Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007972.D
Acq On : 02 Oct 2019 19:05
Operator : JU
Sample : K5078-08DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 03 06:47:15 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	5858	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	24413	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	15802	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	34152	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	35927	0.40	ng		0.00
34) Perylene-d12	23.47	264	38765	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	1989	0.10	ng		0.00
5) Phenol-d6	6.87	99	2660	0.10	ng		0.00
8) Nitrobenzene-d5	8.82	82	2300	0.11	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	4698	0.11	ng		-0.01
14) 2,4,6-Tribromophenol	15.80	330	917	0.11	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	6466	0.10	ng		-0.02
25) Fluoranthene-d10	19.10	212	12310	0.11	ng		-0.01
29) Terphenyl-d14	19.70	244	10177	0.12	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.99	42	4980	1.665	ng		89
6) bis(2-Chloroethyl)ether	7.15	93	751	0.045	ng	#	21
9) Naphthalene	10.51	128	2996	0.044	ng	#	85
12) 2-Methylnaphthalene	12.13	142	2752	0.059	ng	#	94
16) Acenaphthylene	14.03	152	26907	0.321	ng		99
17) Acenaphthene	14.38	154	15776	0.292	ng		96
18) Fluorene	15.37	166	22905	0.331	ng		97
23) Phenanthrene	17.10	178	464105	4.362	ng		100
24) Anthracene	17.18	178	61578	0.641	ng	#	96
26) Fluoranthene	19.12	202	693226	5.240	ng		99
28) Pyrene	19.49	202	572065	4.669	ng		96
30) Benzo(a)anthracene	21.24	228	242772	1.835	ng		98
31) Chrysene	21.29	228	258151	2.002	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	21206	0.312	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.68	276	161235	0.999	ng		95
35) Benzo(b)fluoranthene	22.82	252	332457	2.470	ng		99
36) Benzo(k)fluoranthene	22.82	252	332457	2.498	ng		99
37) Benzo(a)pyrene	23.38	252	213557	1.689	ng		100
38) Dibenzo(a,h)anthracene	25.69	278	38054	0.294	ng	#	86
39) Benzo(g,h,i)perylene	26.36	276	159588	1.246	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
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Acq On : 02 Oct 2019 19:05
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 03 06:47:15 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
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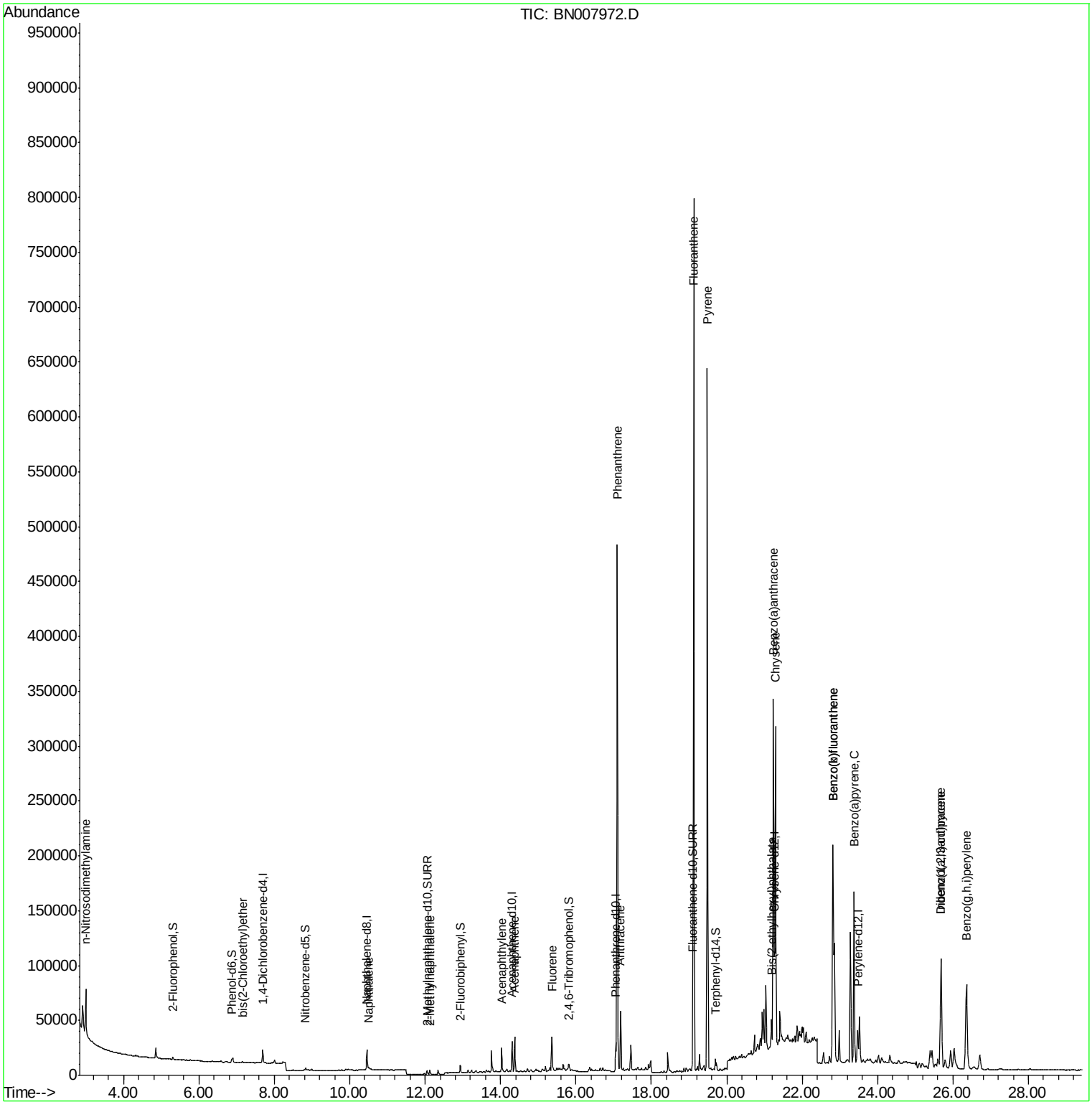
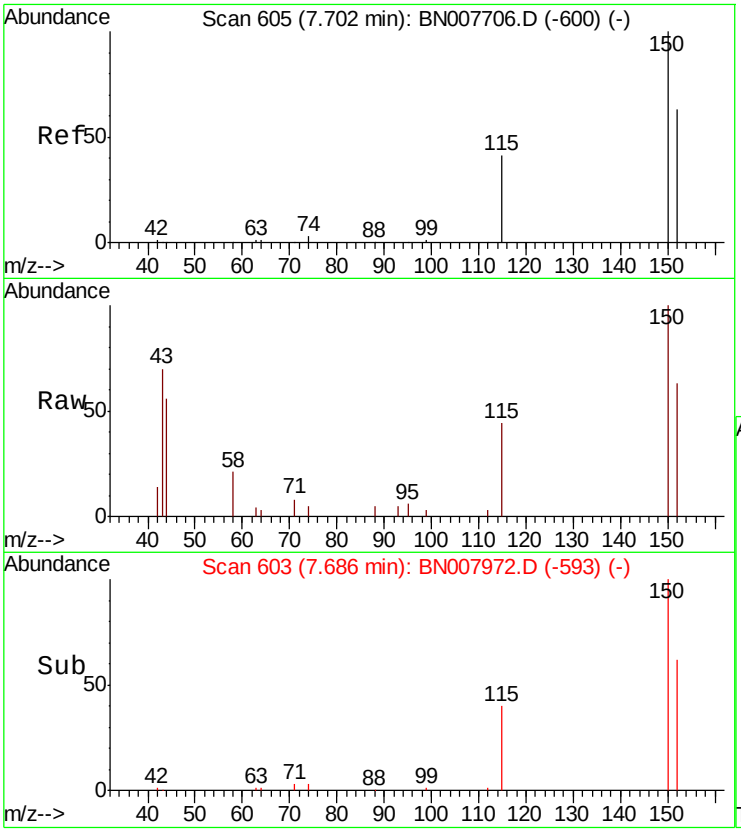


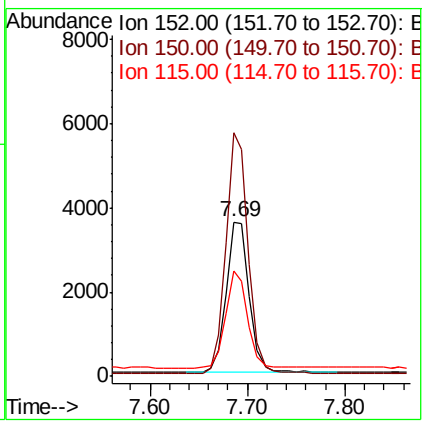


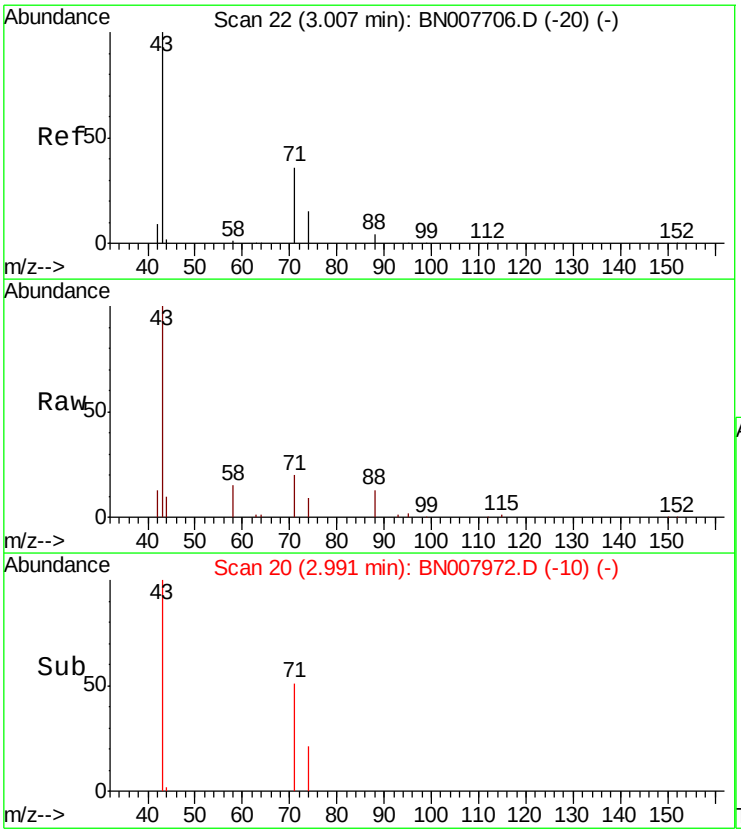
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5858

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.6	188.4
115	68.6	53.3	79.9

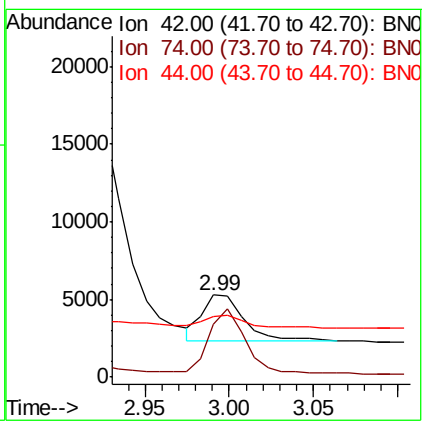


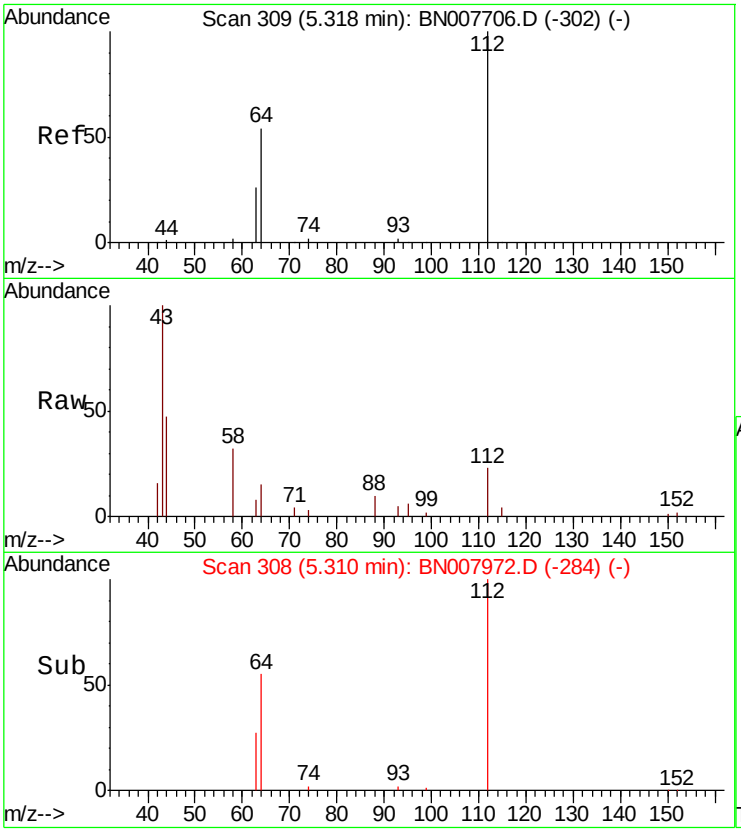


#3
n-Nitrosodimethylamine
Concen: 1.665 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion: 42 Resp: 4980

Ion	Ratio	Lower	Upper
42	100		
74	123.6	87.9	131.9
44	33.1	29.4	44.0



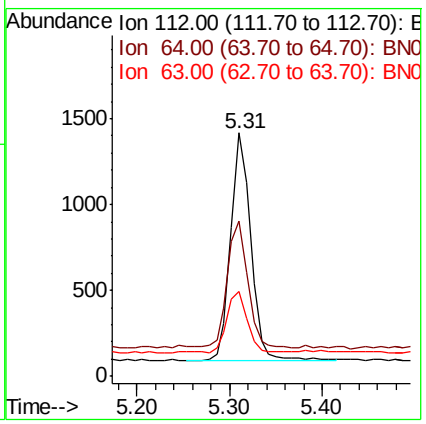


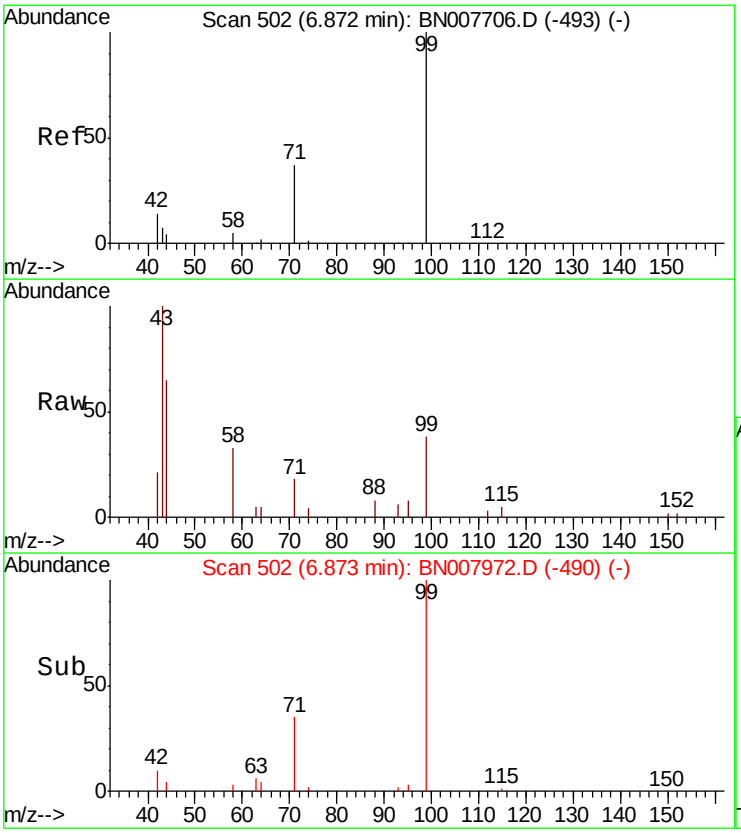
#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1989

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.6	70.0
63	26.7	23.1	34.7

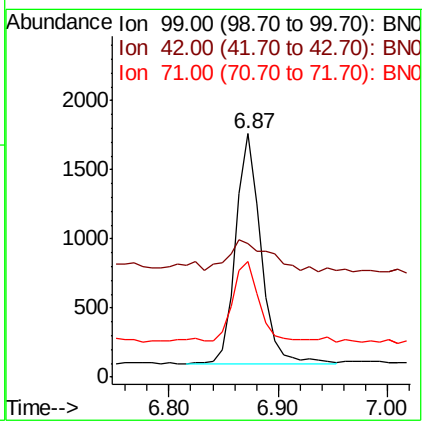


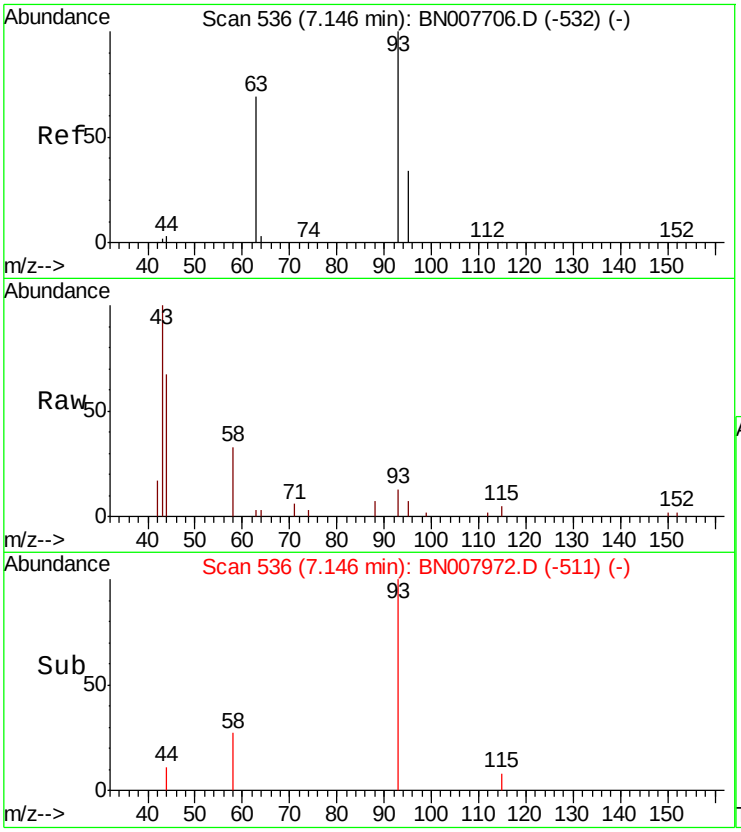


#5
Phenol-d6
Concen: 0.101 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion: 99 Resp: 2660

Ion	Ratio	Lower	Upper
99	100		
42	22.1	12.8	19.2#
71	38.4	27.6	41.4



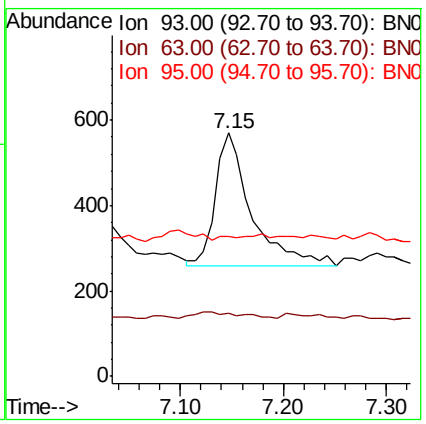


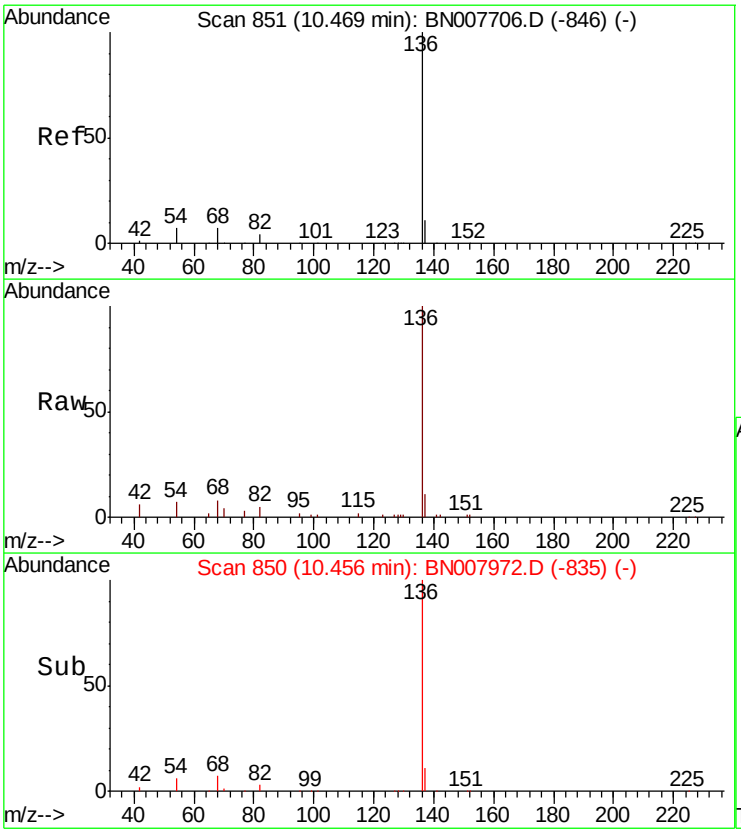
#6
bis(2-Chloroethyl)ether
Concen: 0.045 ng
RT: 7.15 min Scan# 536
Delta R.T. 0.00 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 751

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

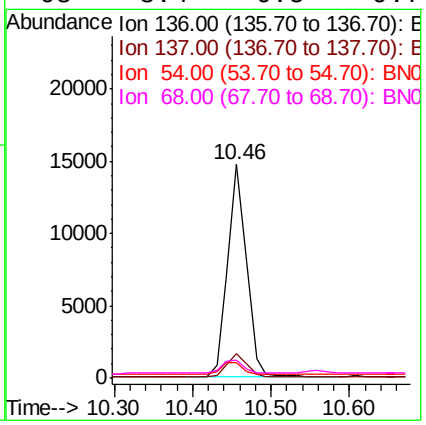


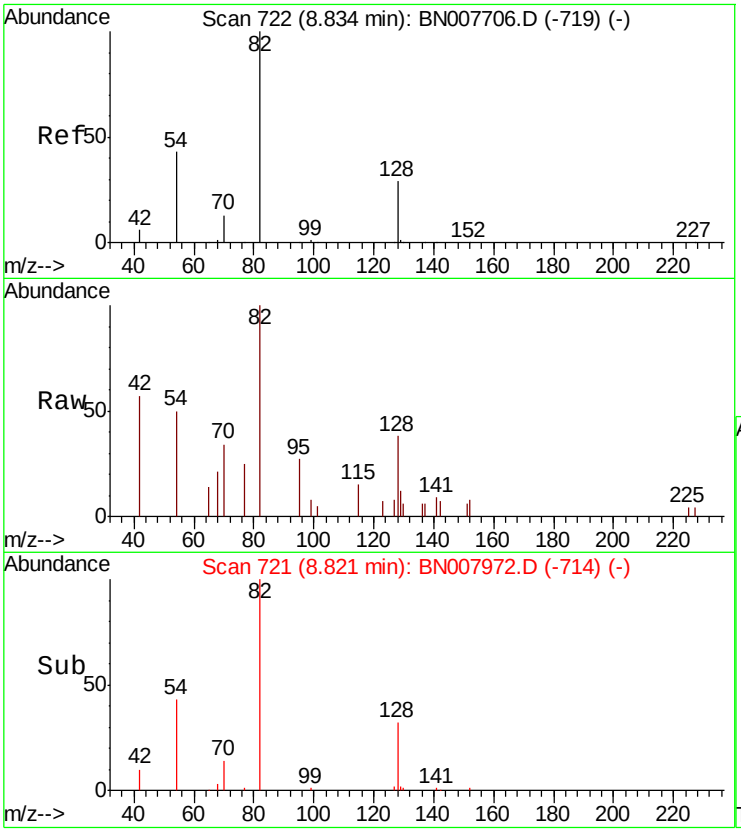


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:136 Resp: 24413

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.1	5.8	8.8
68	8.4	6.5	9.7



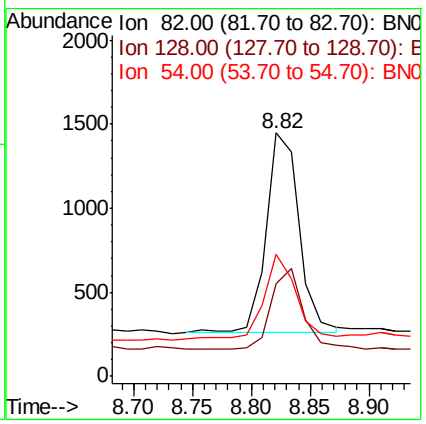


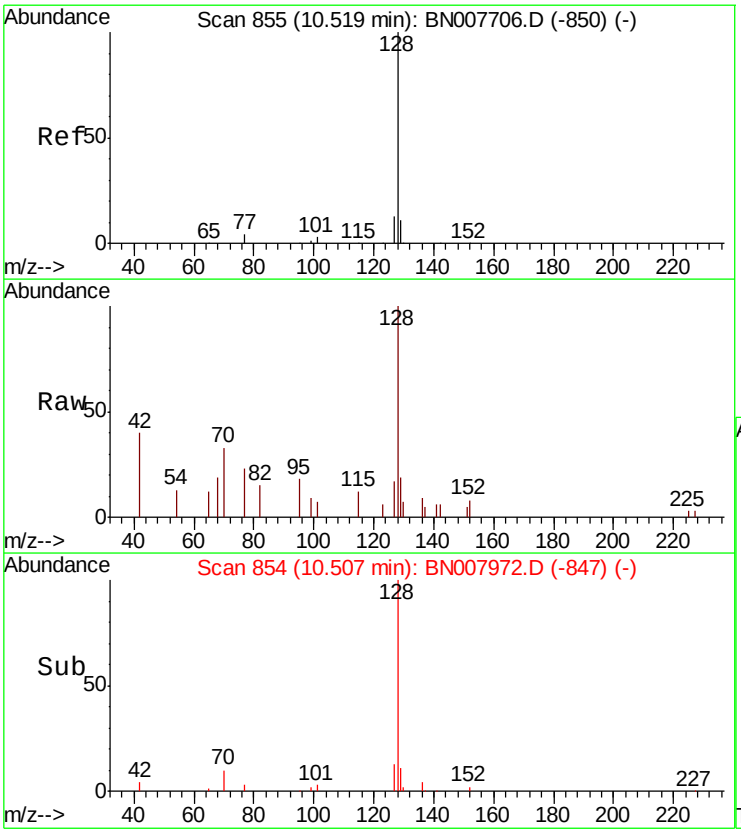
#8
Nitrobenzene-d5
Concen: 0.108 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 2300

Ion	Ratio	Lower	Upper
82	100		
128	37.8	24.5	36.7#
54	50.1	35.2	52.8

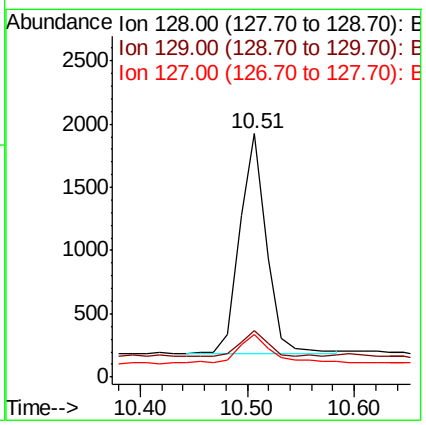


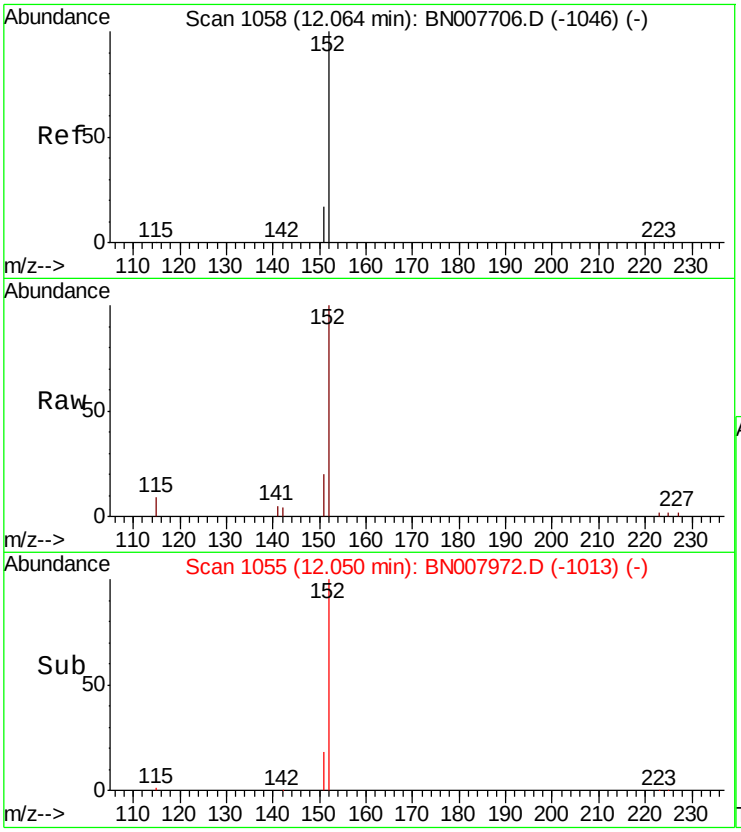


#9
Naphthalene
Concen: 0.044 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:128 Resp: 2996

Ion	Ratio	Lower	Upper
128	100		
129	18.9	9.1	13.7#
127	17.3	10.6	15.8#



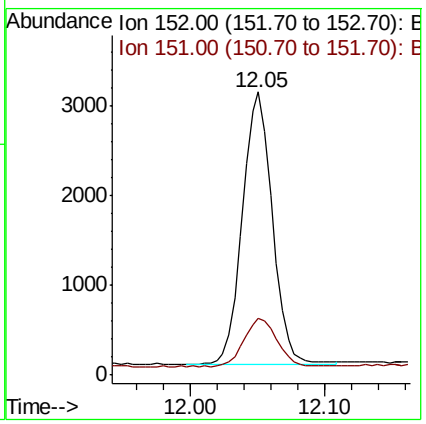


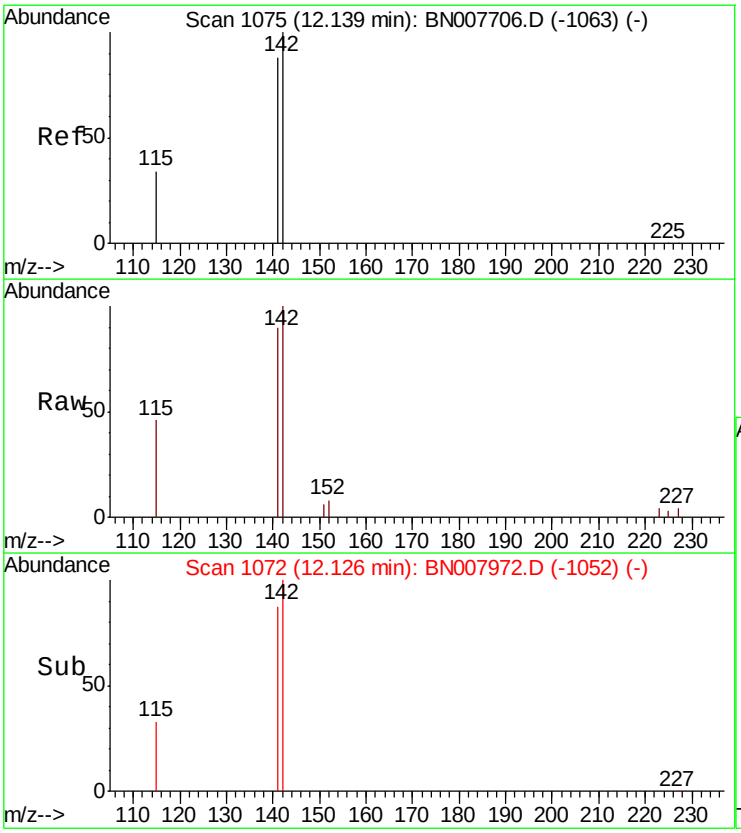
#11
2-Methylnaphthalene-d10
Concen: 0.114 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4698

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

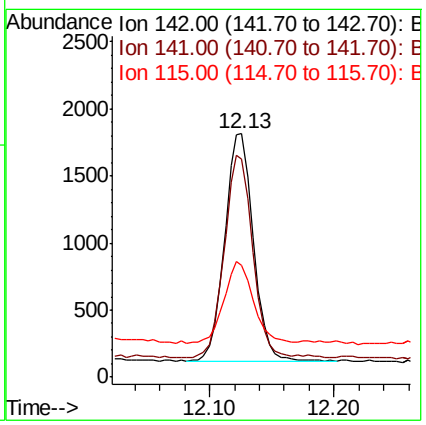


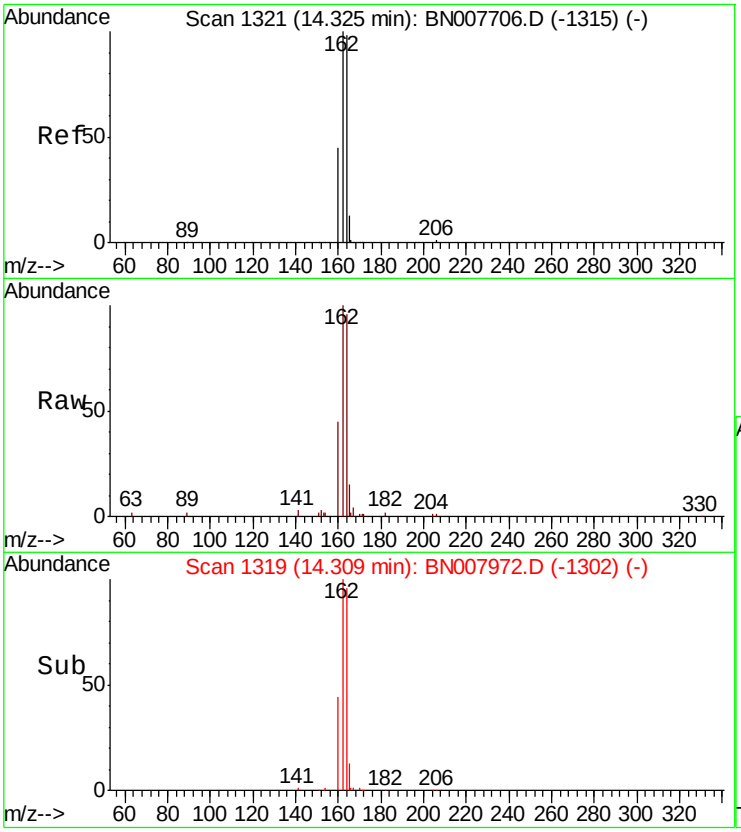


#12
2-Methylnaphthalene
Concen: 0.059 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:142 Resp: 2752

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.6	106.0
115	46.1	28.3	42.5#



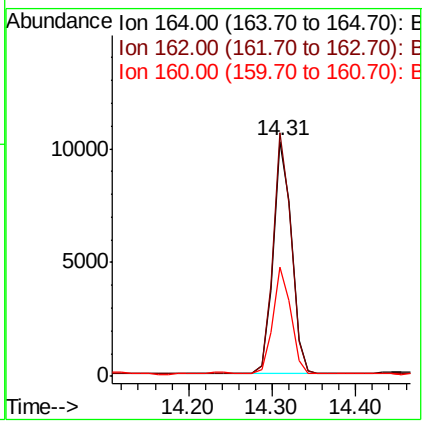


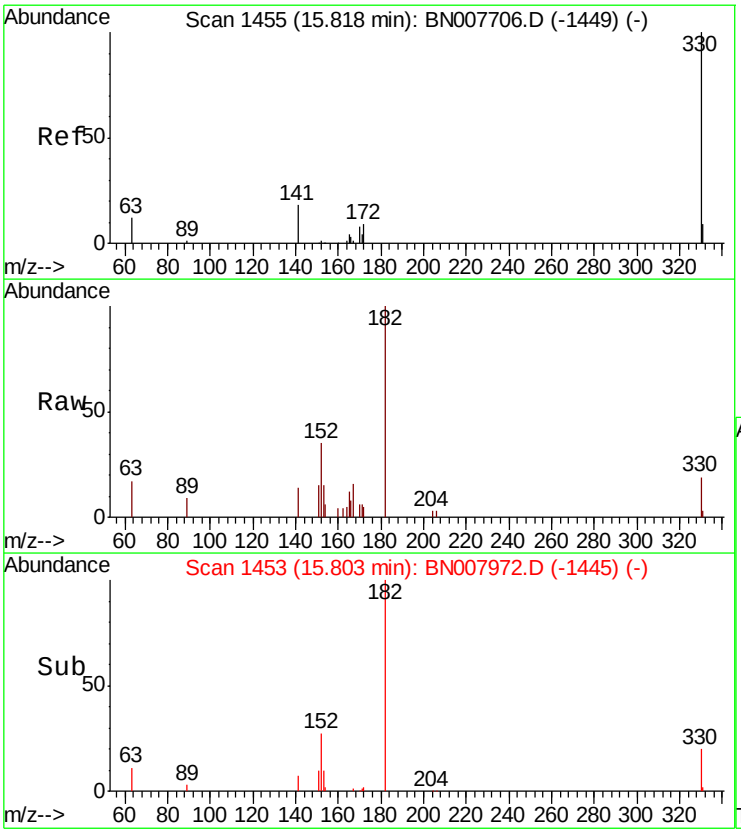
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 15802

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.7	122.5
160	46.6	37.0	55.4

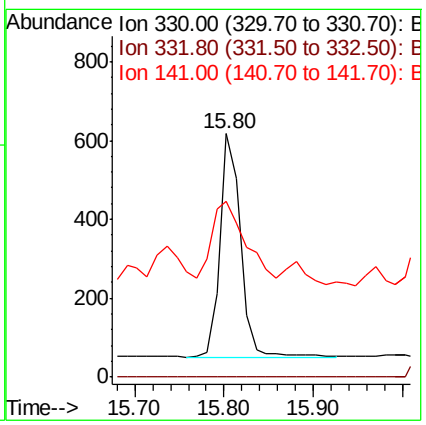


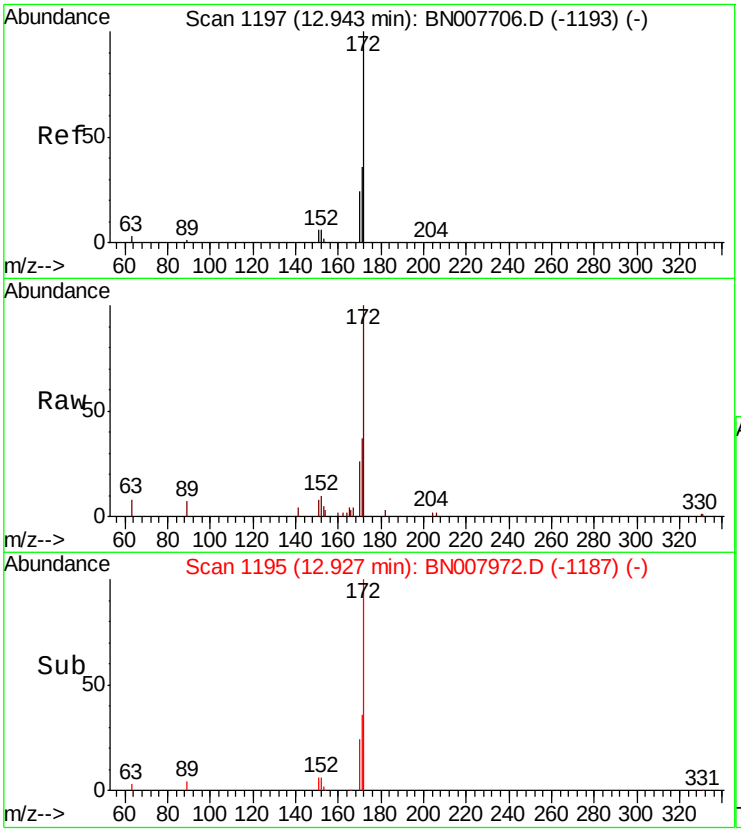


#14
2,4,6-Tribromophenol
Concen: 0.107 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:330 Resp: 917

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.7	28.7	43.1#



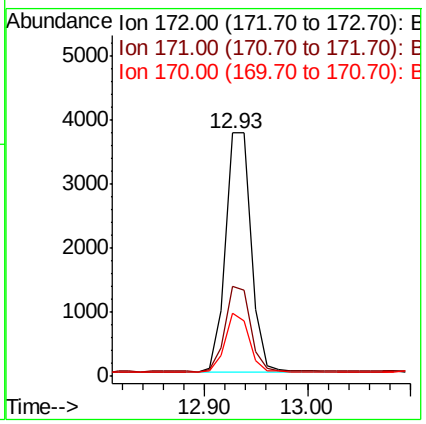


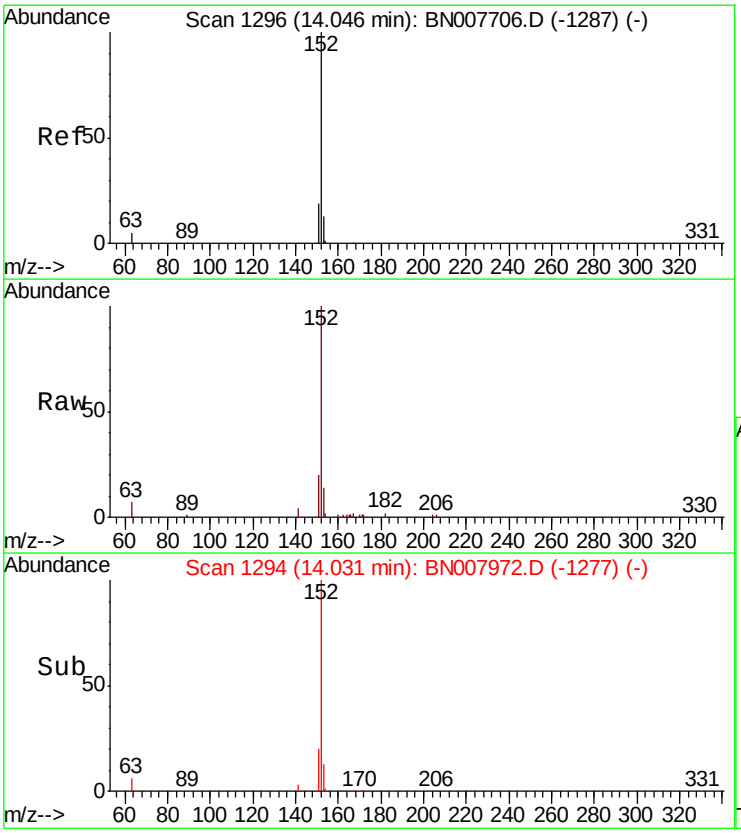
#15
2-Fluorobiphenyl
Concen: 0.099 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 6466

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.8	43.2
170	25.8	19.5	29.3

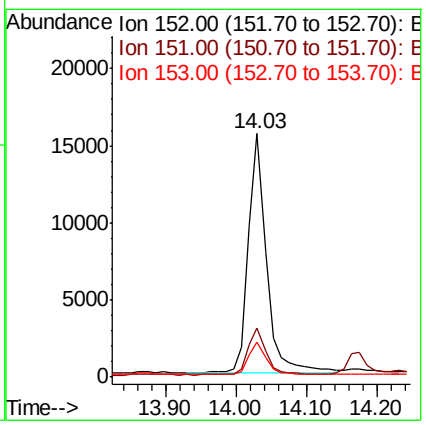


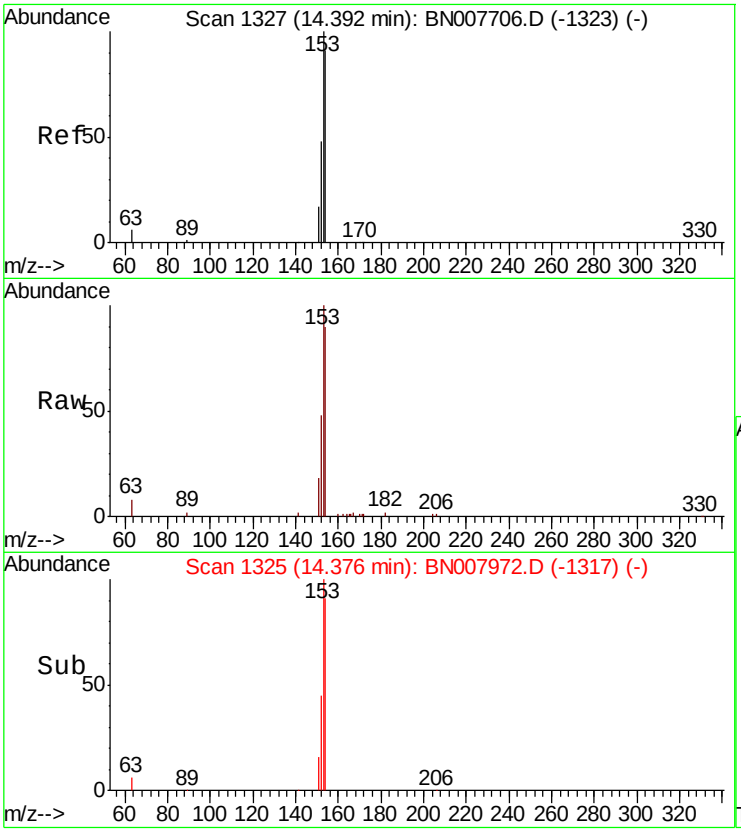


#16
Acenaphthylene
Concen: 0.321 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:152 Resp: 26907

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	13.2	10.4	15.6



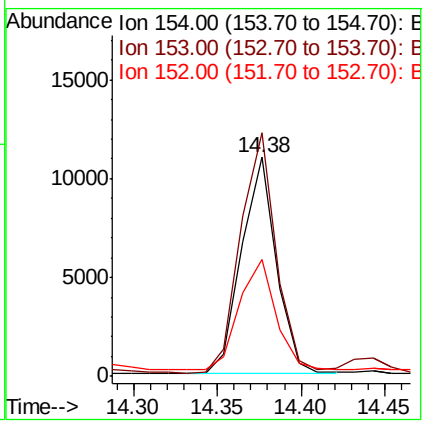


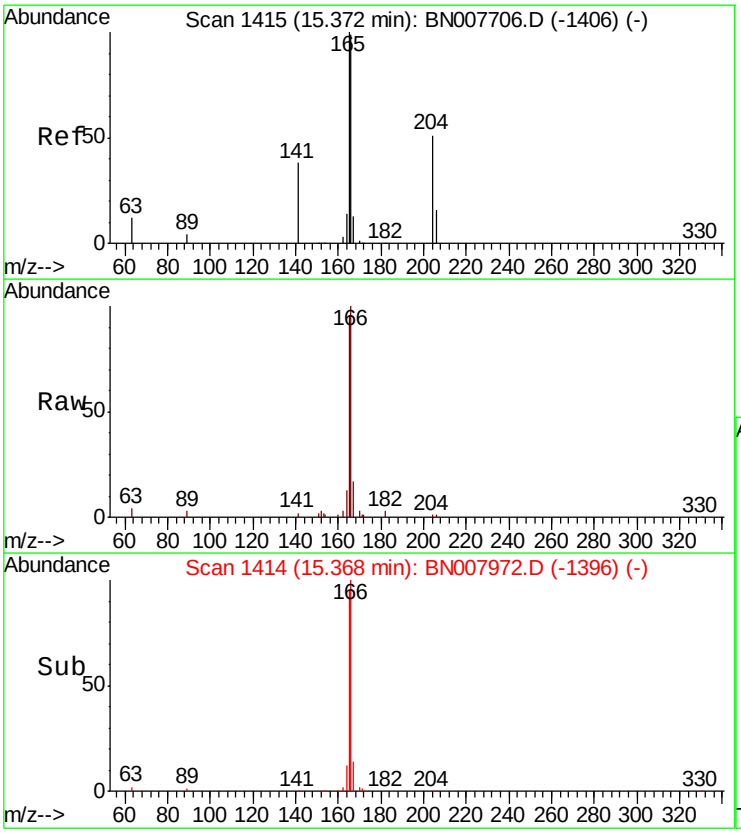
#17
Acenaphthene
Concen: 0.292 ng
RT: 14.38 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 15776

Ion	Ratio	Lower	Upper
154	100		
153	113.1	87.0	130.4
152	55.6	42.7	64.1

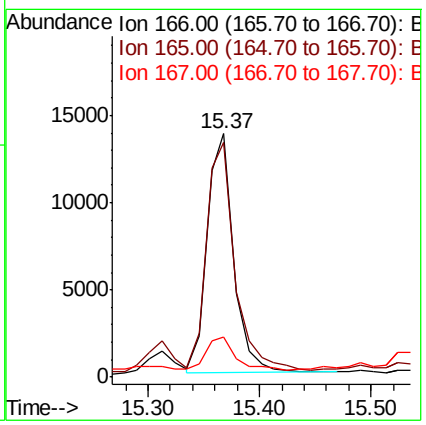


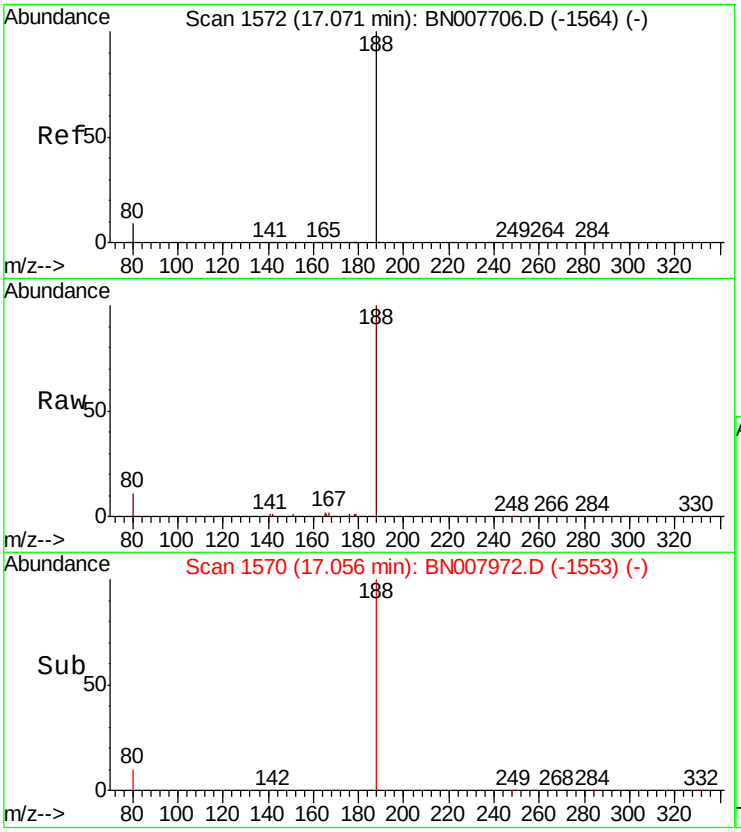


#18
Fluorene
Concen: 0.331 ng
RT: 15.37 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:166 Resp: 22905

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.0	117.0
167	14.8	10.9	16.3



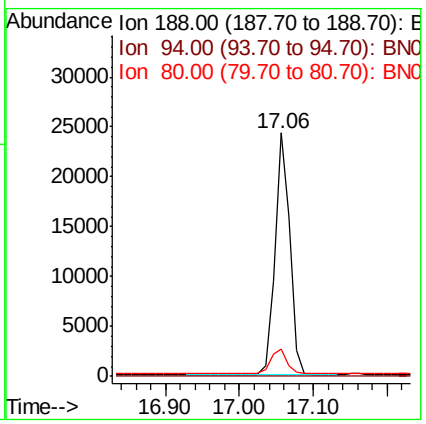


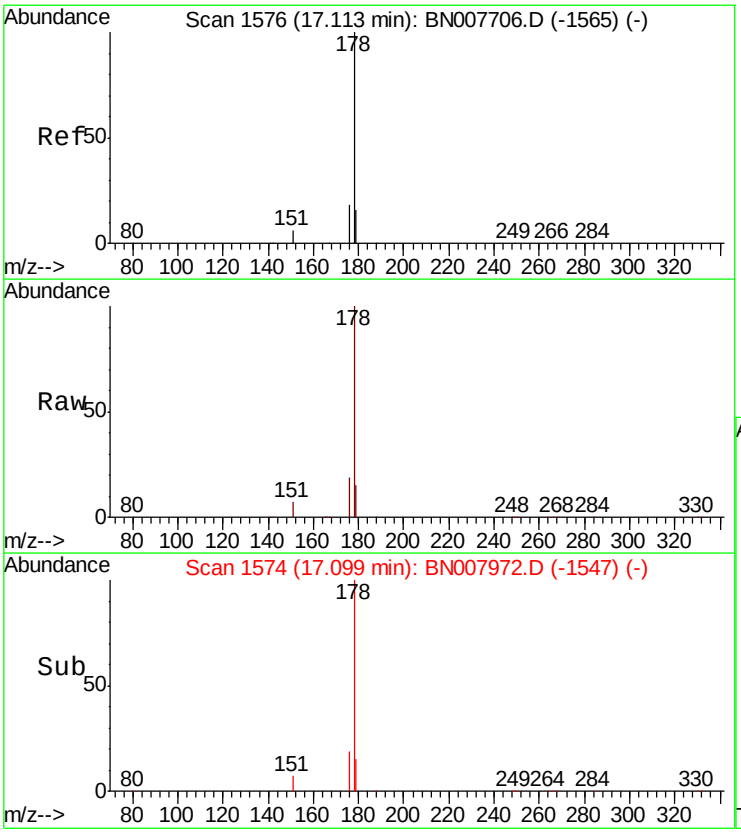
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 34152

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	7.4	11.2#

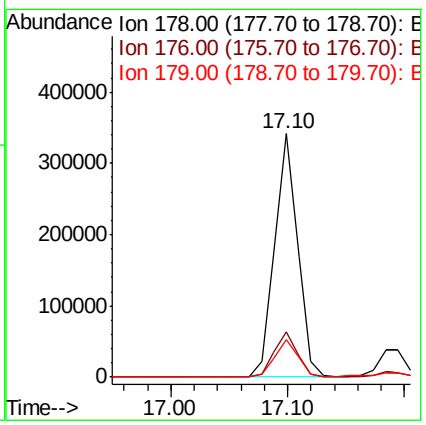


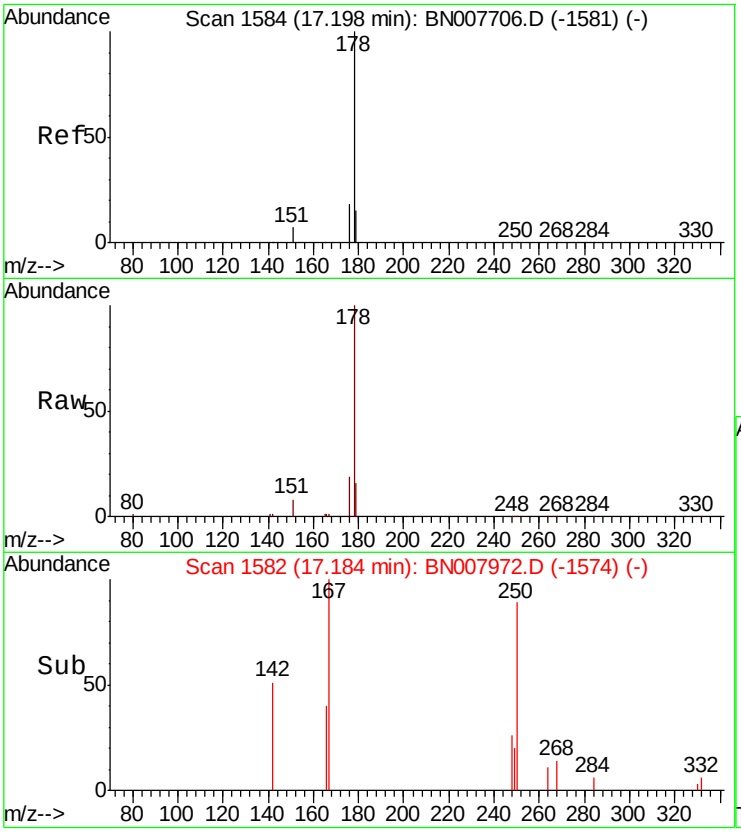


#23
Phenanthrene
Concen: 4.362 ng
RT: 17.10 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:178 Resp: 464105

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.5	18.7



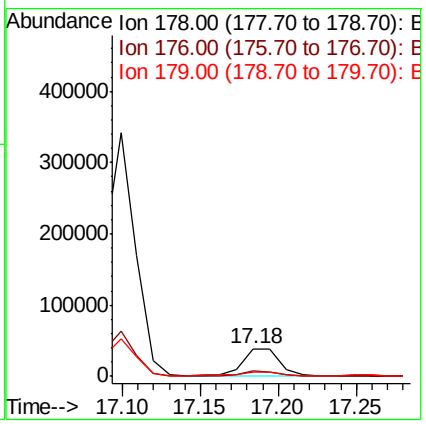


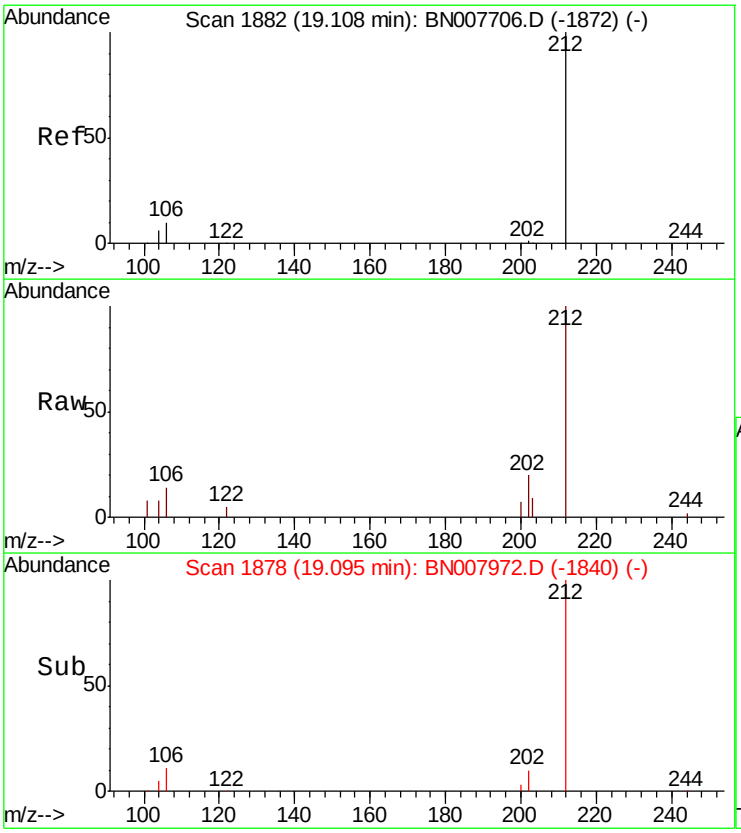
#24
Anthracene
Concen: 0.641 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 61578

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	18.6	12.2	18.4#

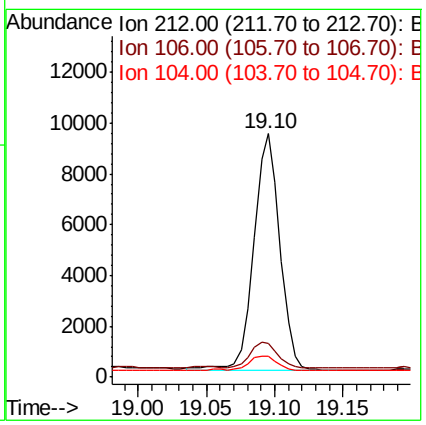


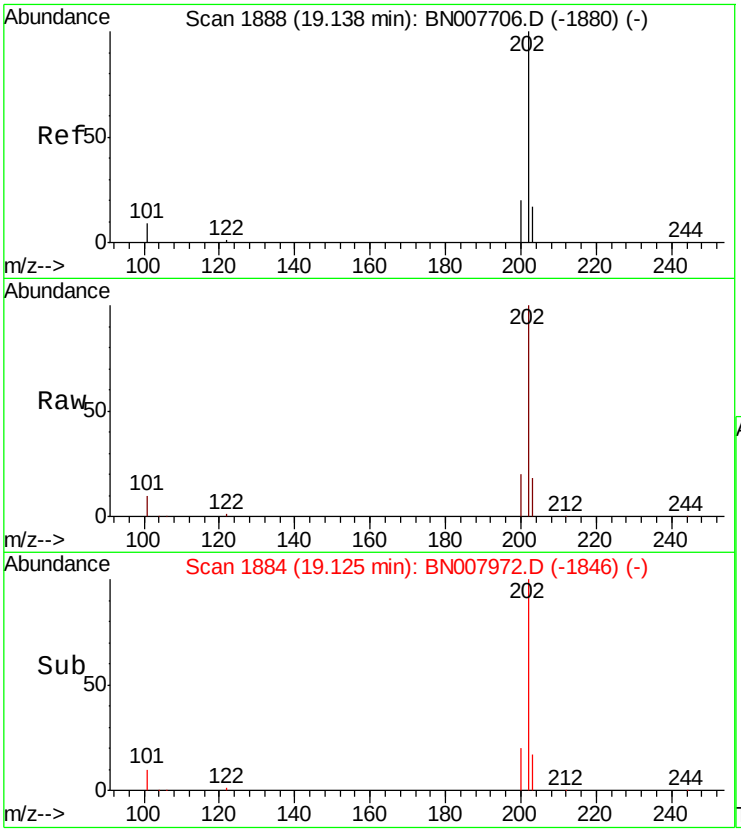


#25
Fluoranthene-d10
Concen: 0.107 ng
RT: 19.10 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:212 Resp: 12310

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.4	14.0
104	7.1	5.3	7.9



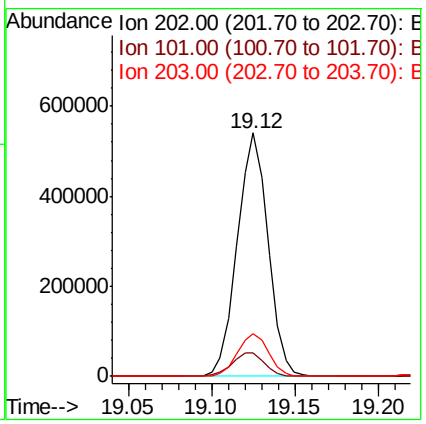


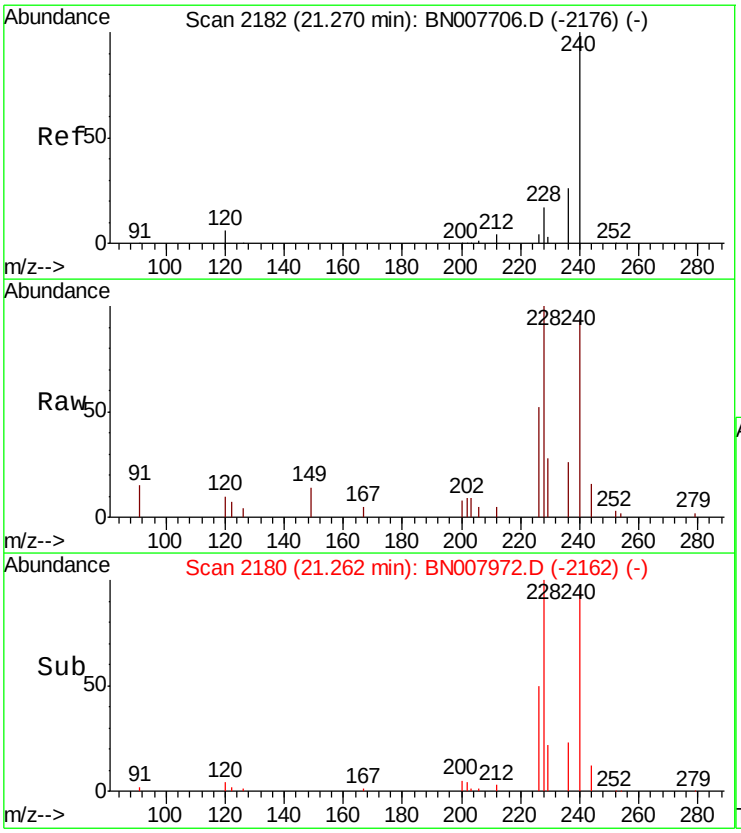
#26
Fluoranthene
Concen: 5.240 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 693226

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	17.5	13.8	20.8

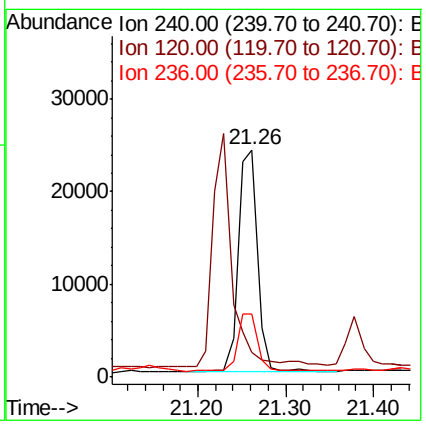


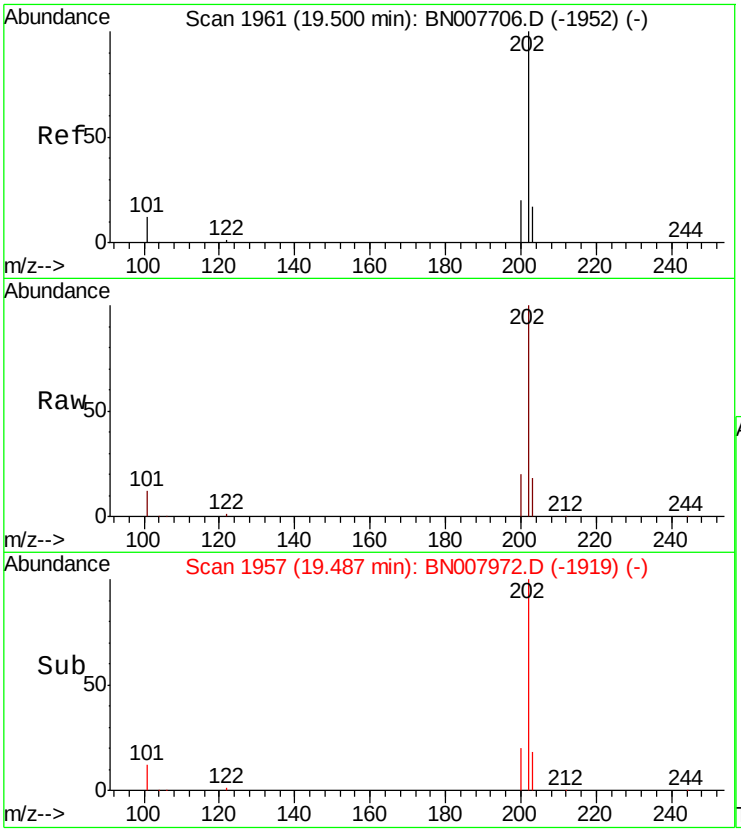


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:240 Resp: 35927

Ion	Ratio	Lower	Upper
240	100		
120	11.1	5.4	8.2#
236	27.6	21.0	31.4



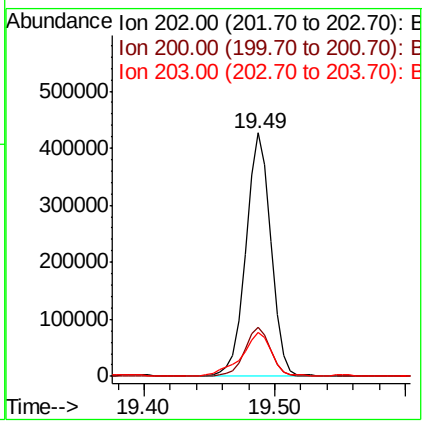


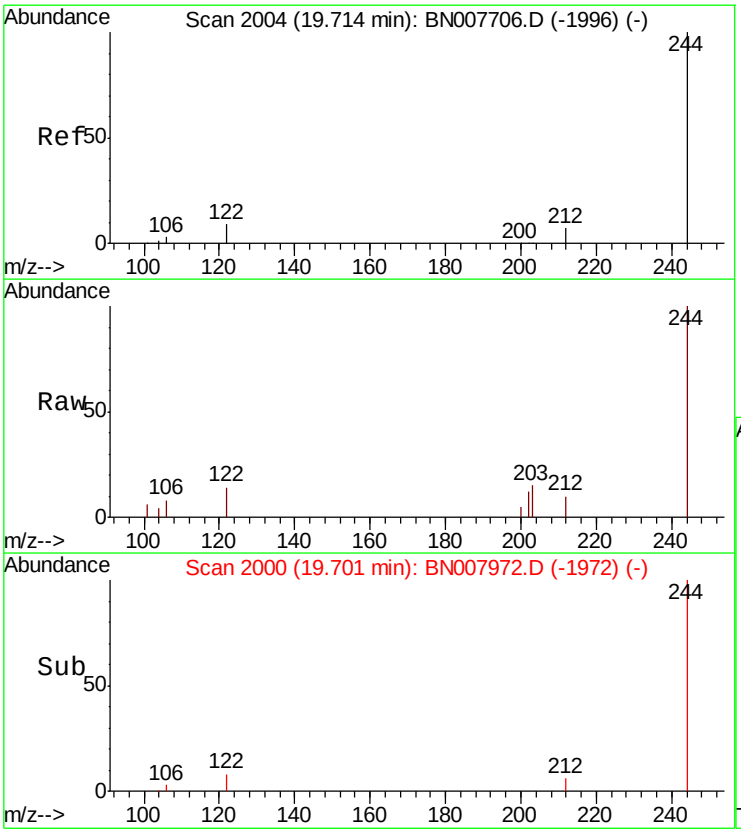
#28
Pyrene
Concen: 4.669 ng
RT: 19.49 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 572065

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.1	14.1	21.1

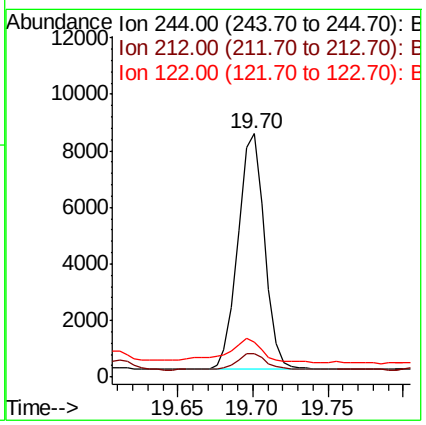


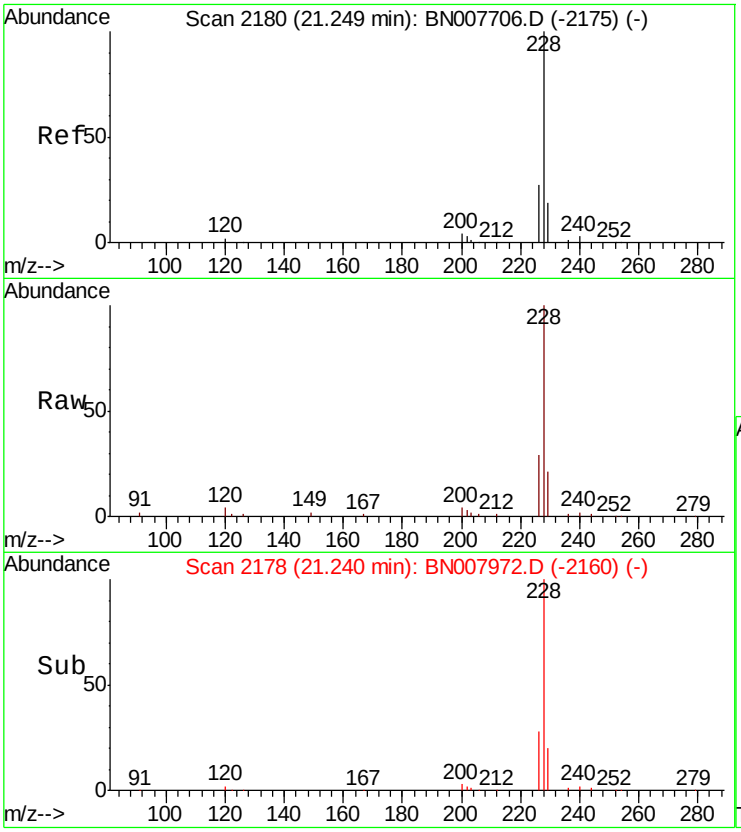


#29
Terphenyl-d14
Concen: 0.115 ng
RT: 19.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:244 Resp: 10177

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.9	8.9#
122	14.2	7.4	11.2#



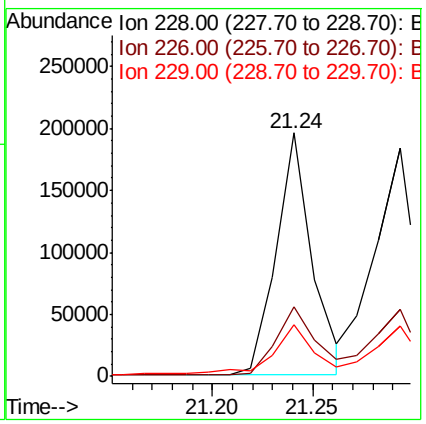


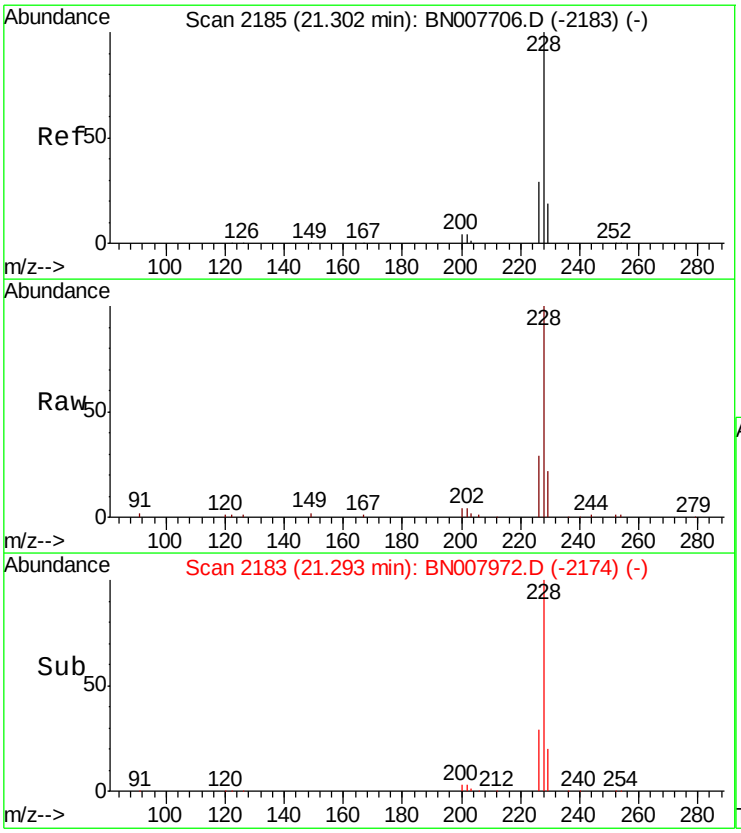
#30
Benzo(a)anthracene
Concen: 1.835 ng
RT: 21.24 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 242772

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.1	33.1
229	21.0	15.8	23.6

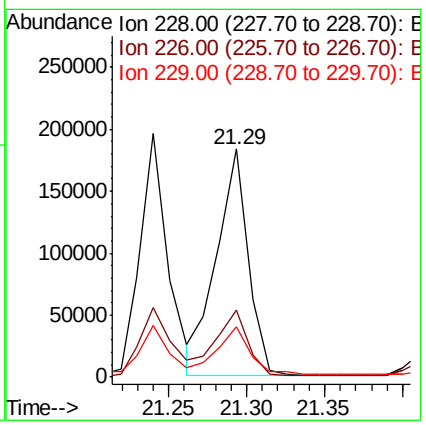


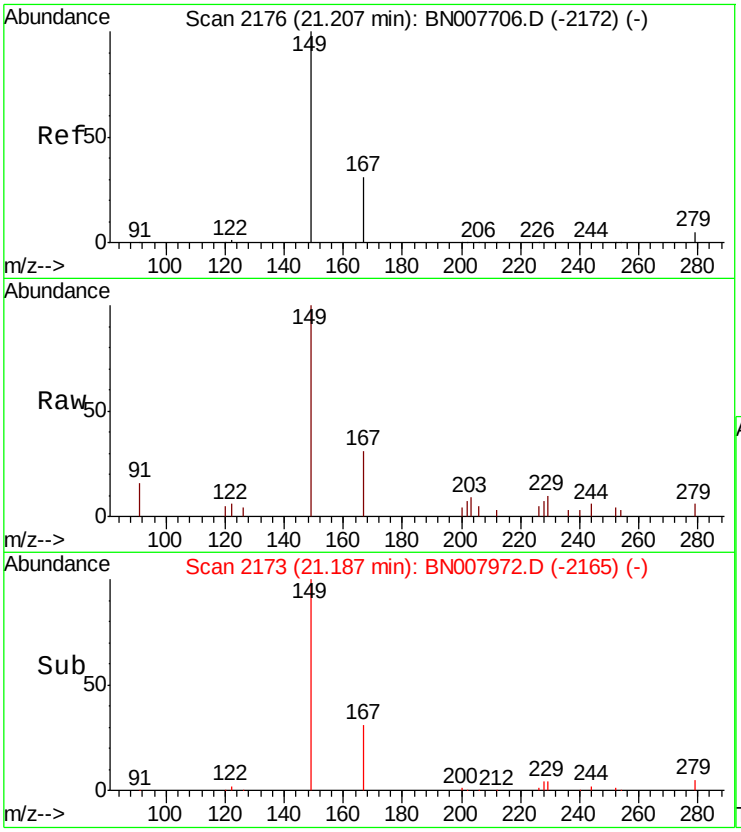


#31
Chrysene
Concen: 2.002 ng
RT: 21.29 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:228 Resp: 258151

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	22.1	15.8	23.6



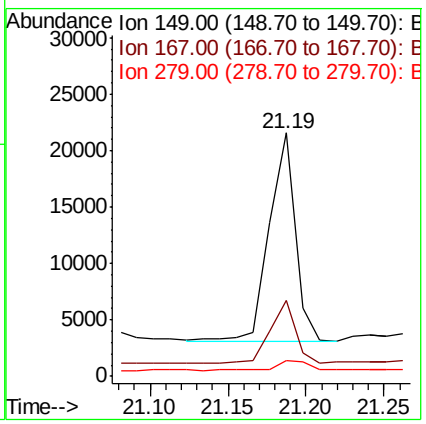


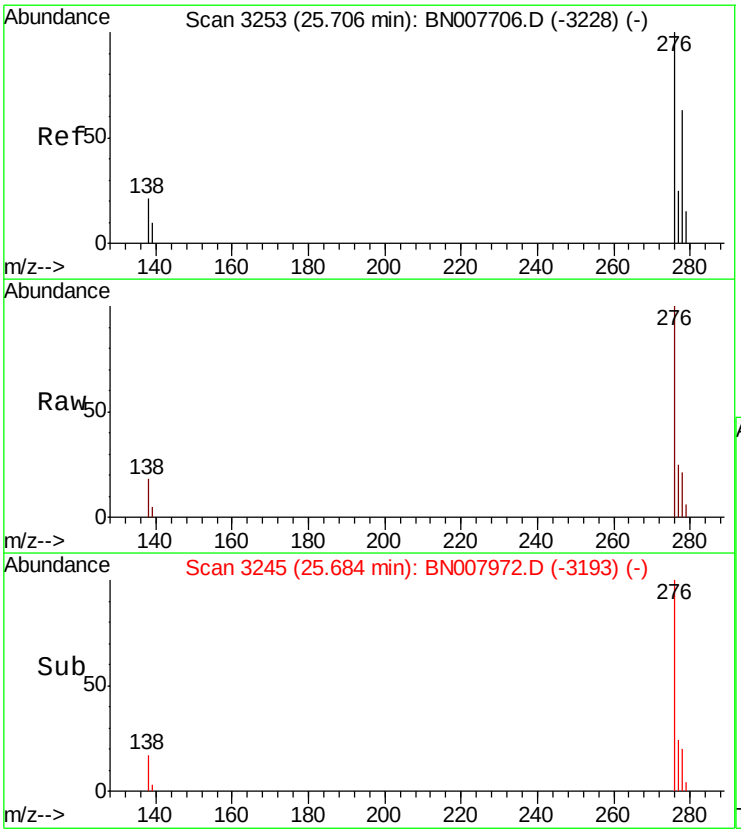
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.312 ng
RT: 21.19 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 21206

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.7	35.5
279	6.3	4.2	6.2#

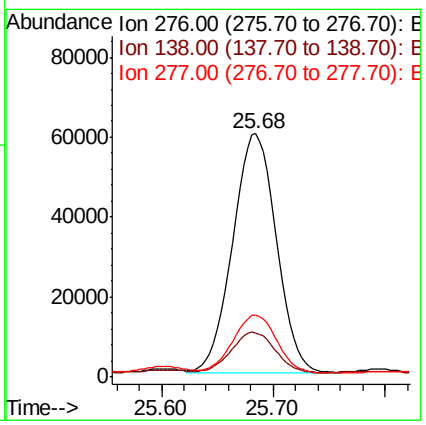


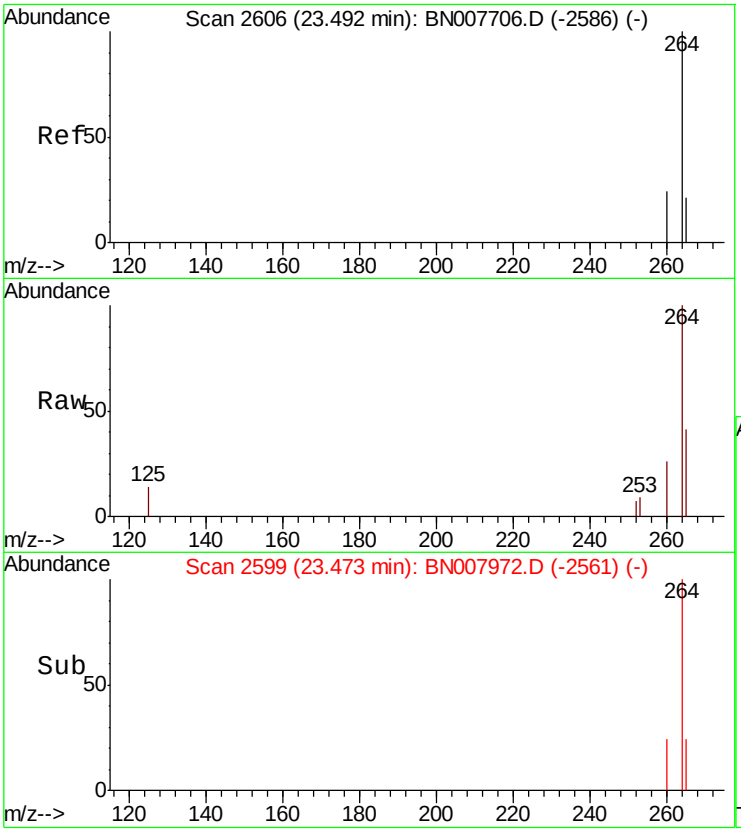


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.999 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:276 Resp: 161235

Ion	Ratio	Lower	Upper
276	100		
138	17.2	17.1	25.7
277	24.6	20.0	30.0



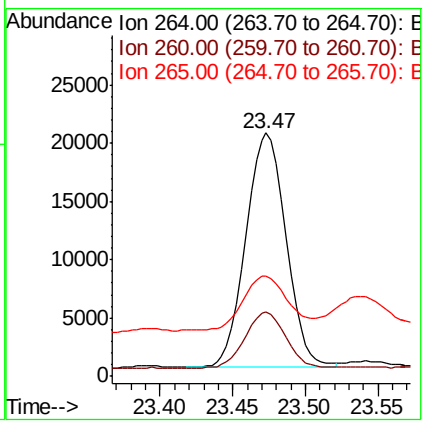


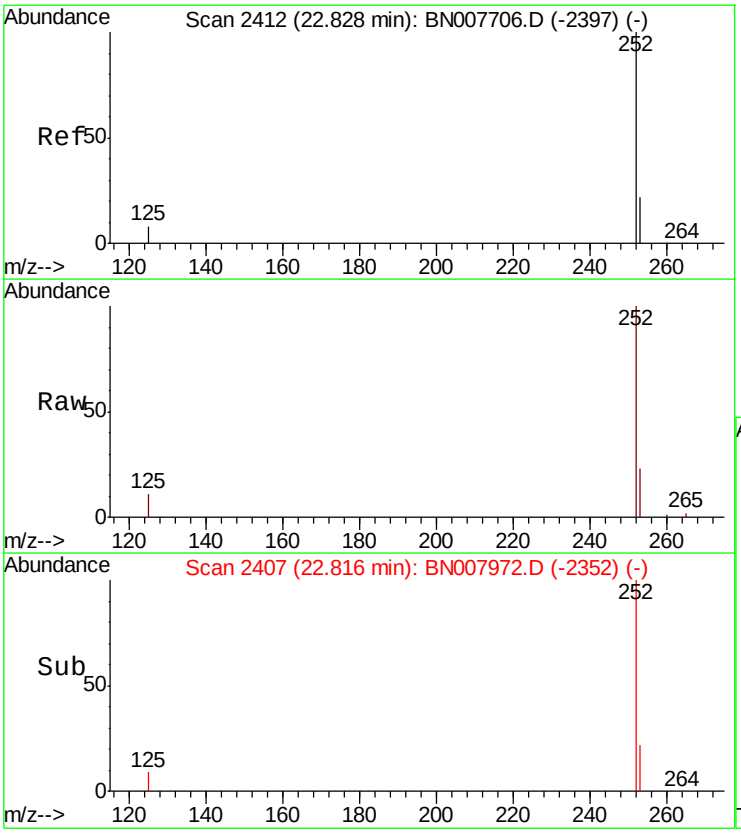
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 38765

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.3	28.9
265	41.2	26.9	40.3#

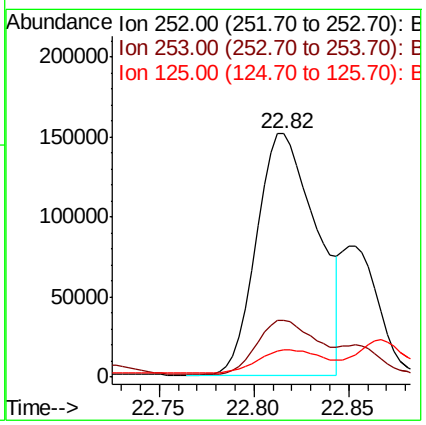


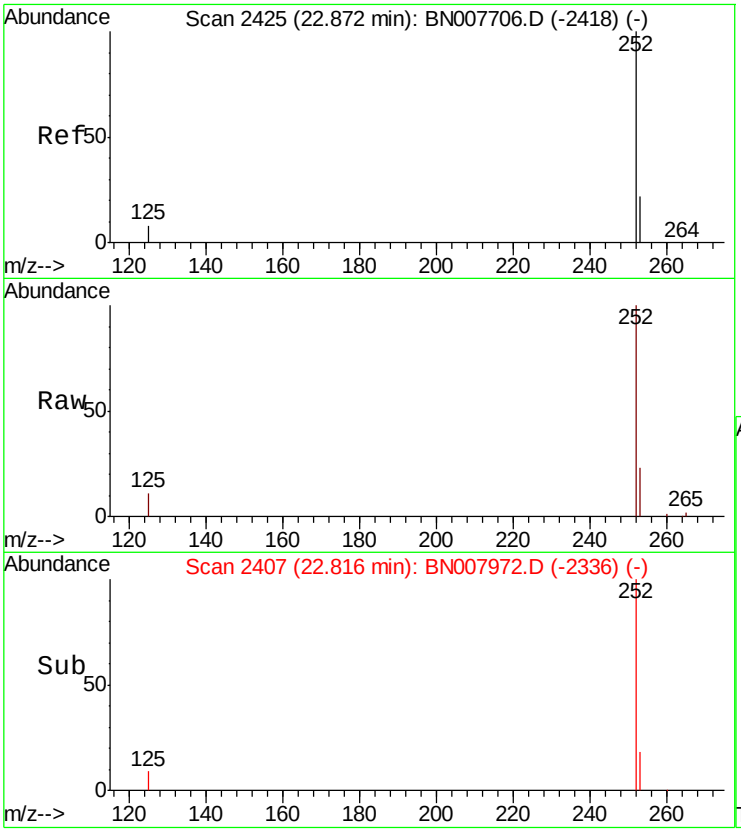


#35
Benzo(b)fluoranthene
Concen: 2.470 ng
RT: 22.82 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:252 Resp: 332457

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	11.1	8.2	12.4



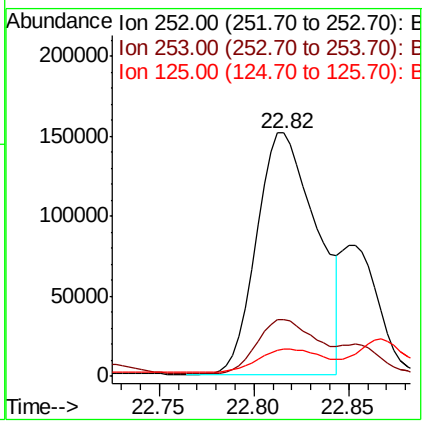


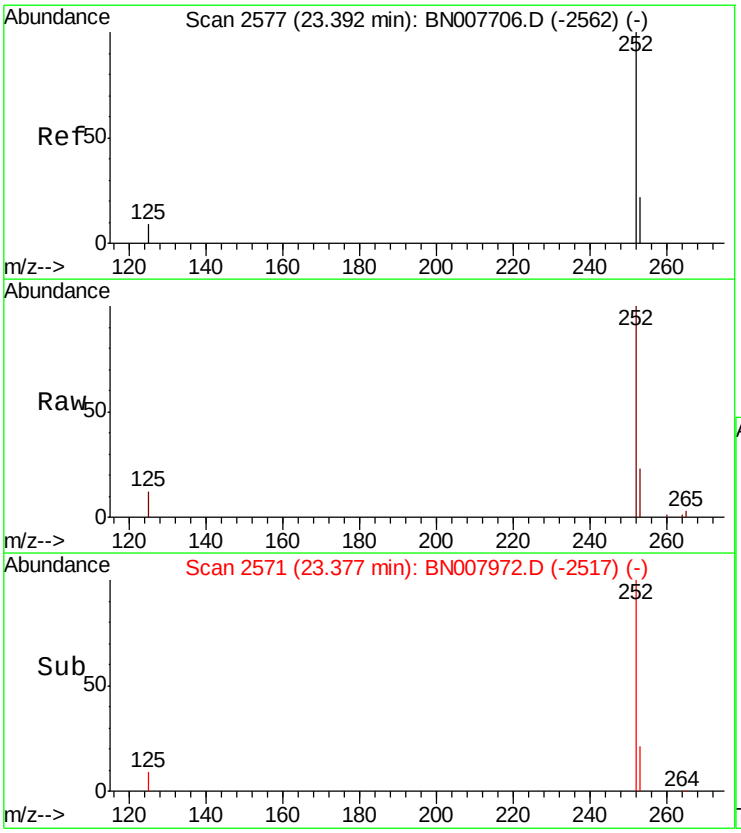
#36
Benzo(k)fluoranthene
Concen: 2.498 ng
RT: 22.82 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 332457

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	11.1	8.4	12.6

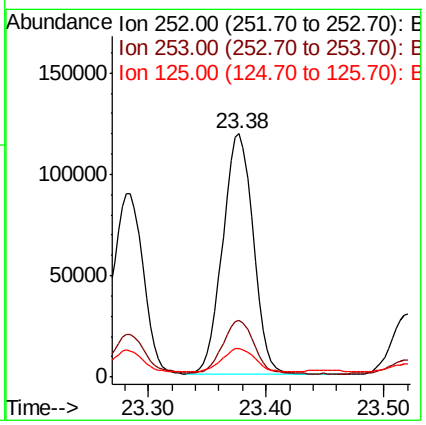


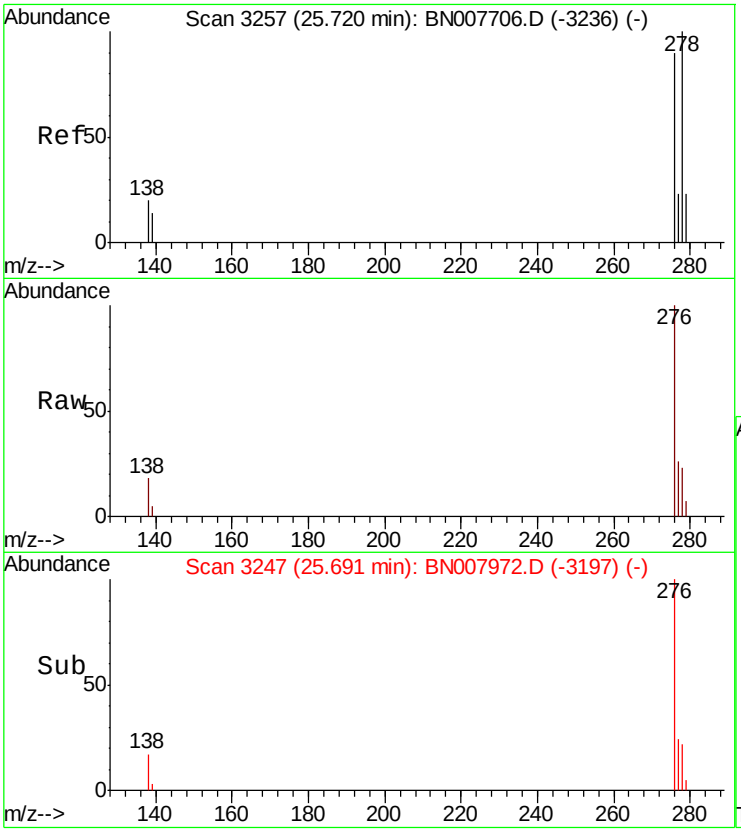


#37
Benzo(a)pyrene
Concen: 1.689 ng
RT: 23.38 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:252 Resp: 213557

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	11.8	9.4	14.0



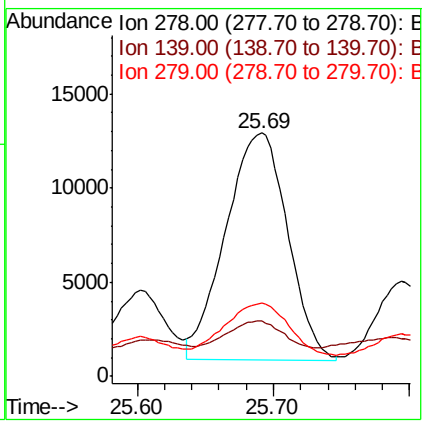


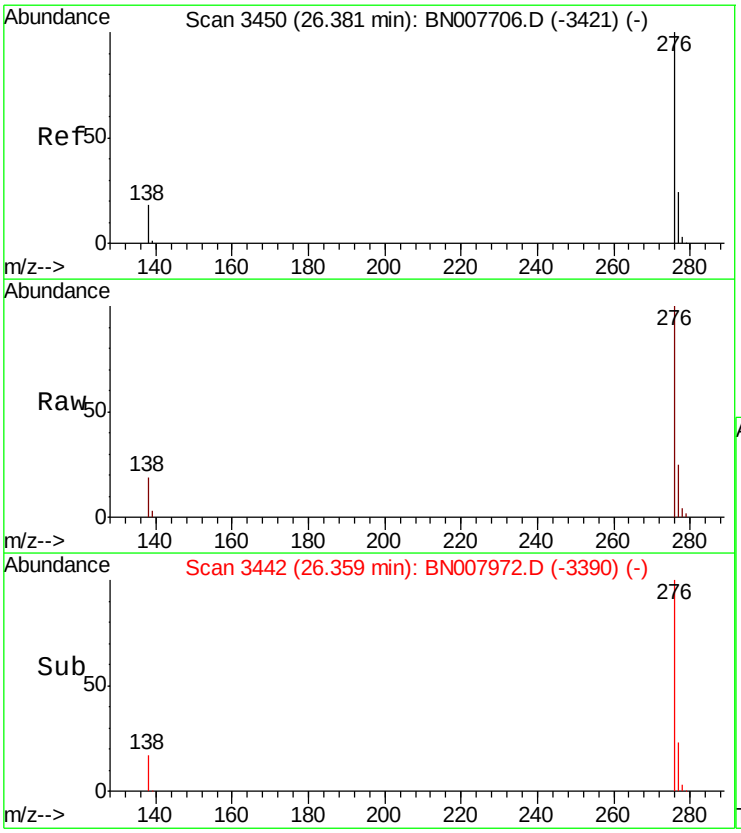
#38
Dibenzo(a,h)anthracene
Concen: 0.294 ng
RT: 25.69 min Scan# 3247
Delta R.T. -0.03 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 38054

Ion	Ratio	Lower	Upper
278	100		
139	22.5	11.8	17.6#
279	30.1	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.246 ng
RT: 26.36 min Scan# 3442
Delta R.T. -0.02 min
Lab File: BN007972.D
Acq: 02 Oct 2019 19:05

Tgt Ion:276 Resp: 159588

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	18.9	15.1	22.7