Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
Data File : BN007520.D
Acq On : 30 Aug 2019 13:03
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 31 01:58:32 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	6859	0.40	ng		-0.02
7) Naphthalene-d8	10.14	136	31010	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	19635	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	47308	0.40	ng		0.00
27) Chrysene-d12	21.02	240	41883	0.40	ng		0.00
34) Perylene-d12	23.12	264	38962	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	8639	0.36	ng		-0.02
5) Phenol-d6	6.58	99	10885	0.36	ng		0.00
8) Nitrobenzene-d5	8.52	82	10271	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.75	152	21168	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.54	330	4710	0.46	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	30599	0.39	ng		0.00
25) Fluoranthene-d10	18.83	212	58870	0.39	ng		-0.01
29) Terphenyl-d14	19.46	244	47449	0.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	4995	0.438	ng	#	71
3) n-Nitrosodimethylamine	3.32	42	1735	0.328	ng	#	67
6) bis(2-Chloroethyl)ether	6.83	93	10416	0.420	ng		95
9) Naphthalene	10.19	128	34791	0.393	ng	#	90
10) Hexachlorobutadiene	10.49	225	6512	0.359	ng	#	99
12) 2-Methylnaphthalene	11.82	142	25295	0.419	ng		95
16) Acenaphthylene	13.75	152	43184	0.372	ng		99
17) Acenaphthene	14.10	154	26406	0.388	ng		98
18) Fluorene	15.09	166	34840	0.405	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	2100	0.113	ng	#	81
21) Hexachlorobenzene	16.10	284	12381	0.390	ng		95
22) Pentachlorophenol	16.45	266	5953	0.604	ng	#	63
23) Phenanthrene	16.83	178	58392	0.410	ng		99
24) Anthracene	16.92	178	56478	0.395	ng		99
26) Fluoranthene	18.86	202	71869	0.393	ng		99
28) Pyrene	19.23	202	73811	0.438	ng		99
30) Benzo(a)anthracene	20.99	228	66080	0.402	ng		99
31) Chrysene	21.05	228	62738	0.395	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	56020	0.507	ng		99
33) Indeno(1,2,3-cd)pyrene	25.18	276	60135	0.314	ng		96
35) Benzo(b)fluoranthene	22.50	252	59052	0.418	ng		97
36) Benzo(k)fluoranthene	22.54	252	60119	0.431	ng	#	69
37) Benzo(a)pyrene	23.03	252	54406	0.405	ng		98
38) Dibenzo(a,h)anthracene	25.19	278	47489	0.354	ng		93
39) Benzo(g,h,i)perylene	25.80	276	48442	0.363	ng		99

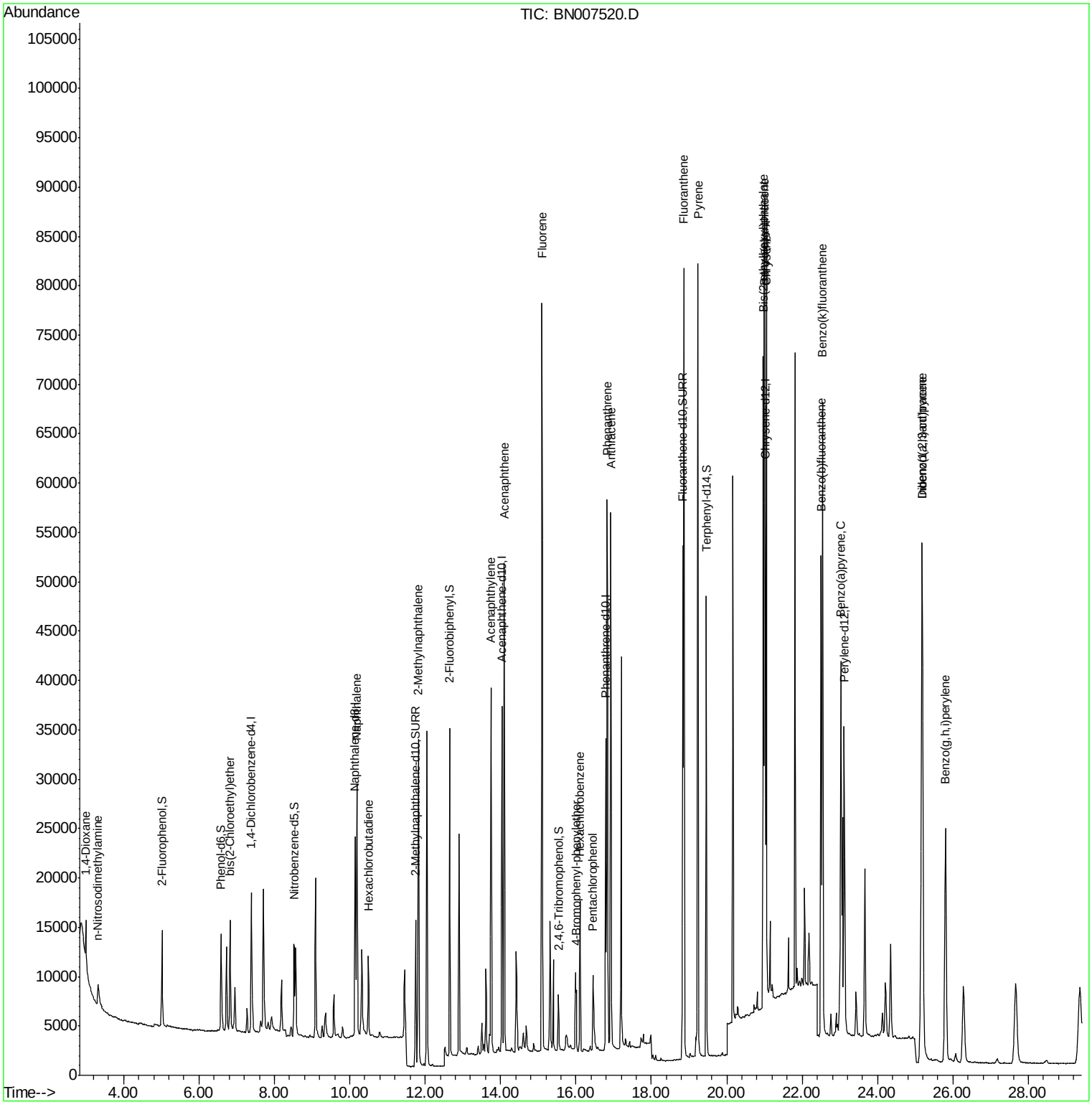
(#) = qualifier out of range (m) = manual integration (+) = signals summed

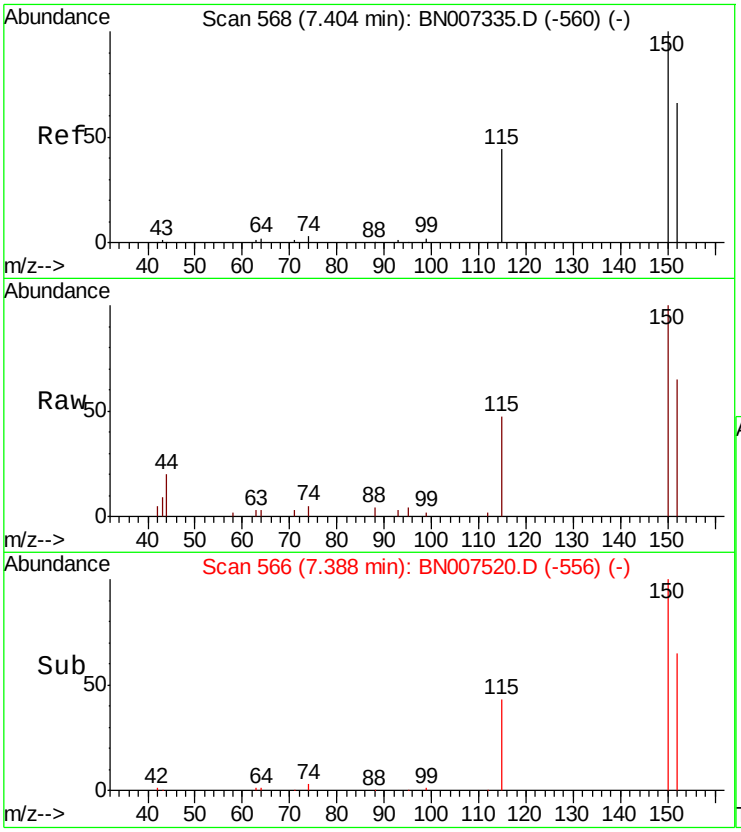
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083019\
Data File : BN007520.D
Acq On : 30 Aug 2019 13:03
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 31 01:58:32 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



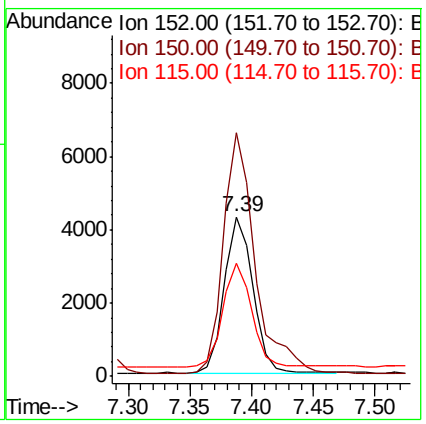


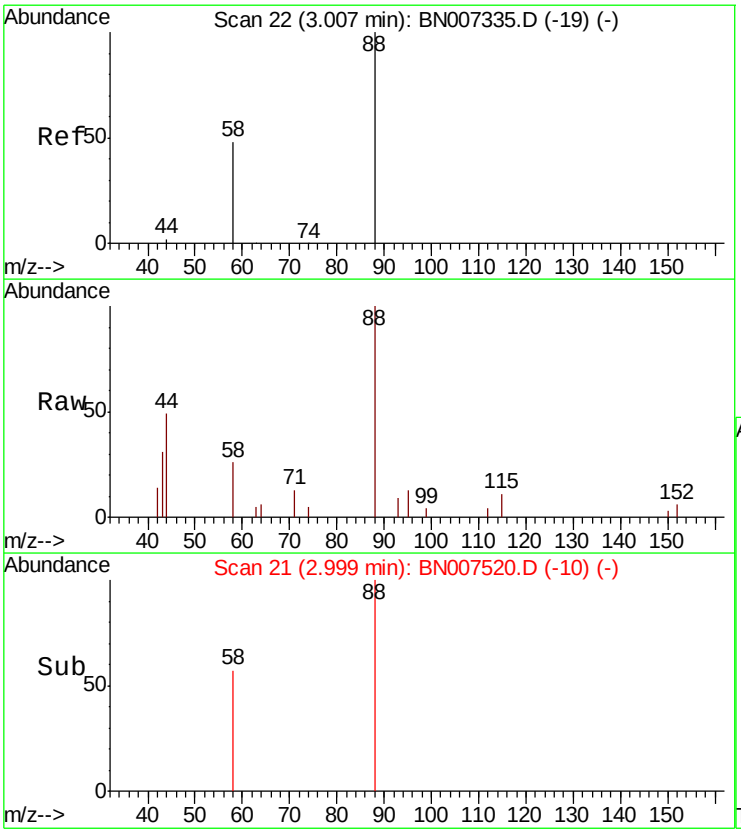
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6859

Ion	Ratio	Lower	Upper
152	100		
150	152.8	109.1	163.7
115	71.3	59.6	89.4

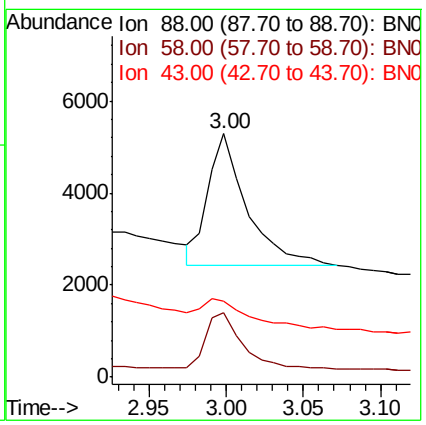


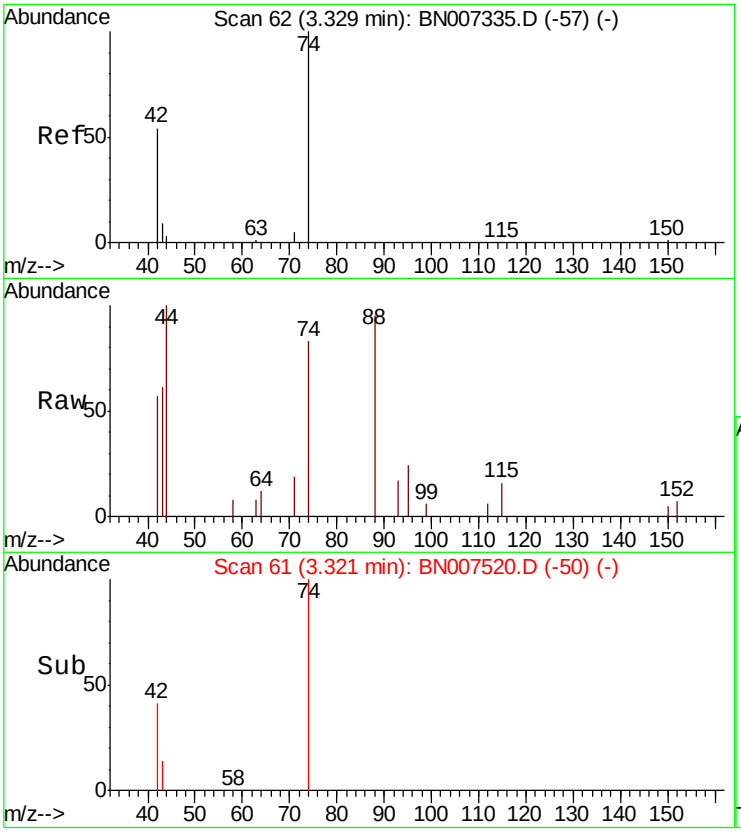


#2
1,4-Dioxane
Concen: 0.438 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion: 88 Resp: 4995

Ion	Ratio	Lower	Upper
88	100		
58	40.7	50.5	75.7#
43	30.4	0.0	0.0#



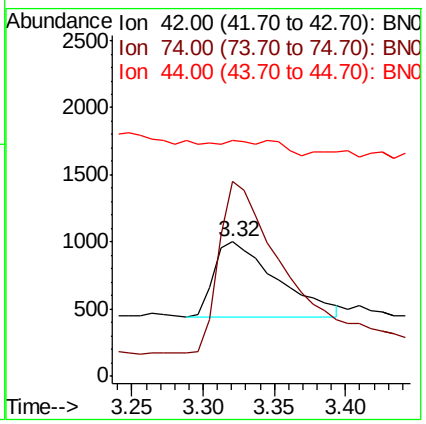


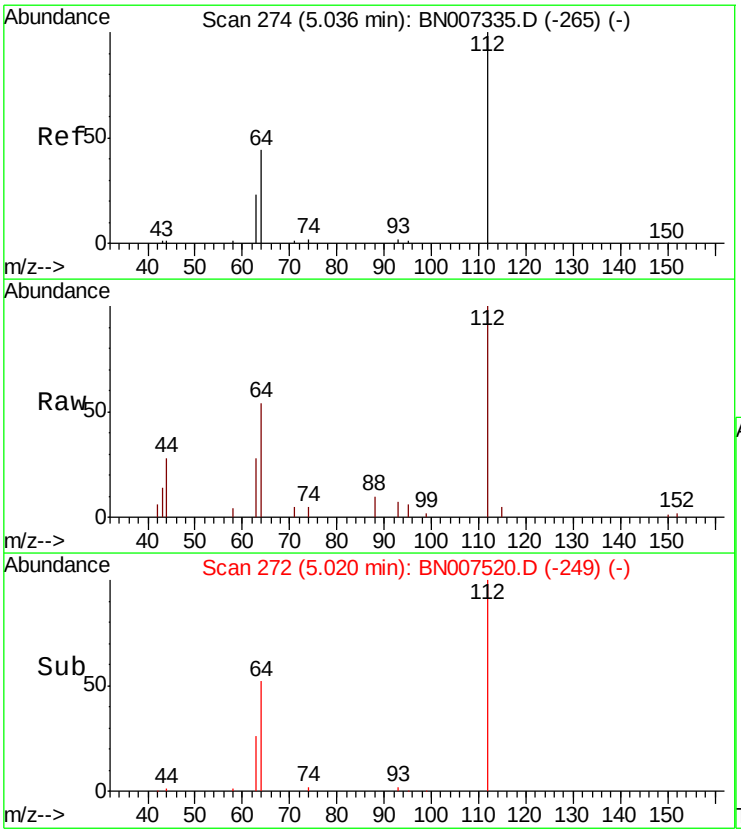
#3
n-Nitrosodimethylamine
Concen: 0.328 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1735

Ion	Ratio	Lower	Upper
42	100		
74	228.1	144.7	217.1#
44	0.0	3.2	4.8#

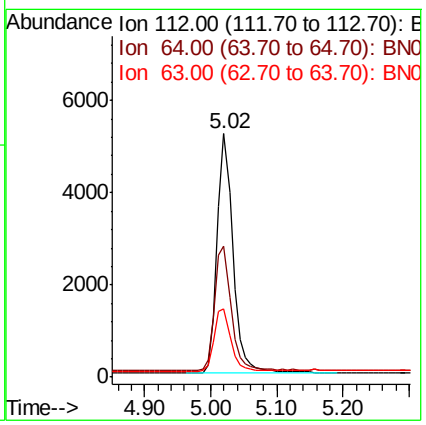


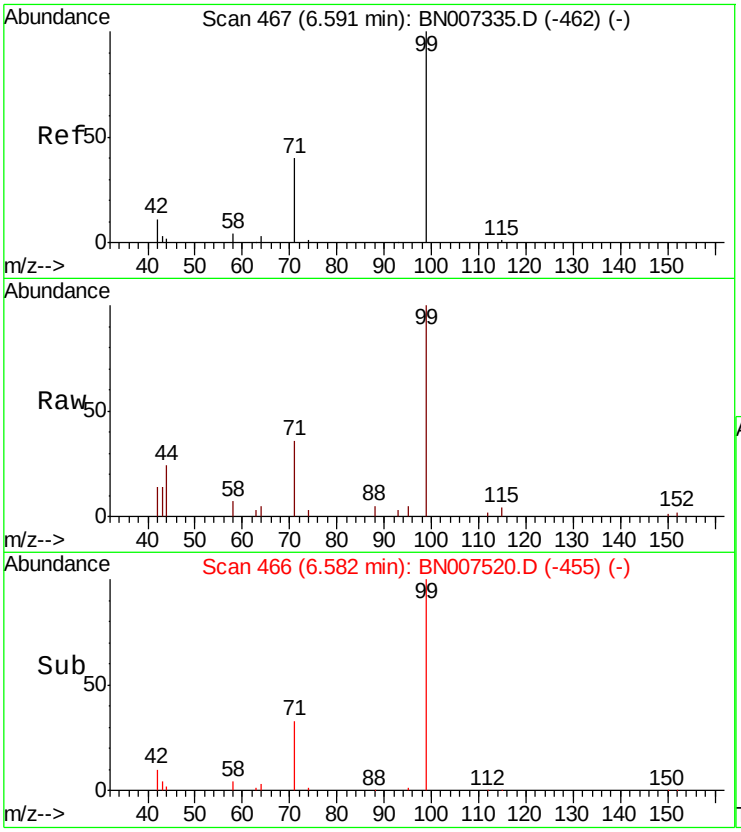


#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:112 Resp: 8639

Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.3	63.5
63	27.6	23.6	35.4



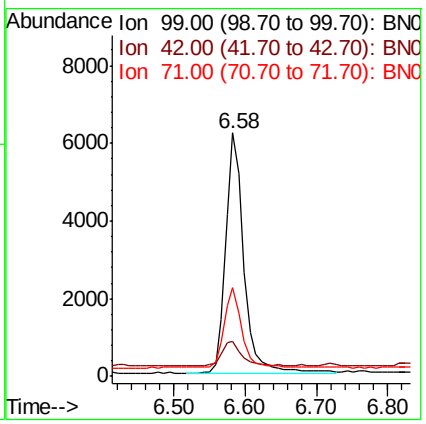


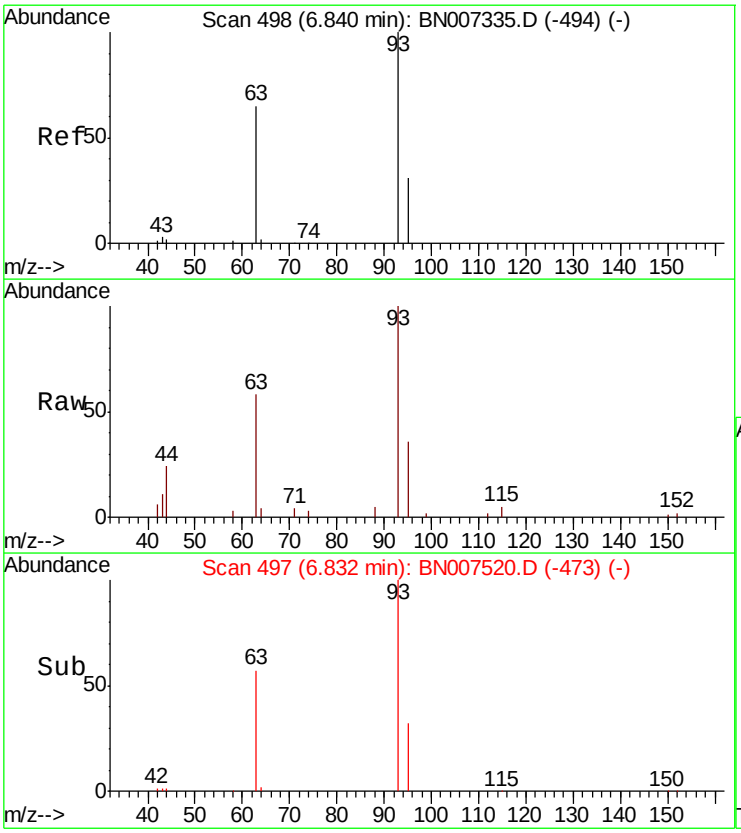
#5
Phenol-d6
Concen: 0.356 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 10885

Ion	Ratio	Lower	Upper
99	100		
42	11.3	11.2	16.8
71	32.1	31.8	47.8

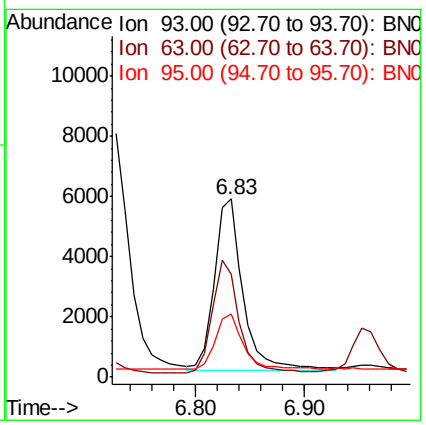


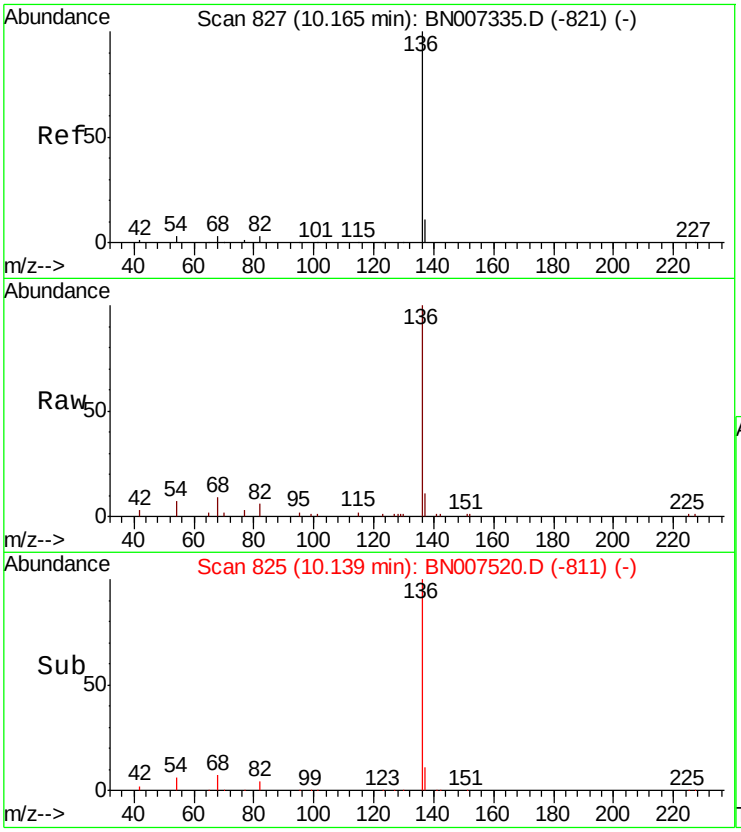


#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion: 93 Resp: 10416

Ion	Ratio	Lower	Upper
93	100		
63	61.5	51.9	77.9
95	31.1	27.7	41.5



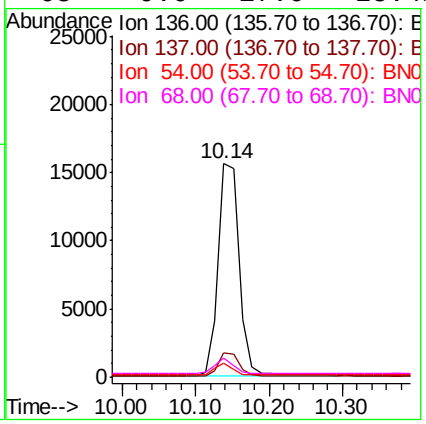


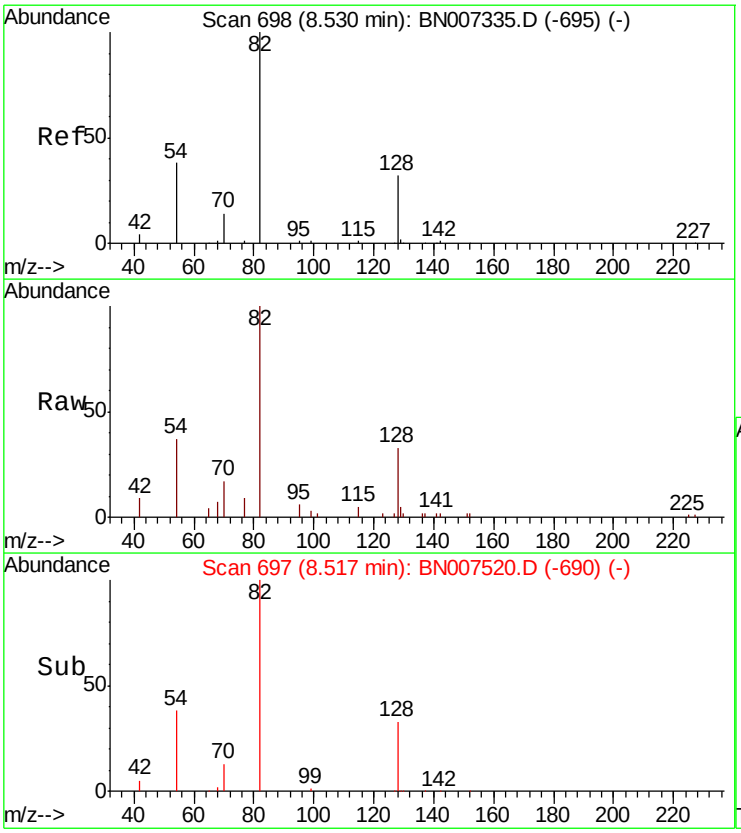
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.03 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 31010

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	6.6	8.6	12.8#
68	9.0	17.0	25.4#

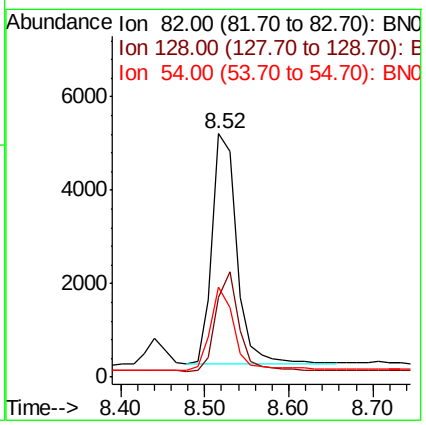


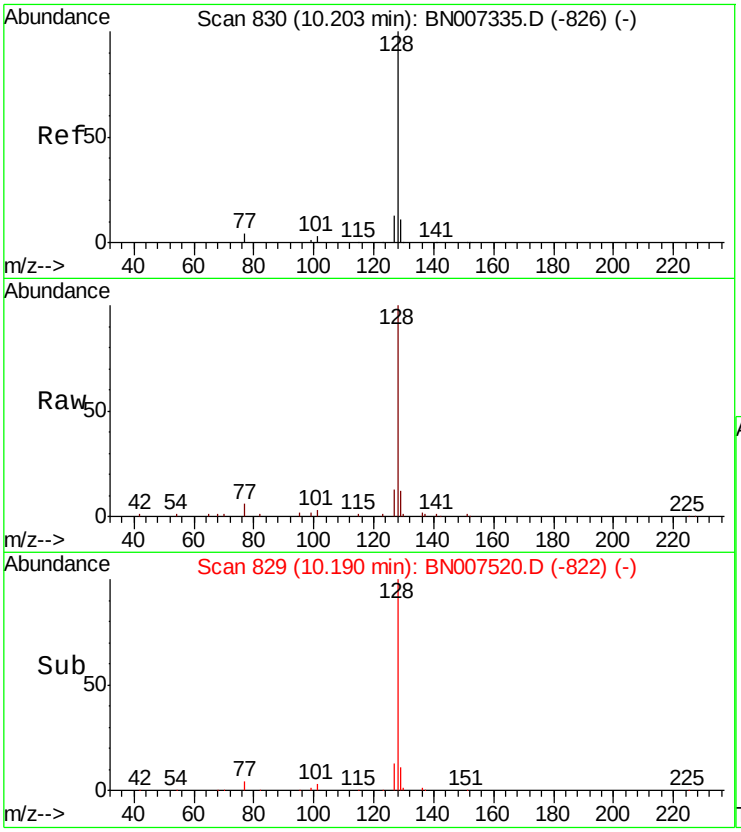


#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.52 min Scan# 697
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion: 82 Resp: 10271

Ion	Ratio	Lower	Upper
82	100		
128	32.6	19.7	29.5#
54	37.0	25.8	38.6



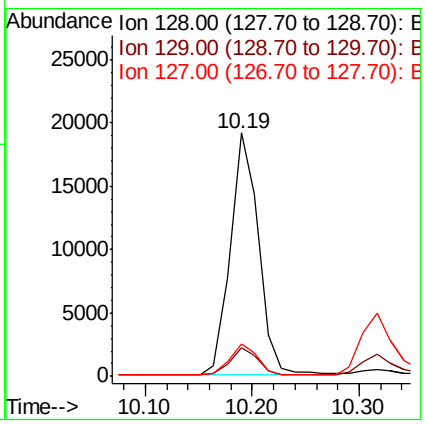


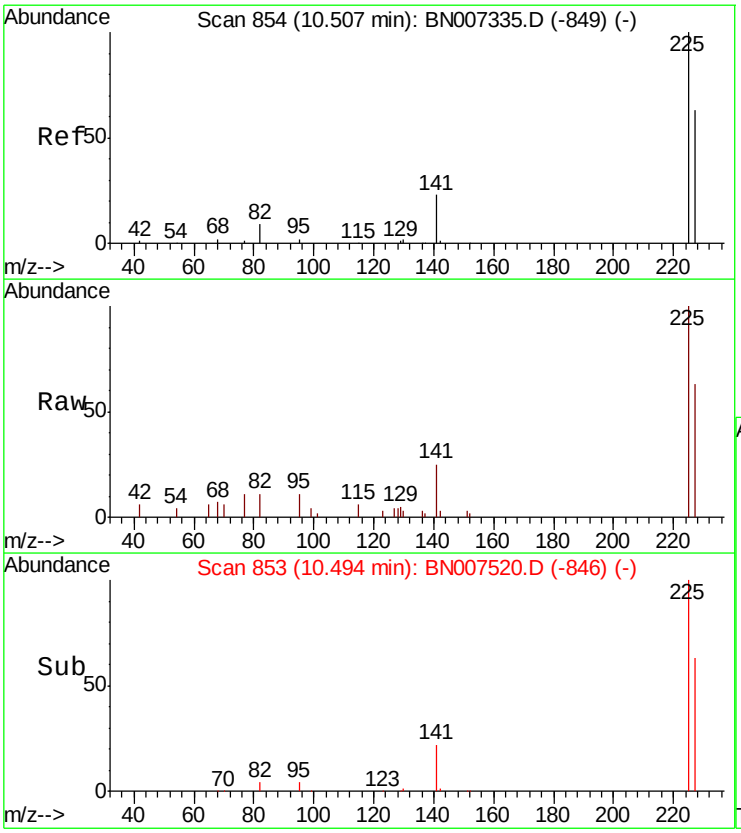
#9
Naphthalene
Concen: 0.393 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 34791

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.1	16.7
127	13.4	15.5	23.3#

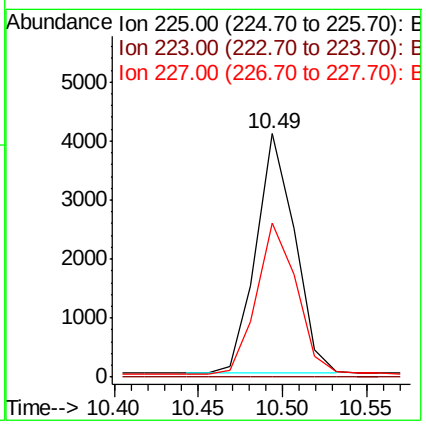


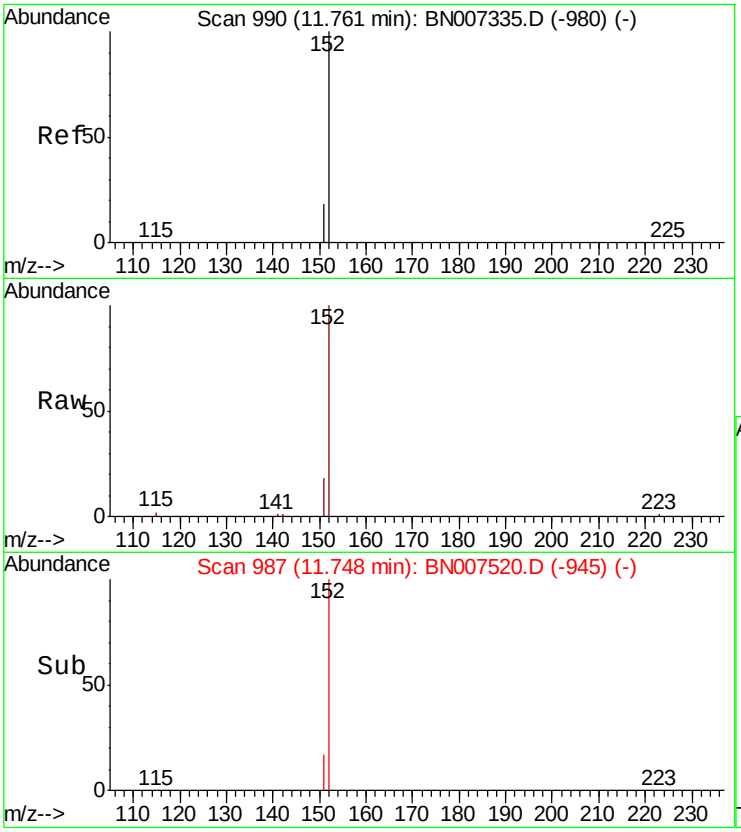


#10
Hexachlorobutadiene
Concen: 0.359 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:225 Resp: 6512

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.7	76.1



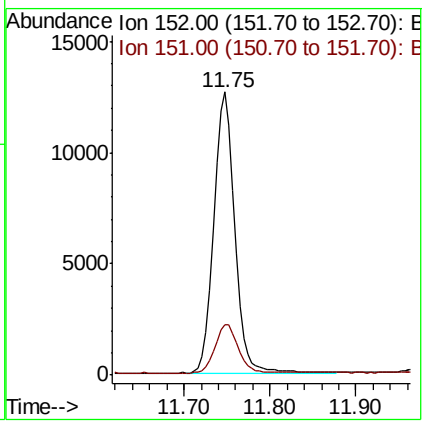


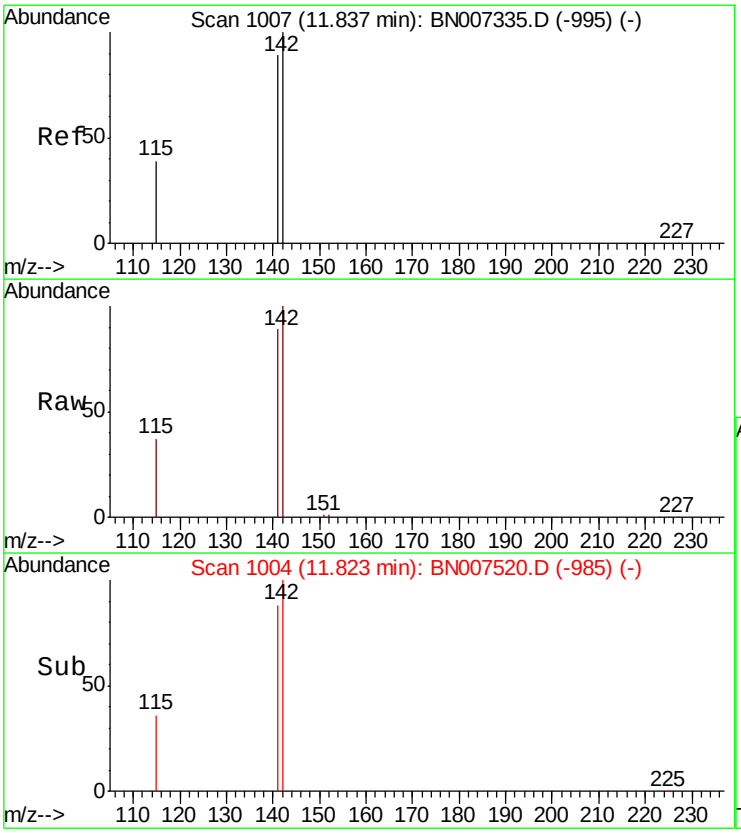
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 21168

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2

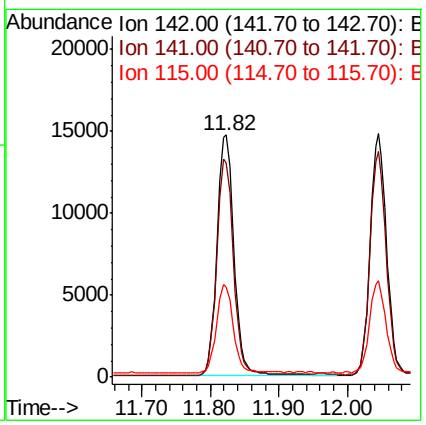


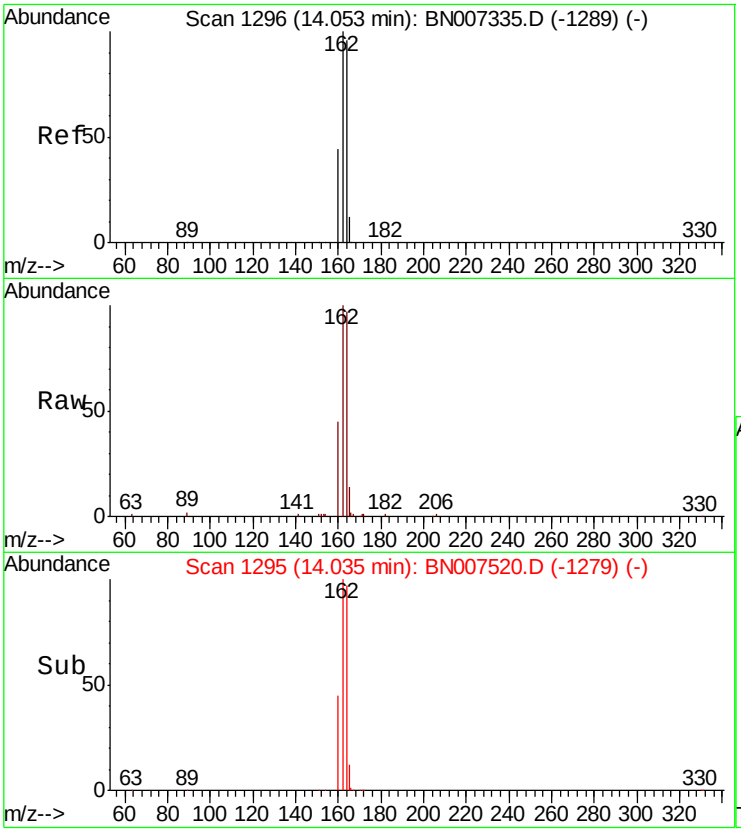


#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:142 Resp: 25295

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.8	109.2
115	37.4	35.2	52.8



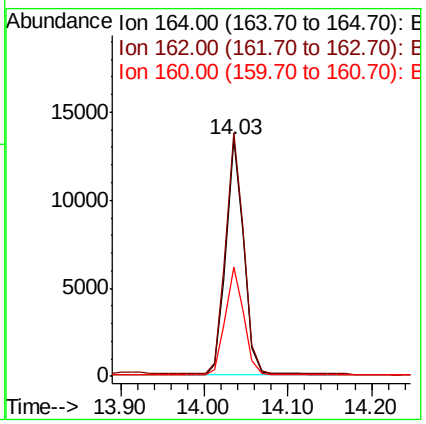


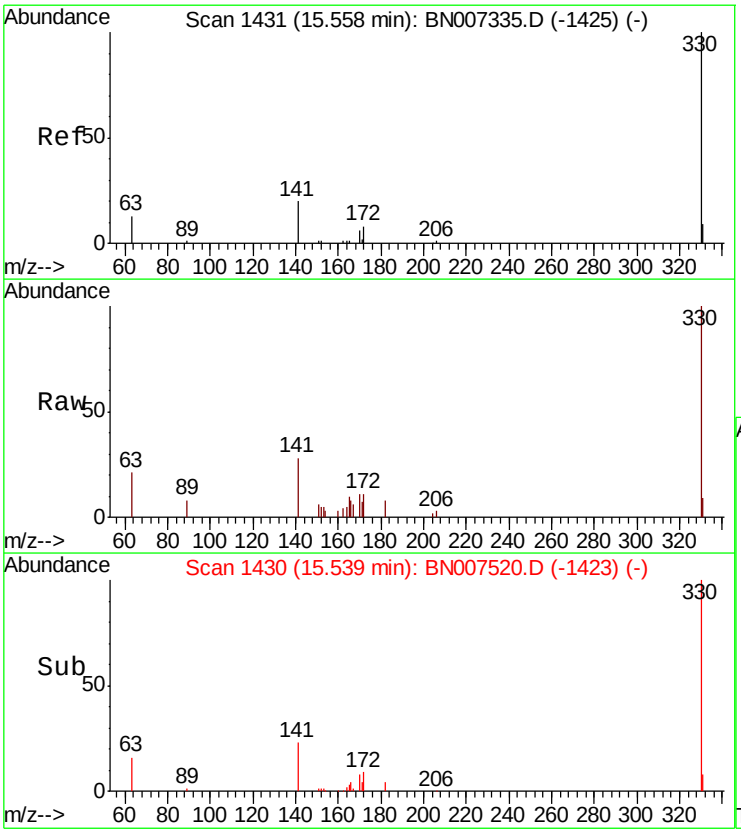
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 19635

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.5	125.3
160	46.3	38.2	57.4

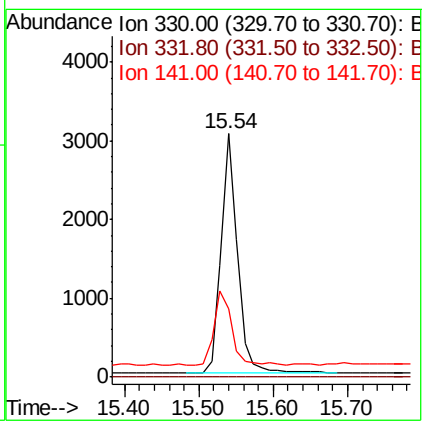


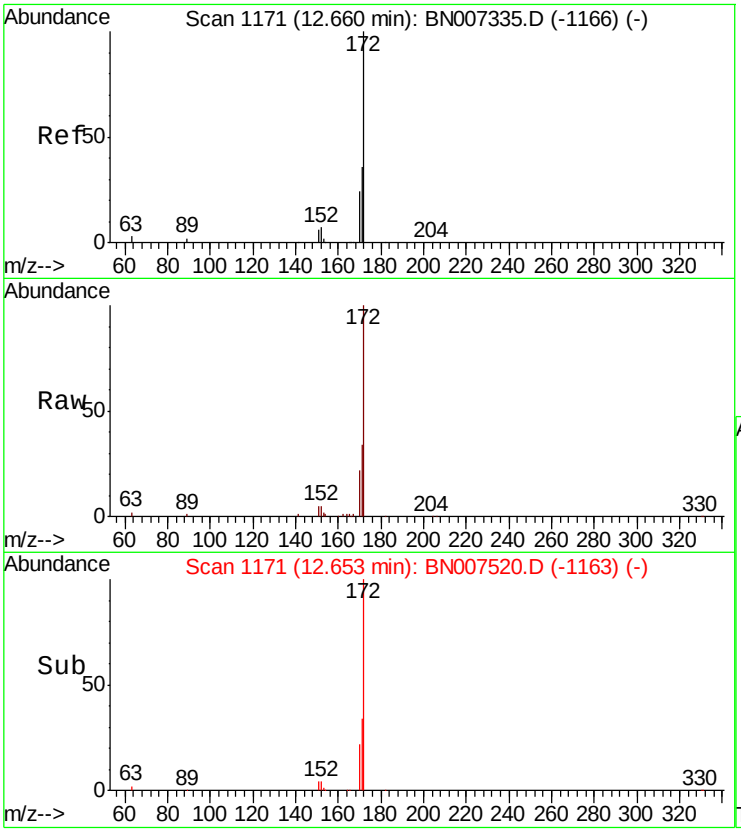


#14
2,4,6-Tribromophenol
Concen: 0.459 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:330 Resp: 4710

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.2	26.9	40.3



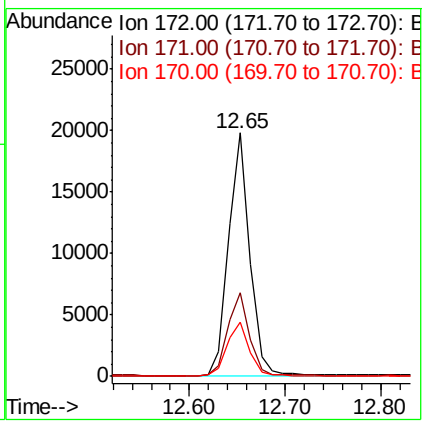


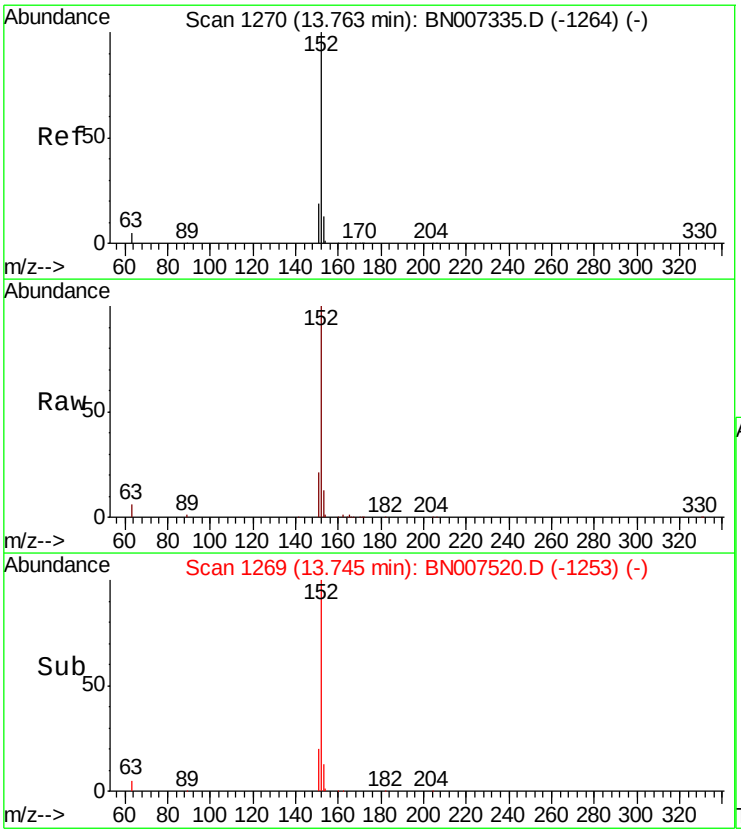
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 30599

Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.3	45.5
170	22.3	20.7	31.1

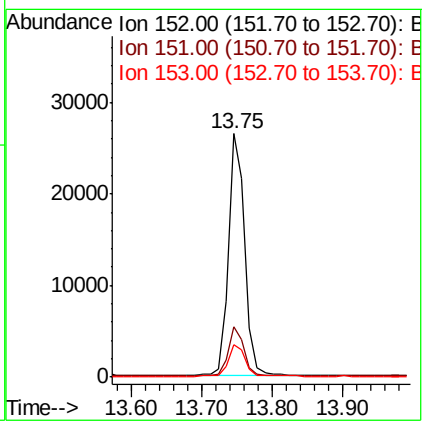


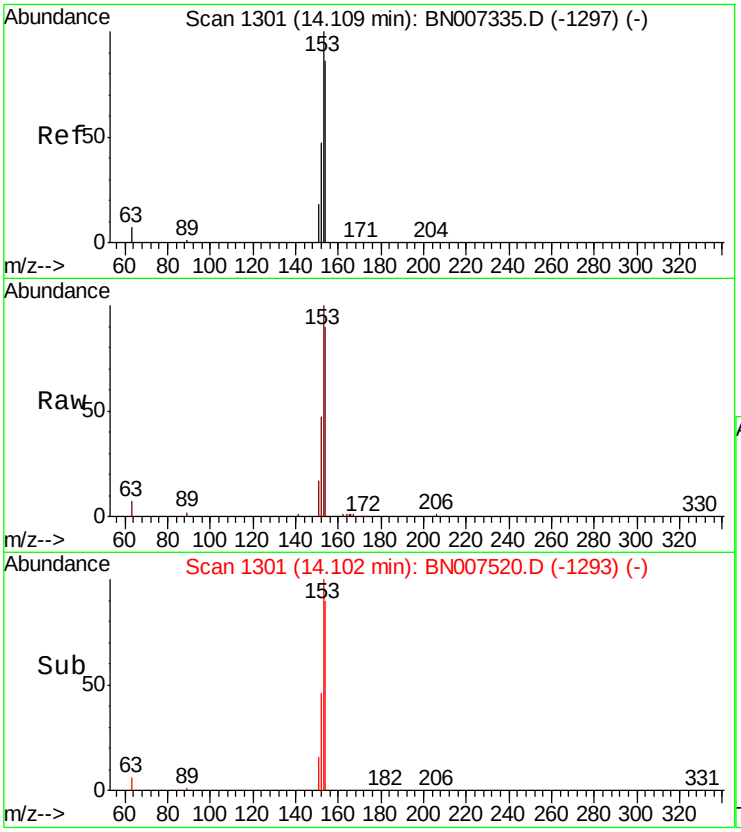


#16
Acenaphthylene
Concen: 0.372 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:152 Resp: 43184

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.1	10.6	15.8



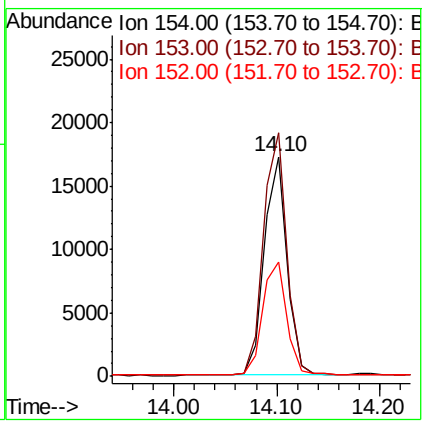


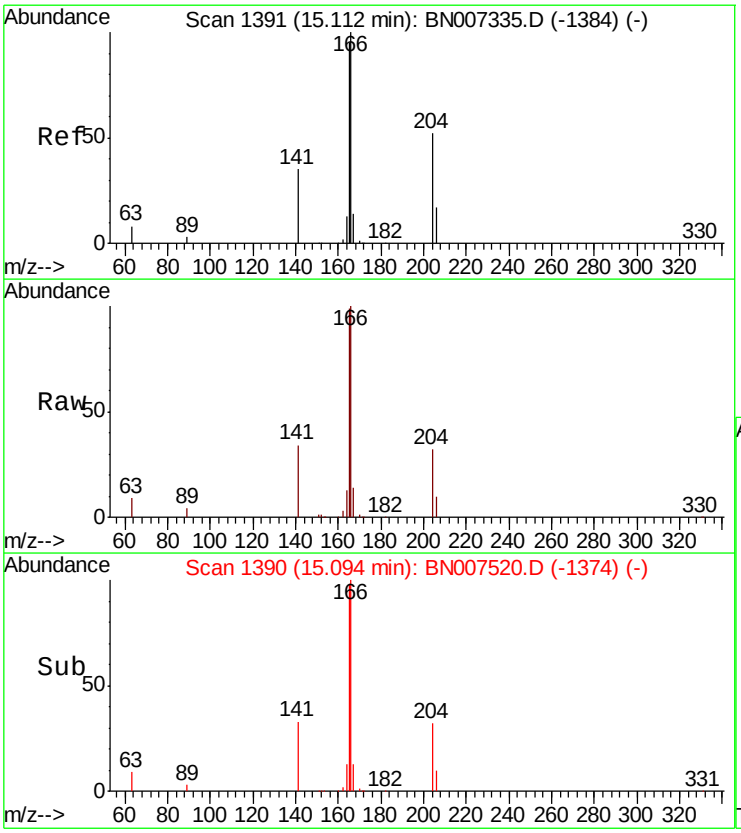
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 26406

Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.8	139.2
152	53.8	43.8	65.8

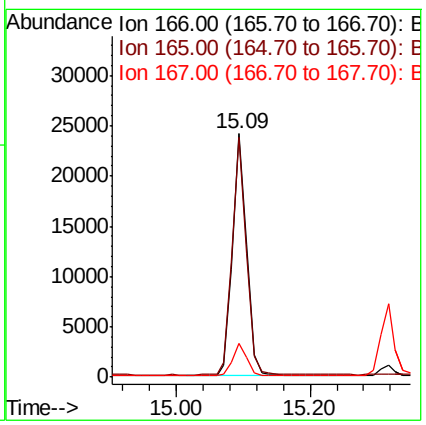


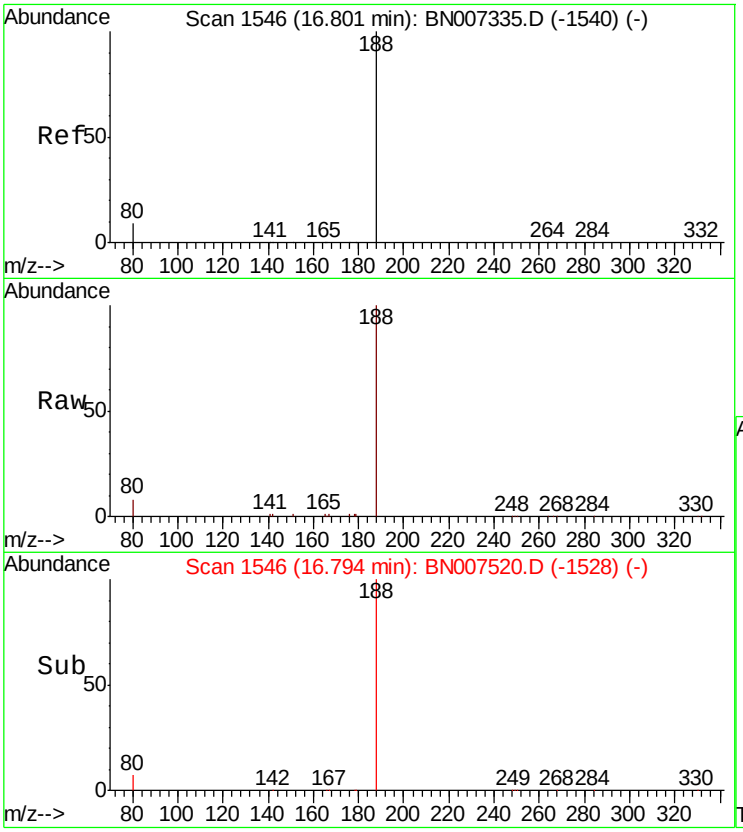


#18
Fluorene
Concen: 0.405 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:166 Resp: 34840

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.4
167	13.5	10.6	15.8



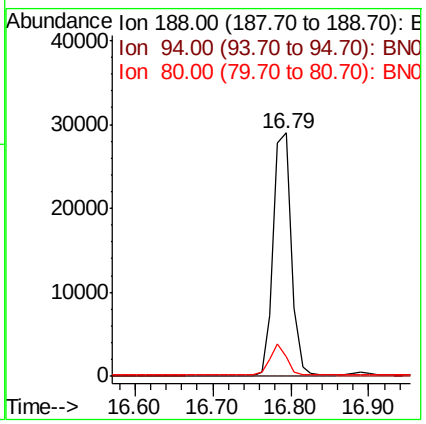


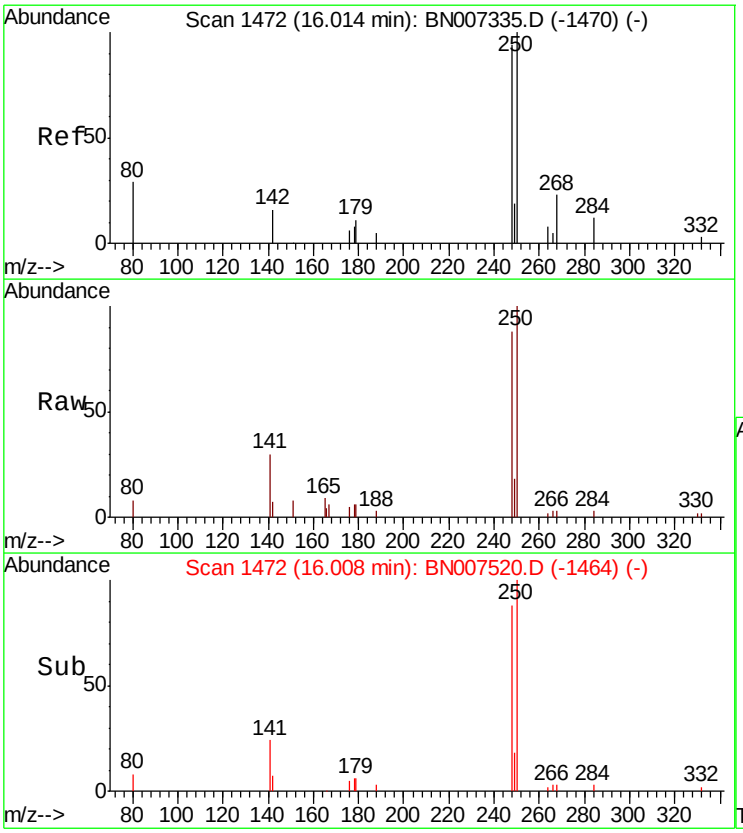
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 47308

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	11.8	17.8#

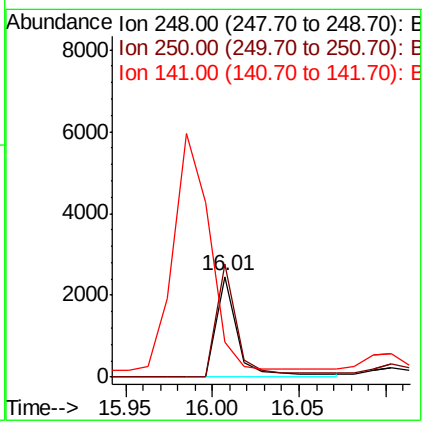


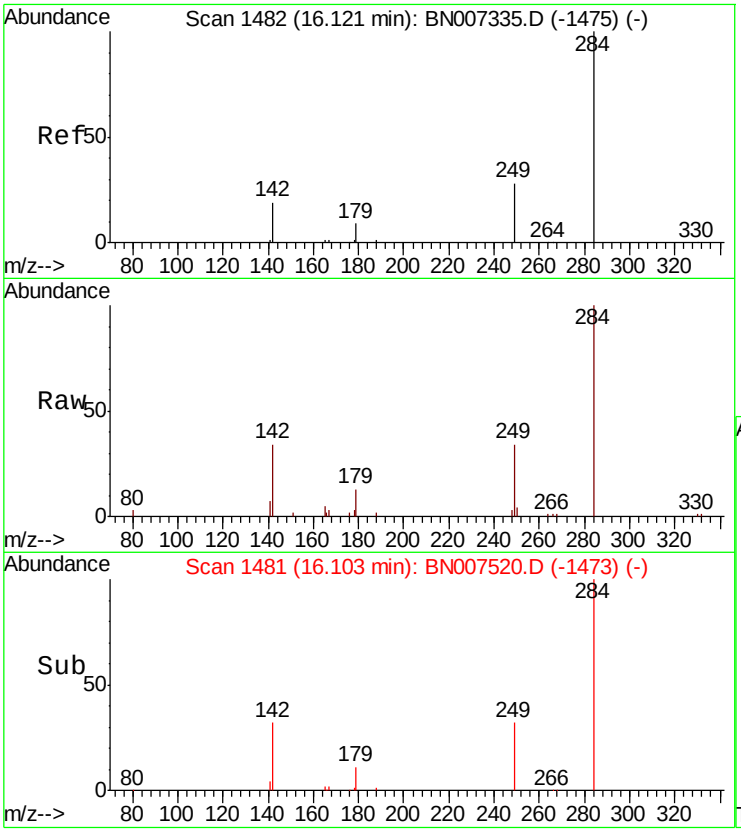


#20
4-Bromophenyl-phenylether
Concen: 0.113 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:248 Resp: 2100

Ion	Ratio	Lower	Upper
248	100		
250	113.2	85.0	127.6
141	34.3	51.7	77.5#



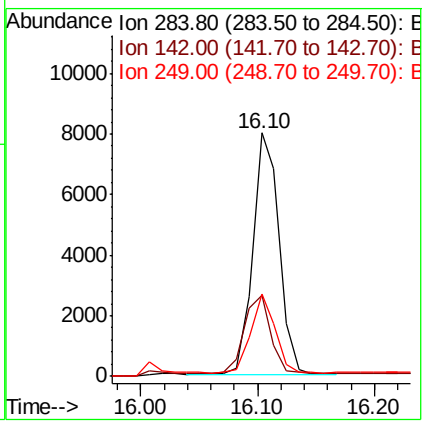


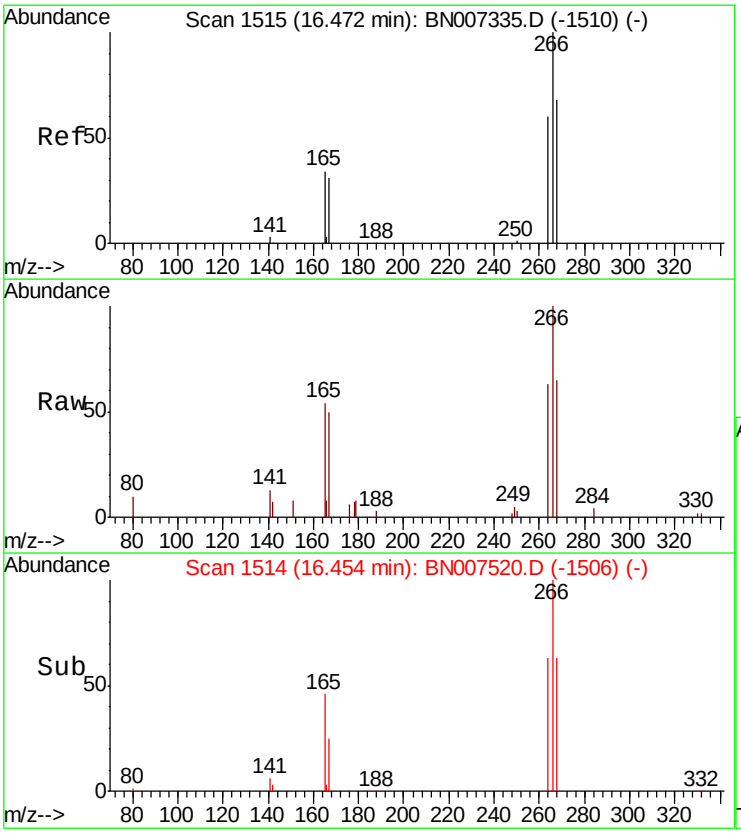
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 12381

Ion	Ratio	Lower	Upper
284	100		
142	32.3	29.0	43.6
249	30.0	24.9	37.3

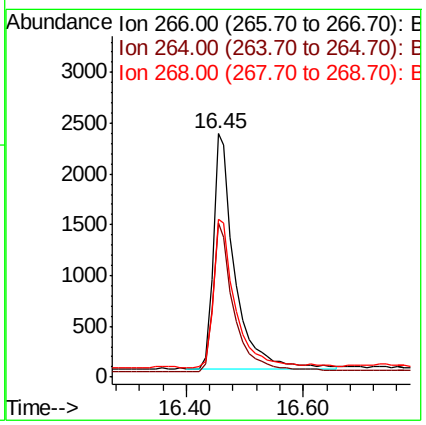


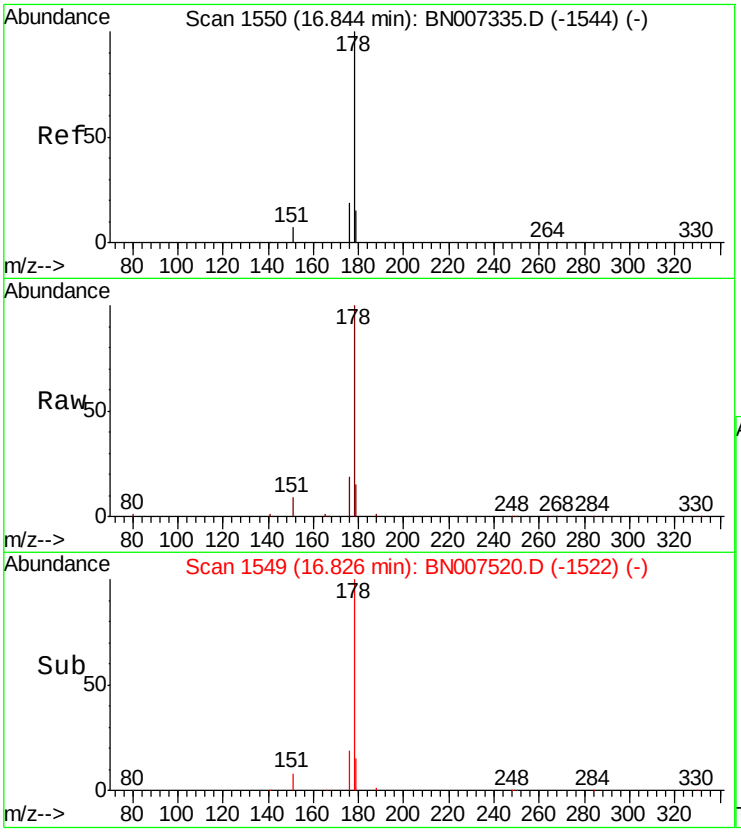


#22
Pentachlorophenol
Concen: 0.604 ng
RT: 16.45 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:266 Resp: 5953

Ion	Ratio	Lower	Upper
266	100		
264	63.3	57.8	86.8
268	64.9	99.7	149.5#



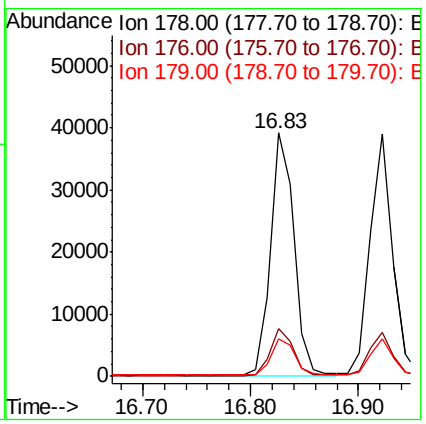


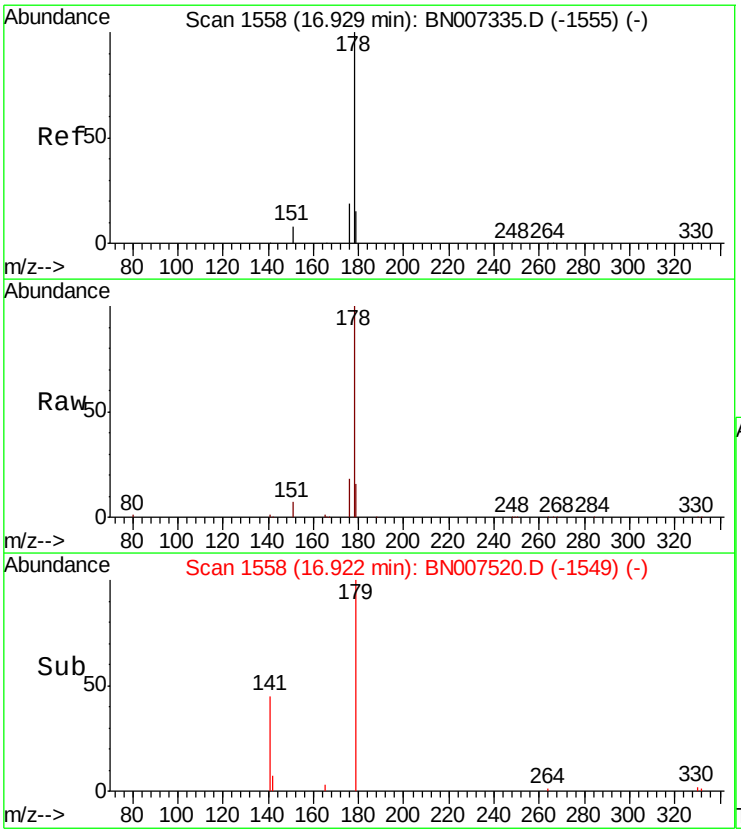
#23
Phenanthrene
Concen: 0.410 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 58392

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.3	12.6	19.0

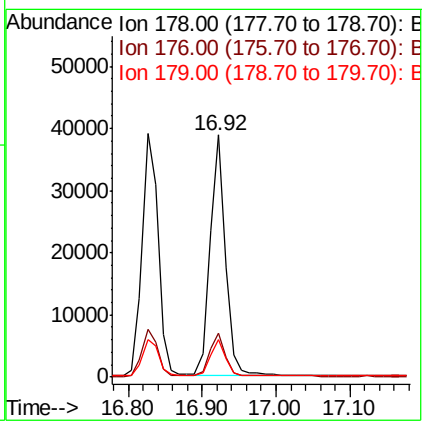


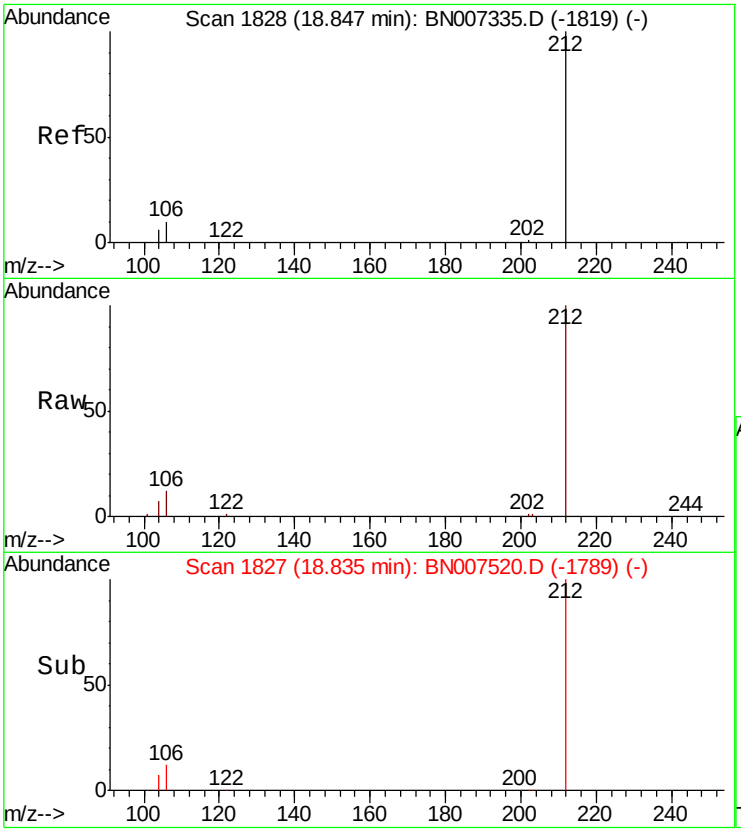


#24
Anthracene
Concen: 0.395 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:178 Resp: 56478

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.2	12.4	18.6



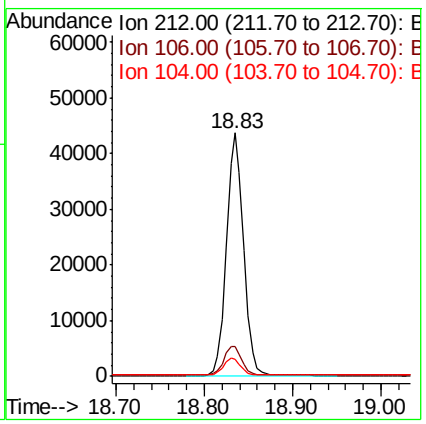


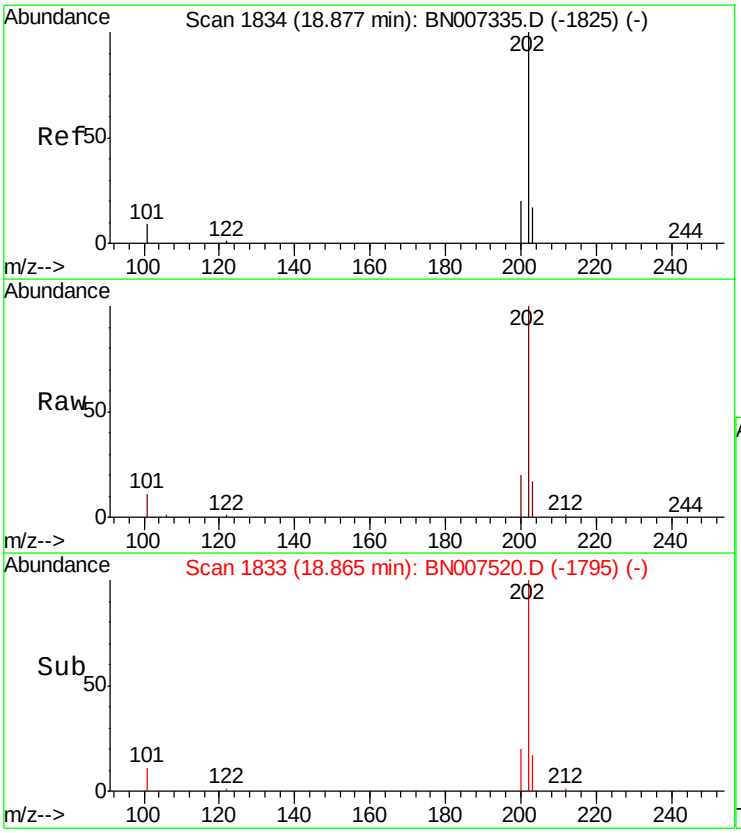
#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 18.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 58870

Ion	Ratio	Lower	Upper
212	100		
106	12.5	9.0	13.4
104	7.3	5.4	8.2

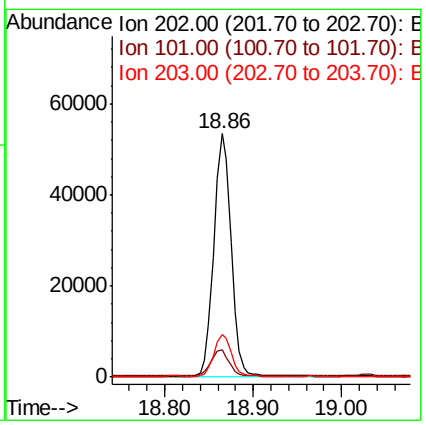


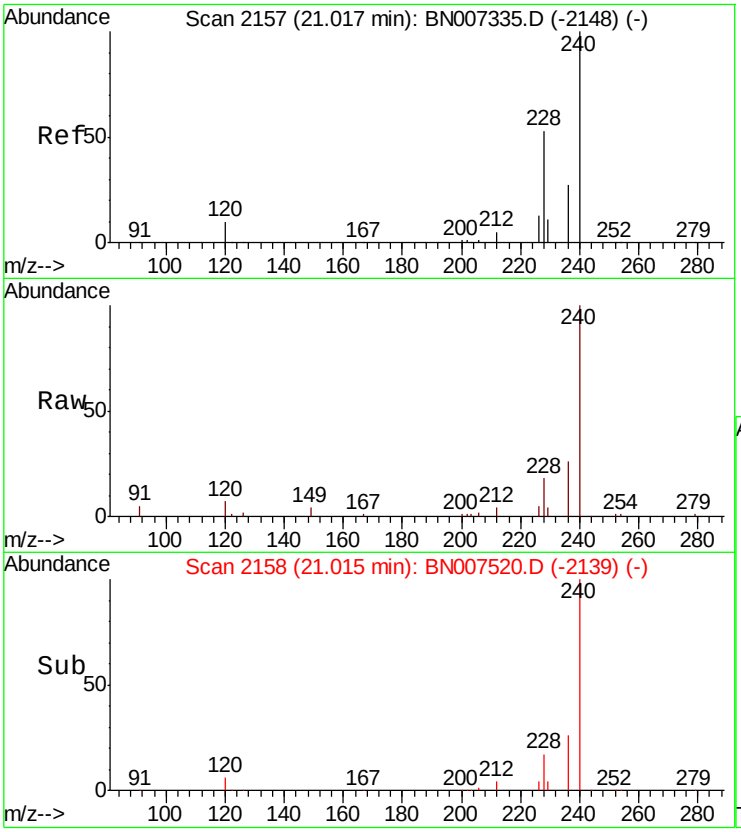


#26
Fluoranthene
Concen: 0.393 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:202 Resp: 71869

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.7	11.5
203	17.0	13.7	20.5



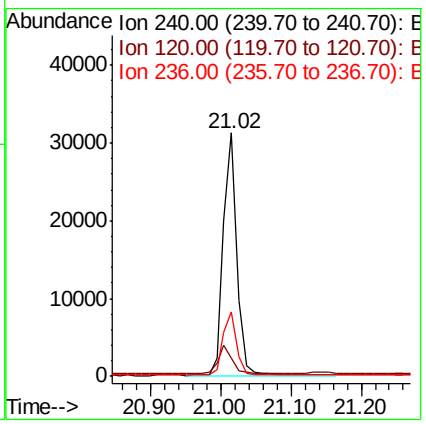


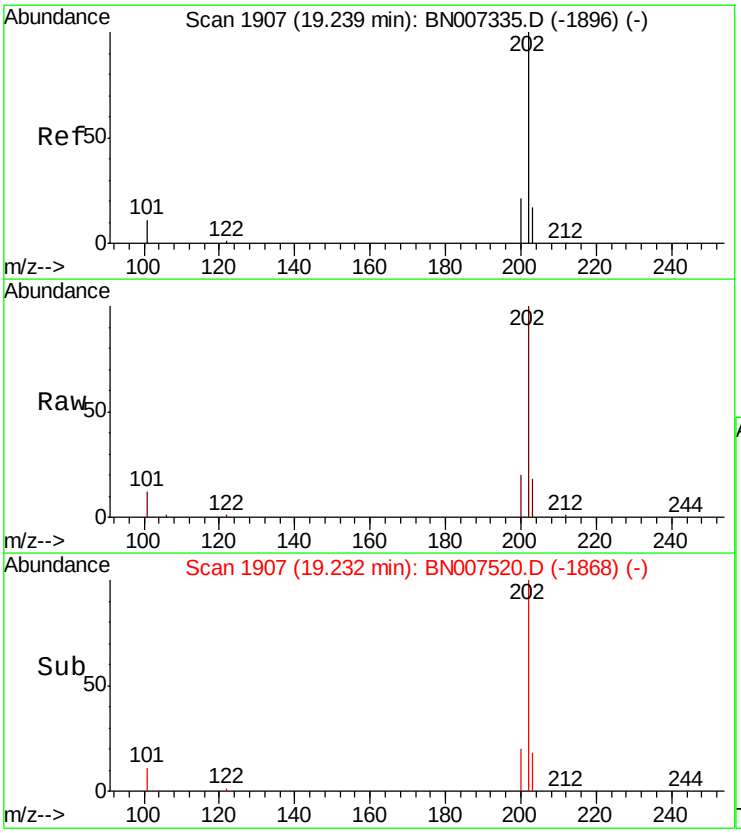
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 41883

Ion	Ratio	Lower	Upper
240	100		
120	7.3	9.6	14.4#
236	26.5	22.2	33.2

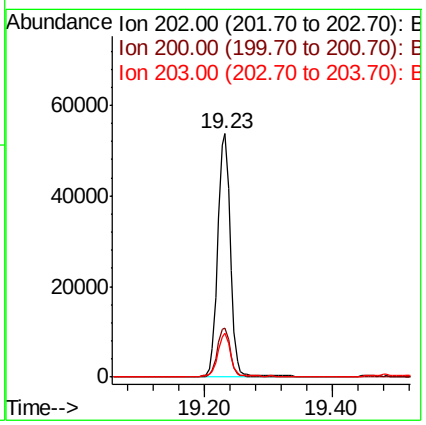


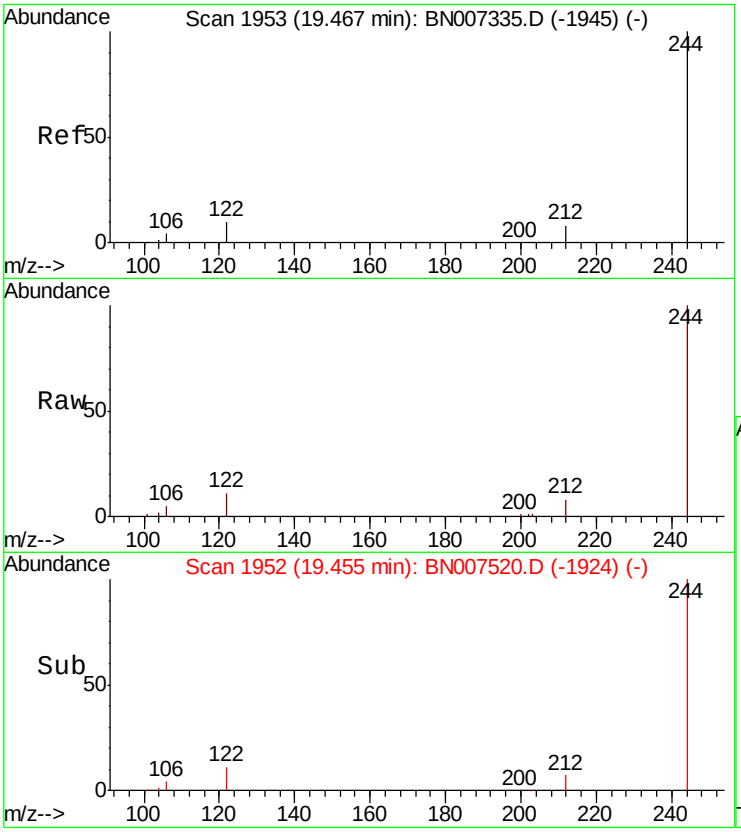


#28
Pyrene
Concen: 0.438 ng
RT: 19.23 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:202 Resp: 73811

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



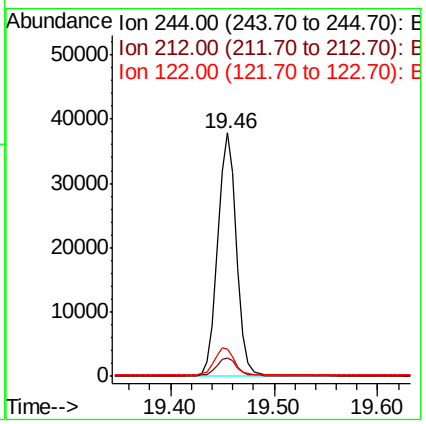


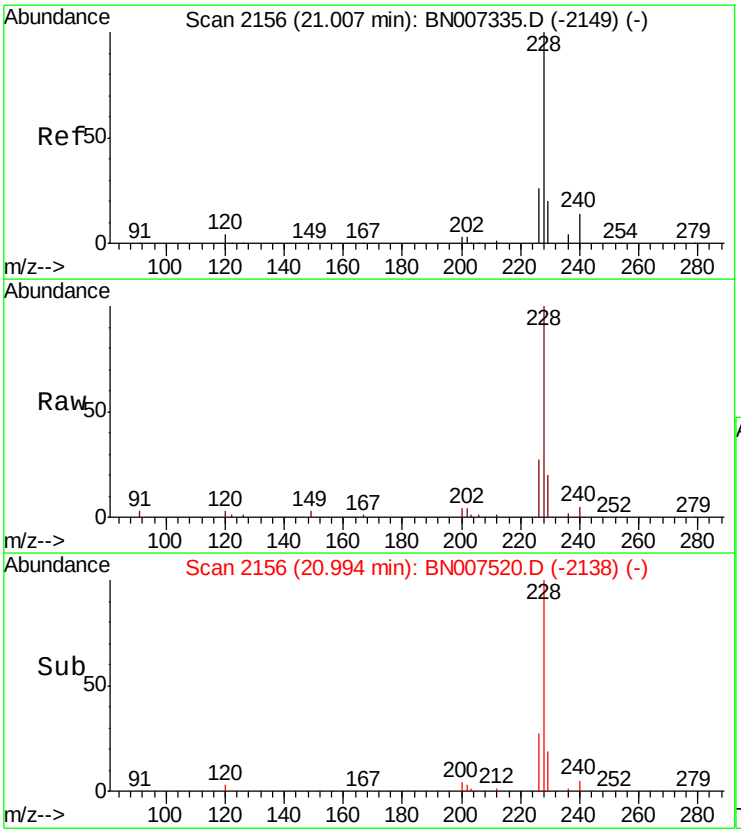
#29
Terphenyl-d14
Concen: 0.433 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 47449

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.6
122	11.4	9.6	14.4

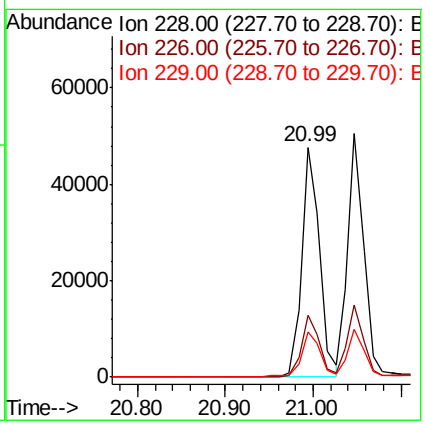


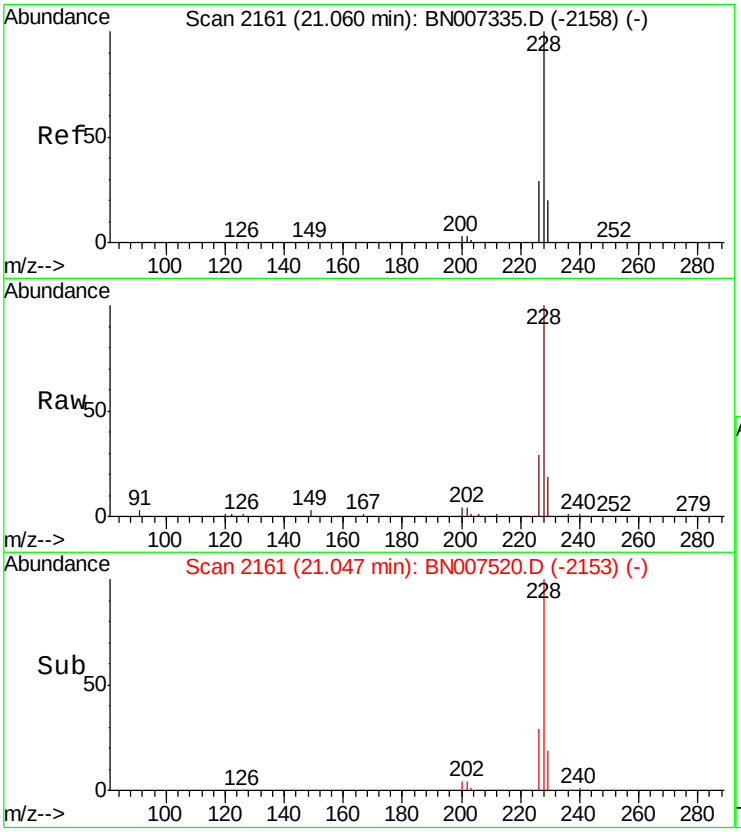


#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:228 Resp: 66080

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.3	31.9
229	19.6	16.1	24.1



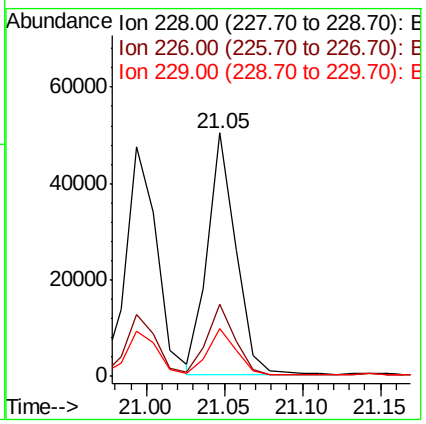


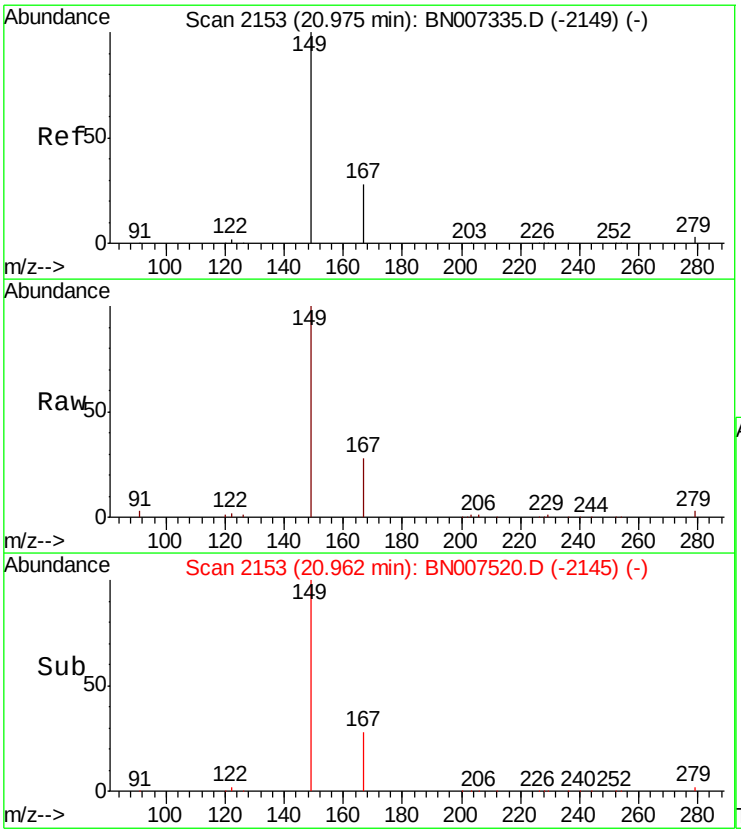
#31
Chrysene
Concen: 0.395 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 62738

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	19.5	16.6	24.8

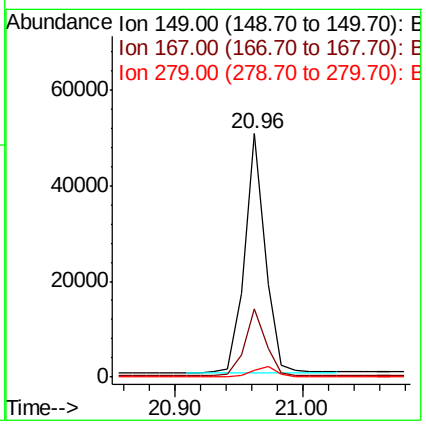


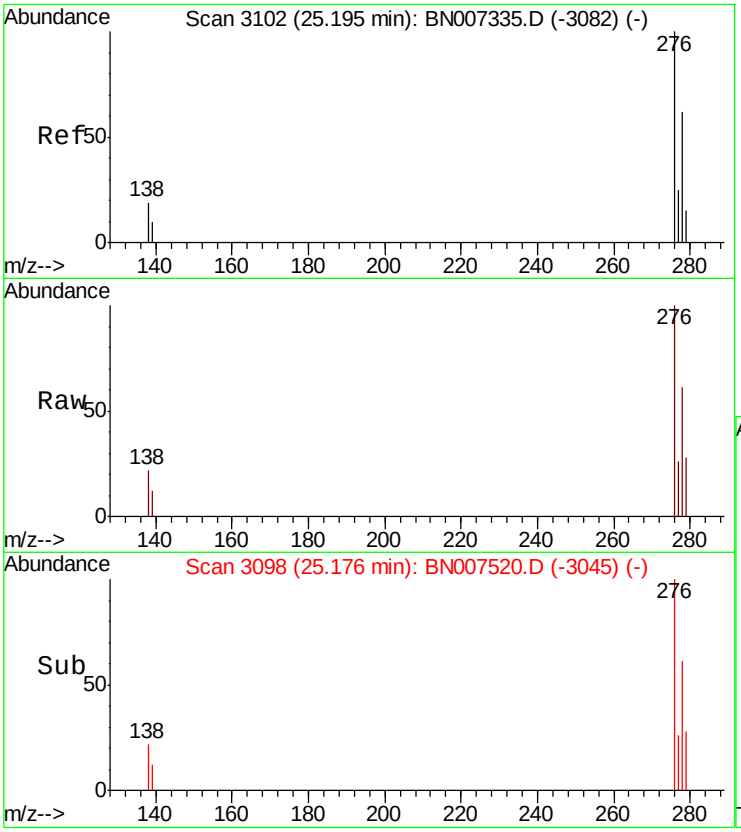


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.507 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:149 Resp: 56020

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.8	34.2
279	4.4	3.5	5.3



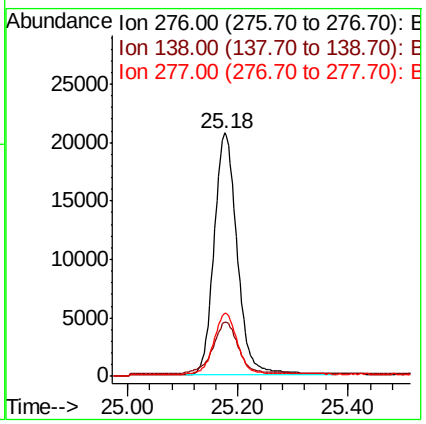


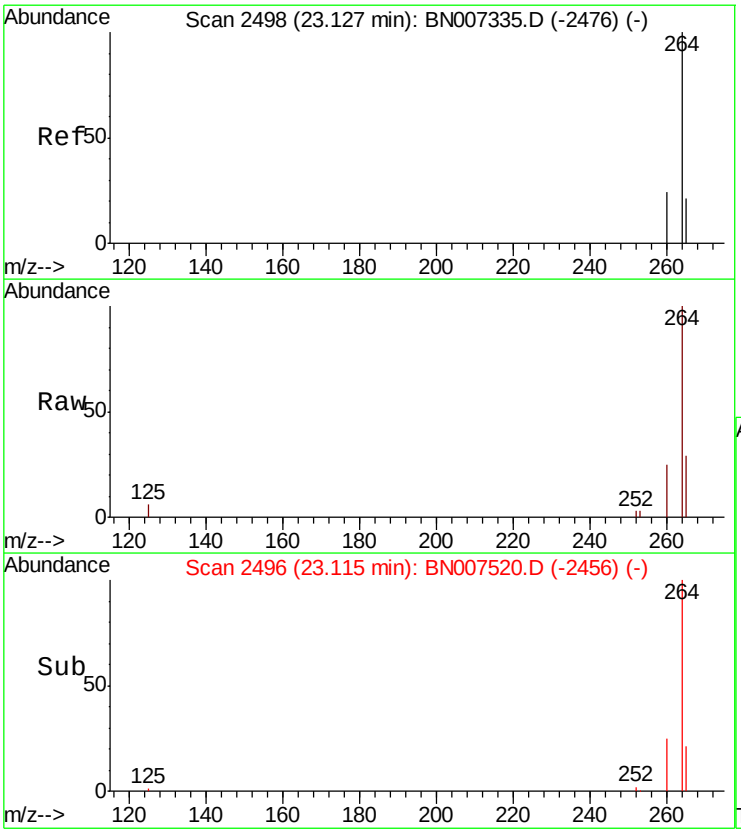
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng
RT: 25.18 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 60135

Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.1	22.7
277	25.2	19.7	29.5

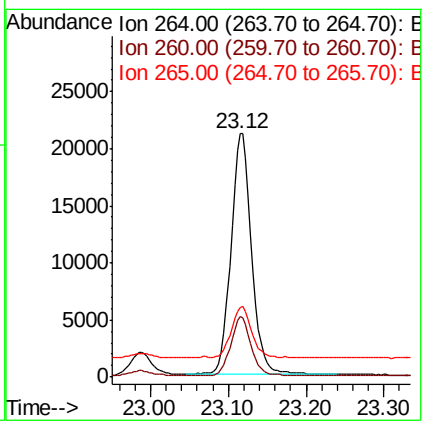


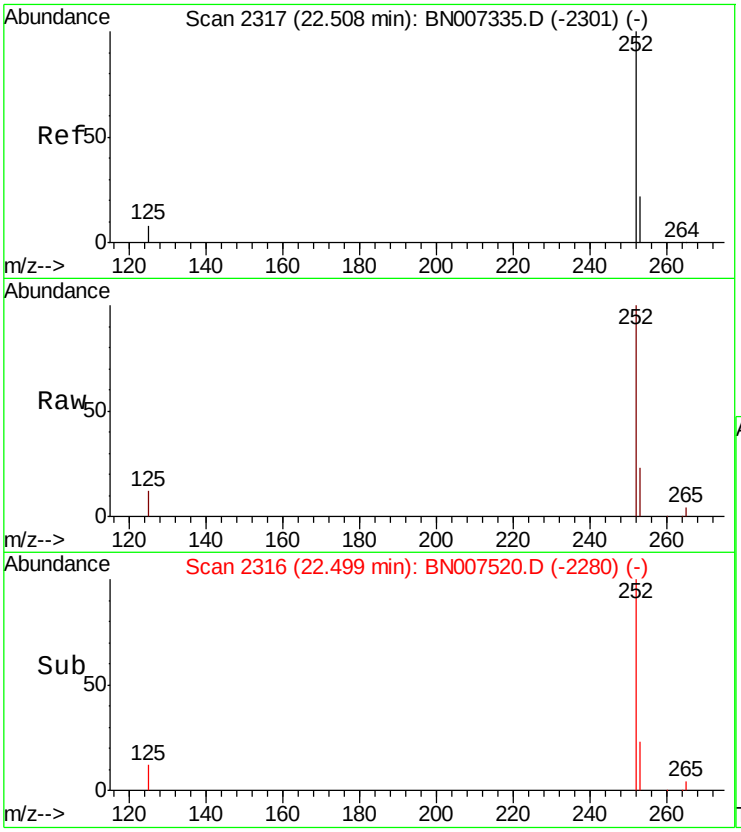


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:264 Resp: 38962

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	28.5	29.9	44.9#



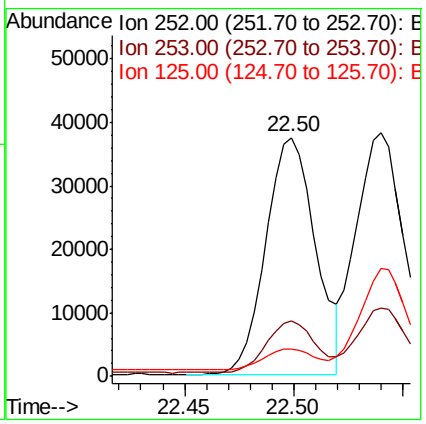


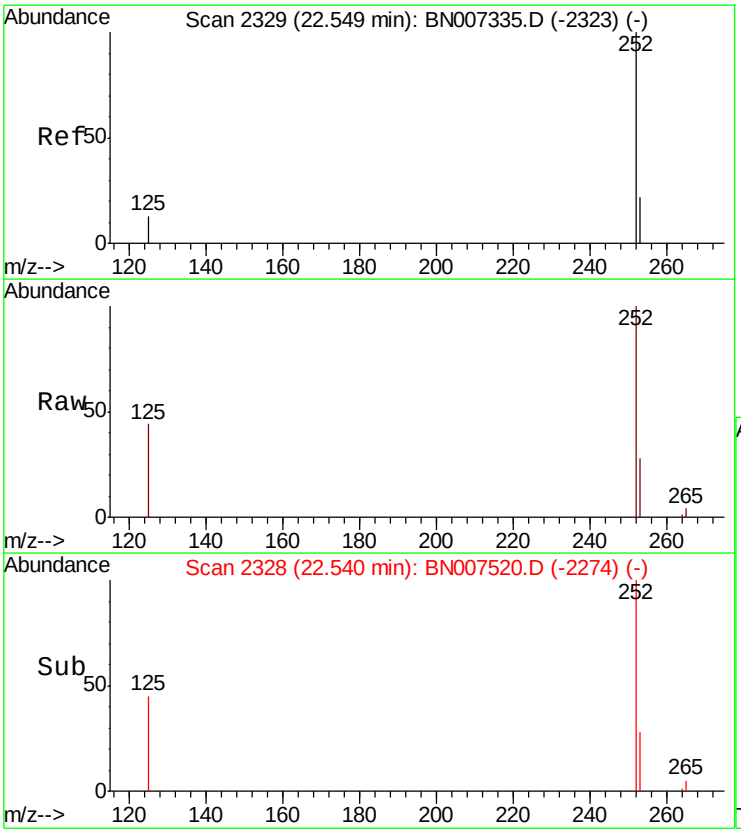
#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 59052

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	11.7	10.6	16.0

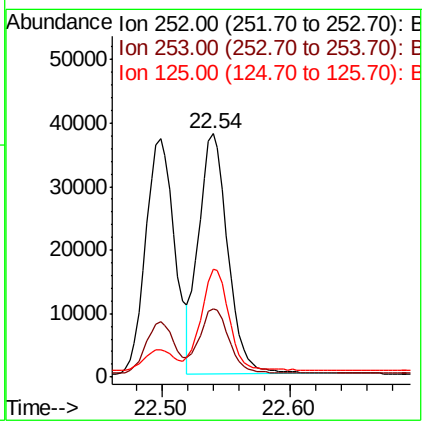


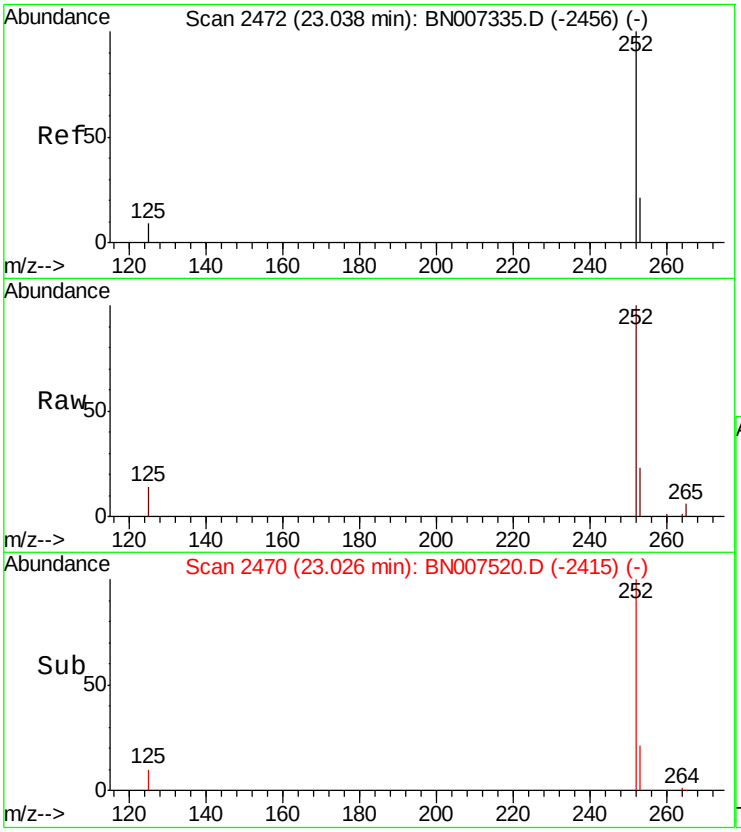


#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 22.54 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:252 Resp: 60119

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.4	29.2
125	44.3	13.1	19.7#



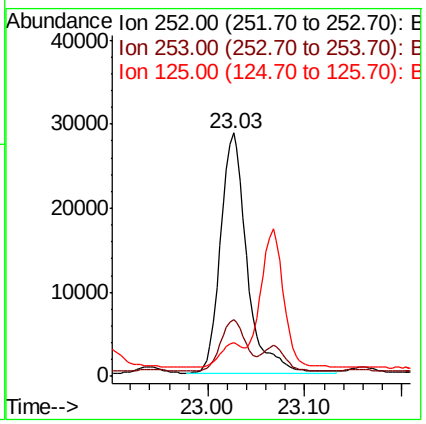


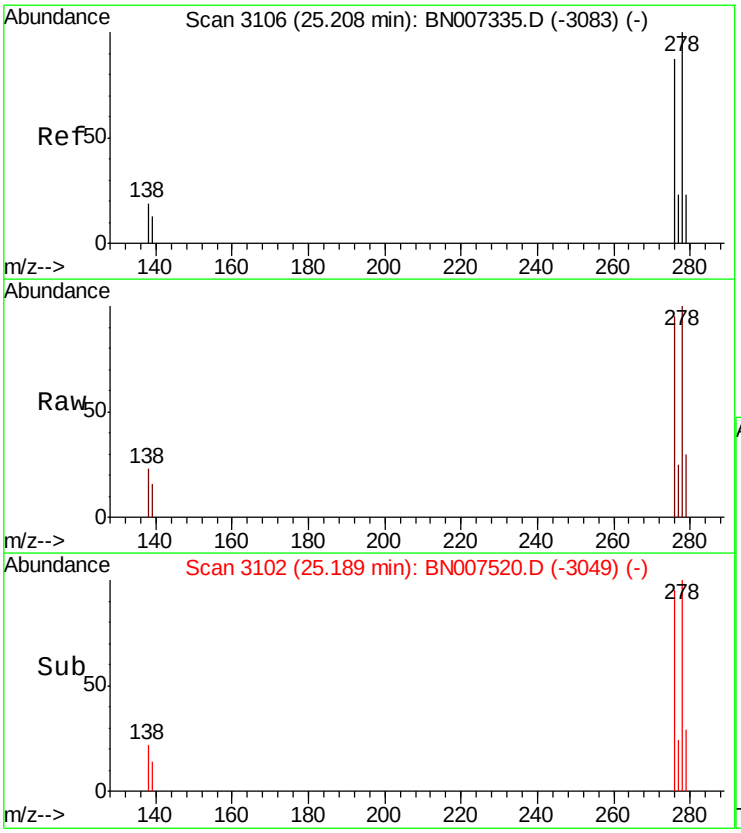
#37
Benzo(a)pyrene
Concen: 0.405 ng
RT: 23.03 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 54406

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.5	29.3
125	13.9	12.1	18.1

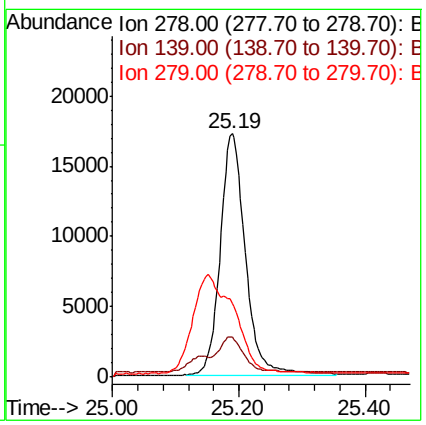


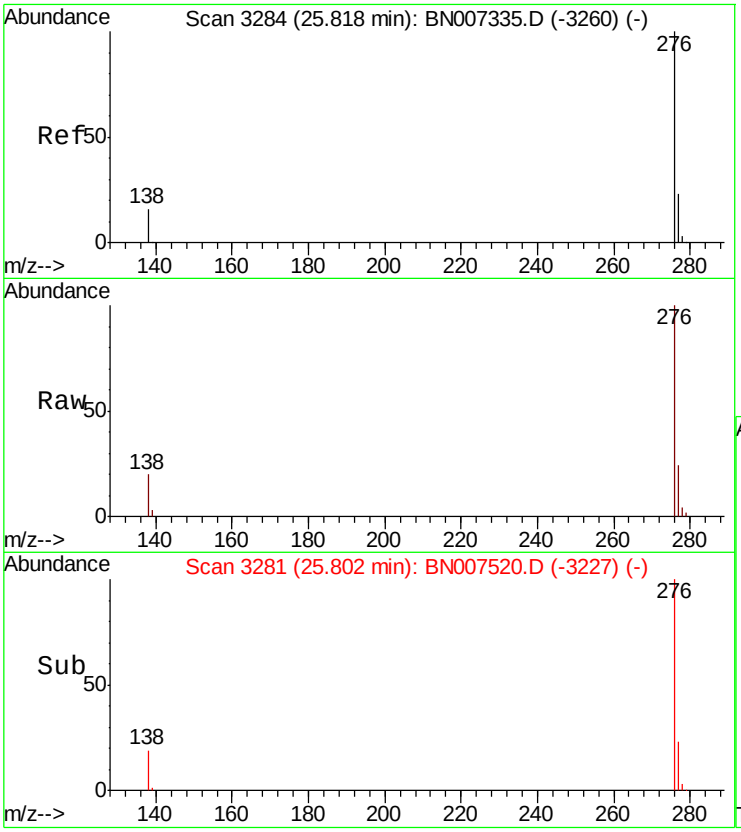


#38
Dibenzo(a,h)anthracene
Concen: 0.354 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Tgt Ion:278 Resp: 47489

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.7	20.5
279	30.2	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 25.80 min Scan# 3281
Delta R.T. -0.02 min
Lab File: BN007520.D
Acq: 30 Aug 2019 13:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48442

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	20.1	16.3	24.5