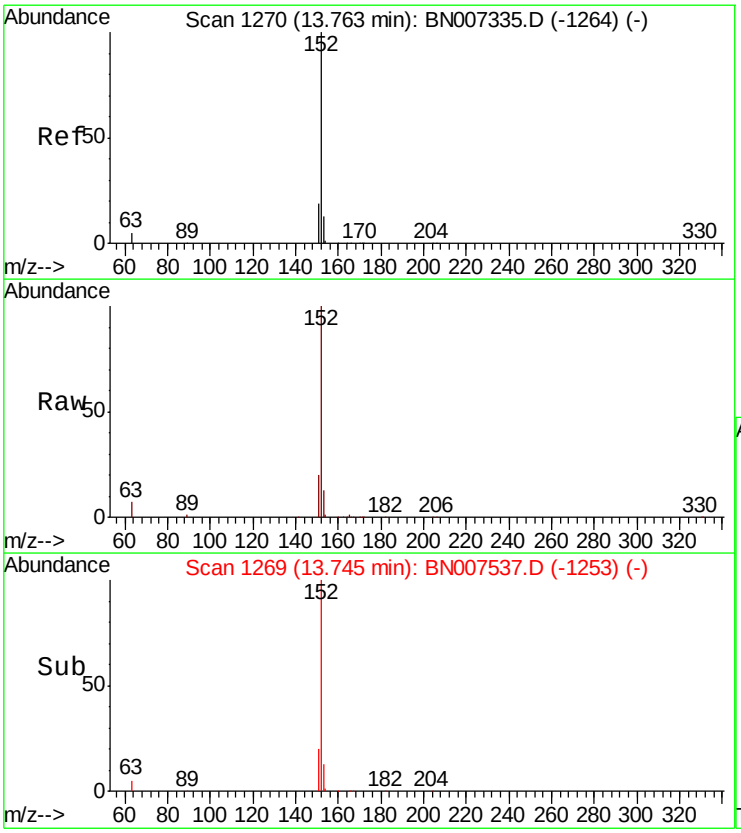
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 26089

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.3	45.5
170	22.9	20.7	31.1

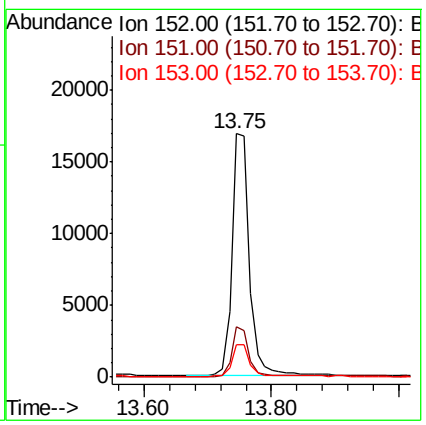


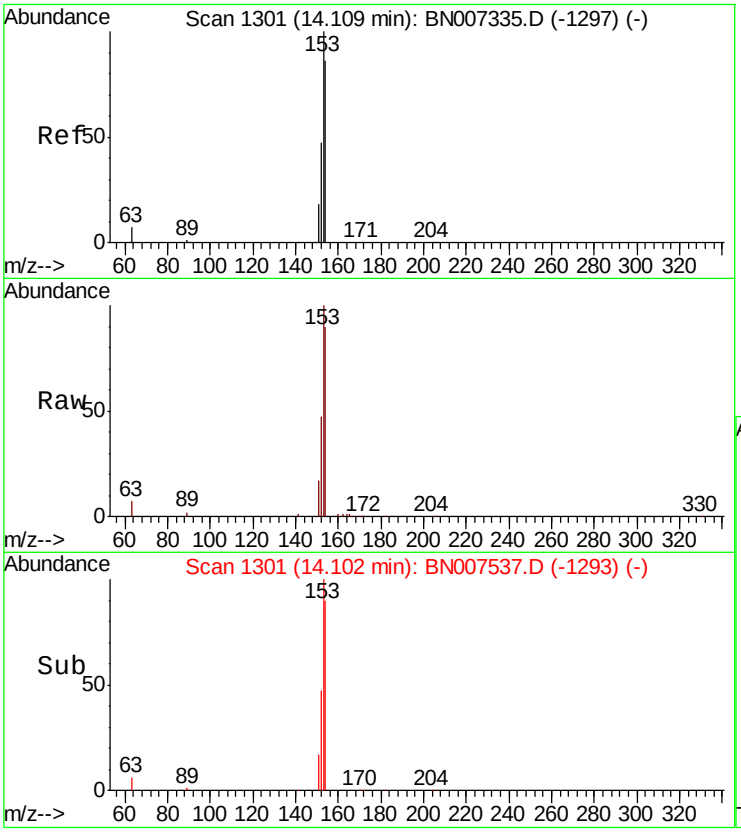


#16
Acenaphthylene
Concen: 0.330 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:152 Resp: 32401

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	12.9	10.6	15.8



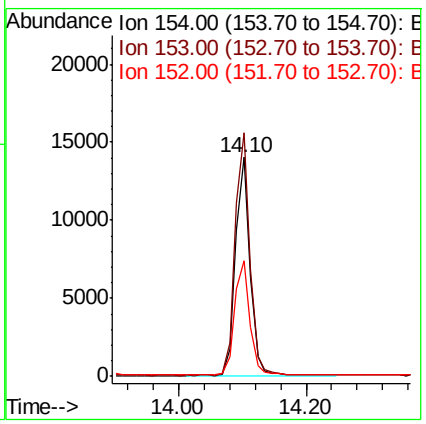


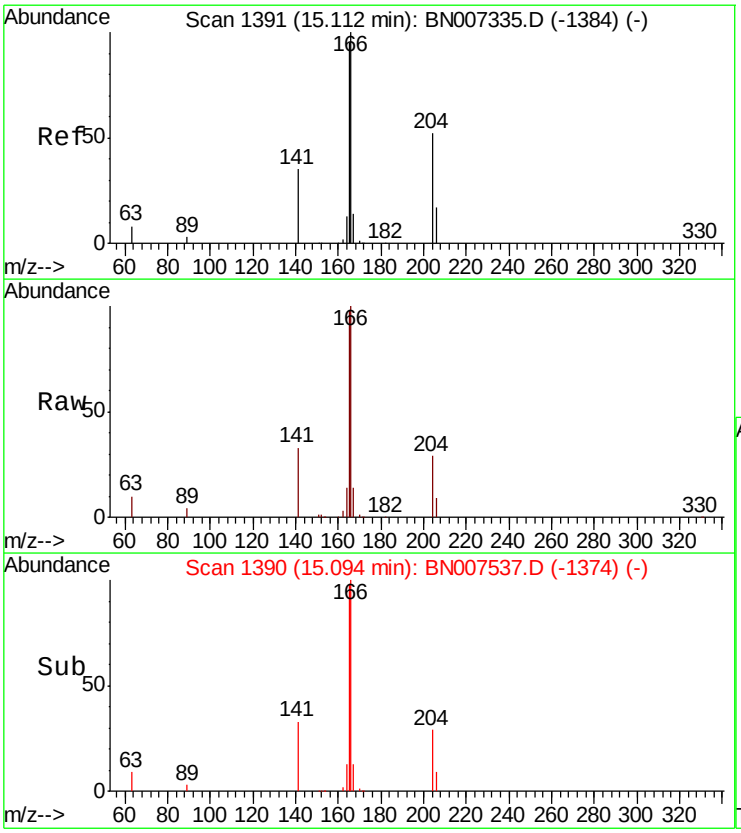
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 22346

Ion	Ratio	Lower	Upper
154	100		
153	112.7	92.8	139.2
152	54.0	43.8	65.8

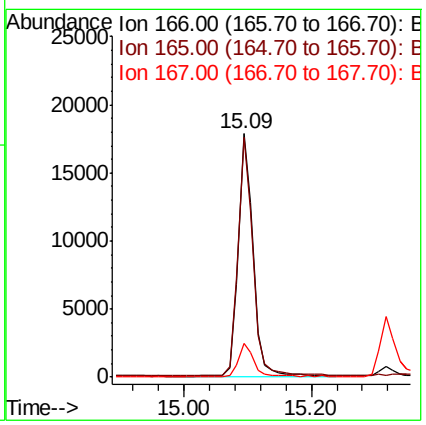


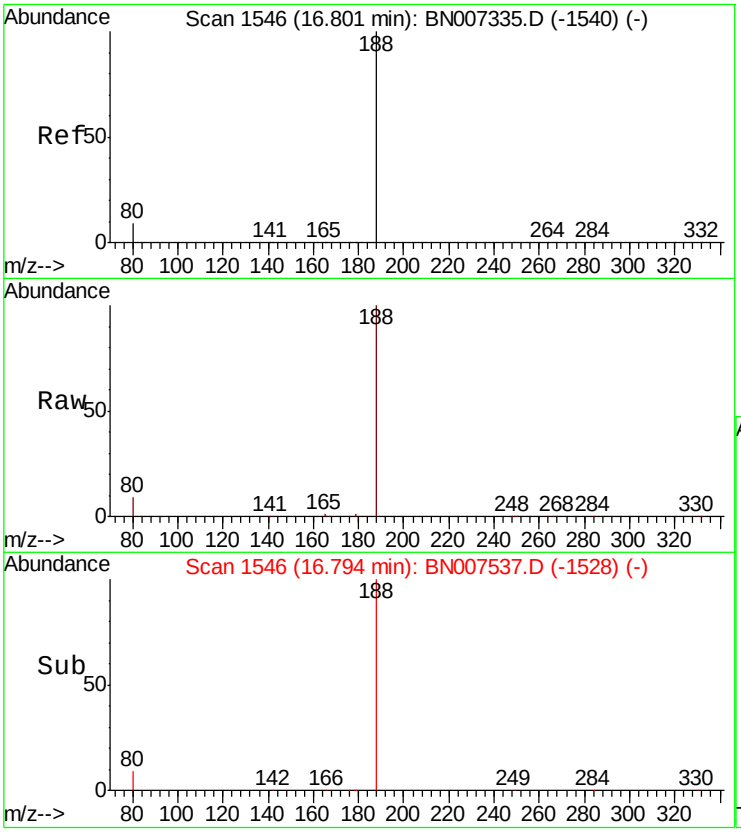


#18
Fluorene
Concen: 0.399 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:166 Resp: 29036

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.4	10.6	15.8



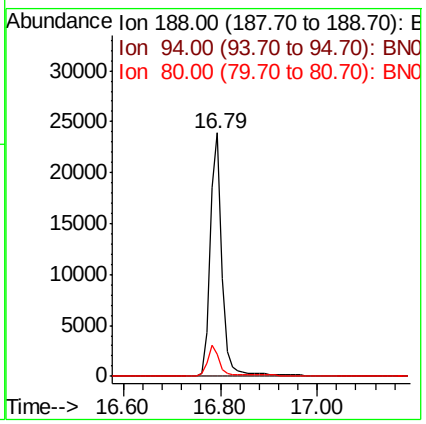


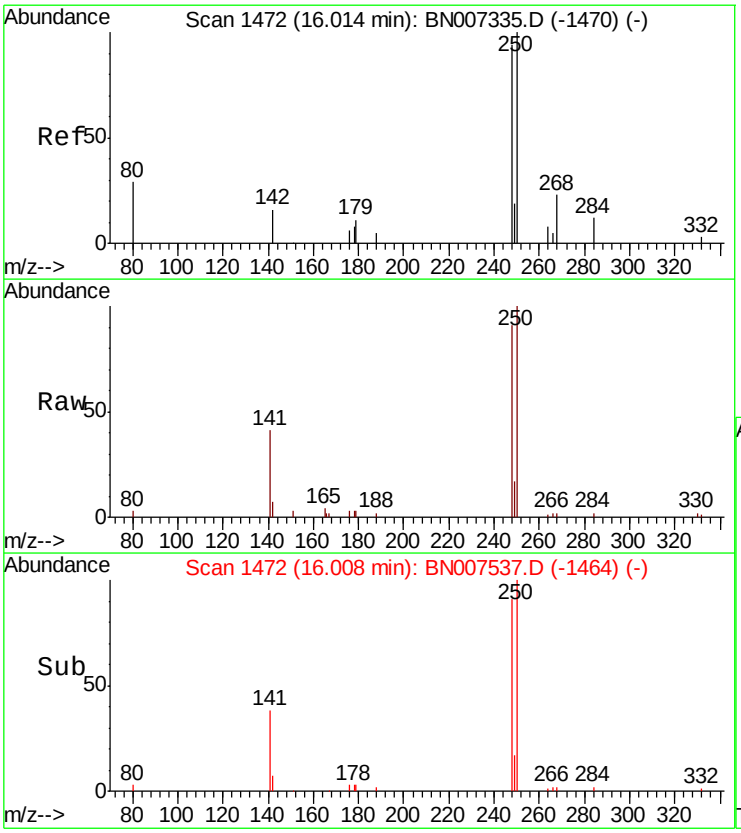
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 39636

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	11.8	17.8#

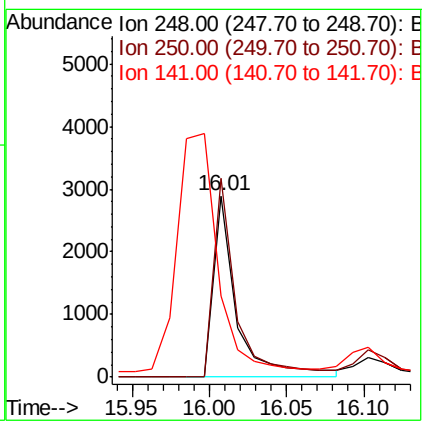


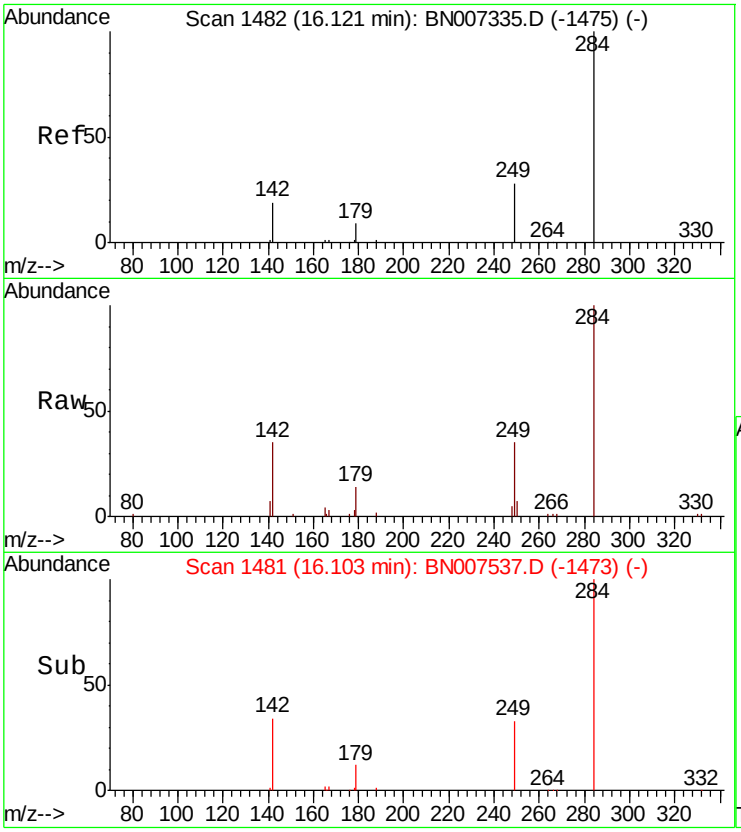


#20
4-Bromophenyl-phenylether
Concen: 0.193 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:248 Resp: 3018

Ion	Ratio	Lower	Upper
248	100		
250	109.5	85.0	127.6
141	44.6	51.7	77.5#



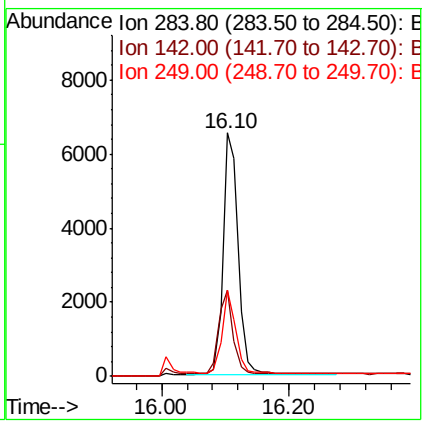


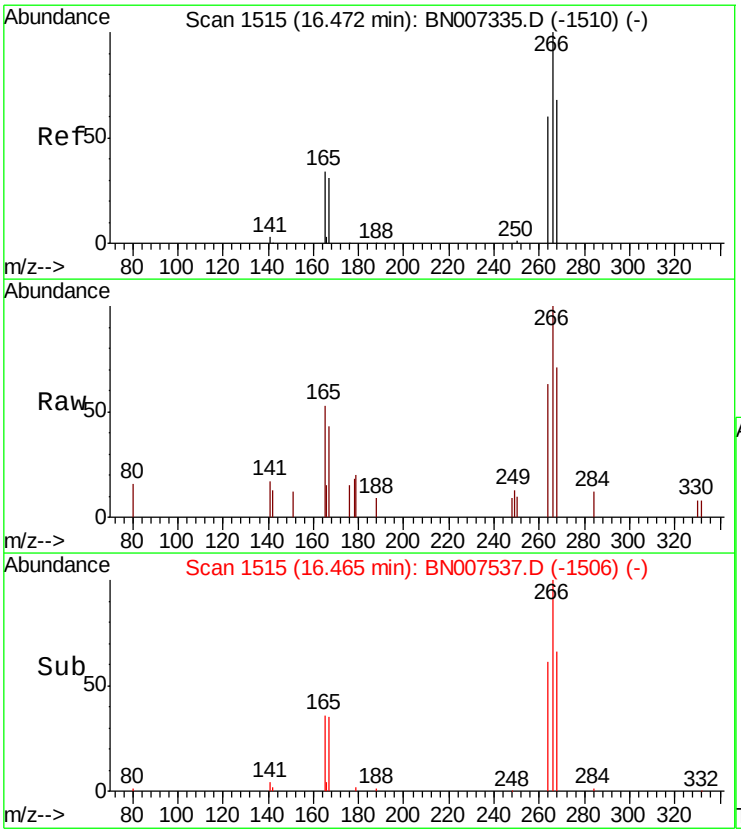
#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 10495

Ion	Ratio	Lower	Upper
284	100		
142	33.3	29.0	43.6
249	30.9	24.9	37.3

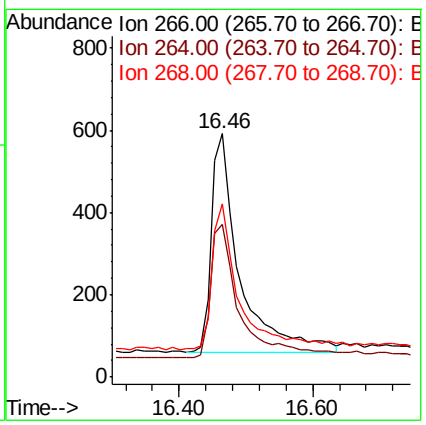


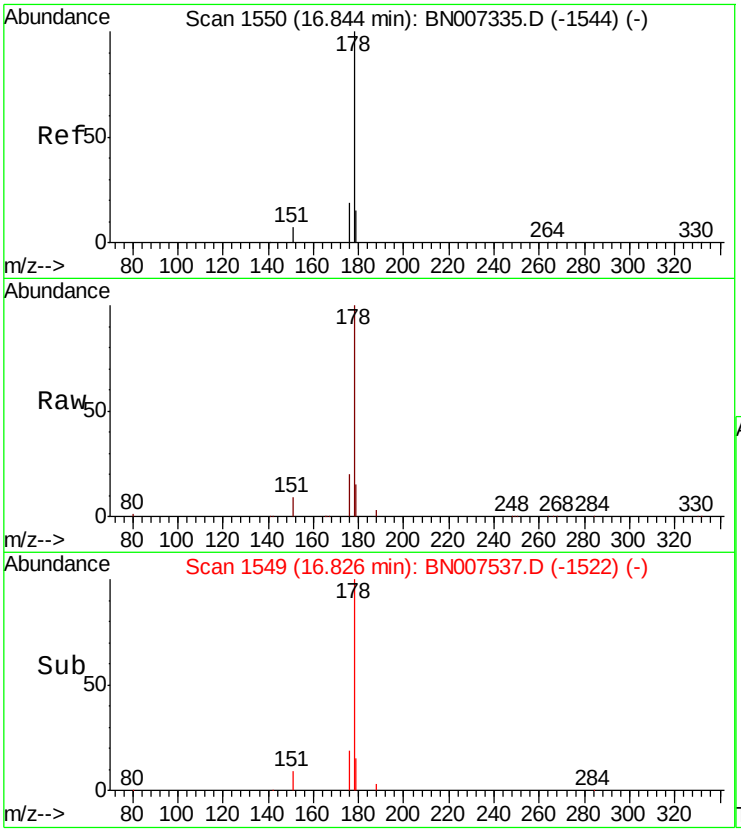


#22
Pentachlorophenol
Concen: 0.188 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:266 Resp: 1548

Ion	Ratio	Lower	Upper
266	100		
264	62.7	57.8	86.8
268	70.9	99.7	149.5#



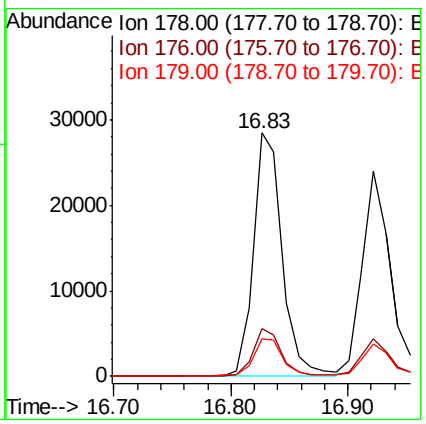


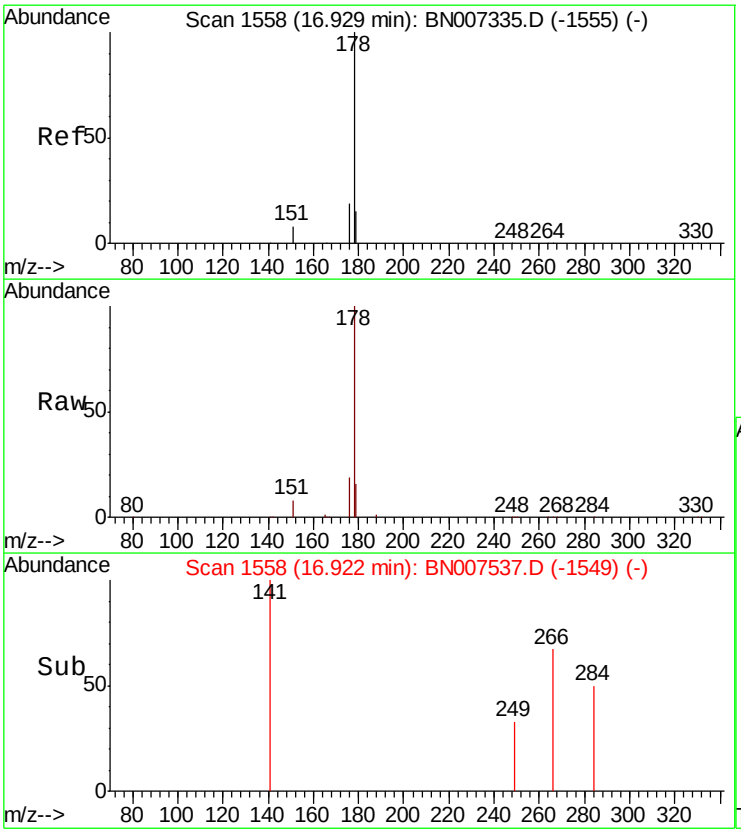
#23
Phenanthrene
Concen: 0.406 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 48375

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.5	12.6	19.0

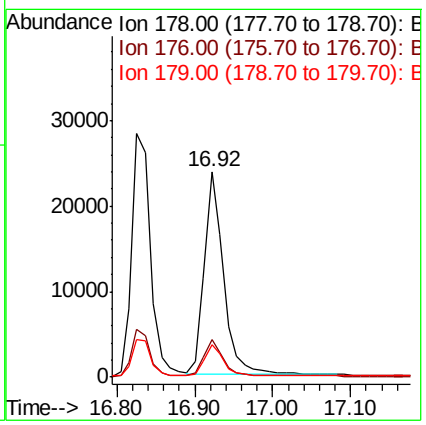


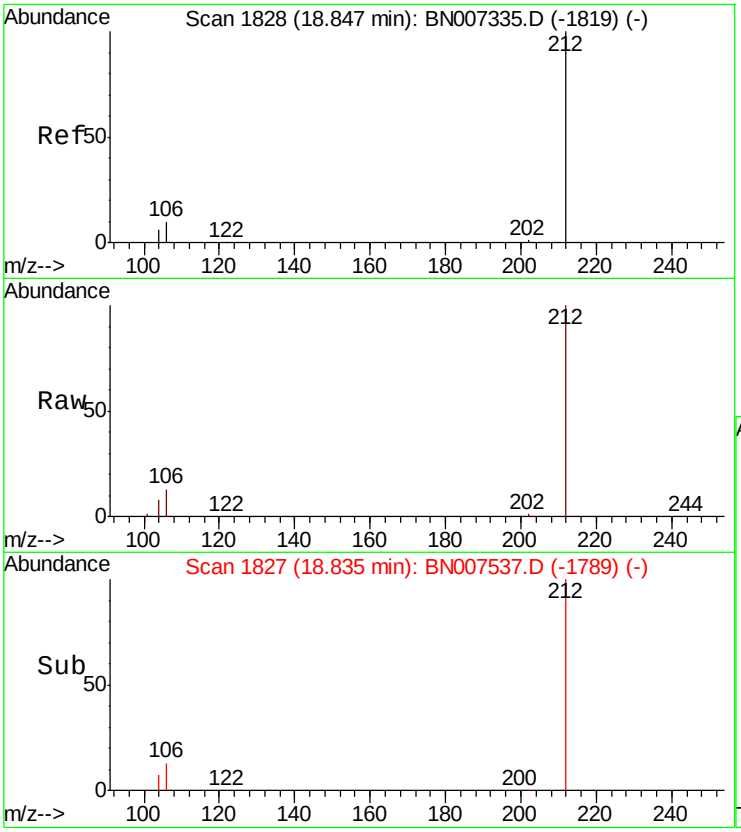


#24
Anthracene
Concen: 0.344 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:178 Resp: 41199

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	15.1	12.4	18.6



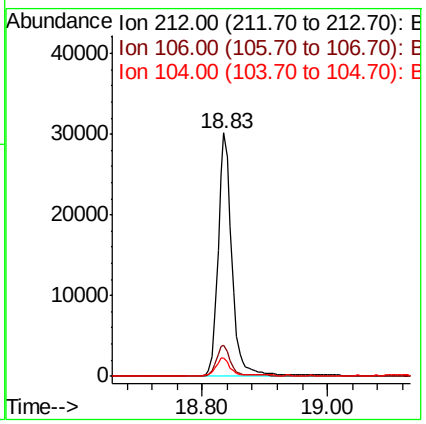


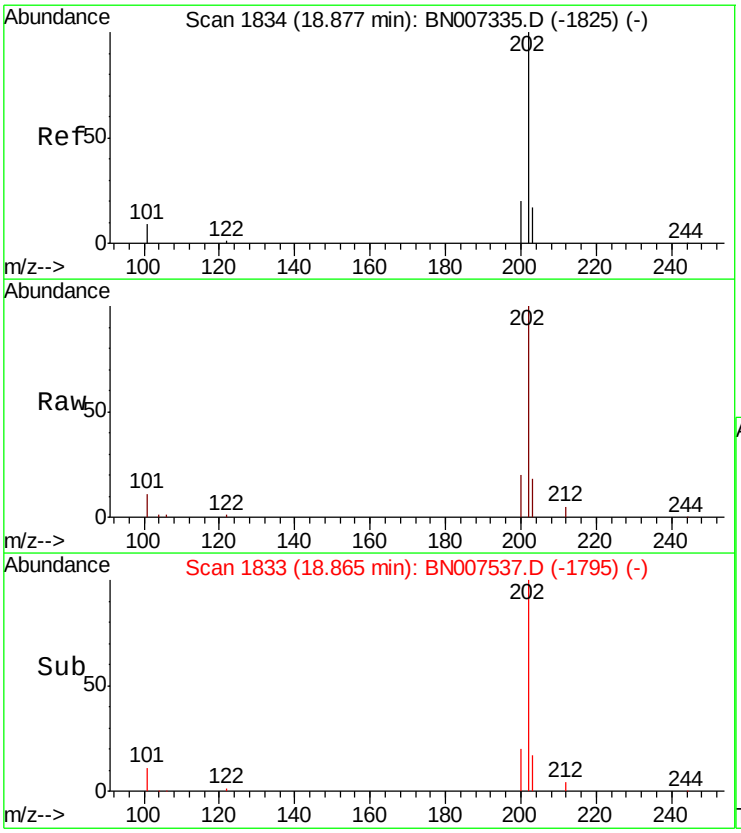
#25
Fluoranthene-d10
Concen: 0.360 ng
RT: 18.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 45982

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.0	13.4
104	7.3	5.4	8.2

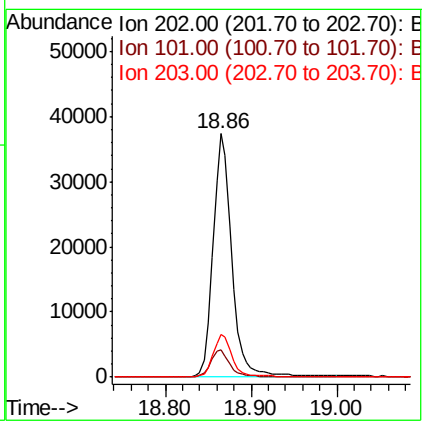


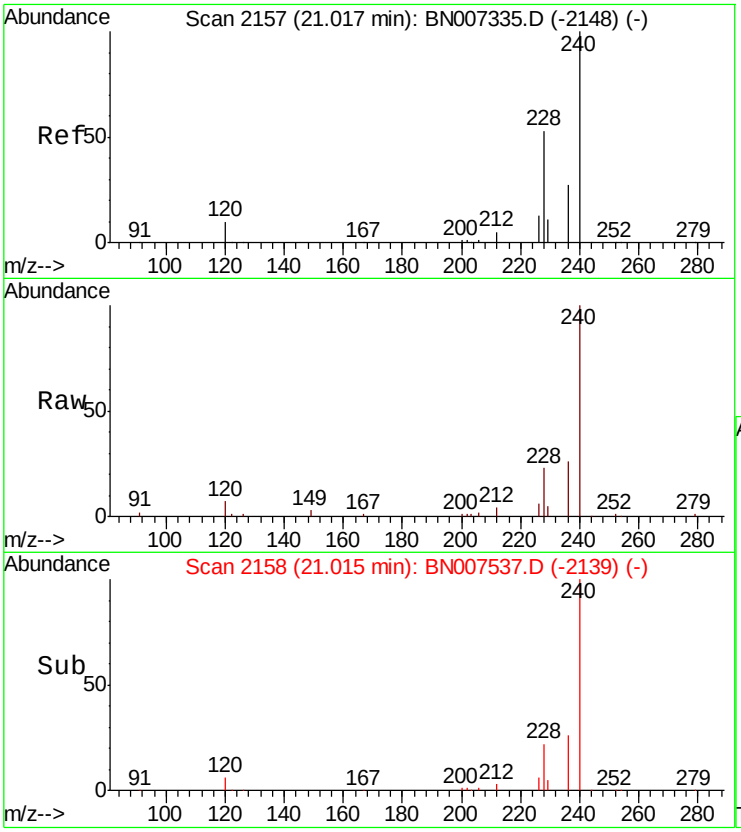


#26
Fluoranthene
Concen: 0.366 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:202 Resp: 55984

Ion	Ratio	Lower	Upper
202	100		
101	11.3	7.7	11.5
203	17.2	13.7	20.5



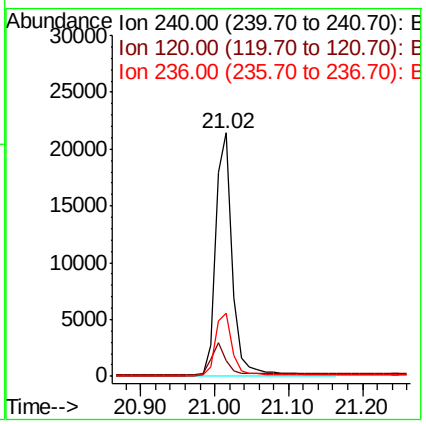


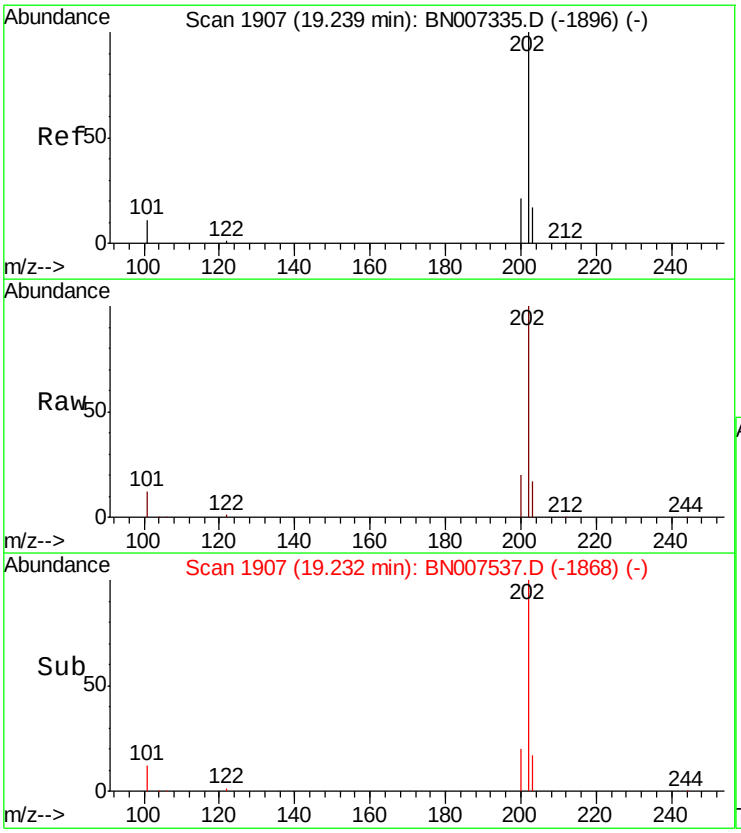
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 33955

Ion	Ratio	Lower	Upper
240	100		
120	6.7	9.6	14.4#
236	26.1	22.2	33.2

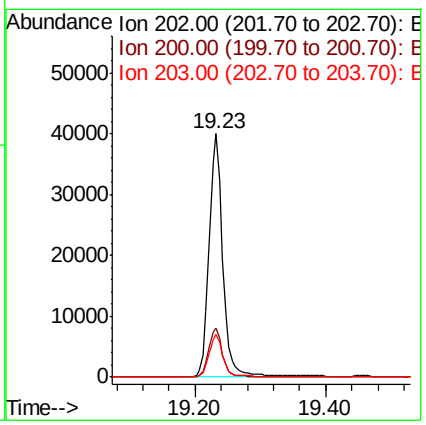


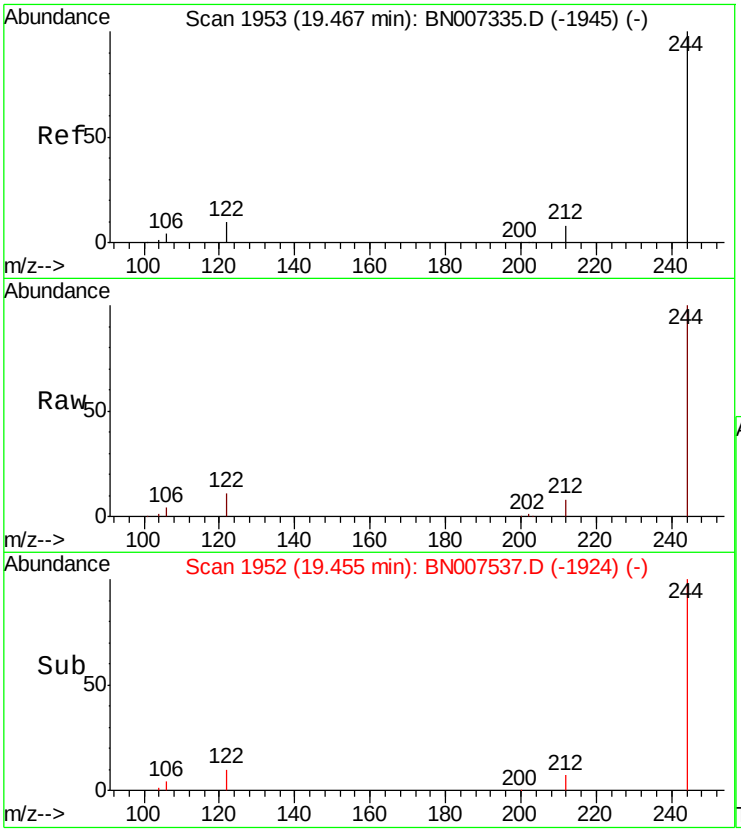


#28
Pyrene
Concen: 0.418 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:202 Resp: 57037

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	17.6	14.2	21.4



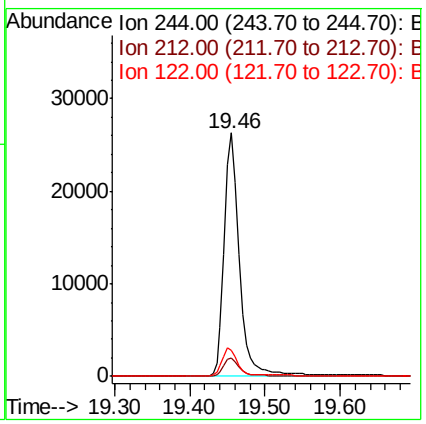


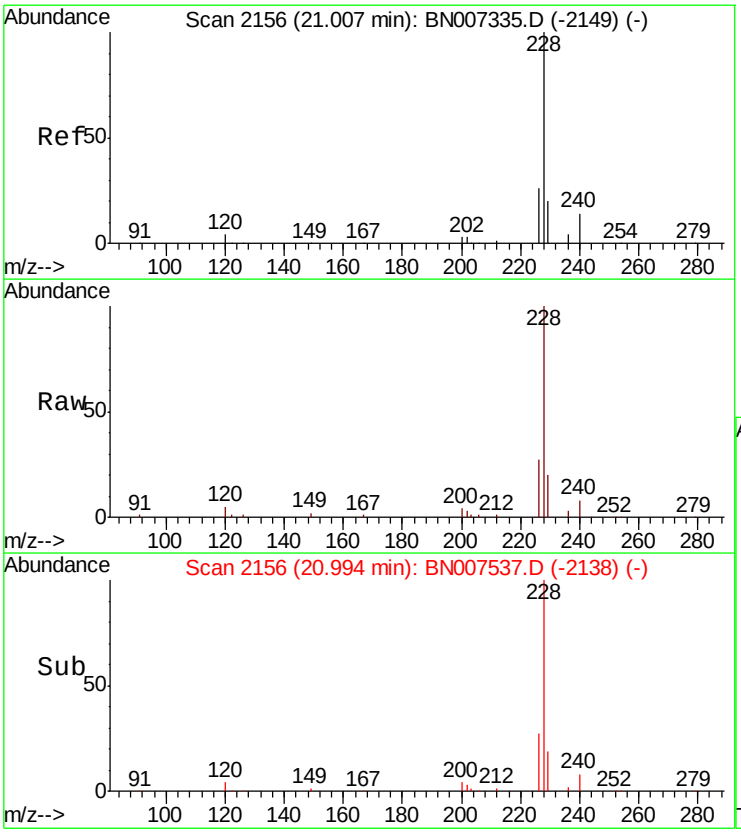
#29
Terphenyl-d14
Concen: 0.413 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 36698

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.6
122	10.8	9.6	14.4

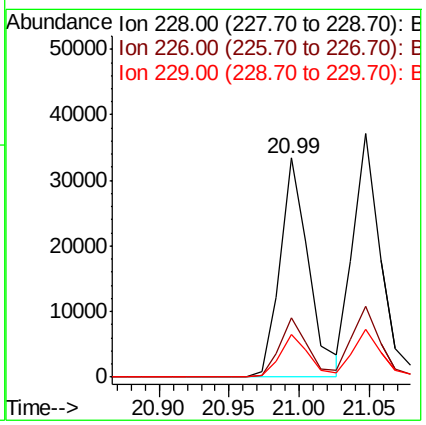


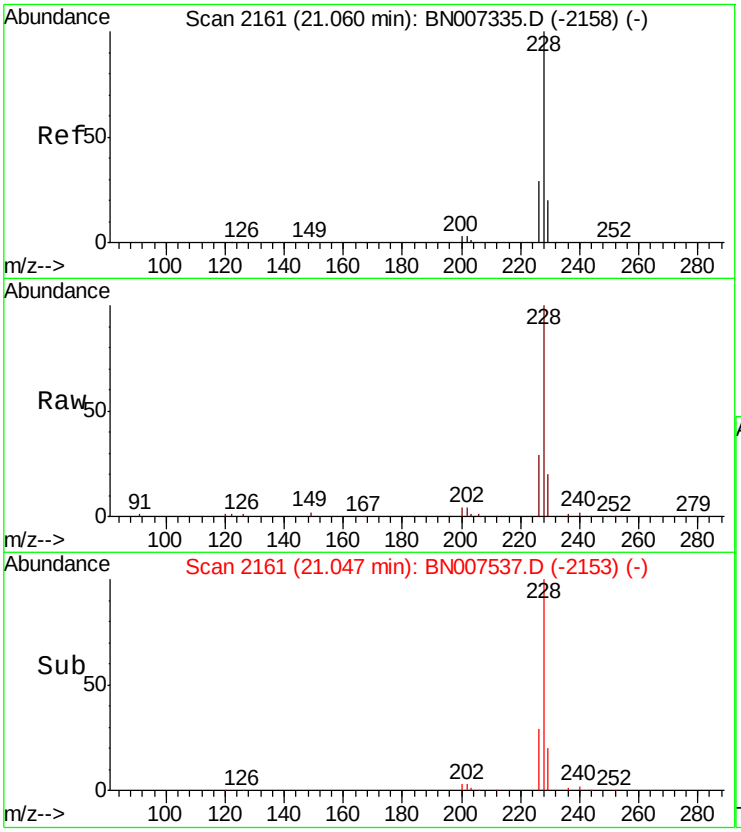


#30
Benzo(a)anthracene
Concen: 0.360 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:228 Resp: 47959

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	19.7	16.1	24.1



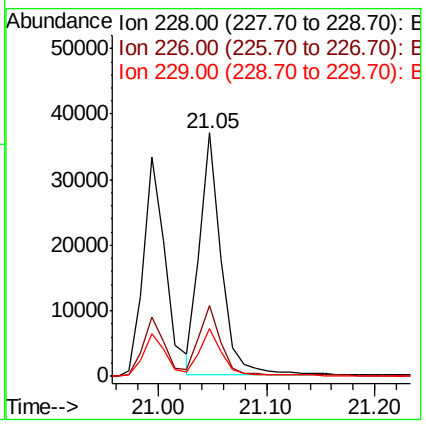


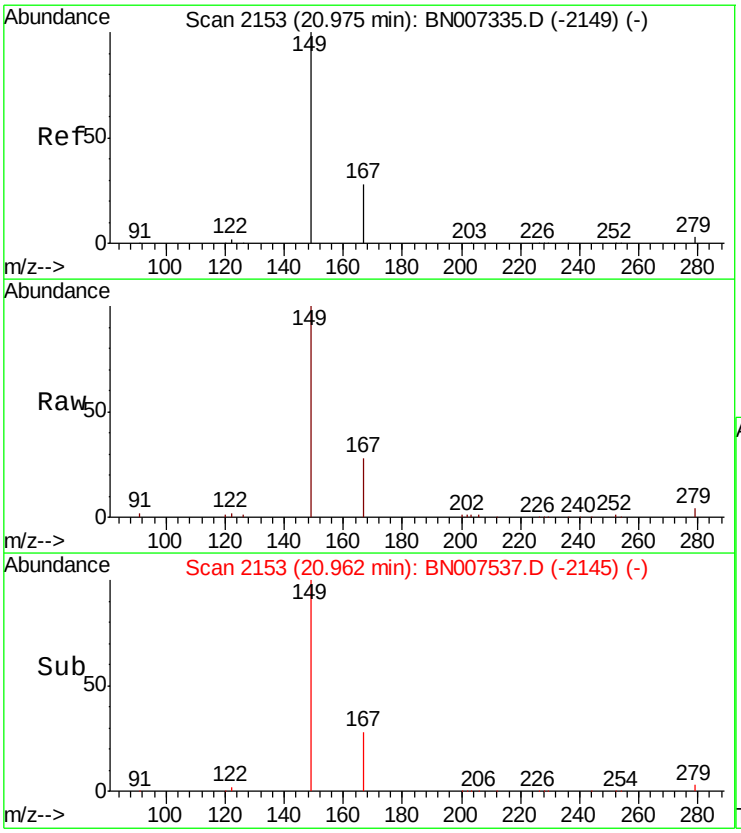
#31
Chrysene
Concen: 0.391 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 50374

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.5	35.3
229	19.8	16.6	24.8

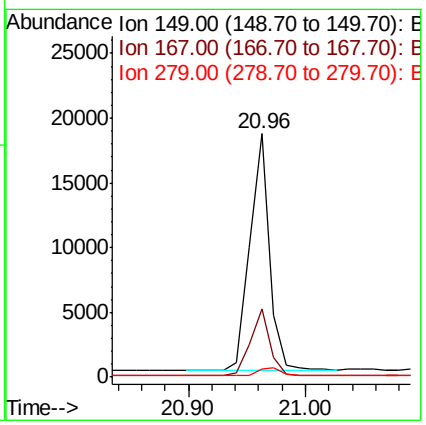


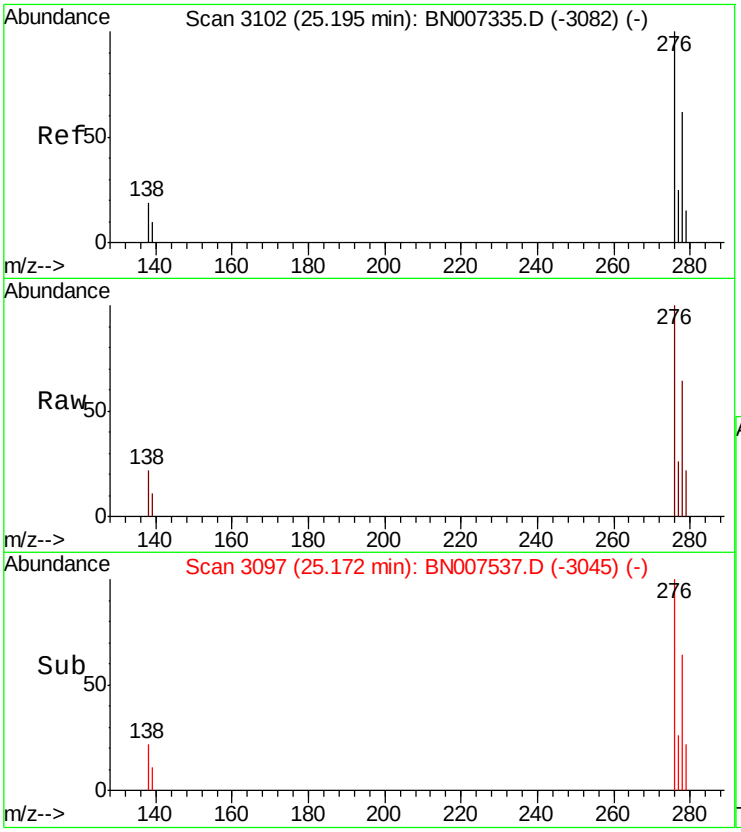


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.231 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:149 Resp: 21534

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.8	34.2
279	4.3	3.5	5.3



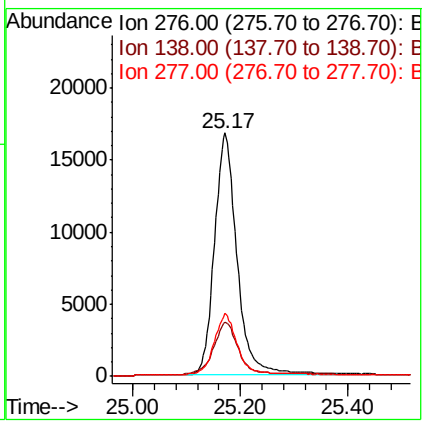


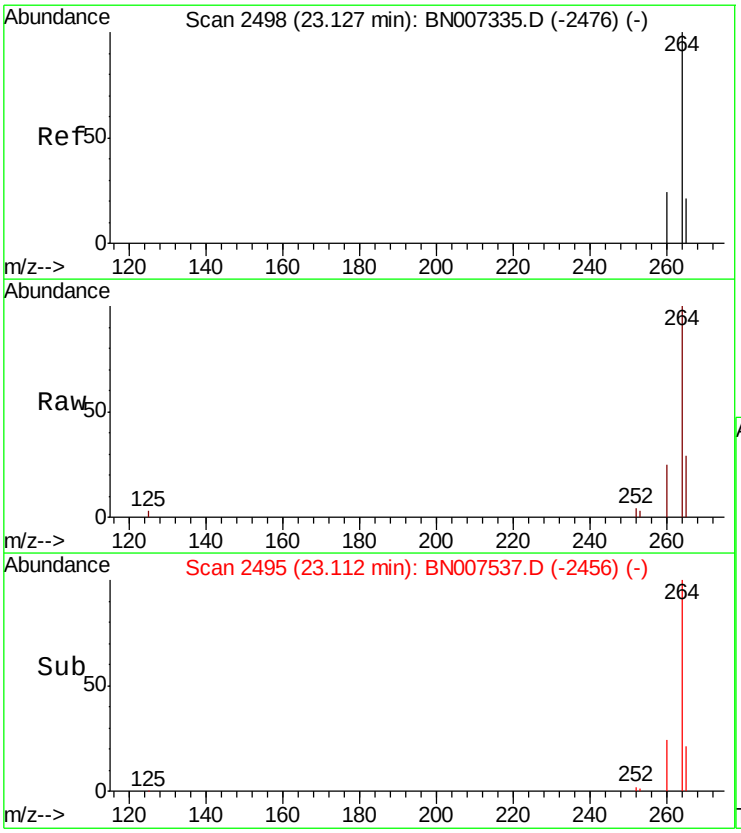
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng
RT: 25.17 min Scan# 3097
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 49198

Ion	Ratio	Lower	Upper
276	100		
138	23.0	15.1	22.7#
277	24.8	19.7	29.5

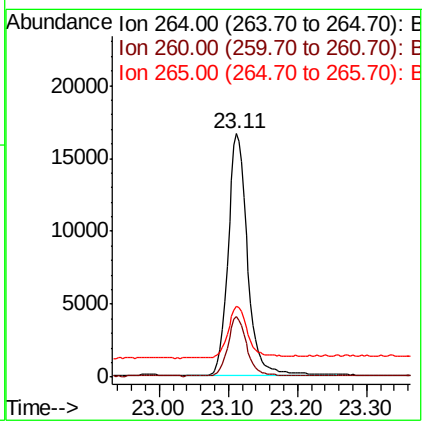


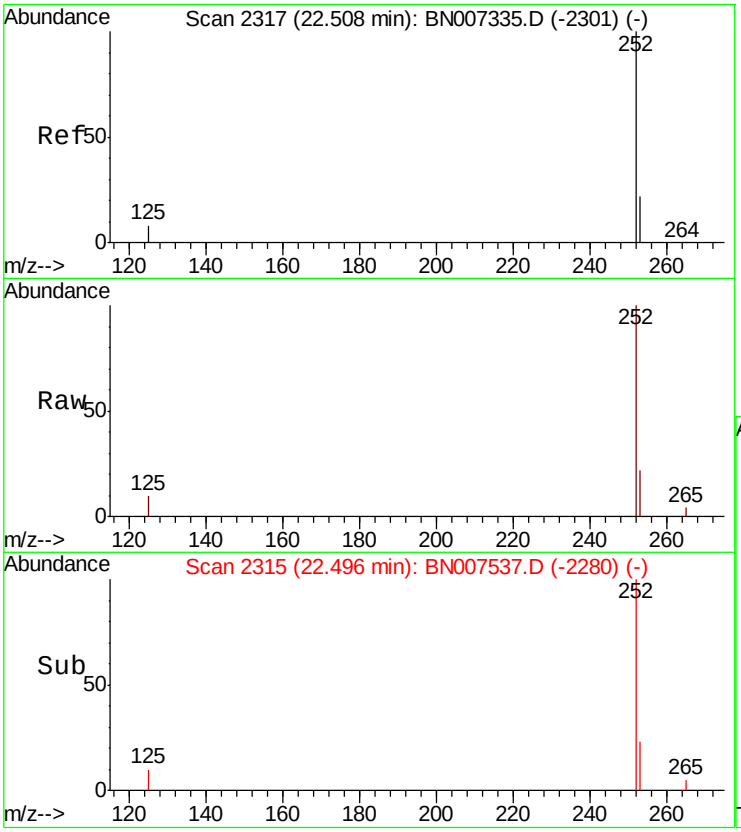


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:264 Resp: 32278

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	29.0	29.9	44.9#



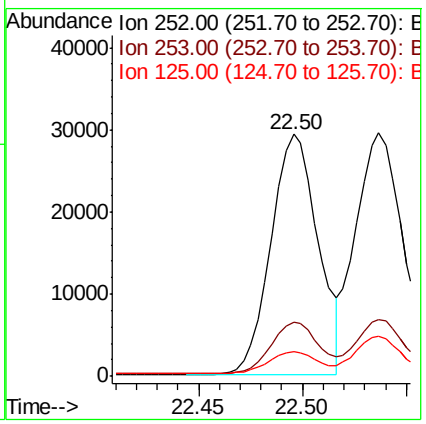


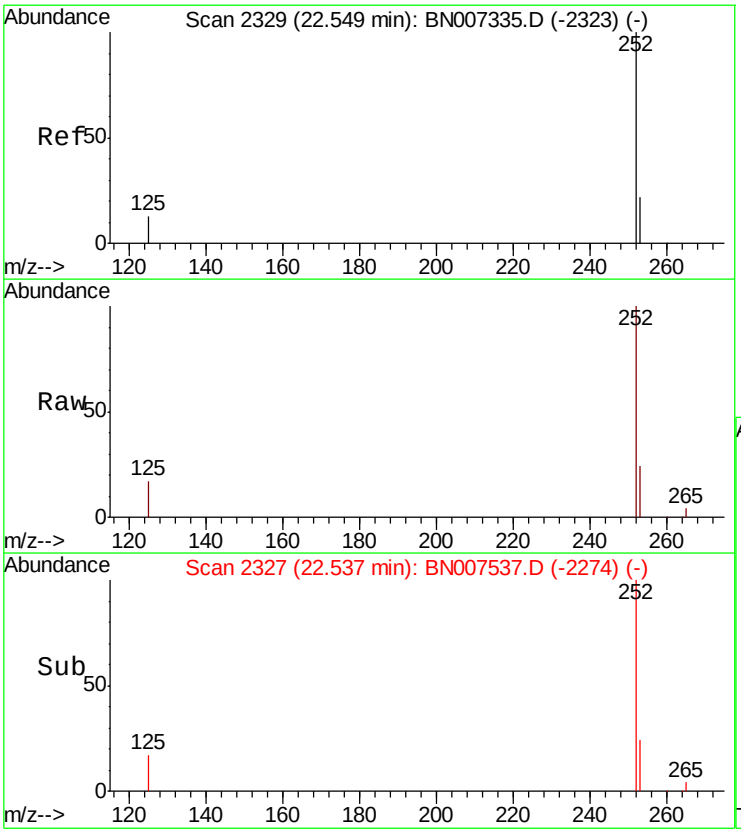
#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 22.50 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 46099

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	10.3	10.6	16.0#

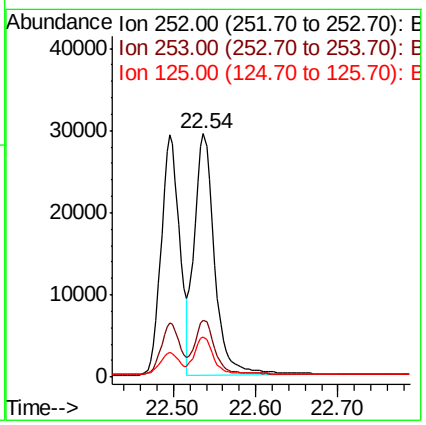


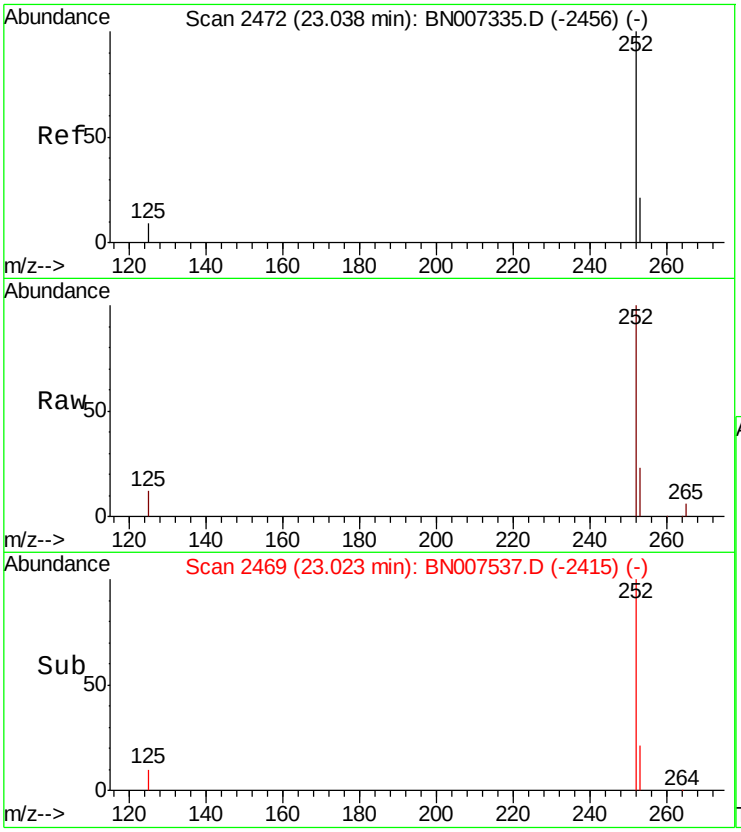


#36
Benzo(k)fluoranthene
Concen: 0.435 ng
RT: 22.54 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:252 Resp: 50264

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.4	29.2
125	16.7	13.1	19.7



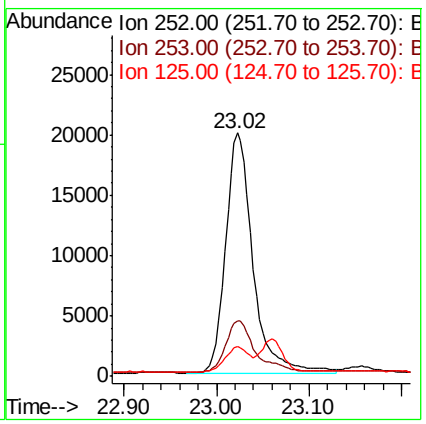


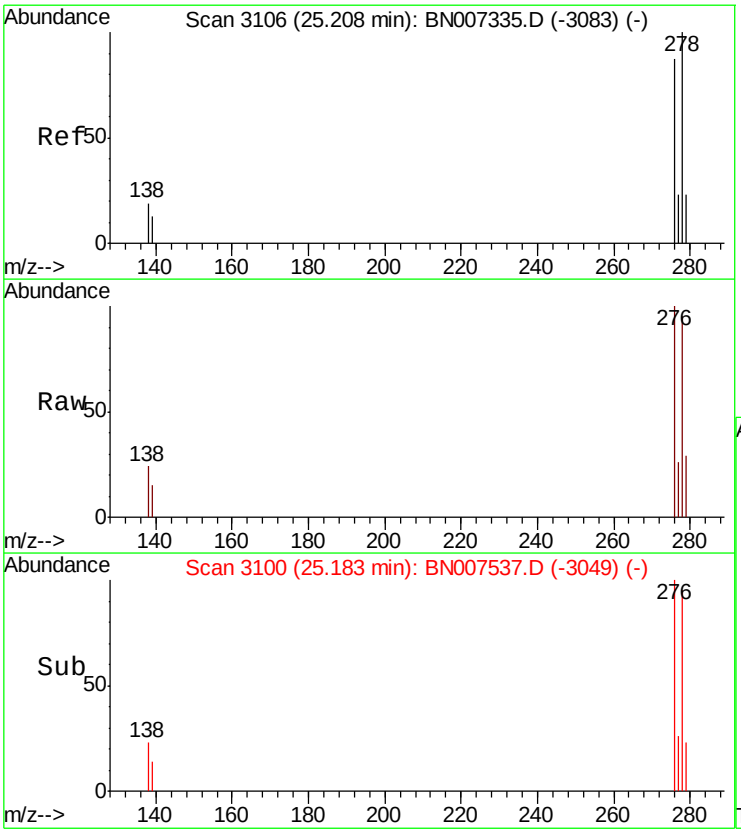
#37
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.02 min Scan# 2469
Delta R.T. -0.02 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 40877

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.5	29.3
125	12.2	12.1	18.1

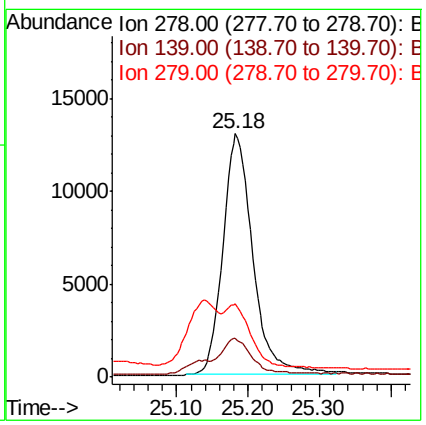


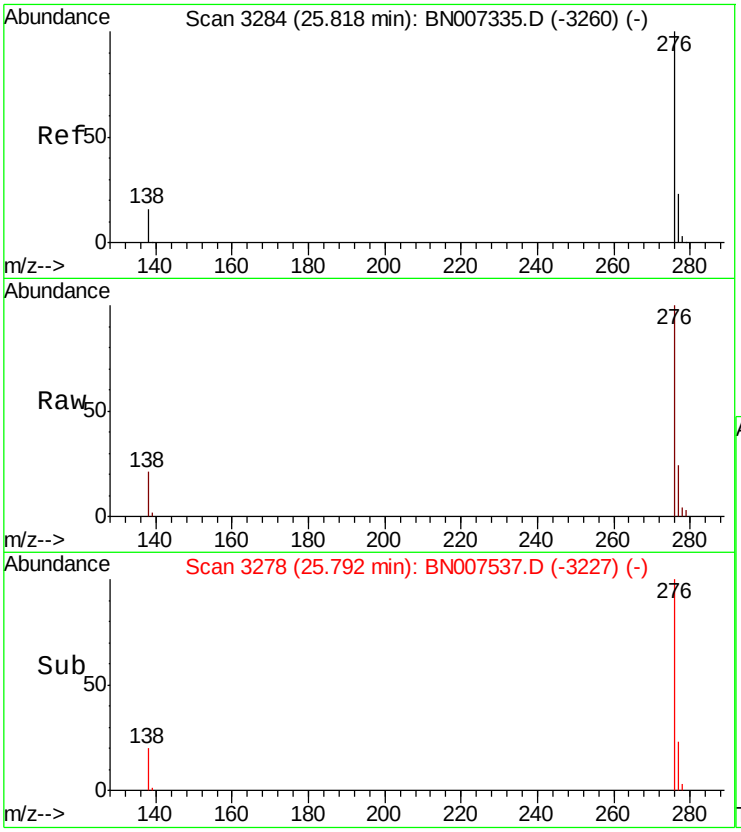


#38
Dibenzo(a,h)anthracene
Concen: 0.342 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.03 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Tgt Ion:278 Resp: 38003

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.7	20.5
279	29.9	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 25.79 min Scan# 3278
Delta R.T. -0.03 min
Lab File: BN007537.D
Acq: 05 Sep 2019 17:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 39794

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	20.6	16.3	24.5