Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
Data File : BN009404.D
Acq On : 20 Jan 2020 15:49
Operator : JU
Sample : K5111-08
Misc : 0.1 LOO
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 20 17:28:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 16:23:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1163	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	3735	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	2426	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	5397	0.40	ng		0.00
27) Chrysene-d12	21.07	240	4616	0.40	ng		0.00
34) Perylene-d12	23.19	264	4623	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	848	0.32	ng		0.00
5) Phenol-d6	6.70	99	809	0.26	ng		0.02
8) Nitrobenzene-d5	8.66	82	837	0.28	ng		0.03
11) 2-Methylnaphthalene-d10	11.85	152	1970	0.27	ng		0.02
14) 2,4,6-Tribromophenol	15.64	330	246	0.27	ng		0.02
15) 2-Fluorobiphenyl	12.74	172	2788	0.31	ng		0.02
25) Fluoranthene-d10	18.90	212	4849	0.26	ng		0.00
29) Terphenyl-d14	19.52	244	3906	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	114	0.094	ng	#	55
3) n-Nitrosodimethylamine	3.50	42	77	0.041	ng	#	46
6) bis(2-Chloroethyl)ether	6.94	93	199	0.062	ng		95
9) Naphthalene	10.29	128	916	0.091	ng	#	73
10) Hexachlorobutadiene	10.57	225	208	0.094	ng	#	95
12) 2-Methylnaphthalene	11.93	142	601	0.085	ng	#	89
16) Acenaphthylene	13.82	152	857	0.082	ng		97
17) Acenaphthene	14.17	154	605	0.082	ng		98
18) Fluorene	15.18	166	812	0.085	ng		99
20) 4-Bromophenyl-phenylether	16.08	248	236	0.073	ng	#	87
21) Hexachlorobenzene	16.18	284	281	0.081	ng		95
22) Pentachlorophenol	16.58	266	143	0.147	ng		87
23) Phenanthrene	16.91	178	1306	0.081	ng		99
24) Anthracene	17.02	178	990	0.073	ng		99
26) Fluoranthene	18.93	202	1560	0.082	ng		99
28) Pyrene	19.30	202	1590	0.091	ng		98
30) Benzo(a)anthracene	21.07	228	1195	0.079	ng	#	91
31) Chrysene	21.11	228	1543	0.089	ng		92
32) Bis(2-ethylhexyl)phthalate	21.00	149	588	0.088	ng	#	97
33) Indeno(1,2,3-cd)pyrene	25.29	276	1358	0.075	ng	#	84
35) Benzo(b)fluoranthene	22.57	252	1257	0.074	ng	#	54
36) Benzo(k)fluoranthene	22.61	252	1636	0.087	ng	#	48
37) Benzo(a)pyrene	23.11	252	1294	0.086	ng	#	33
38) Dibenzo(a,h)anthracene	25.31	278	366	0.024	ng	#	37
39) Benzo(g,h,i)perylene	25.90	276	1480	0.089	ng	#	78

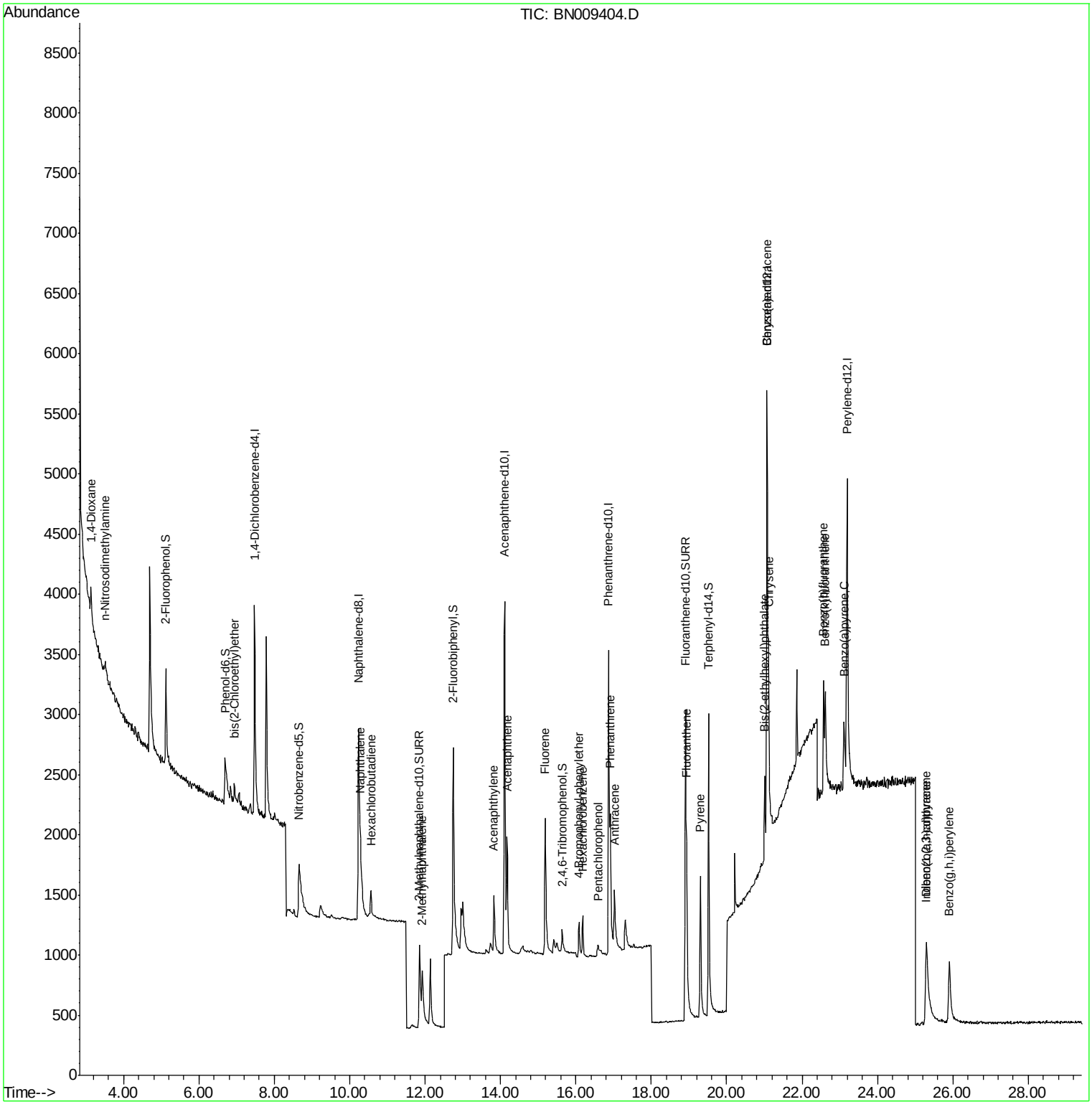
(#) = qualifier out of range (m) = manual integration (+) = signals summed

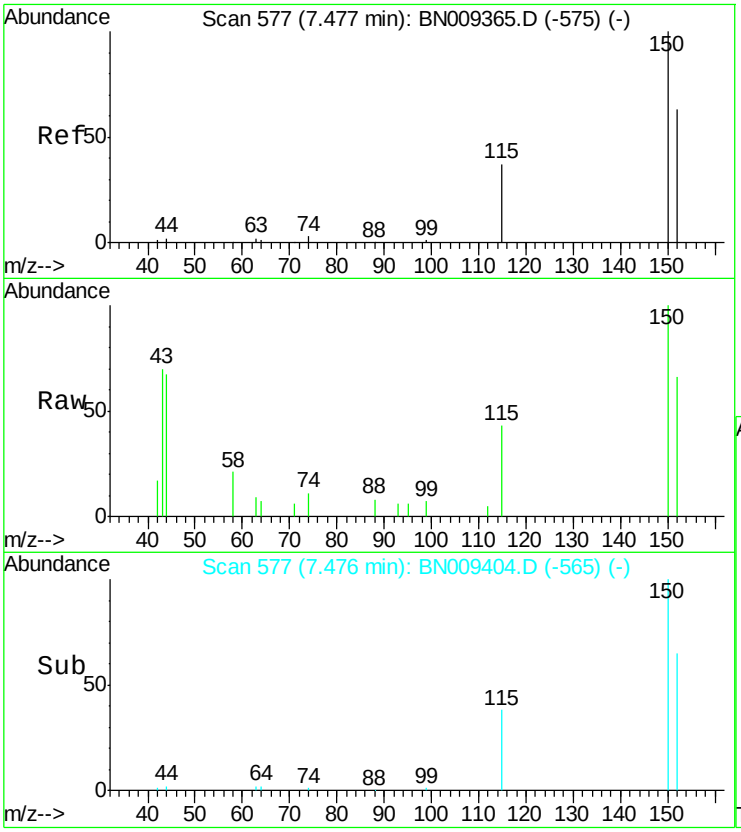
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
Data File : BN009404.D
Acq On : 20 Jan 2020 15:49
Operator : JU
Sample : K5111-08
Misc : 0.1 LOO
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 20 17:28:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 16:23:23 2020
Response via : Initial Calibration



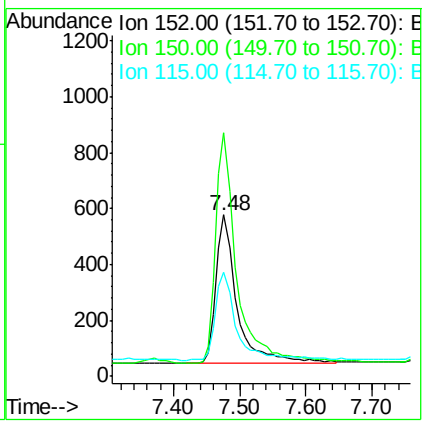


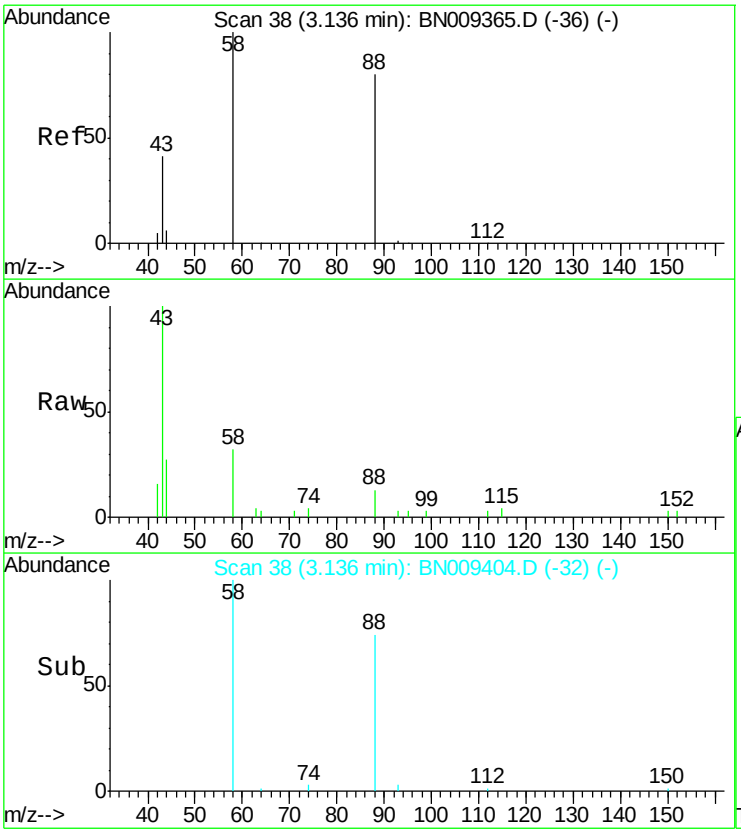
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1163

Ion	Ratio	Lower	Upper
152	100		
150	150.7	125.7	188.5
115	64.2	53.3	79.9

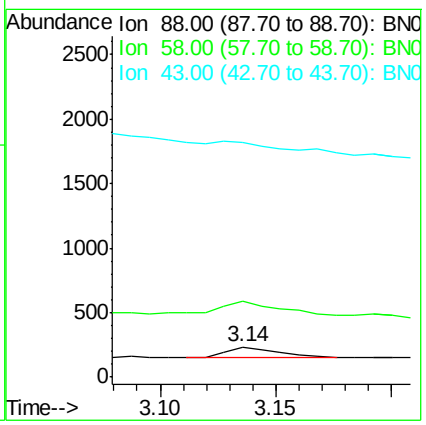


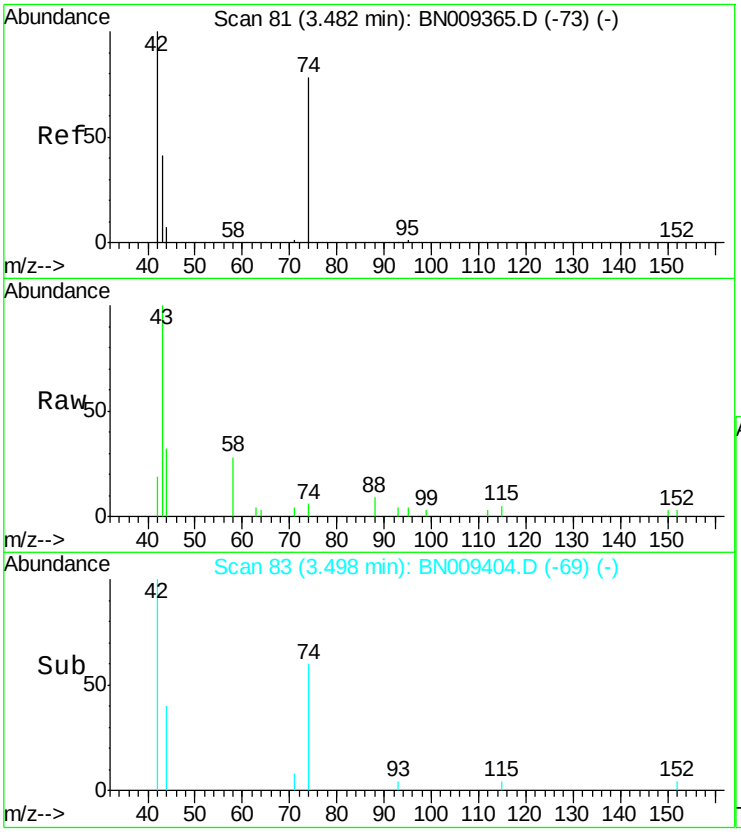


#2
1,4-Dioxane
Concen: 0.094 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion: 88 Resp: 114

Ion	Ratio	Lower	Upper
88	100		
58	162.3	100.2	150.2#
43	0.0	43.1	64.7#



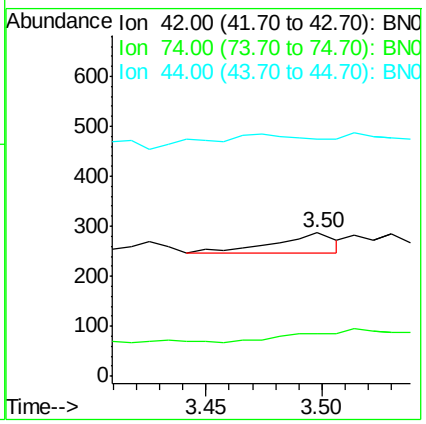


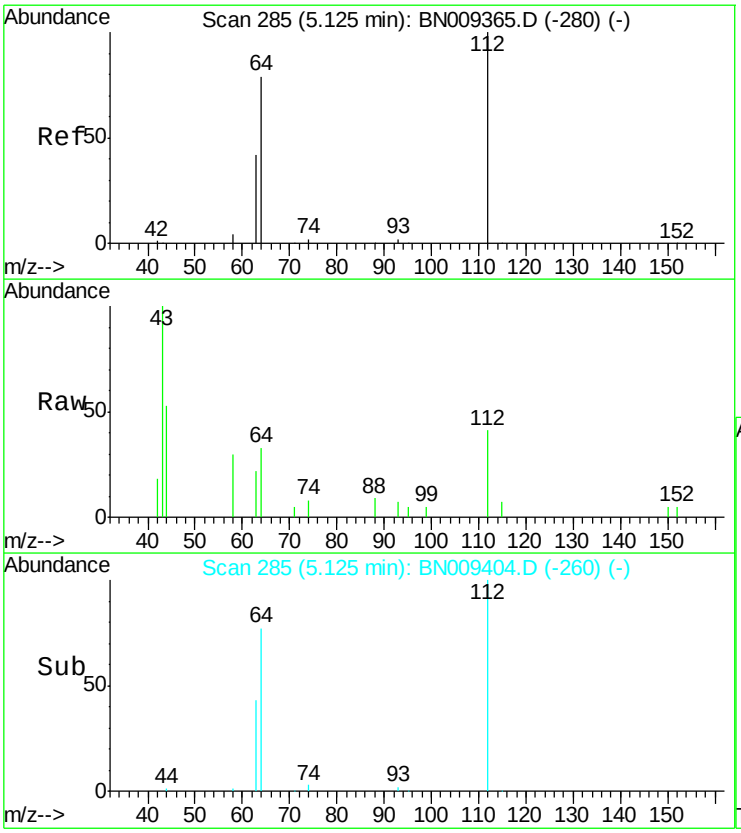
#3
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.50 min Scan# 83
Delta R.T. 0.02 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 77

Ion	Ratio	Lower	Upper
42	100		
74	118.2	55.8	83.8#
44	26.0	11.1	16.7#

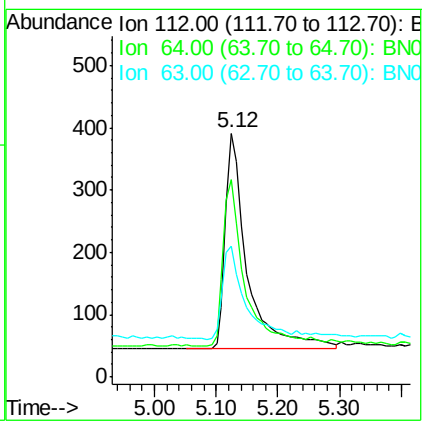


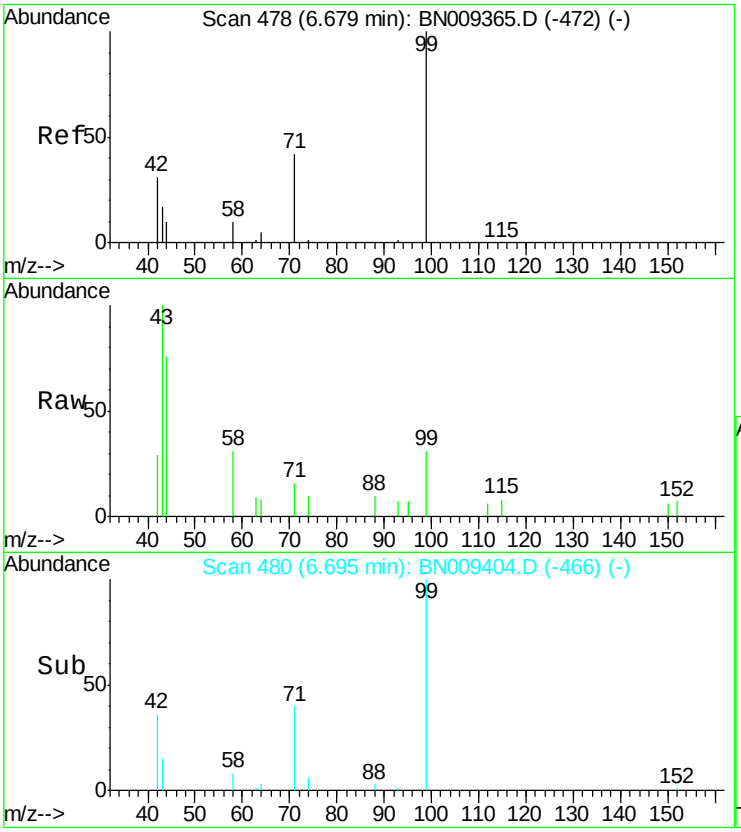


#4
2-Fluorophenol
Concen: 0.317 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:112 Resp: 848

Ion	Ratio	Lower	Upper
112	100		
64	76.8	61.5	92.3
63	44.2	35.0	52.4



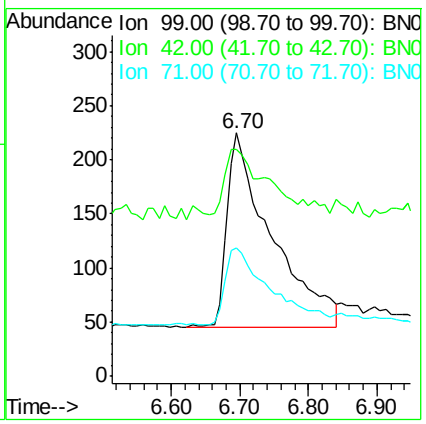


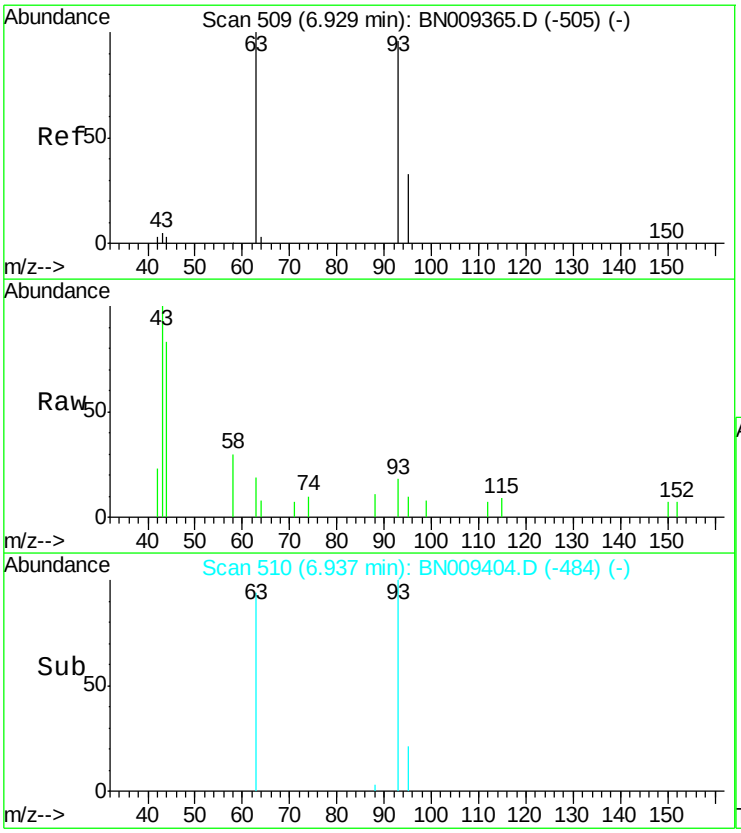
#5
Phenol-d6
Concen: 0.261 ng
RT: 6.70 min Scan# 480
Delta R.T. 0.02 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 809

Ion	Ratio	Lower	Upper
99	100		
42	33.5	27.6	41.4
71	40.8	33.0	49.6

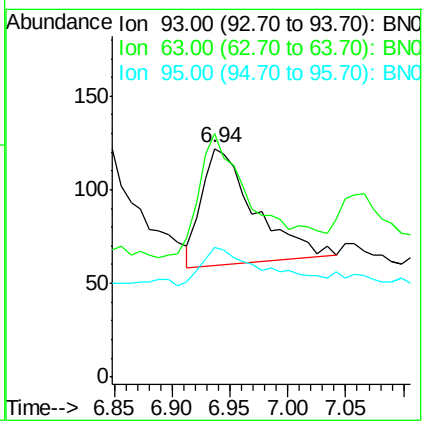


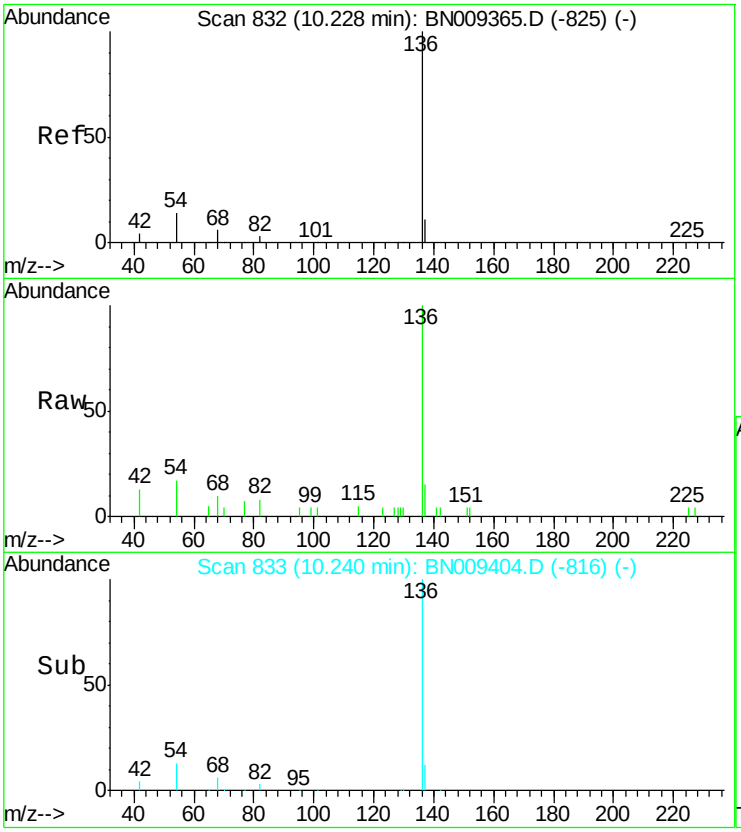


#6
bis(2-Chloroethyl)ether
Concen: 0.062 ng
RT: 6.94 min Scan# 510
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion: 93 Resp: 199

Ion	Ratio	Lower	Upper
93	100		
63	113.6	85.1	127.7
95	37.2	30.2	45.4



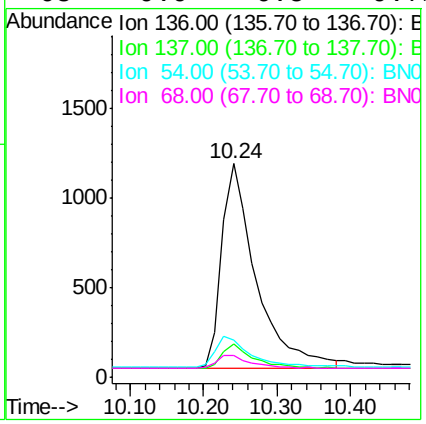


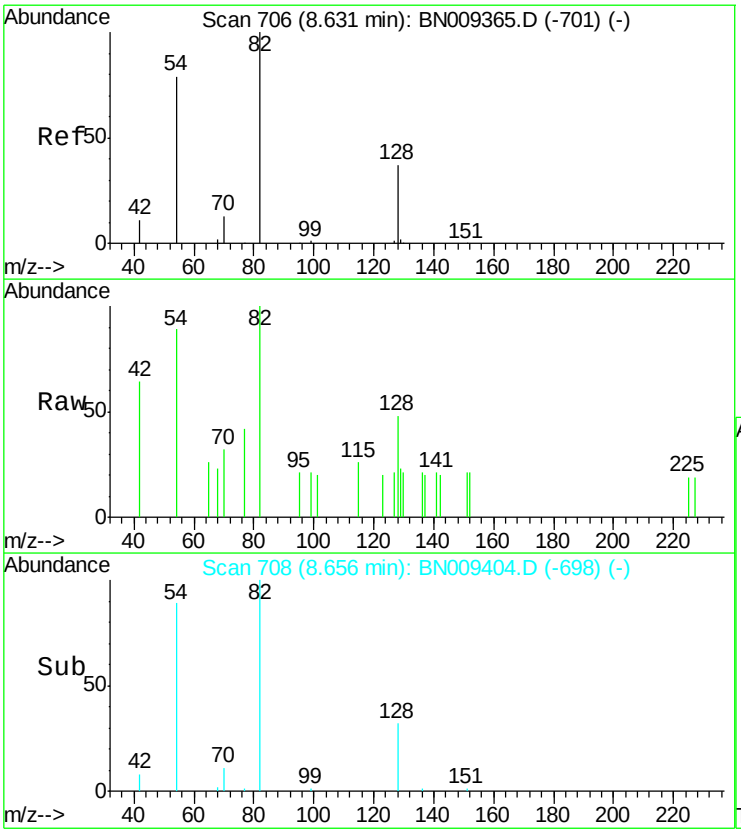
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 3735

Ion	Ratio	Lower	Upper
136	100		
137	15.4	10.3	15.5
54	17.4	12.6	19.0
68	9.9	6.5	9.7#

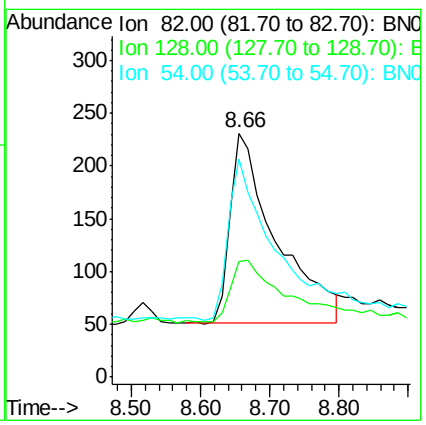


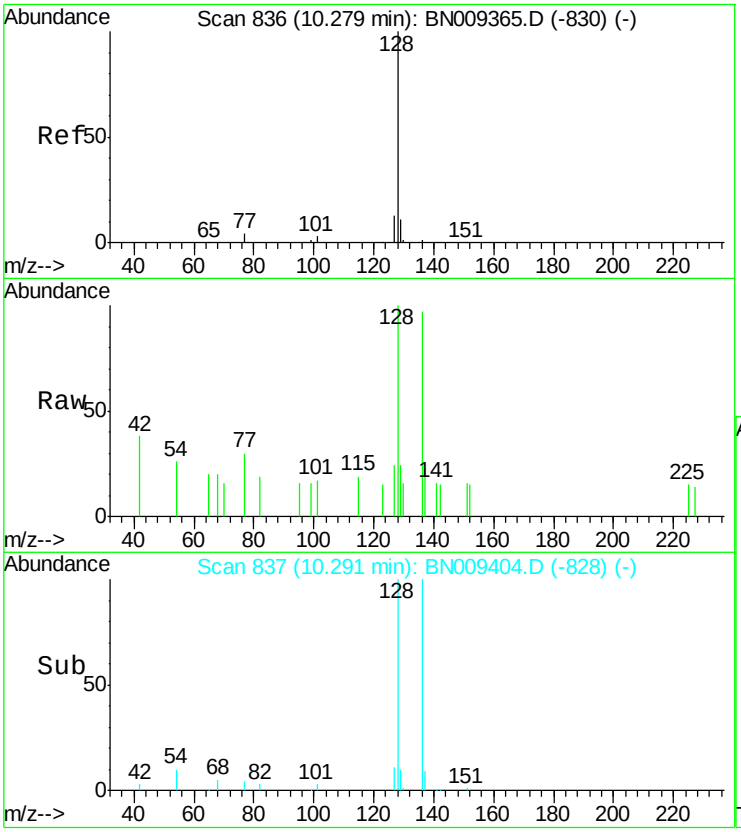


#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.03 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion: 82 Resp: 837

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.8	52.2
54	89.2	65.8	98.6



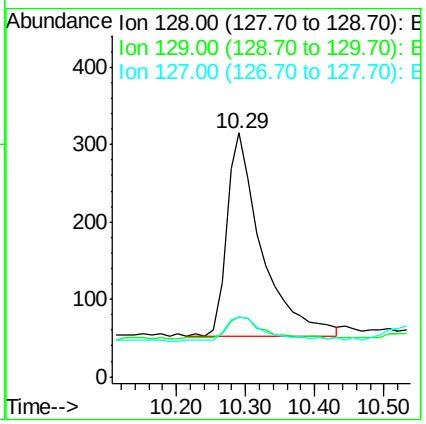


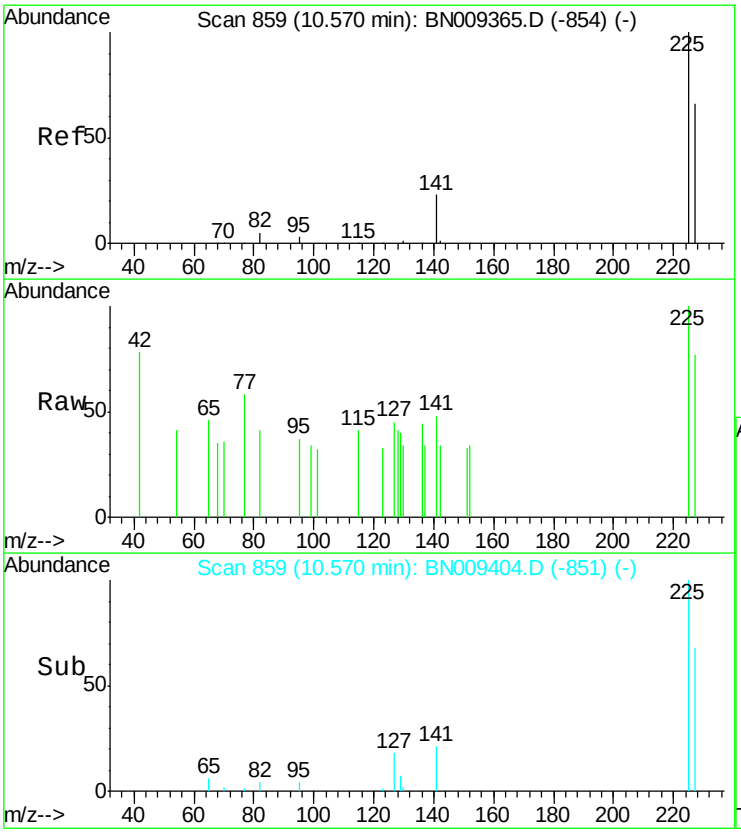
#9
Naphthalene
Concen: 0.091 ng
RT: 10.29 min Scan# 837
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 916

Ion	Ratio	Lower	Upper
128	100		
129	24.4	10.4	15.6#
127	24.4	11.4	17.2#

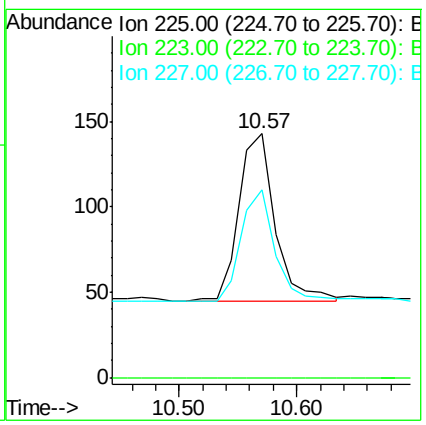


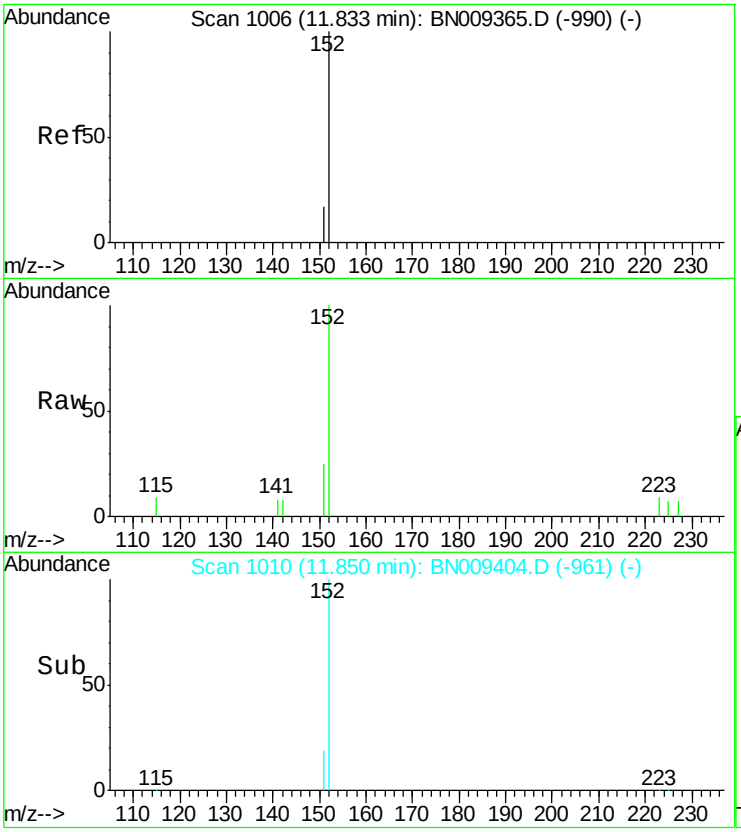


#10
Hexachlorobutadiene
Concen: 0.094 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:225 Resp: 208

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.0	52.6	78.8



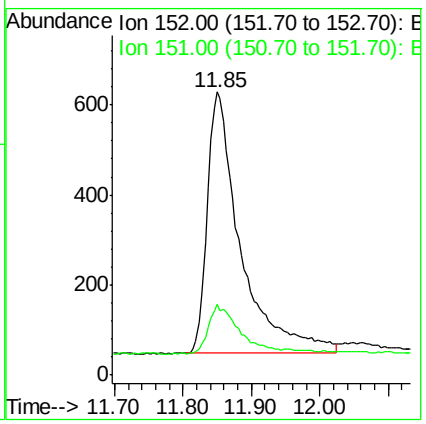


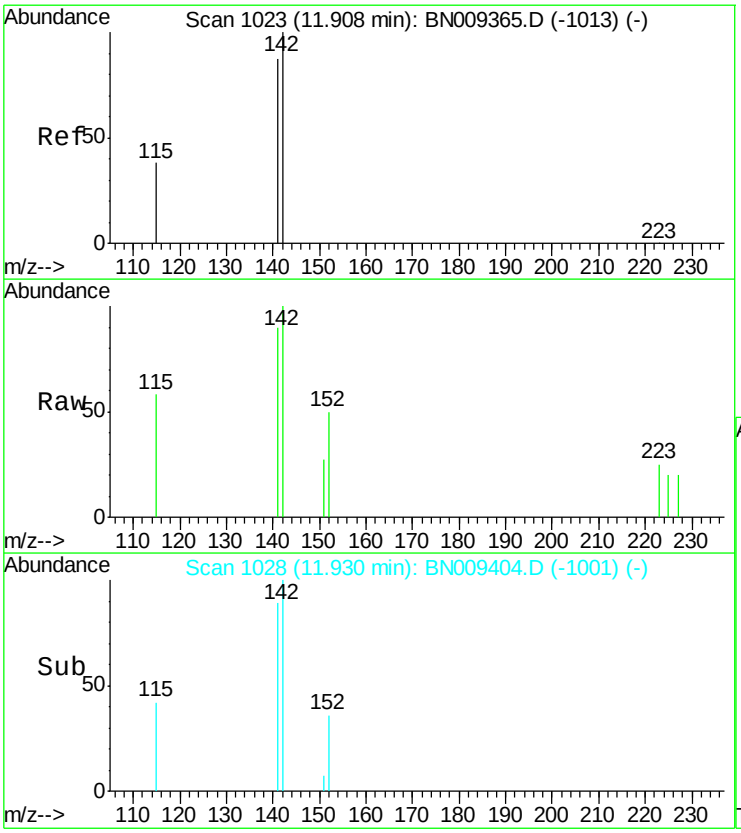
#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 11.85 min Scan# 1010
Delta R.T. 0.02 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1970

Ion	Ratio	Lower	Upper
152	100		
151	17.4	14.8	22.2

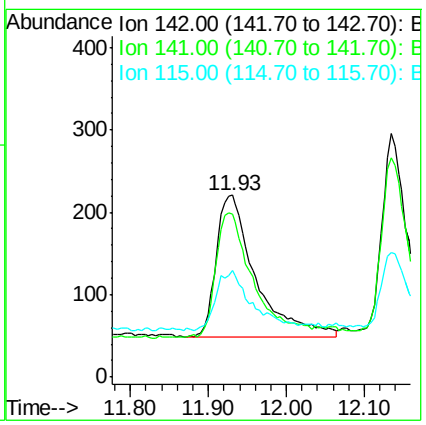


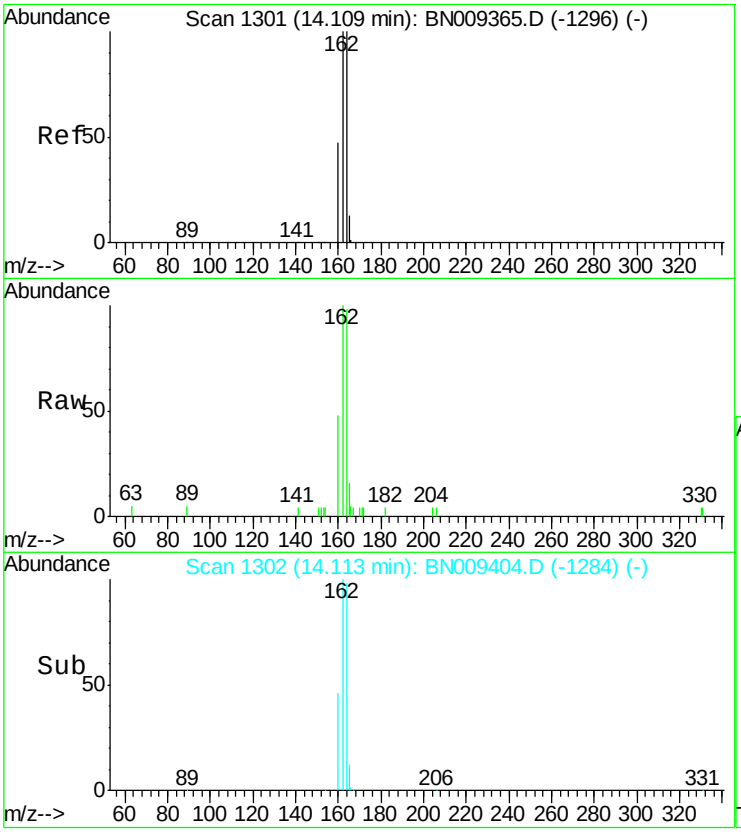


#12
2-Methylnaphthalene
Concen: 0.085 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.02 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:142 Resp: 601

Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.8	104.6
115	58.4	32.5	48.7#



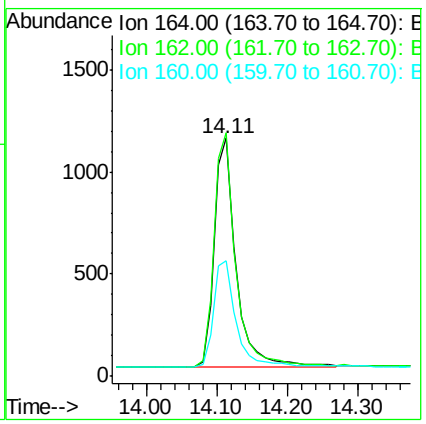


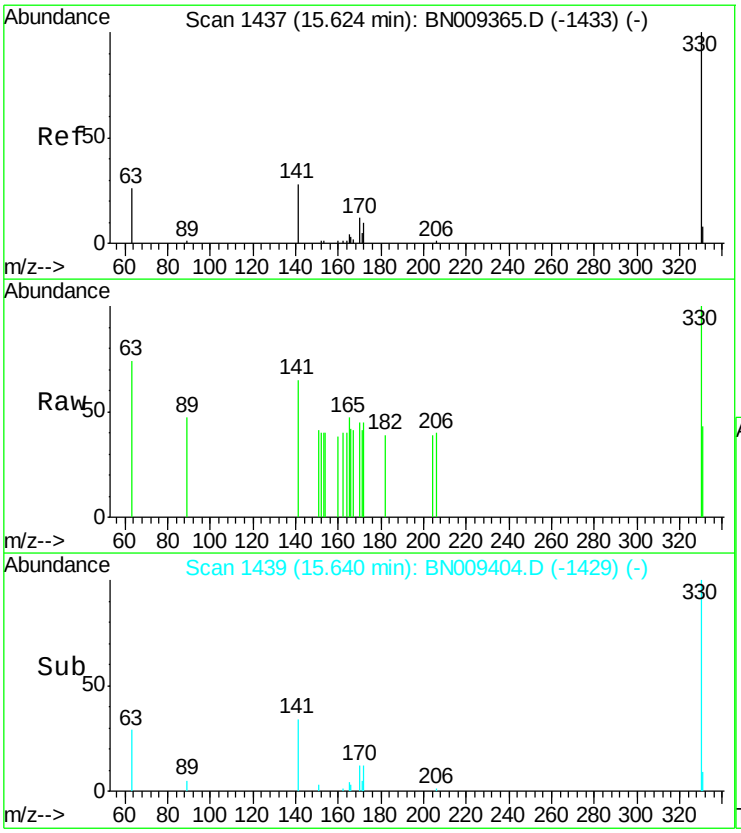
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2426

Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.8	119.6
160	48.6	38.4	57.6

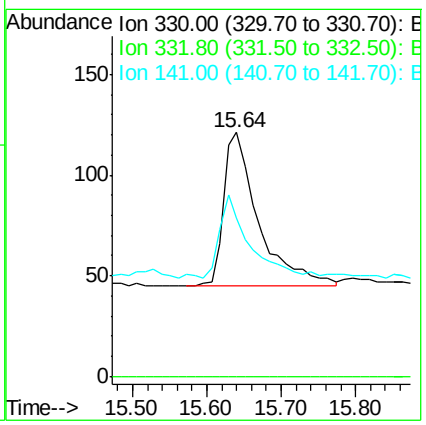


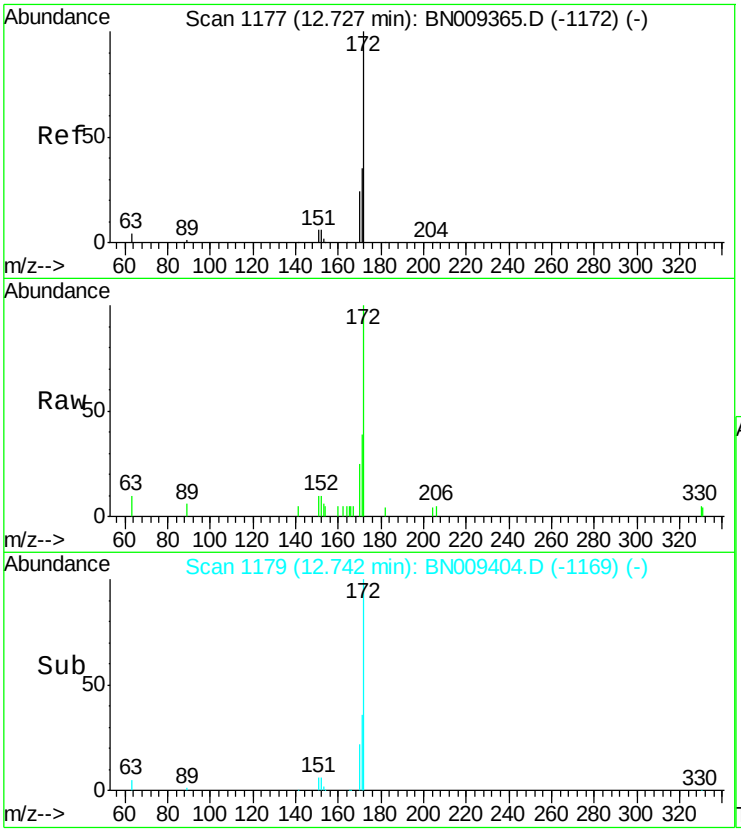


#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 15.64 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:330 Resp: 246

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.6	33.1	49.7



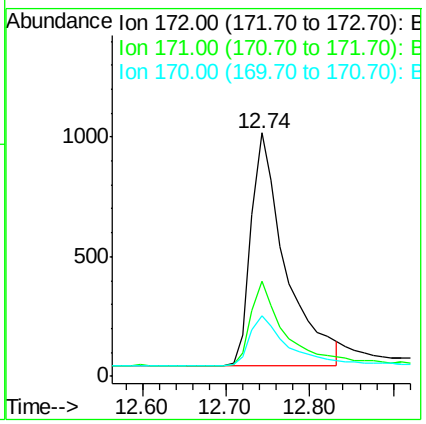


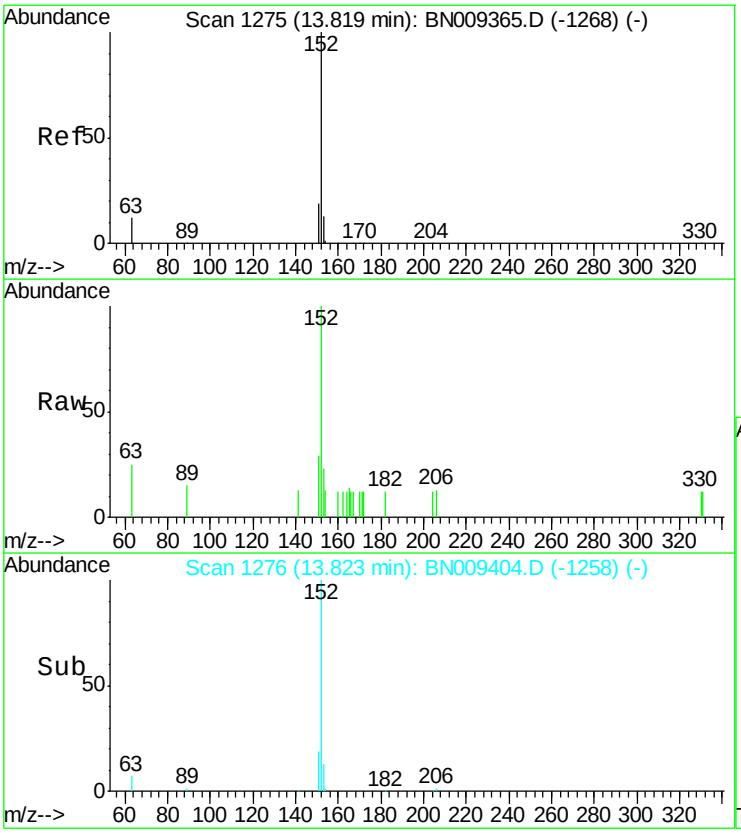
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.74 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 2788

Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.5	44.3
170	25.0	20.7	31.1

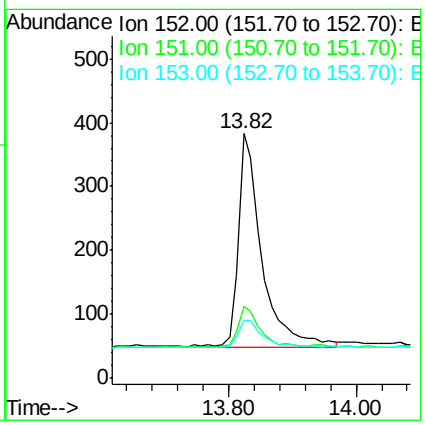


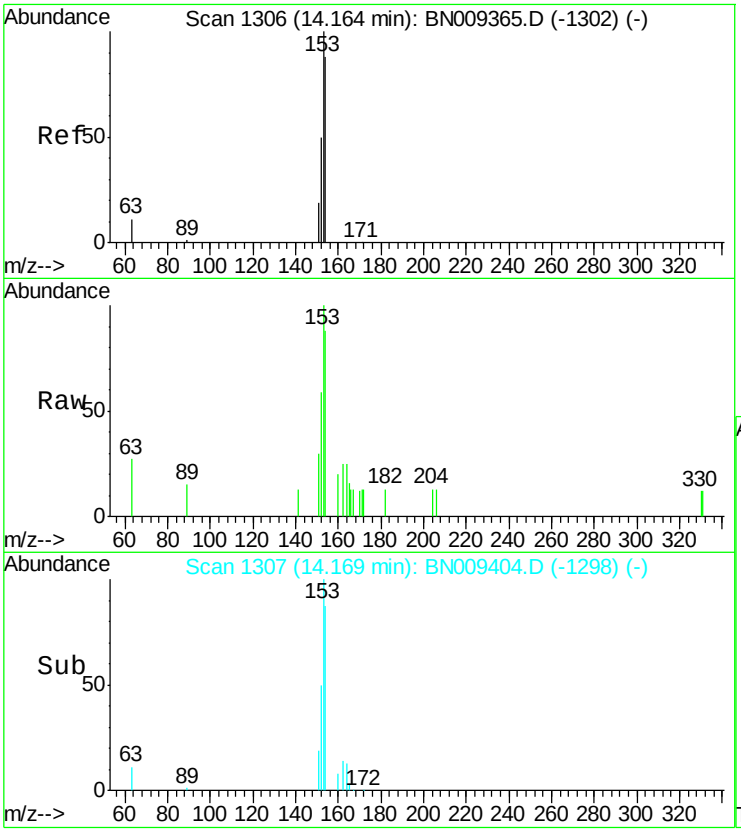


#16
Acenaphthylene
Concen: 0.082 ng
RT: 13.82 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:152 Resp: 857

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.4	23.2
153	13.5	10.4	15.6



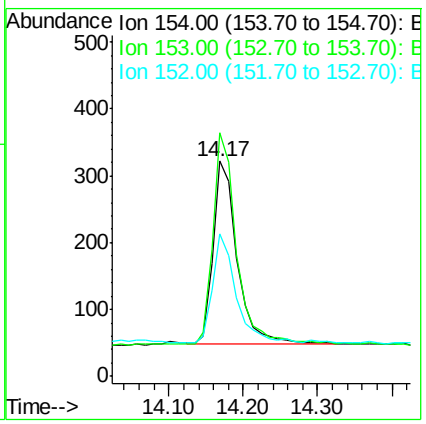


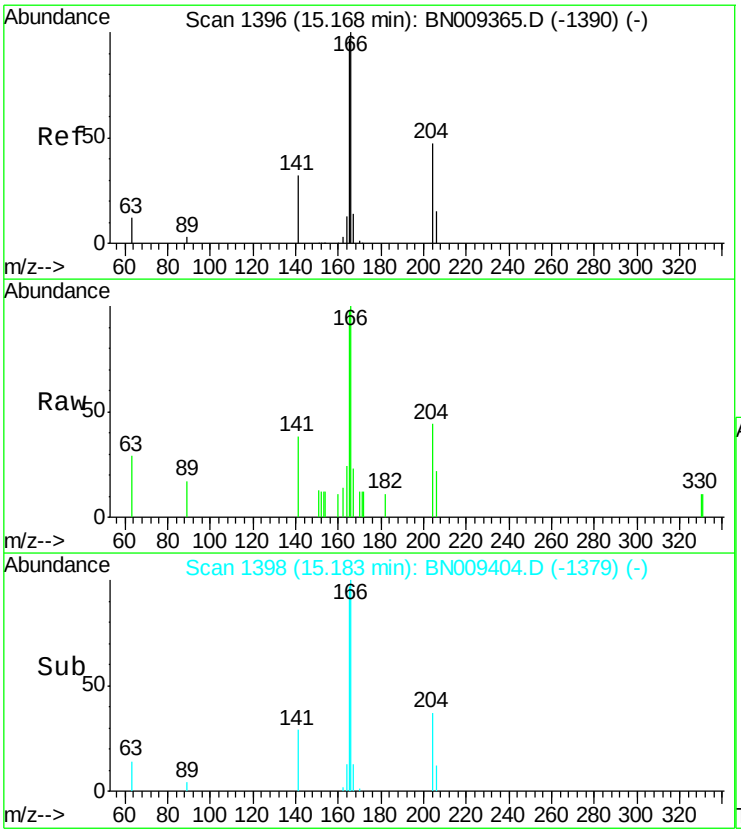
#17
Acenaphthene
Concen: 0.082 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 605

Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.5	135.7
152	58.8	45.3	67.9

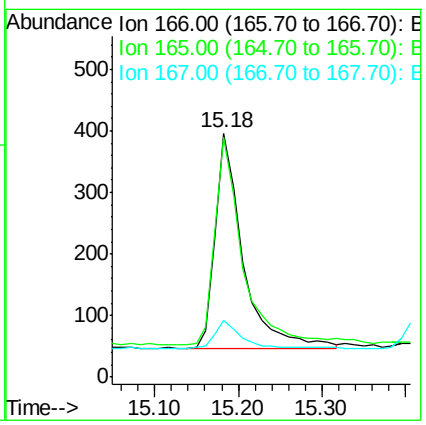


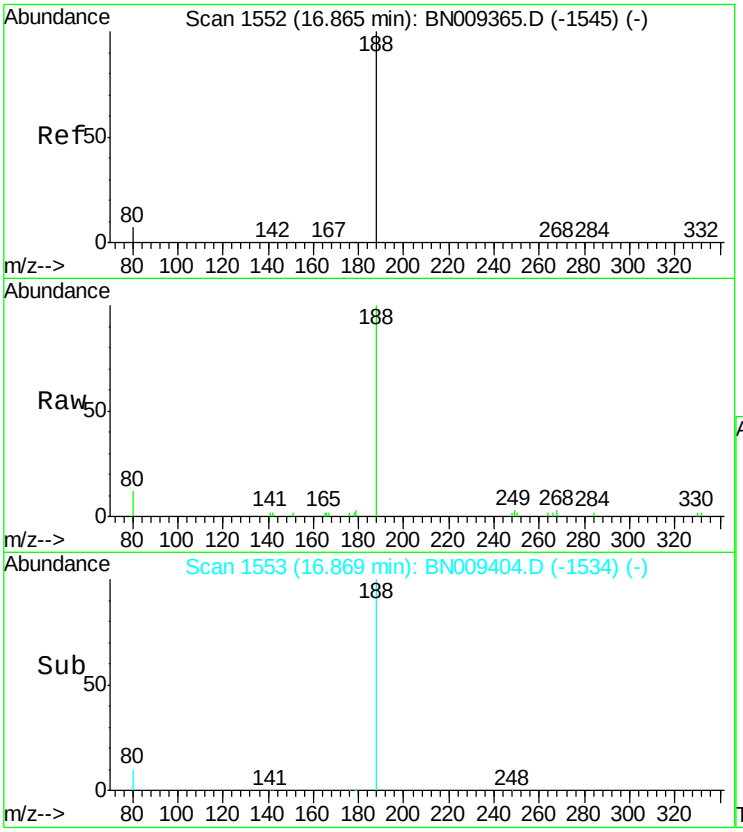


#18
Fluorene
Concen: 0.085 ng
RT: 15.18 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:166 Resp: 812

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.2	117.2
167	12.8	11.0	16.6



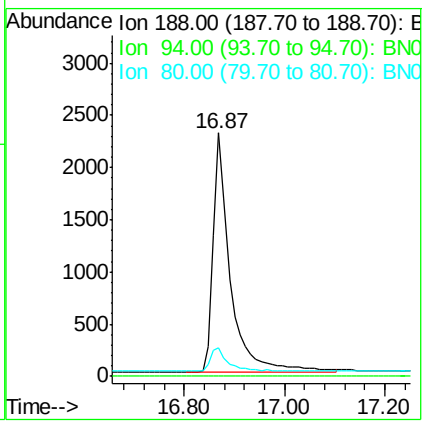


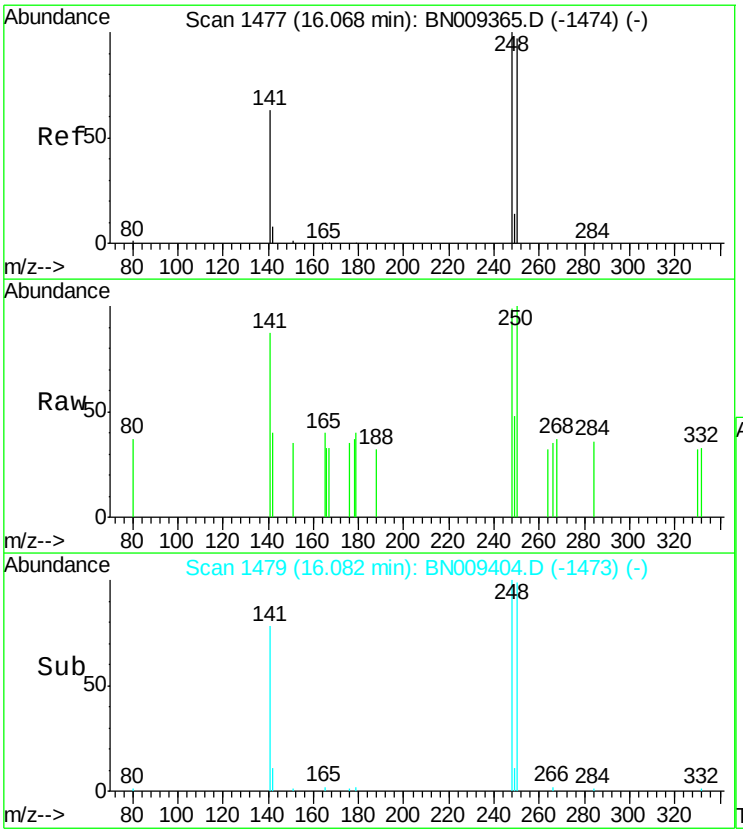
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.87 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 5397

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	6.6	10.0#

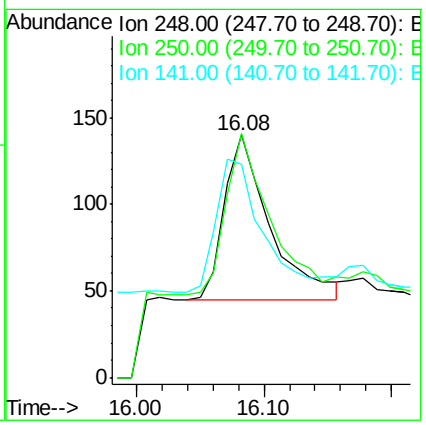


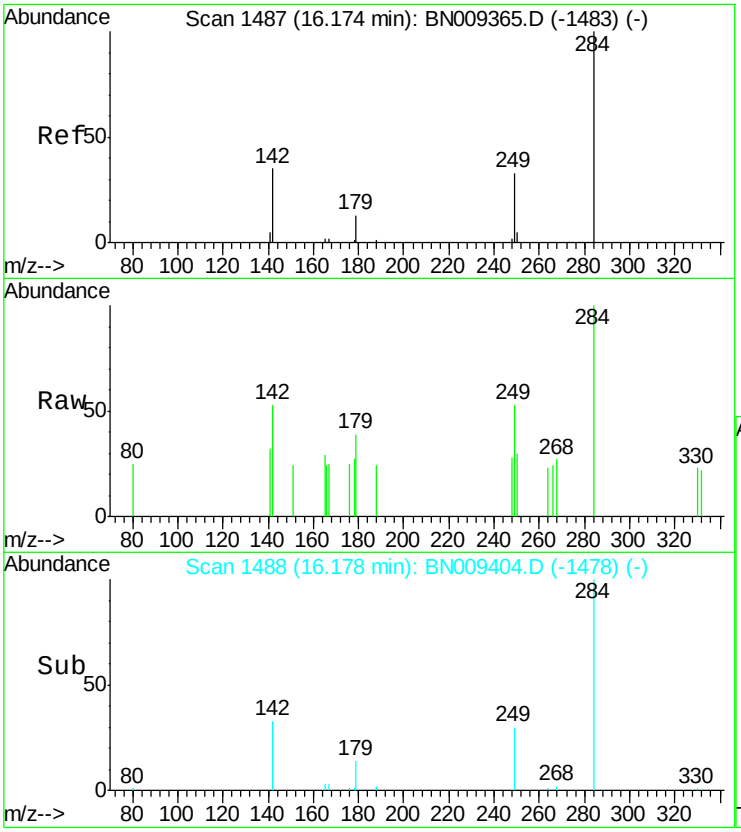


#20
4-Bromophenyl-phenylether
Concen: 0.073 ng
RT: 16.08 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:248 Resp: 236

Ion	Ratio	Lower	Upper
248	100		
250	100.7	77.8	116.8
141	87.9	53.4	80.0#



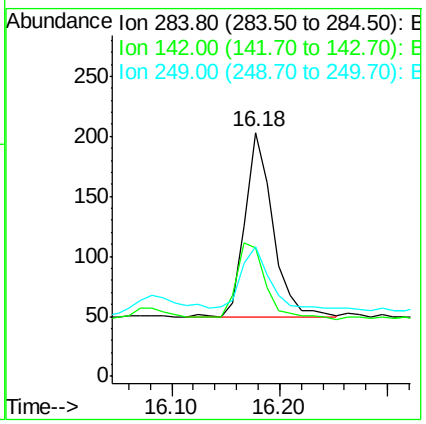


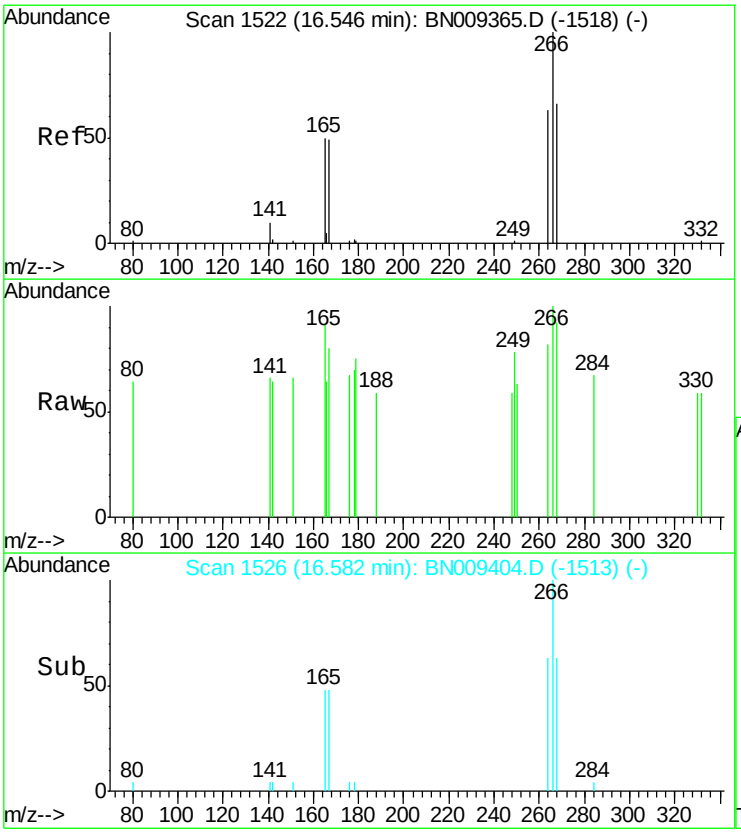
#21
Hexachlorobenzene
Concen: 0.081 ng
RT: 16.18 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 281

Ion	Ratio	Lower	Upper
284	100		
142	45.6	33.8	50.8
249	37.0	27.0	40.4

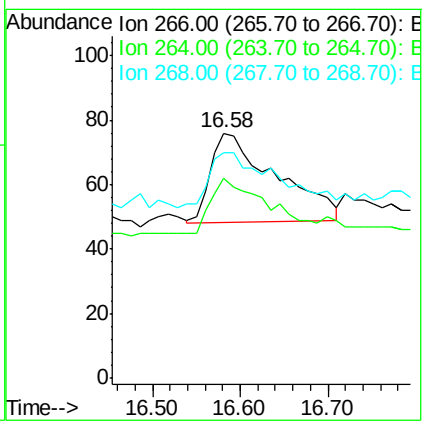


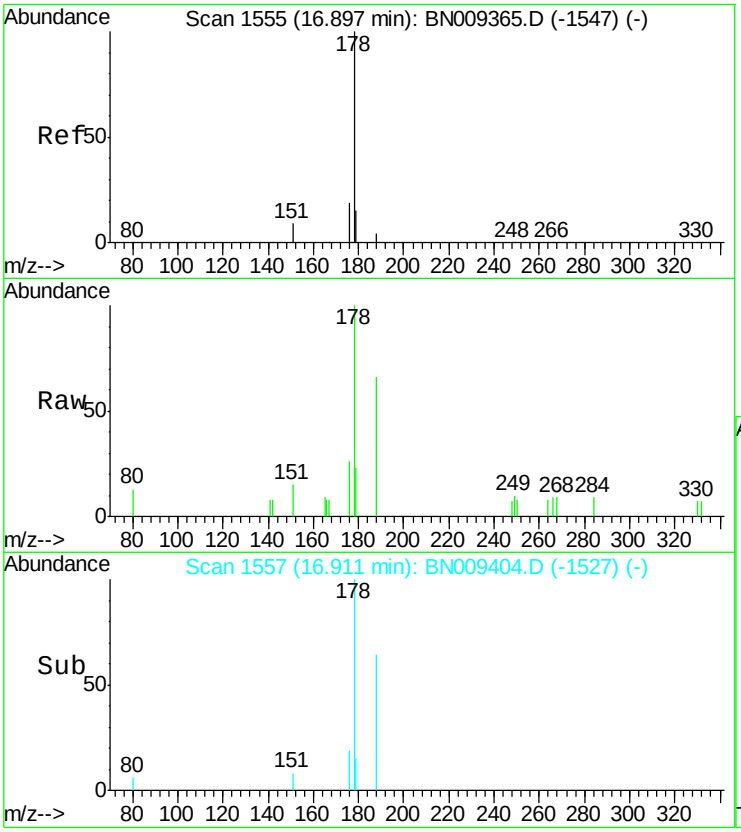


#22
Pentachlorophenol
Concen: 0.147 ng
RT: 16.58 min Scan# 1526
Delta R.T. 0.04 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:266 Resp: 143

Ion	Ratio	Lower	Upper
266	100		
264	81.6	57.8	86.6
268	92.1	63.8	95.6



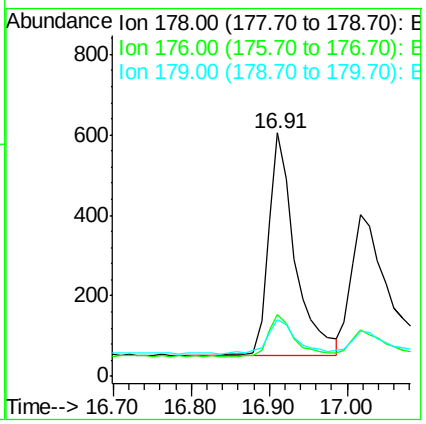


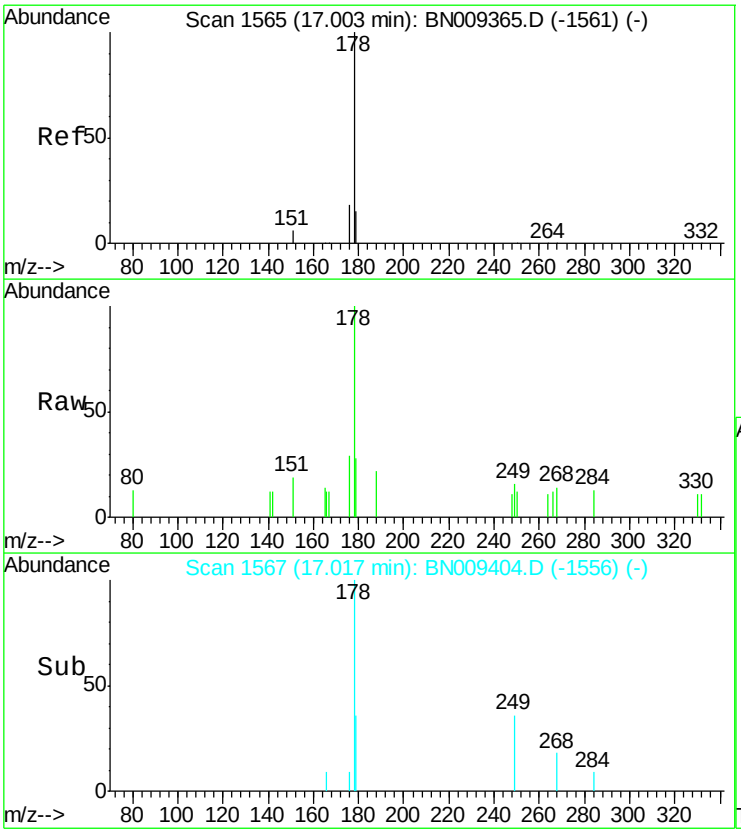
#23
Phenanthrene
Concen: 0.081 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1306

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.5	12.3	18.5

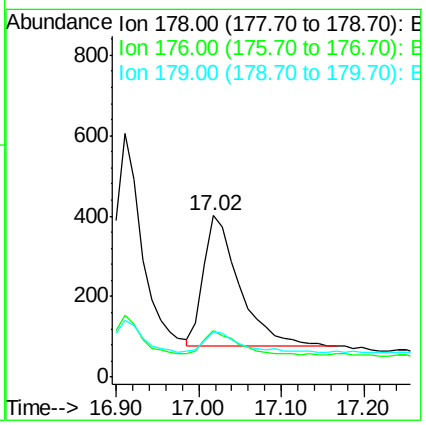


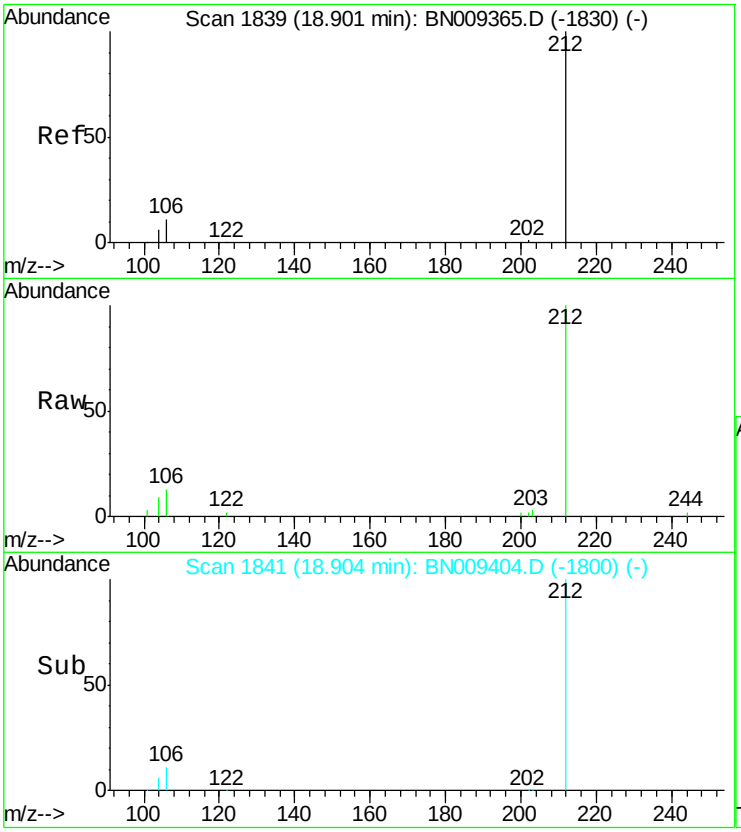


#24
Anthracene
Concen: 0.073 ng
RT: 17.02 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:178 Resp: 990

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.2	12.5	18.7



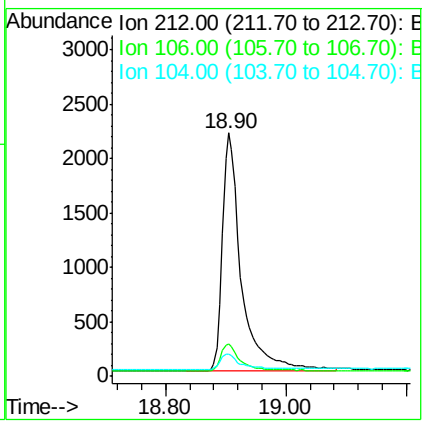


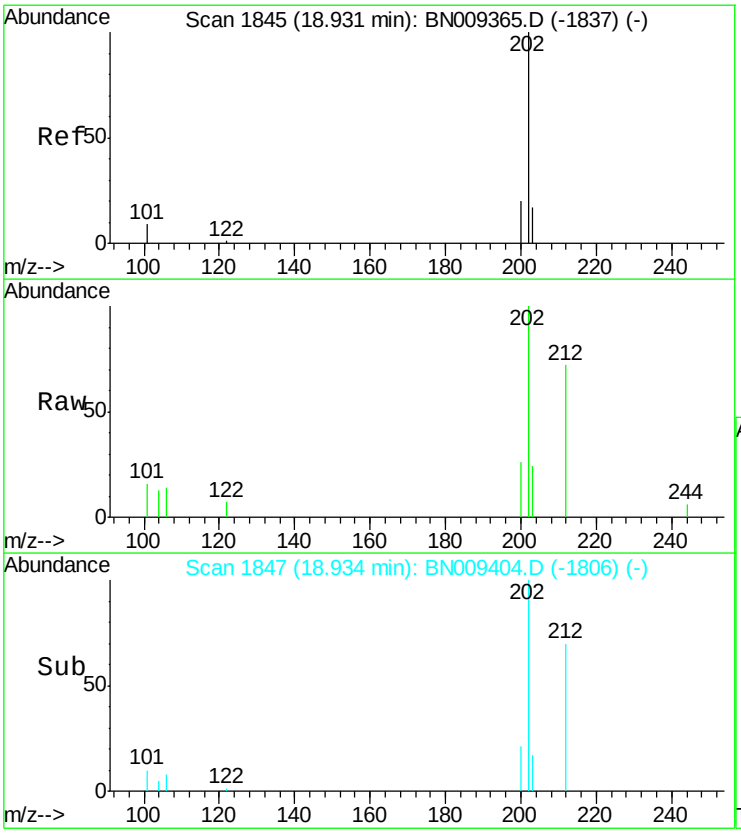
#25
Fluoranthene-d10
Concen: 0.262 ng
RT: 18.90 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 4849

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.2	13.8
104	7.0	5.4	8.0

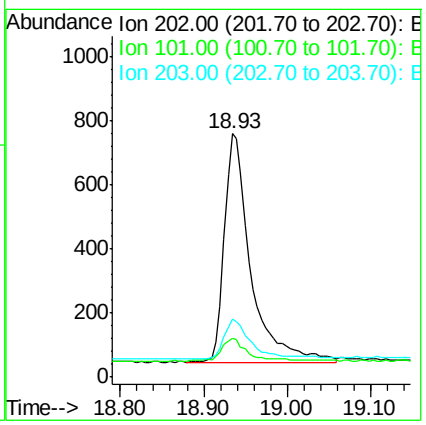


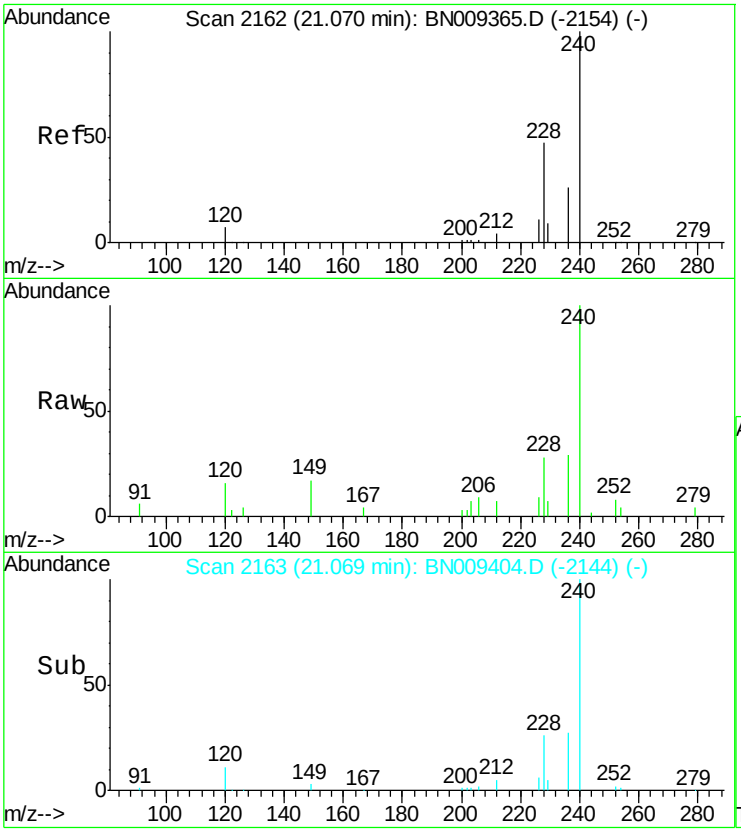


#26
Fluoranthene
Concen: 0.082 ng
RT: 18.93 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:202 Resp: 1560

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.0	12.0
203	17.1	13.5	20.3



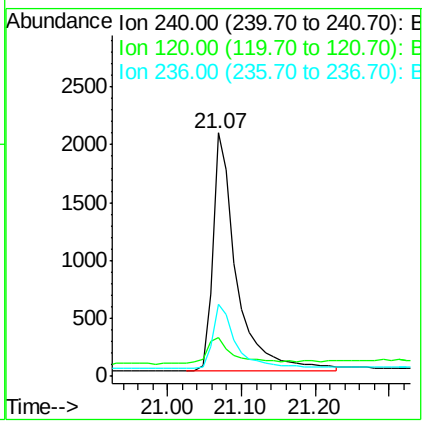


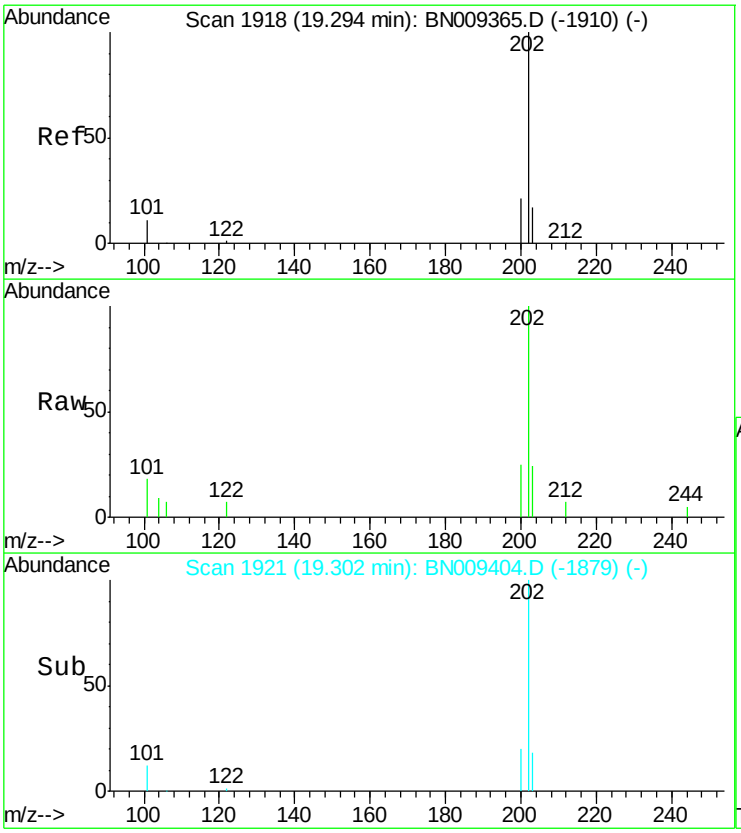
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4616

Ion	Ratio	Lower	Upper
240	100		
120	16.0	8.1	12.1#
236	29.5	22.2	33.4

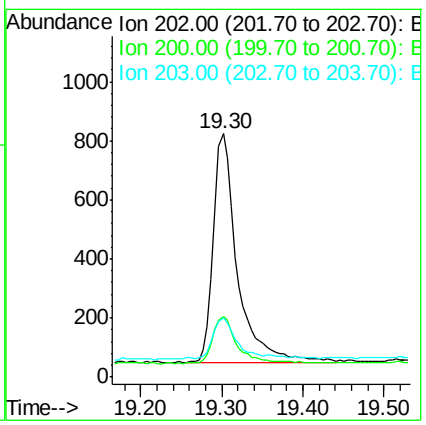


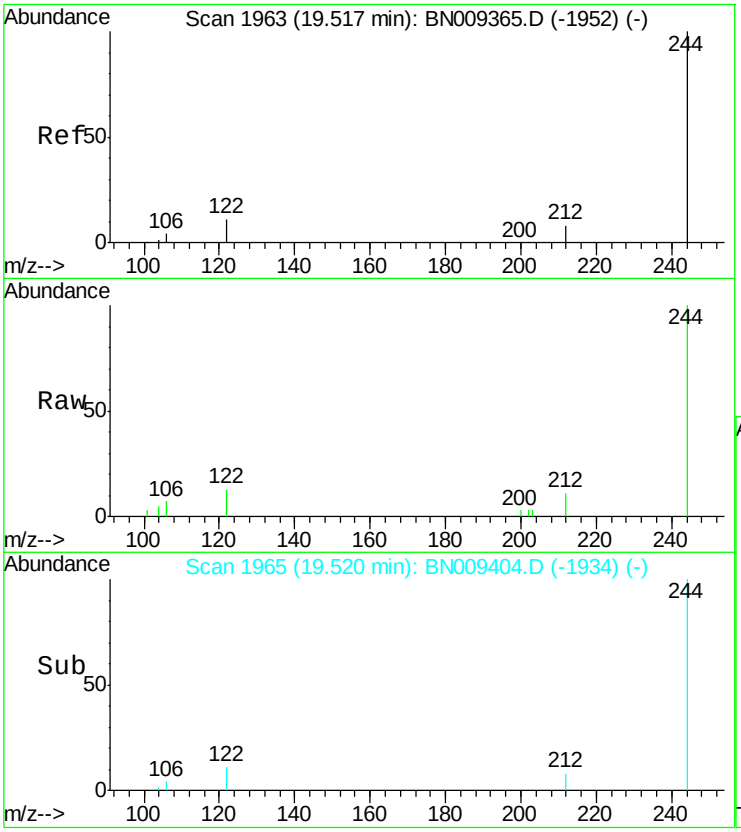


#28
Pyrene
Concen: 0.091 ng
RT: 19.30 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:202 Resp: 1590

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.2	24.2
203	18.6	14.1	21.1



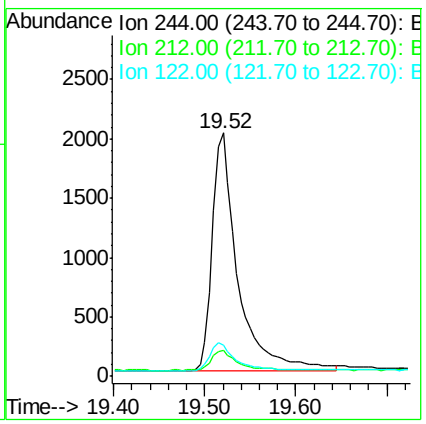


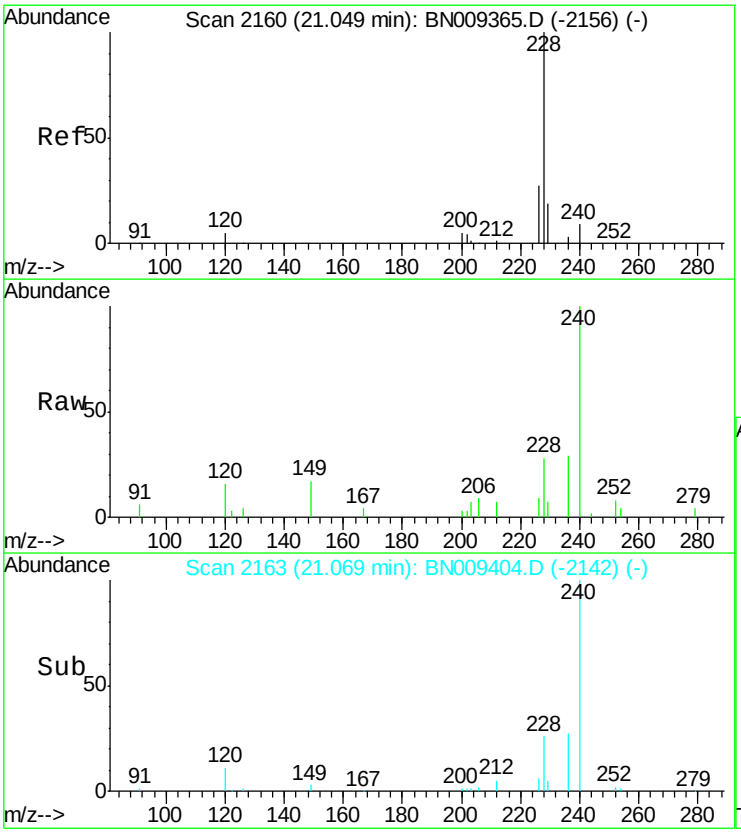
#29
Terphenyl-d14
Concen: 0.357 ng
RT: 19.52 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 3906

Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.5	11.3
122	12.9	9.8	14.6

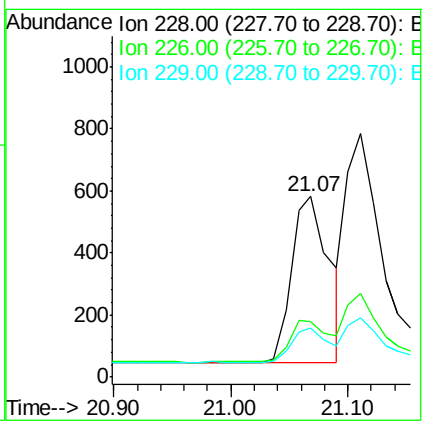


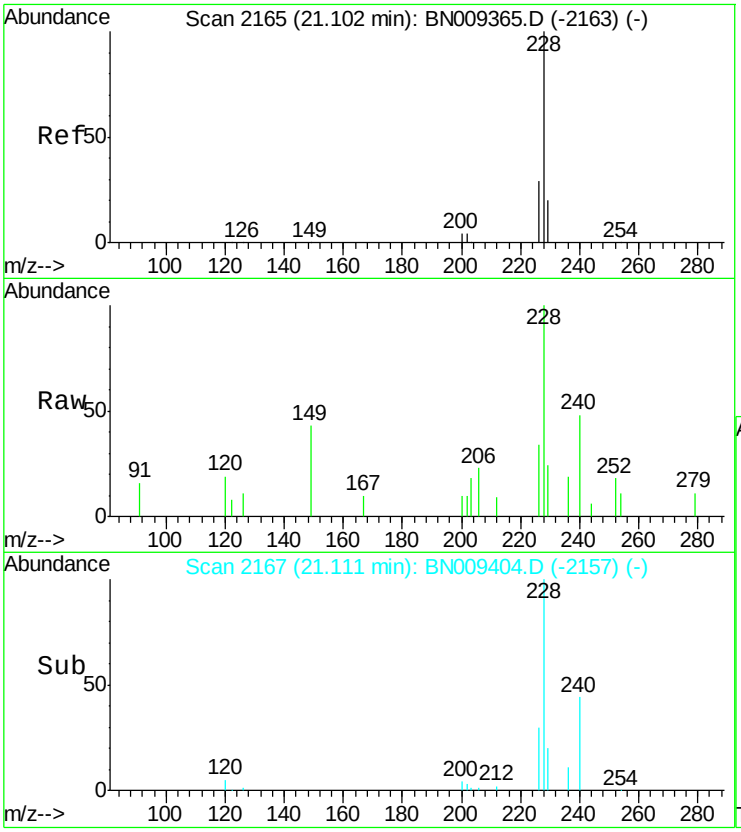


#30
Benzo(a)anthracene
Concen: 0.079 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.02 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:228 Resp: 1195

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.5	33.7
229	27.0	16.1	24.1#



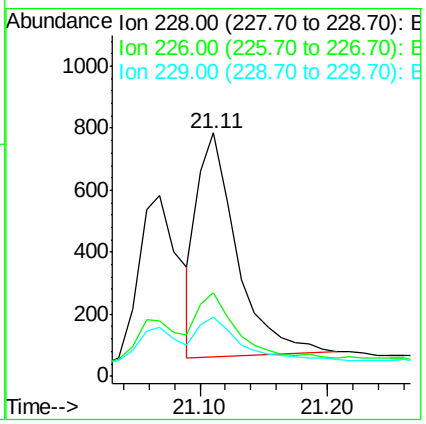


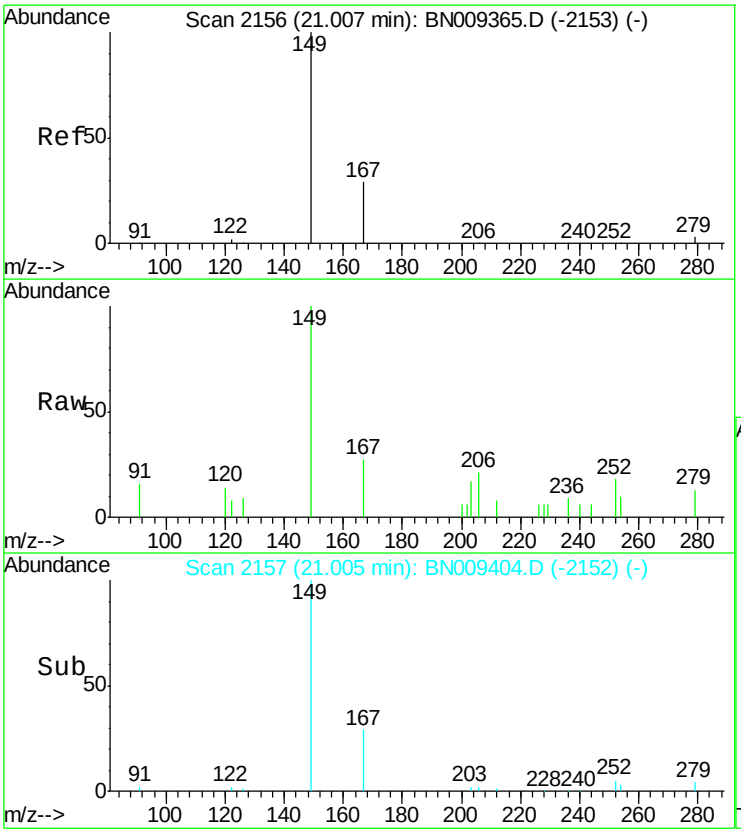
#31
Chrysene
Concen: 0.089 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1543

Ion	Ratio	Lower	Upper
228	100		
226	34.3	23.8	35.8
229	24.5	16.6	24.8

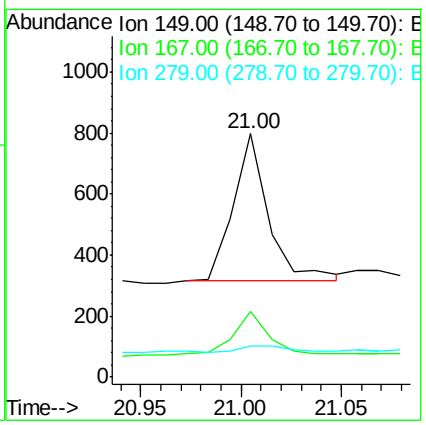


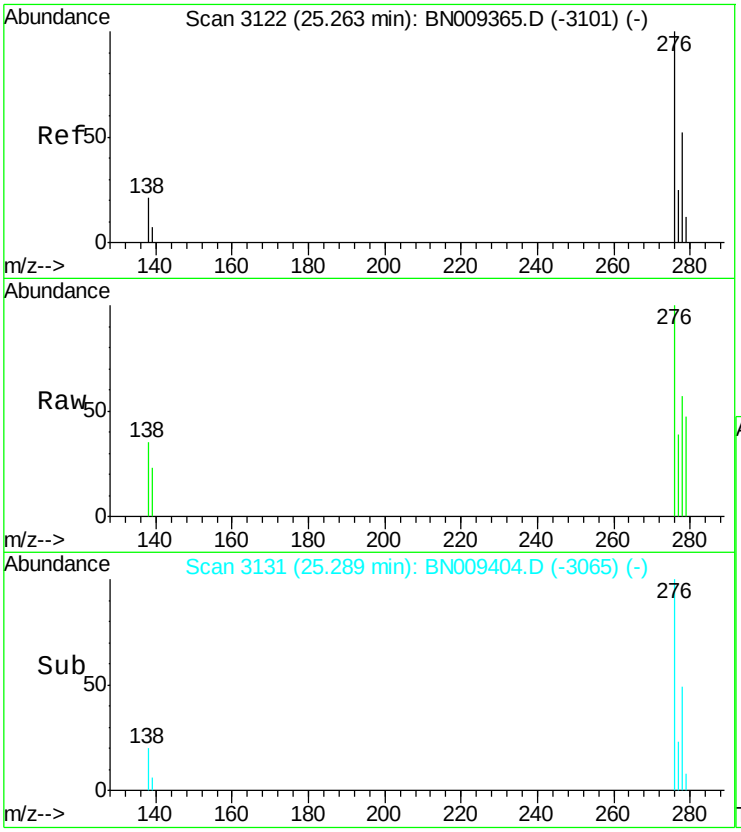


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.088 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:149 Resp: 588

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.9	34.3
279	5.6	3.4	5.0#



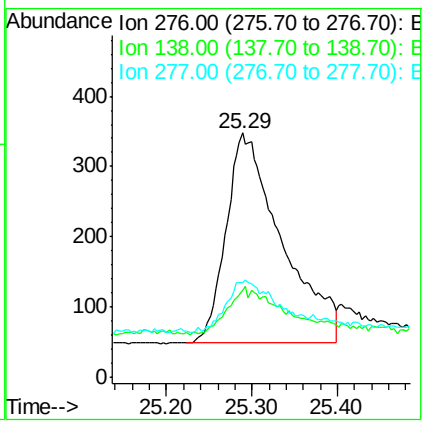


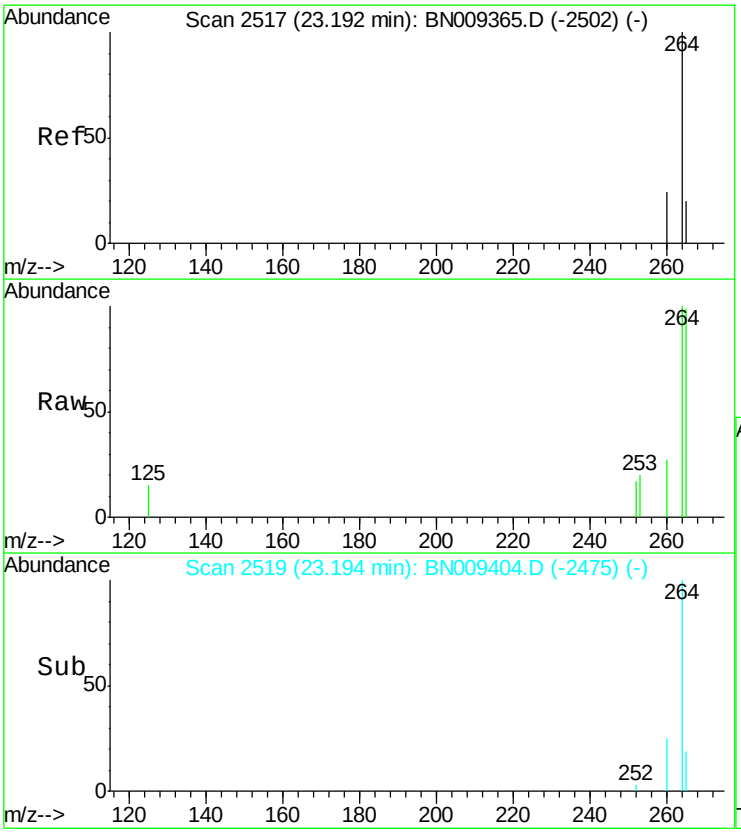
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng
RT: 25.29 min Scan# 3131
Delta R.T. 0.03 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1358

Ion	Ratio	Lower	Upper
276	100		
138	7.9	15.9	23.9#
277	20.5	19.8	29.6

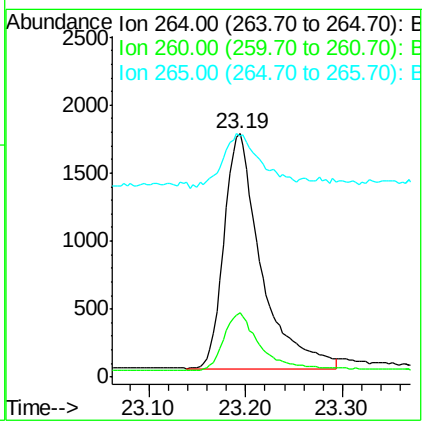


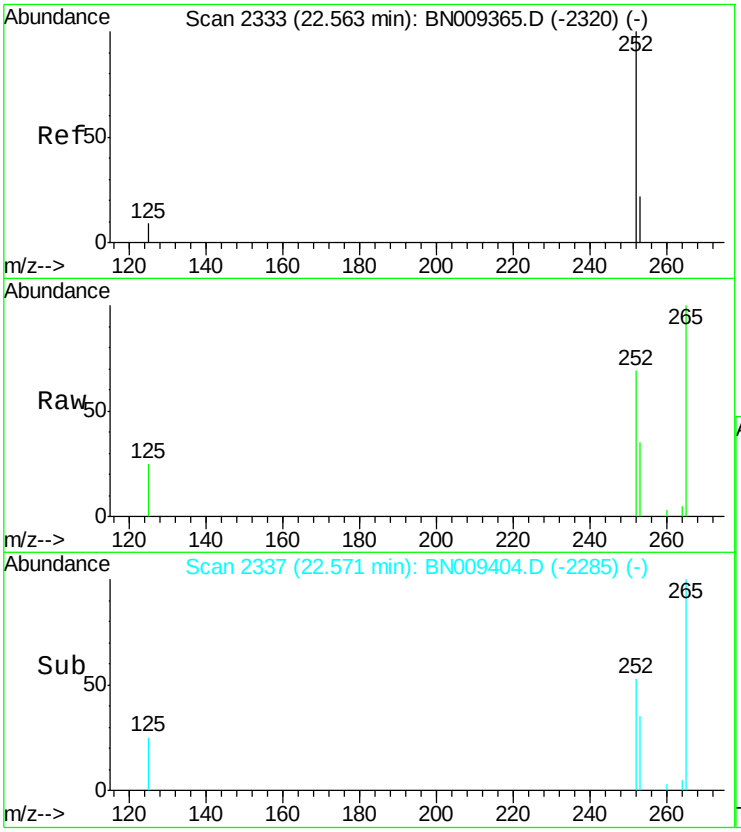


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:264 Resp: 4623

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.1	30.1
265	98.8	68.2	102.4



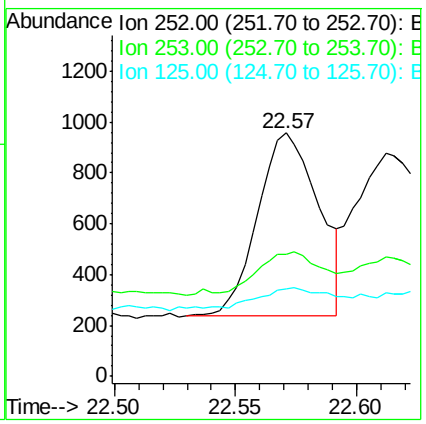


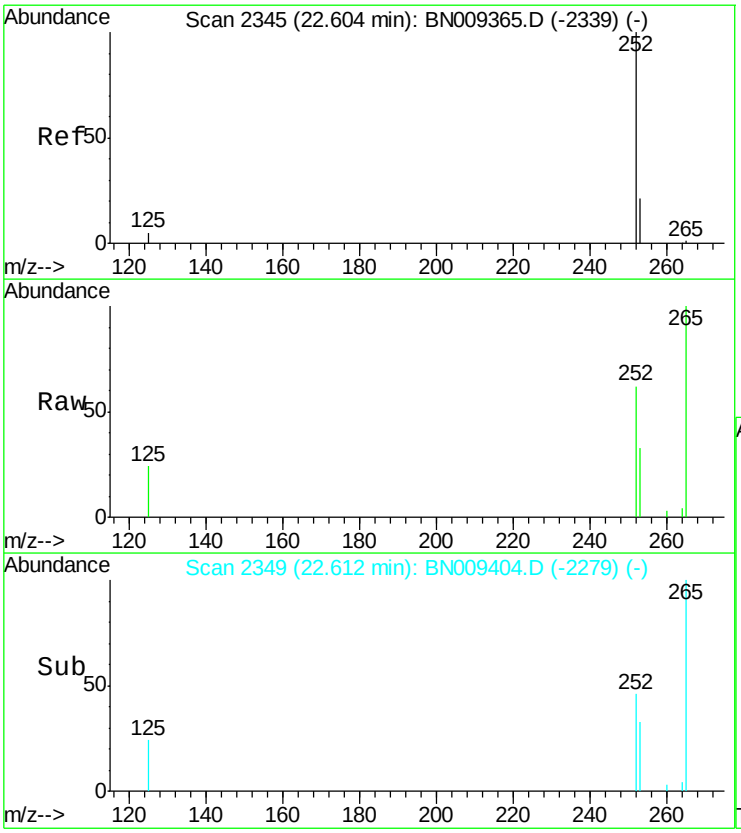
#35
Benzo(b)fluoranthene
Concen: 0.074 ng
RT: 22.57 min Scan# 2337
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1257

Ion	Ratio	Lower	Upper
252	100		
253	50.2	22.4	33.6#
125	36.1	11.6	17.4#

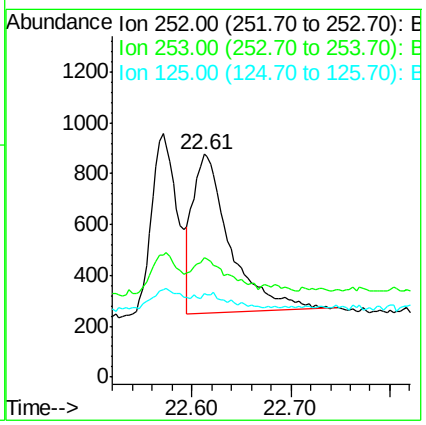


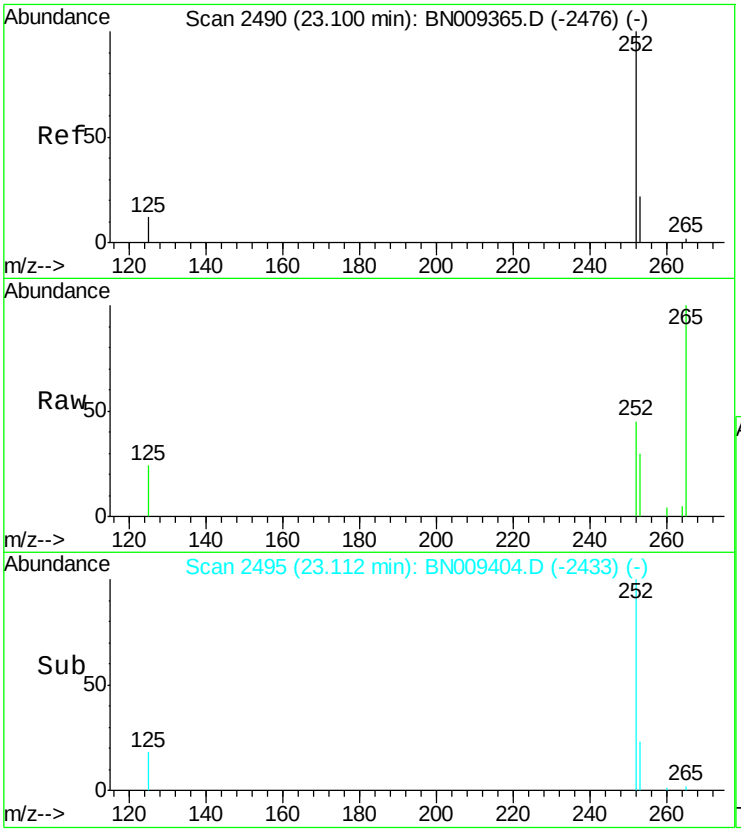


#36
Benzo(k)fluoranthene
Concen: 0.087 ng
RT: 22.61 min Scan# 2349
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:252 Resp: 1636

Ion	Ratio	Lower	Upper
252	100		
253	53.8	21.9	32.9#
125	37.8	12.0	18.0#



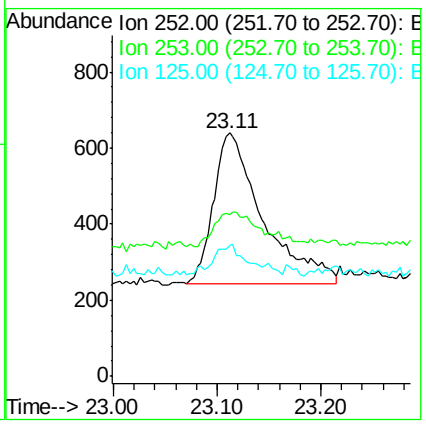


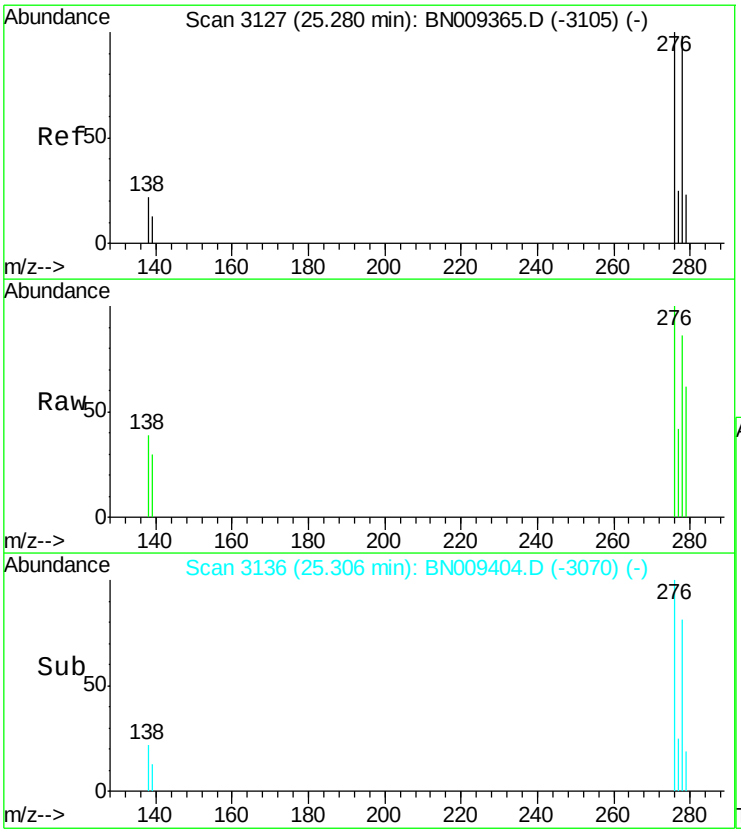
#37
Benzo(a)pyrene
Concen: 0.086 ng
RT: 23.11 min Scan# 2495
Delta R.T. 0.01 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1294

Ion	Ratio	Lower	Upper
252	100		
253	66.6	25.4	38.0#
125	53.6	16.2	24.2#

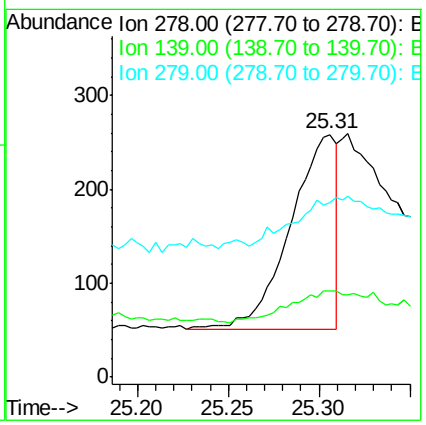


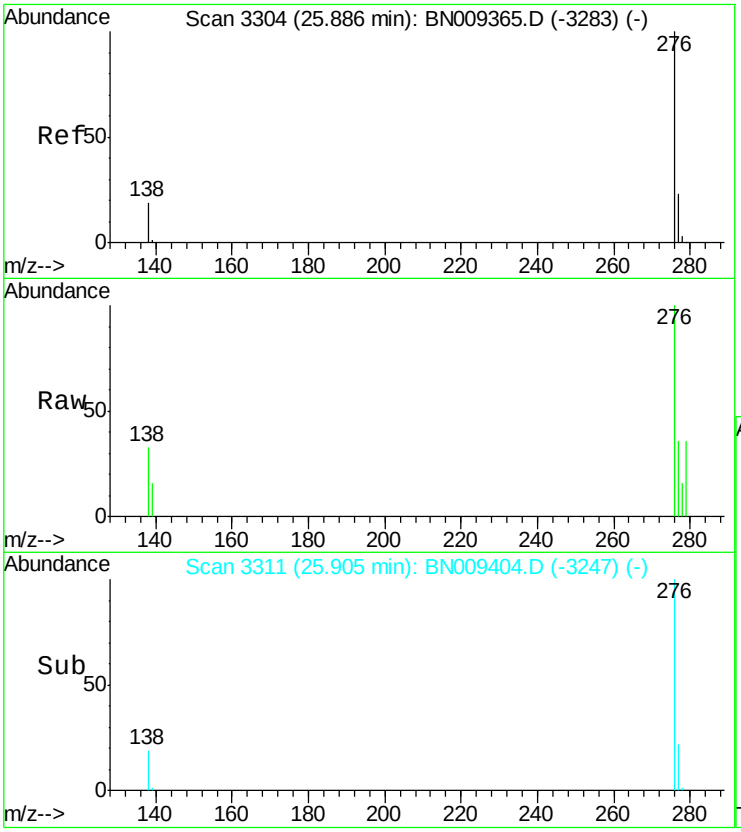


#38
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 25.31 min Scan# 3136
Delta R.T. 0.03 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:278 Resp: 366

Ion	Ratio	Lower	Upper
278	100		
139	35.3	14.5	21.7#
279	72.1	24.2	36.4#





#39
Benzo(g,h,i)perylene
Concen: 0.089 ng
RT: 25.90 min Scan# 3311
Delta R.T. 0.02 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1480

Ion	Ratio	Lower	Upper
276	100		
277	35.8	20.6	30.8#
138	32.8	17.1	25.7#