Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
Data File : BN009377.D
Acq On : 15 Jan 2020 13:48
Operator : JU
Sample : K3591-07
Misc : LOD-MDL-W-0.1NG
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 15 16:13:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 15 16:07:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1396	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4630	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	2923	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	6314	0.40	ng		0.00
27) Chrysene-d12	21.07	240	5621	0.40	ng		0.00
34) Perylene-d12	23.19	264	5948	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1255	0.39	ng		0.00
5) Phenol-d6	6.68	99	1354	0.36	ng		0.00
8) Nitrobenzene-d5	8.64	82	1237	0.34	ng		0.01
11) 2-Methylnaphthalene-d10	11.84	152	2729	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	329	0.30	ng		0.01
15) 2-Fluorobiphenyl	12.74	172	3897	0.36	ng		0.01
25) Fluoranthene-d10	18.90	212	6609	0.31	ng		0.00
29) Terphenyl-d14	19.52	244	5229	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	104	0.071	ng	#	81
3) n-Nitrosodimethylamine	3.51	42	125	0.056	ng	#	63
6) bis(2-Chloroethyl)ether	6.94	93	320	0.084	ng	#	85
9) Naphthalene	10.28	128	1134	0.091	ng	#	80
10) Hexachlorobutadiene	10.57	225	238	0.087	ng	#	93
12) 2-Methylnaphthalene	11.92	142	752	0.086	ng		94
16) Acenaphthylene	13.83	152	1006	0.080	ng		99
17) Acenaphthene	14.18	154	722	0.081	ng		95
18) Fluorene	15.18	166	923	0.080	ng		100
20) 4-Bromophenyl-phenylether	16.08	248	287	0.075	ng		93
21) Hexachlorobenzene	16.18	284	328	0.081	ng		94
22) Pentachlorophenol	16.56	266	208	0.183	ng		94
23) Phenanthrene	16.91	178	1536	0.081	ng		99
24) Anthracene	17.01	178	1206	0.076	ng		96
26) Fluoranthene	18.93	202	1844	0.083	ng		99
28) Pyrene	19.30	202	1888	0.089	ng		99
30) Benzo(a)anthracene	21.06	228	1402	0.076	ng		93
31) Chrysene	21.11	228	1997	0.094	ng		95
32) Bis(2-ethylhexyl)phthalate	21.01	149	740	0.091	ng		98
33) Indeno(1,2,3-cd)pyrene	25.28	276	1918	0.087	ng		92
35) Benzo(b)fluoranthene	22.57	252	1780	0.081	ng	#	57
36) Benzo(k)fluoranthene	22.61	252	2207	0.091	ng	#	61
37) Benzo(a)pyrene	23.11	252	1741	0.090	ng	#	6
38) Dibenzo(a,h)anthracene	25.31	278	1401	0.072	ng	#	57
39) Benzo(g,h,i)perylene	25.91	276	1874	0.088	ng	#	84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
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Acq On : 15 Jan 2020 13:48
Operator : JU
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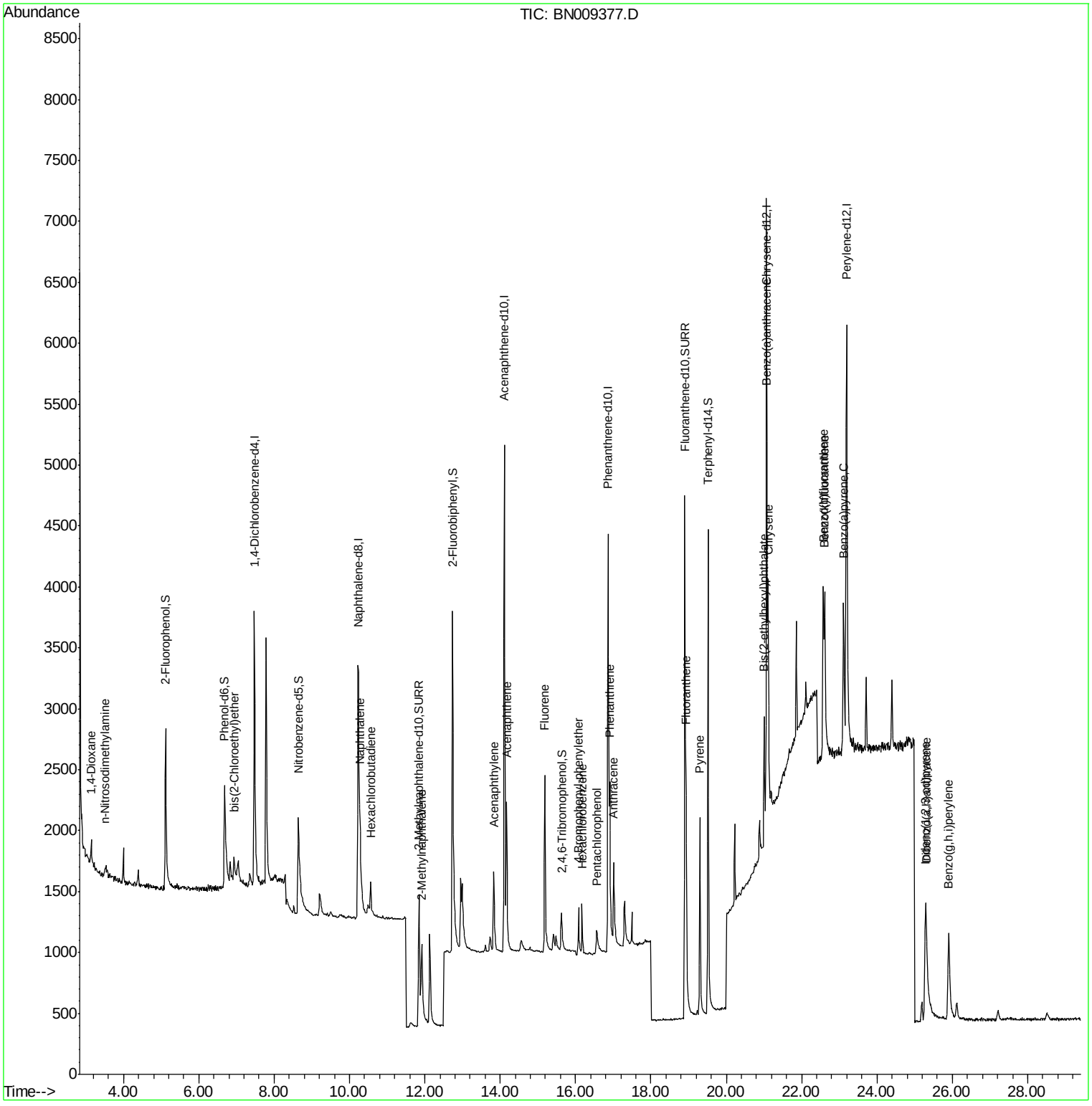
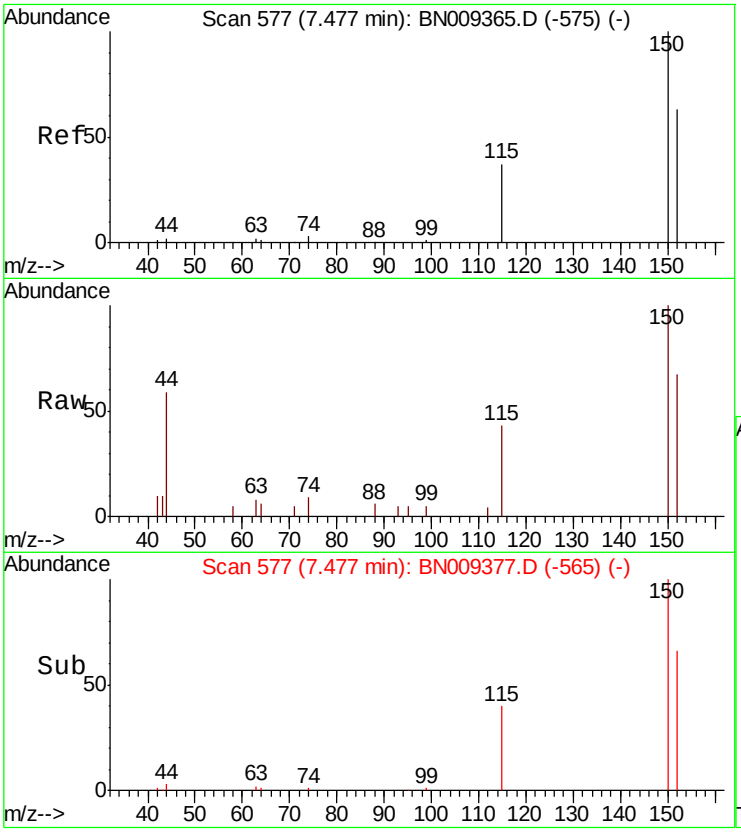
Misc : LOD-MDL-W-0.1NG
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 15 16:13:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 15 16:07:02 2020
Response via : Initial Calibration



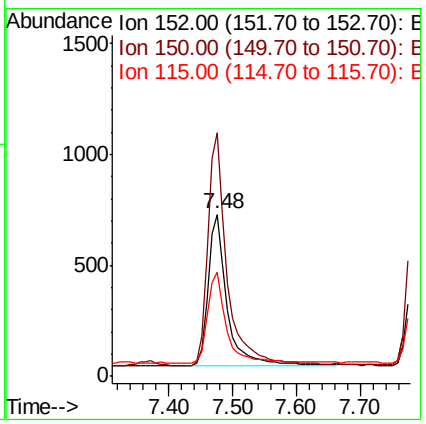


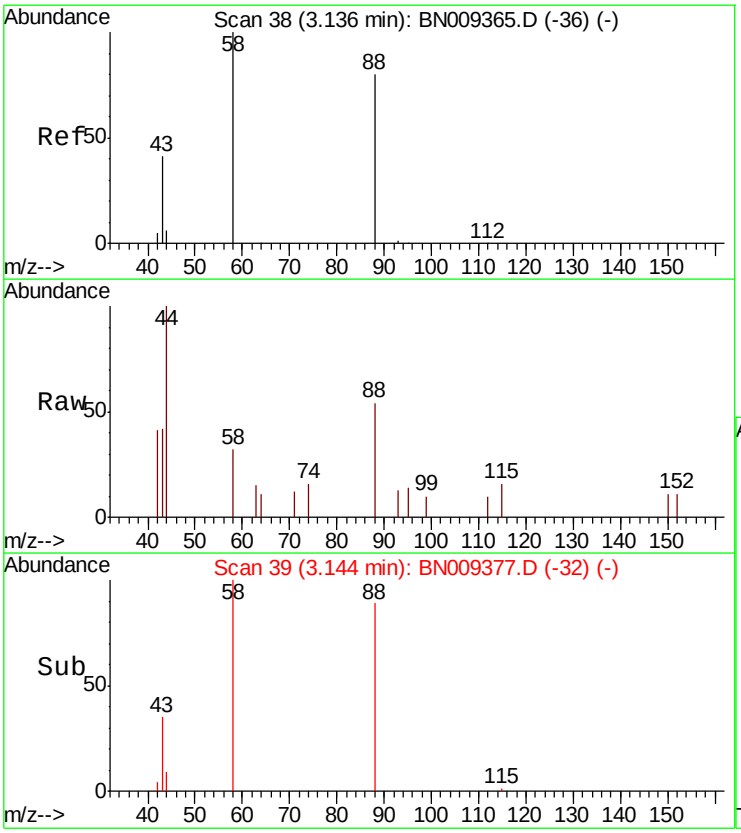
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1396

Ion	Ratio	Lower	Upper
152	100		
150	150.3	125.7	188.5
115	64.4	53.3	79.9

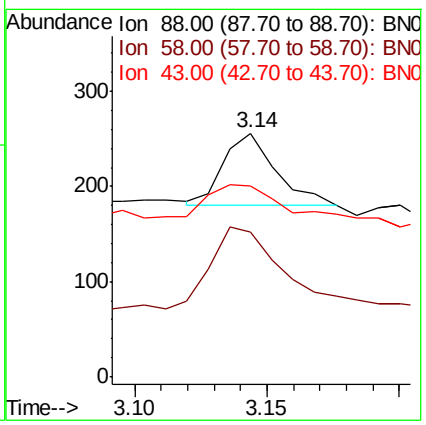


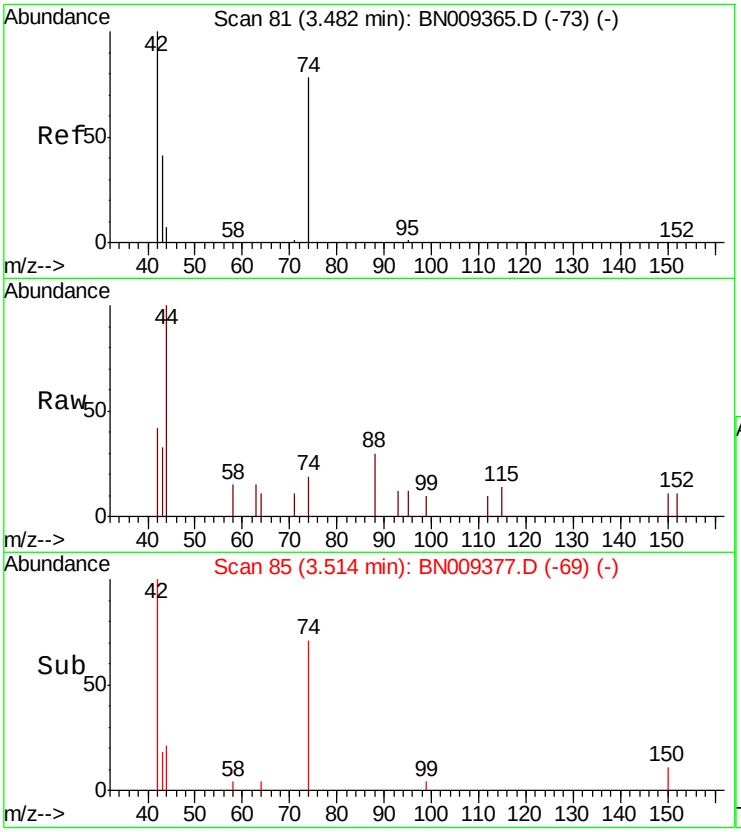


#2
1,4-Dioxane
Concen: 0.071 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 88 Resp: 104

Ion	Ratio	Lower	Upper
88	100		
58	151.0	100.2	150.2#
43	60.6	43.1	64.7



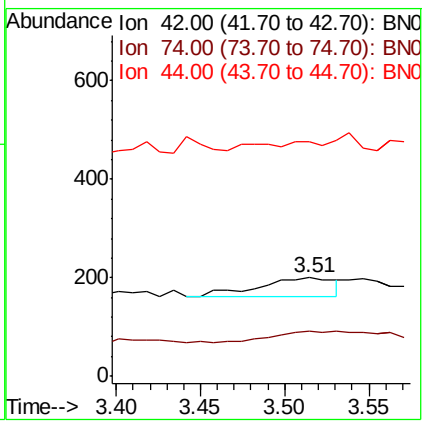


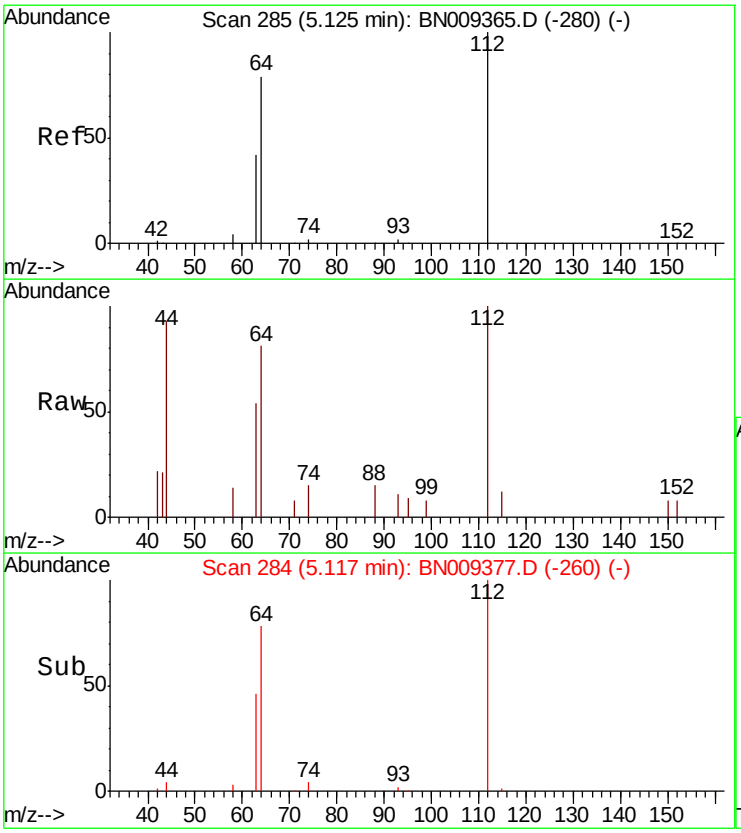
#3
n-Nitrosodimethylamine
Concen: 0.056 ng
RT: 3.51 min Scan# 85
Delta R.T. 0.03 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 125

Ion	Ratio	Lower	Upper
42	100		
74	39.2	55.8	83.8#
44	0.0	11.1	16.7#

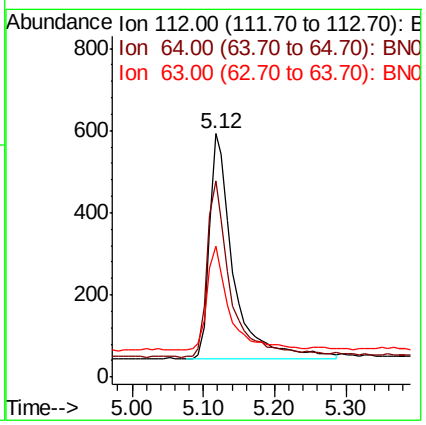


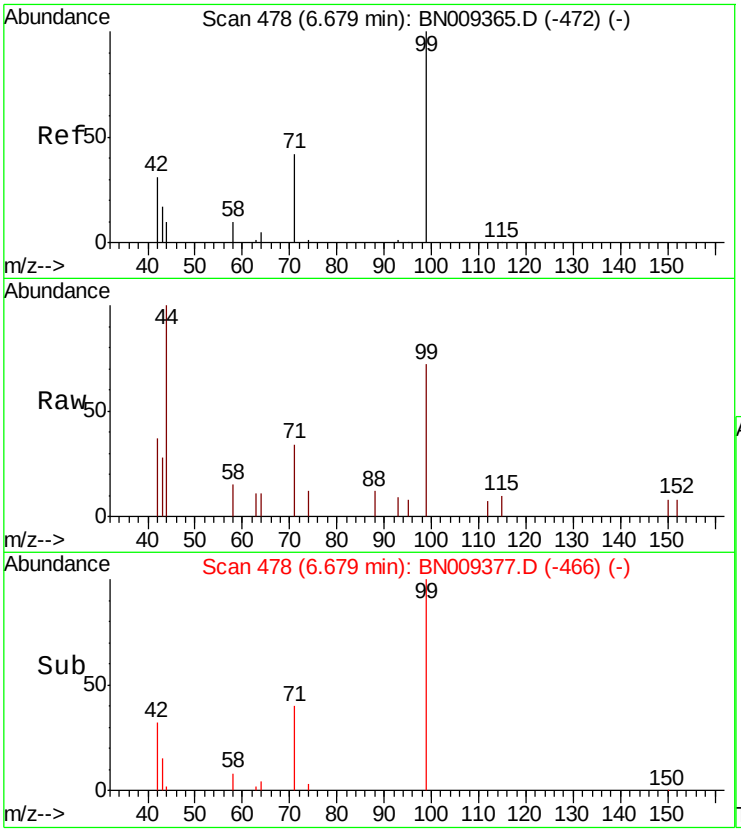


#4
2-Fluorophenol
Concen: 0.391 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:112 Resp: 1255

Ion	Ratio	Lower	Upper
112	100		
64	78.2	61.5	92.3
63	43.7	35.0	52.4



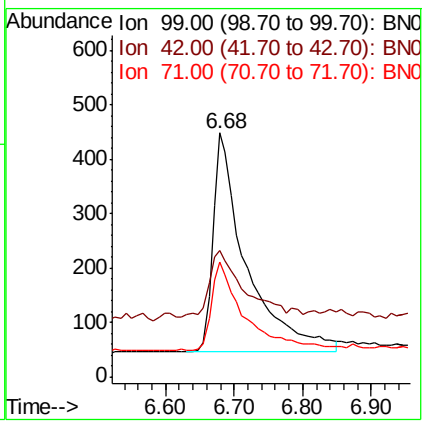


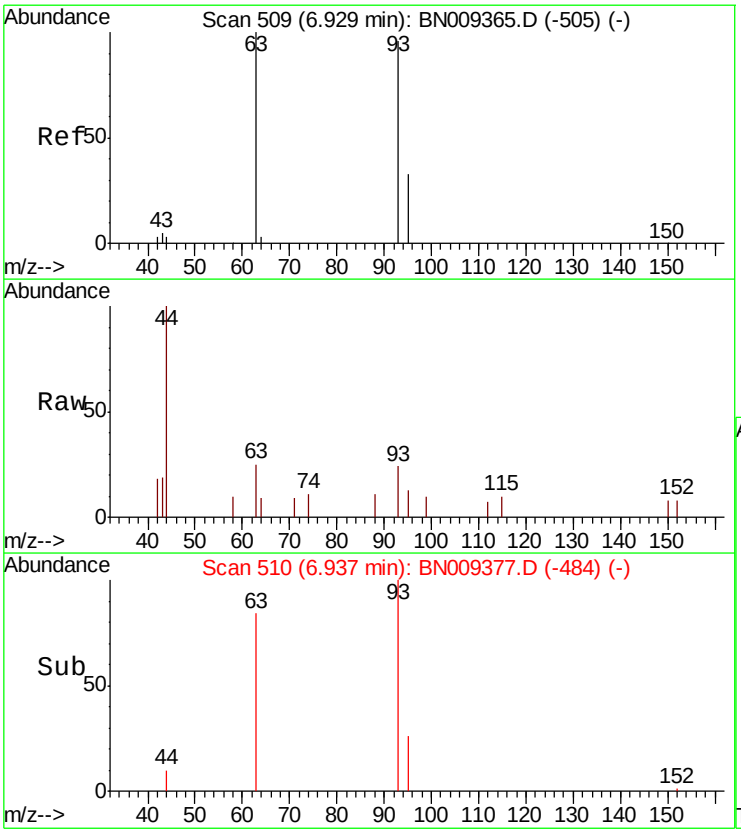
#5
Phenol-d6
Concen: 0.364 ng
RT: 6.68 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1354

Ion	Ratio	Lower	Upper
99	100		
42	30.9	27.6	41.4
71	40.5	33.0	49.6

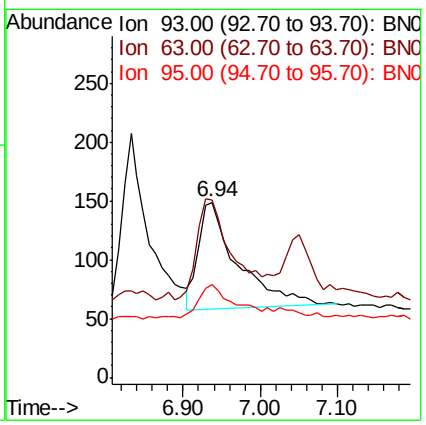


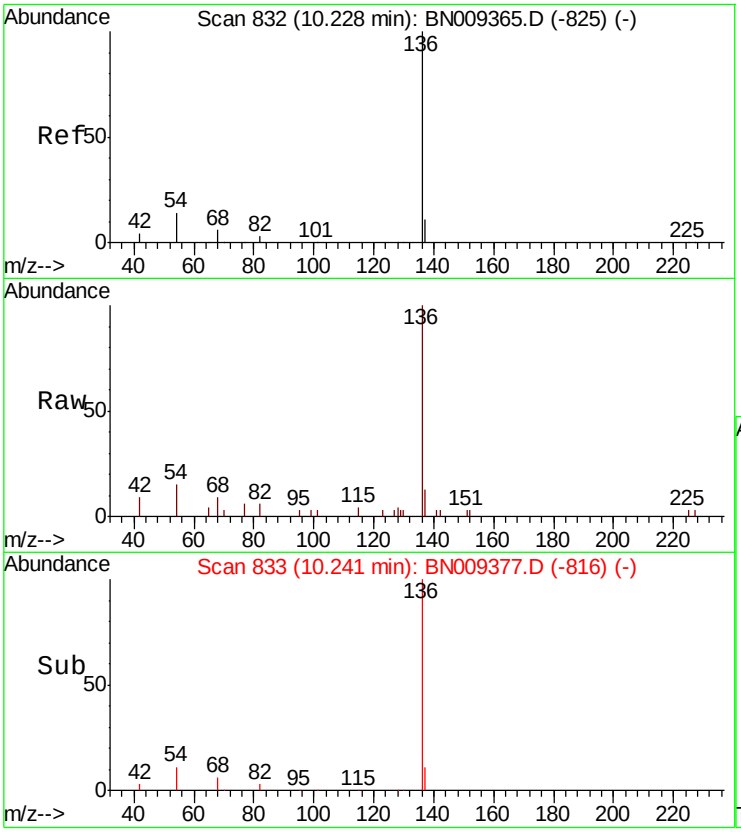


#6
bis(2-Chloroethyl)ether
Concen: 0.084 ng
RT: 6.94 min Scan# 510
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 93 Resp: 320

Ion	Ratio	Lower	Upper
93	100		
63	90.3	85.1	127.7
95	29.7	30.2	45.4#



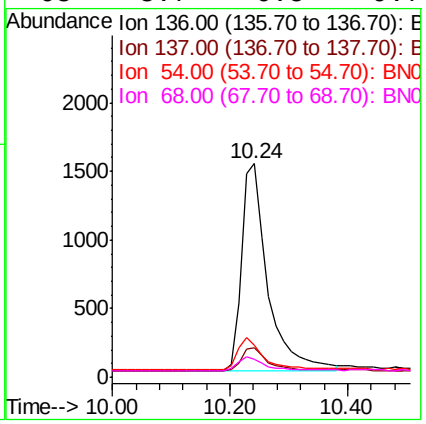


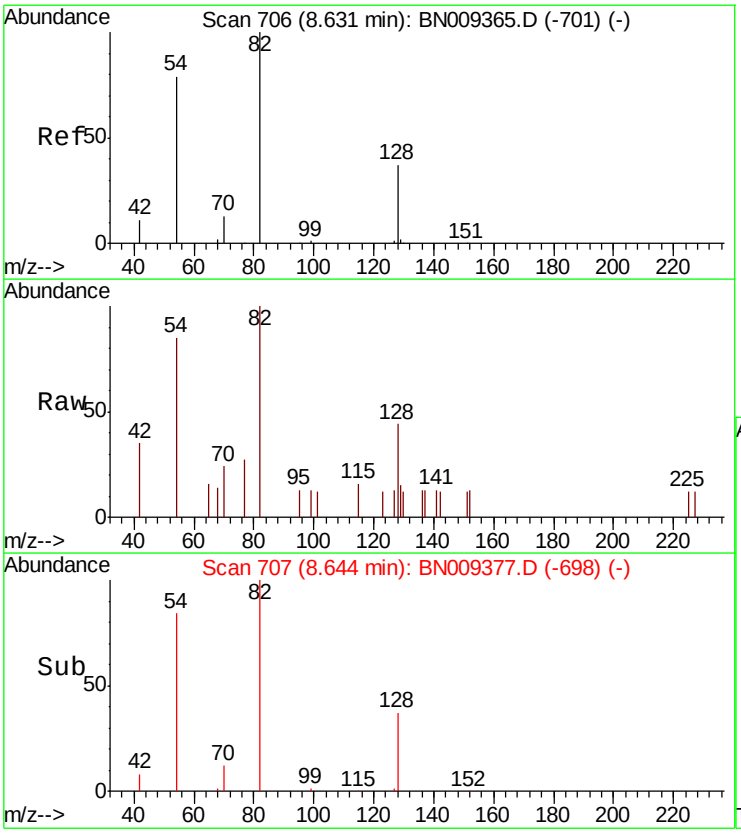
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4630

Ion	Ratio	Lower	Upper
136	100		
137	13.5	10.3	15.5
54	14.8	12.6	19.0
68	8.7	6.5	9.7

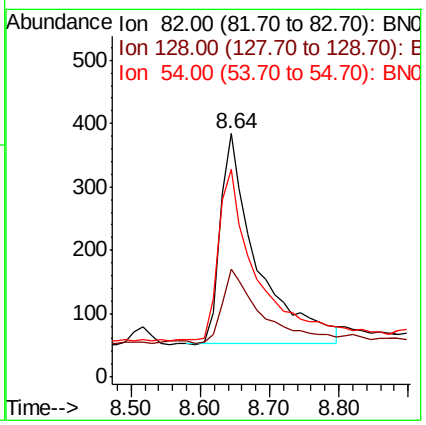


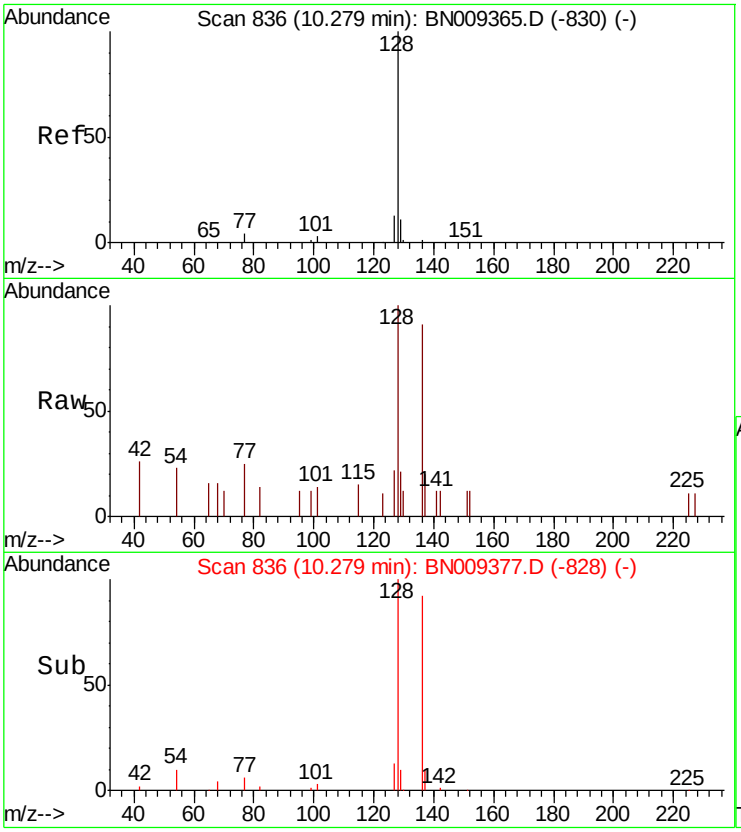


#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.64 min Scan# 707
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion: 82 Resp: 1237

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.8	52.2
54	85.2	65.8	98.6



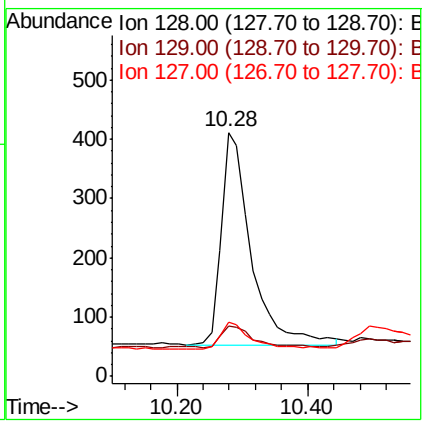


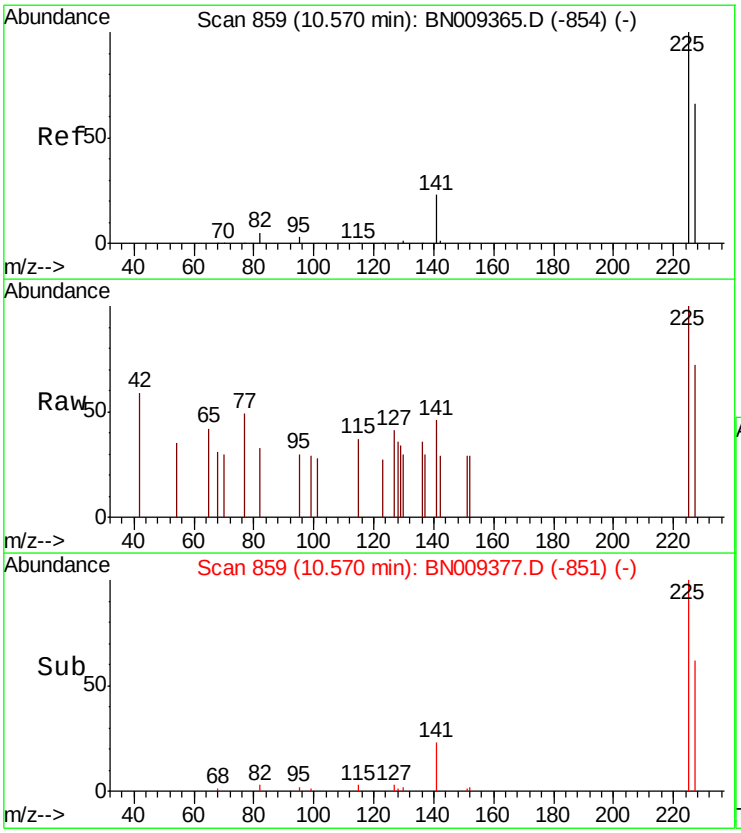
#9
Naphthalene
Concen: 0.091 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 1134

Ion	Ratio	Lower	Upper
128	100		
129	20.9	10.4	15.6#
127	22.4	11.4	17.2#

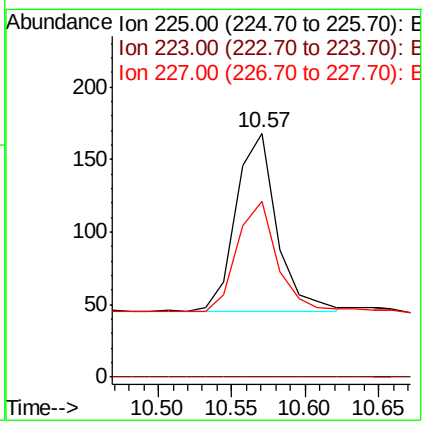


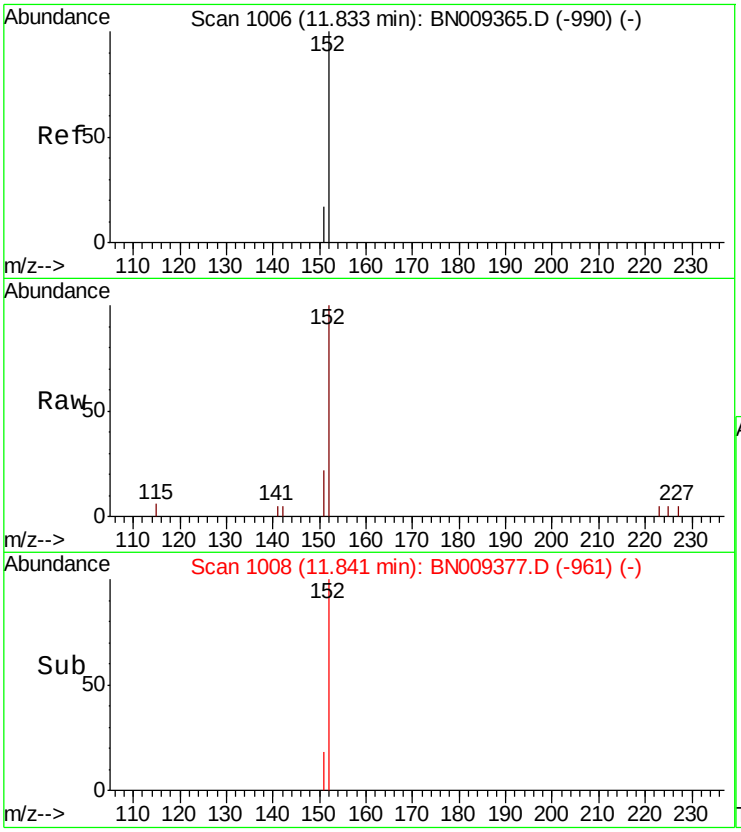


#10
Hexachlorobutadiene
Concen: 0.087 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:225 Resp: 238

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	60.5	52.6	78.8



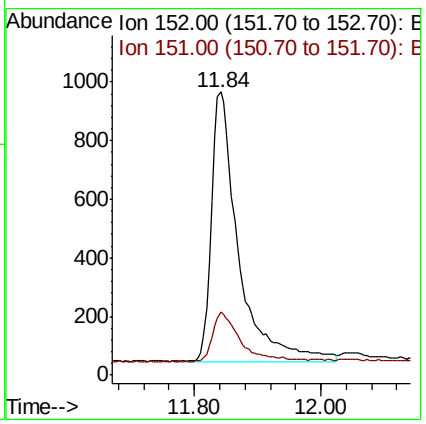


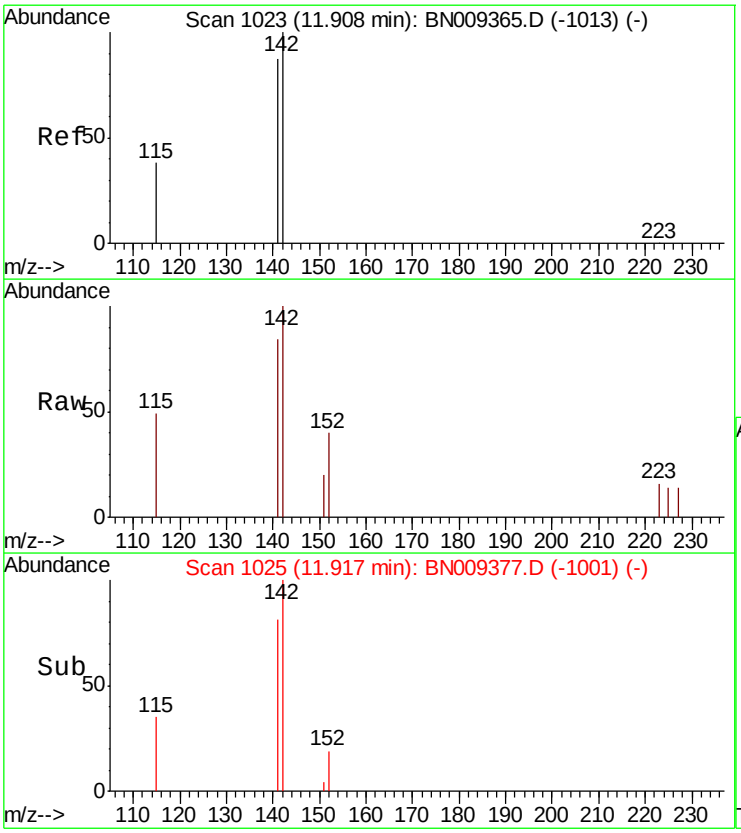
#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 11.84 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2729

Ion	Ratio	Lower	Upper
152	100		
151	18.0	14.8	22.2

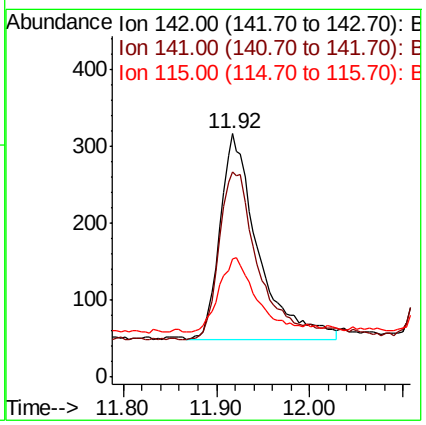


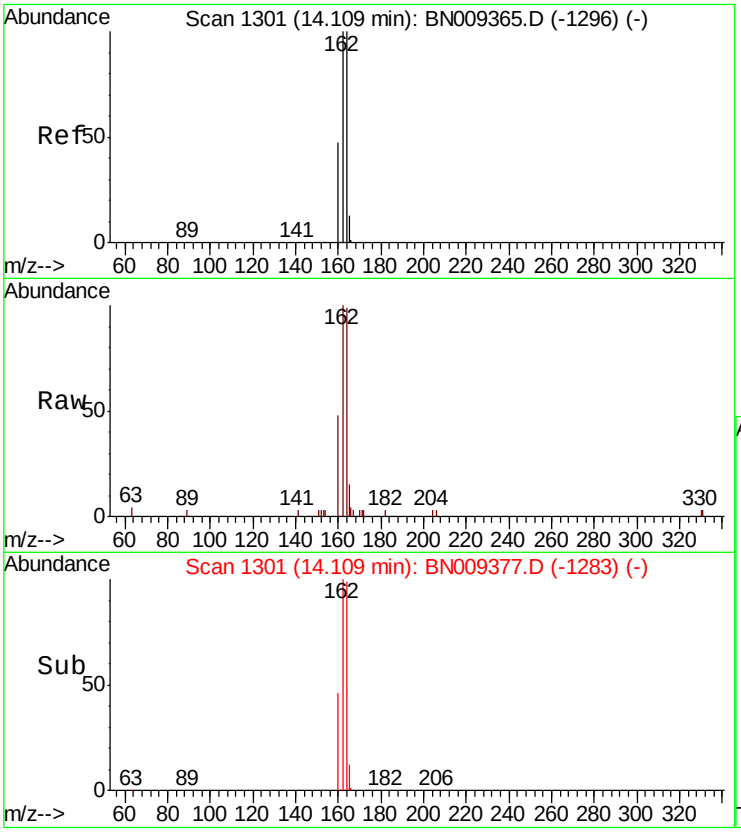


#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 11.92 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:142 Resp: 752

Ion	Ratio	Lower	Upper
142	100		
141	84.2	69.8	104.6
115	48.6	32.5	48.7



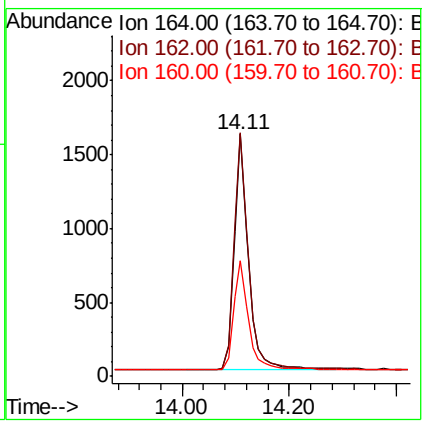


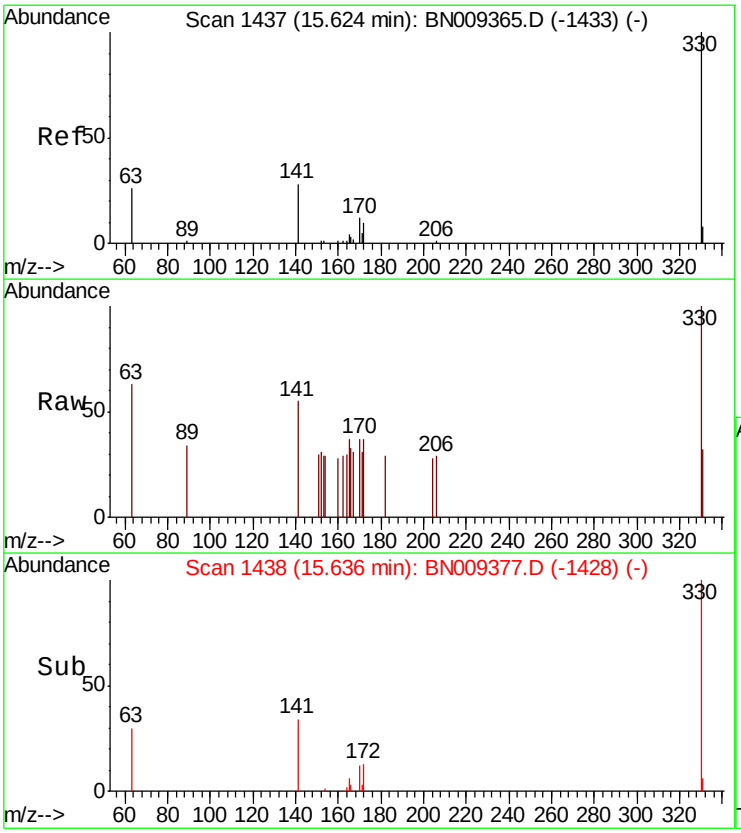
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2923

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.8	119.6
160	48.0	38.4	57.6

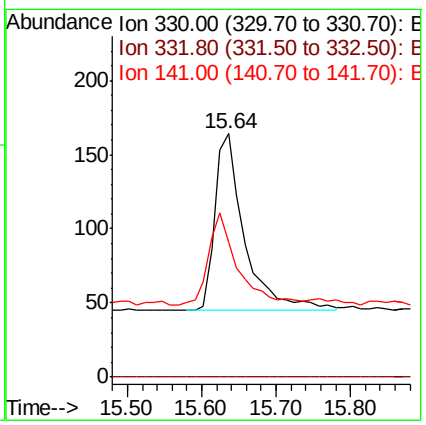


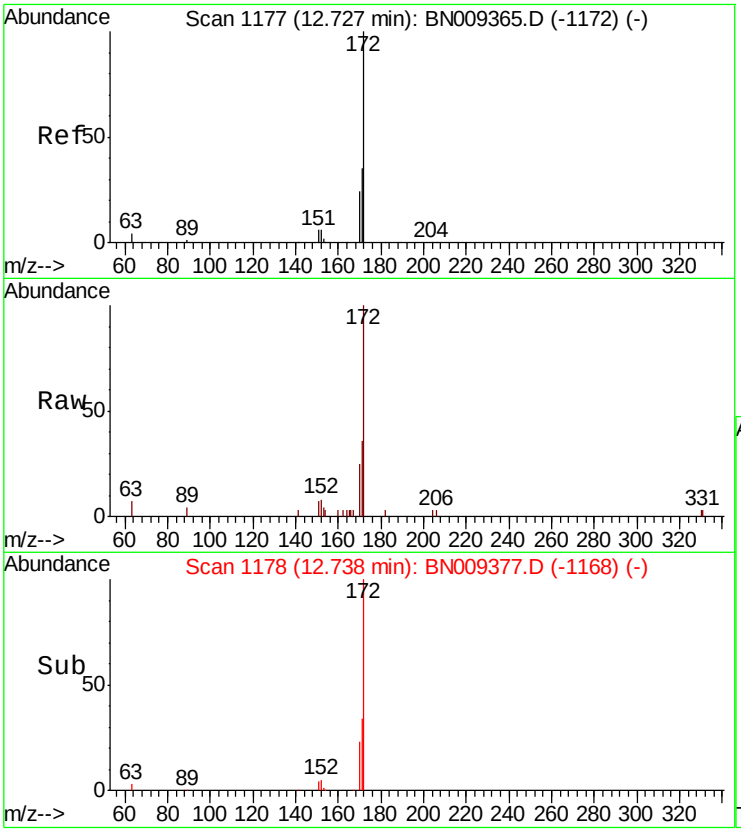


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.64 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:330 Resp: 329

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.2	33.1	49.7#



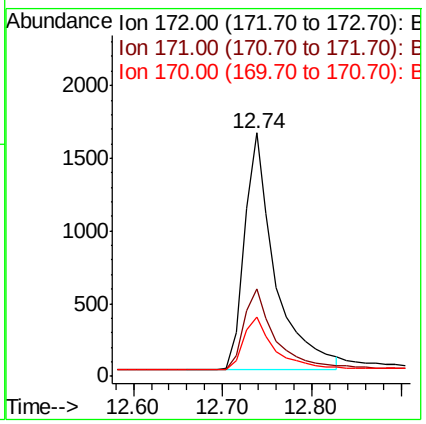


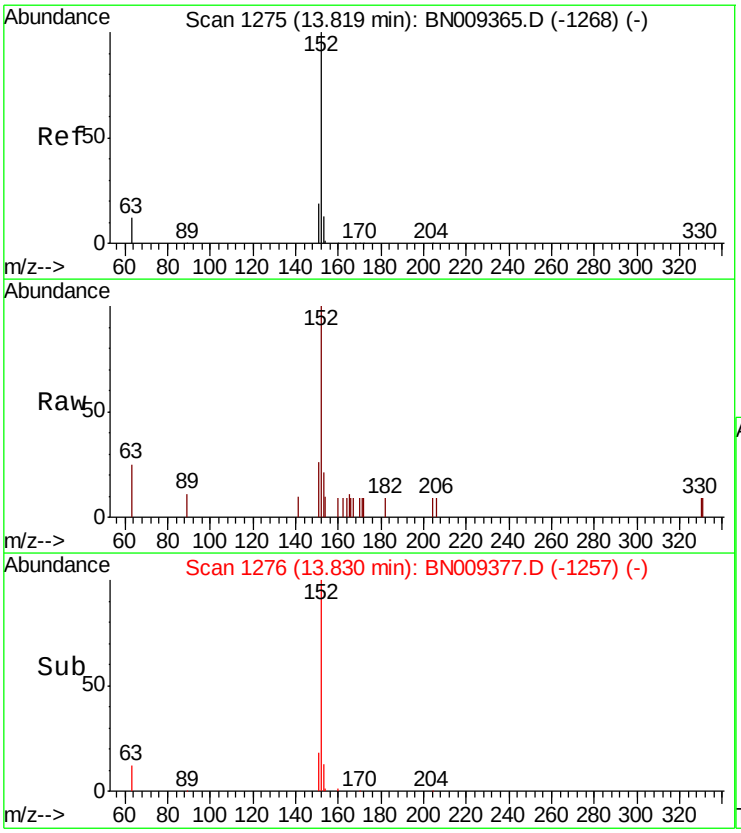
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.74 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3897

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	24.6	20.7	31.1

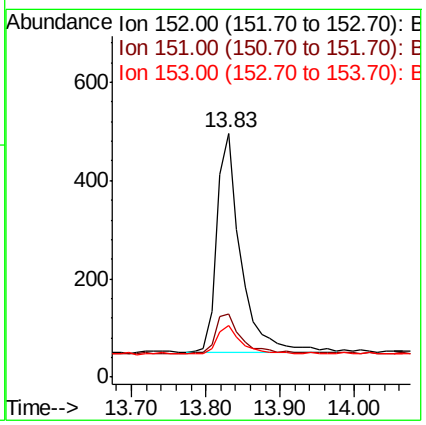


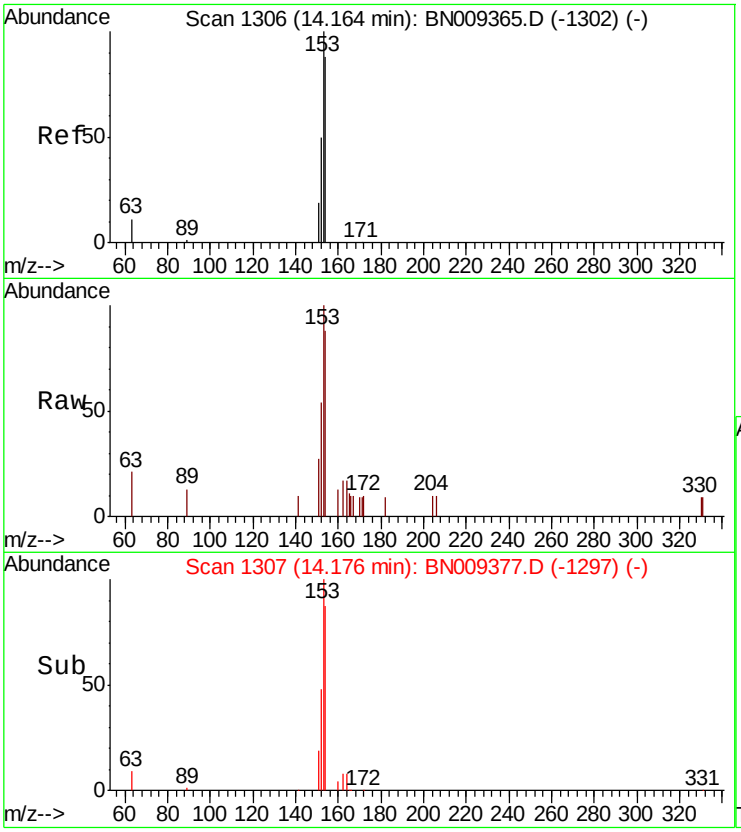


#16
Acenaphthylene
Concen: 0.080 ng
RT: 13.83 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:152 Resp: 1006

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	12.7	10.4	15.6



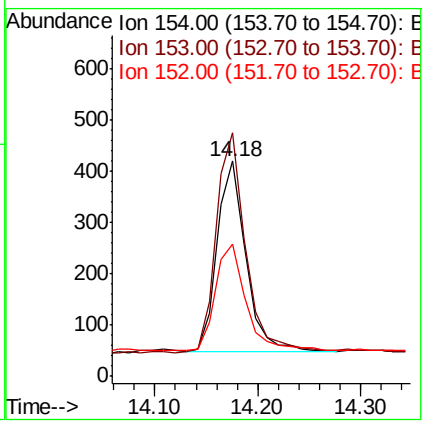


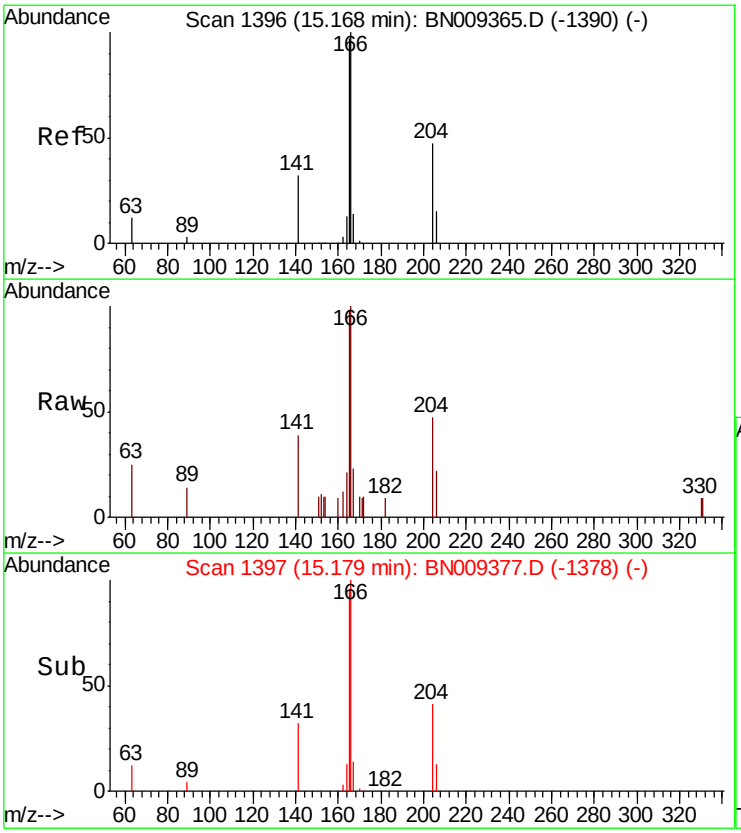
#17
Acenaphthene
Concen: 0.081 ng
RT: 14.18 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 722

Ion	Ratio	Lower	Upper
154	100		
153	117.9	90.5	135.7
152	60.1	45.3	67.9

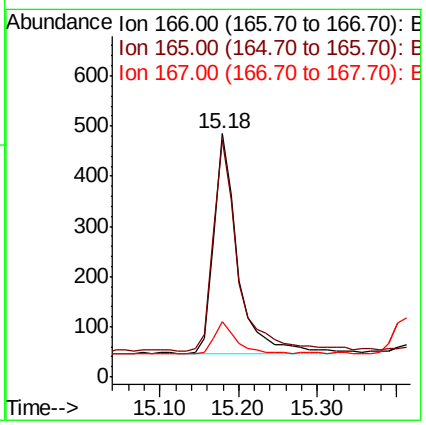


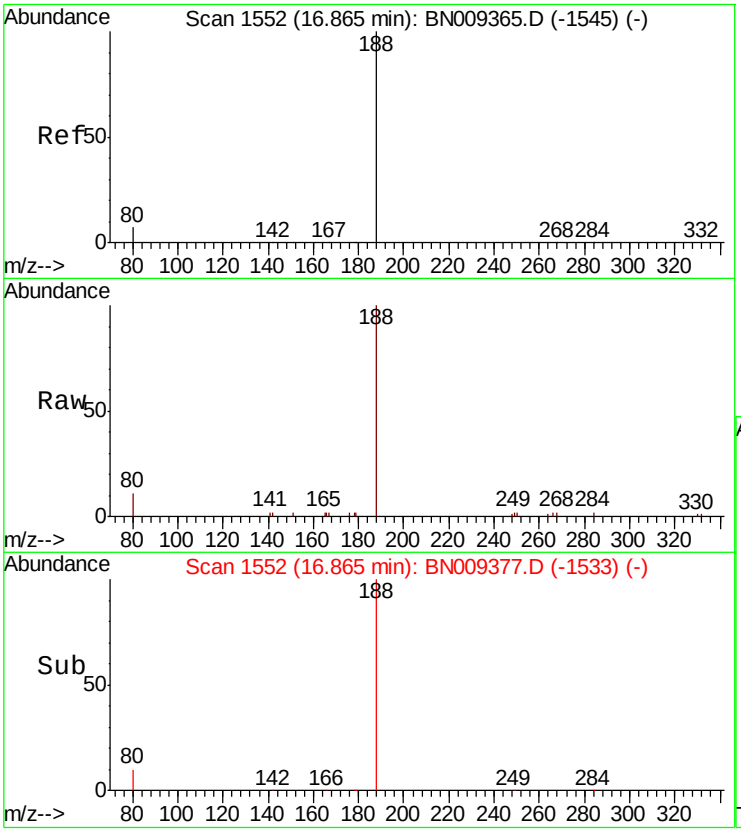


#18
Fluorene
Concen: 0.080 ng
RT: 15.18 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:166 Resp: 923

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.2
167	13.7	11.0	16.6



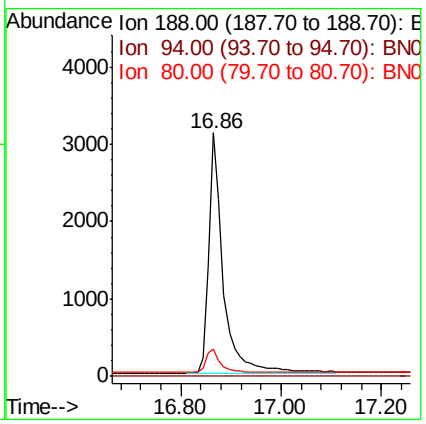


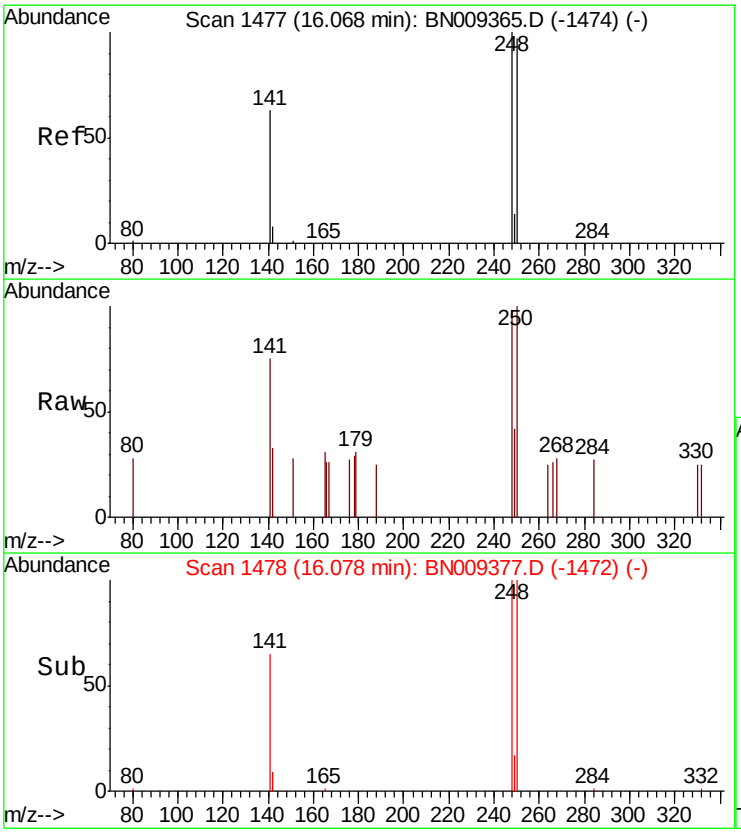
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6314

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	6.6	10.0#

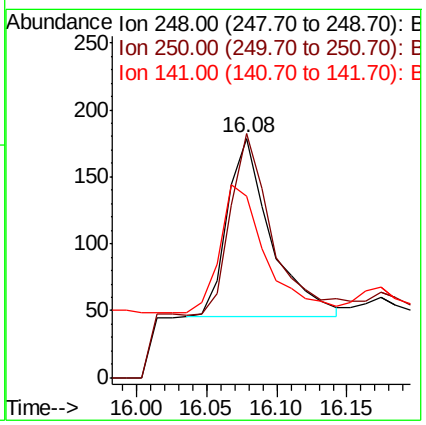


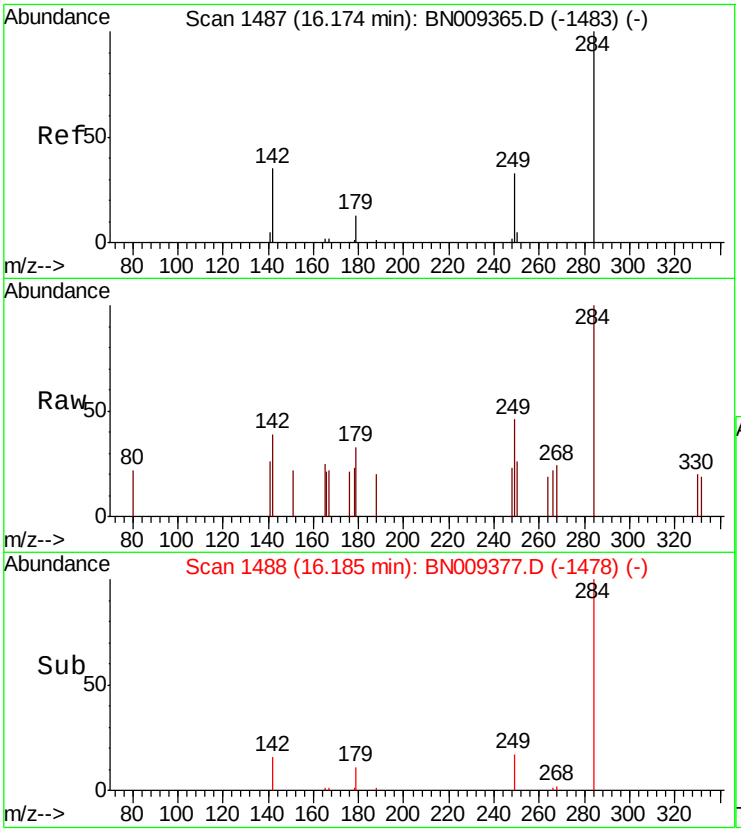


#20
4-Bromophenyl-phenylether
Concen: 0.075 ng
RT: 16.08 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:248 Resp: 287

Ion	Ratio	Lower	Upper
248	100		
250	101.7	77.8	116.8
141	76.0	53.4	80.0



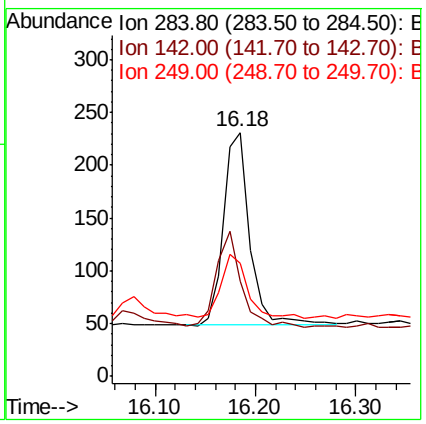


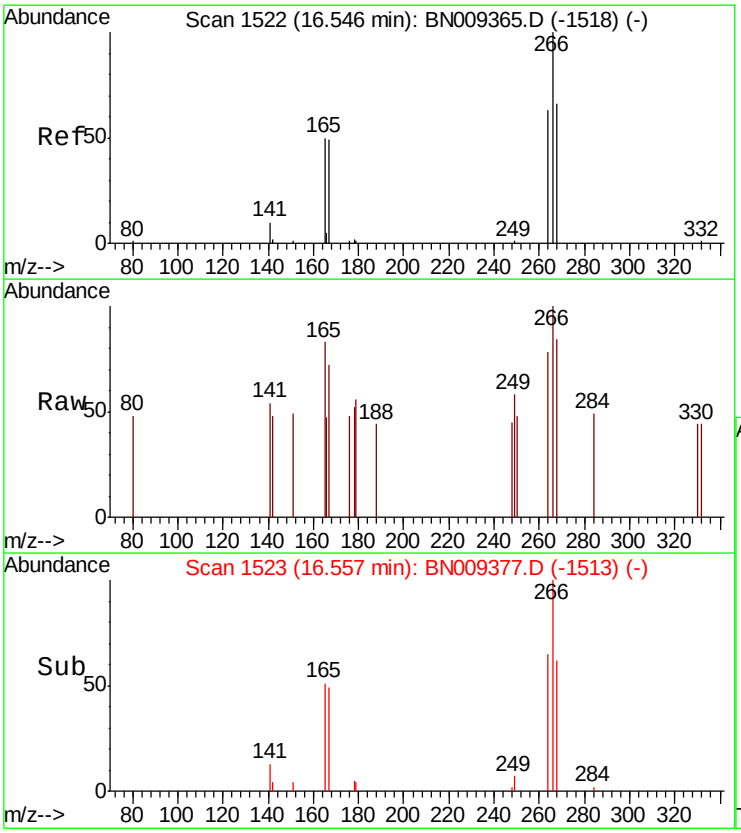
#21
Hexachlorobenzene
Concen: 0.081 ng
RT: 16.18 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 328

Ion	Ratio	Lower	Upper
284	100		
142	47.6	33.8	50.8
249	31.4	27.0	40.4

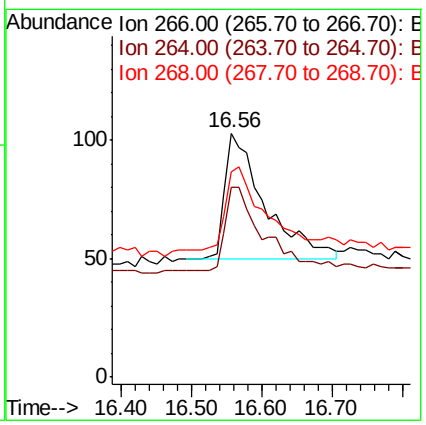


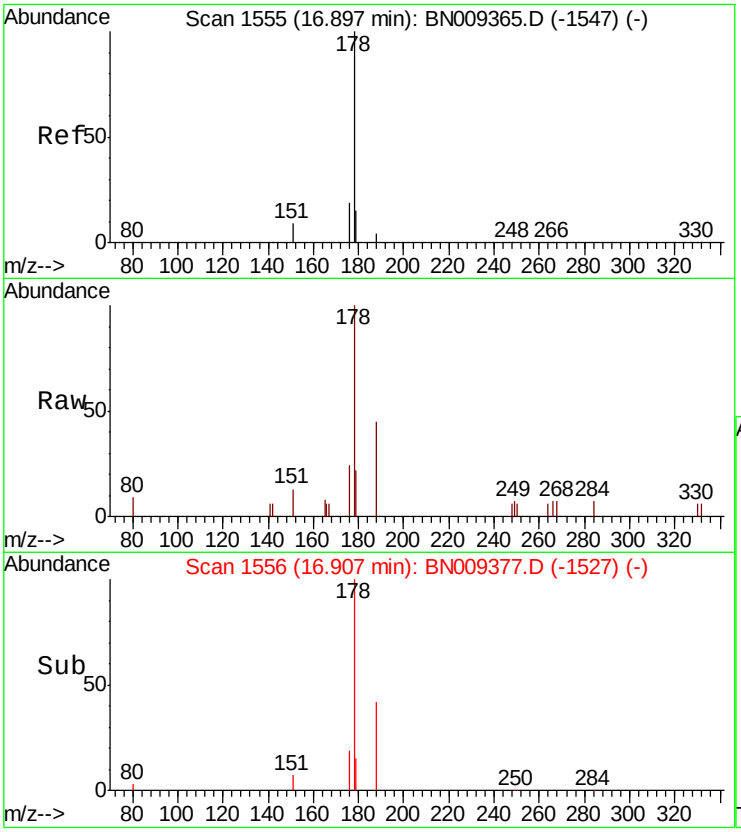


#22
Pentachlorophenol
Concen: 0.183 ng
RT: 16.56 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:266 Resp: 208

Ion	Ratio	Lower	Upper
266	100		
264	77.7	57.8	86.6
268	84.5	63.8	95.6



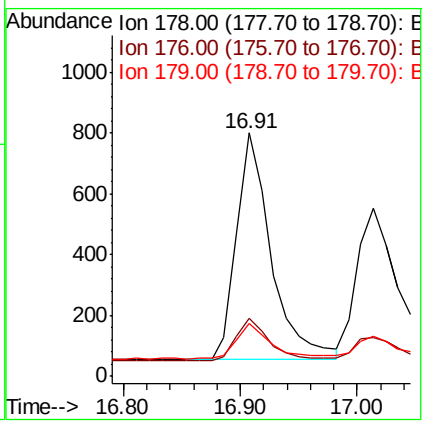


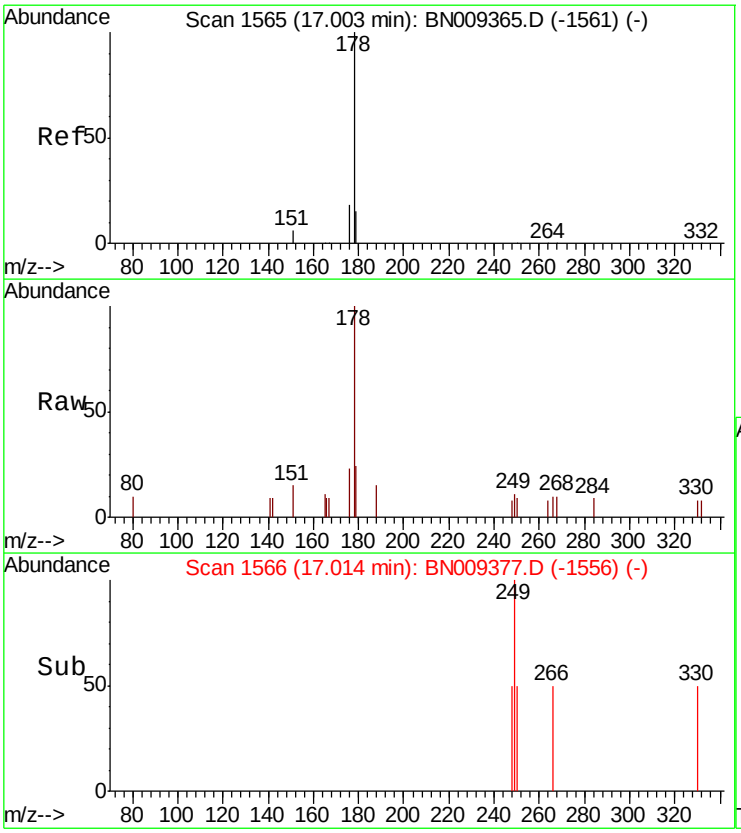
#23
Phenanthrene
Concen: 0.081 ng
RT: 16.91 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1536

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.6	12.3	18.5

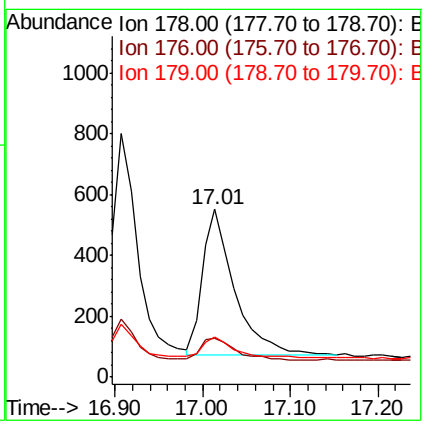


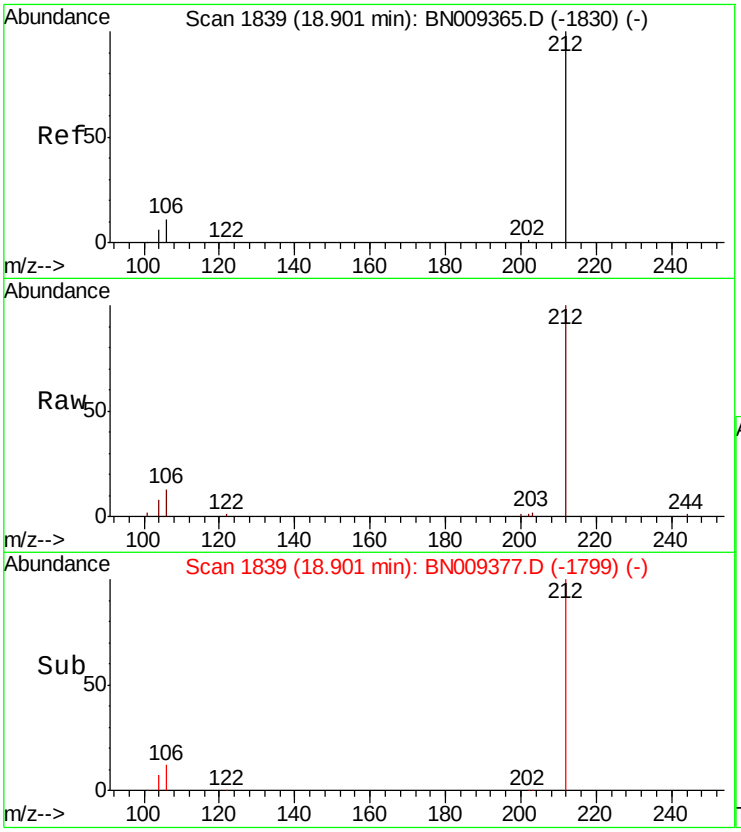


#24
Anthracene
Concen: 0.076 ng
RT: 17.01 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:178 Resp: 1206

Ion	Ratio	Lower	Upper
178	100		
176	17.0	14.6	21.8
179	13.5	12.5	18.7



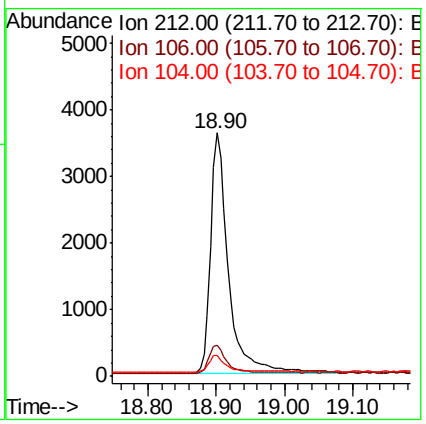


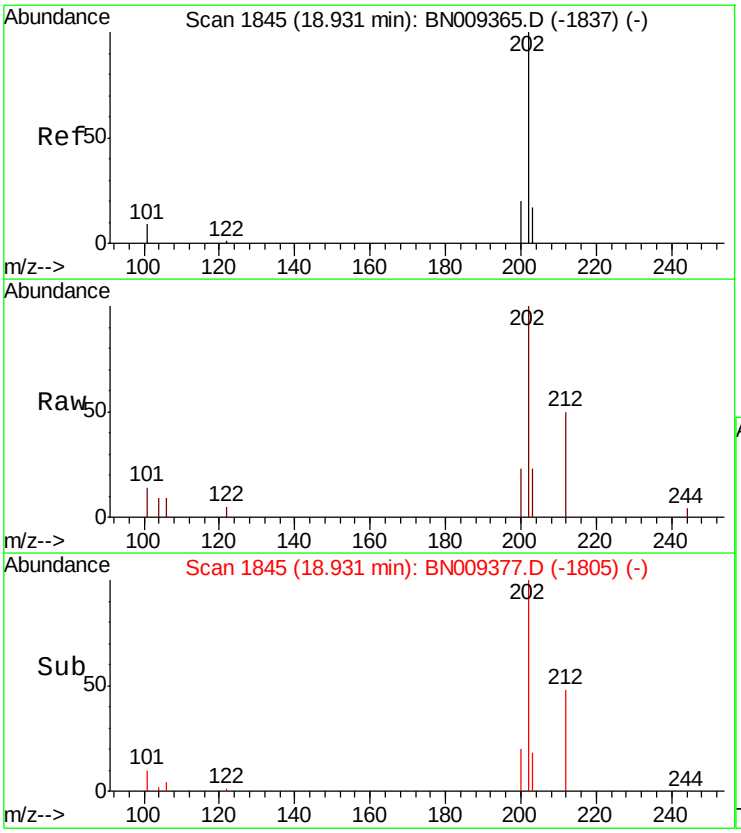
#25
Fluoranthene-d10
Concen: 0.305 ng
RT: 18.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6609

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.2	13.8
104	6.6	5.4	8.0

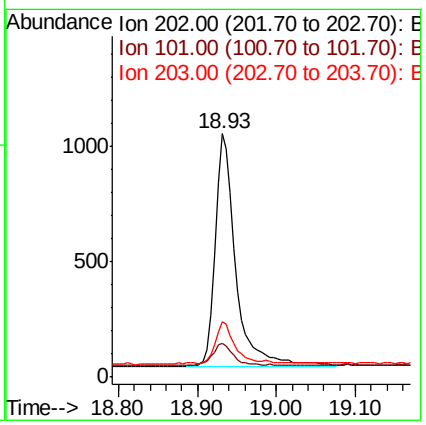


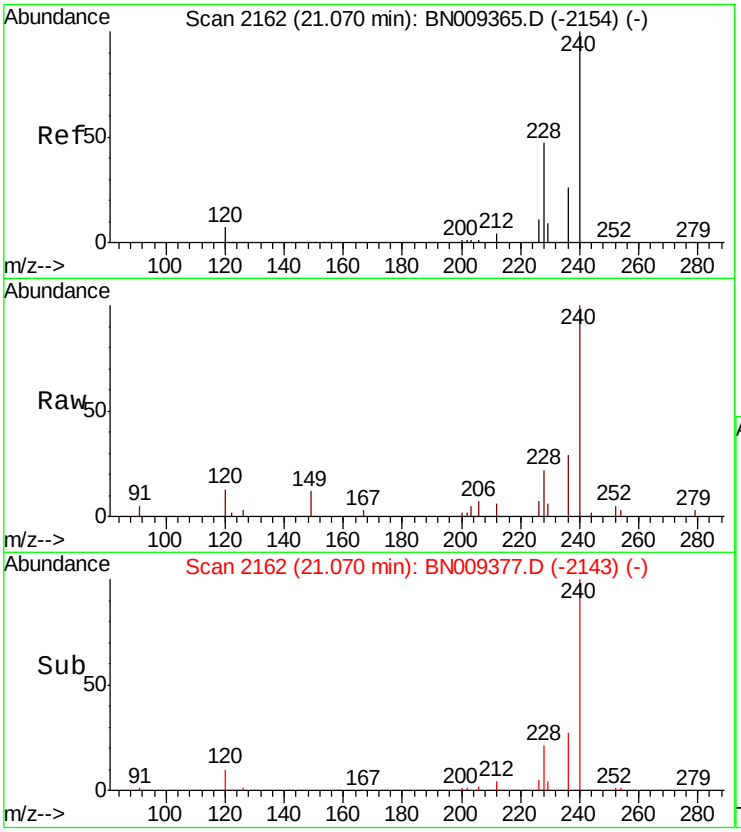


#26
Fluoranthene
Concen: 0.083 ng
RT: 18.93 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:202 Resp: 1844

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.0	12.0
203	17.3	13.5	20.3



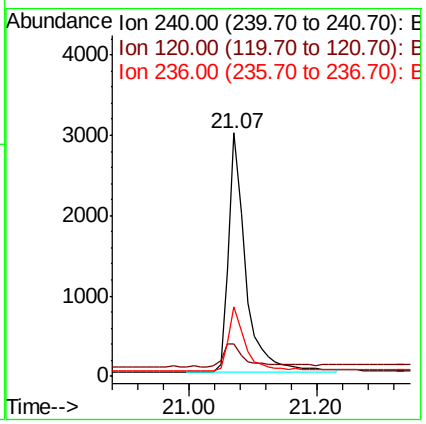


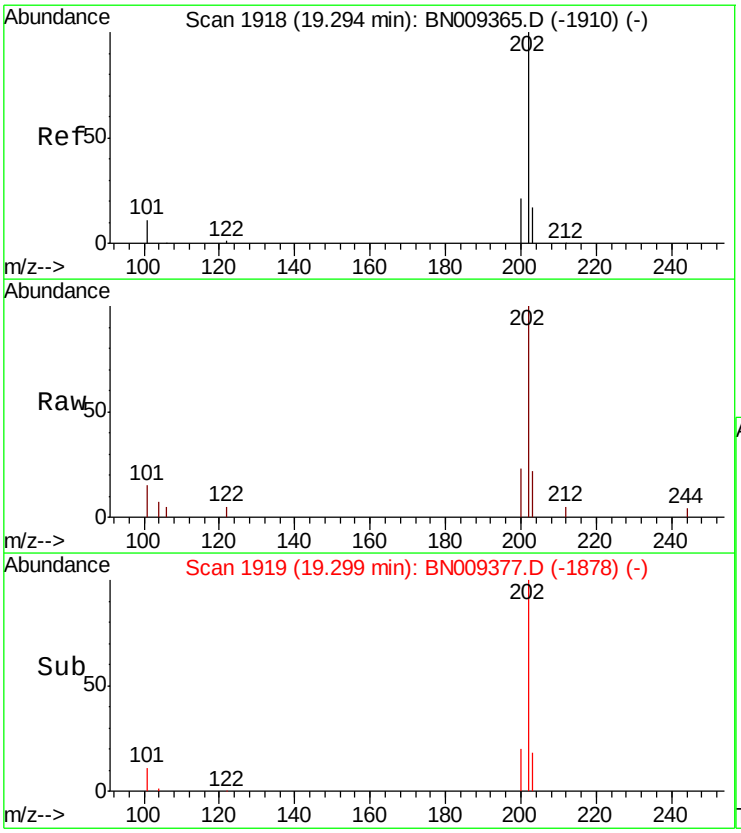
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5621

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.1	12.1#
236	28.7	22.2	33.4

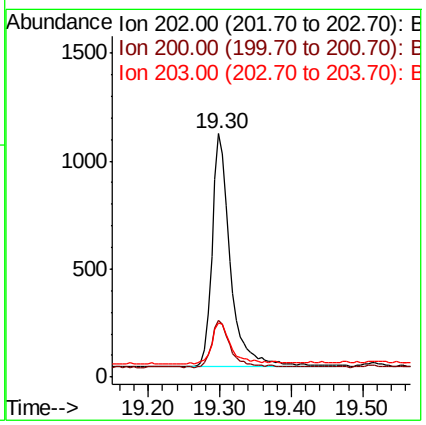


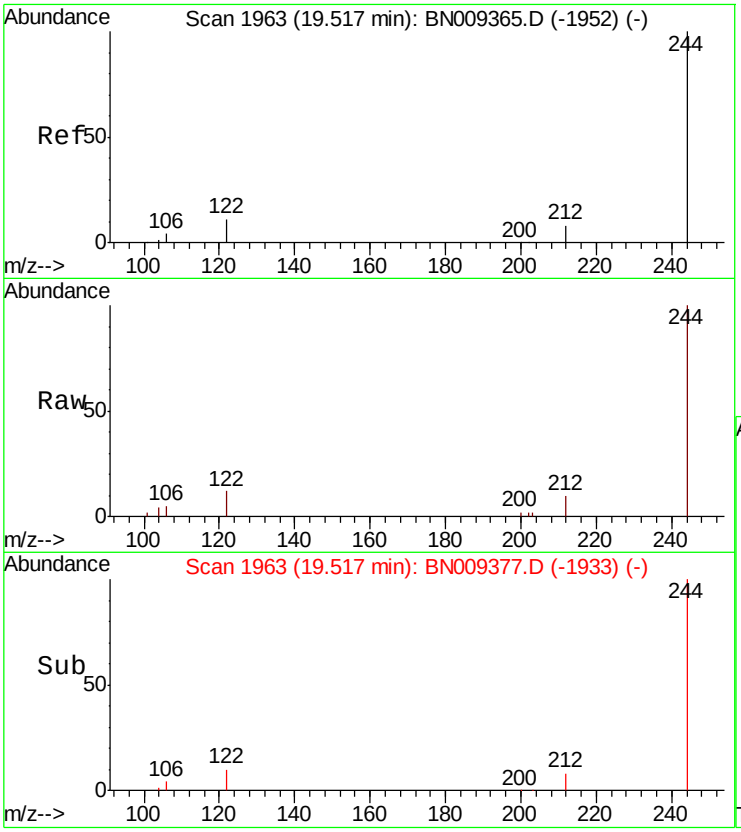


#28
Pyrene
Concen: 0.089 ng
RT: 19.30 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:202 Resp: 1888

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	18.3	14.1	21.1



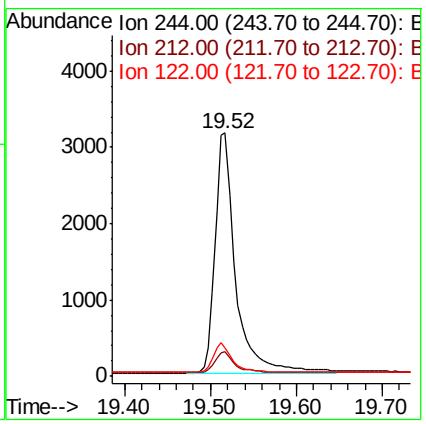


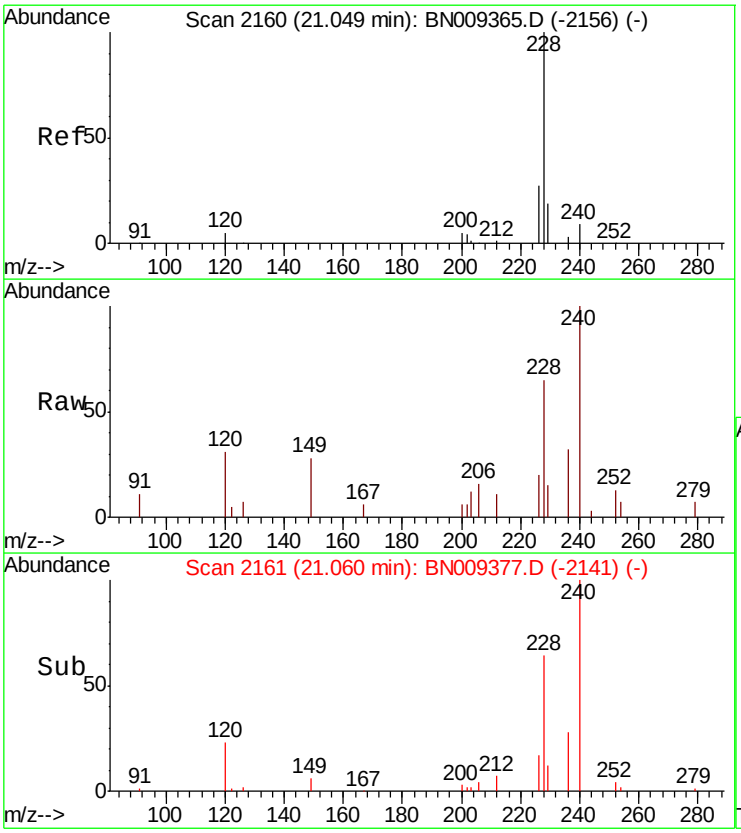
#29
Terphenyl-d14
Concen: 0.393 ng
RT: 19.52 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5229

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.5	11.3
122	11.8	9.8	14.6

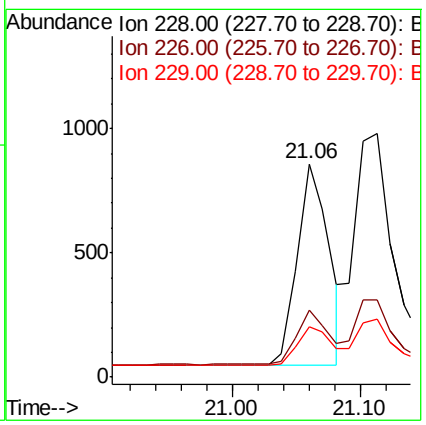


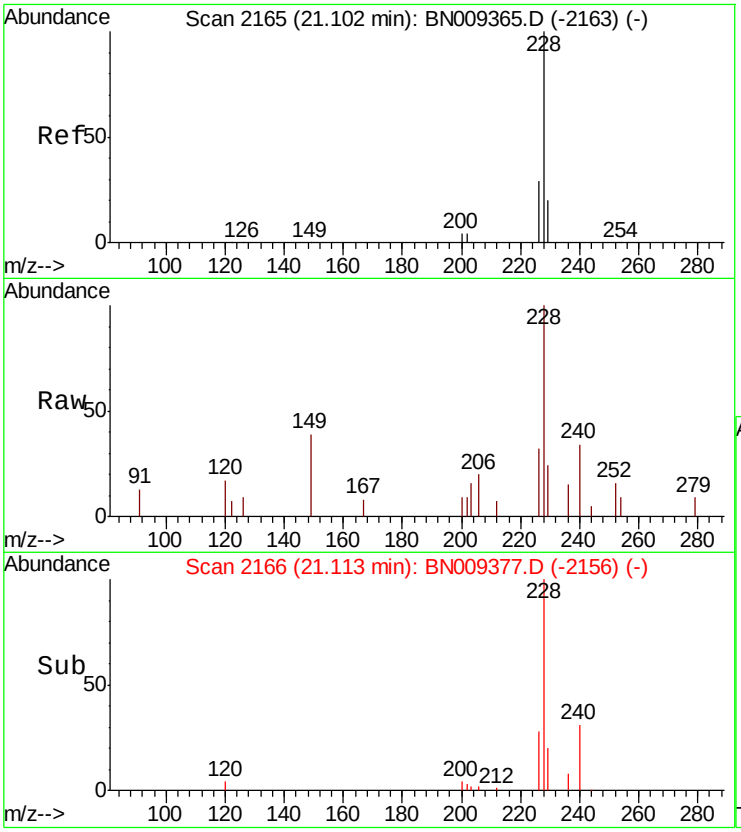


#30
Benzo(a)anthracene
Concen: 0.076 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:228 Resp: 1402

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.5	33.7
229	23.5	16.1	24.1



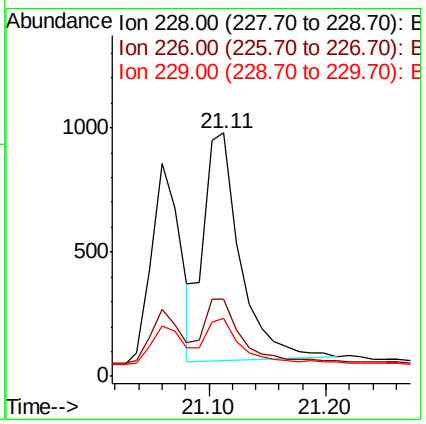


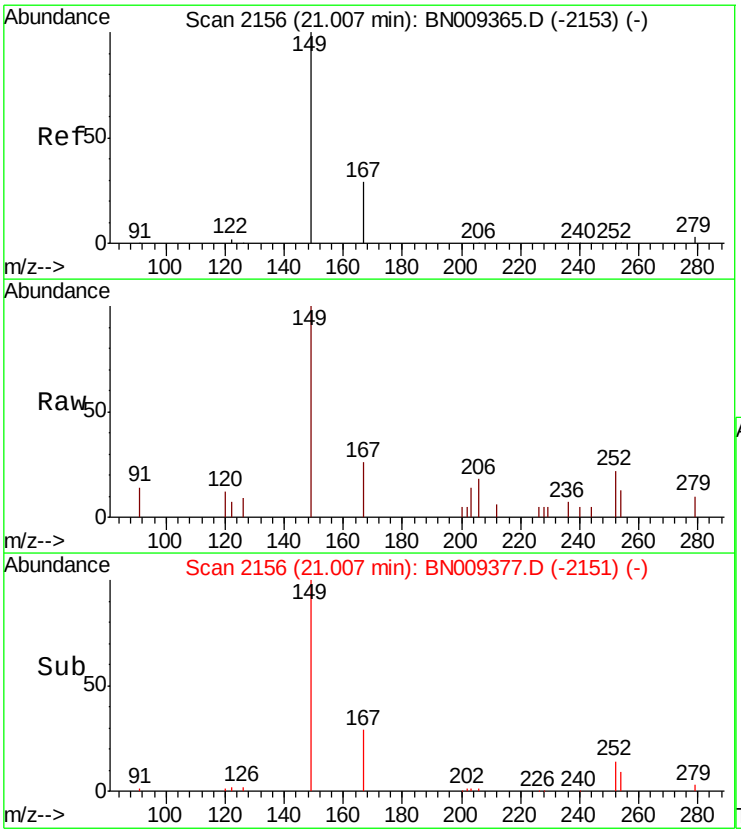
#31
Chrysene
Concen: 0.094 ng
RT: 21.11 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1997

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.8
229	24.0	16.6	24.8

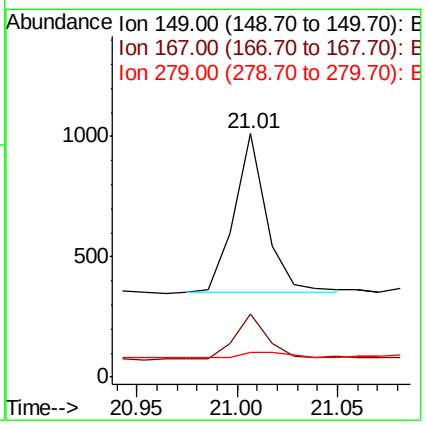


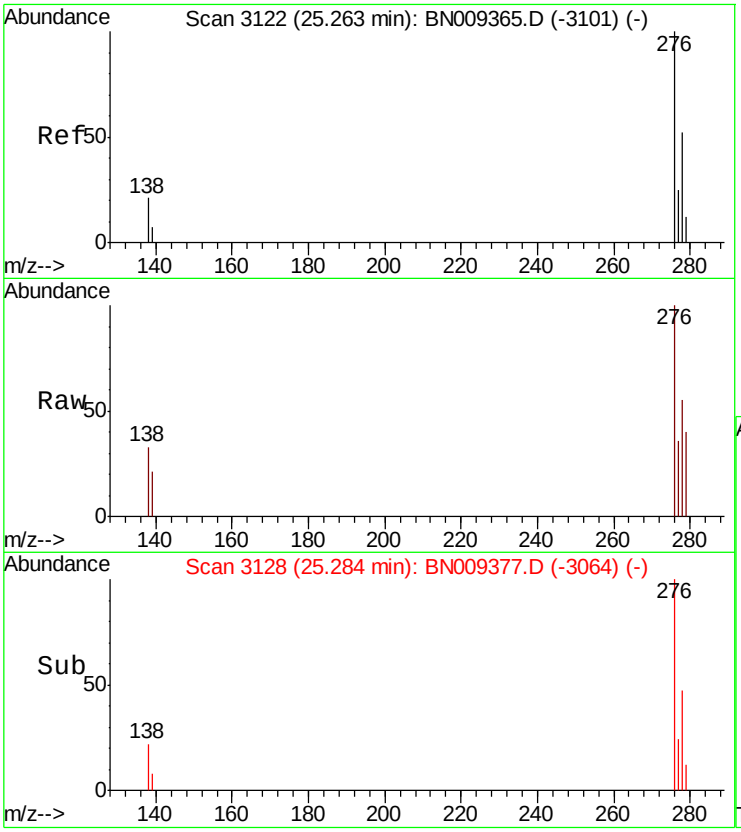


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:149 Resp: 740

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.9	34.3
279	4.2	3.4	5.0



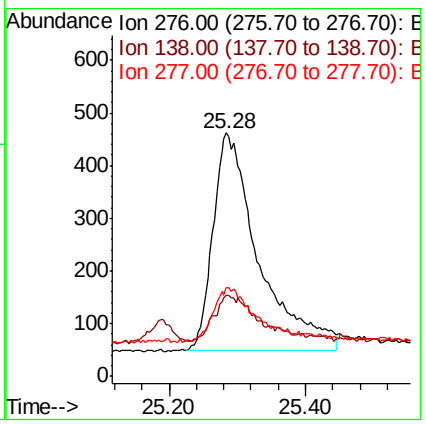


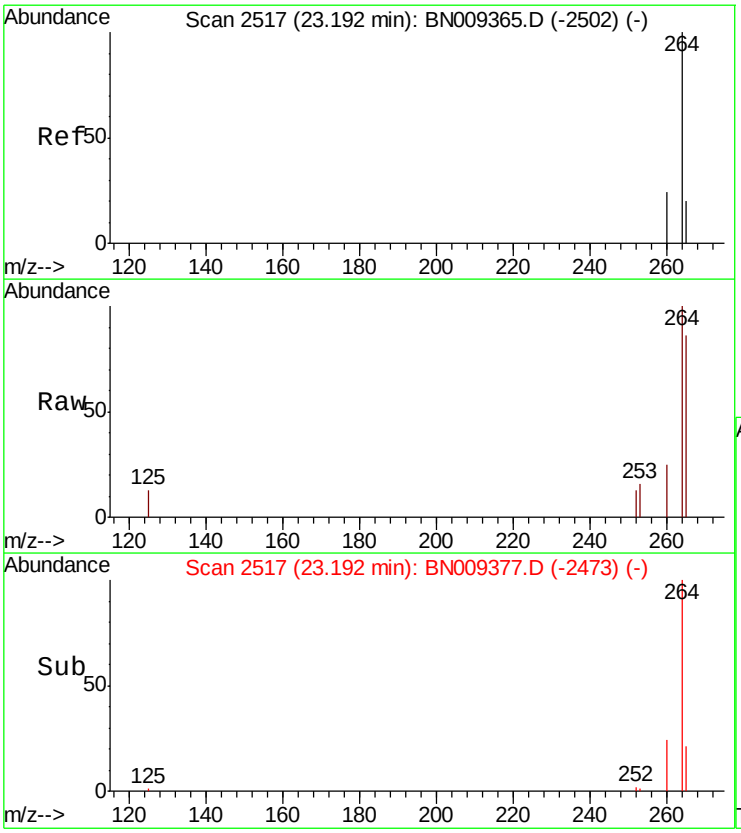
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng
RT: 25.28 min Scan# 3128
Delta R.T. 0.02 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1918

Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.9	23.9
277	20.2	19.8	29.6

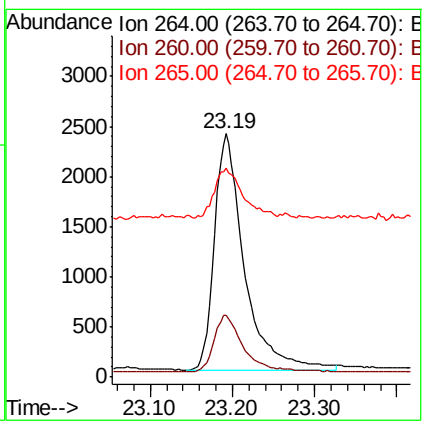


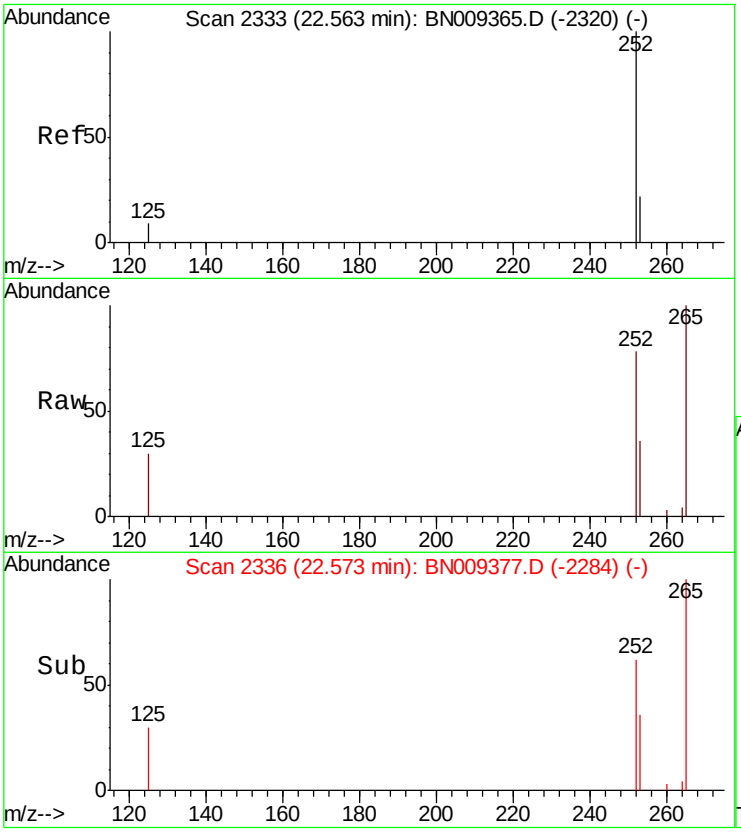


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:264 Resp: 5948

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.1	30.1
265	86.0	68.2	102.4



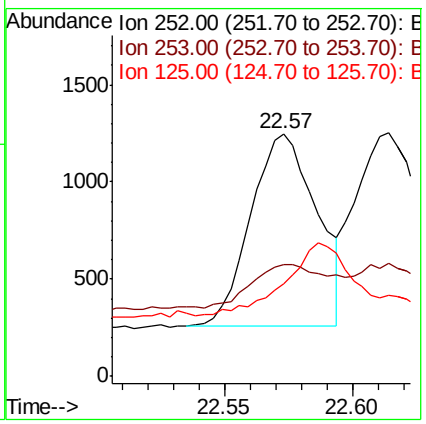


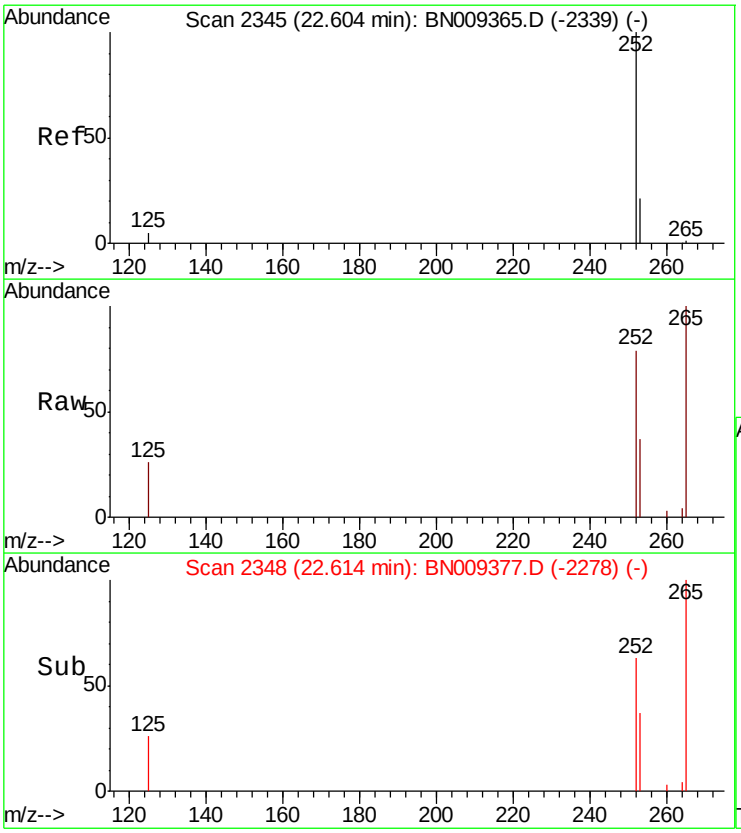
#35
Benzo(b)fluoranthene
Concen: 0.081 ng
RT: 22.57 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1780

Ion	Ratio	Lower	Upper
252	100		
253	46.3	22.4	33.6#
125	38.2	11.6	17.4#

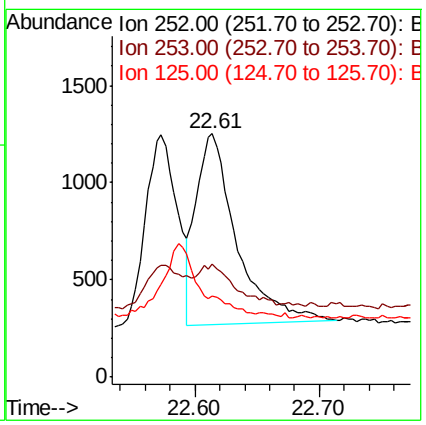


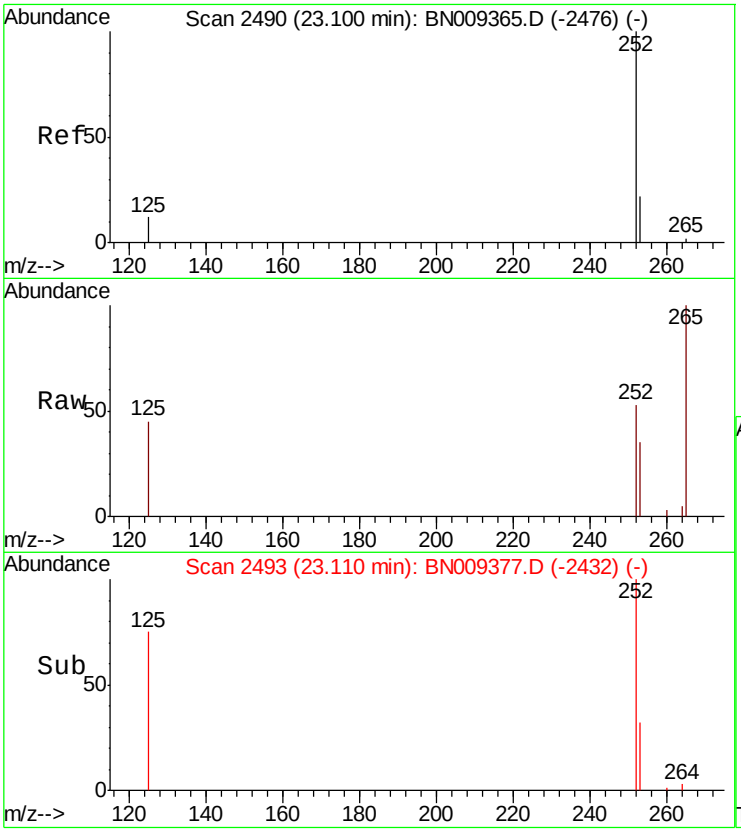


#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 22.61 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:252 Resp: 2207

Ion	Ratio	Lower	Upper
252	100		
253	46.5	21.9	32.9#
125	33.4	12.0	18.0#



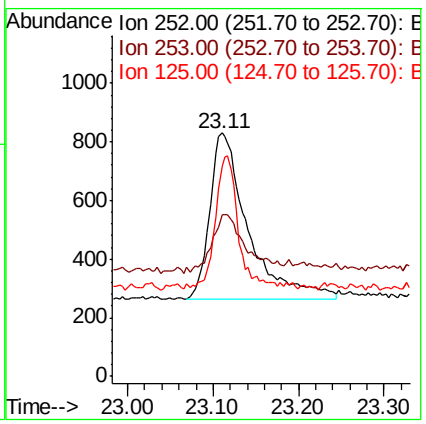


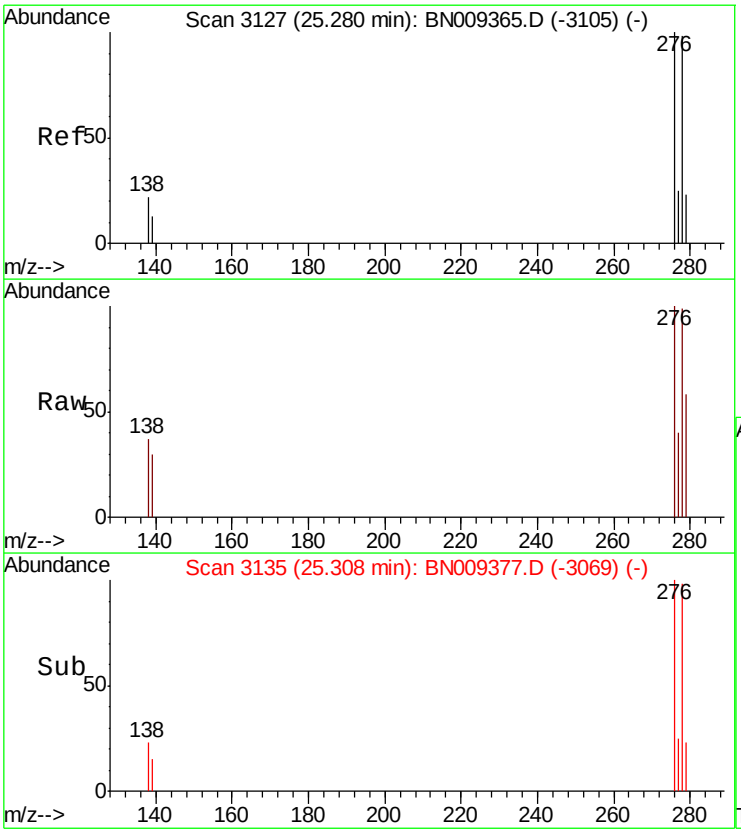
#37
Benzo(a)pyrene
Concen: 0.090 ng
RT: 23.11 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1741

Ion	Ratio	Lower	Upper
252	100		
253	66.2	25.4	38.0#
125	86.2	16.2	24.2#

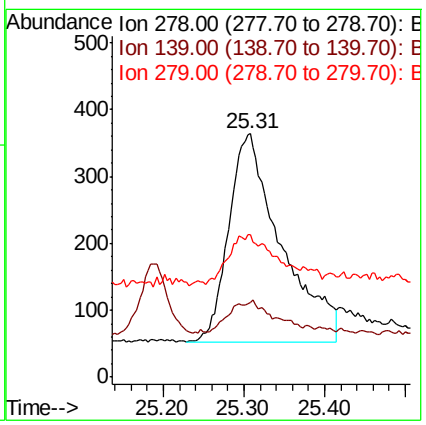


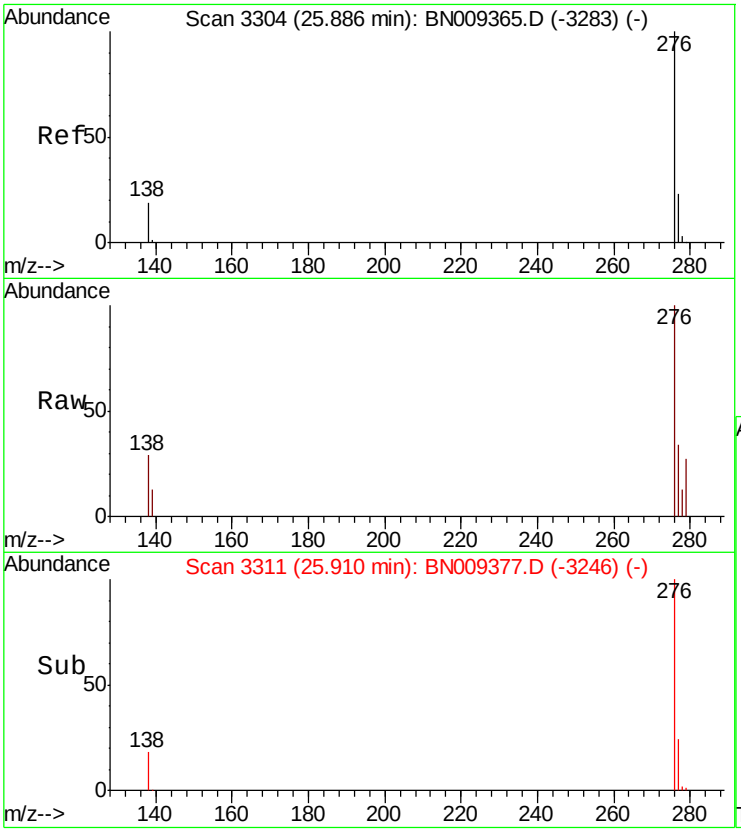


#38
Dibenzo(a,h)anthracene
Concen: 0.072 ng
RT: 25.31 min Scan# 3135
Delta R.T. 0.03 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Tgt Ion:278 Resp: 1401

Ion	Ratio	Lower	Upper
278	100		
139	30.5	14.5	21.7#
279	58.8	24.2	36.4#





#39
Benzo(g,h,i)perylene
Concen: 0.088 ng
RT: 25.91 min Scan# 3311
Delta R.T. 0.02 min
Lab File: BN009377.D
Acq: 15 Jan 2020 13:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1874

Ion	Ratio	Lower	Upper
276	100		
277	33.5	20.6	30.8#
138	28.8	17.1	25.7#