Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
Data File : BN009375.D
Acq On : 15 Jan 2020 12:23
Operator : JU
Sample : K3591-01
Misc : LOD-MDL-S-0.1NG
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 15 16:13:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1376	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4673	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	3058	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	6842	0.40	ng		0.00
27) Chrysene-d12	21.07	240	5906	0.40	ng		0.00
34) Perylene-d12	23.19	264	5980	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1214	0.38	ng		0.00
5) Phenol-d6	6.69	99	1310	0.36	ng		0.00
8) Nitrobenzene-d5	8.66	82	1192	0.32	ng		0.03
11) 2-Methylnaphthalene-d10	11.85	152	2683	0.30	ng		0.01
14) 2,4,6-Tribromophenol	15.64	330	373	0.32	ng		0.01
15) 2-Fluorobiphenyl	12.74	172	3955	0.35	ng		0.01
25) Fluoranthene-d10	18.90	212	7176	0.31	ng		0.00
29) Terphenyl-d14	19.51	244	5672	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	118	0.082	ng		98
6) bis(2-Chloroethyl)ether	6.94	93	330	0.087	ng	#	76
9) Naphthalene	10.29	128	1100	0.087	ng	#	82
10) Hexachlorobutadiene	10.57	225	236	0.085	ng	#	98
12) 2-Methylnaphthalene	11.92	142	759	0.086	ng	#	91
16) Acenaphthylene	13.83	152	1043	0.079	ng		99
17) Acenaphthene	14.18	154	780	0.084	ng		99
18) Fluorene	15.18	166	999	0.083	ng		99
20) 4-Bromophenyl-phenylether	16.08	248	312	0.076	ng		93
21) Hexachlorobenzene	16.17	284	367	0.084	ng		95
22) Pentachlorophenol	16.57	266	214	0.174	ng		90
23) Phenanthrene	16.91	178	1672	0.081	ng		99
24) Anthracene	17.01	178	1330	0.077	ng		97
26) Fluoranthene	18.94	202	2011	0.083	ng		98
28) Pyrene	19.30	202	2000	0.089	ng		98
30) Benzo(a)anthracene	21.06	228	1473	0.076	ng		93
31) Chrysene	21.11	228	2061	0.093	ng		94
32) Bis(2-ethylhexyl)phthalate	21.01	149	809	0.094	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.29	276	1911	0.083	ng		94
35) Benzo(b)fluoranthene	22.57	252	1771	0.081	ng	#	54
36) Benzo(k)fluoranthene	22.61	252	2106	0.087	ng	#	63
37) Benzo(a)pyrene	23.11	252	1738	0.090	ng	#	1
38) Dibenzo(a,h)anthracene	25.30	278	1329	0.068	ng	#	54
39) Benzo(g,h,i)perylene	25.91	276	1833	0.086	ng	#	82

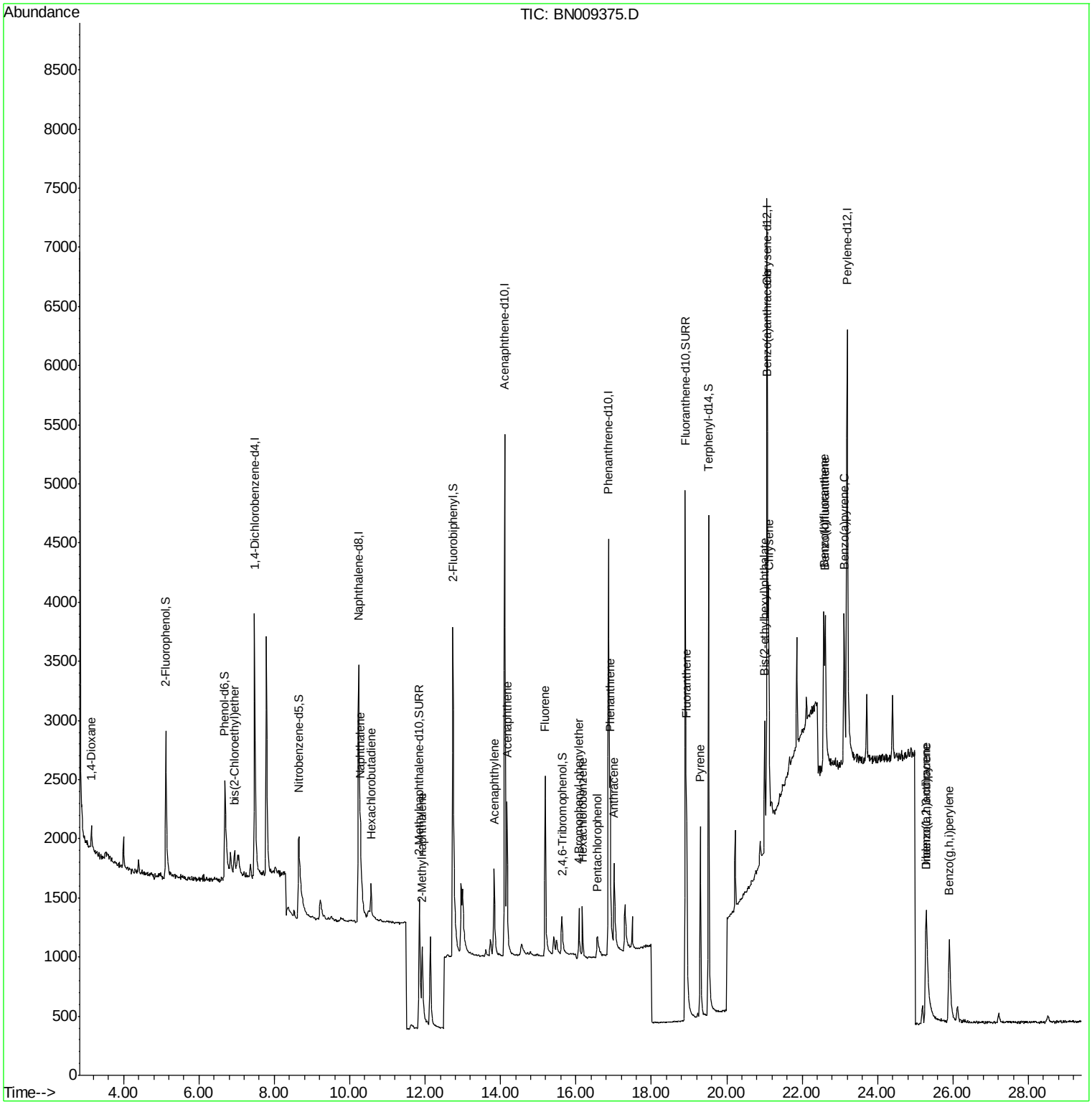
(#) = qualifier out of range (m) = manual integration (+) = signals summed

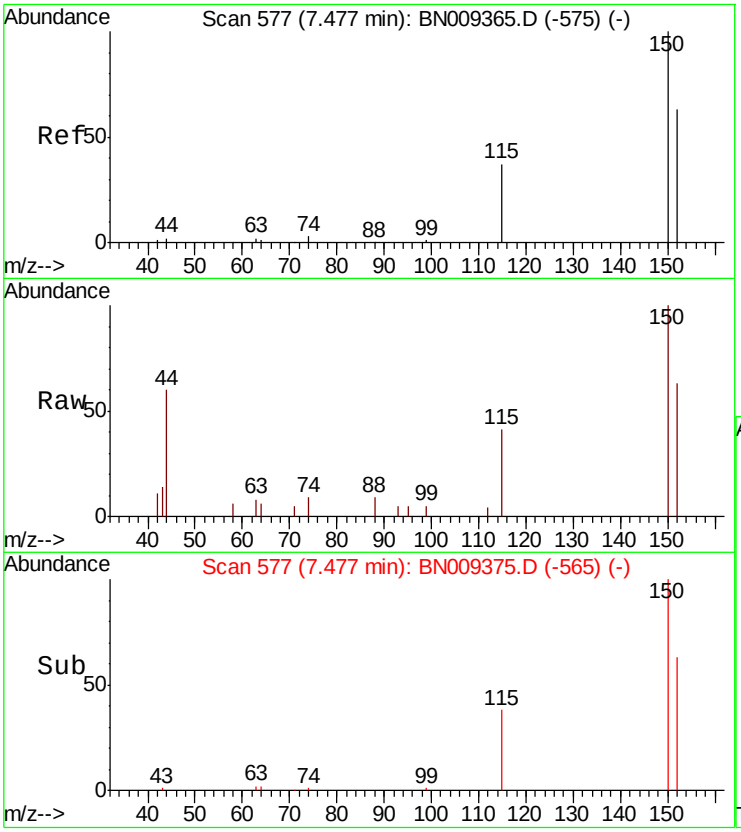
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
Data File : BN009375.D
Acq On : 15 Jan 2020 12:23
Operator : JU
Sample : K3591-01
Misc : LOD-MDL-S-0.1NG
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 15 16:13:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration



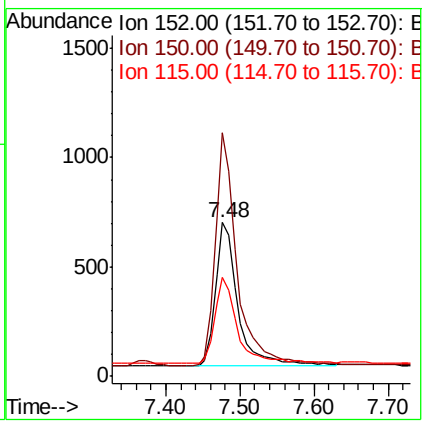


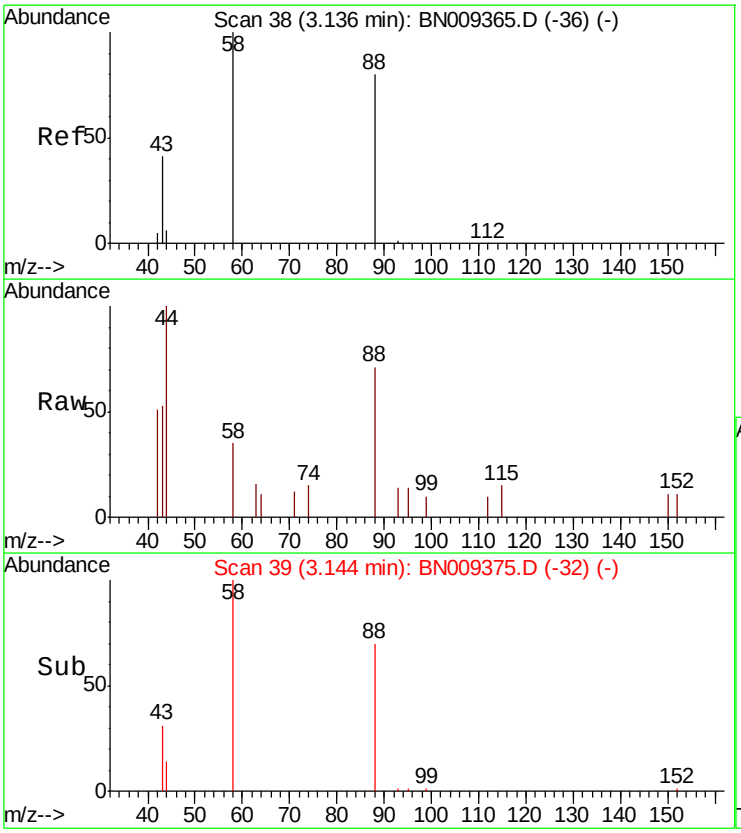
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1376

Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.7	188.5
115	64.7	53.3	79.9

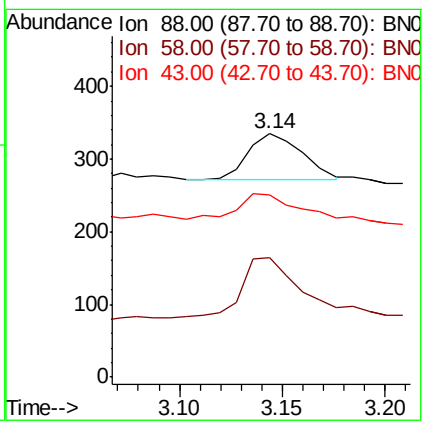


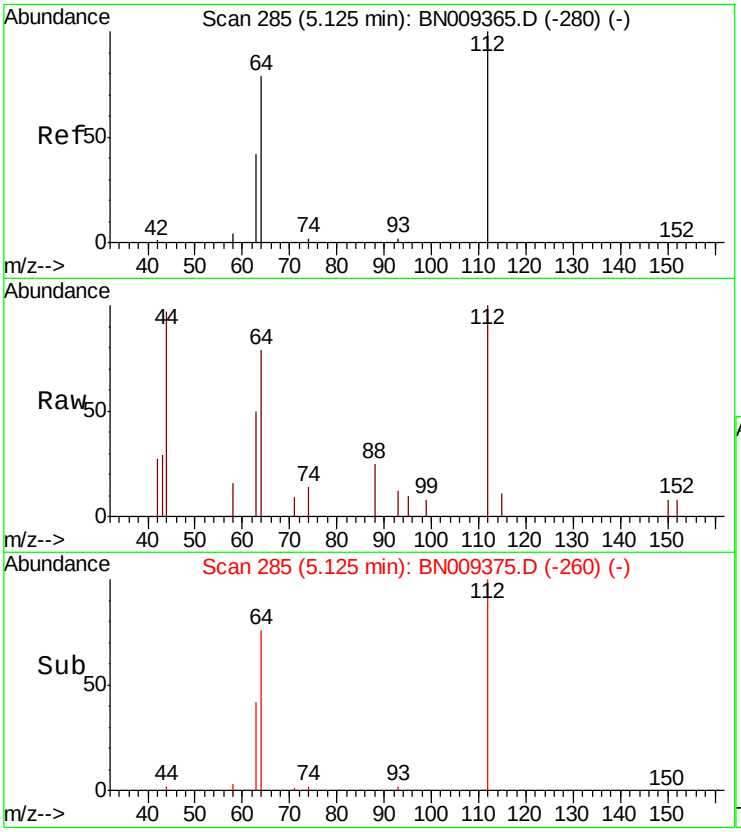


#2
1,4-Dioxane
Concen: 0.082 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion: 88 Resp: 118

Ion	Ratio	Lower	Upper
88	100		
58	124.6	100.2	150.2
43	56.8	43.1	64.7



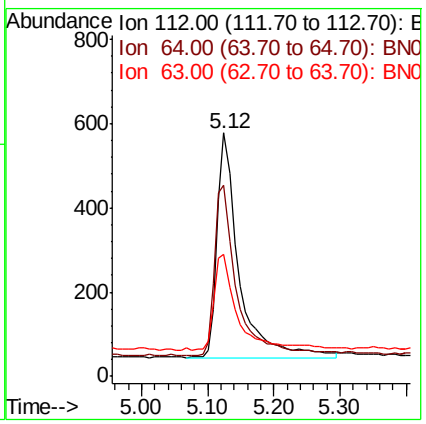


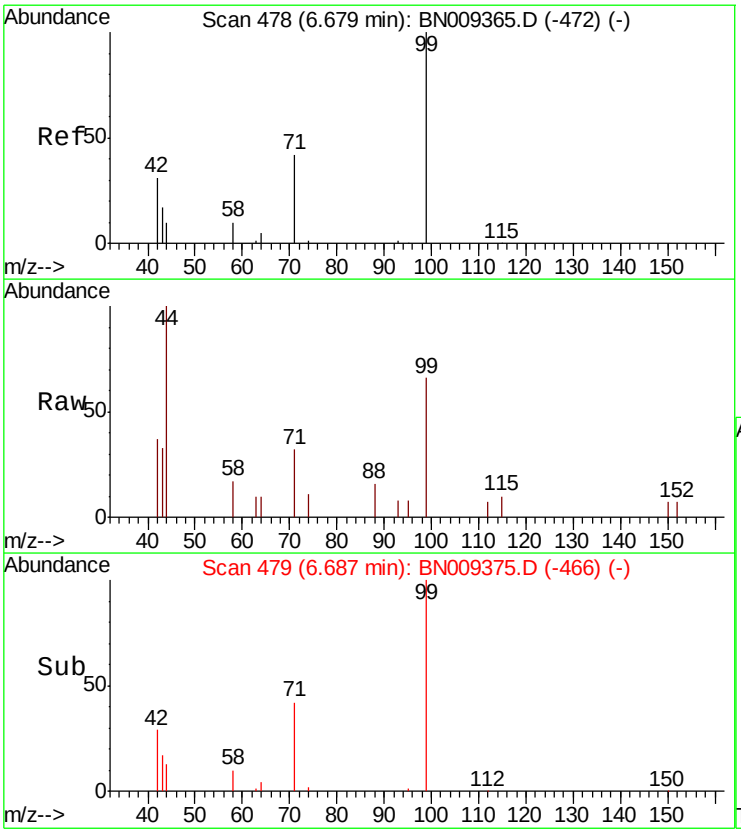
#4
2-Fluorophenol
Concen: 0.383 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1214

Ion	Ratio	Lower	Upper
112	100		
64	76.7	61.5	92.3
63	45.5	35.0	52.4

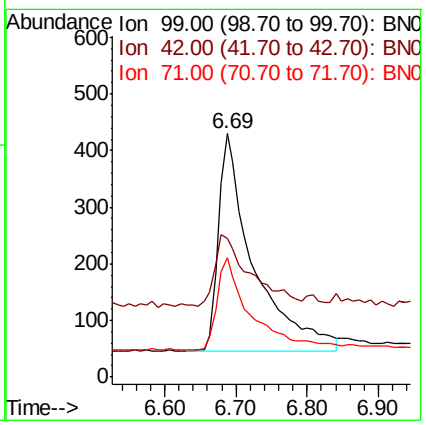


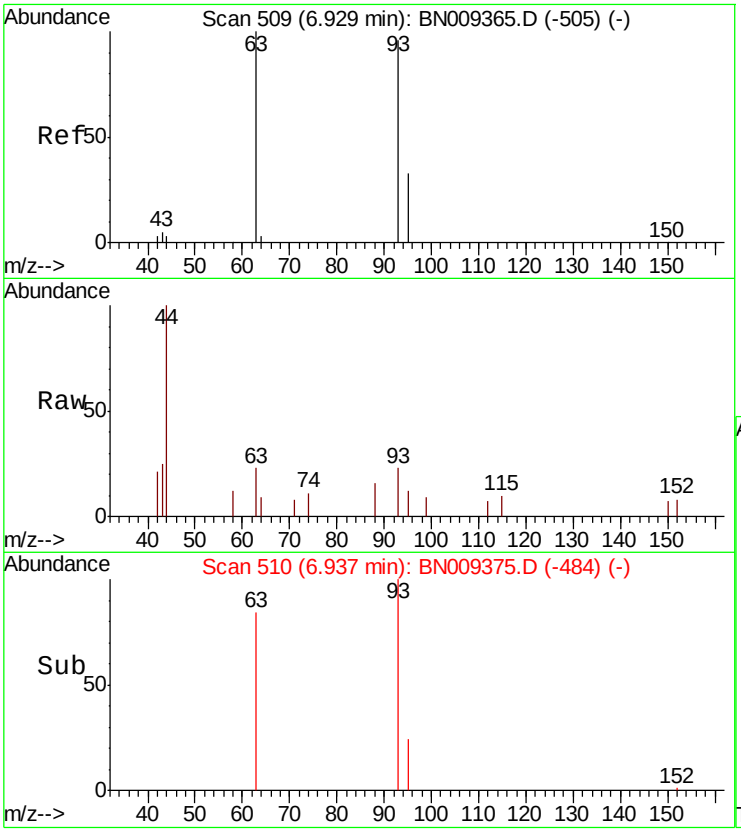


#5
Phenol-d6
Concen: 0.357 ng
RT: 6.69 min Scan# 479
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion: 99 Resp: 1310

Ion	Ratio	Lower	Upper
99	100		
42	32.7	27.6	41.4
71	41.3	33.0	49.6



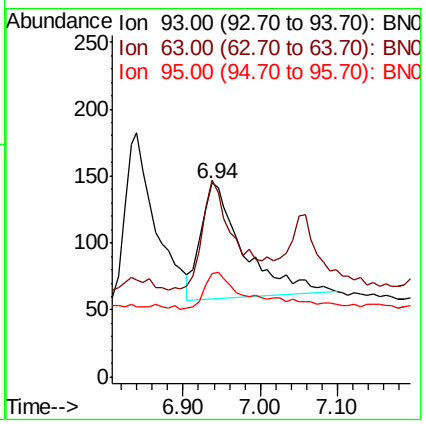


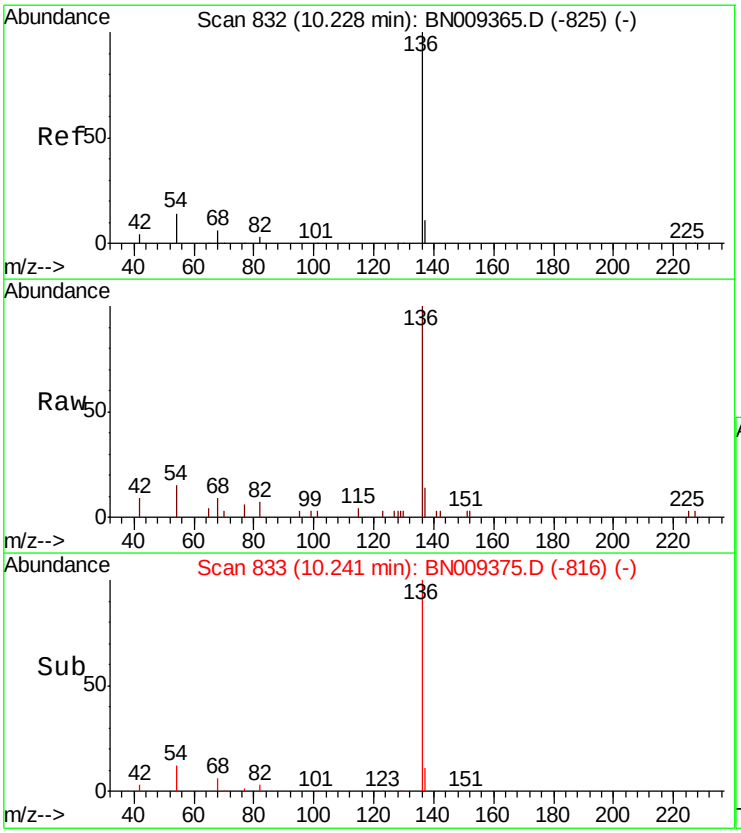
#6
bis(2-Chloroethyl)ether
Concen: 0.087 ng
RT: 6.94 min Scan# 510
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 330

Ion	Ratio	Lower	Upper
93	100		
63	72.4	85.1	127.7#
95	37.3	30.2	45.4

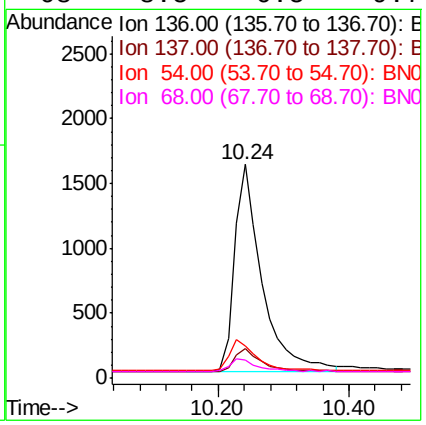


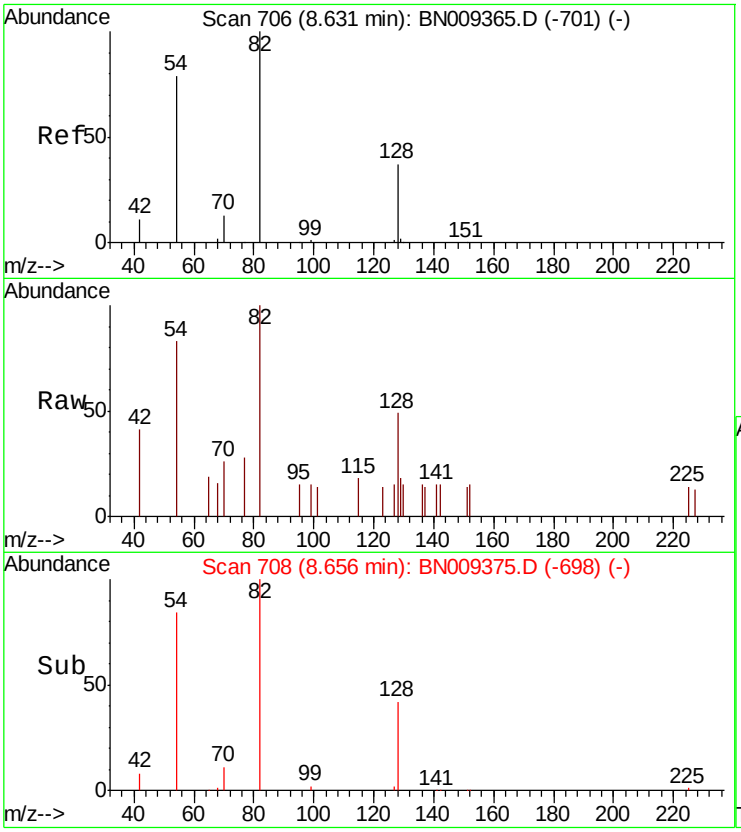


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:136 Resp: 4673

Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.3	15.5
54	14.9	12.6	19.0
68	8.5	6.5	9.7



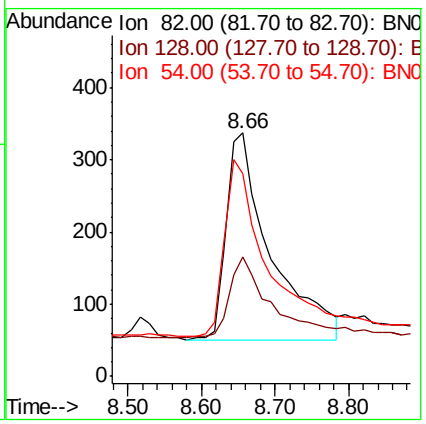


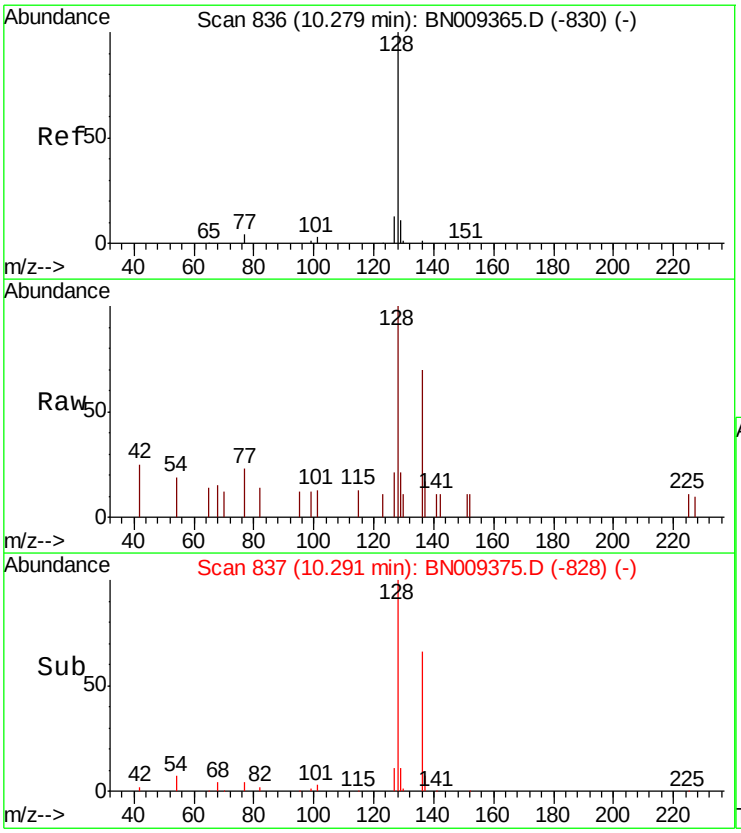
#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.03 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 1192

Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.8	52.2
54	83.4	65.8	98.6

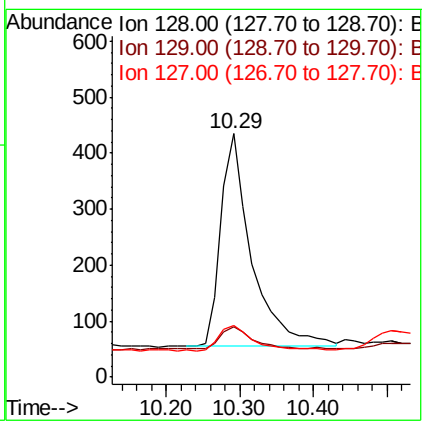


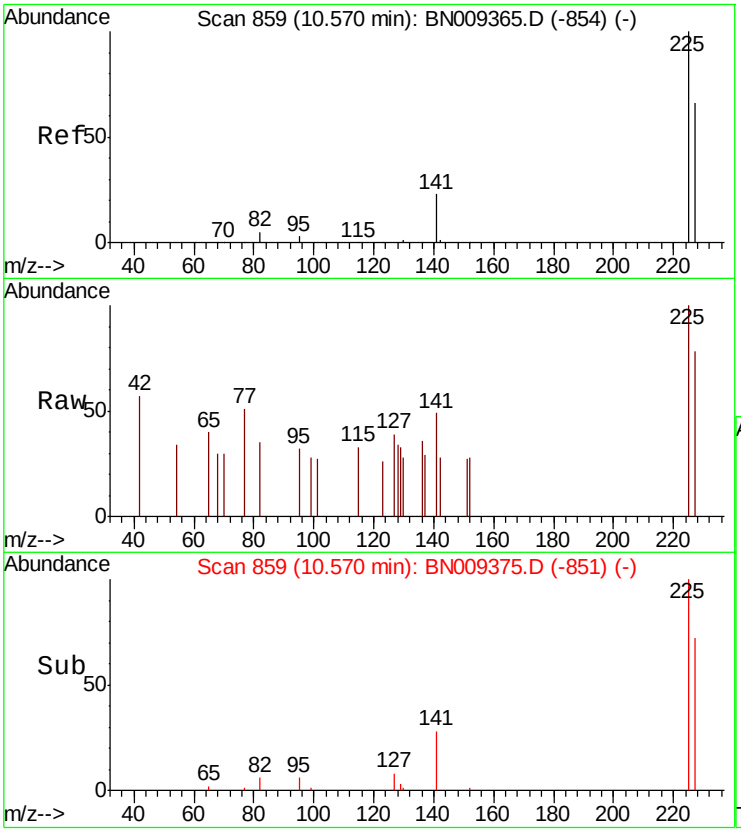


#9
Naphthalene
Concen: 0.087 ng
RT: 10.29 min Scan# 837
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:128 Resp: 1100

Ion	Ratio	Lower	Upper
128	100		
129	20.9	10.4	15.6#
127	21.1	11.4	17.2#



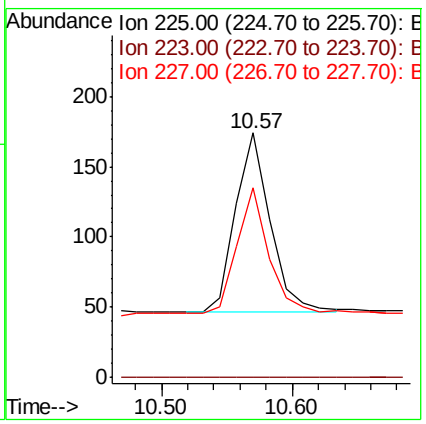


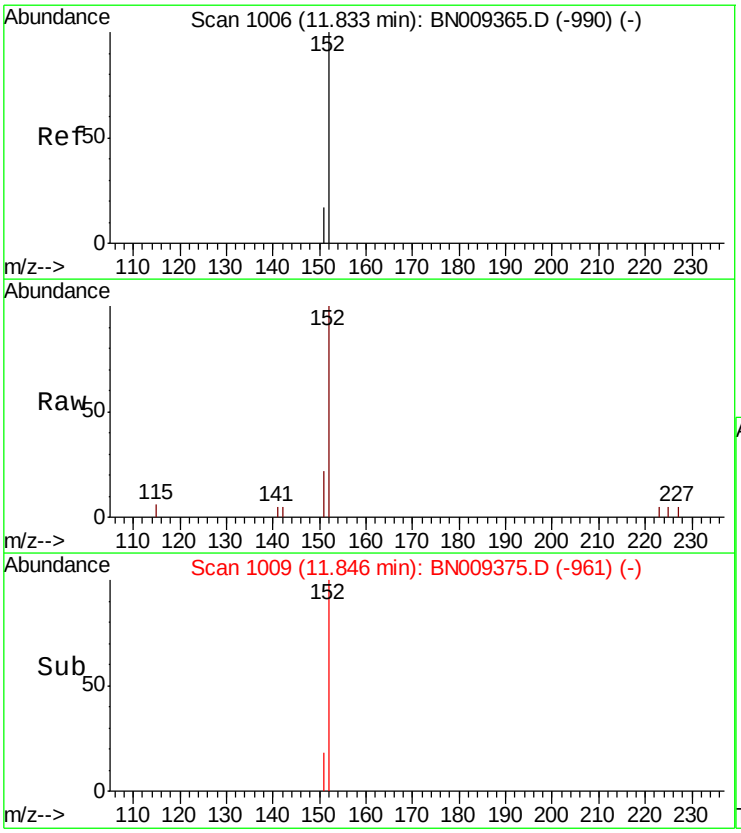
#10
Hexachlorobutadiene
Concen: 0.085 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 236

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	52.6	78.8

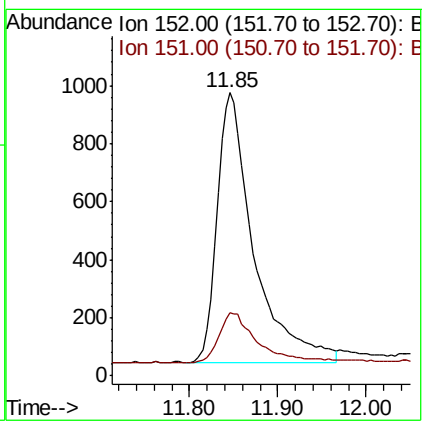


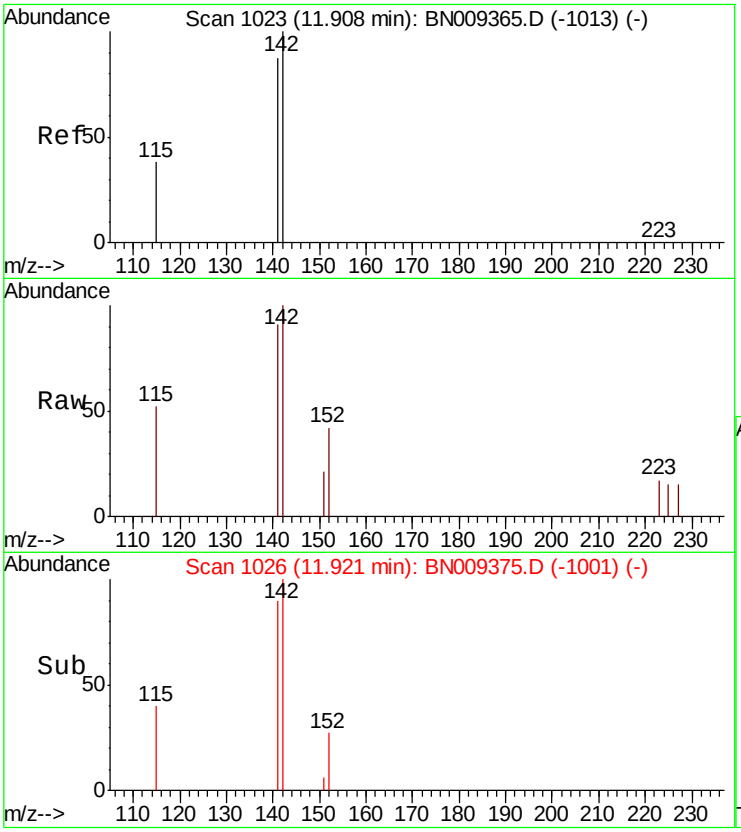


#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 11.85 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:152 Resp: 2683

Ion	Ratio	Lower	Upper
152	100		
151	18.5	14.8	22.2



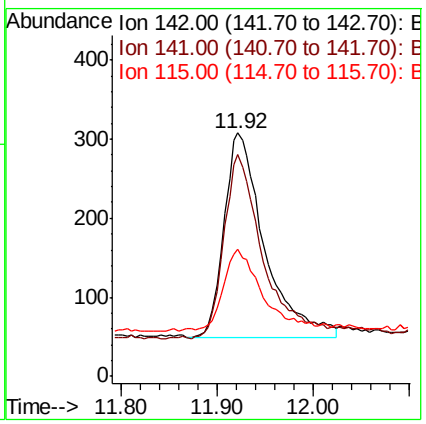


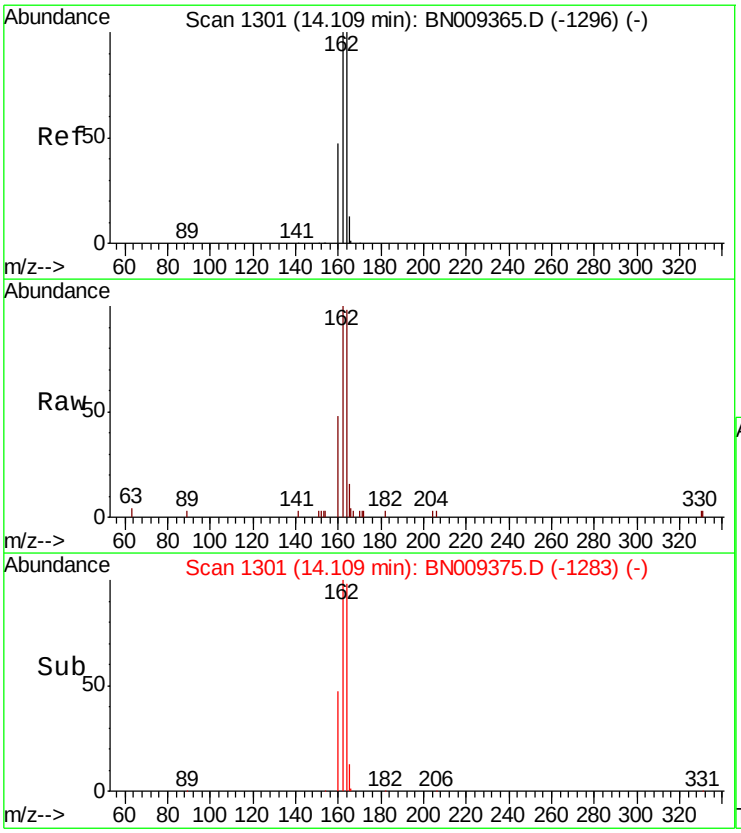
#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 11.92 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 759

Ion	Ratio	Lower	Upper
142	100		
141	91.2	69.8	104.6
115	52.3	32.5	48.7#

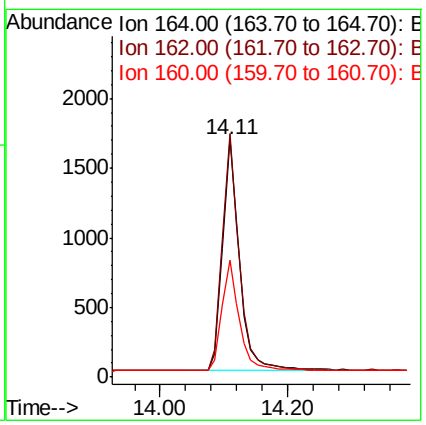


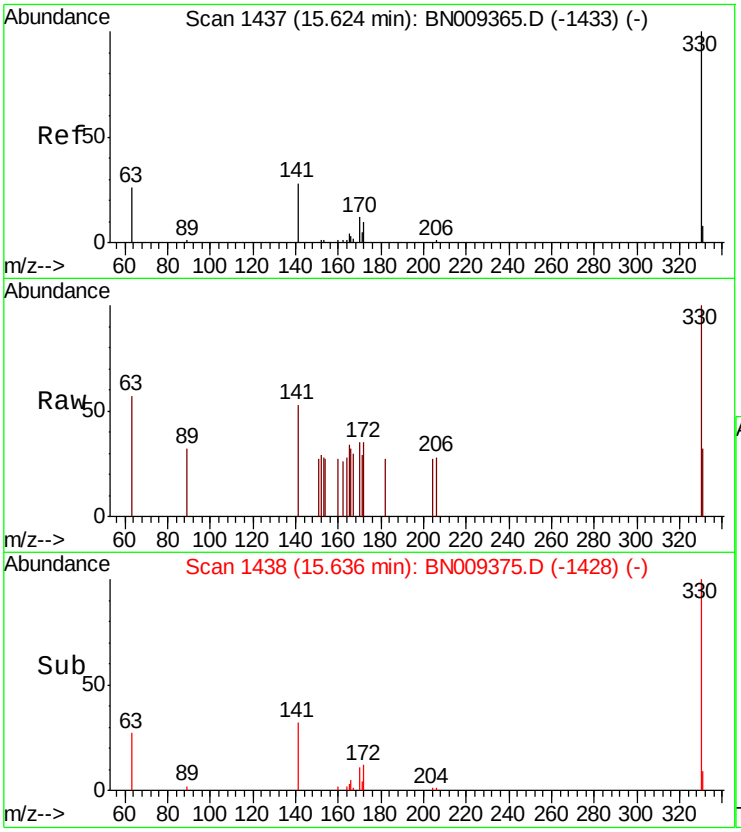


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:164 Resp: 3058

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.8	119.6
160	49.2	38.4	57.6



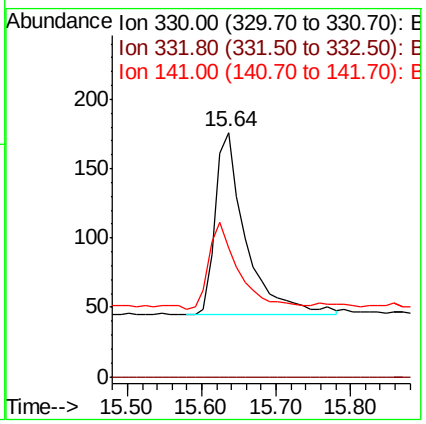


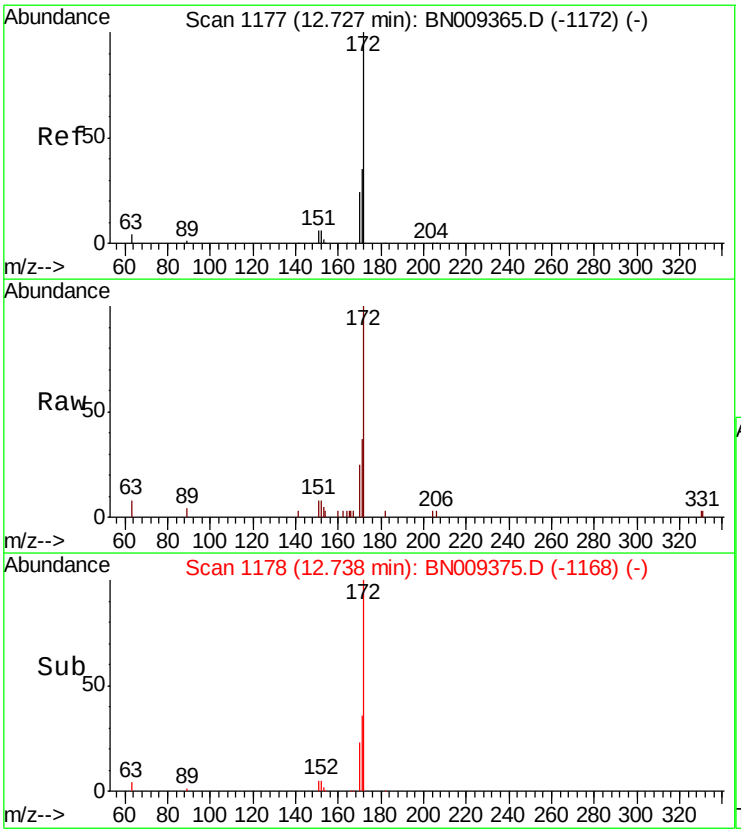
#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.64 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 373

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.1	33.1	49.7

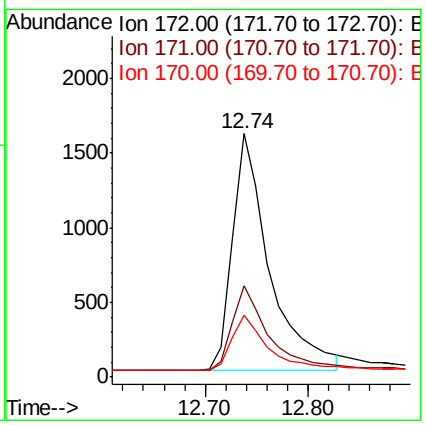


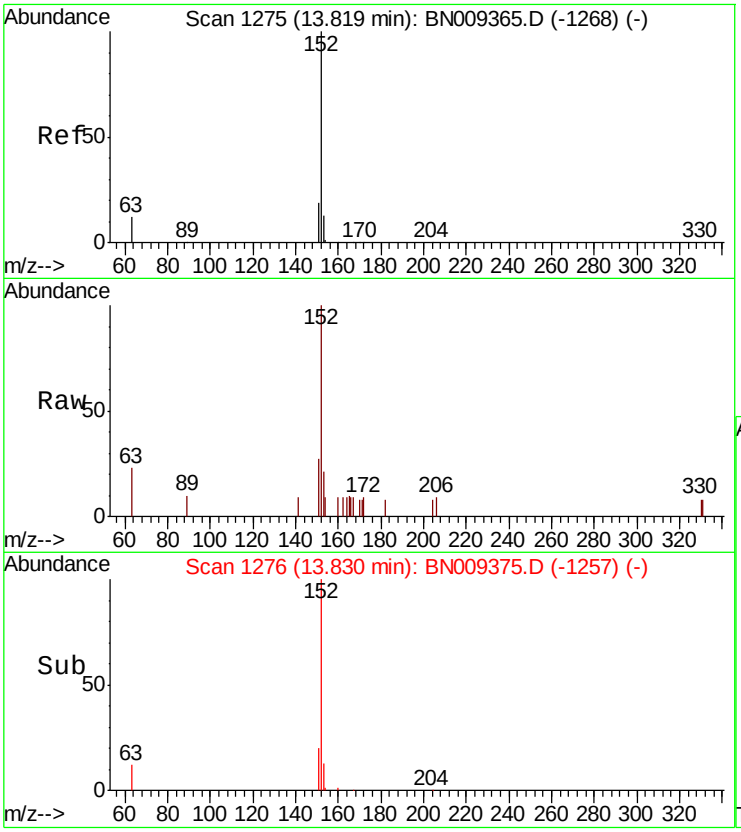


#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.74 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:172 Resp: 3955

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.5	44.3
170	25.4	20.7	31.1



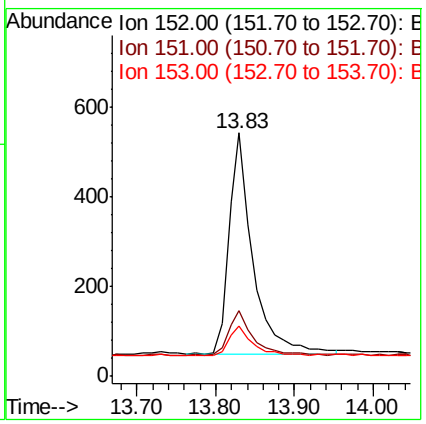


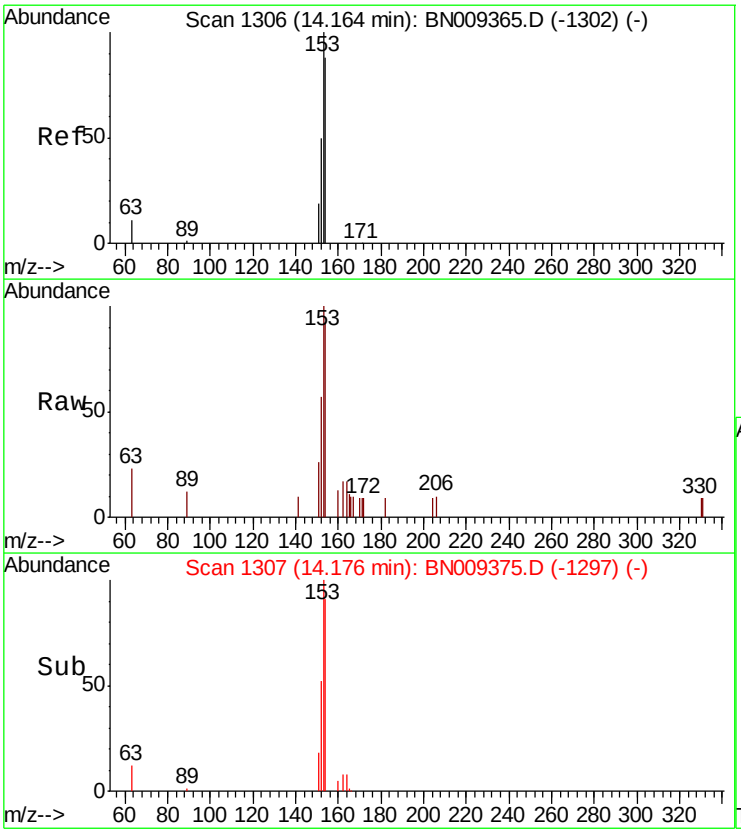
#16
Acenaphthylene
Concen: 0.079 ng
RT: 13.83 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1043

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.2
153	12.9	10.4	15.6

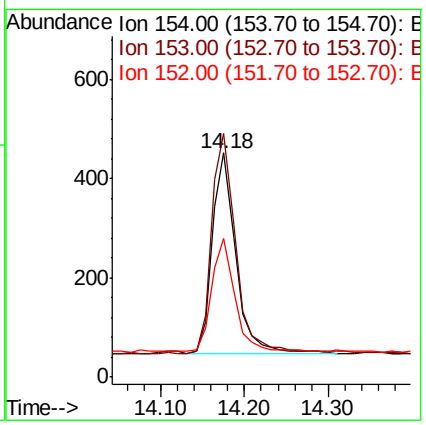


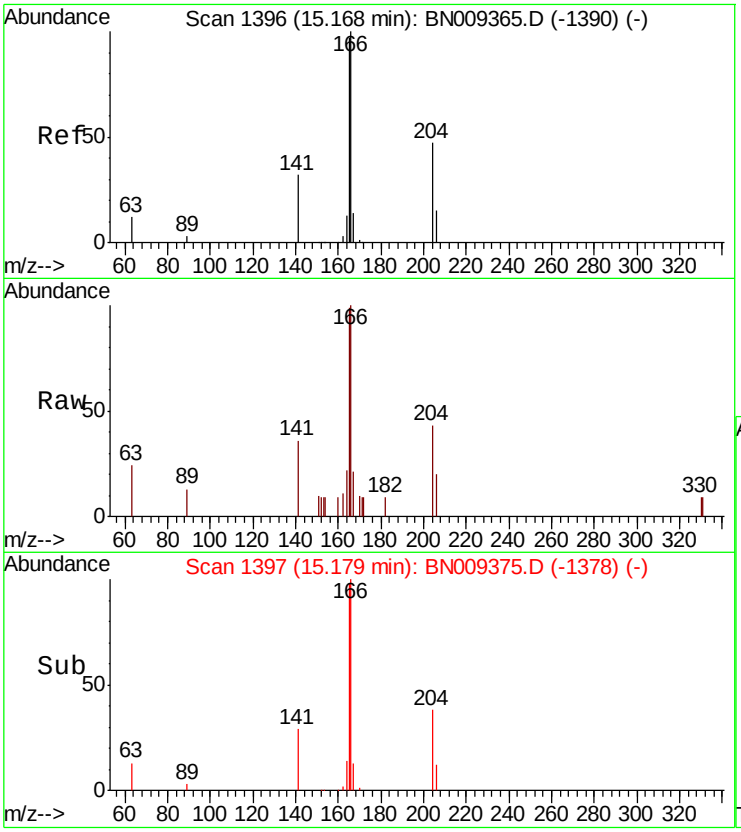


#17
Acenaphthene
Concen: 0.084 ng
RT: 14.18 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:154 Resp: 780

Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.5	135.7
152	57.6	45.3	67.9



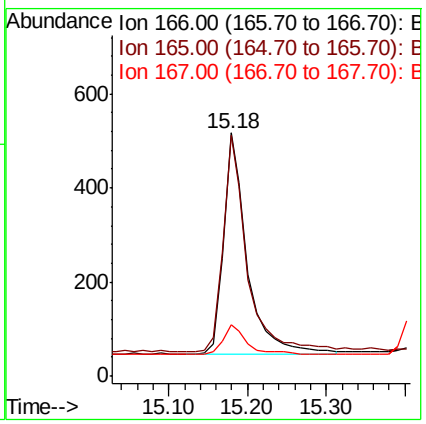


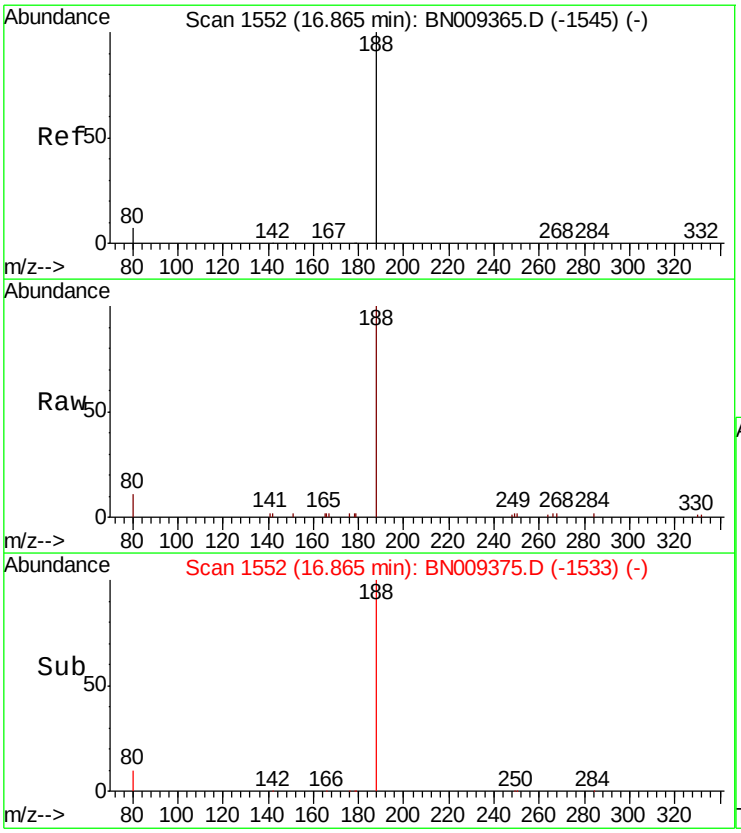
#18
Fluorene
Concen: 0.083 ng
RT: 15.18 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 999

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.2
167	14.3	11.0	16.6

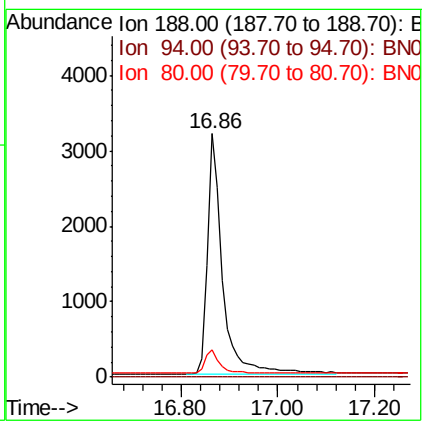


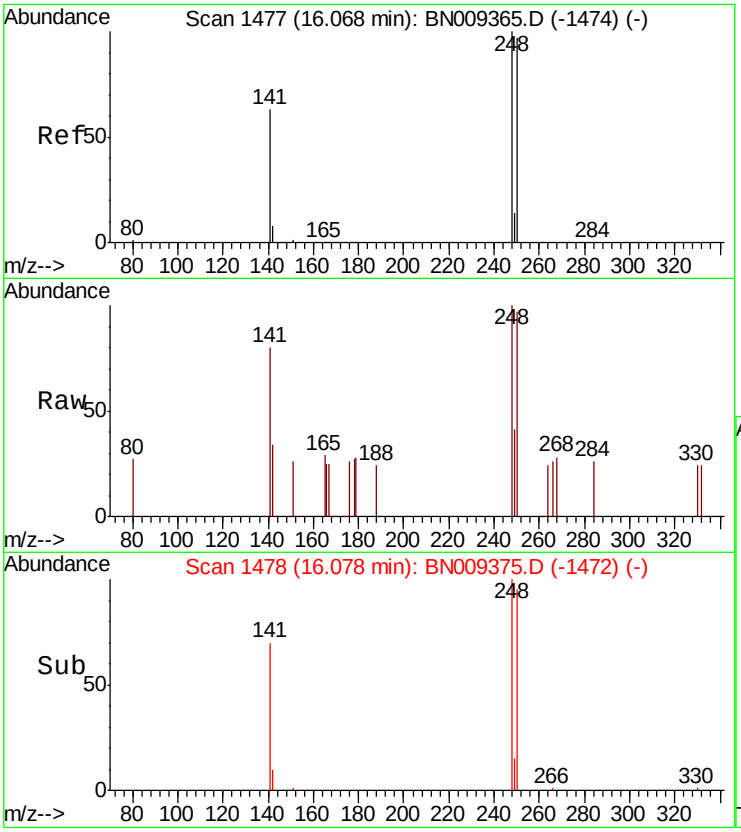


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:188 Resp: 6842

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	6.6	10.0#



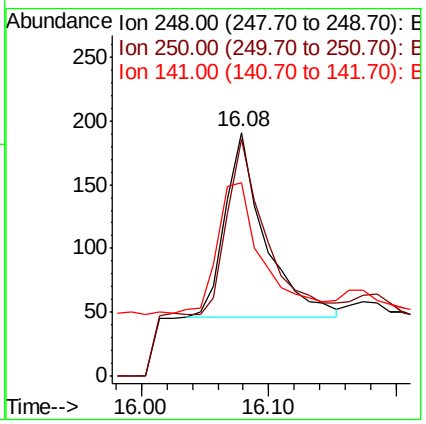


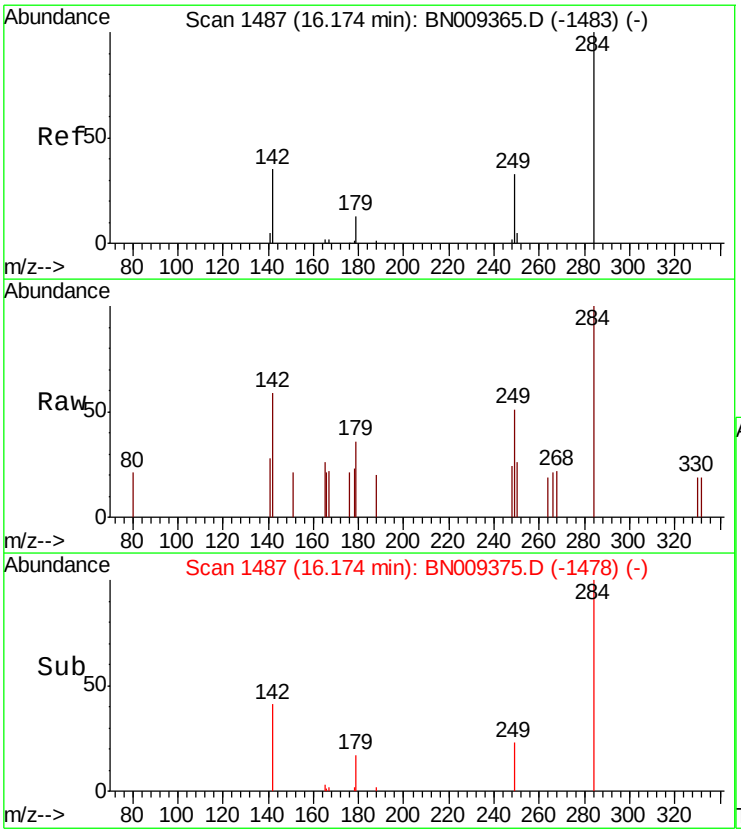
#20
4-Bromophenyl-phenylether
Concen: 0.076 ng
RT: 16.08 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 312

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.8
141	79.6	53.4	80.0

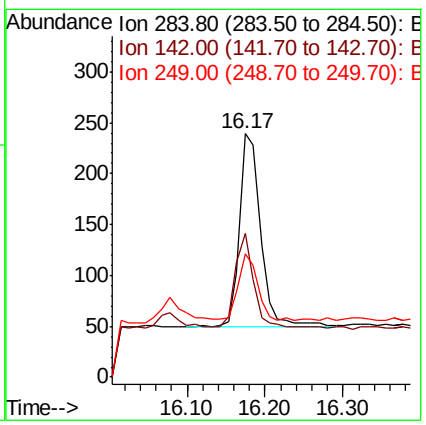


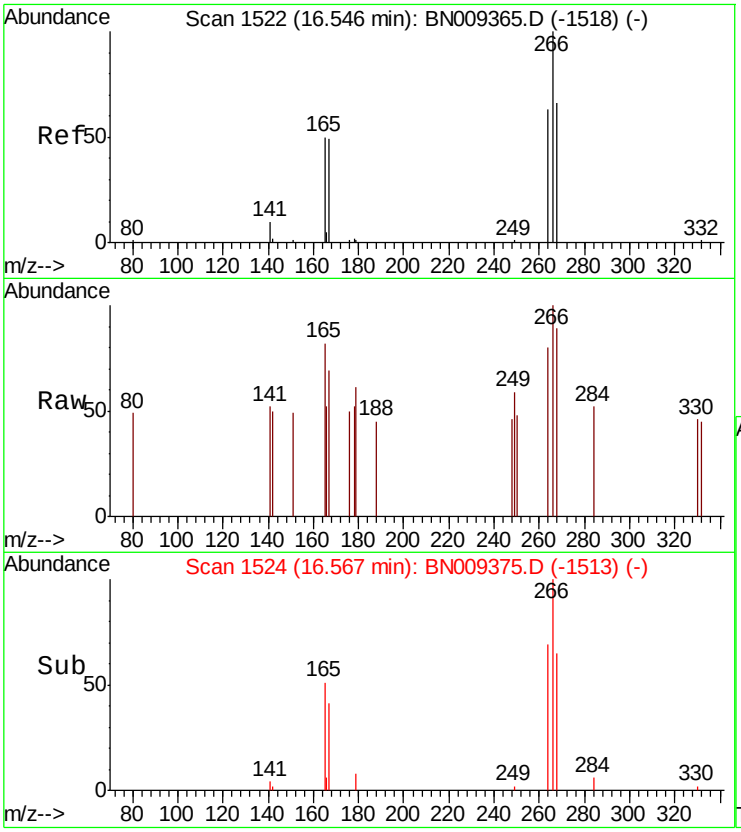


#21
Hexachlorobenzene
Concen: 0.084 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:284 Resp: 367

Ion	Ratio	Lower	Upper
284	100		
142	43.3	33.8	50.8
249	28.9	27.0	40.4



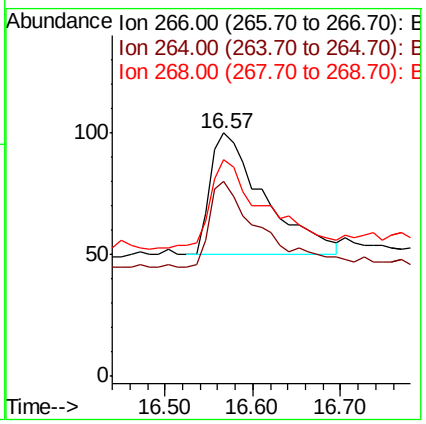


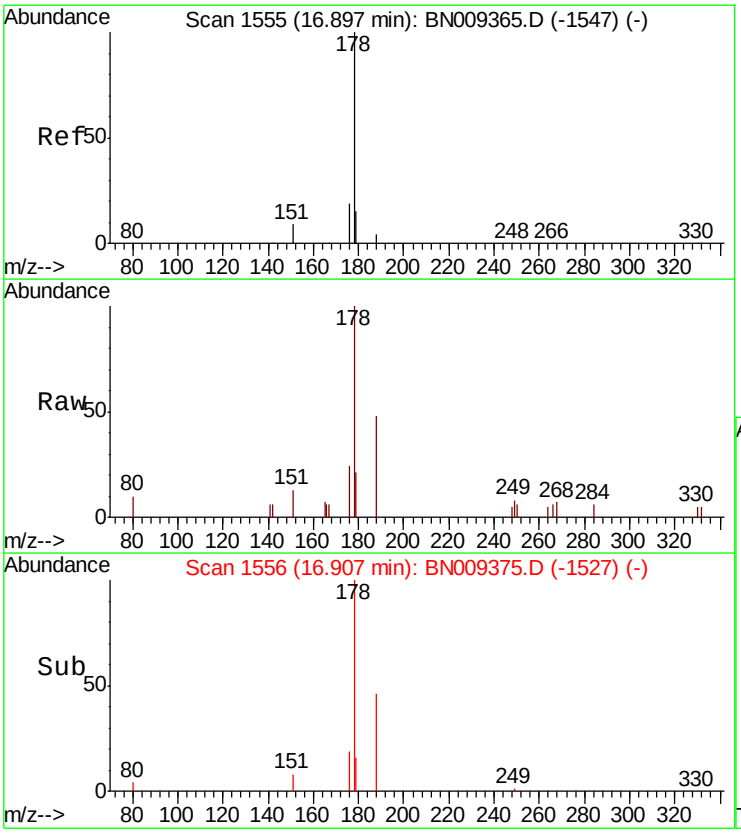
#22
Pentachlorophenol
Concen: 0.174 ng
RT: 16.57 min Scan# 1524
Delta R.T. 0.02 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 214

Ion	Ratio	Lower	Upper
266	100		
264	80.0	57.8	86.6
268	89.0	63.8	95.6

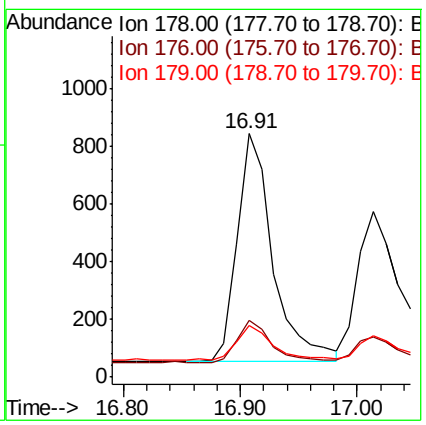


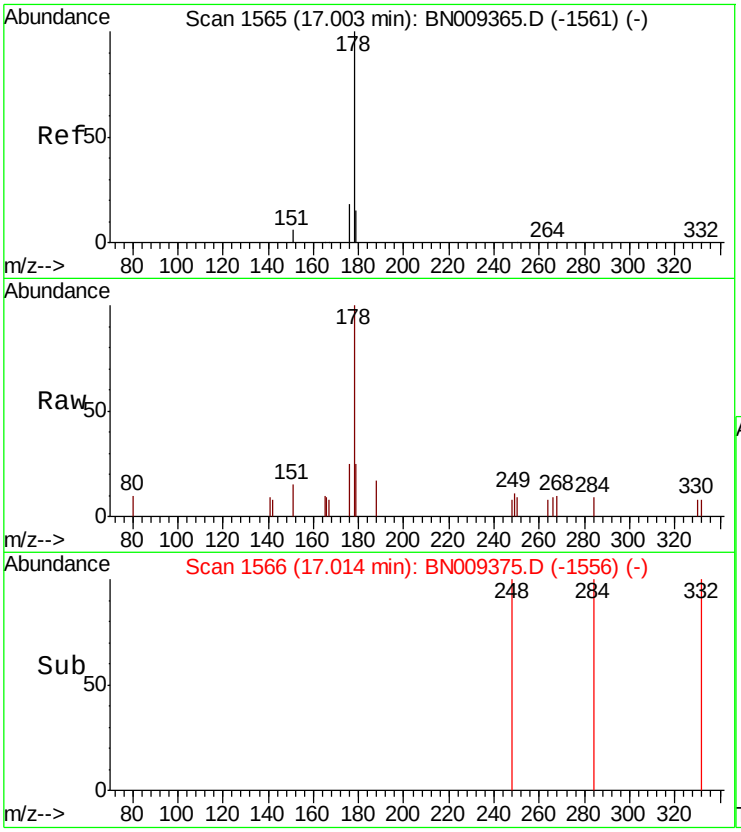


#23
Phenanthrene
Concen: 0.081 ng
RT: 16.91 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:178 Resp: 1672

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.1	12.3	18.5



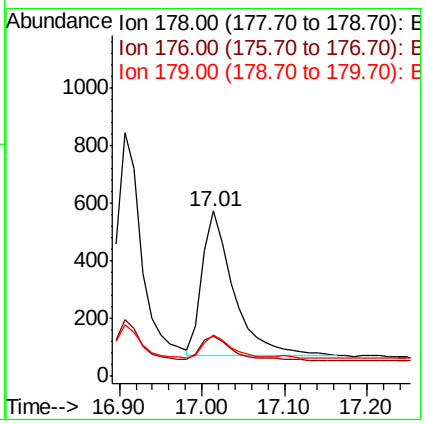


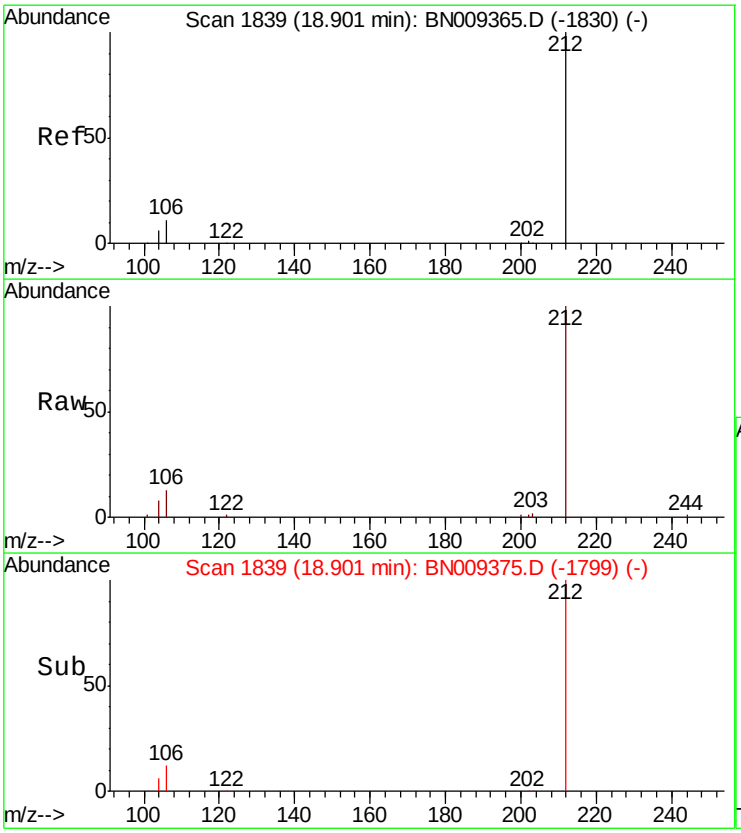
#24
Anthracene
Concen: 0.077 ng
RT: 17.01 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1330

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	21.8
179	13.6	12.5	18.7

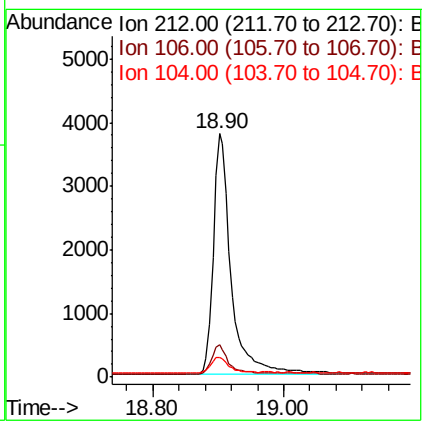


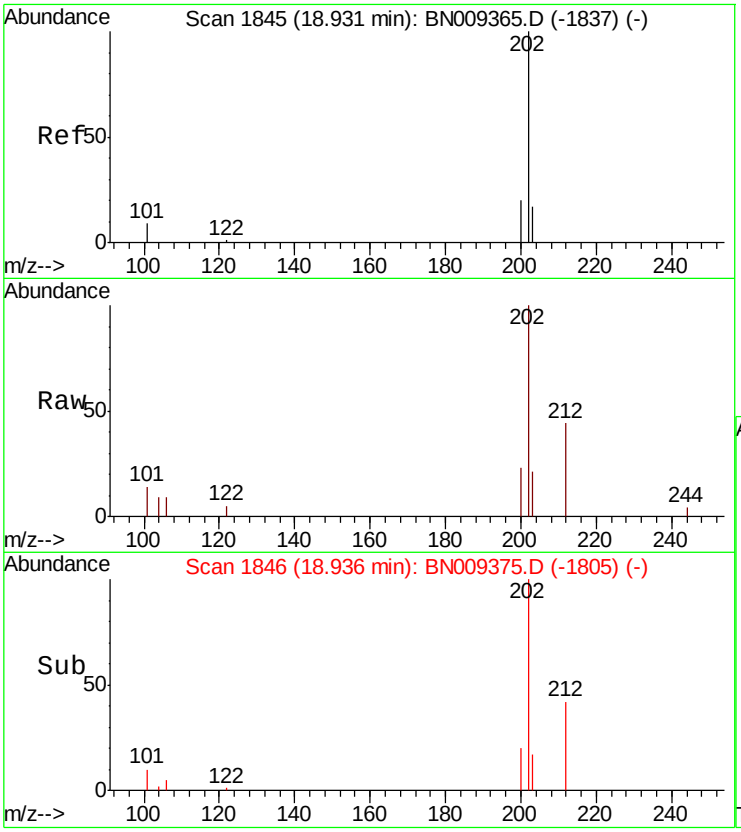


#25
Fluoranthene-d10
Concen: 0.306 ng
RT: 18.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:212 Resp: 7176

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.2	13.8
104	6.5	5.4	8.0



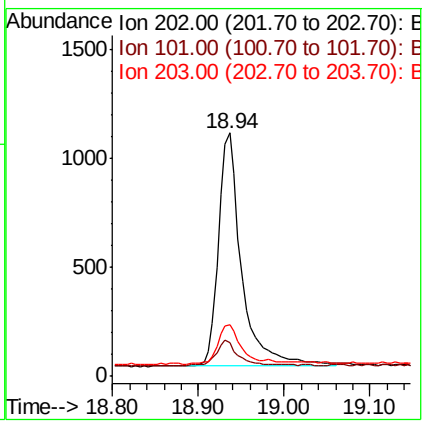


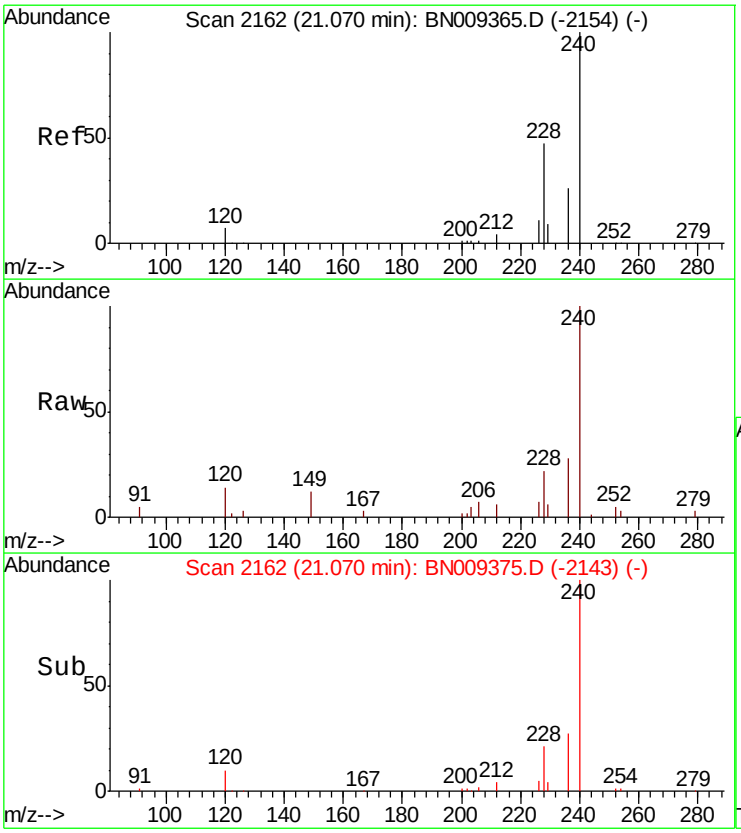
#26
Fluoranthene
Concen: 0.083 ng
RT: 18.94 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2011

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.0	12.0
203	17.9	13.5	20.3

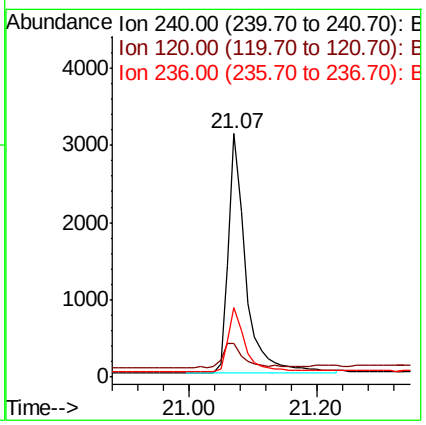


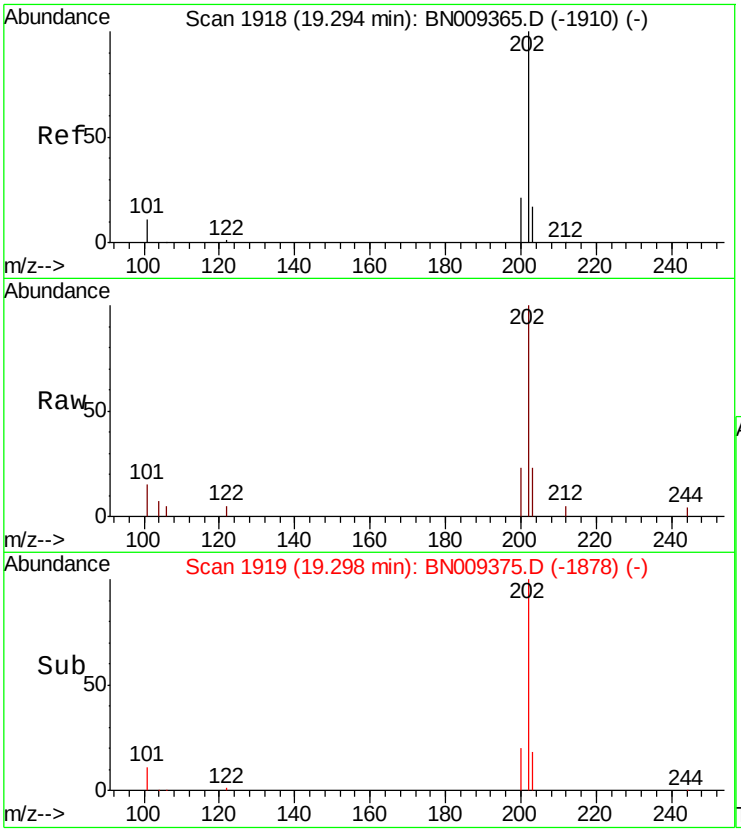


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:240 Resp: 5906

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.1	12.1#
236	28.4	22.2	33.4



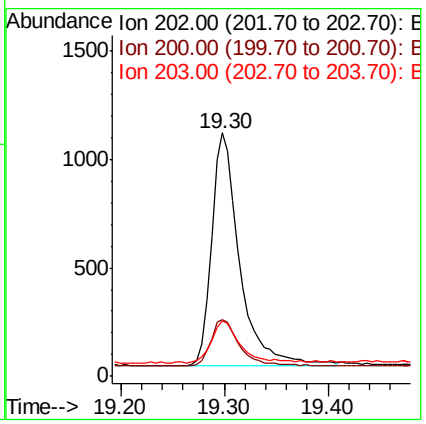


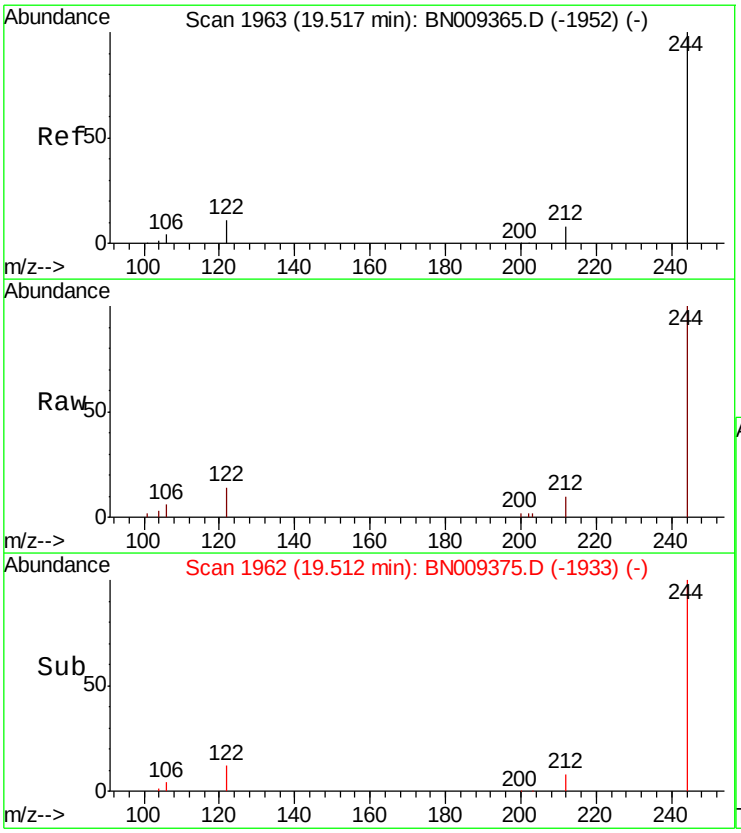
#28
Pyrene
Concen: 0.089 ng
RT: 19.30 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2000

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.2
203	18.4	14.1	21.1

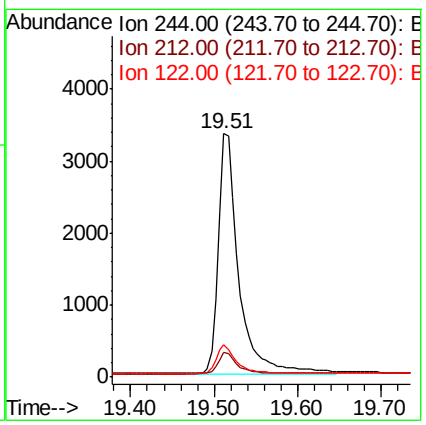


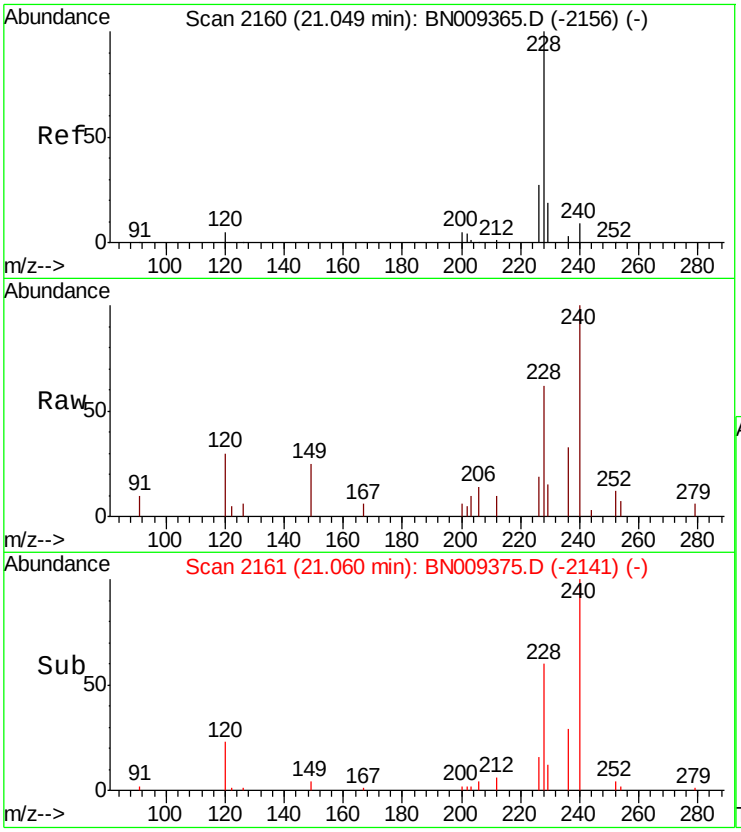


#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:244 Resp: 5672

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.5	11.3
122	13.5	9.8	14.6



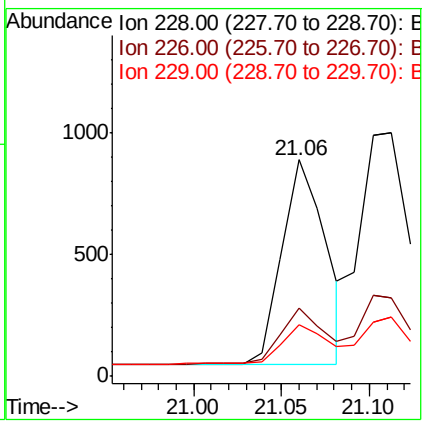


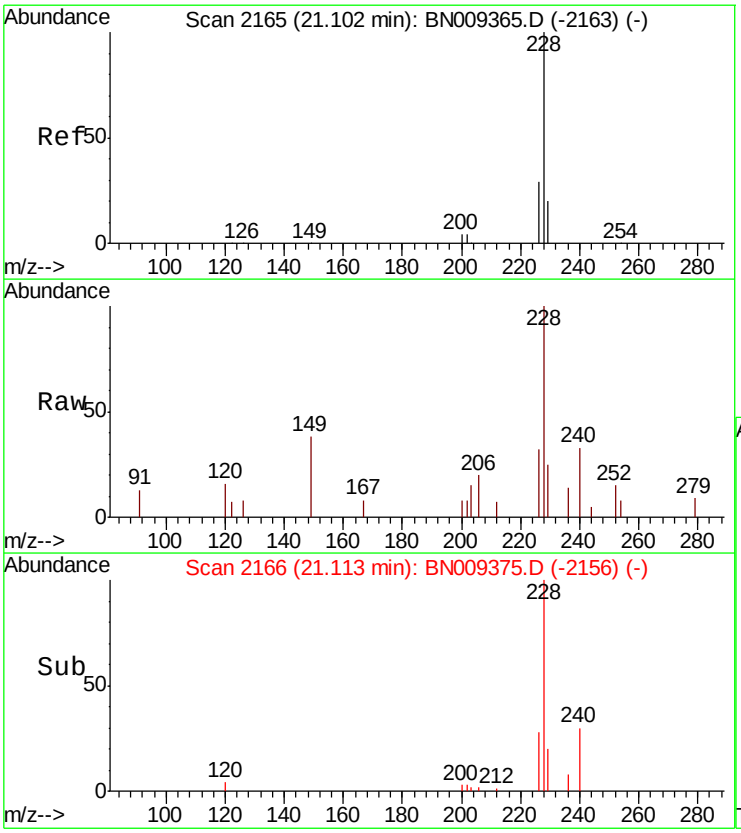
#30
Benzo(a)anthracene
Concen: 0.076 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1473

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.5	33.7
229	24.1	16.1	24.1

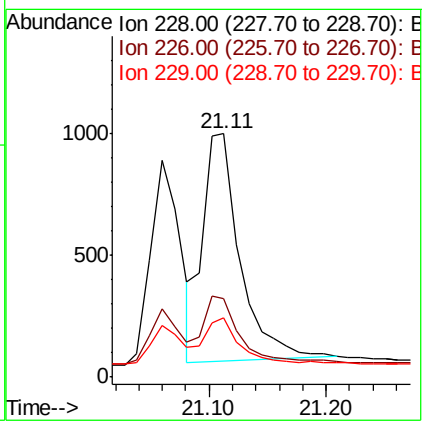


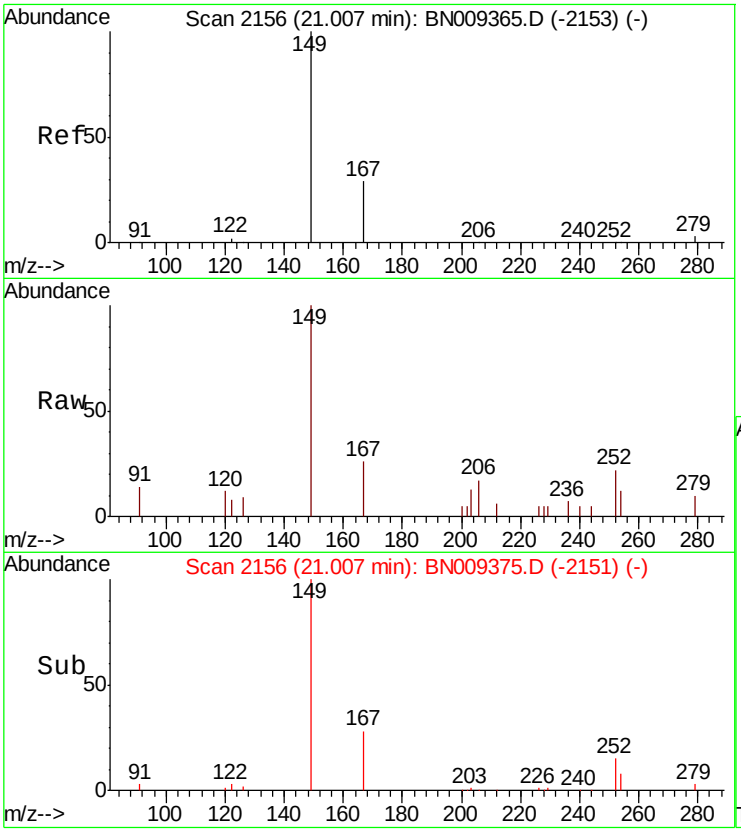


#31
Chrysene
Concen: 0.093 ng
RT: 21.11 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:228 Resp: 2061

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.8	35.8
229	24.5	16.6	24.8



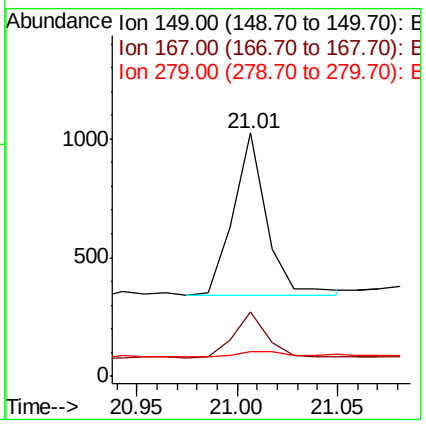


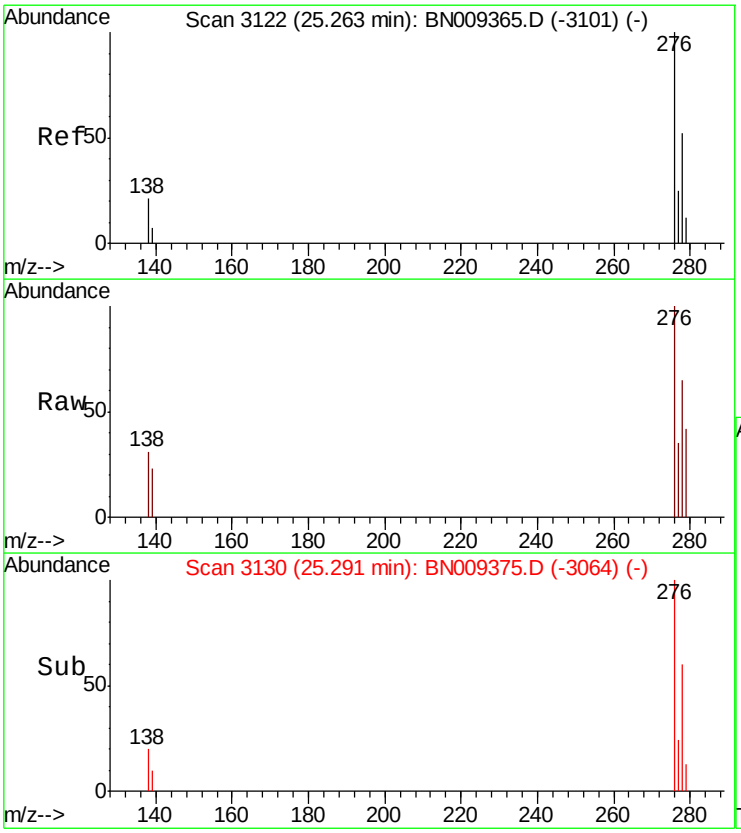
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 809

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.9	34.3
279	5.2	3.4	5.0#

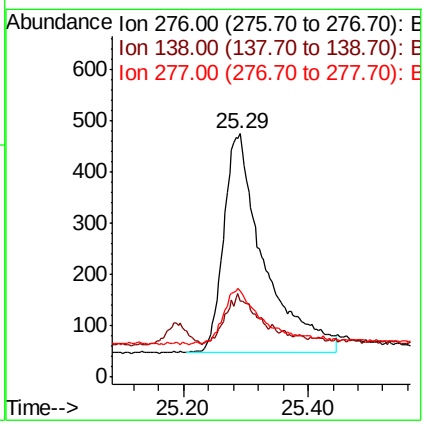


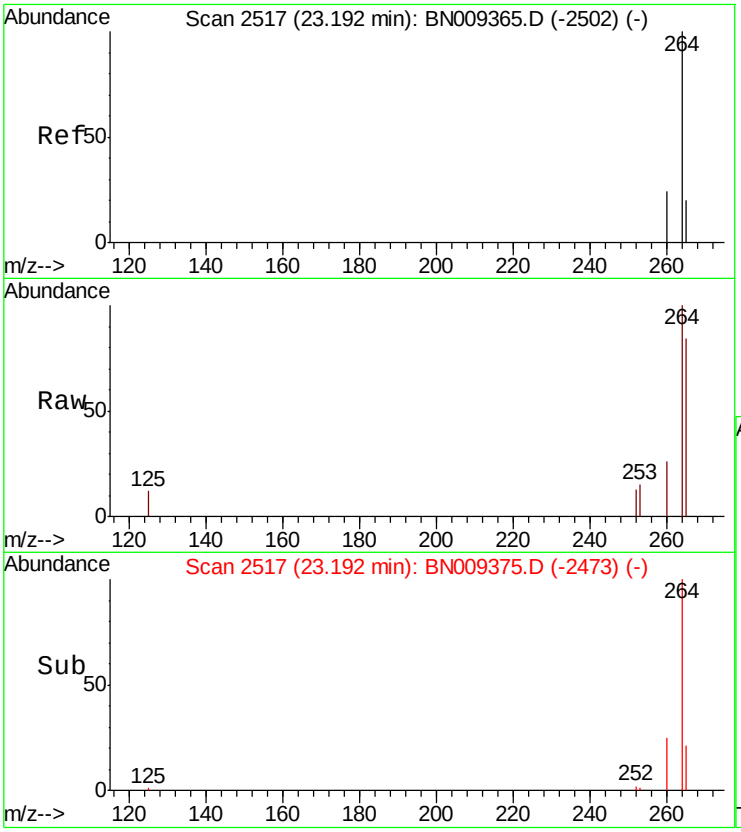


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng
RT: 25.29 min Scan# 3130
Delta R.T. 0.03 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:276 Resp: 1911

Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.9	23.9
277	22.1	19.8	29.6



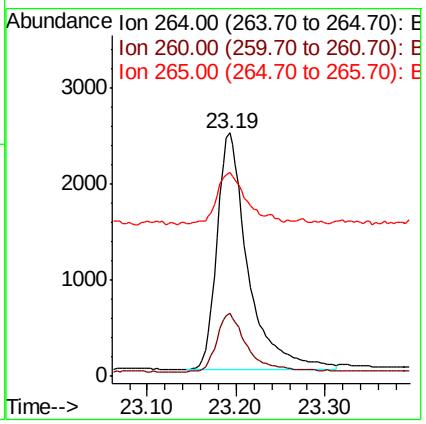


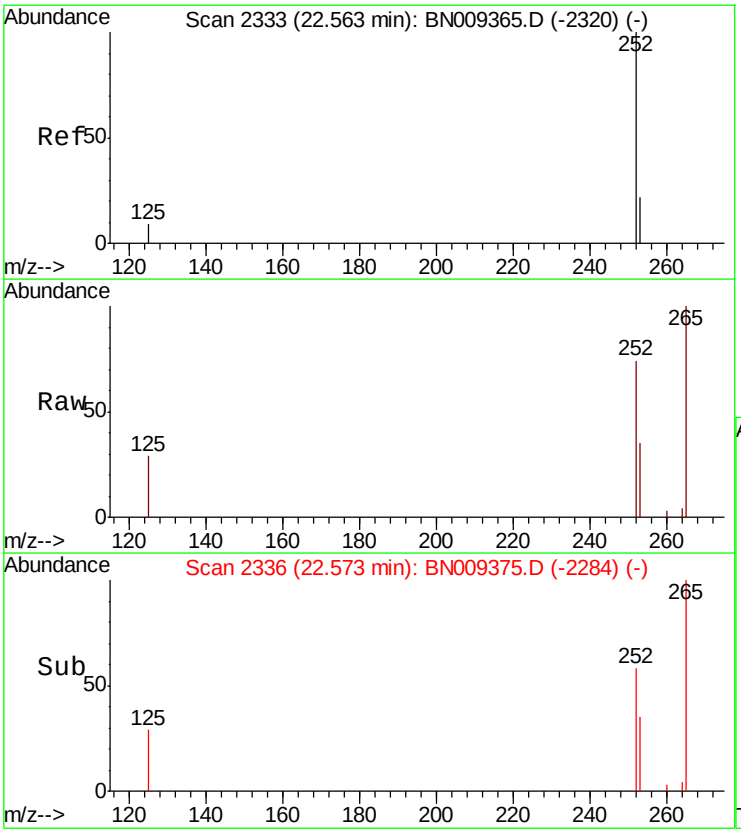
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 5980

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	83.5	68.2	102.4

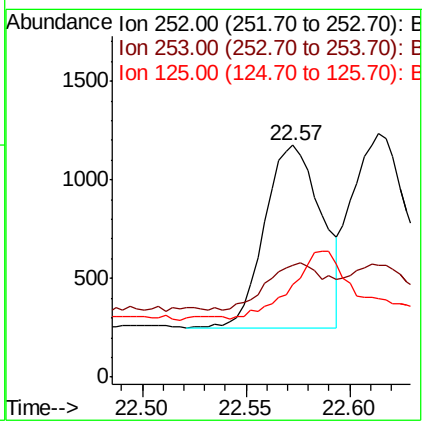


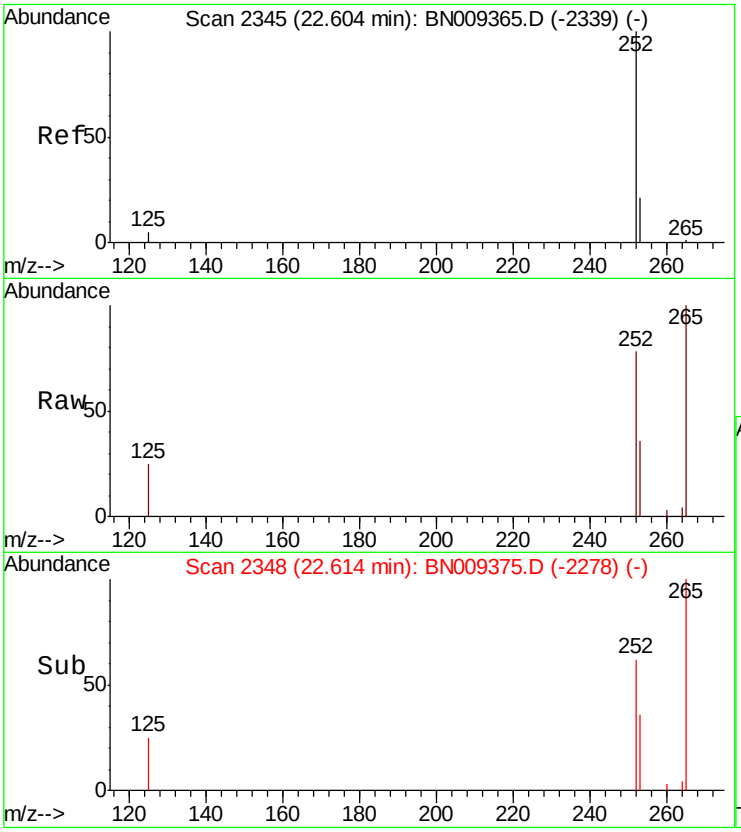


#35
Benzo(b)fluoranthene
Concen: 0.081 ng
RT: 22.57 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:252 Resp: 1771

Ion	Ratio	Lower	Upper
252	100		
253	48.2	22.4	33.6#
125	39.8	11.6	17.4#



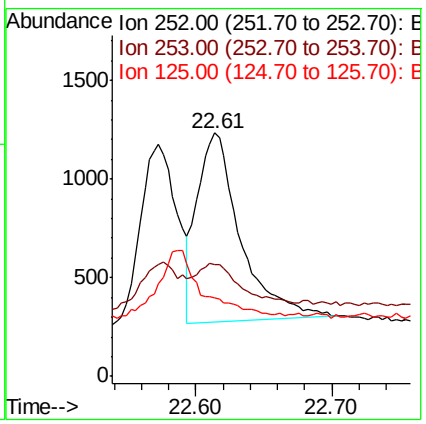


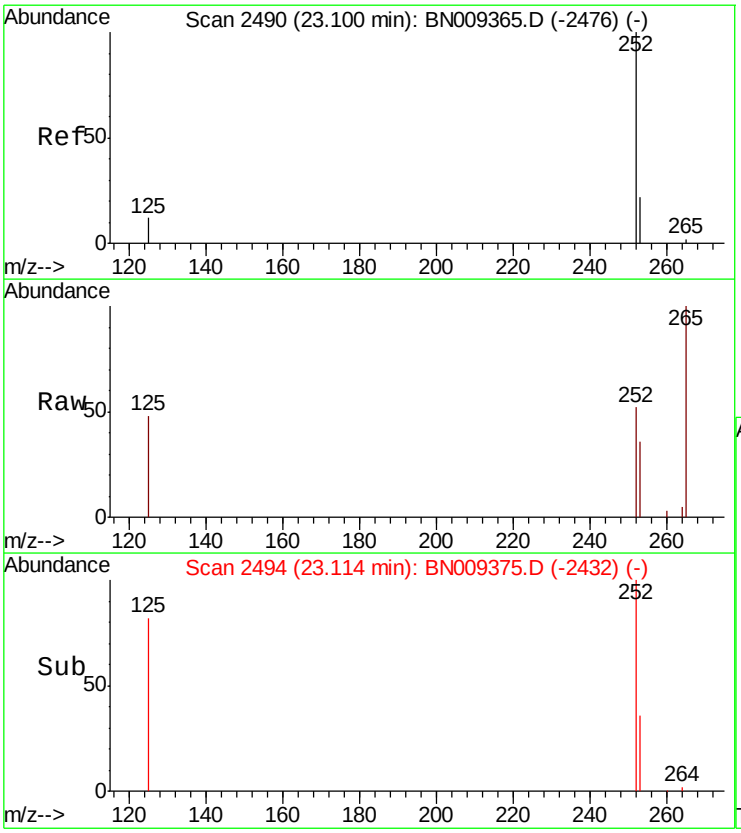
#36
Benzo(k)fluoranthene
Concen: 0.087 ng
RT: 22.61 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2106

Ion	Ratio	Lower	Upper
252	100		
253	45.7	21.9	32.9#
125	32.0	12.0	18.0#

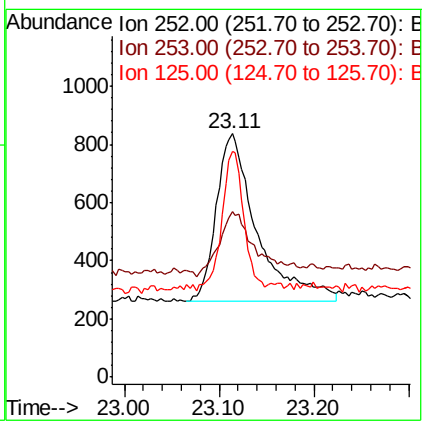


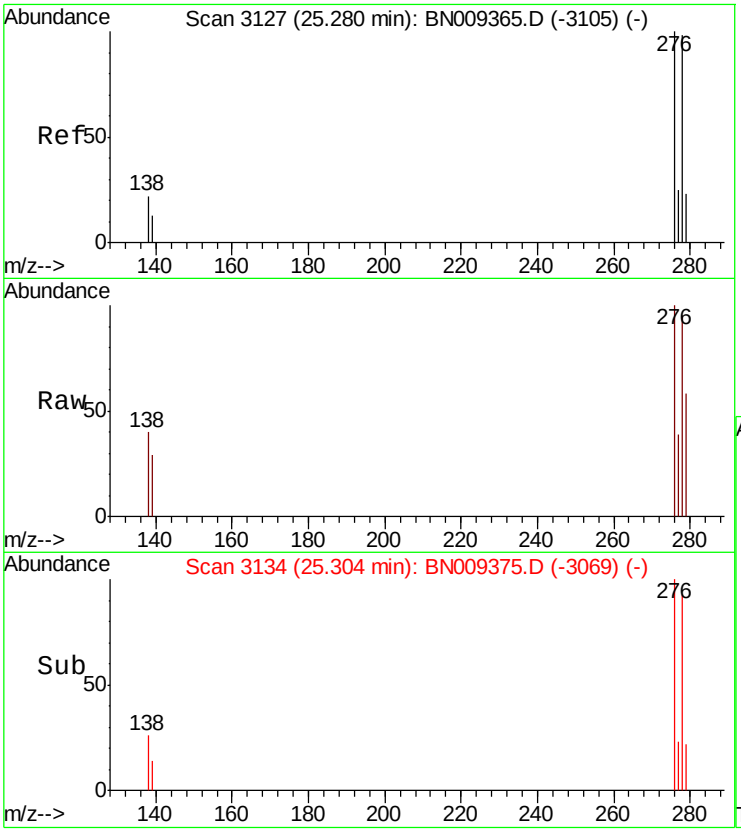


#37
Benzo(a)pyrene
Concen: 0.090 ng
RT: 23.11 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:252 Resp: 1738

Ion	Ratio	Lower	Upper
252	100		
253	67.9	25.4	38.0#
125	92.5	16.2	24.2#



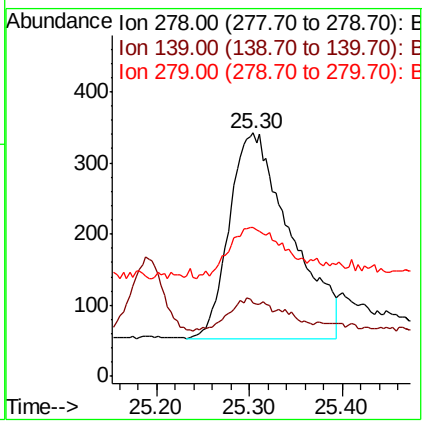


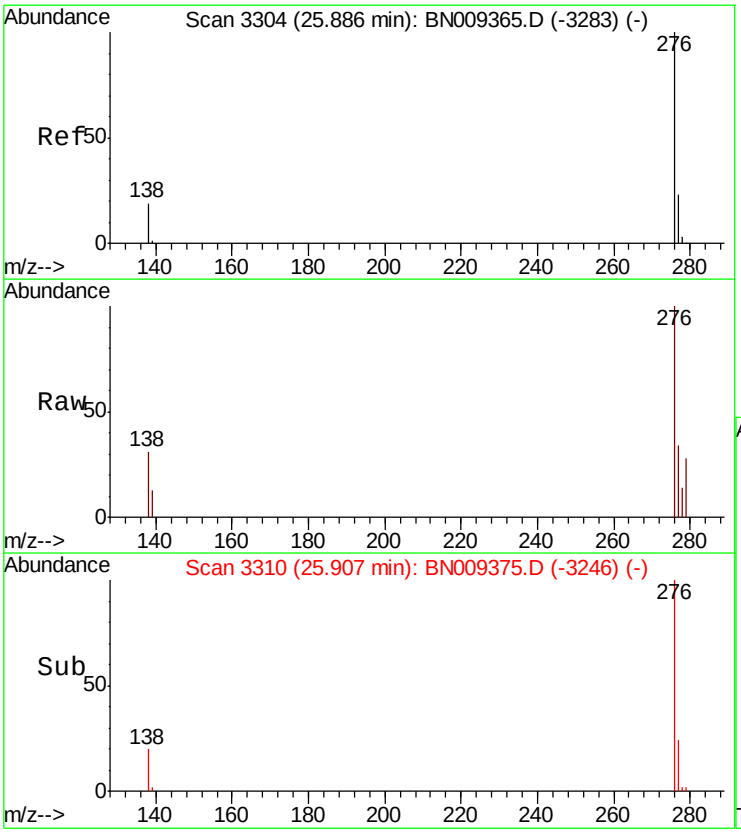
#38
Dibenzo(a,h)anthracene
Concen: 0.068 ng
RT: 25.30 min Scan# 3134
Delta R.T. 0.02 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 1329

Ion	Ratio	Lower	Upper
278	100		
139	30.4	14.5	21.7#
279	61.4	24.2	36.4#





#39
Benzo(g,h,i)perylene
Concen: 0.086 ng
RT: 25.91 min Scan# 3310
Delta R.T. 0.02 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:276 Resp: 1833

Ion	Ratio	Lower	Upper
276	100		
277	33.6	20.6	30.8#
138	30.9	17.1	25.7#