Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007974.D
Acq On : 02 Oct 2019 20:17
Operator : JU
Sample : PB123460BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 03 06:47:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	76	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	15	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	37	0.40	ng		-0.06
19) Phenanthrene-d10	17.01	188	40	0.40	ng		-0.06
27) Chrysene-d12	21.17	240	44	0.40	ng		-0.10
34) Perylene-d12	23.38	264	26	0.40	ng		-0.11
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	5584	21.35	ng		0.00
5) Phenol-d6	6.87	99	7621	23.74	ng		0.00
8) Nitrobenzene-d5	8.82	82	6343	483.45	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	13292	525.98	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	1767	87.68	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	18141	119.04	ng		-0.01
25) Fluoranthene-d10	19.09	212	36087	267.68	ng		-0.02
29) Terphenyl-d14	19.70	244	29905	276.70	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.99	42	1450	37.372	ng	#	78
6) bis(2-Chloroethyl)ether	7.13	93	26	0.121	ng	#	21
9) Naphthalene	10.51	128	86	2.043	ng	#	1
10) Hexachlorobutadiene	10.81	225	5	0.564	ng	#	18
12) 2-Methylnaphthalene	12.12	142	16	0.562	ng	#	18
16) Acenaphthylene	14.02	152	1030	5.249	ng	#	96
17) Acenaphthene	14.37	154	108	0.854	ng		95
18) Fluorene	15.31	166	112	0.691	ng	#	91
20) 4-Bromophenyl-phenylether	16.20	248	7	0.288	ng	#	10
21) Hexachlorobenzene	16.34	284	7	0.264	ng	#	42
22) Pentachlorophenol	16.63	266	4	0.409	ng	#	62
23) Phenanthrene	17.03	178	12	0.096	ng	#	1
24) Anthracene	17.10	178	217	1.928	ng	#	83
26) Fluoranthene	19.12	202	565	3.647	ng		94
28) Pyrene	19.28	202	598	3.985	ng		94
30) Benzo(a)anthracene	21.24	228	959	5.919	ng	#	1
31) Chrysene	21.24	228	880	5.573	ng	#	4
33) Indeno(1,2,3-cd)pyrene	25.58	276	12	0.061	ng	#	34
35) Benzo(b)fluoranthene	22.74	252	36	0.399	ng	#	1
36) Benzo(k)fluoranthene	22.74	252	36	0.403	ng	#	1
37) Benzo(a)pyrene	23.28	252	227	2.676	ng	#	1
38) Dibenzo(a,h)anthracene	25.59	278	11	0.127	ng	#	1
39) Benzo(g,h,i)perylene	26.27	276	13	0.151	ng	#	1

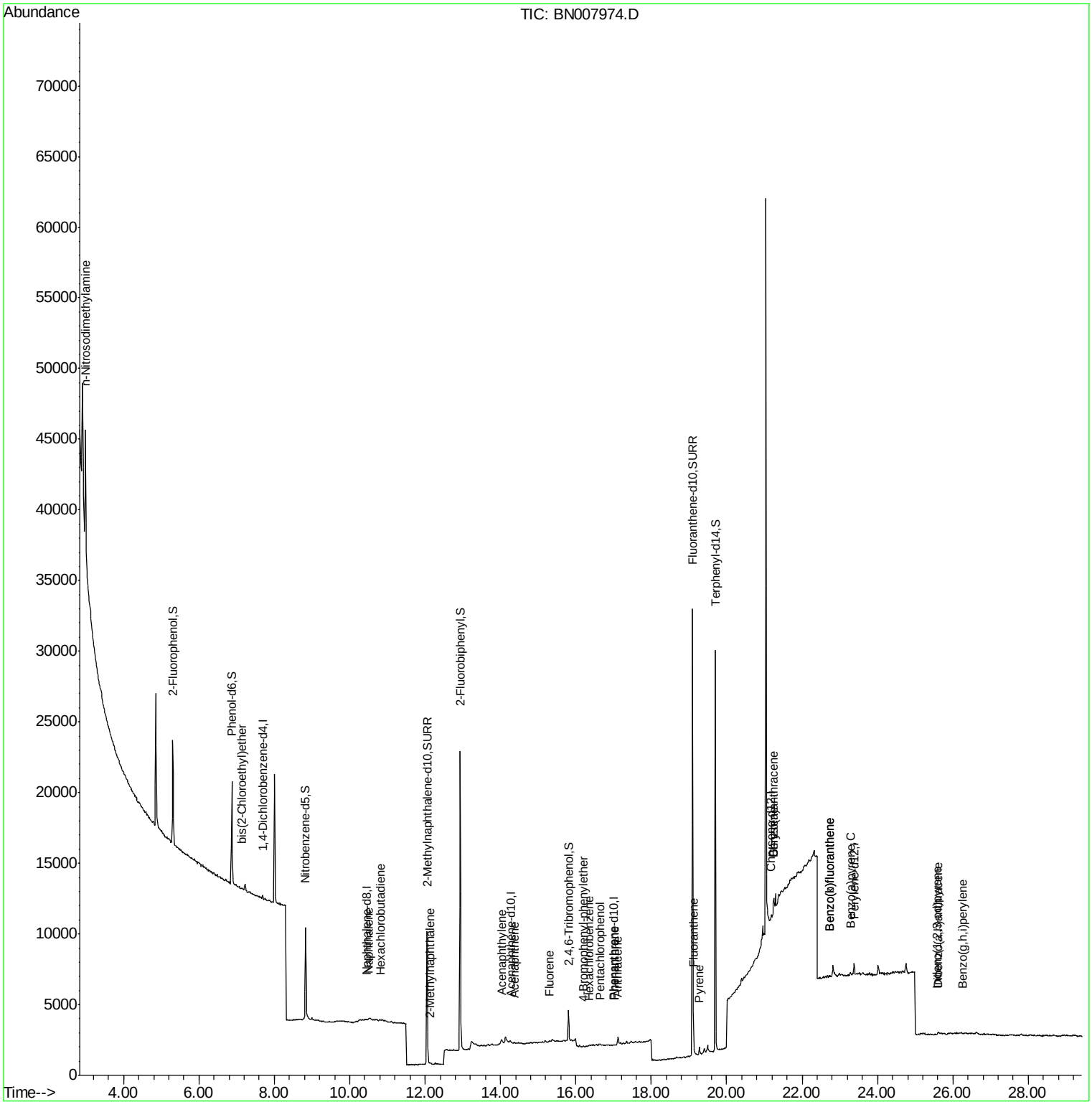
(#) = qualifier out of range (m) = manual integration (+) = signals summed

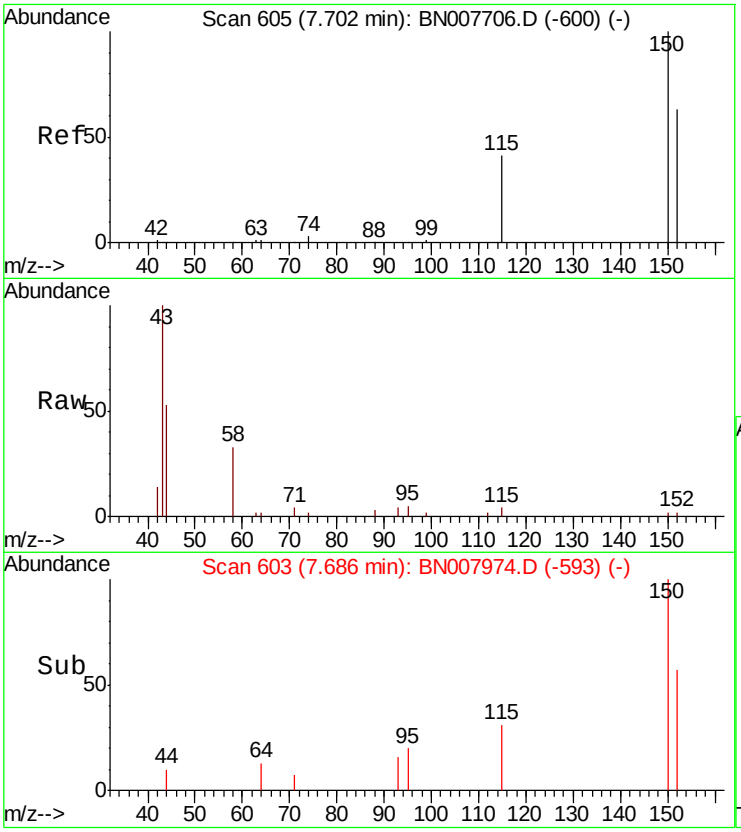
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007974.D
Acq On : 02 Oct 2019 20:17
Operator : JU
Sample : PB123460BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 03 06:47:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



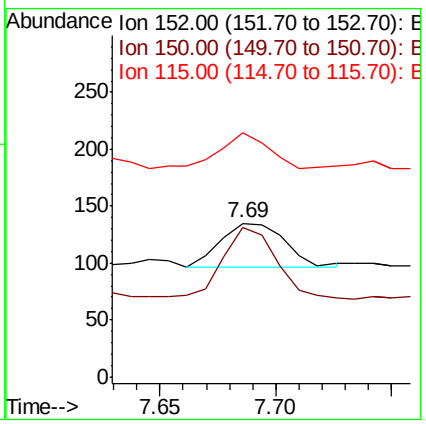


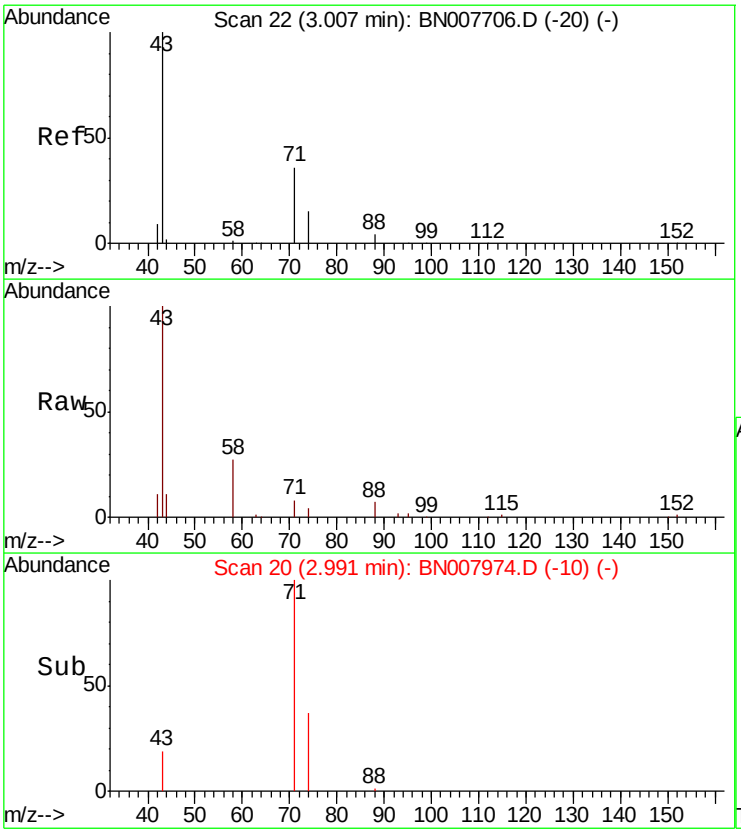
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 76

Ion	Ratio	Lower	Upper
152	100		
150	97.0	125.6	188.4#
115	158.5	53.3	79.9#

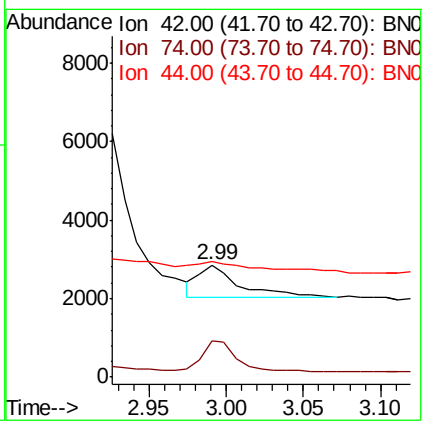


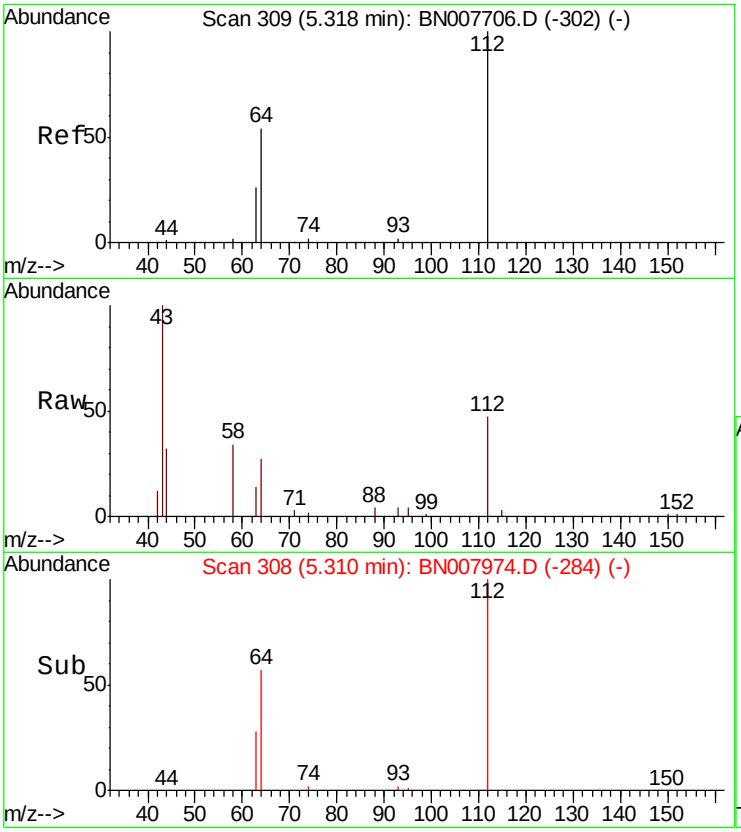


#3
n-Nitrosodimethylamine
Concen: 37.372 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion: 42 Resp: 1450

Ion	Ratio	Lower	Upper
42	100		
74	82.1	87.9	131.9#
44	32.3	29.4	44.0



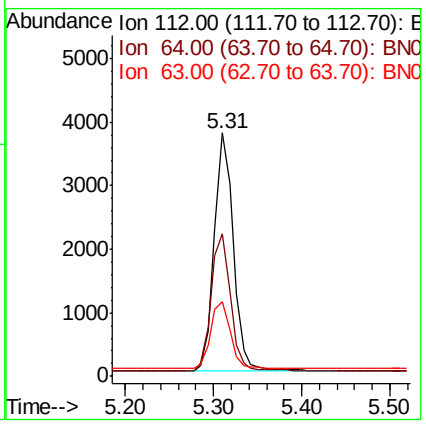


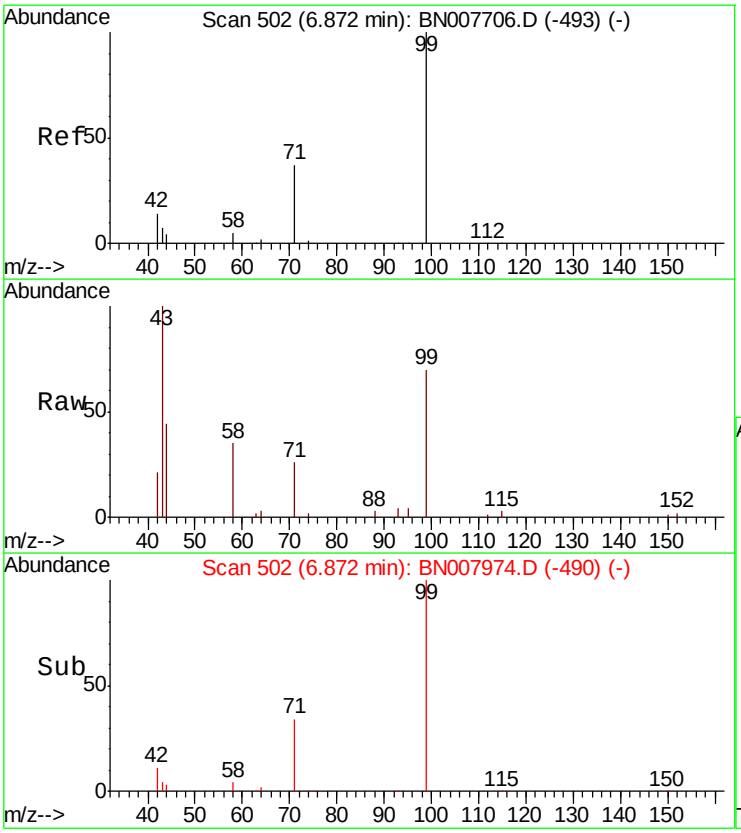
#4
2-Fluorophenol
Concen: 21.348 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 5584

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.6	70.0
63	29.0	23.1	34.7

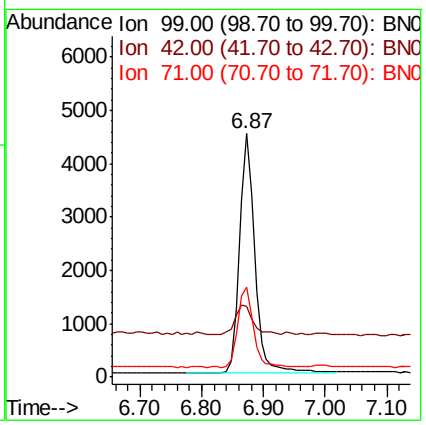


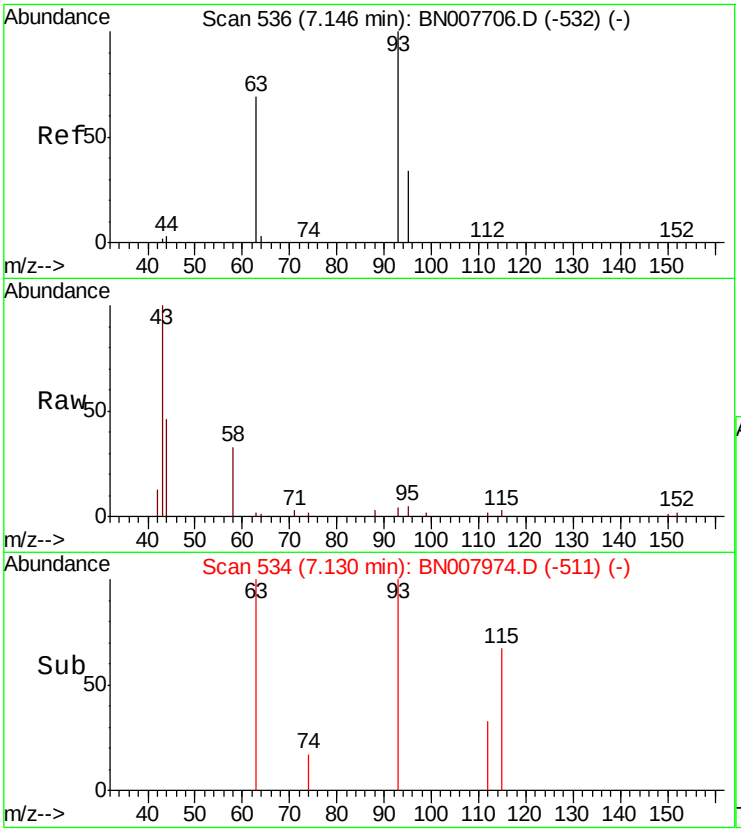


#5
Phenol-d6
Concen: 23.740 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion: 99 Resp: 7621

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.8	19.2
71	34.1	27.6	41.4



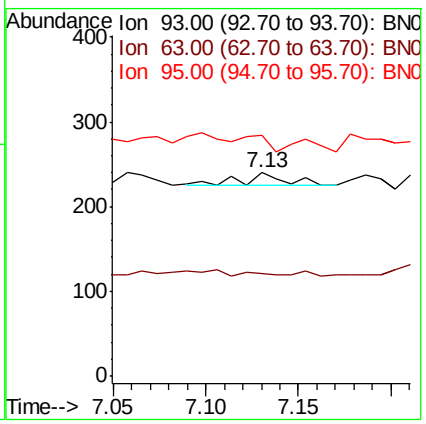


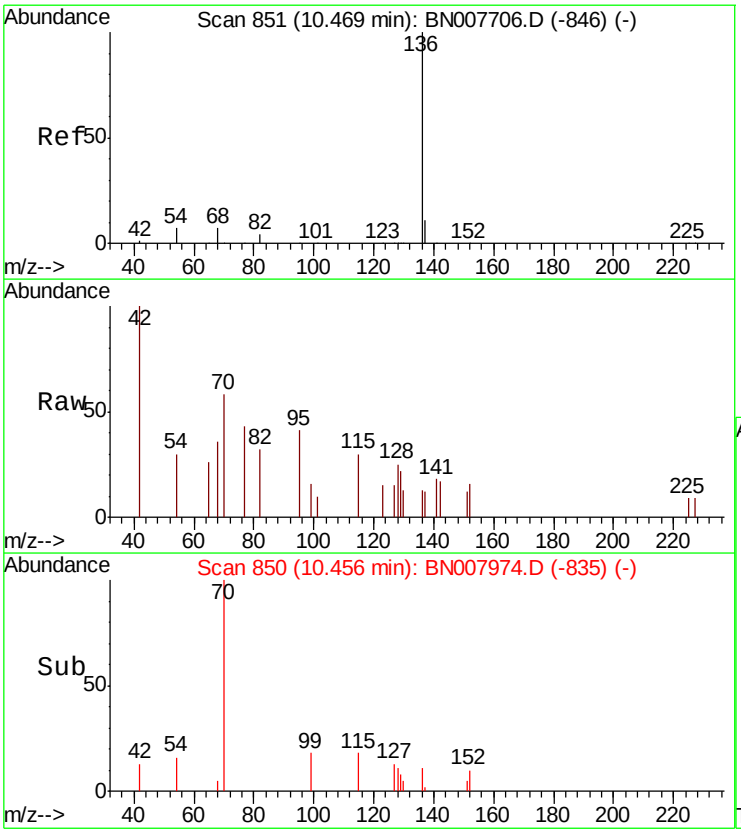
#6
bis(2-Chloroethyl)ether
Concen: 0.121 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 26

Ion	Ratio	Lower	Upper
93	100		
63	0.0	59.3	88.9#
95	0.0	31.4	47.0#

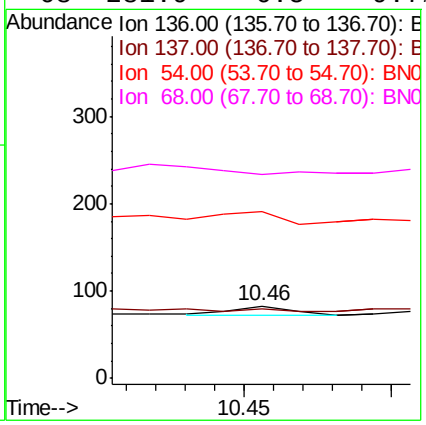


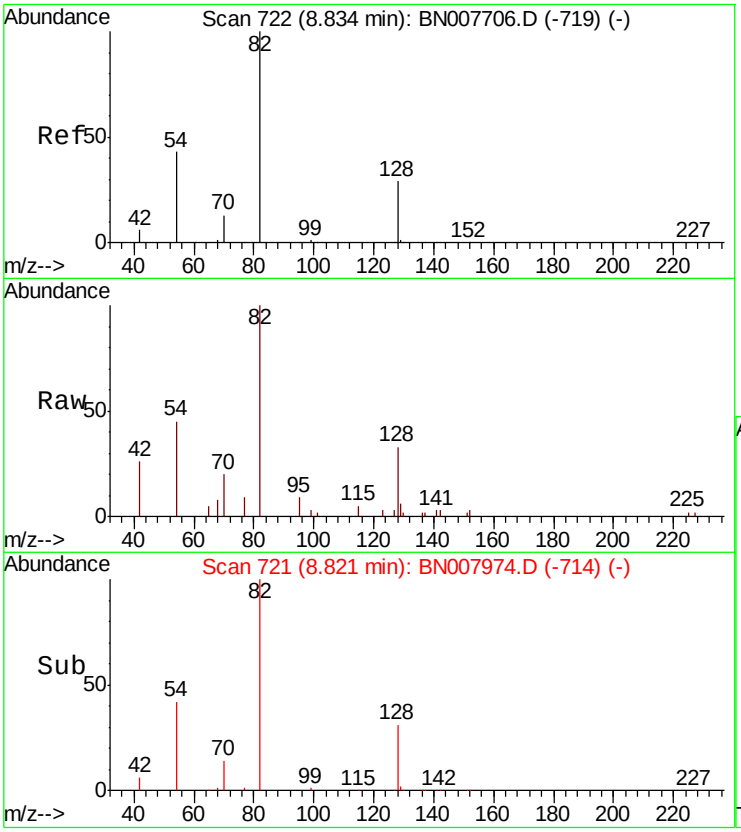


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:136 Resp: 15

Ion	Ratio	Lower	Upper
136	100		
137	96.4	9.2	13.8#
54	230.1	5.8	8.8#
68	281.9	6.5	9.7#



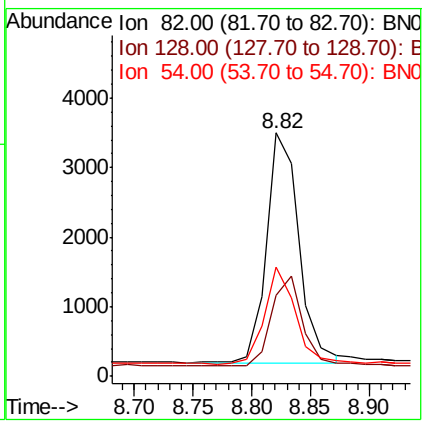


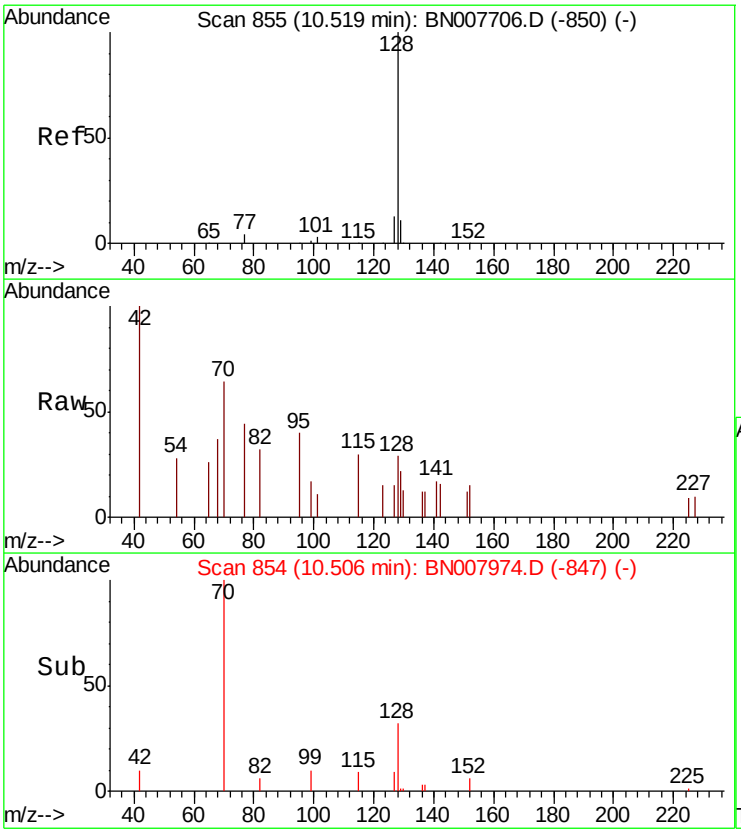
#8
Nitrobenzene-d5
Concen: 483.453 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 6343

Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.5	36.7
54	44.8	35.2	52.8

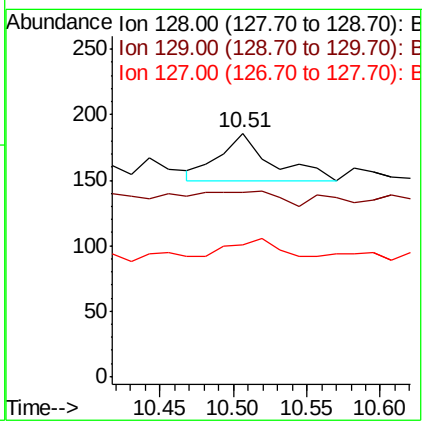


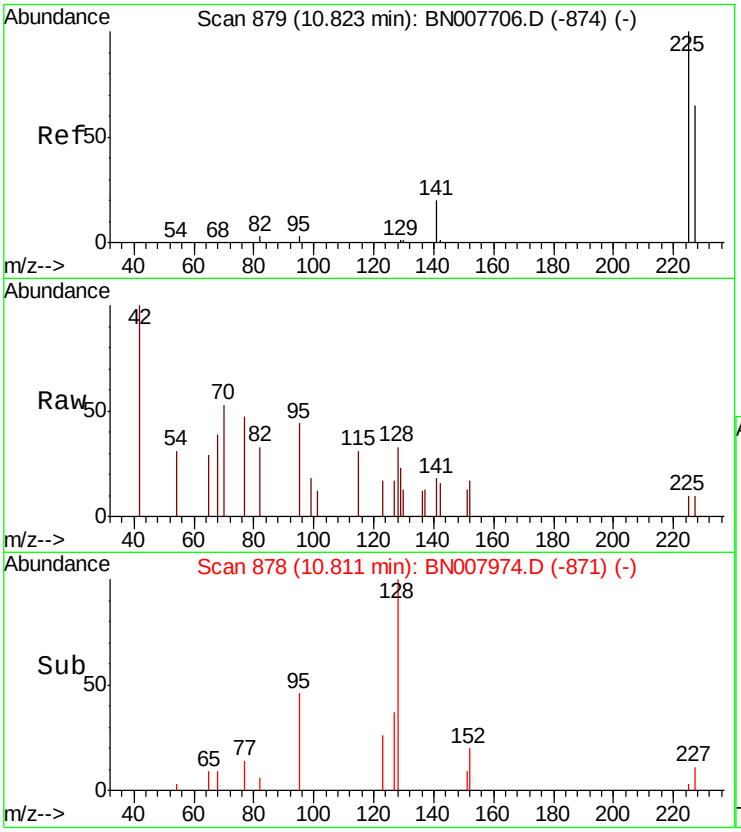


#9
Naphthalene
Concen: 2.043 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:128 Resp: 86

Ion	Ratio	Lower	Upper
128	100		
129	75.8	9.1	13.7#
127	54.3	10.6	15.8#



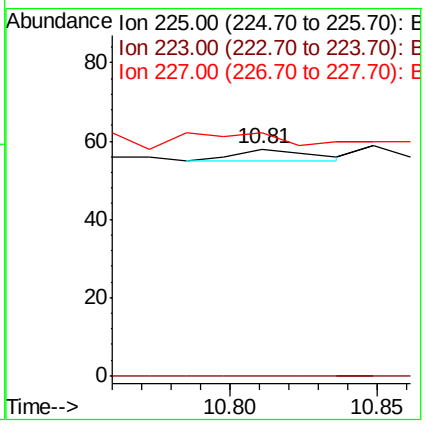


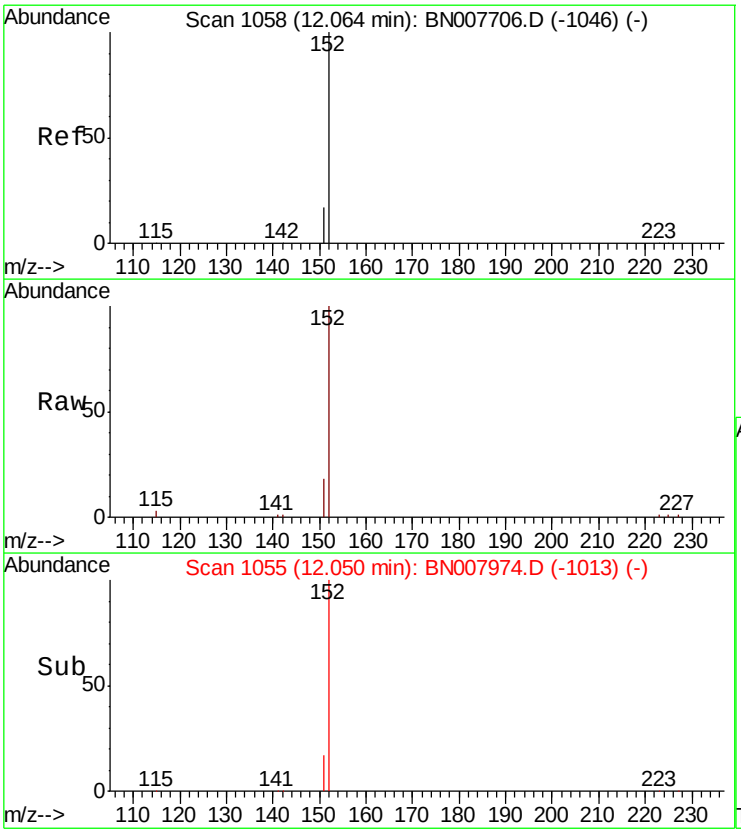
#10
Hexachlorobutadiene
Concen: 0.564 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 5

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

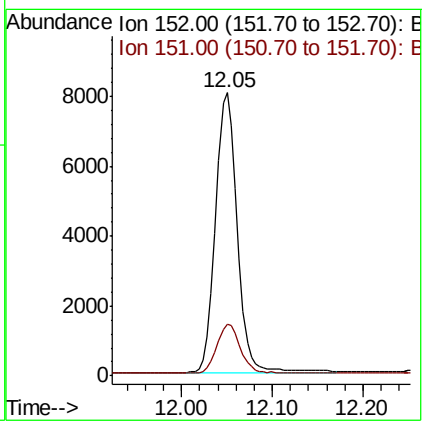


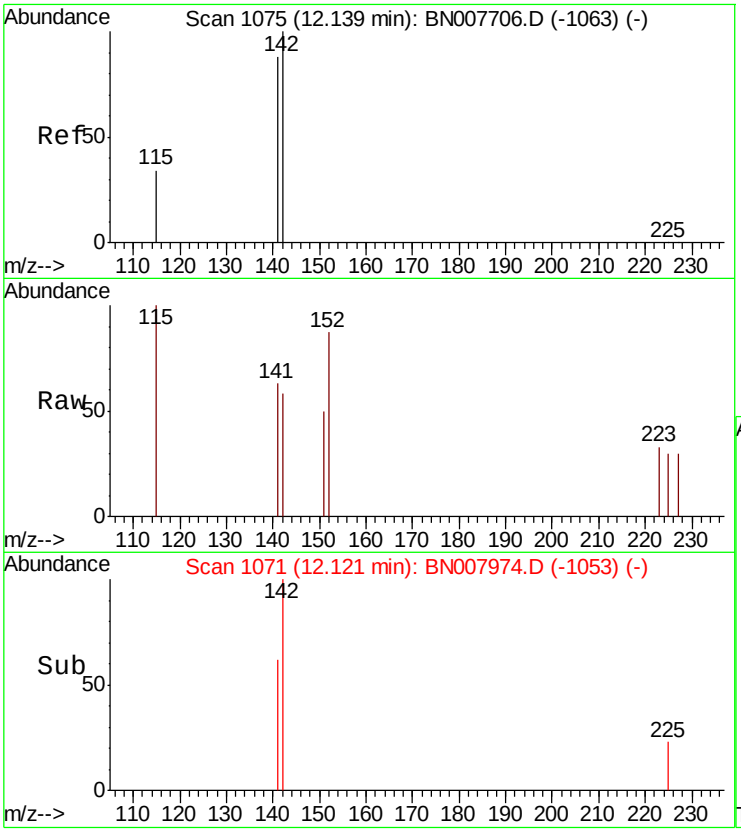


#11
2-Methylnaphthalene-d10
Concen: 525.982 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:152 Resp: 13292

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2



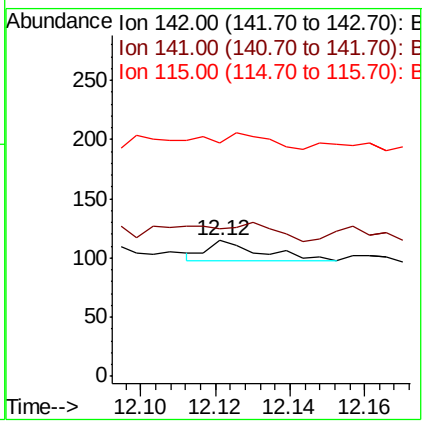


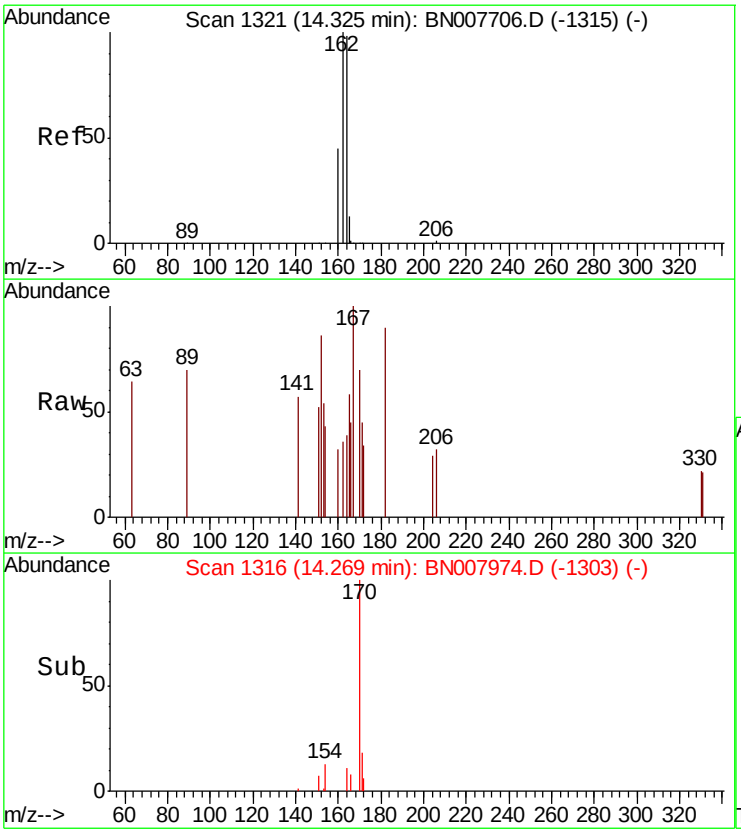
#12
2-Methylnaphthalene
Concen: 0.562 ng
RT: 12.12 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 16

Ion	Ratio	Lower	Upper
142	100		
141	108.7	70.6	106.0#
115	171.3	28.3	42.5#

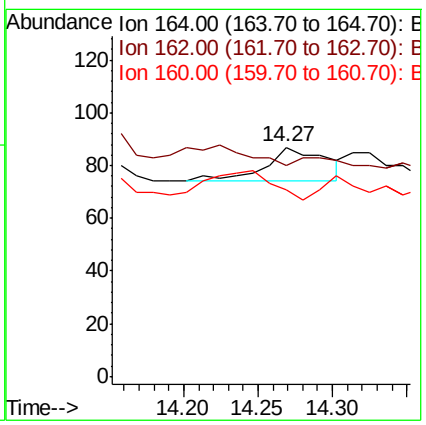


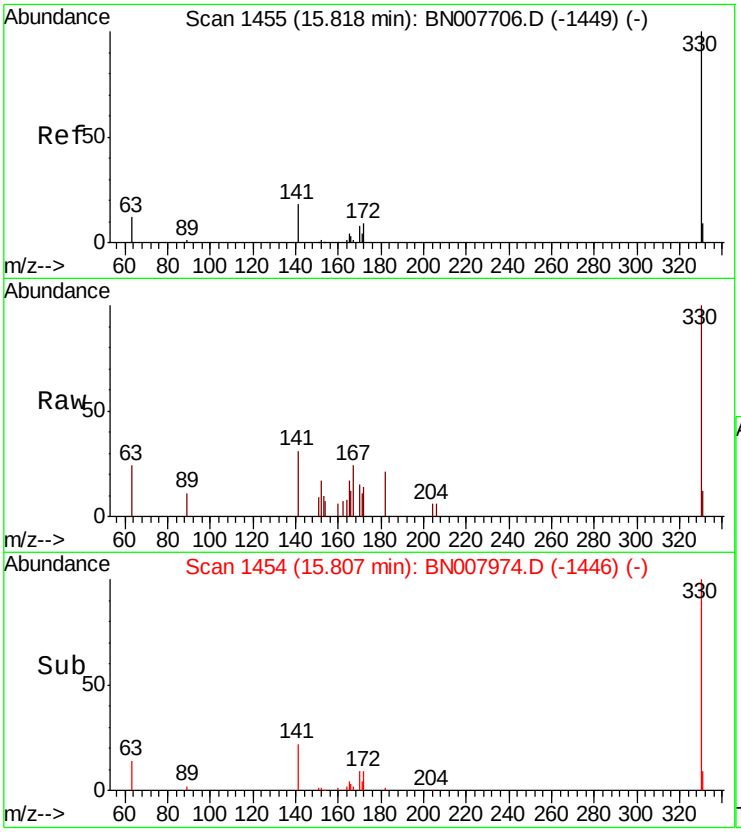


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.06 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:164 Resp: 37

Ion	Ratio	Lower	Upper
164	100		
162	92.0	81.7	122.5
160	81.6	37.0	55.4#



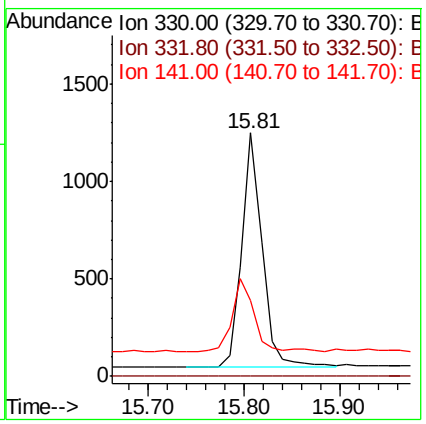


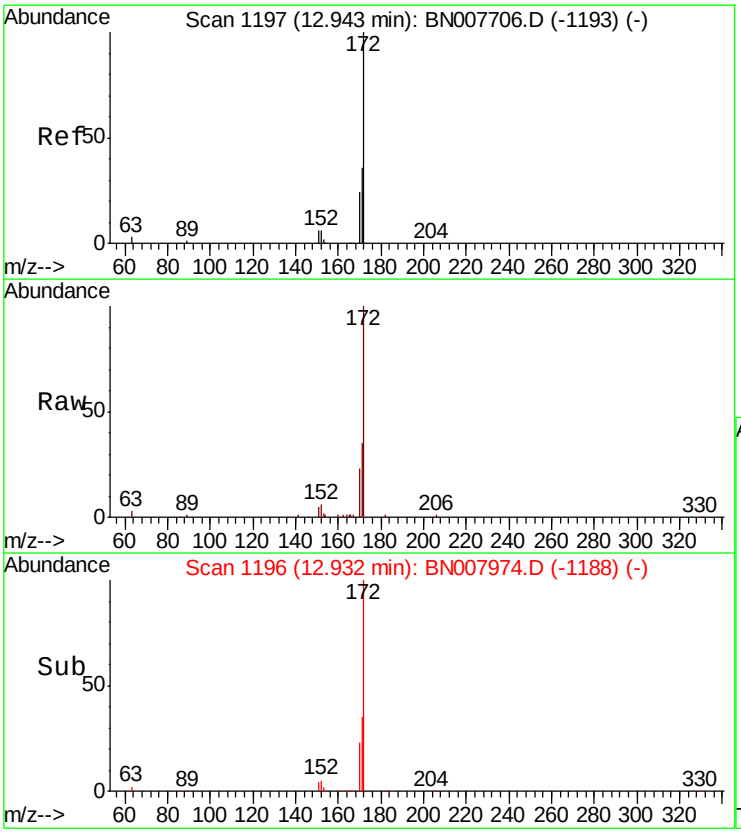
#14
2,4,6-Tribromophenol
Concen: 87.683 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1767

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.4	28.7	43.1

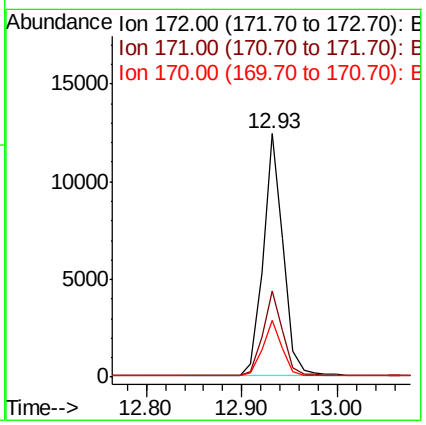


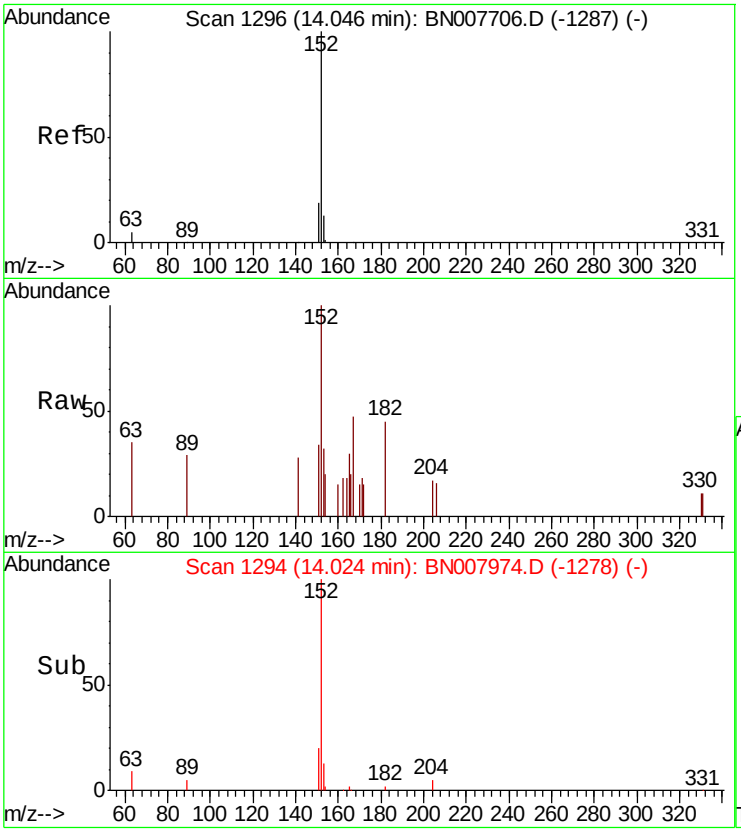


#15
2-Fluorobiphenyl
Concen: 119.041 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:172 Resp: 18141

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.1	19.5	29.3



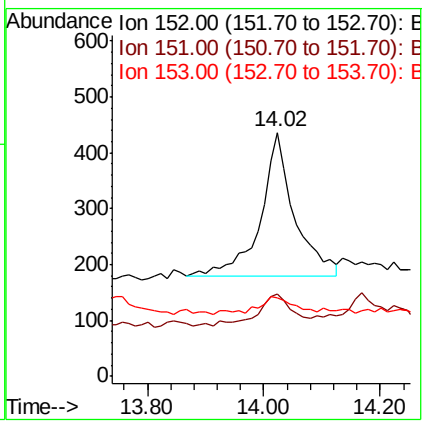


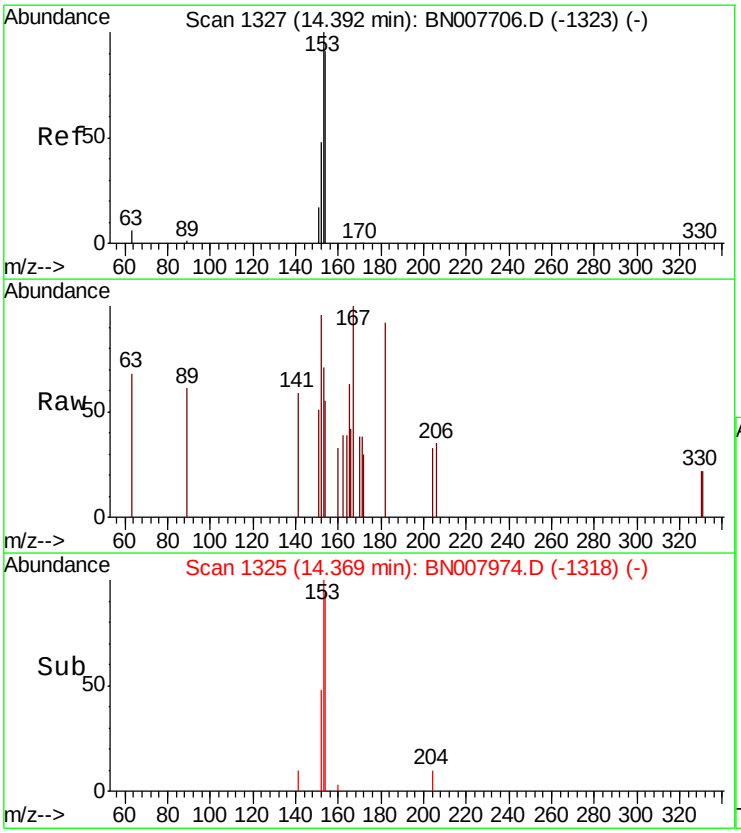
#16
Acenaphthylene
Concen: 5.249 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1030

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	10.3	10.4	15.6#

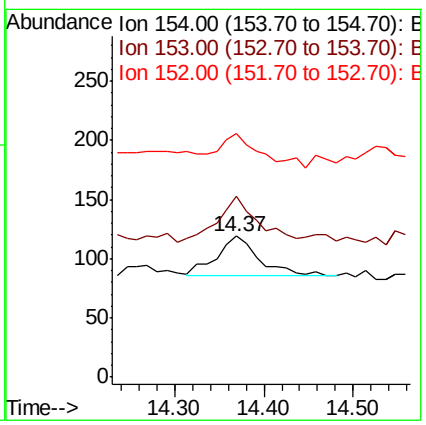


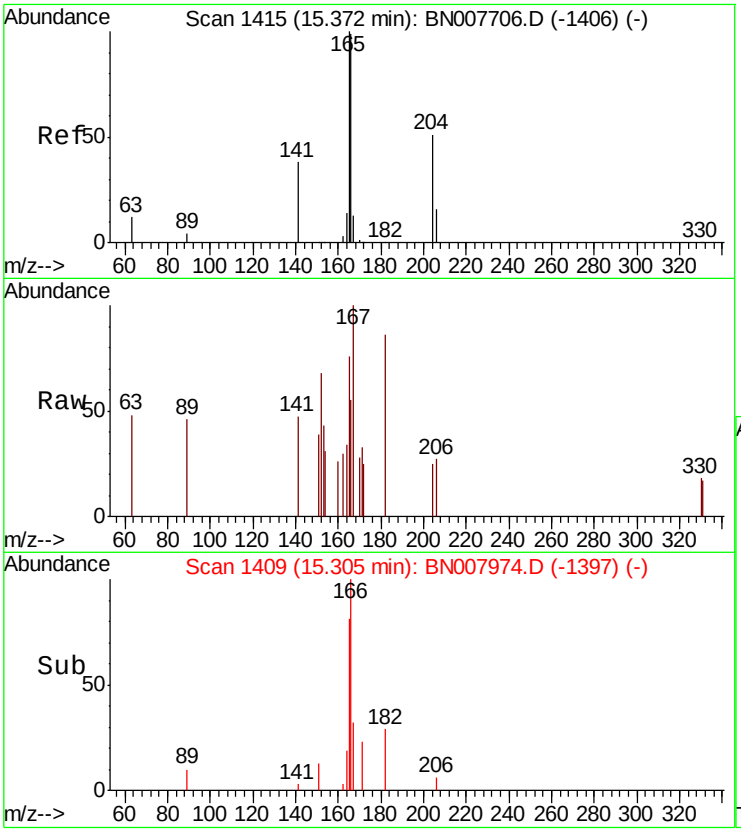


#17
Acenaphthene
Concen: 0.854 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:154 Resp: 108

Ion	Ratio	Lower	Upper
154	100		
153	111.1	87.0	130.4
152	45.4	42.7	64.1



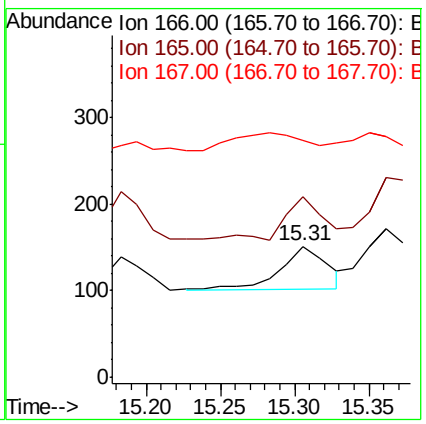


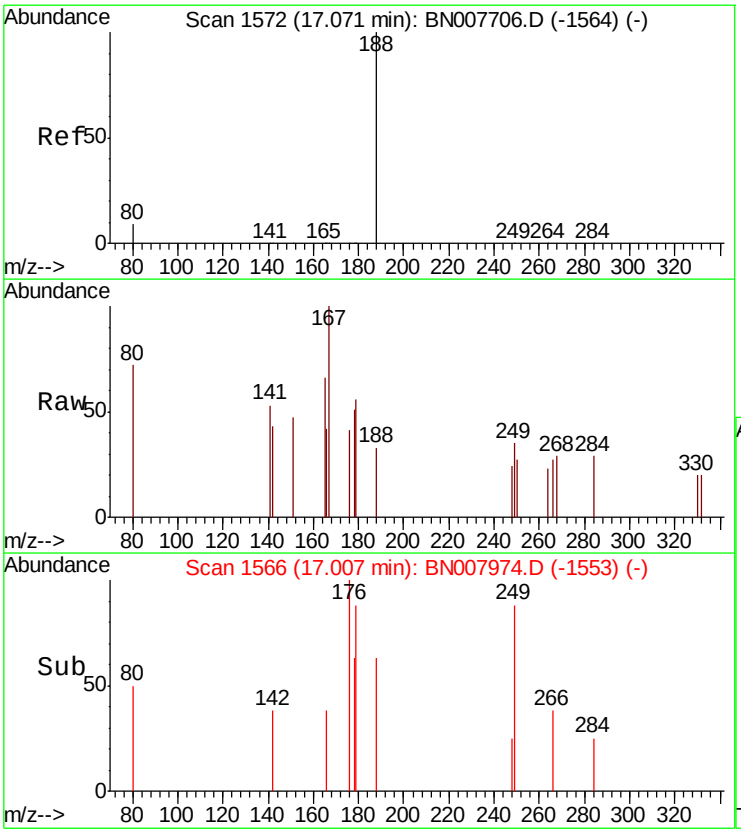
#18
Fluorene
Concen: 0.691 ng
RT: 15.31 min Scan# 1409
Delta R.T. -0.07 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 112

Ion	Ratio	Lower	Upper
166	100		
165	92.0	78.0	117.0
167	0.0	10.9	16.3#

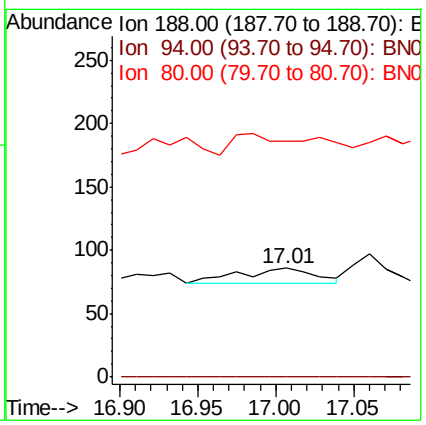


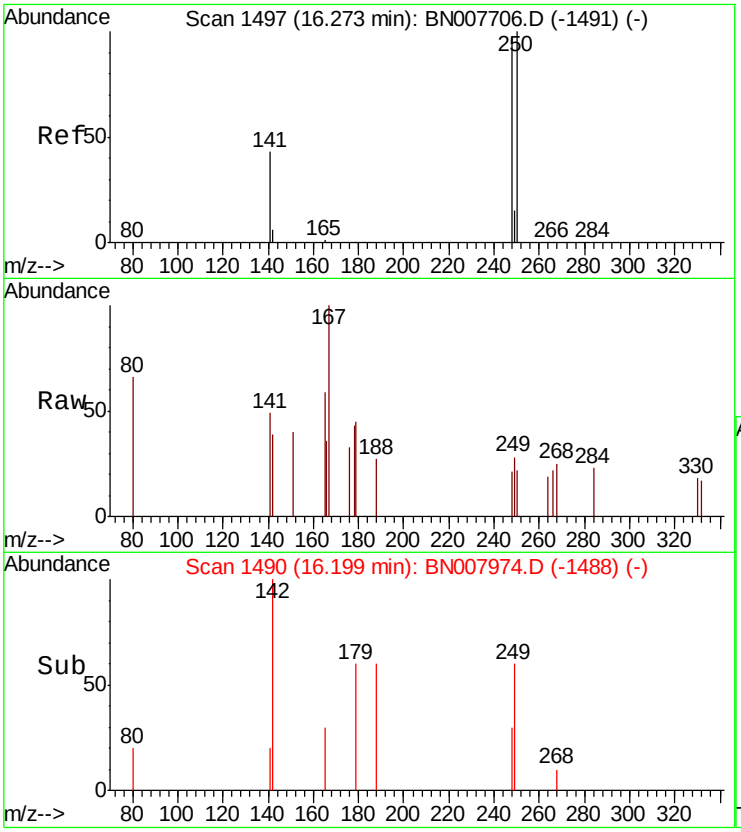


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1566
Delta R.T. -0.06 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:188 Resp: 40

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	216.3	7.4	11.2#



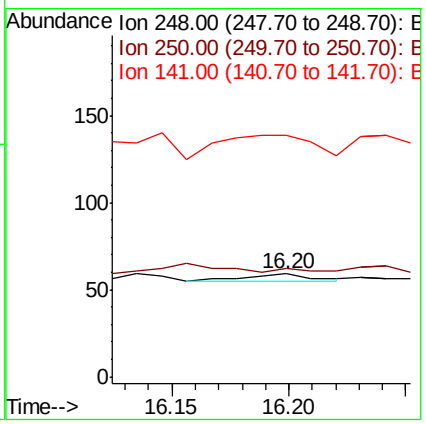


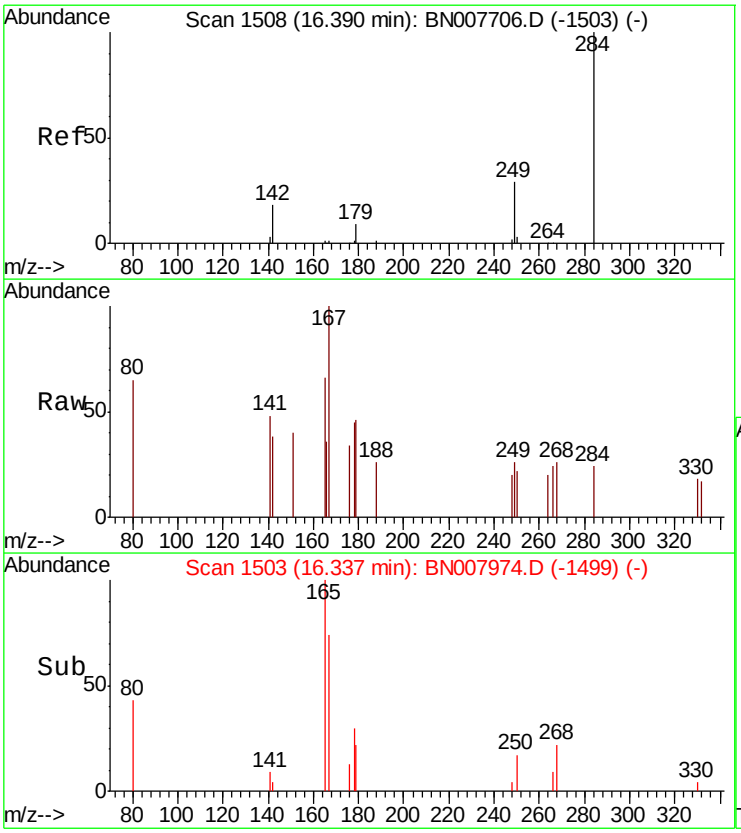
#20
4-Bromophenyl-phenylether
Concen: 0.288 ng
RT: 16.20 min Scan# 1490
Delta R.T. -0.07 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 7

Ion	Ratio	Lower	Upper
248	100		
250	105.1	82.2	123.4
141	235.6	36.3	54.5#

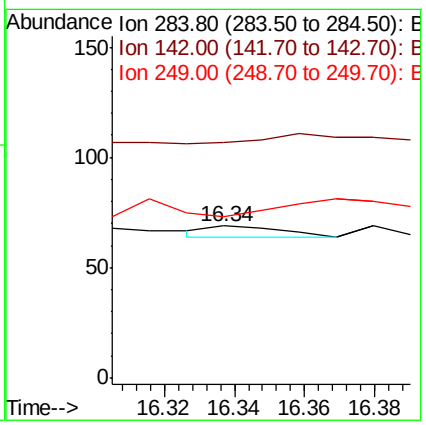


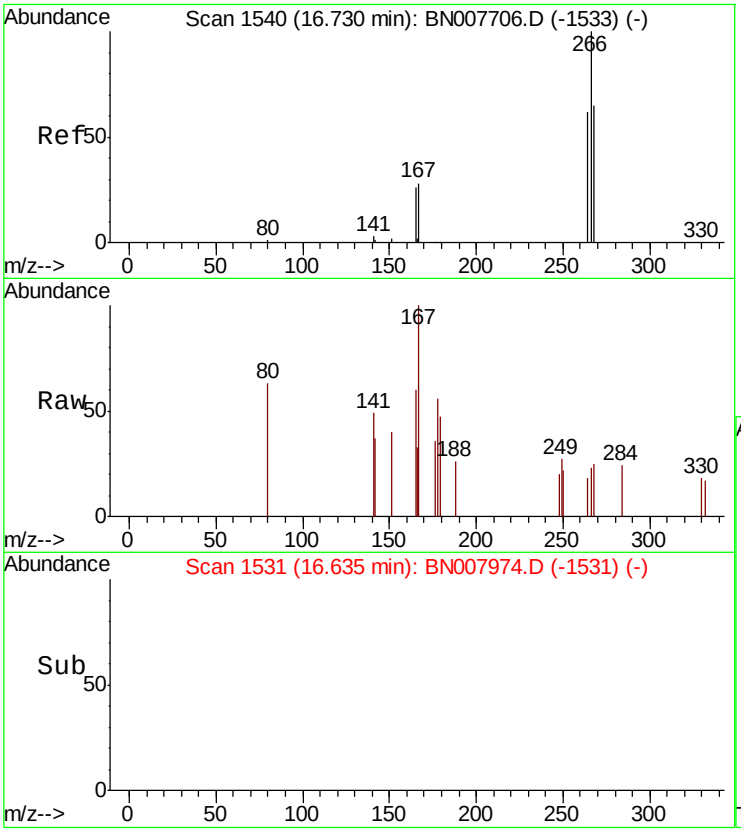


#21
Hexachlorobenzene
Concen: 0.264 ng
RT: 16.34 min Scan# 1503
Delta R.T. -0.05 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:284 Resp: 7

Ion	Ratio	Lower	Upper
284	100		
142	0.0	25.8	38.6#
249	0.0	25.9	38.9#



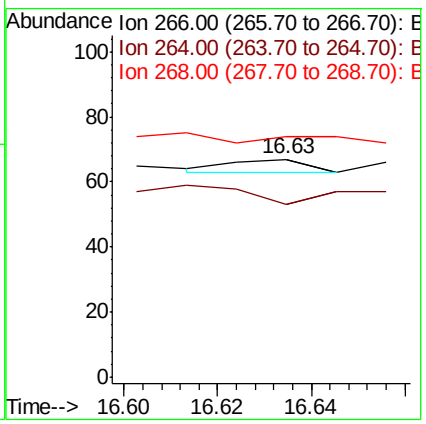


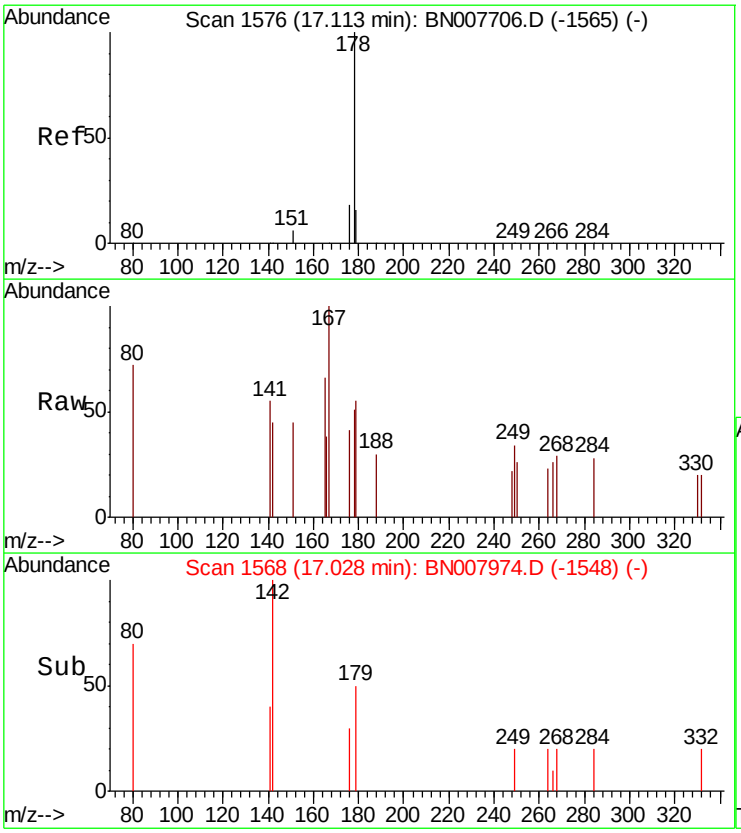
#22
Pentachlorophenol
Concen: 0.409 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.10 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	79.1	50.0	75.0#
268	110.4	54.2	81.4#

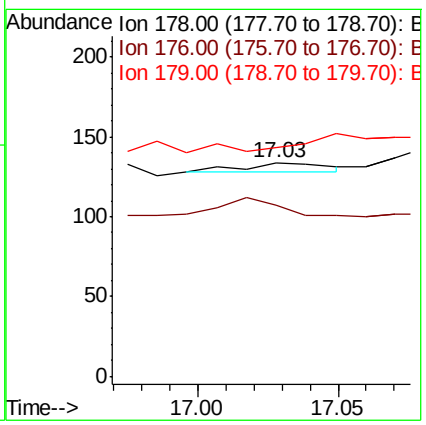


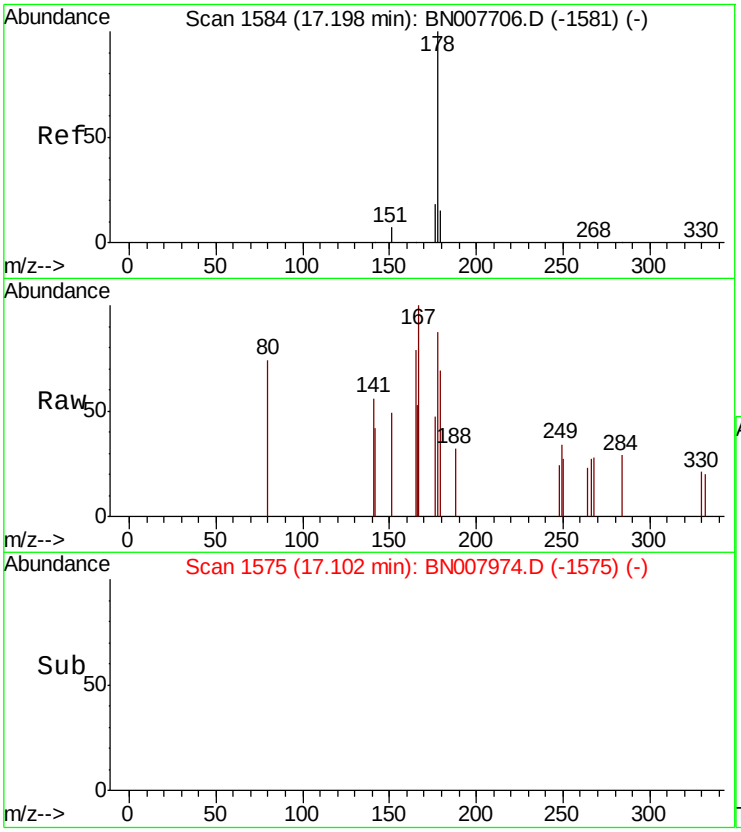


#23
Phenanthrene
Concen: 0.096 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.09 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:178 Resp: 12

Ion	Ratio	Lower	Upper
178	100		
176	258.3	14.9	22.3#
179	0.0	12.5	18.7#



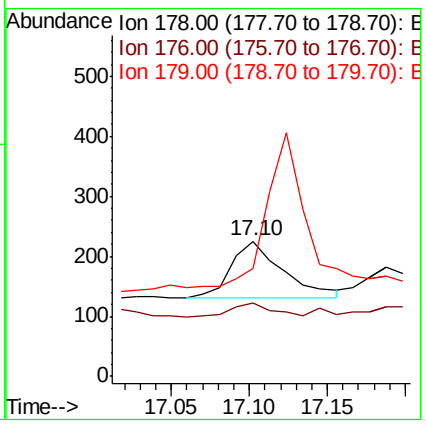


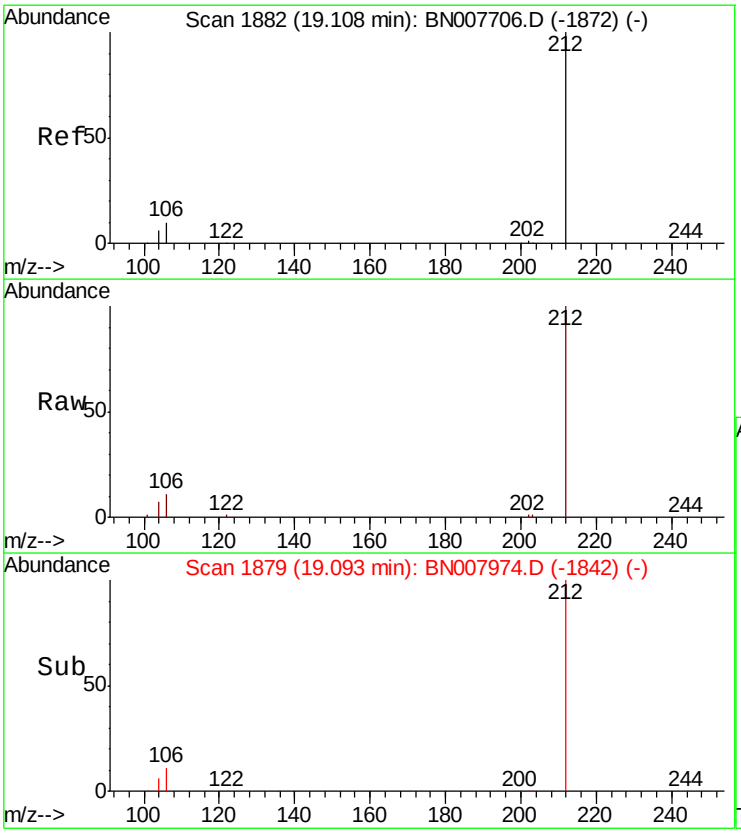
#24
Anthracene
Concen: 1.928 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.10 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 217

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	0.0	12.2	18.4#

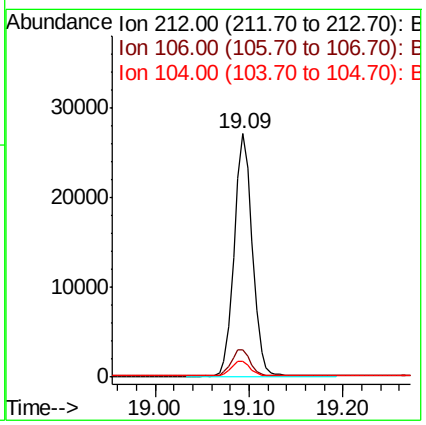


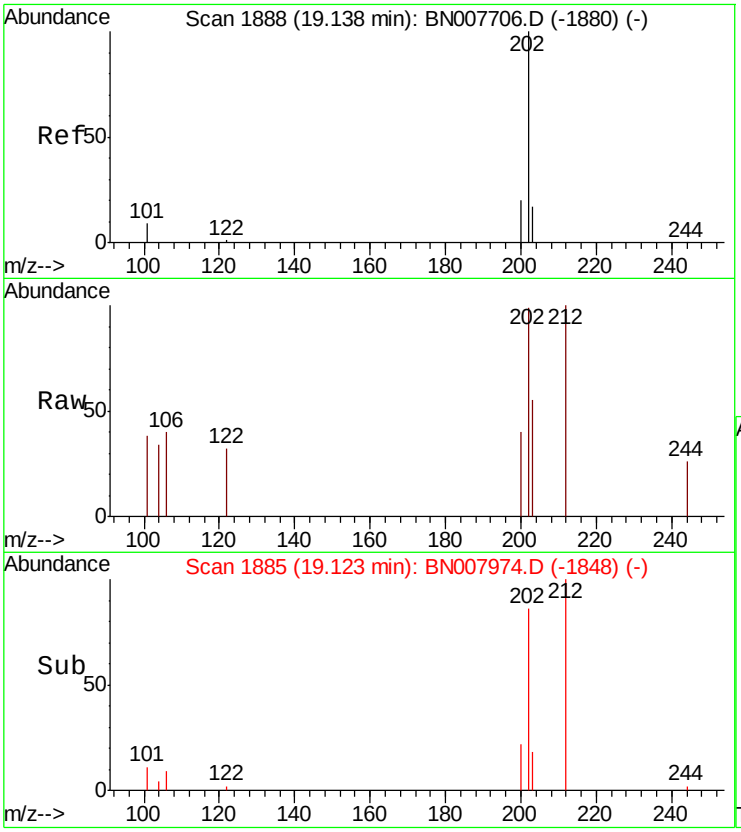


#25
Fluoranthene-d10
Concen: 267.676 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:212 Resp: 36087

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.4	14.0
104	6.5	5.3	7.9



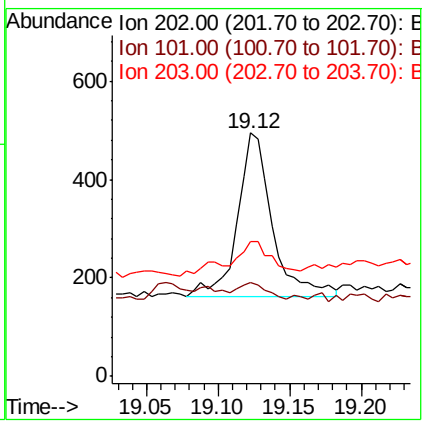


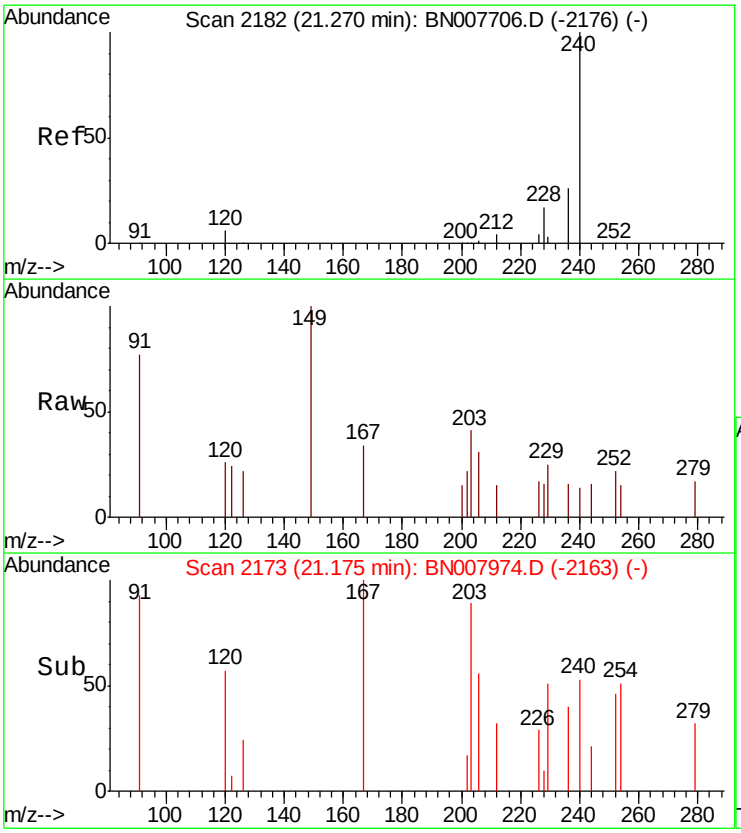
#26
Fluoranthene
Concen: 3.647 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 565

Ion	Ratio	Lower	Upper
202	100		
101	8.7	8.4	12.6
203	14.5	13.8	20.8

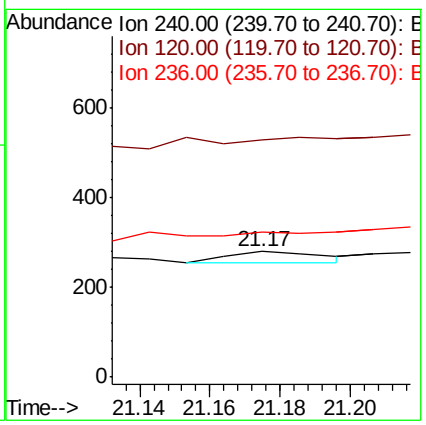


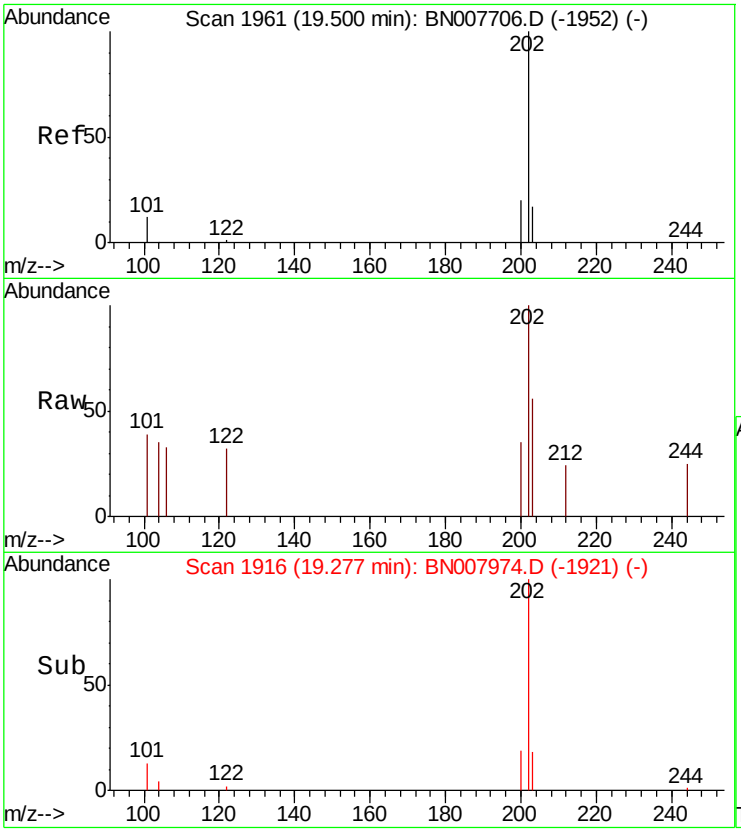


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.10 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:240 Resp: 44

Ion	Ratio	Lower	Upper
240	100		
120	188.9	5.4	8.2#
236	115.4	21.0	31.4#



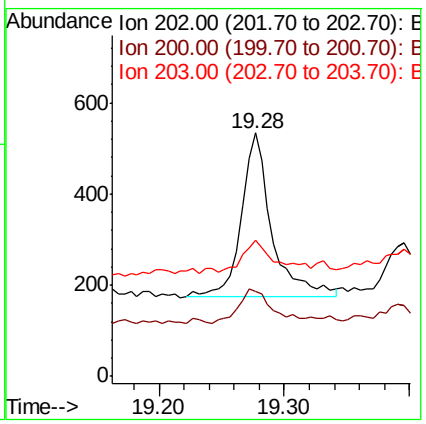


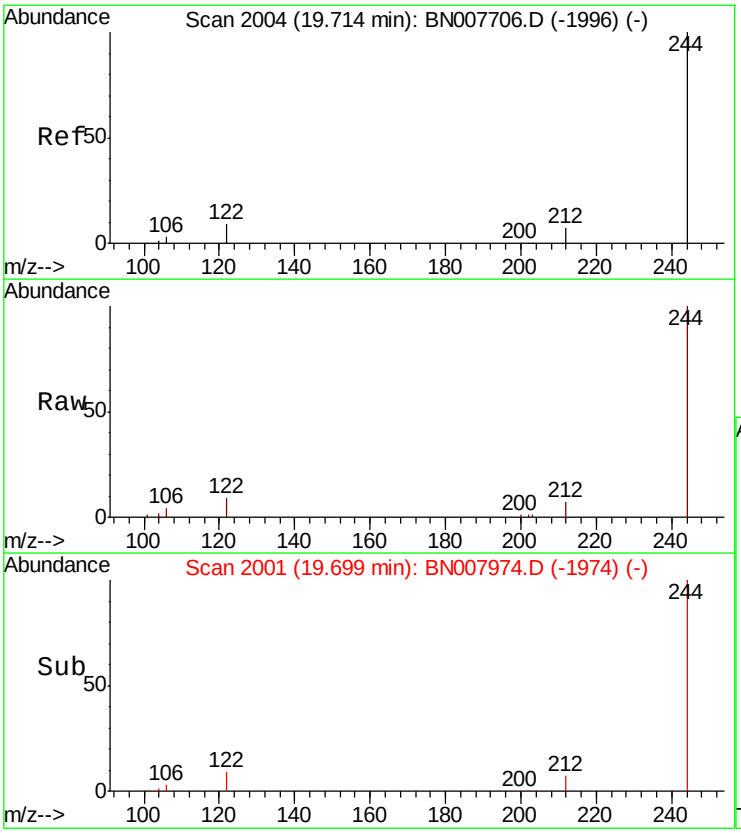
#28
Pyrene
Concen: 3.985 ng
RT: 19.28 min Scan# 1916
Delta R.T. -0.22 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 598

Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.4	24.6
203	20.2	14.1	21.1

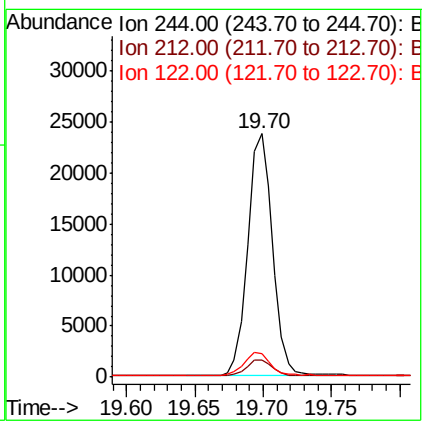


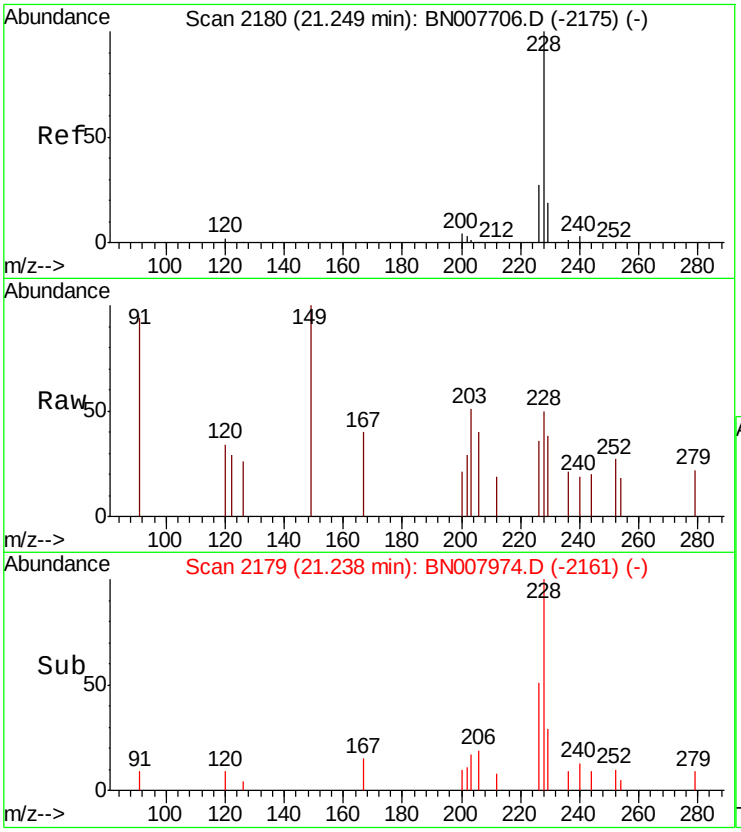


#29
Terphenyl-d14
Concen: 276.701 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:244 Resp: 29905

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.5	7.4	11.2



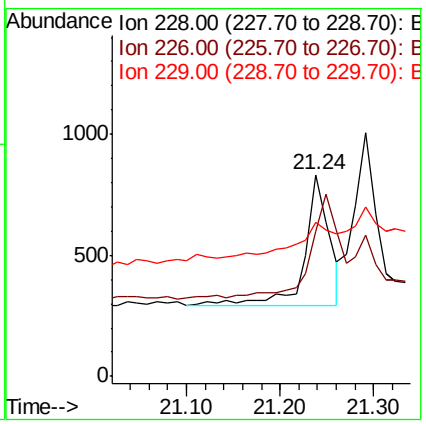


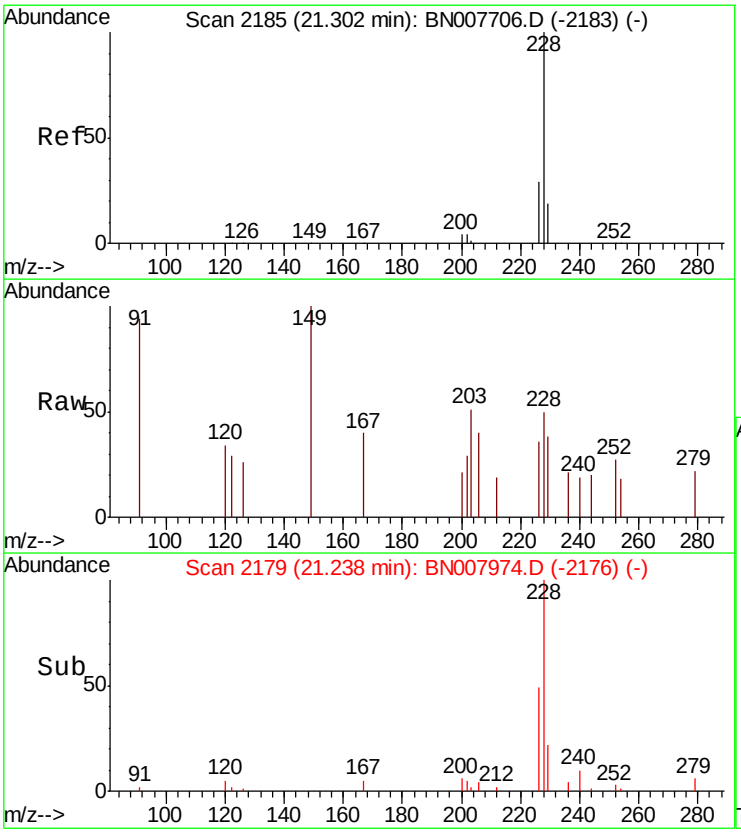
#30
Benzo(a)anthracene
Concen: 5.919 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 959

Ion	Ratio	Lower	Upper
228	100		
226	71.7	22.1	33.1#
229	76.5	15.8	23.6#

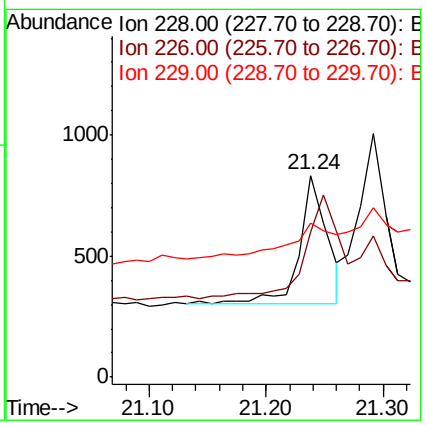


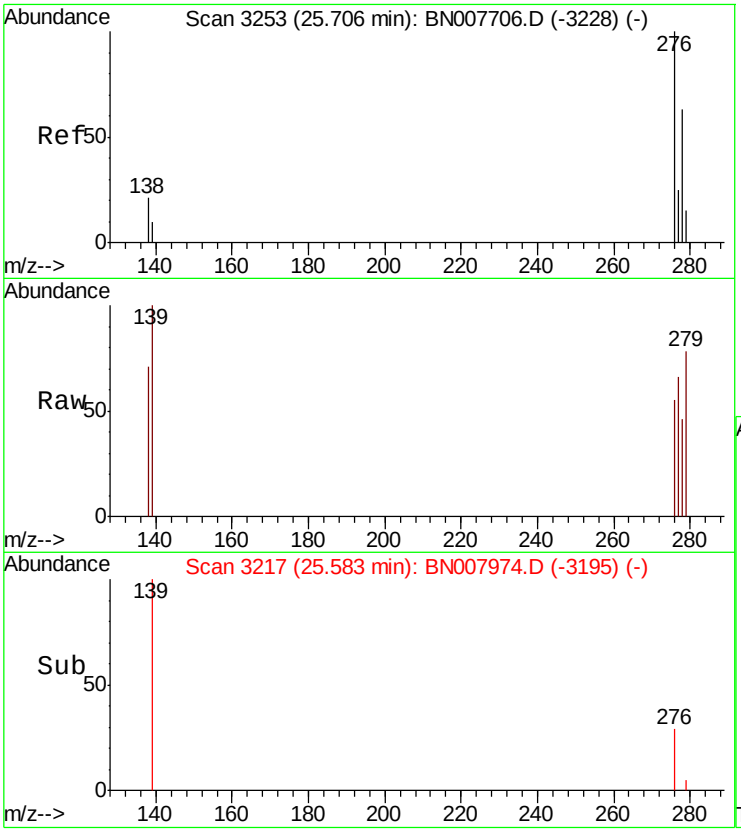


#31
Chrysene
Concen: 5.573 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.06 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:228 Resp: 880

Ion	Ratio	Lower	Upper
228	100		
226	71.7	23.9	35.9#
229	76.5	15.8	23.6#



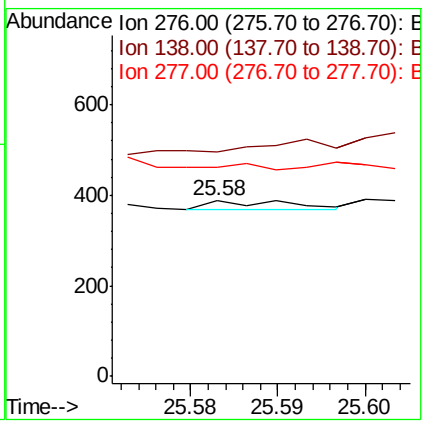


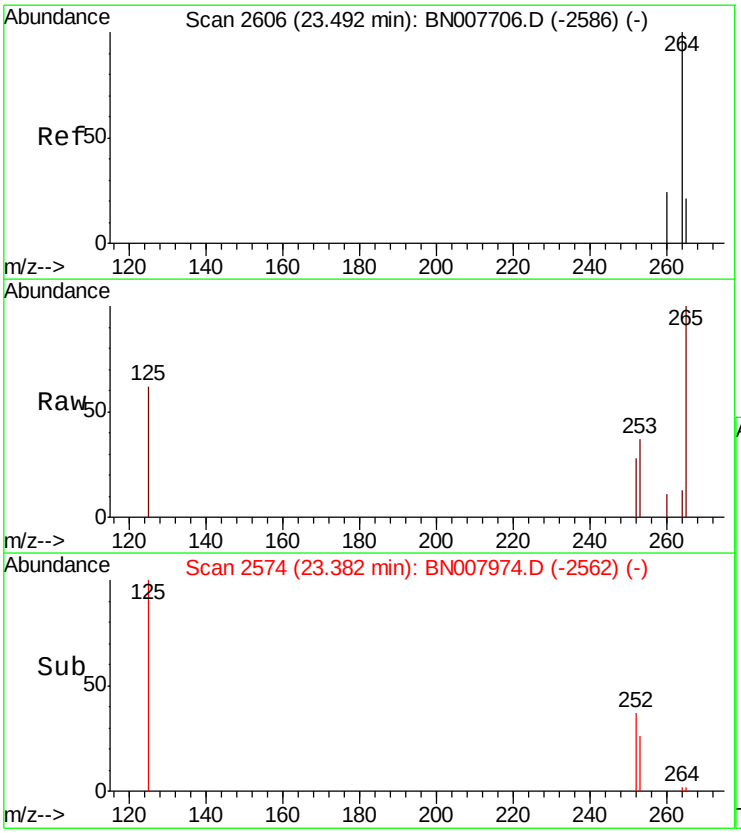
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng
RT: 25.58 min Scan# 3217
Delta R.T. -0.12 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 12

Ion	Ratio	Lower	Upper
276	100		
138	0.0	17.1	25.7#
277	66.7	20.0	30.0#

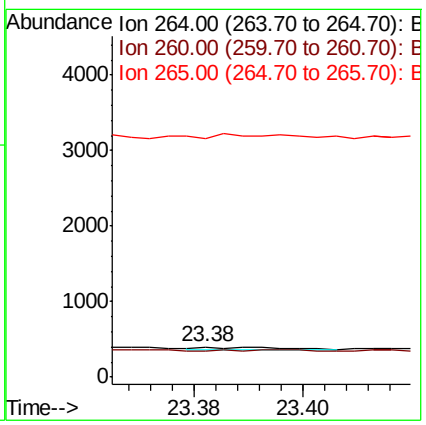


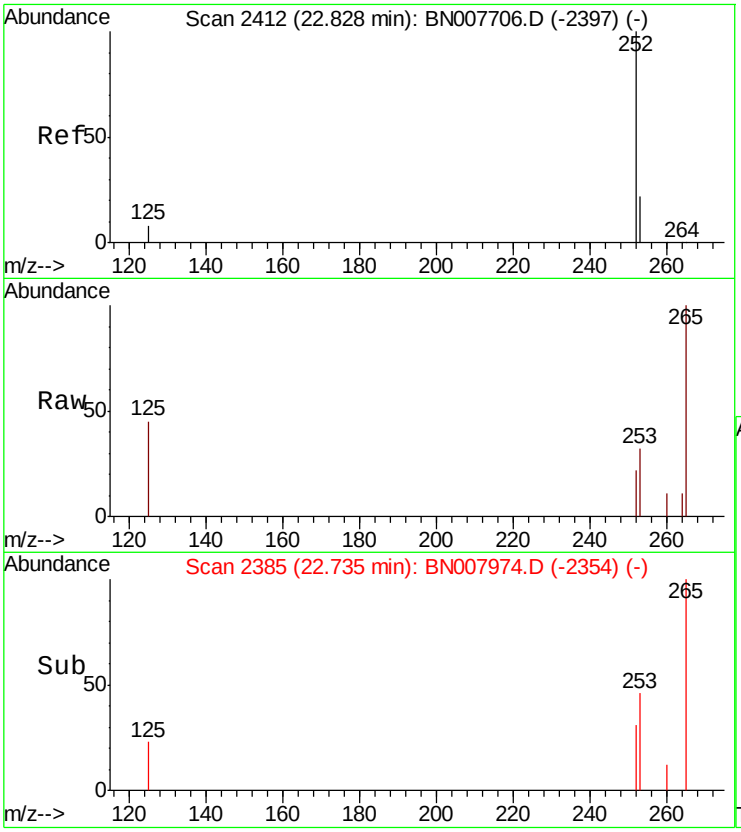


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.38 min Scan# 2574
Delta R.T. -0.11 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:264 Resp: 26

Ion	Ratio	Lower	Upper
264	100		
260	87.8	19.3	28.9#
265	790.5	26.9	40.3#



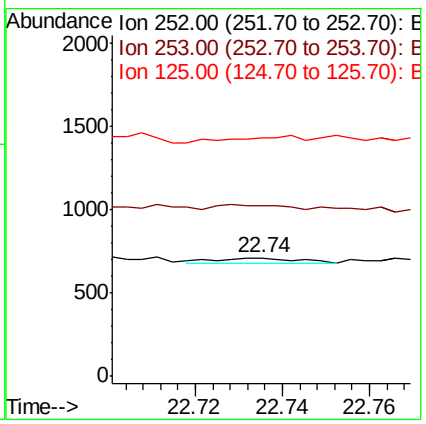


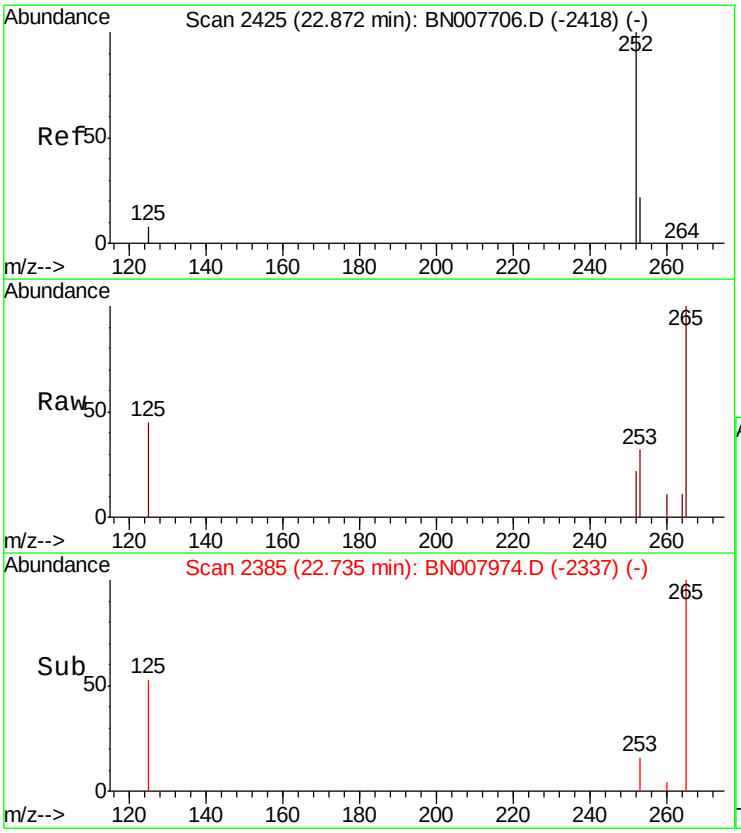
#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 22.74 min Scan# 2385
Delta R.T. -0.09 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 36

Ion	Ratio	Lower	Upper
252	100		
253	144.6	18.3	27.5#
125	201.7	8.2	12.4#

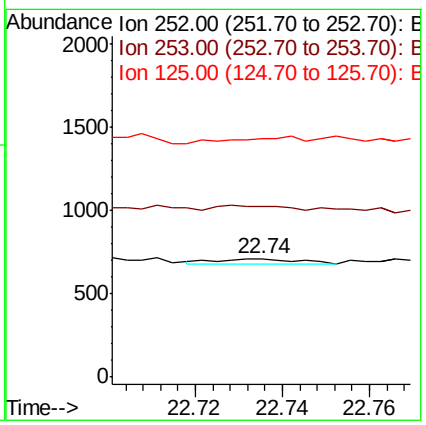


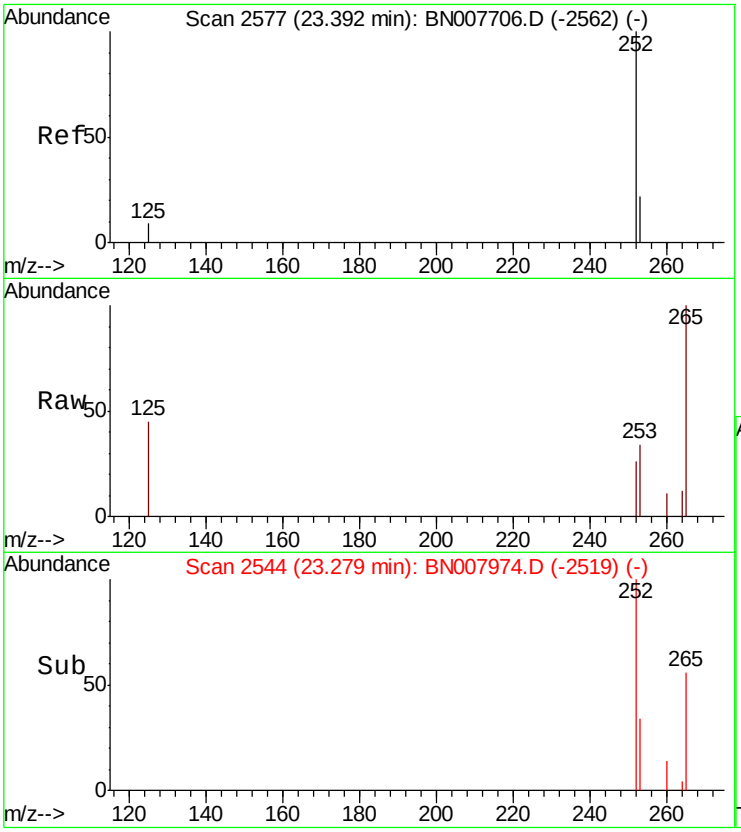


#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 22.74 min Scan# 2385
Delta R.T. -0.14 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:252 Resp: 36

Ion	Ratio	Lower	Upper
252	100		
253	144.6	18.5	27.7#
125	201.7	8.4	12.6#



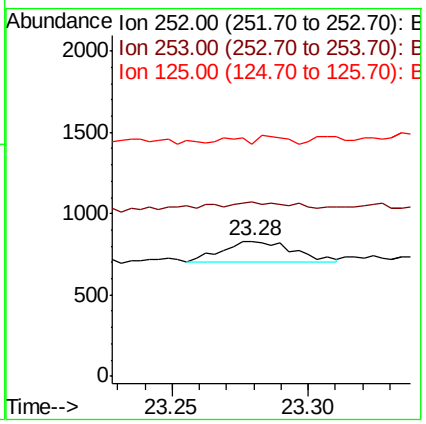


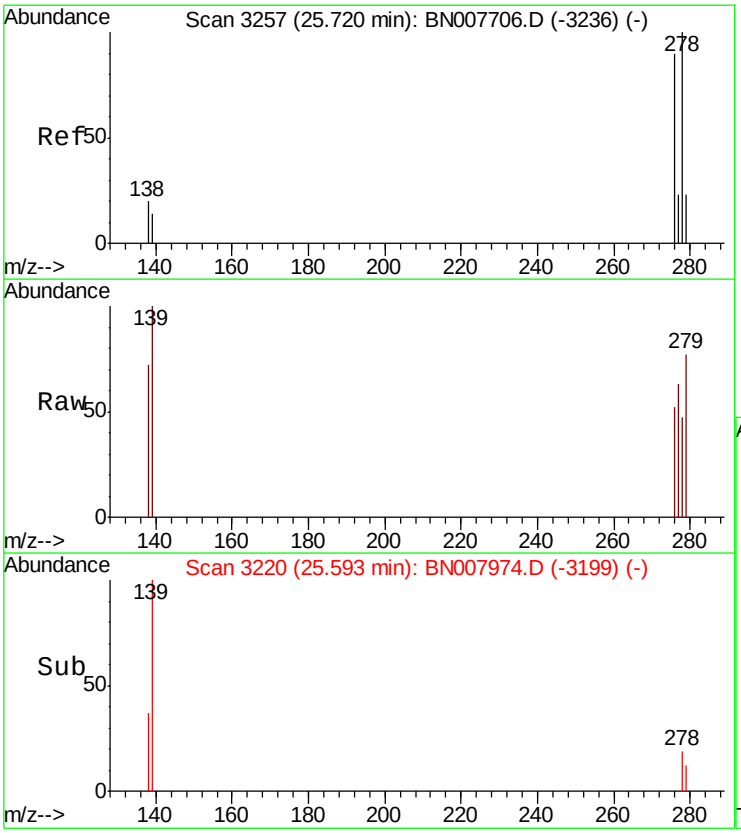
#37
Benzo(a)pyrene
Concen: 2.676 ng
RT: 23.28 min Scan# 2544
Delta R.T. -0.11 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 227

Ion	Ratio	Lower	Upper
252	100		
253	129.0	18.6	27.8#
125	171.9	9.4	14.0#

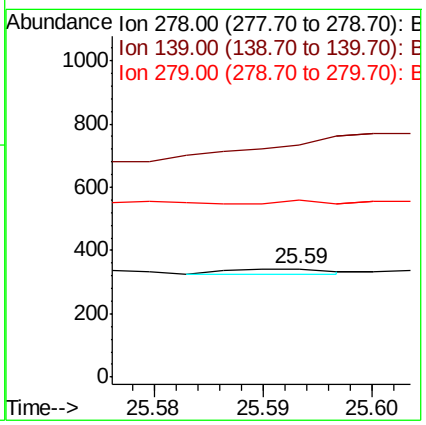


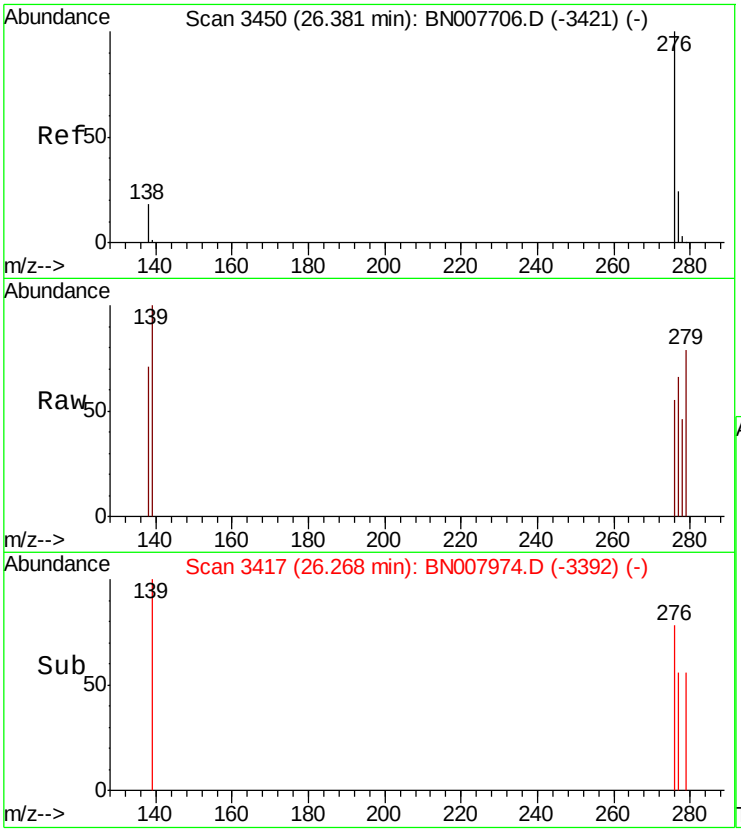


#38
Dibenzo(a,h)anthracene
Concen: 0.127 ng
RT: 25.59 min Scan# 3220
Delta R.T. -0.13 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Tgt Ion:278 Resp: 11

Ion	Ratio	Lower	Upper
278	100		
139	213.4	11.8	17.6#
279	163.3	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.151 ng
RT: 26.27 min Scan# 3417
Delta R.T. -0.11 min
Lab File: BN007974.D
Acq: 02 Oct 2019 20:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 13

Ion	Ratio	Lower	Upper
276	100		
277	120.3	19.8	29.8#
138	130.5	15.1	22.7#