Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082919\
Data File : BN007504.D
Acq On : 29 Aug 2019 16:18
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 29 17:02:34 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	5712	0.40	ng		-0.02
7) Naphthalene-d8	10.15	136	23233	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	12531	0.40	ng		-0.01
19) Phenanthrene-d10	16.79	188	28954	0.40	ng		-0.01
27) Chrysene-d12	21.02	240	28129	0.40	ng		0.00
34) Perylene-d12	23.13	264	32832	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	7408	0.37	ng		-0.02
5) Phenol-d6	6.58	99	9341	0.37	ng		0.00
8) Nitrobenzene-d5	8.53	82	8277	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	14652	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	15.55	330	2976	0.45	ng		-0.01
15) 2-Fluorobiphenyl	12.65	172	20195	0.40	ng		-0.01
25) Fluoranthene-d10	18.84	212	36251	0.39	ng		0.00
29) Terphenyl-d14	19.46	244	28822	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	3676	0.387	ng	#	80
3) n-Nitrosodimethylamine	3.32	42	1443	0.327	ng		78
6) bis(2-Chloroethyl)ether	6.83	93	8061	0.391	ng		96
9) Naphthalene	10.19	128	25743	0.388	ng	#	90
10) Hexachlorobutadiene	10.49	225	4908	0.361	ng	#	98
12) 2-Methylnaphthalene	11.82	142	17341	0.383	ng		96
16) Acenaphthylene	13.75	152	27280	0.368	ng		99
17) Acenaphthene	14.10	154	16594	0.383	ng		98
18) Fluorene	15.10	166	21393	0.390	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	1239	0.109	ng	#	86
21) Hexachlorobenzene	16.11	284	7828	0.403	ng		95
22) Pentachlorophenol	16.46	266	2865	0.475	ng	#	63
23) Phenanthrene	16.83	178	35111	0.403	ng		100
24) Anthracene	16.93	178	34270	0.391	ng		99
26) Fluoranthene	18.87	202	42881	0.383	ng		98
28) Pyrene	19.23	202	43998	0.389	ng		100
30) Benzo(a)anthracene	21.01	228	45030	0.408	ng		99
31) Chrysene	21.05	228	42631	0.400	ng		98
32) Bis(2-ethylhexyl)phthalate	20.96	149	33495	0.450	ng	#	83
33) Indeno(1,2,3-cd)pyrene	25.19	276	55368	0.431	ng		98
35) Benzo(b)fluoranthene	22.51	252	50997	0.429	ng	#	82
36) Benzo(k)fluoranthene	22.55	252	50644	0.431	ng	#	73
37) Benzo(a)pyrene	23.03	252	50261	0.444	ng	#	53
38) Dibenzo(a,h)anthracene	25.20	278	45125	0.400	ng		100
39) Benzo(g,h,i)perylene	25.82	276	43891	0.390	ng		99

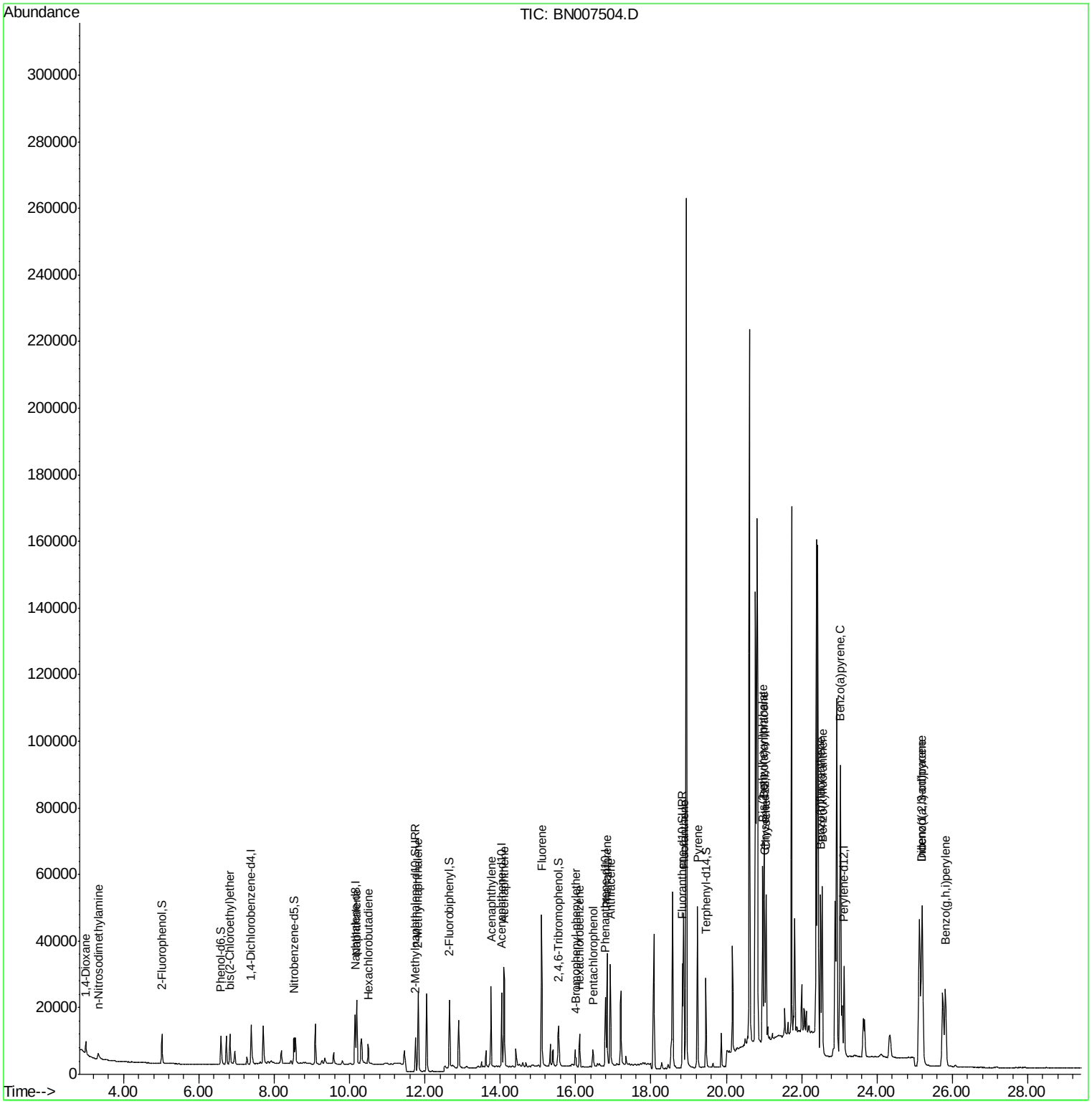
(#) = qualifier out of range (m) = manual integration (+) = signals summed

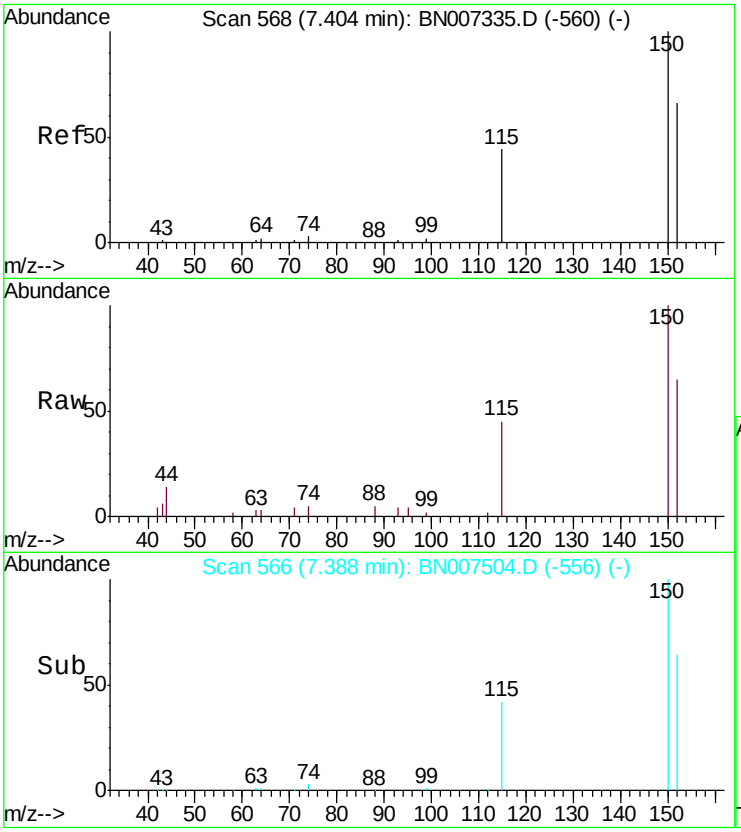
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082919\
Data File : BN007504.D
Acq On : 29 Aug 2019 16:18
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 29 17:02:34 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



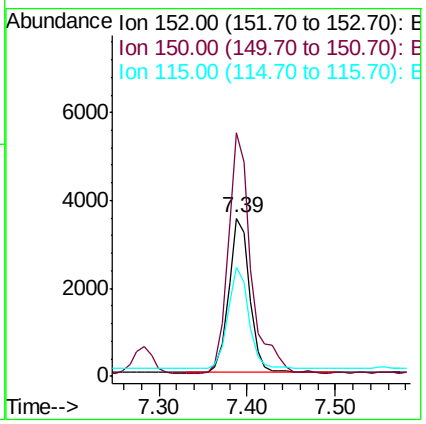


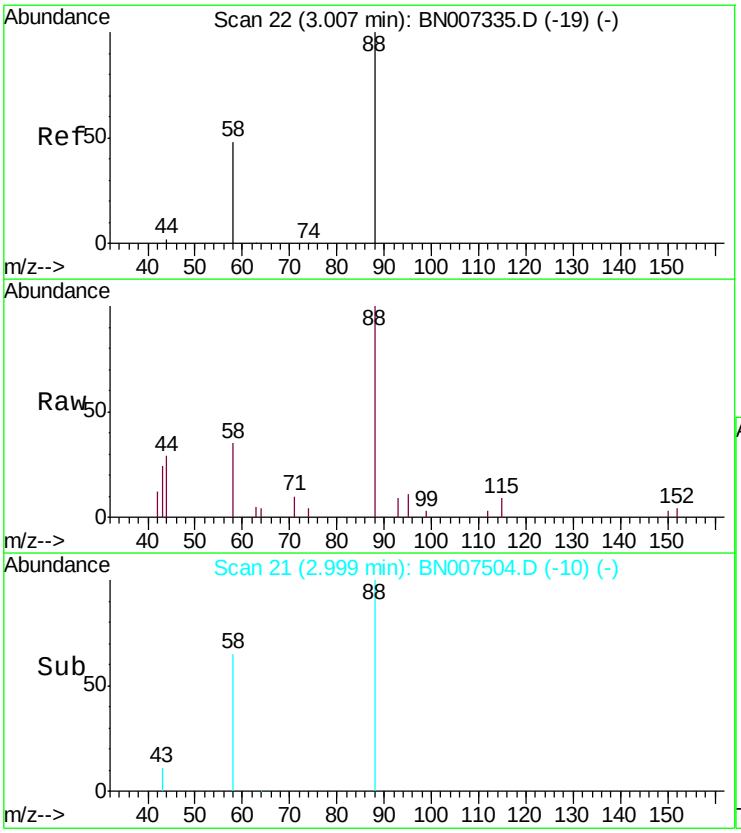
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5712

Ion	Ratio	Lower	Upper
152	100		
150	154.0	109.1	163.7
115	69.1	59.6	89.4

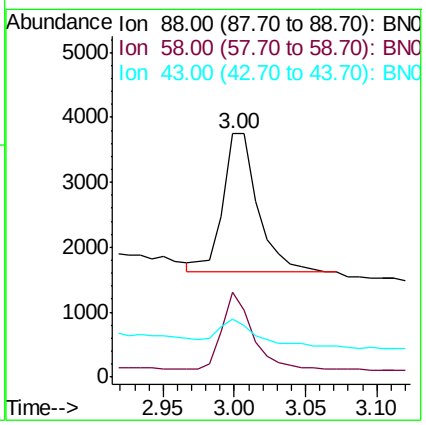


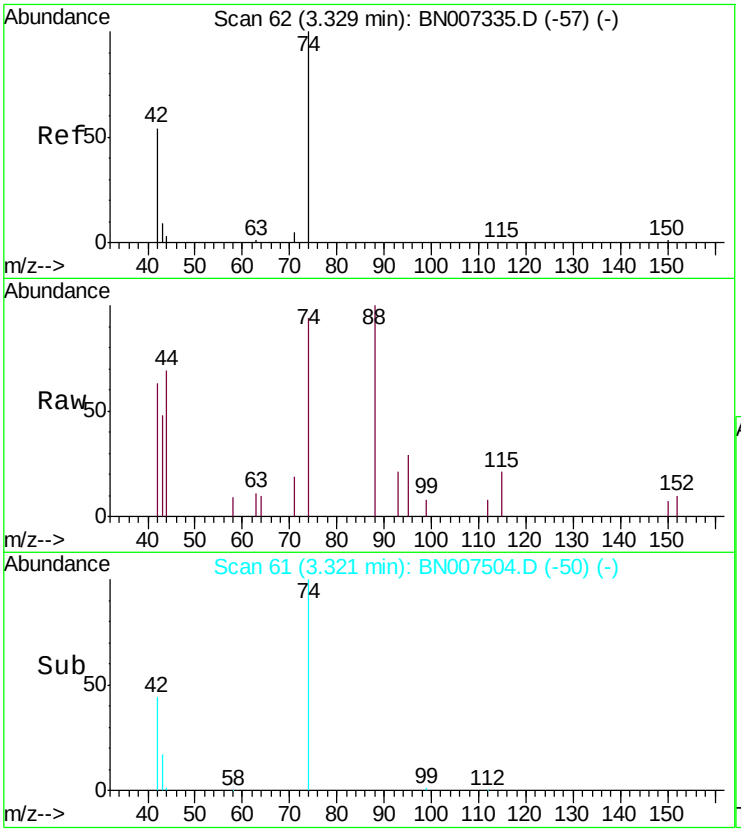


#2
1,4-Dioxane
Concen: 0.387 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion: 88 Resp: 3676

Ion	Ratio	Lower	Upper
88	100		
58	47.3	50.5	75.7#
43	19.0	0.0	0.0#



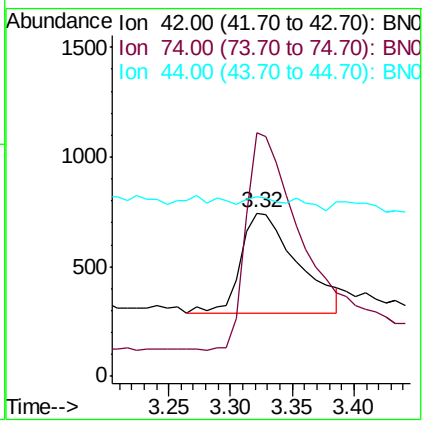


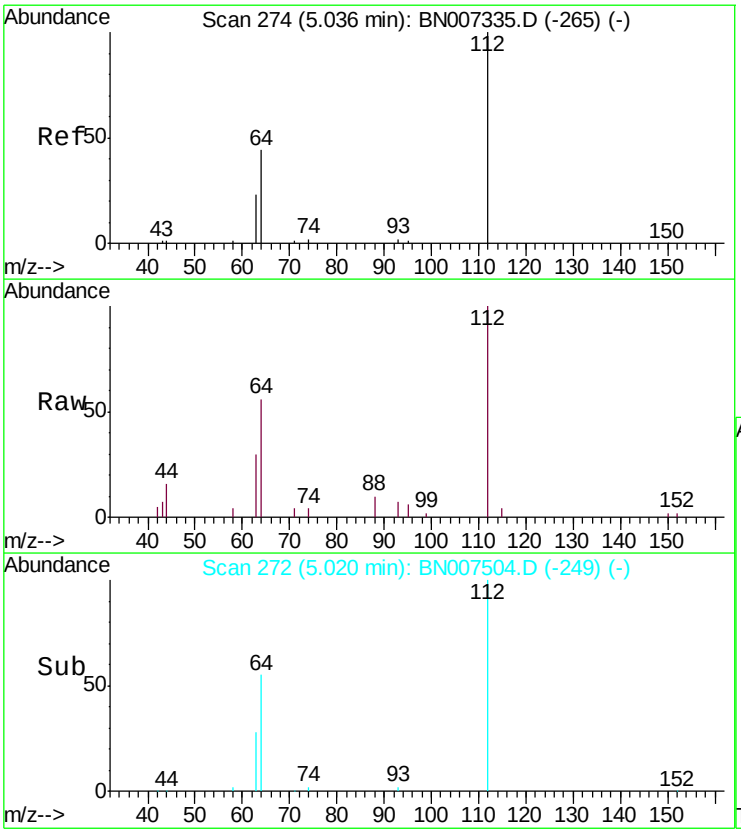
#3
n-Nitrosodimethylamine
Concen: 0.327 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1443

Ion	Ratio	Lower	Upper
42	100		
74	212.3	144.7	217.1
44	3.3	3.2	4.8

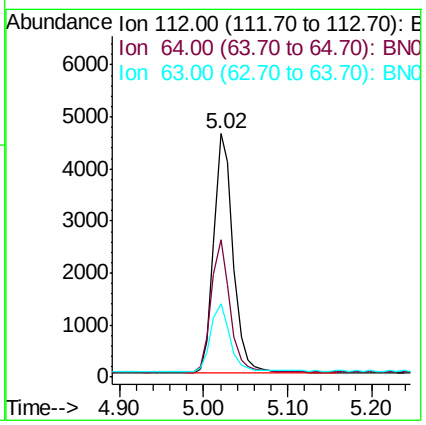


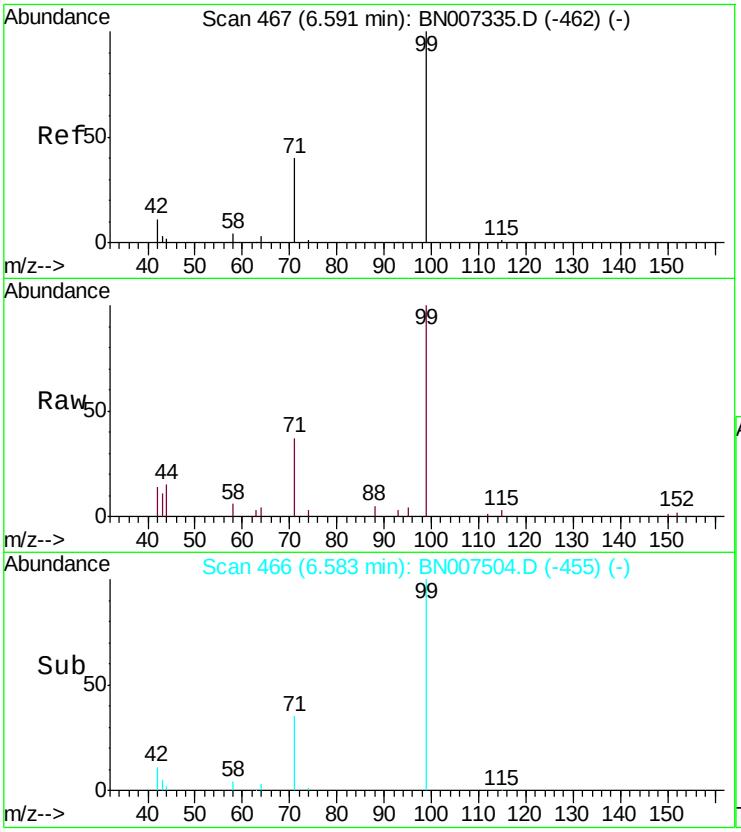


#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:112 Resp: 7408

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.3	63.5
63	28.8	23.6	35.4



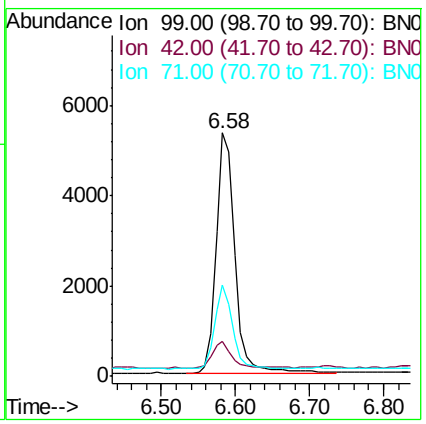


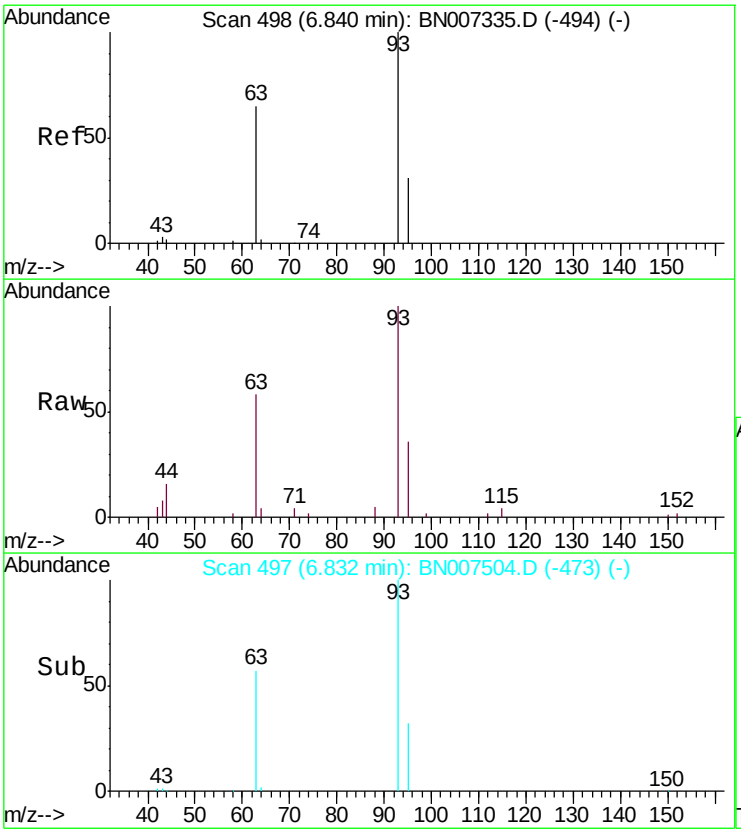
#5
Phenol-d6
Concen: 0.368 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 9341

Ion	Ratio	Lower	Upper
99	100		
42	11.8	11.2	16.8
71	33.3	31.8	47.8

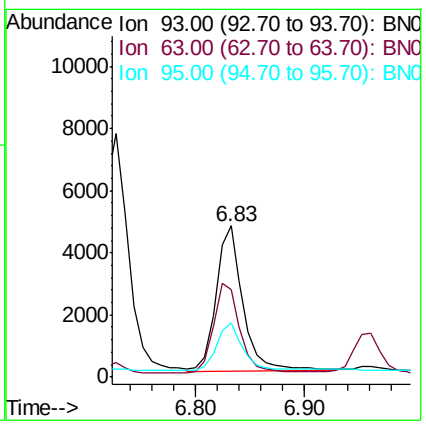


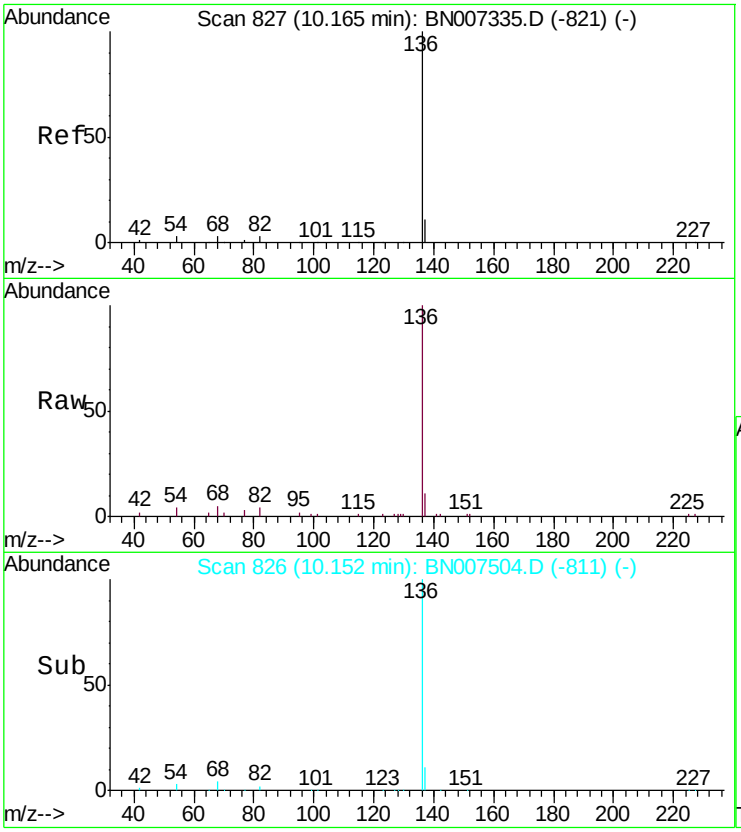


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion: 93 Resp: 8061

Ion	Ratio	Lower	Upper
93	100		
63	61.9	51.9	77.9
95	31.7	27.7	41.5



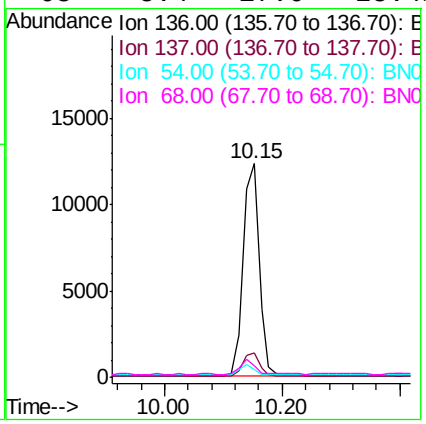


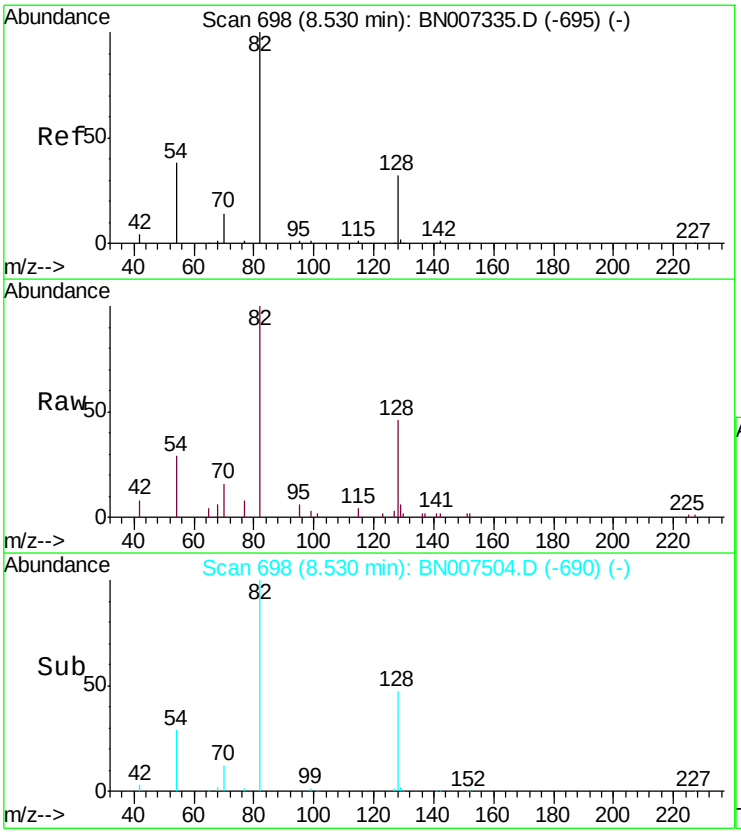
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 23233

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	3.6	8.6	12.8#
68	5.4	17.0	25.4#

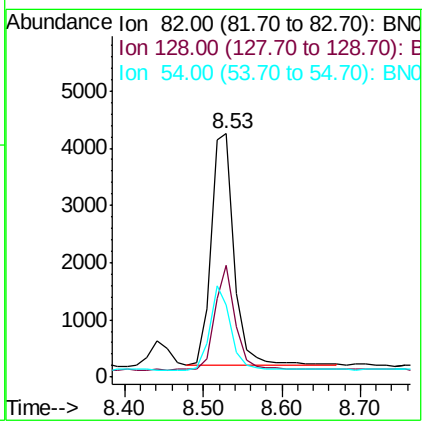


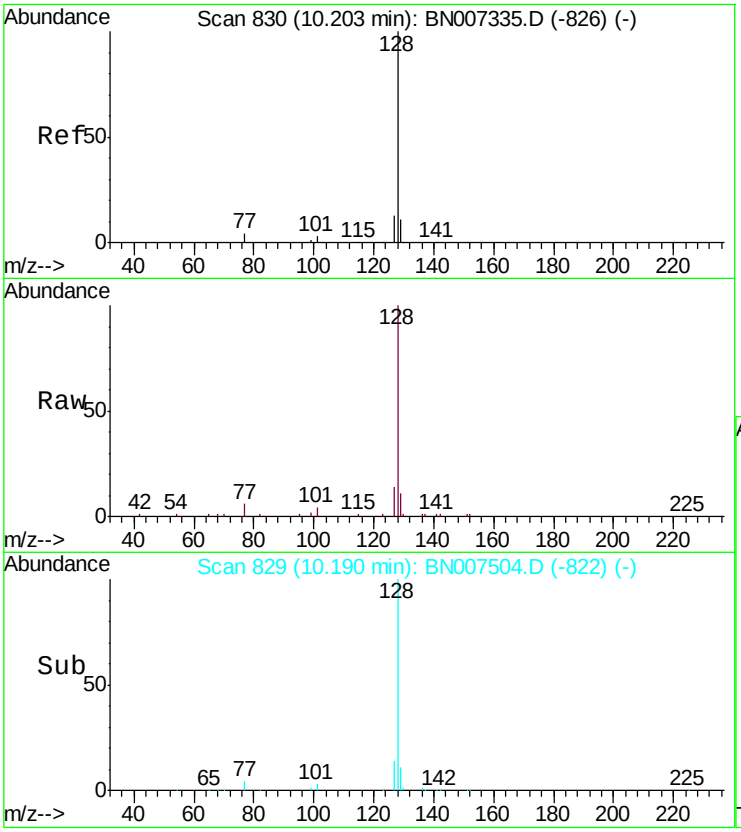


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion: 82 Resp: 8277

Ion	Ratio	Lower	Upper
82	100		
128	46.0	19.7	29.5#
54	29.5	25.8	38.6



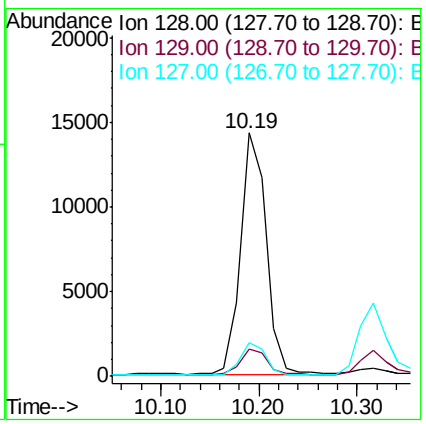


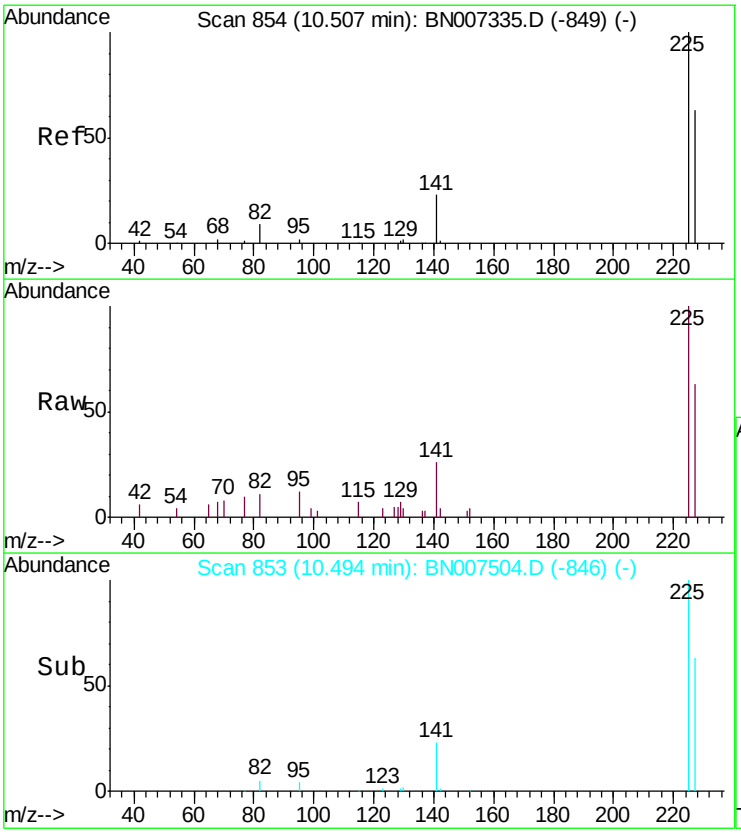
#9
Naphthalene
Concen: 0.388 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 25743

Ion	Ratio	Lower	Upper
128	100		
129	11.3	11.1	16.7
127	14.0	15.5	23.3#

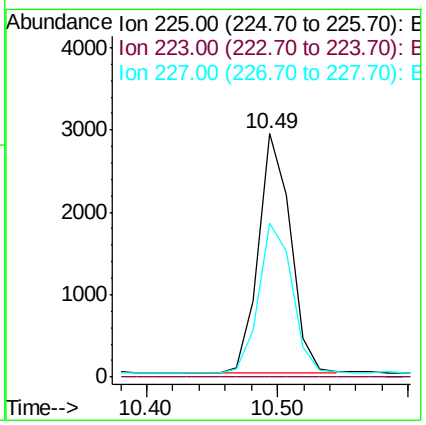


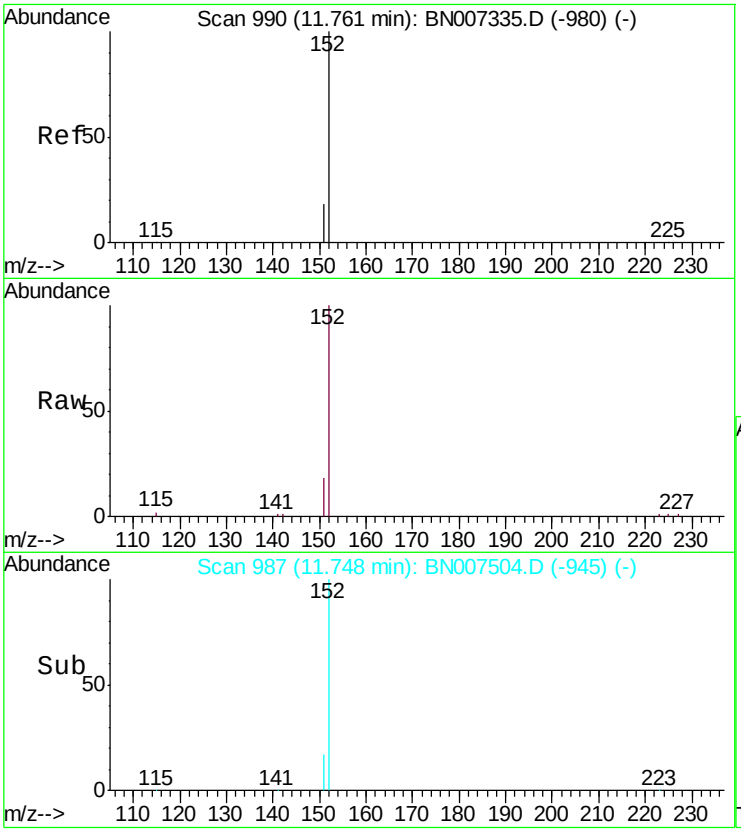


#10
Hexachlorobutadiene
Concen: 0.361 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:225 Resp: 4908

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	50.7	76.1



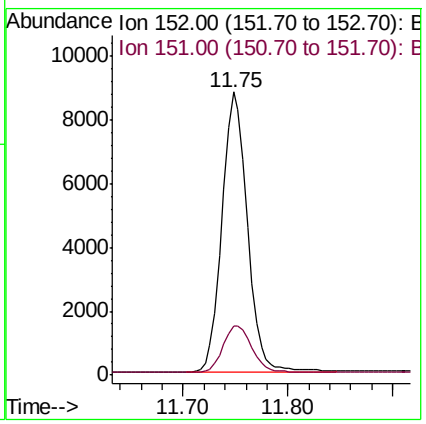


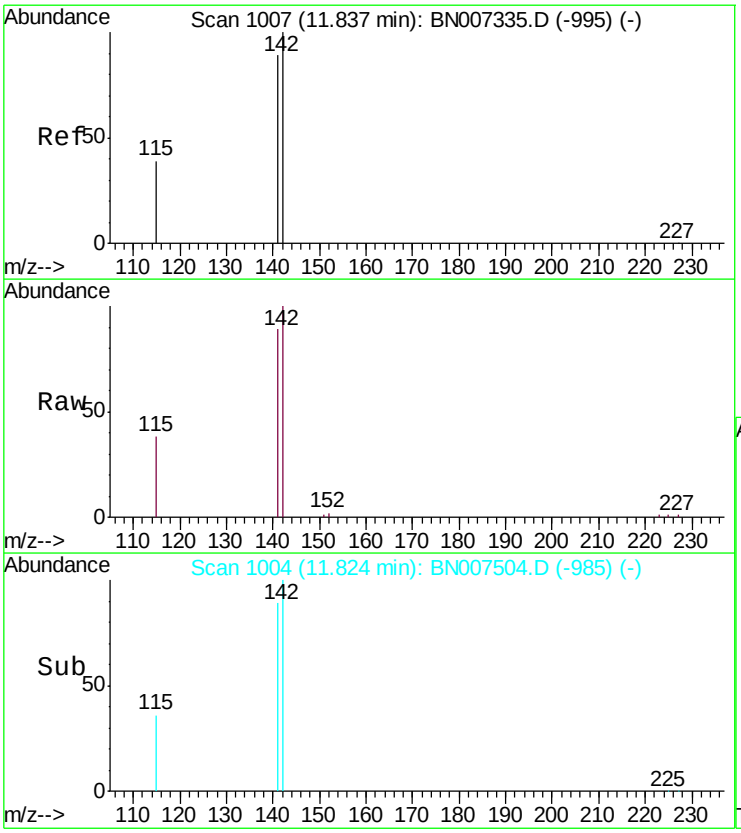
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 14652

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2

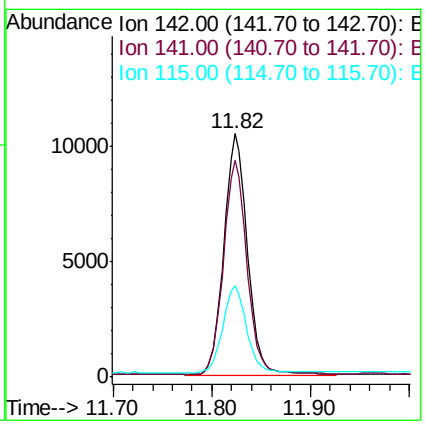


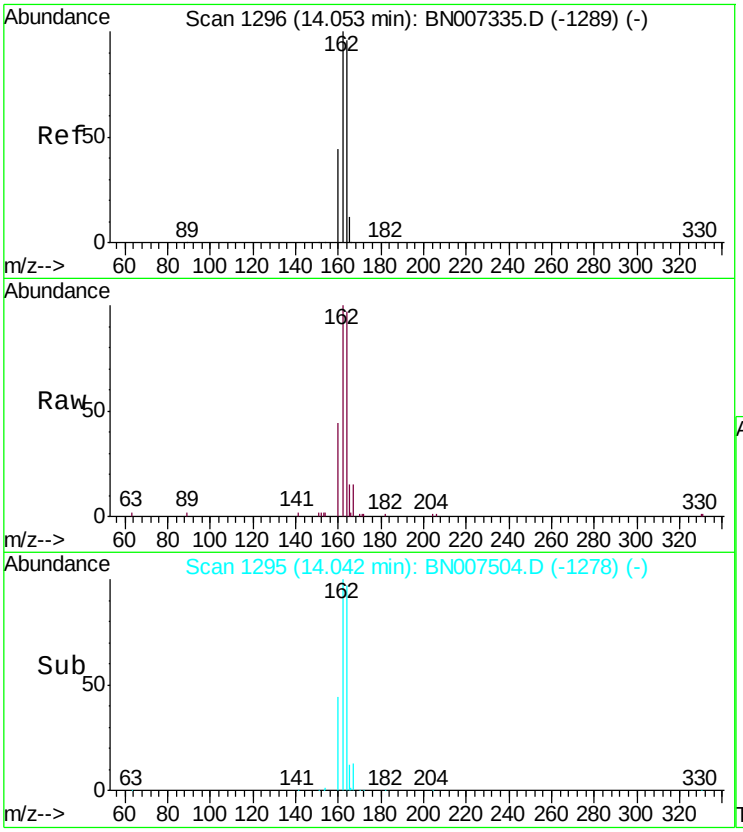


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:142 Resp: 17341

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.8	109.2
115	37.7	35.2	52.8



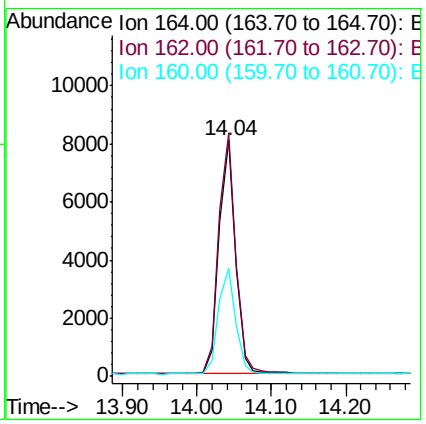


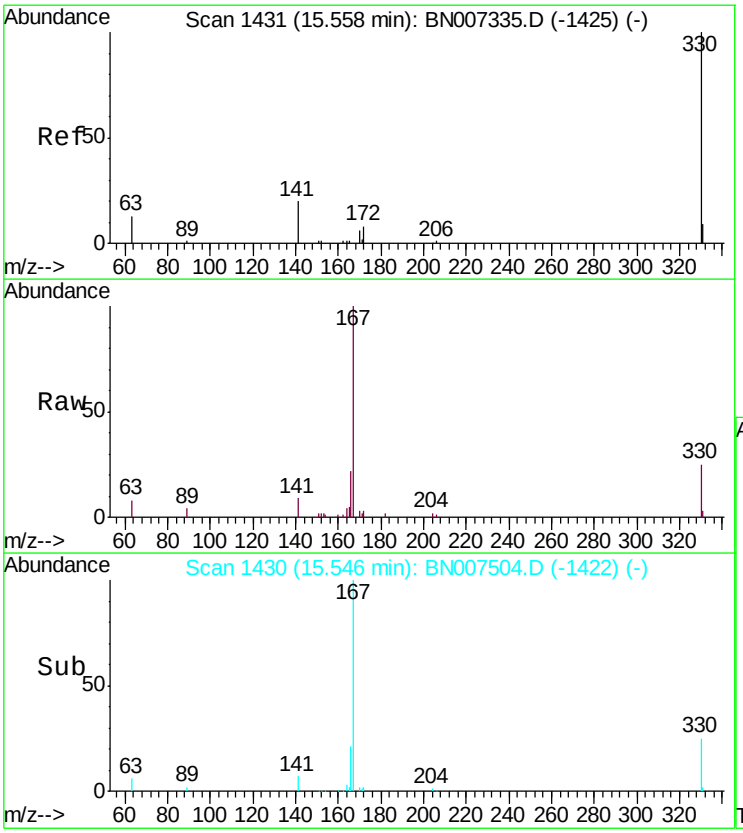
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 12531

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.5	125.3
160	45.7	38.2	57.4

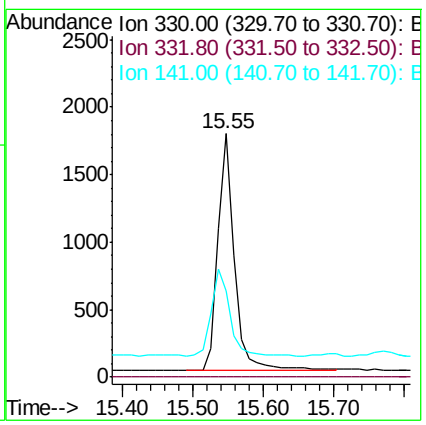


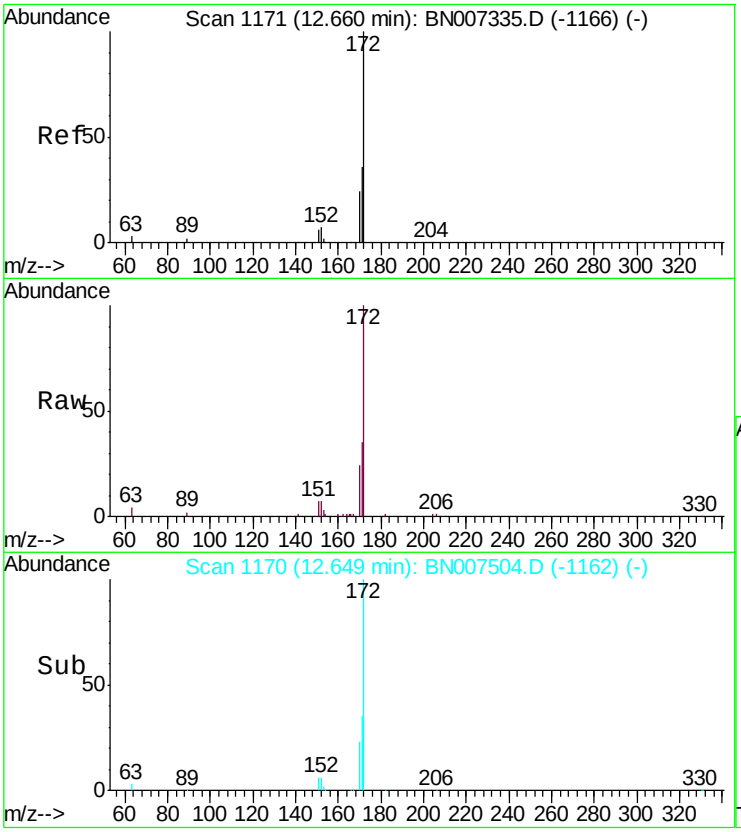


#14
2,4,6-Tribromophenol
Concen: 0.454 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:330 Resp: 2976

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



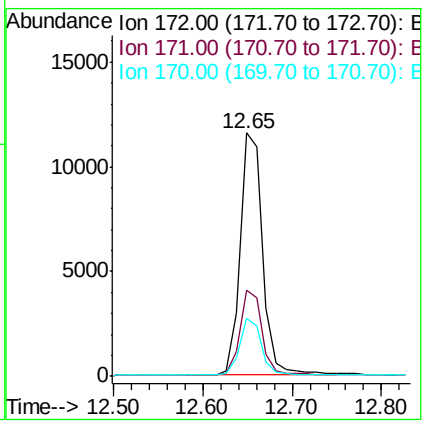


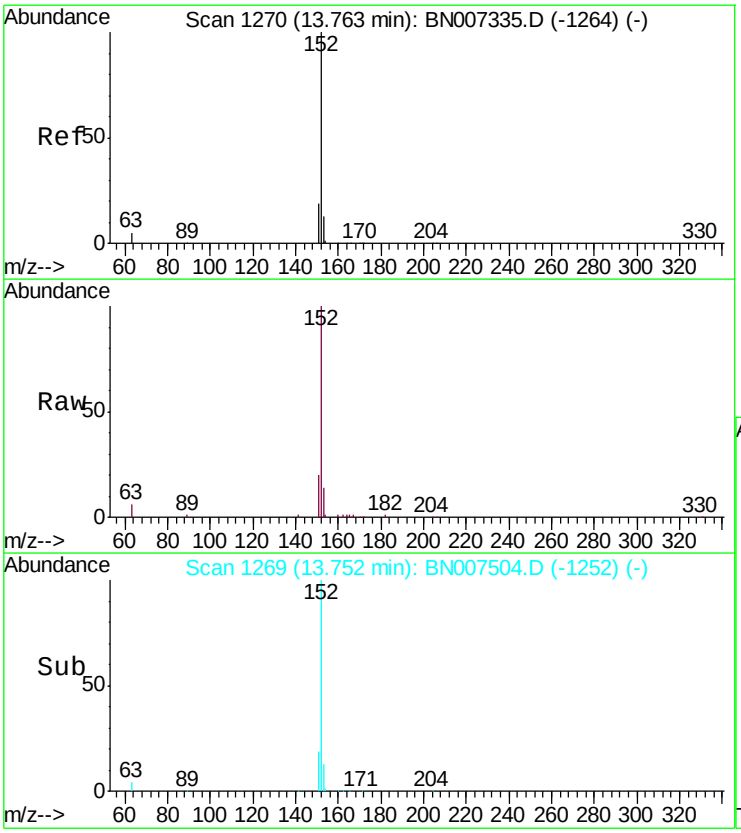
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 20195

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.3	45.5
170	23.9	20.7	31.1

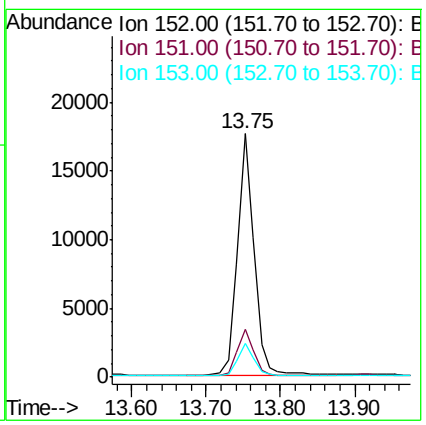


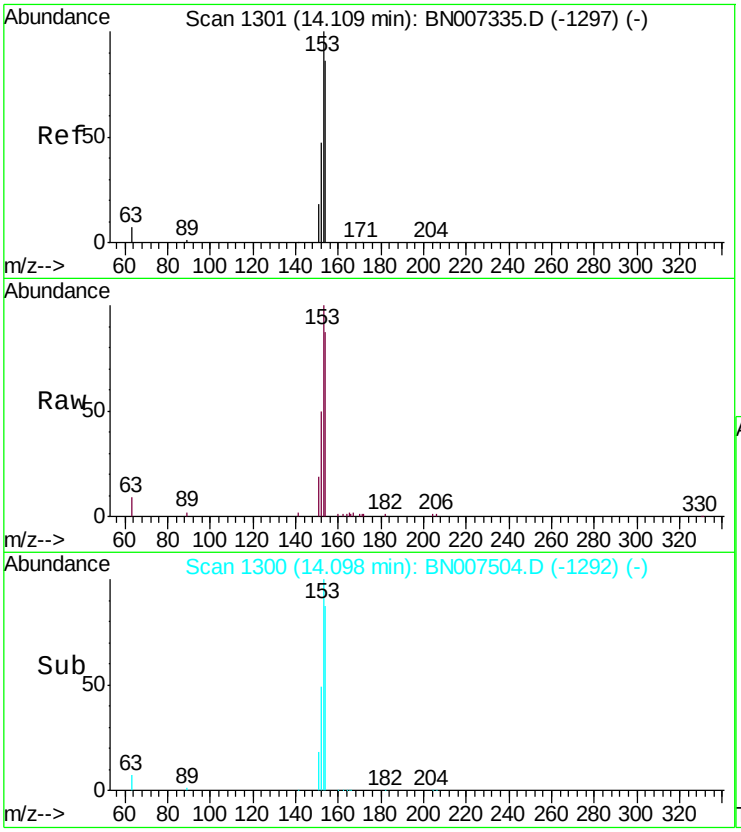


#16
Acenaphthylene
Concen: 0.368 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:152 Resp: 27280

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.3	10.6	15.8



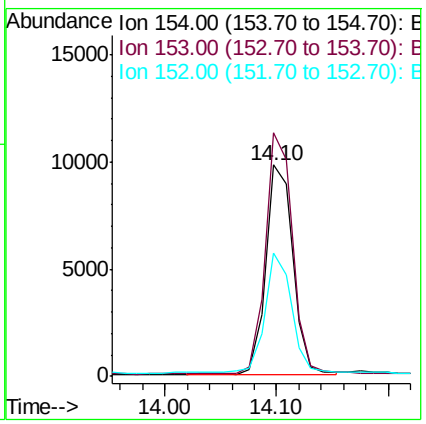


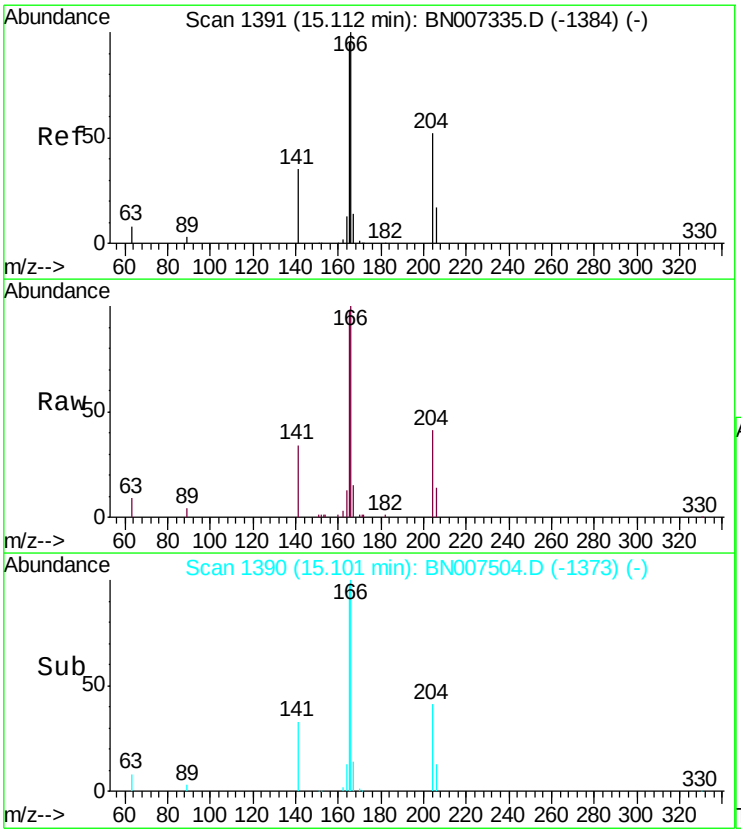
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.10 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 16594

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.8	139.2
152	57.0	43.8	65.8

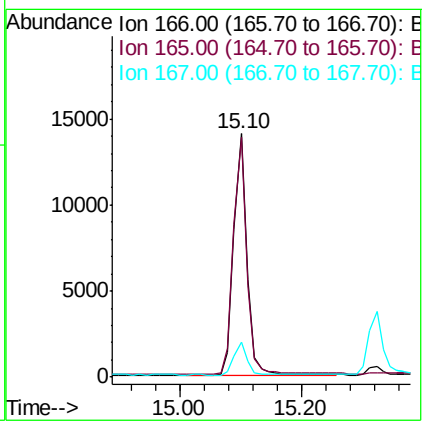


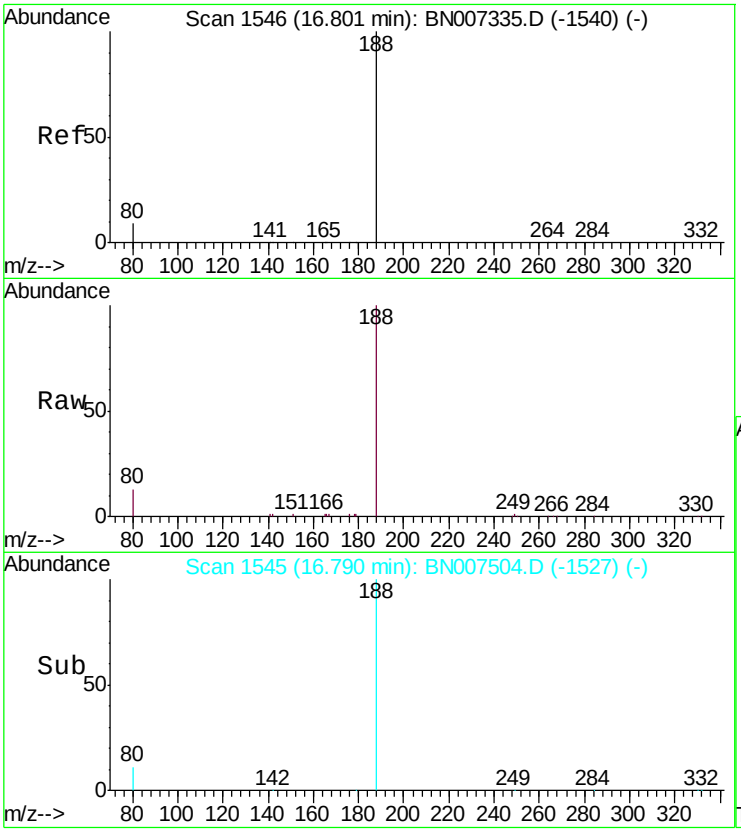


#18
Fluorene
Concen: 0.390 ng
RT: 15.10 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:166 Resp: 21393

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.4
167	13.5	10.6	15.8



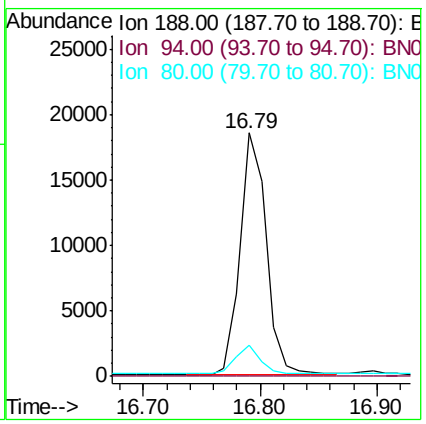


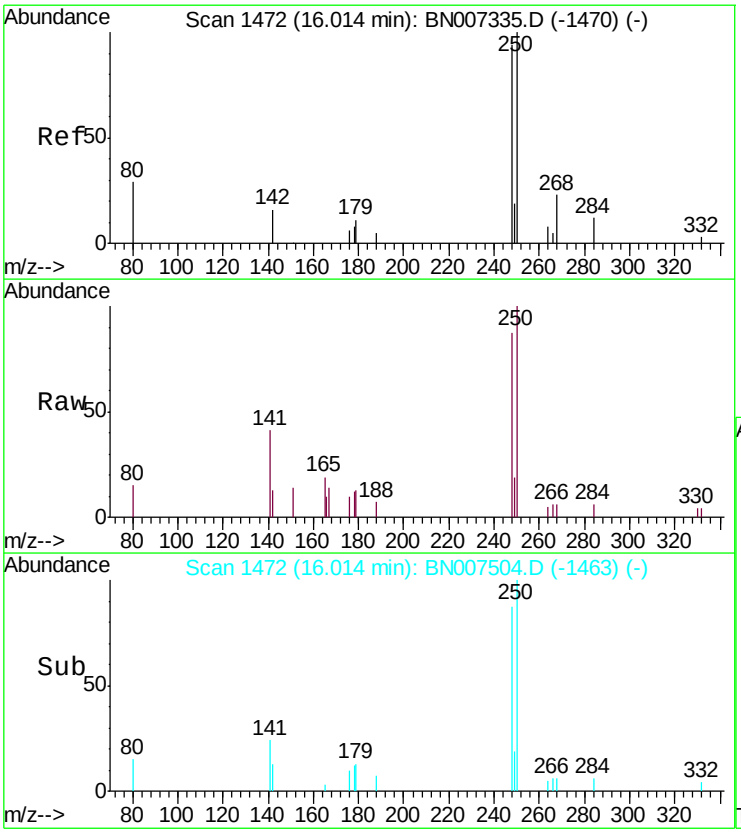
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 28954

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	11.8	17.8

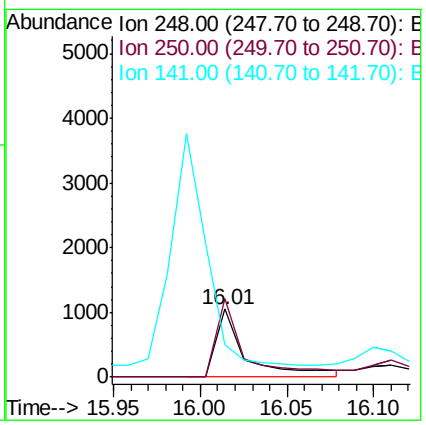


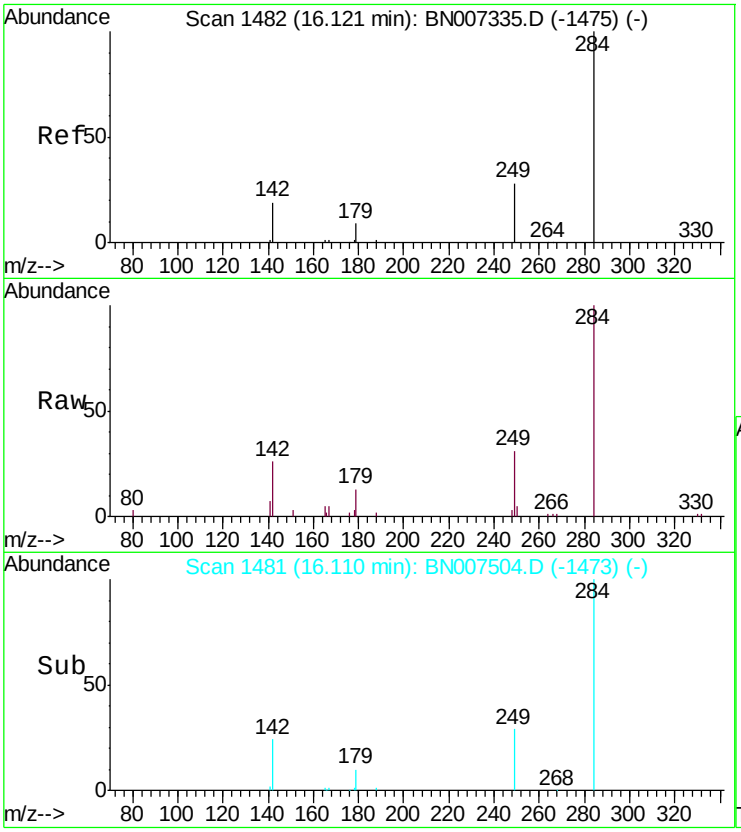


#20
4-Bromophenyl-phenylether
Concen: 0.109 ng
RT: 16.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:248 Resp: 1239

Ion	Ratio	Lower	Upper
248	100		
250	115.3	85.0	127.6
141	47.2	51.7	77.5#



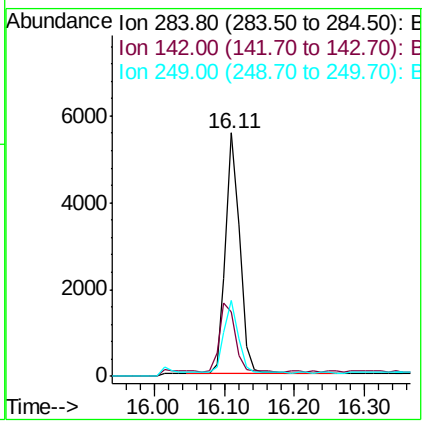


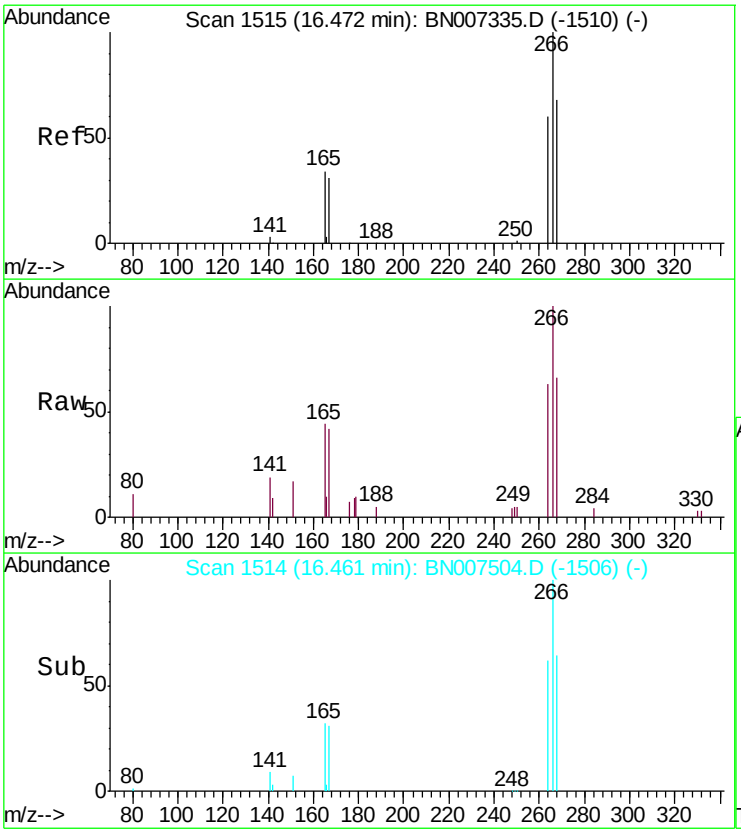
#21
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.11 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 7828

Ion	Ratio	Lower	Upper
284	100		
142	31.4	29.0	43.6
249	30.3	24.9	37.3

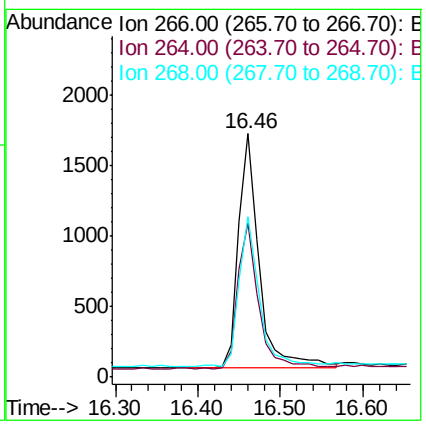


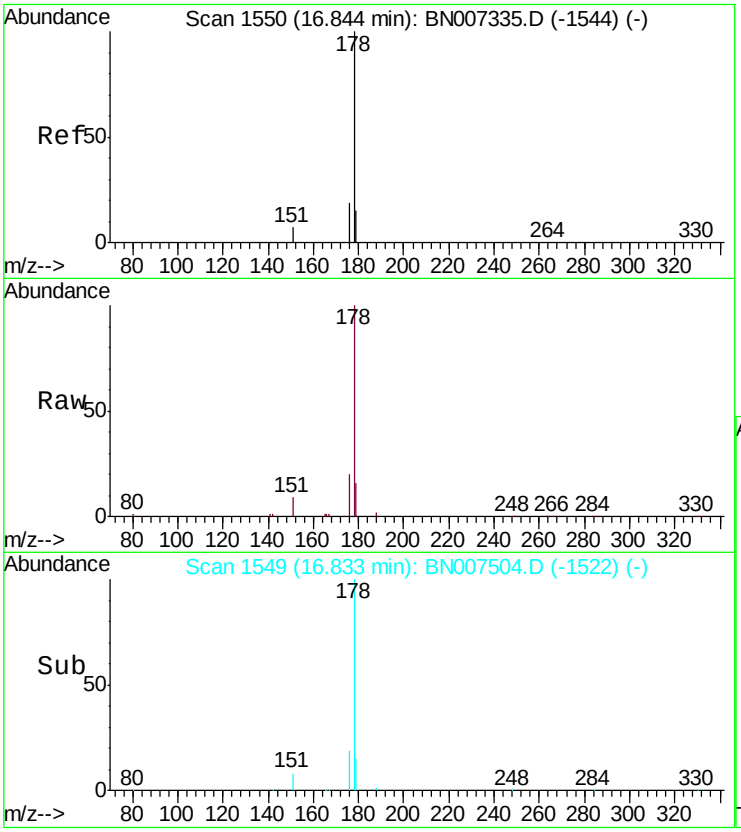


#22
Pentachlorophenol
Concen: 0.475 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:266 Resp: 2865

Ion	Ratio	Lower	Upper
266	100		
264	63.0	57.8	86.8
268	65.8	99.7	149.5#



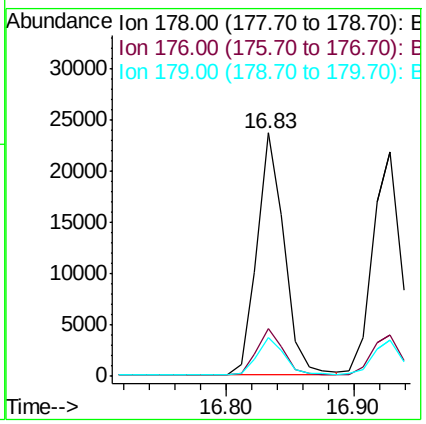


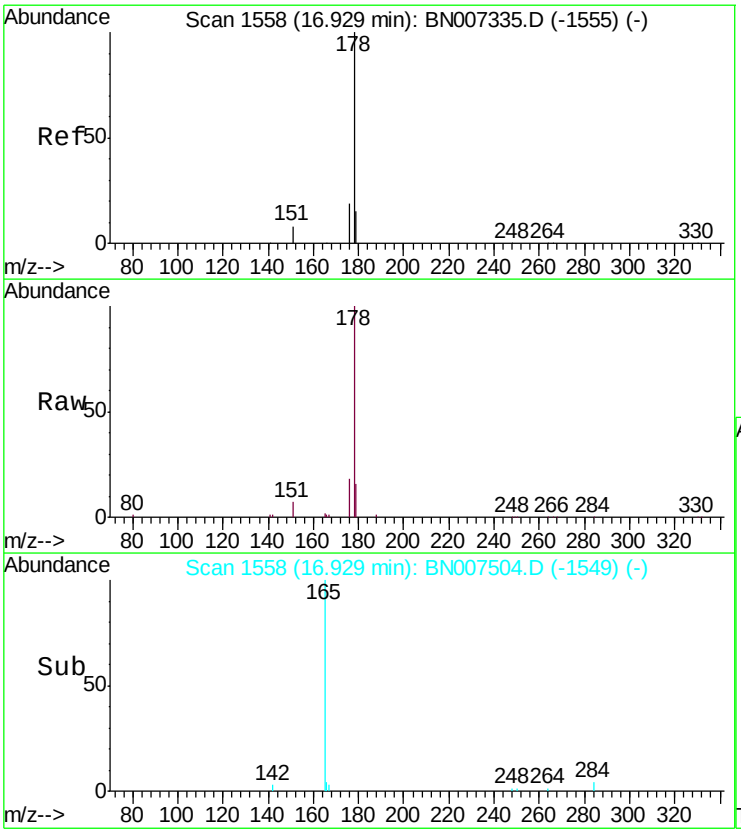
#23
Phenanthrene
Concen: 0.403 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 35111

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.6	19.0

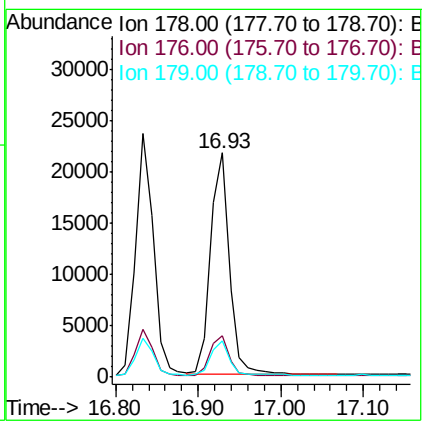


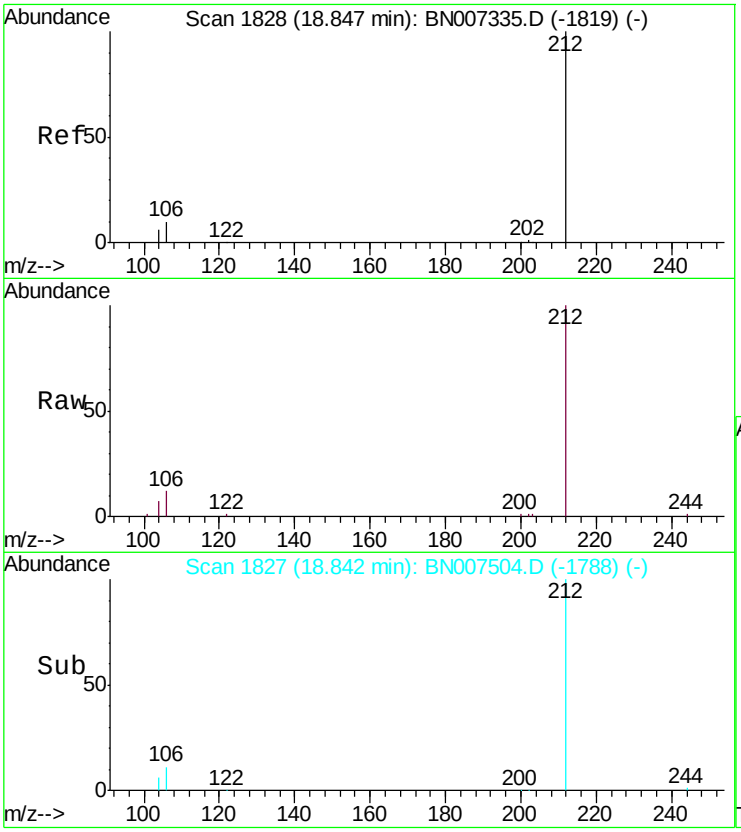


#24
Anthracene
Concen: 0.391 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:178 Resp: 34270

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.0	12.4	18.6



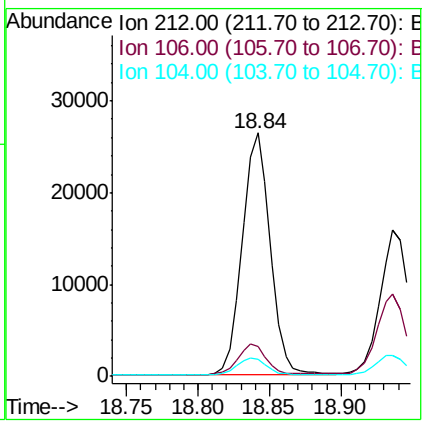


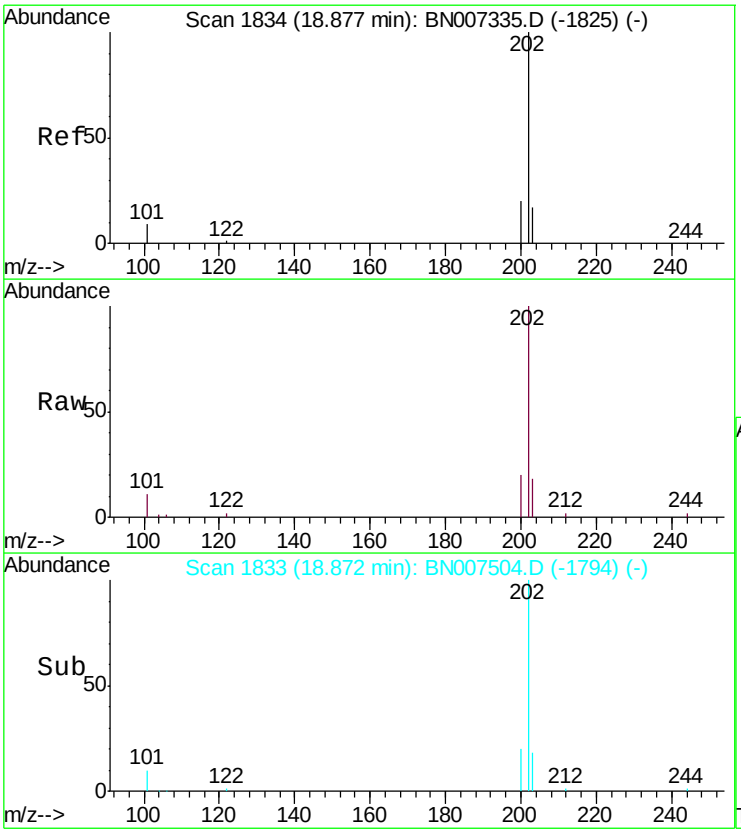
#25
Fluoranthene-d10
Concen: 0.389 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 36251

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.0	13.4
104	7.0	5.4	8.2

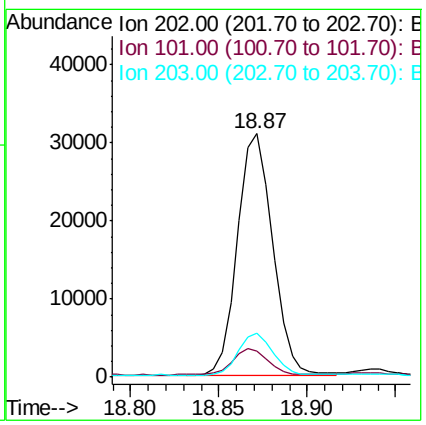


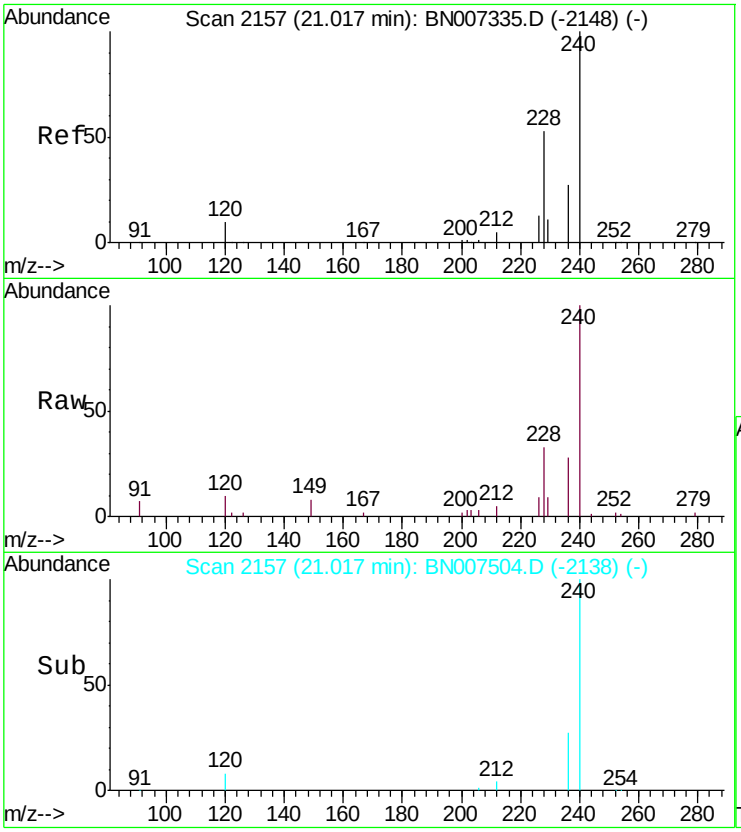


#26
Fluoranthene
Concen: 0.383 ng
RT: 18.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:202 Resp: 42881

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.7	11.5
203	17.6	13.7	20.5



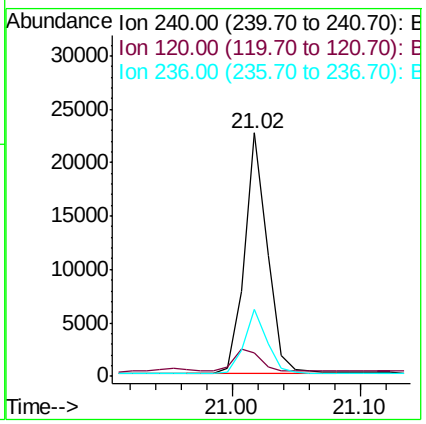


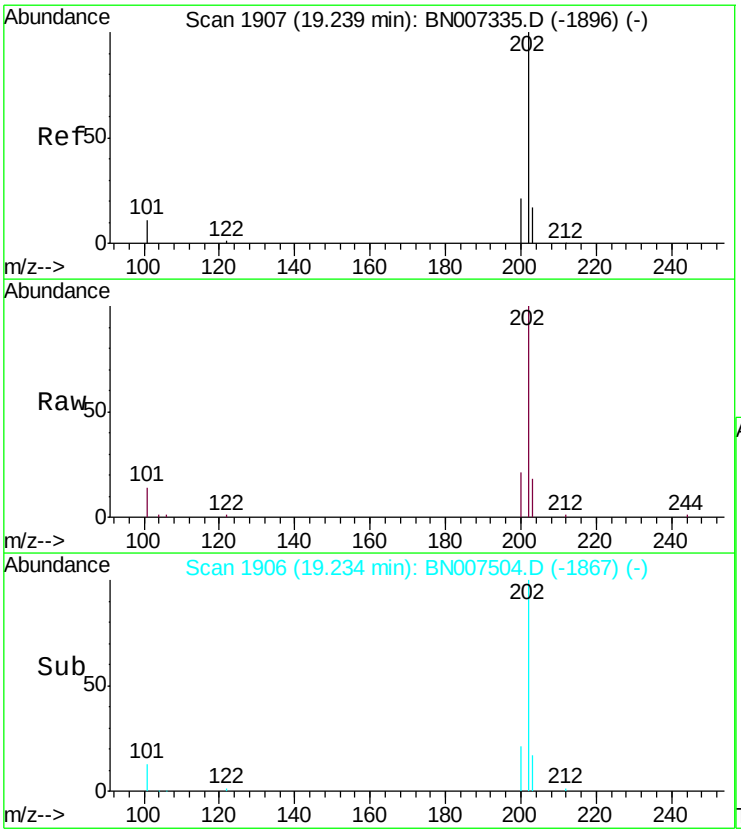
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 28129

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.6	14.4
236	27.5	22.2	33.2

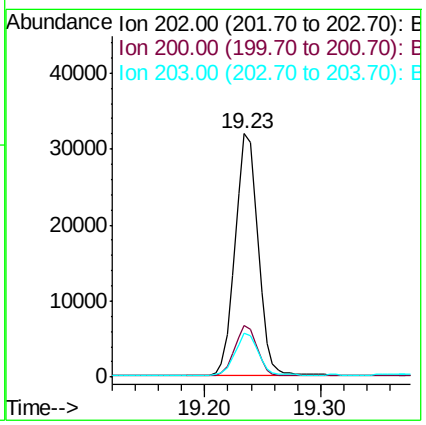


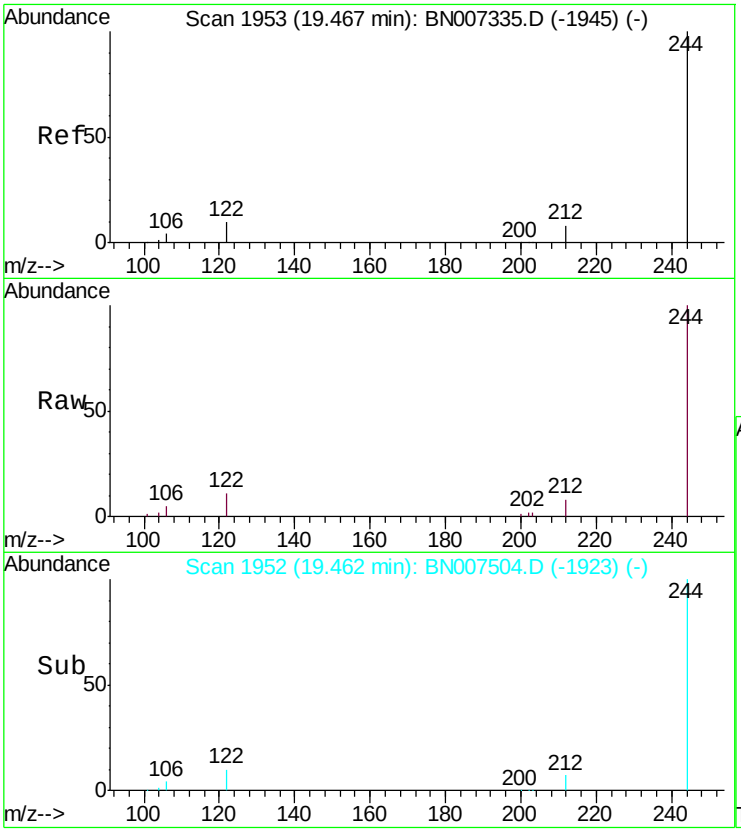


#28
Pyrene
Concen: 0.389 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:202 Resp: 43998

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.7	14.2	21.4



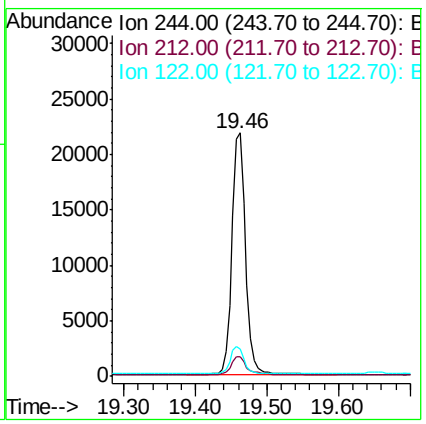


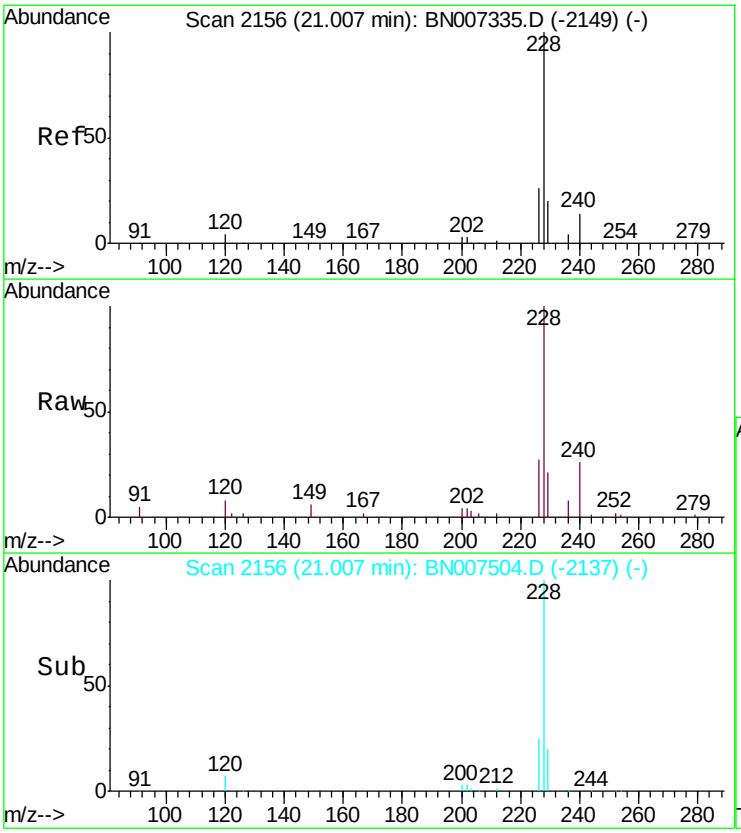
#29
Terphenyl-d14
Concen: 0.392 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 28822

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.6
122	11.1	9.6	14.4

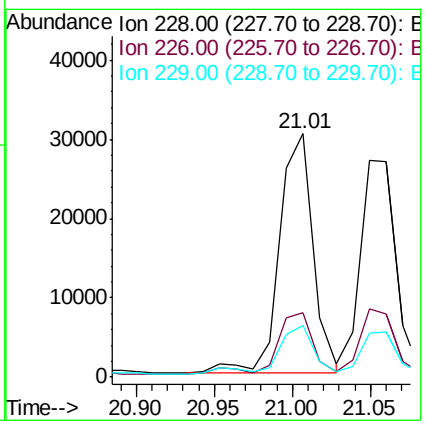


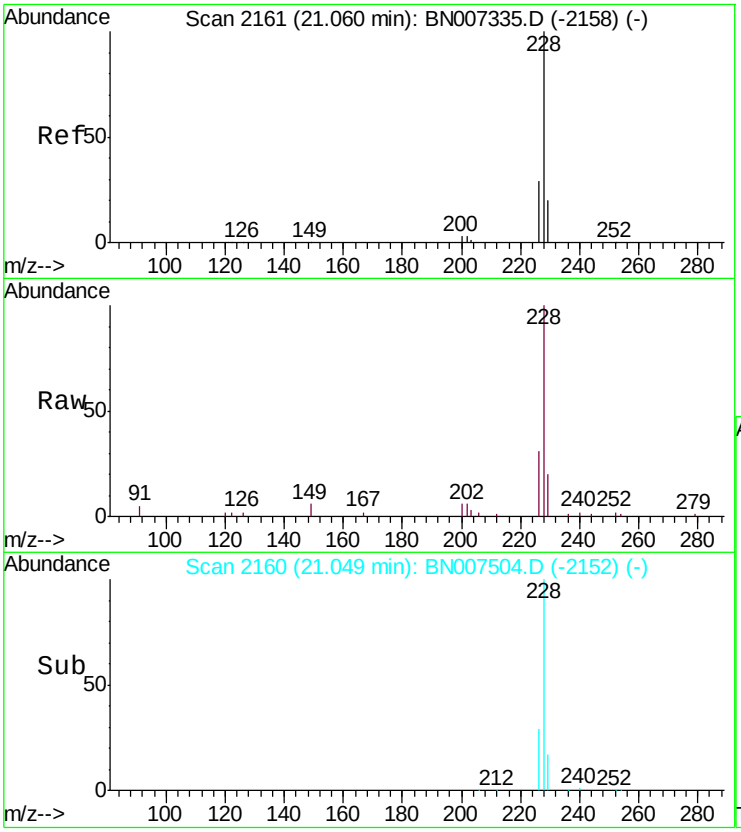


#30
Benzo(a)anthracene
Concen: 0.408 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:228 Resp: 45030

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	21.2	16.1	24.1



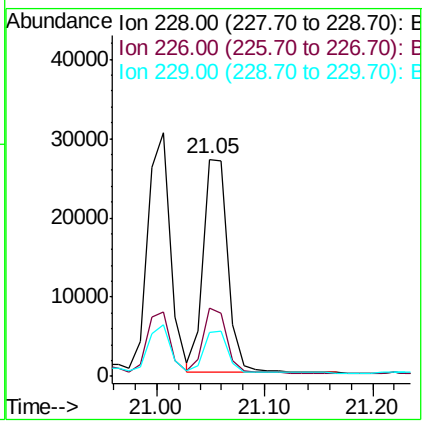


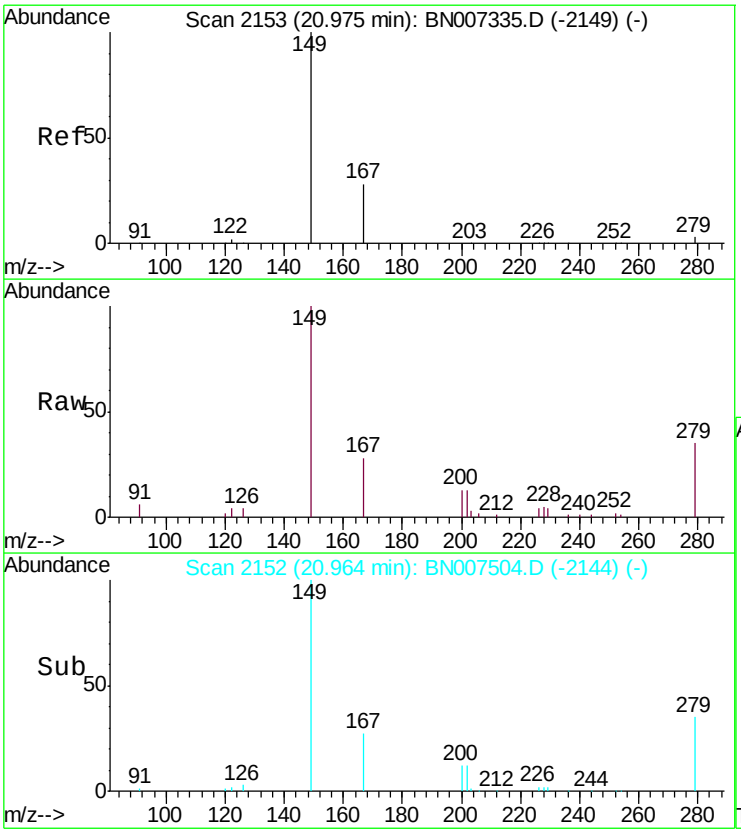
#31
Chrysene
Concen: 0.400 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 42631

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.5	35.3
229	20.4	16.6	24.8

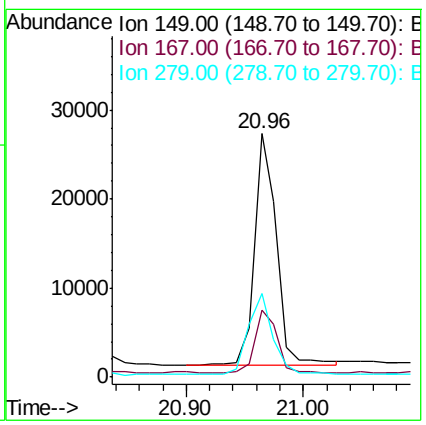


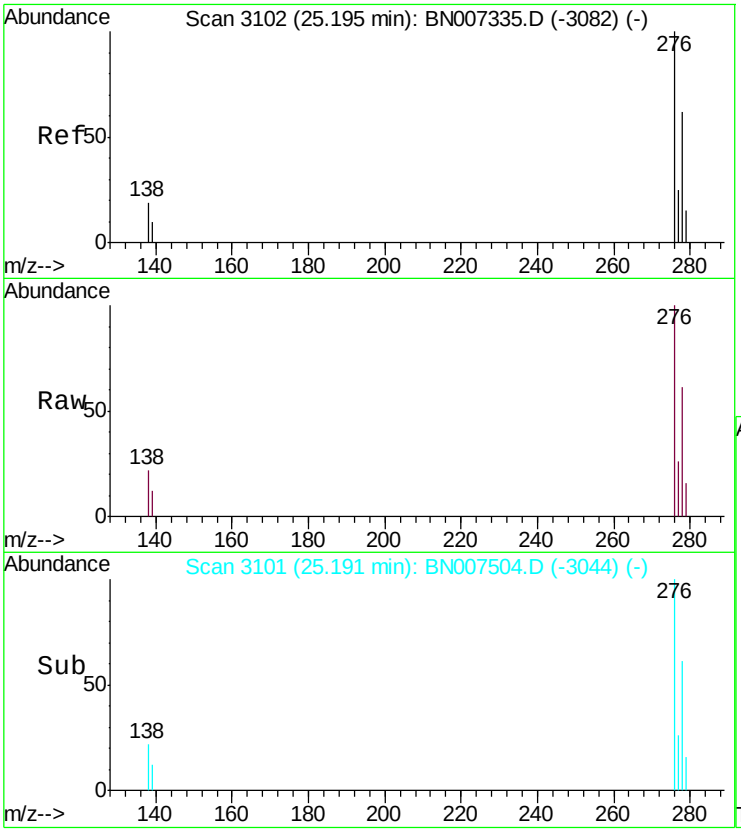


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.450 ng
RT: 20.96 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:149 Resp: 33495

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.8	34.2
279	40.3	3.5	5.3#



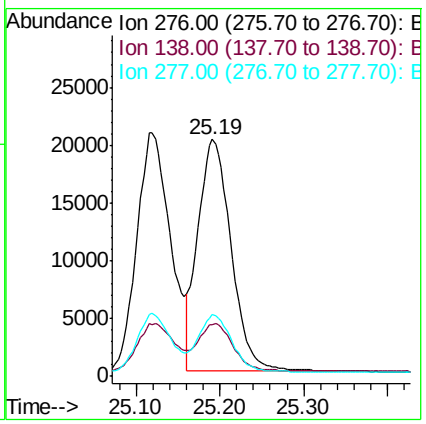


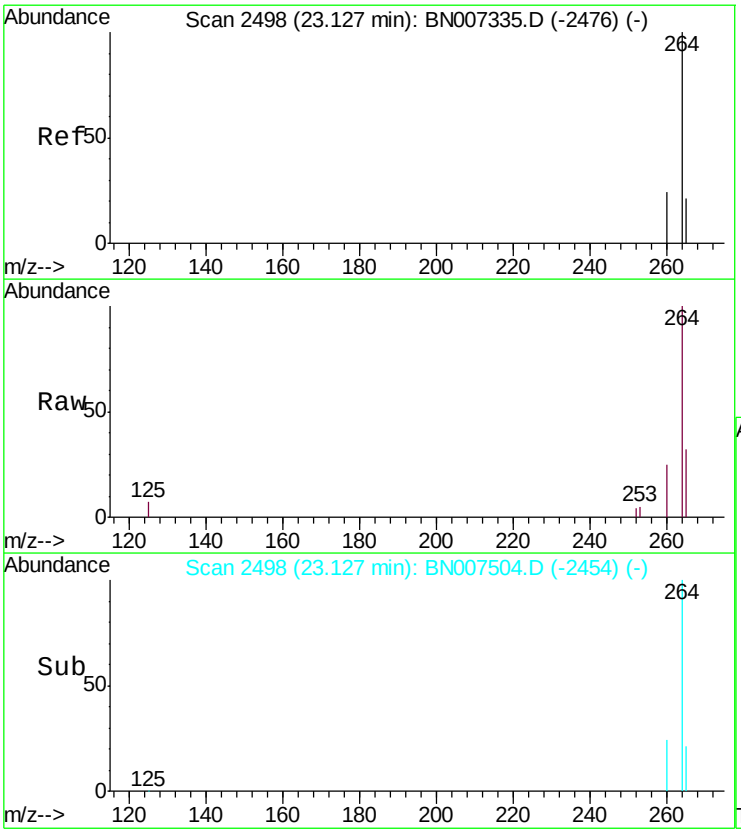
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 55368

Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.1	22.7
277	24.1	19.7	29.5

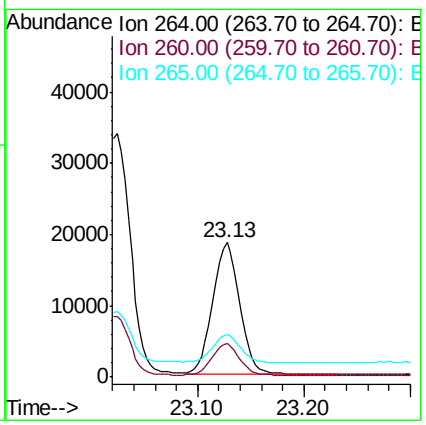


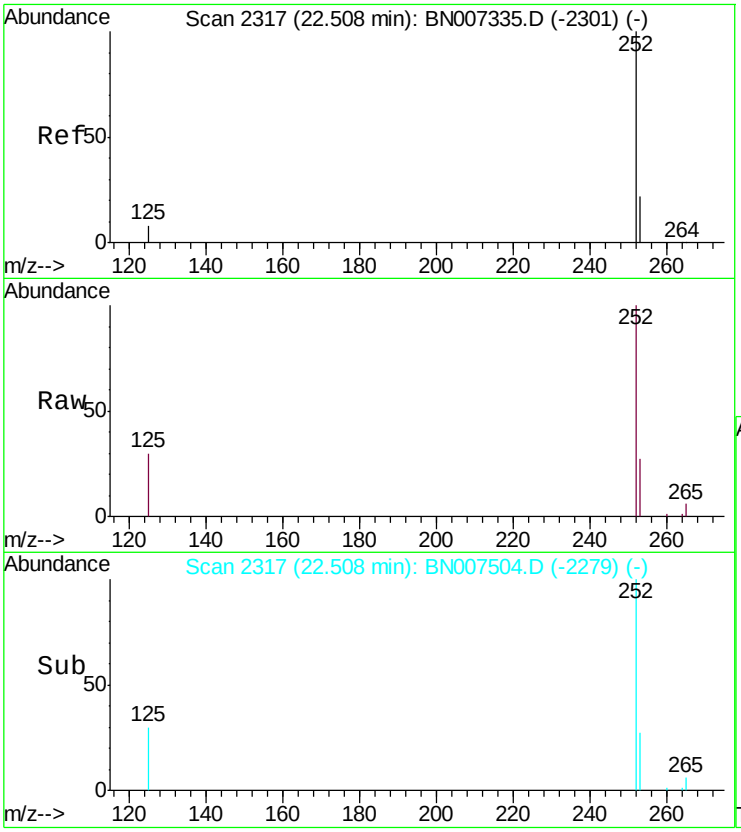


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2498
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:264 Resp: 32832

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	31.6	29.9	44.9



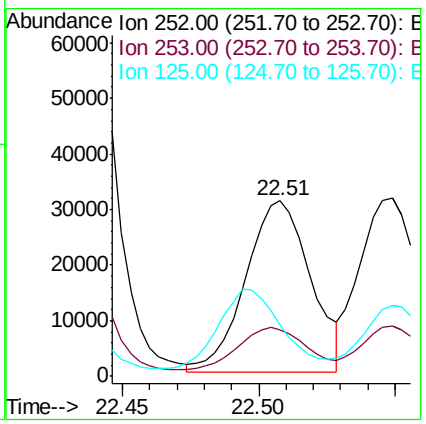


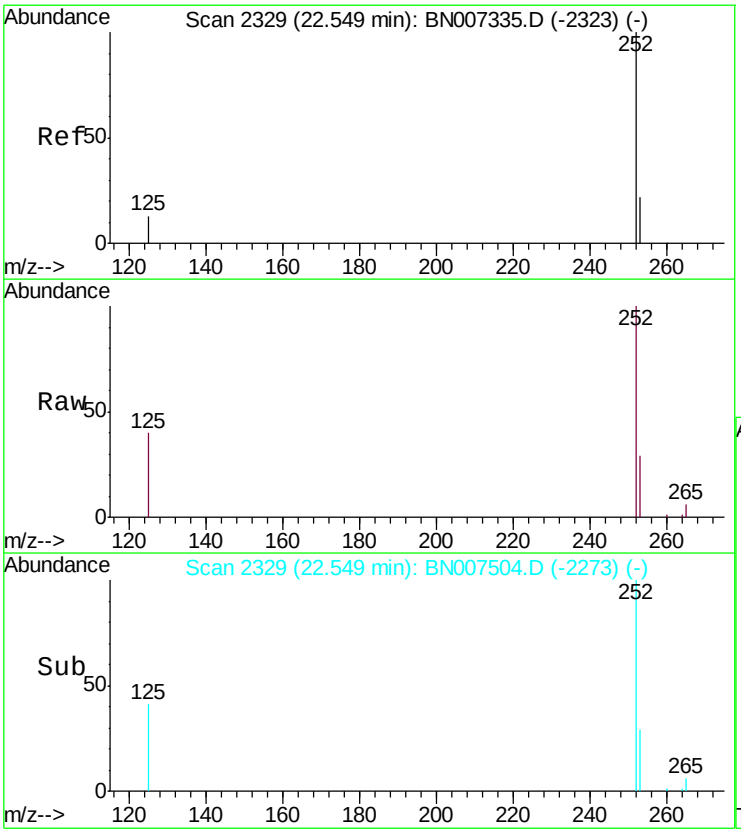
#35
Benzo(b)fluoranthene
Concen: 0.429 ng
RT: 22.51 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 50997

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.2	28.8
125	29.5	10.6	16.0#

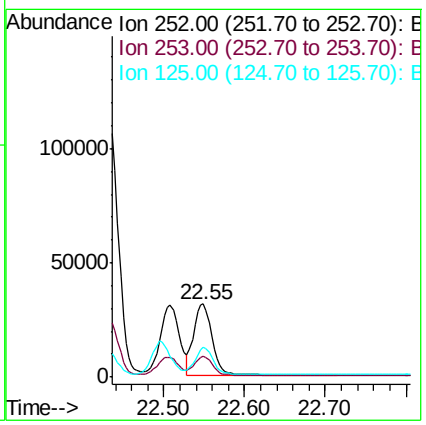


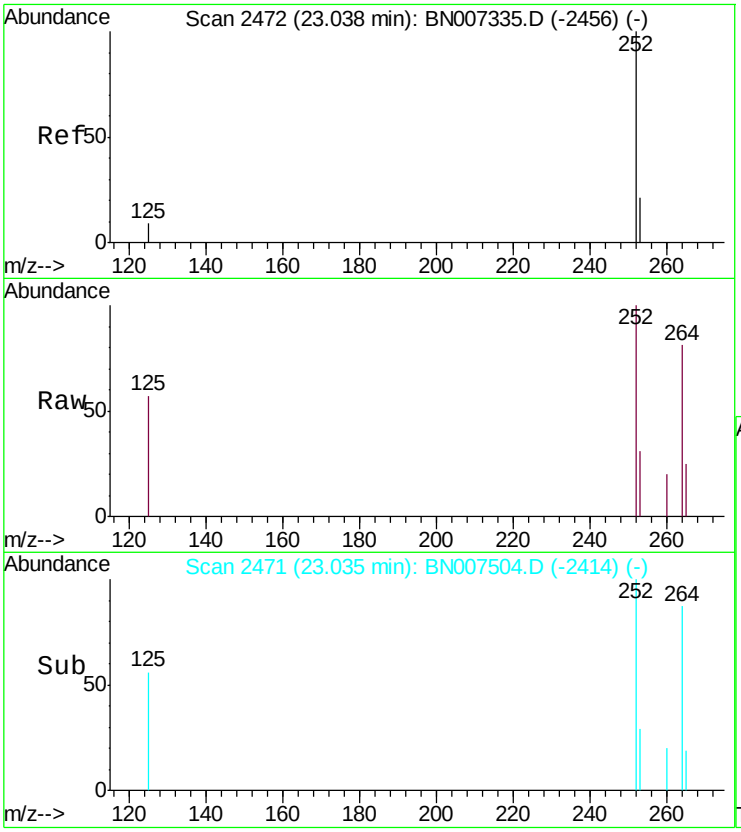


#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 22.55 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:252 Resp: 50644

Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.4	29.2
125	40.2	13.1	19.7#



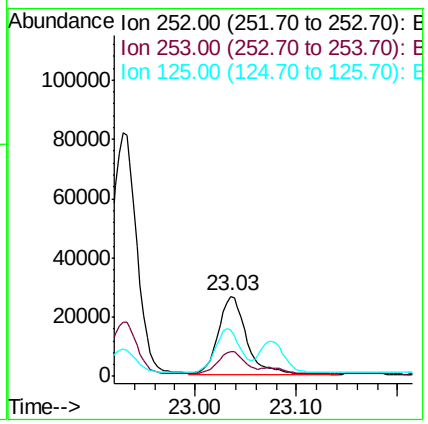


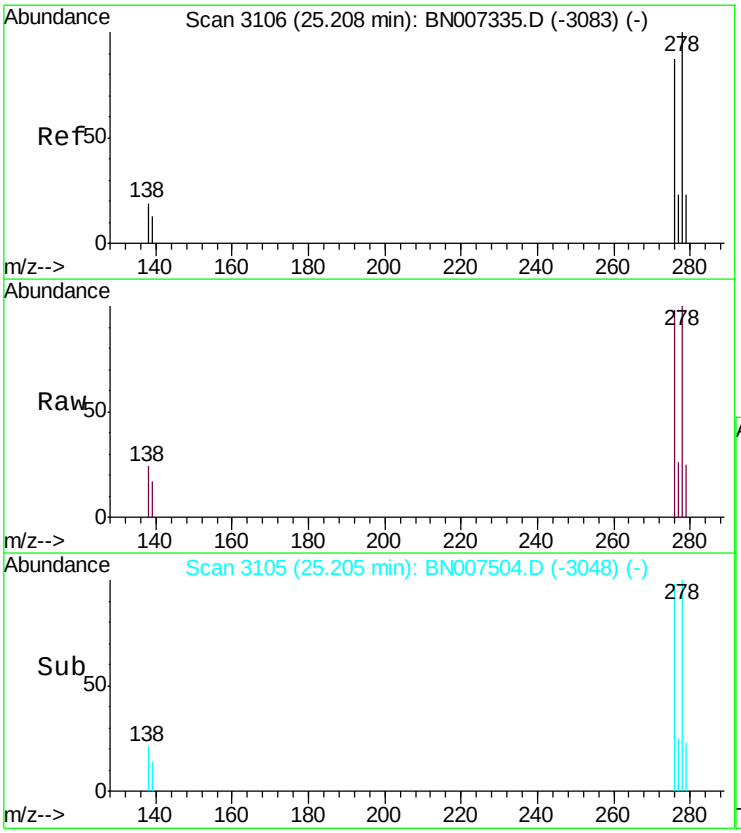
#37
Benzo(a)pyrene
Concen: 0.444 ng
RT: 23.03 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 50261

Ion	Ratio	Lower	Upper
252	100		
253	31.4	19.5	29.3#
125	57.2	12.1	18.1#

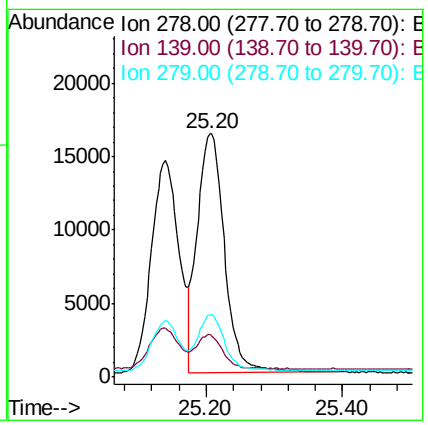


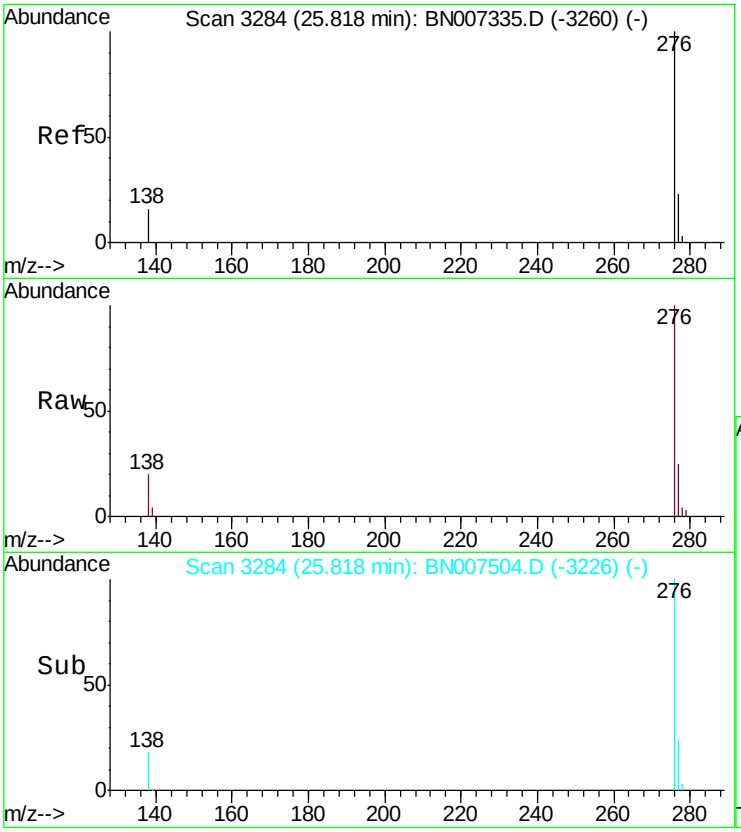


#38
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 25.20 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Tgt Ion:278 Resp: 45125

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.7	20.5
279	25.4	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 25.82 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BN007504.D
Acq: 29 Aug 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 43891

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.6	29.4
138	20.2	16.3	24.5