Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
Data File : BN009378.D
Acq On : 15 Jan 2020 14:24
Operator : JU
Sample : K3591-08
Misc : LOO-W-0.1NG
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 15 16:14:05 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	1384	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4681	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	3122	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	6938	0.40	ng		0.00
27) Chrysene-d12	21.07	240	5975	0.40	ng		0.00
34) Perylene-d12	23.19	264	6145	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1205	0.38	ng		0.00
5) Phenol-d6	6.69	99	1304	0.35	ng		0.00
8) Nitrobenzene-d5	8.66	82	1208	0.32	ng		0.03
11) 2-Methylnaphthalene-d10	11.85	152	2794	0.31	ng		0.01
14) 2,4,6-Tribromophenol	15.63	330	371	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.74	172	4028	0.34	ng		0.02
25) Fluoranthene-d10	18.90	212	7215	0.30	ng		0.00
29) Terphenyl-d14	19.51	244	5699	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	132	0.091	ng		92
3) n-Nitrosodimethylamine	3.51	42	77	0.035	ng	#	23
6) bis(2-Chloroethyl)ether	6.94	93	324	0.085	ng	#	78
9) Naphthalene	10.29	128	1100	0.087	ng	#	79
10) Hexachlorobutadiene	10.57	225	242	0.087	ng	#	93
12) 2-Methylnaphthalene	11.93	142	767	0.087	ng	#	94
16) Acenaphthylene	13.83	152	1036	0.077	ng		96
17) Acenaphthene	14.17	154	797	0.084	ng		97
18) Fluorene	15.18	166	1000	0.081	ng		99
20) 4-Bromophenyl-phenylether	16.08	248	309	0.074	ng		97
21) Hexachlorobenzene	16.18	284	356	0.080	ng	#	93
22) Pentachlorophenol	16.56	266	229	0.183	ng		96
23) Phenanthrene	16.91	178	1653	0.079	ng		98
24) Anthracene	17.02	178	1310	0.075	ng		95
26) Fluoranthene	18.93	202	2011	0.082	ng		99
28) Pyrene	19.30	202	2012	0.089	ng		99
30) Benzo(a)anthracene	21.06	228	1638	0.083	ng		94
31) Chrysene	21.11	228	1894	0.084	ng		96
32) Bis(2-ethylhexyl)phthalate	21.00	149	790	0.091	ng		99
33) Indeno(1,2,3-cd)pyrene	25.29	276	1900	0.081	ng		96
35) Benzo(b)fluoranthene	22.57	252	1818	0.080	ng	#	56
36) Benzo(k)fluoranthene	22.61	252	2204	0.088	ng	#	59
37) Benzo(a)pyrene	23.11	252	1715	0.086	ng	#	10
38) Dibenzo(a,h)anthracene	25.30	278	1581	0.079	ng	#	56
39) Benzo(g,h,i)perylene	25.90	276	1809	0.082	ng	#	83

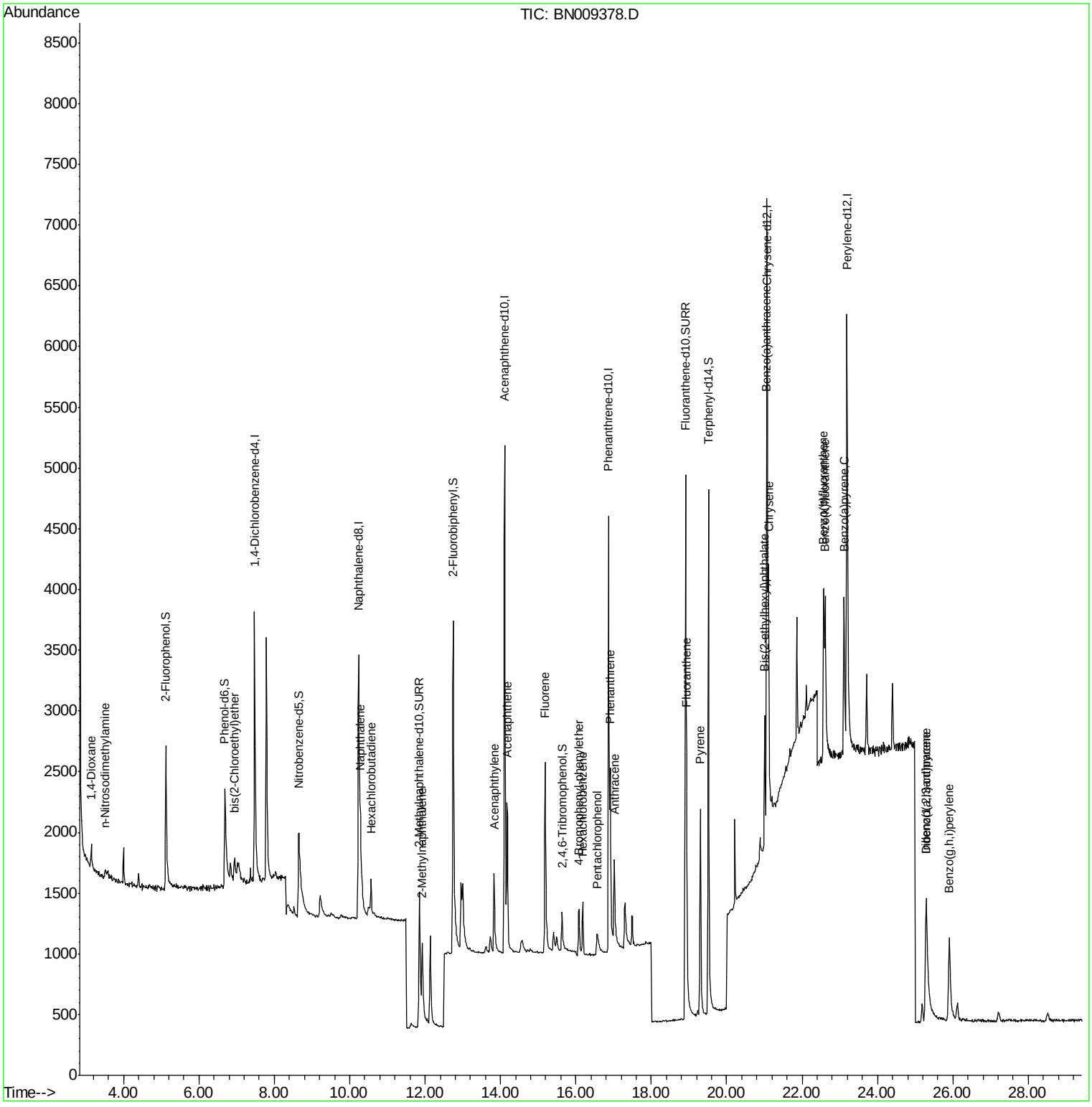
(#) = qualifier out of range (m) = manual integration (+) = signals summed

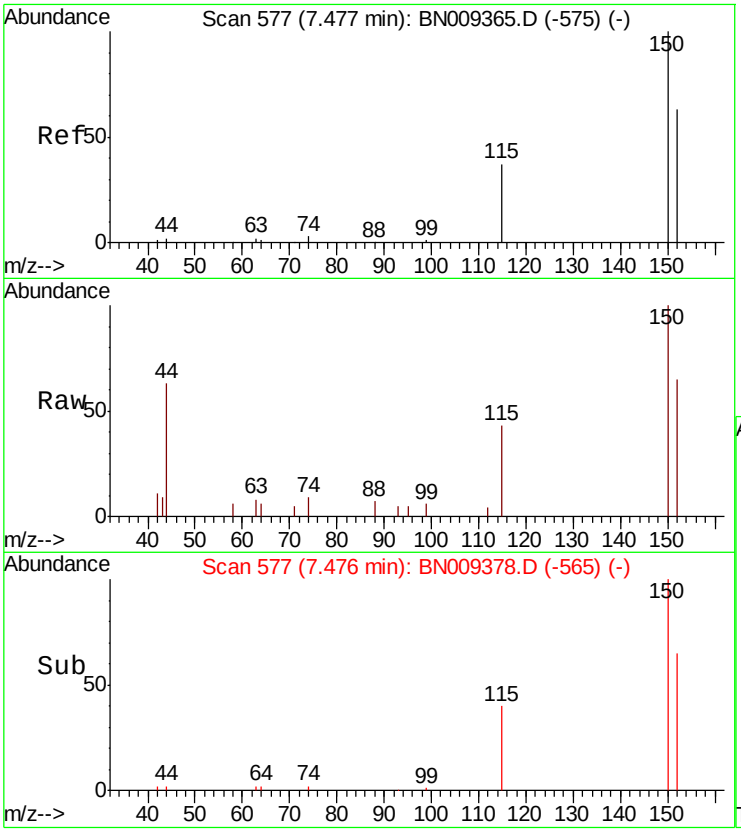
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
Data File : BN009378.D
Acq On : 15 Jan 2020 14:24
Operator : JU
Sample : K3591-08
Misc : LOO-W-0.1NG
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 15 16:14:05 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



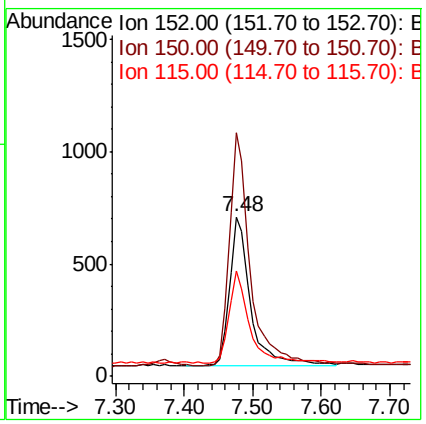


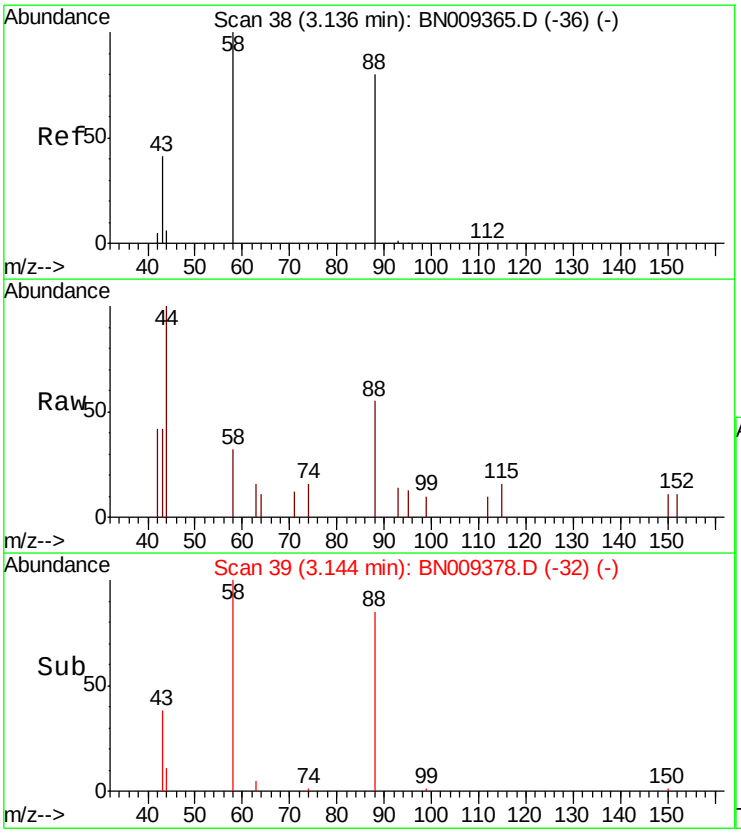
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1384

Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.7	188.5
115	66.1	53.3	79.9

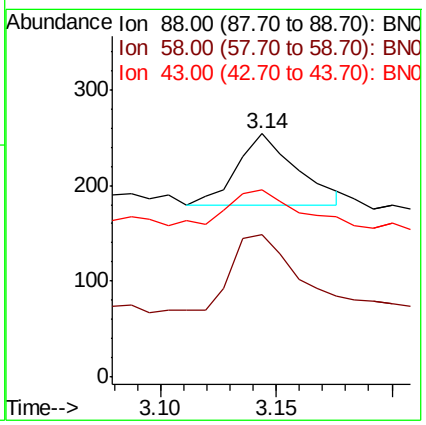


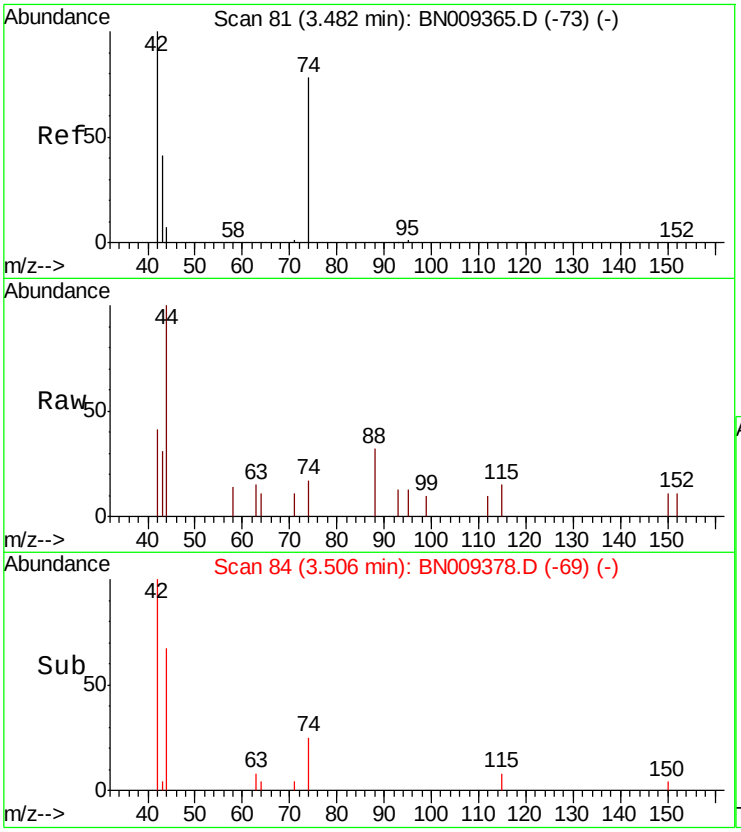


#2
1,4-Dioxane
Concen: 0.091 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion: 88 Resp: 132

Ion	Ratio	Lower	Upper
88	100		
58	112.9	100.2	150.2
43	56.1	43.1	64.7



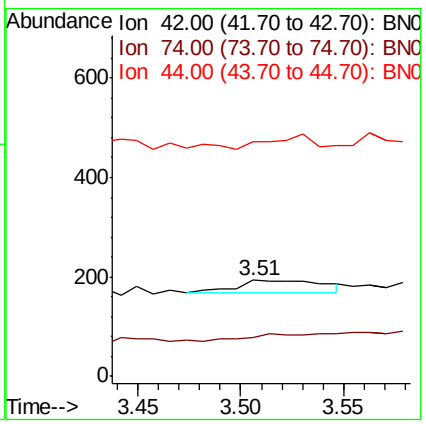


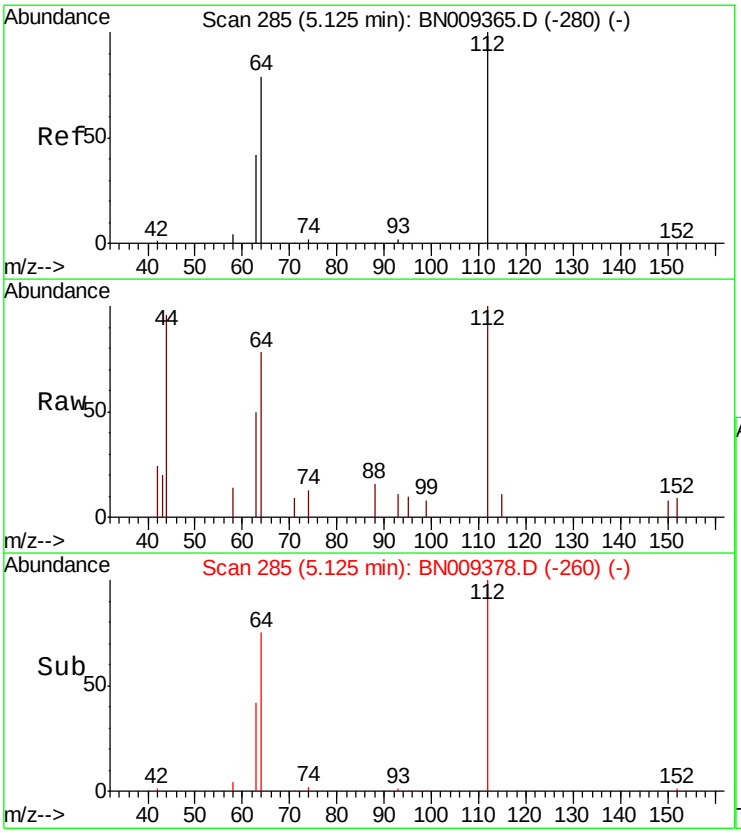
#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.51 min Scan# 84
Delta R.T. 0.02 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 77

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

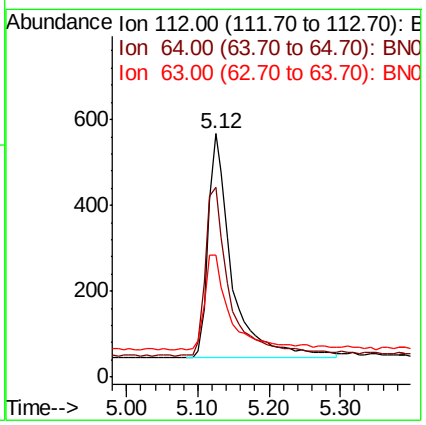


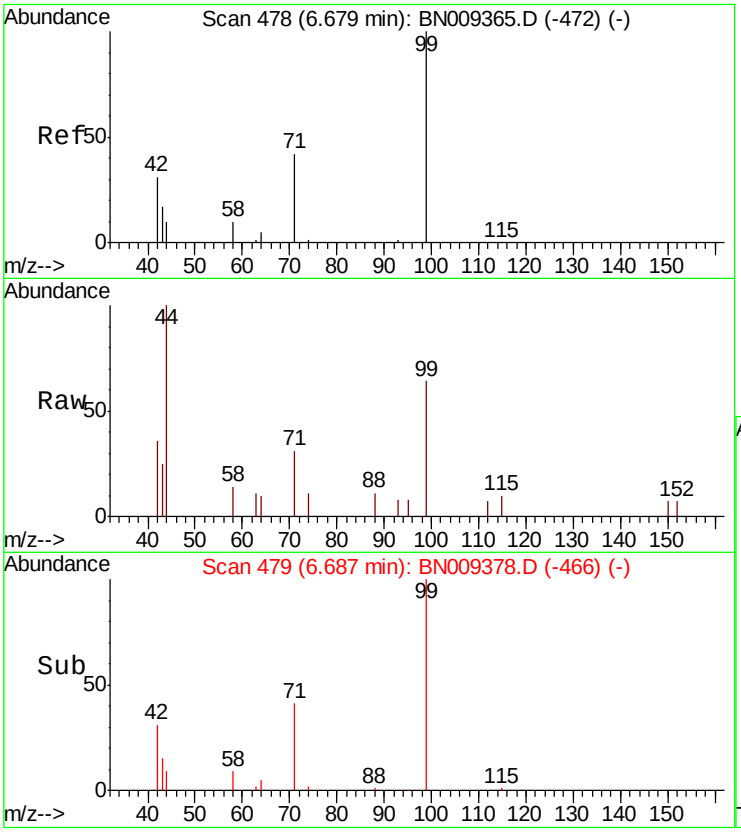


#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:112 Resp: 1205

Ion	Ratio	Lower	Upper
112	100		
64	78.1	61.5	92.3
63	44.9	35.0	52.4



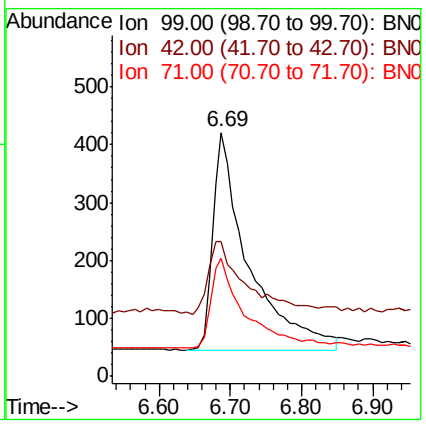


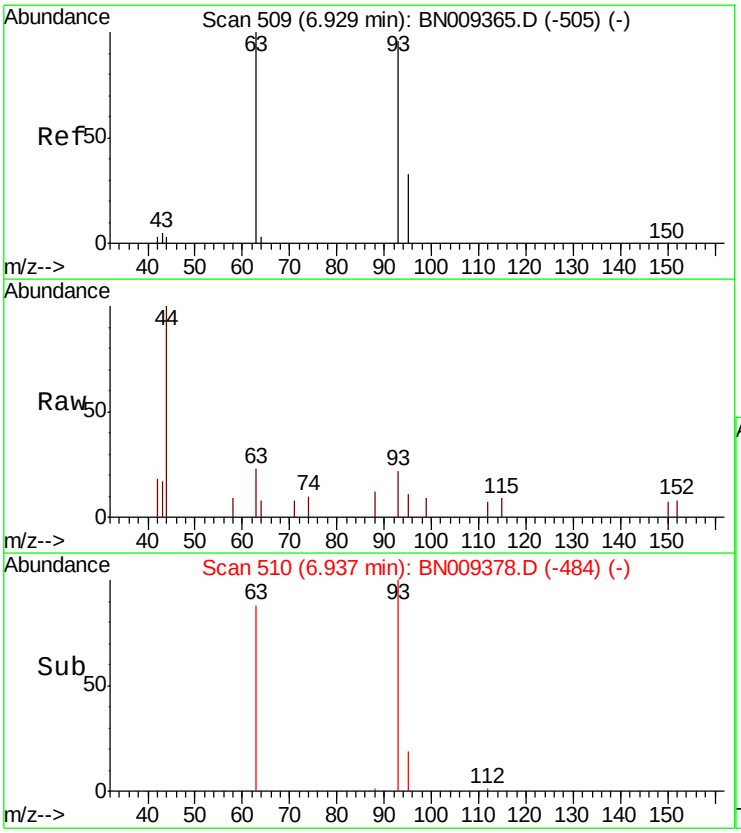
#5
Phenol-d6
Concen: 0.354 ng
RT: 6.69 min Scan# 479
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1304

Ion	Ratio	Lower	Upper
99	100		
42	36.5	27.6	41.4
71	39.2	33.0	49.6

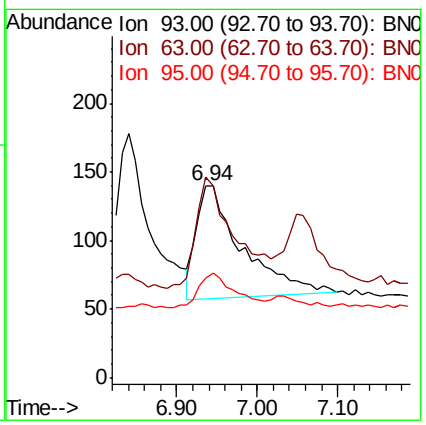


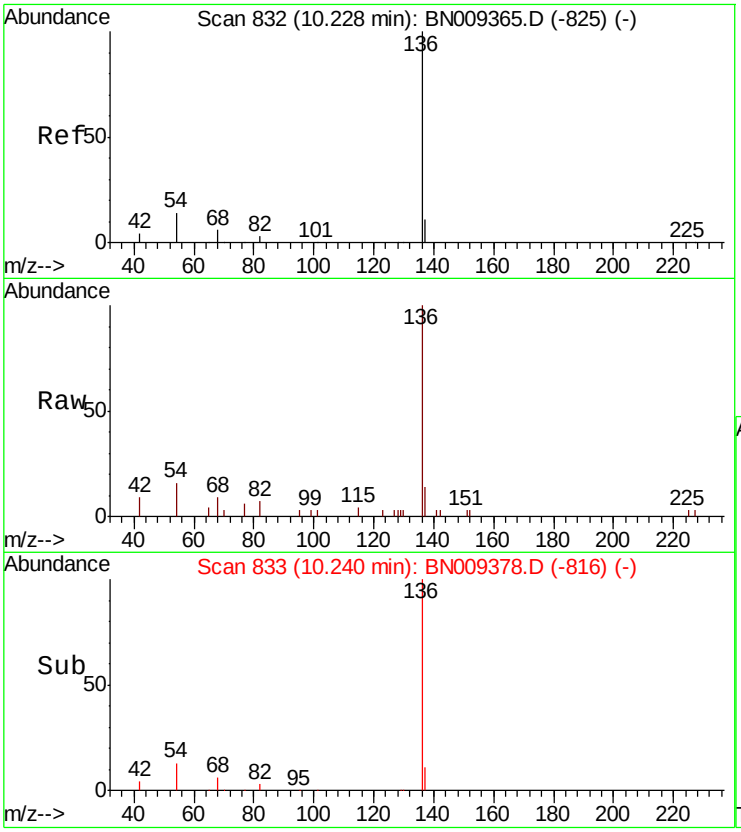


#6
bis(2-Chloroethyl)ether
Concen: 0.085 ng
RT: 6.94 min Scan# 510
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion: 93 Resp: 324

Ion	Ratio	Lower	Upper
93	100		
63	84.3	85.1	127.7#
95	23.8	30.2	45.4#



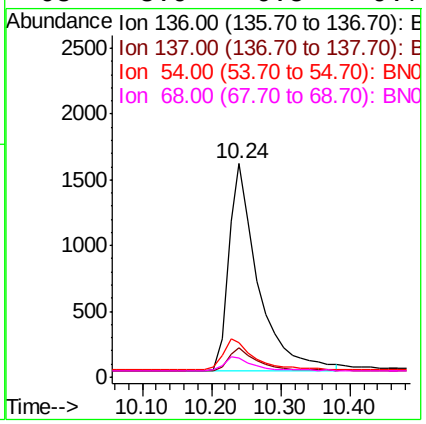


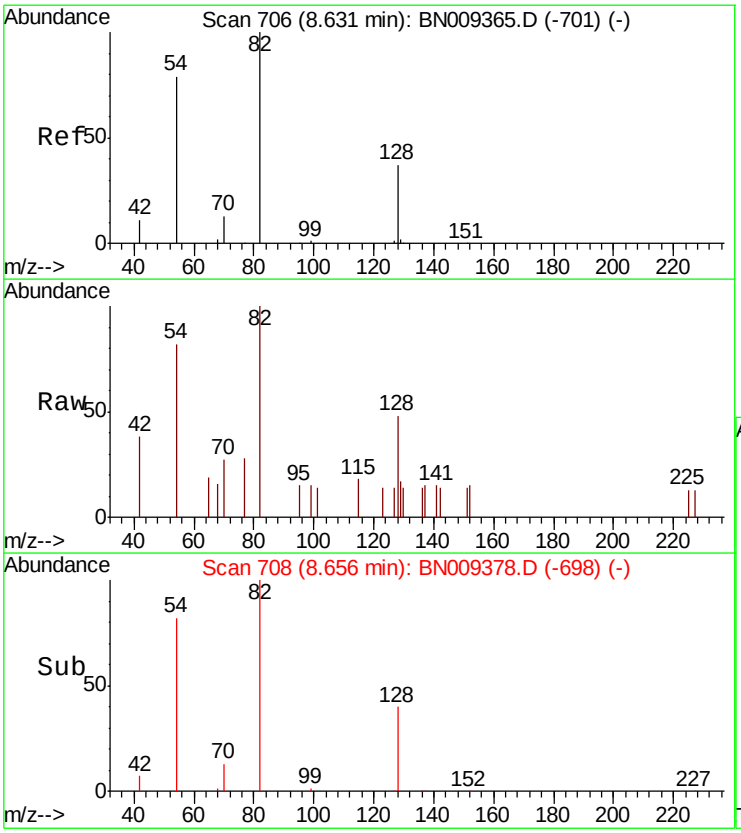
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4681

Ion	Ratio	Lower	Upper
136	100		
137	13.7	10.3	15.5
54	16.1	12.6	19.0
68	8.9	6.5	9.7

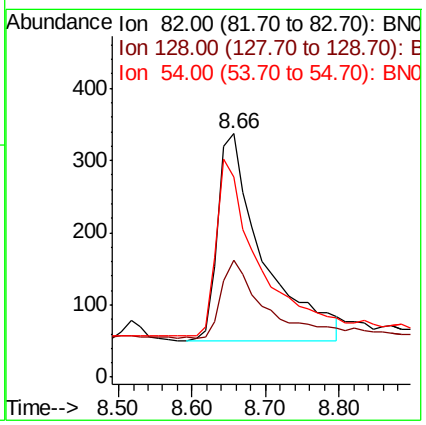


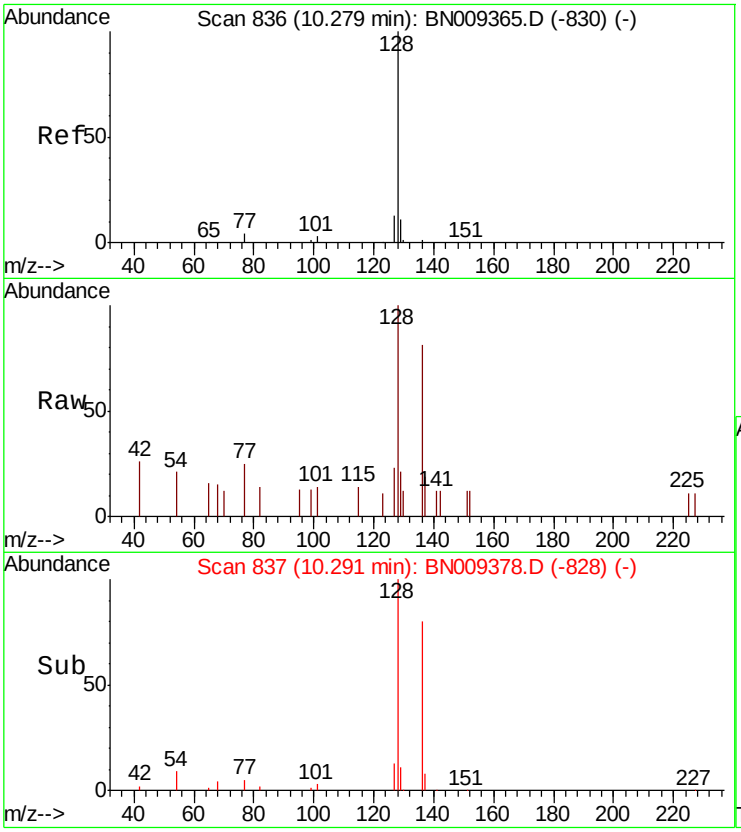


#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.03 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion: 82 Resp: 1208

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.8	52.2
54	82.2	65.8	98.6



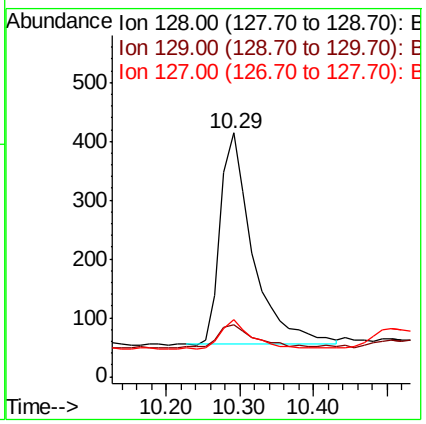


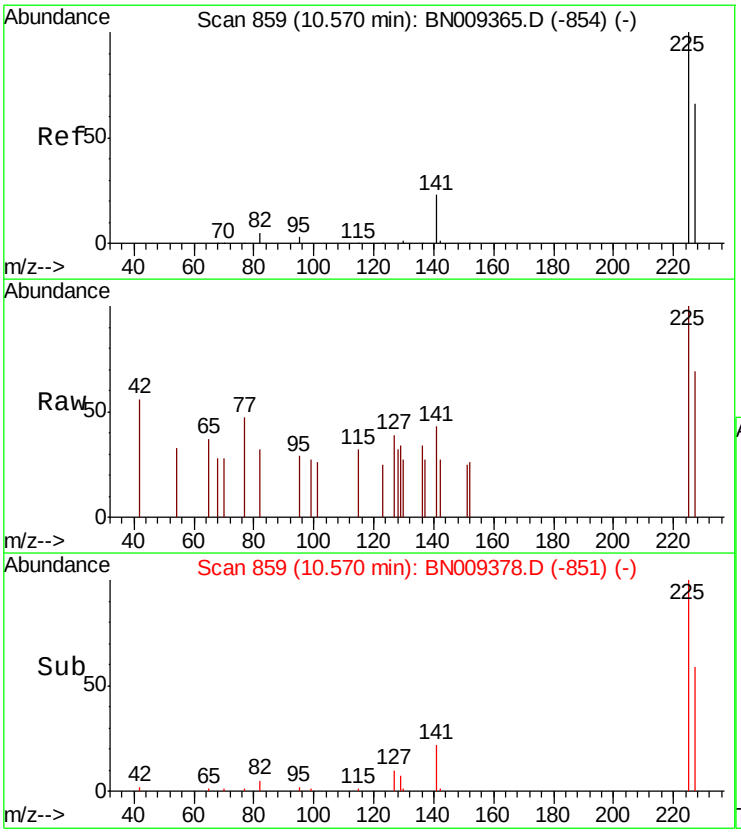
#9
Naphthalene
Concen: 0.087 ng
RT: 10.29 min Scan# 837
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 1100

Ion	Ratio	Lower	Upper
128	100		
129	21.3	10.4	15.6#
127	23.2	11.4	17.2#

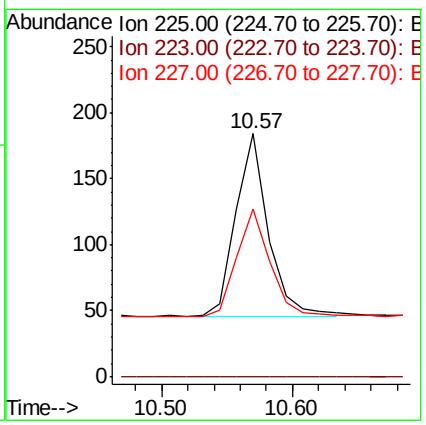


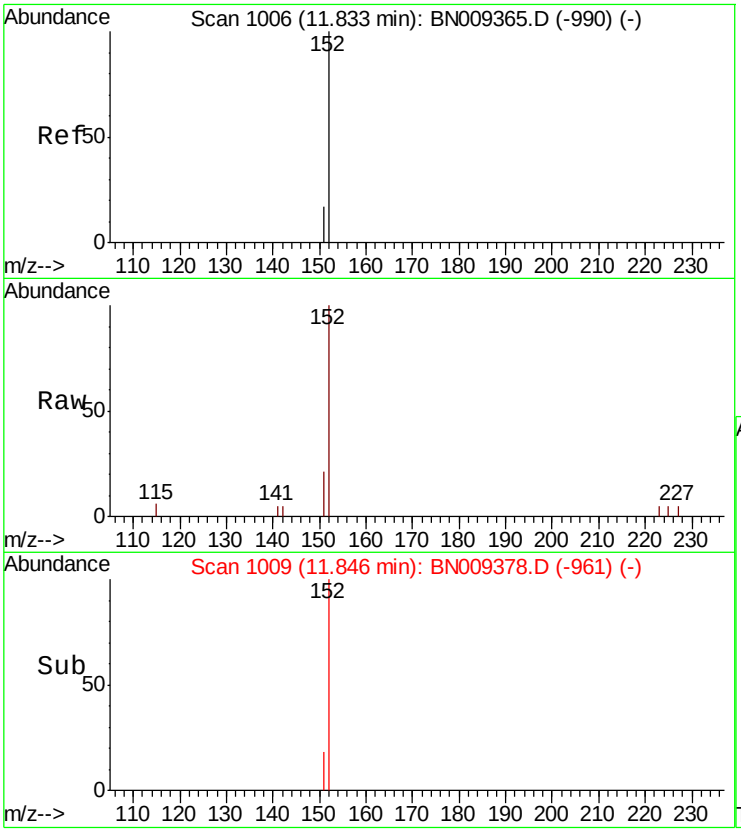


#10
Hexachlorobutadiene
Concen: 0.087 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:225 Resp: 242

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	59.9	52.6	78.8



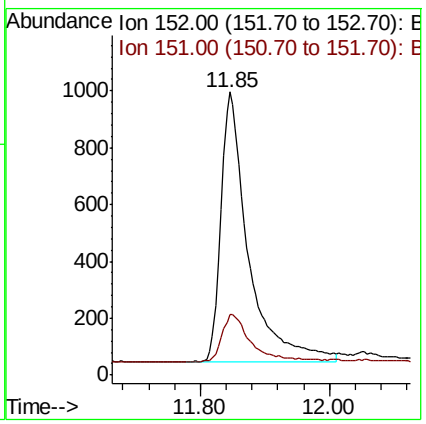


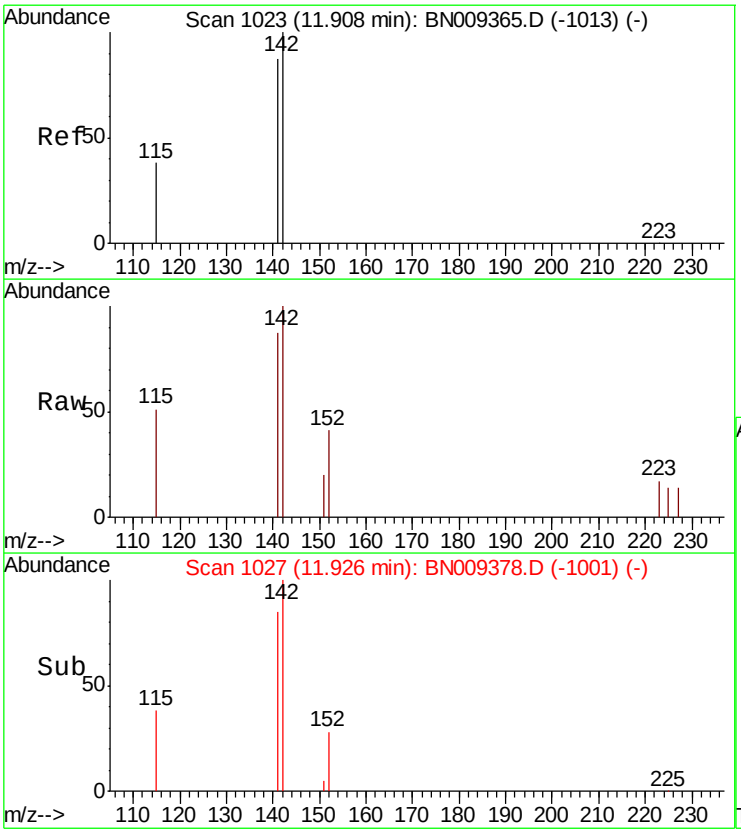
#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.85 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2794

Ion	Ratio	Lower	Upper
152	100		
151	18.5	14.8	22.2

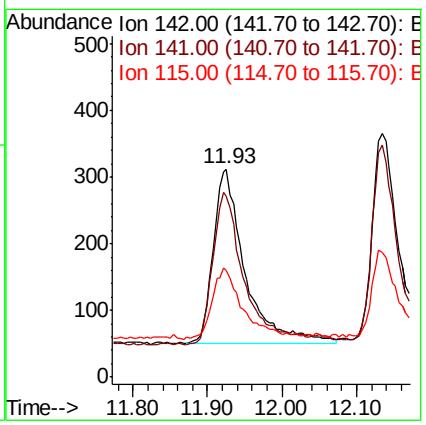


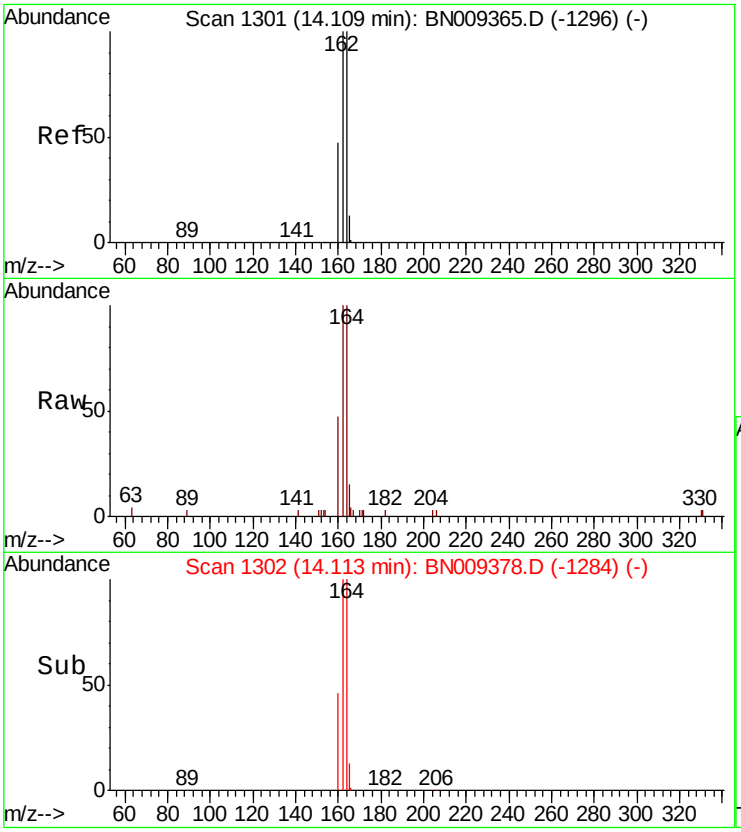


#12
2-Methylnaphthalene
Concen: 0.087 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.02 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:142 Resp: 767

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.8	104.6
115	51.3	32.5	48.7#



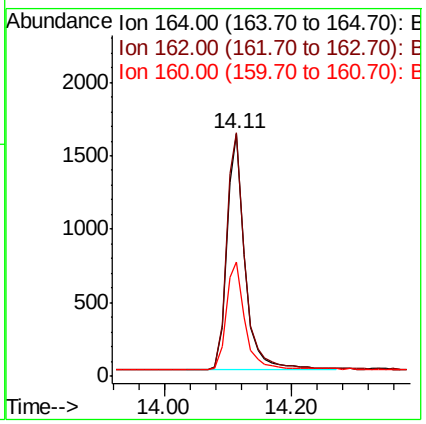


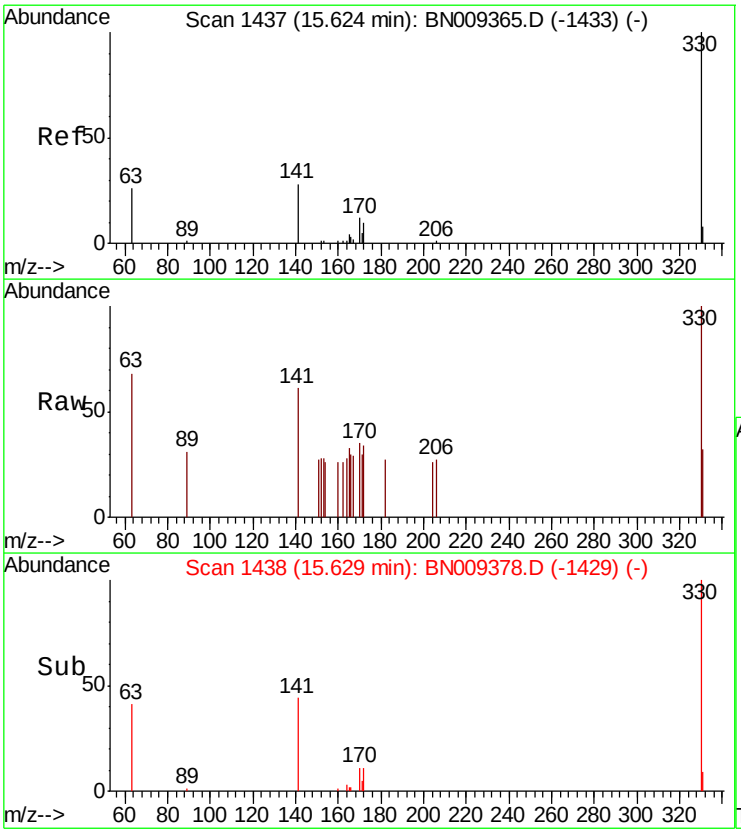
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3122

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.8	119.6
160	47.1	38.4	57.6

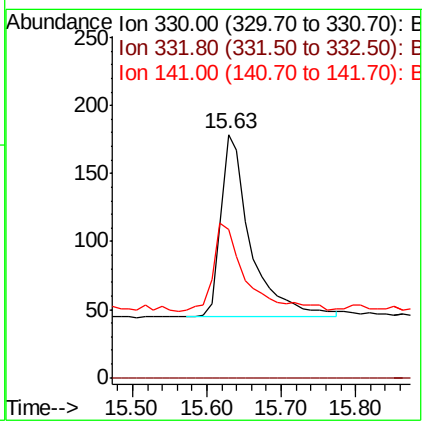


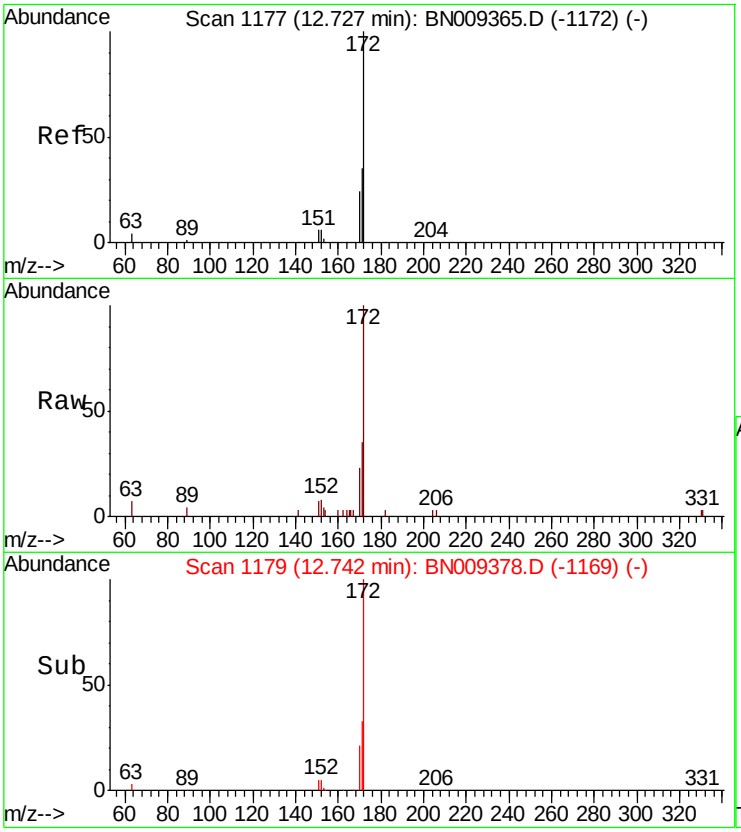


#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 15.63 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:330 Resp: 371

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.8	33.1	49.7#



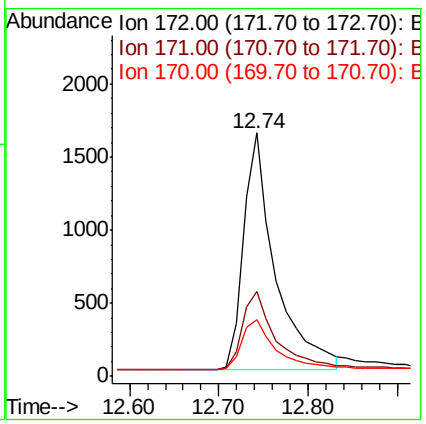


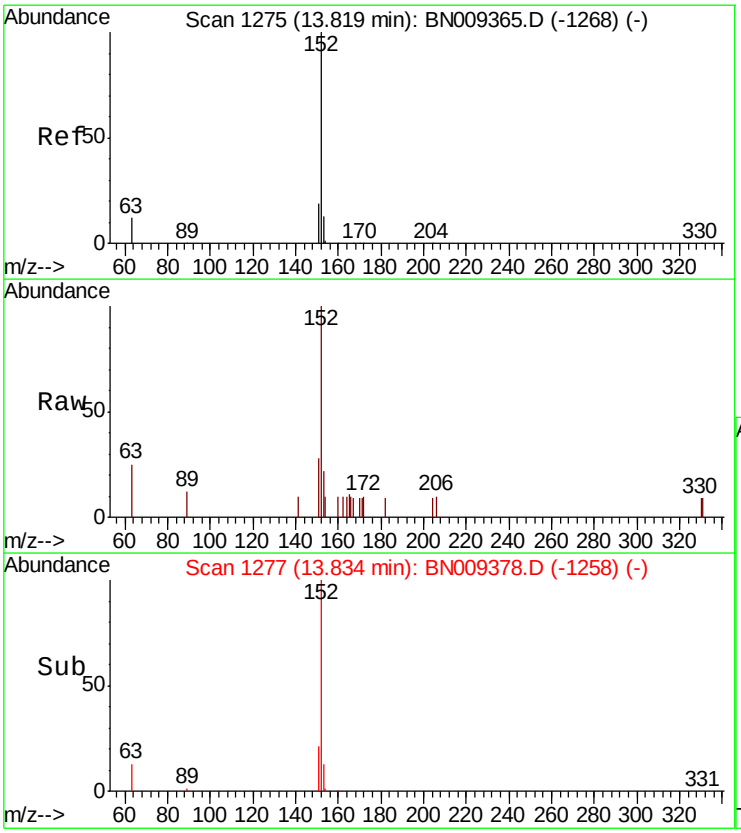
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.74 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4028

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.5	44.3
170	23.4	20.7	31.1

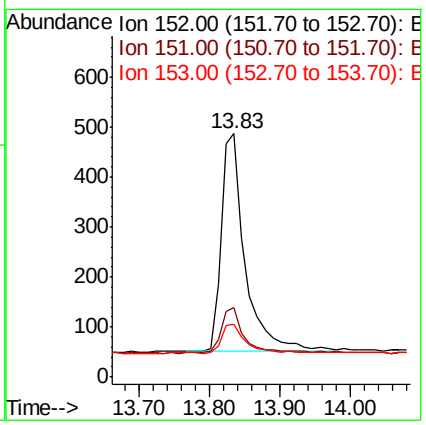


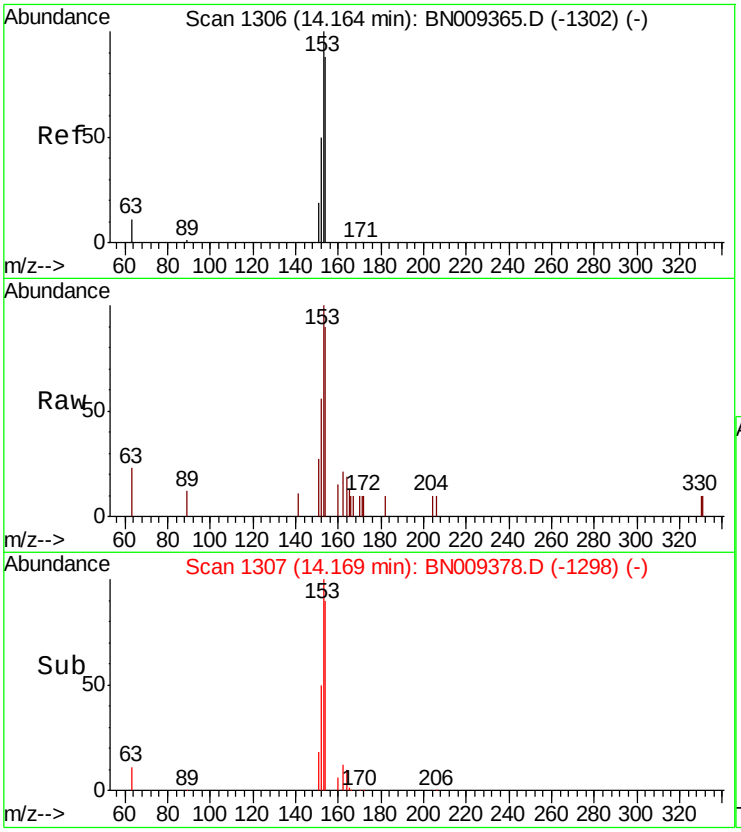


#16
Acenaphthylene
Concen: 0.077 ng
RT: 13.83 min Scan# 1277
Delta R.T. 0.02 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:152 Resp: 1036

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.4	23.2
153	14.1	10.4	15.6



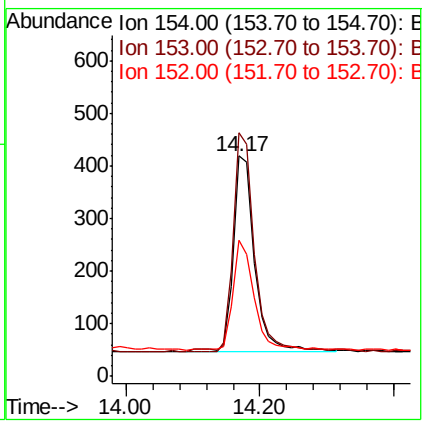


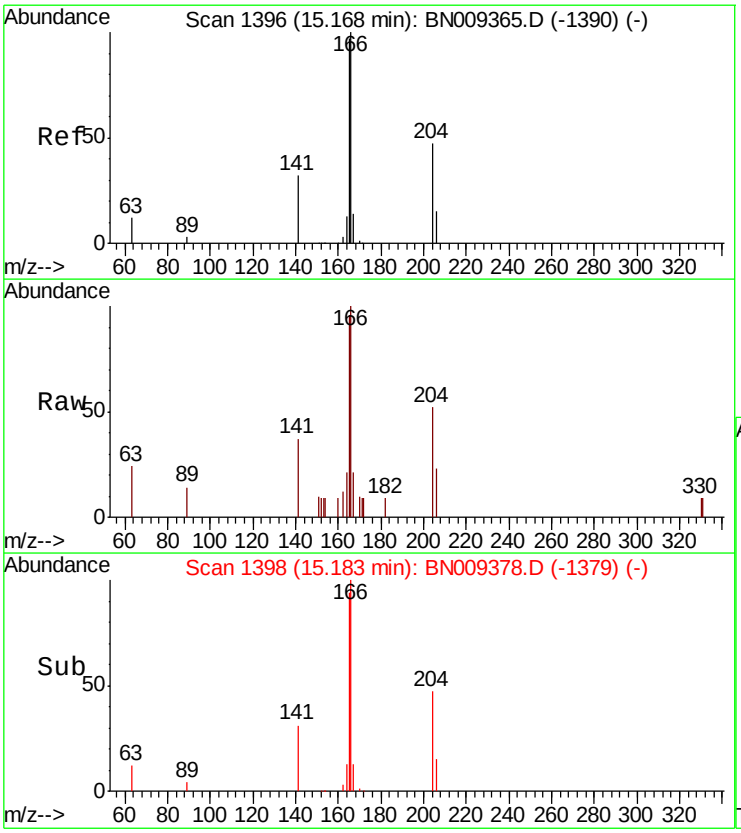
#17
Acenaphthene
Concen: 0.084 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 797

Ion	Ratio	Lower	Upper
154	100		
153	110.4	90.5	135.7
152	54.3	45.3	67.9

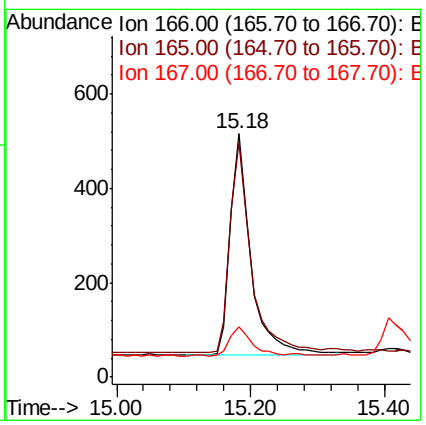


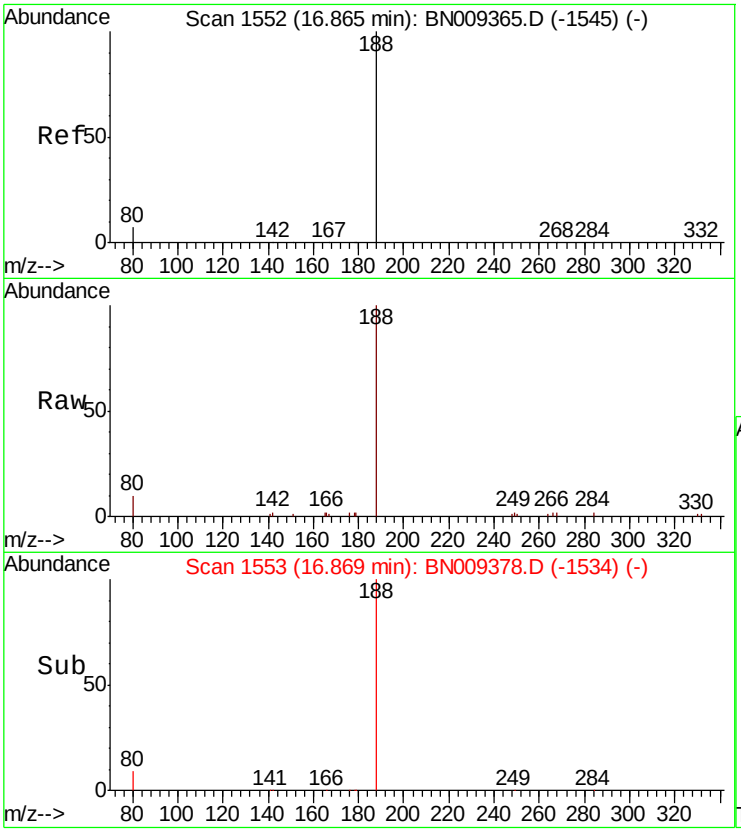


#18
Fluorene
Concen: 0.081 ng
RT: 15.18 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:166 Resp: 1000

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.2	117.2
167	14.4	11.0	16.6



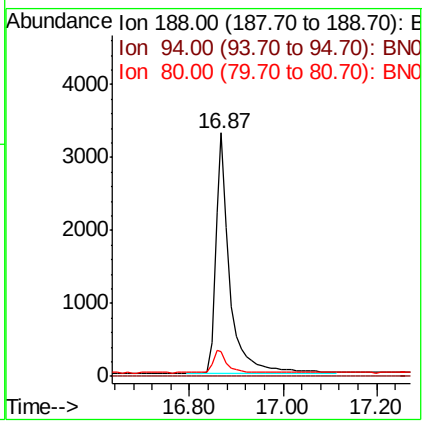


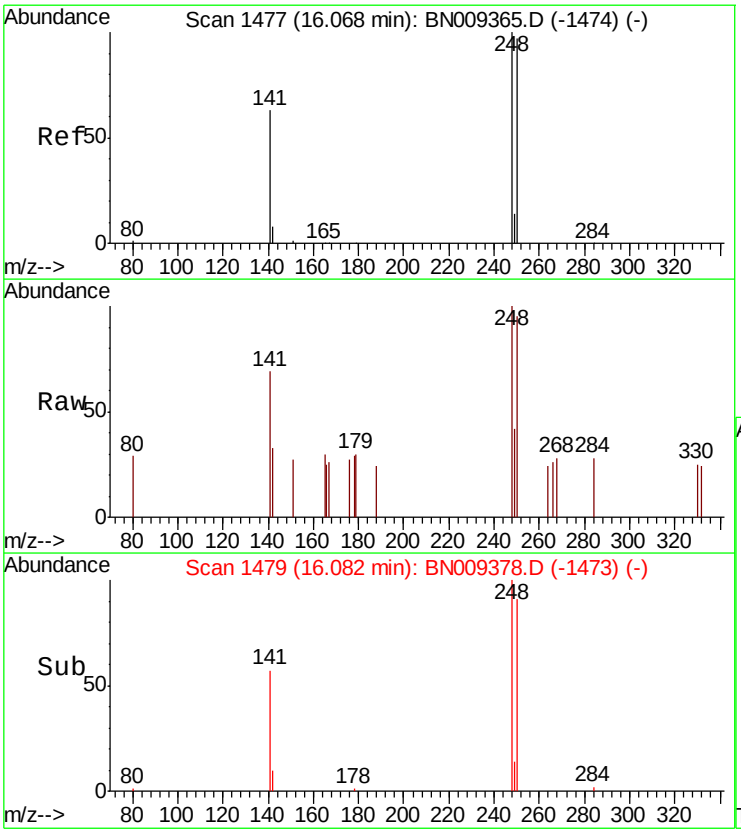
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.87 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6938

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	6.6	10.0#

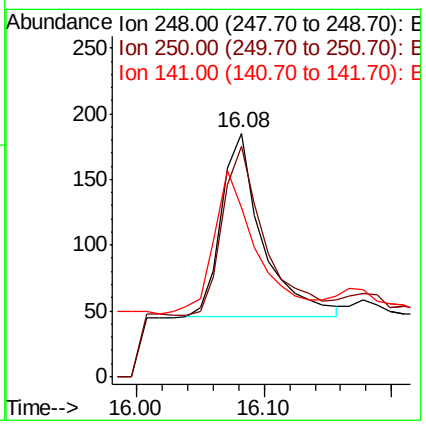


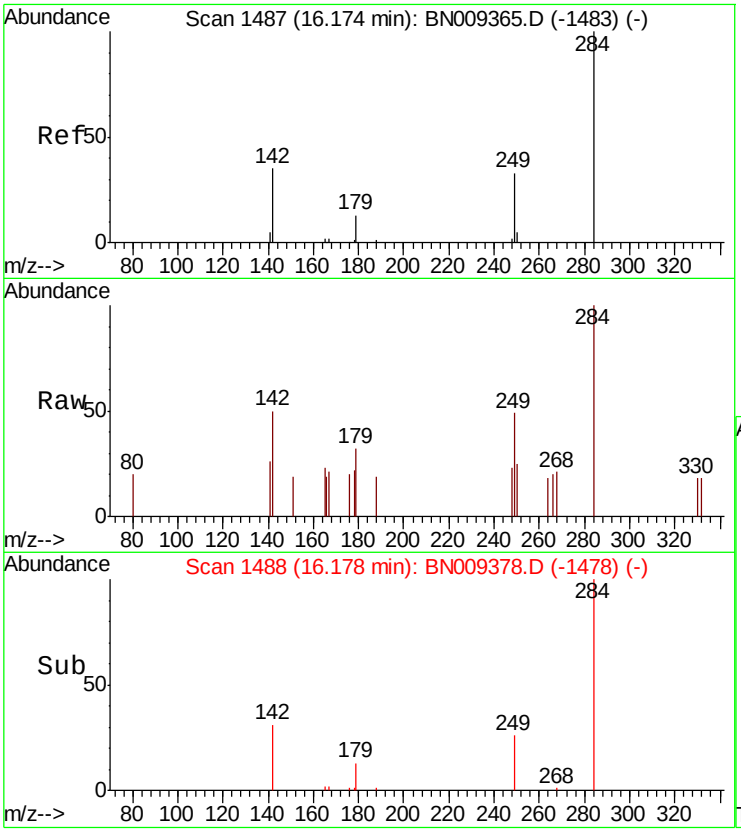


#20
4-Bromophenyl-phenylether
Concen: 0.074 ng
RT: 16.08 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:248 Resp: 309

Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.8	116.8
141	69.2	53.4	80.0



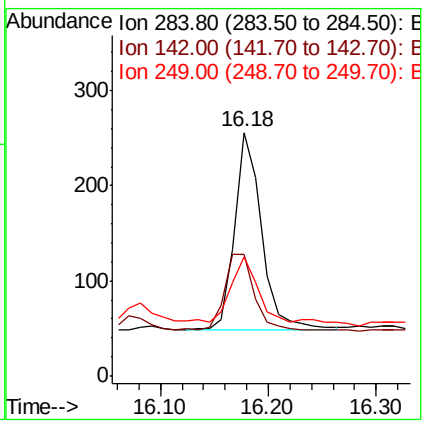


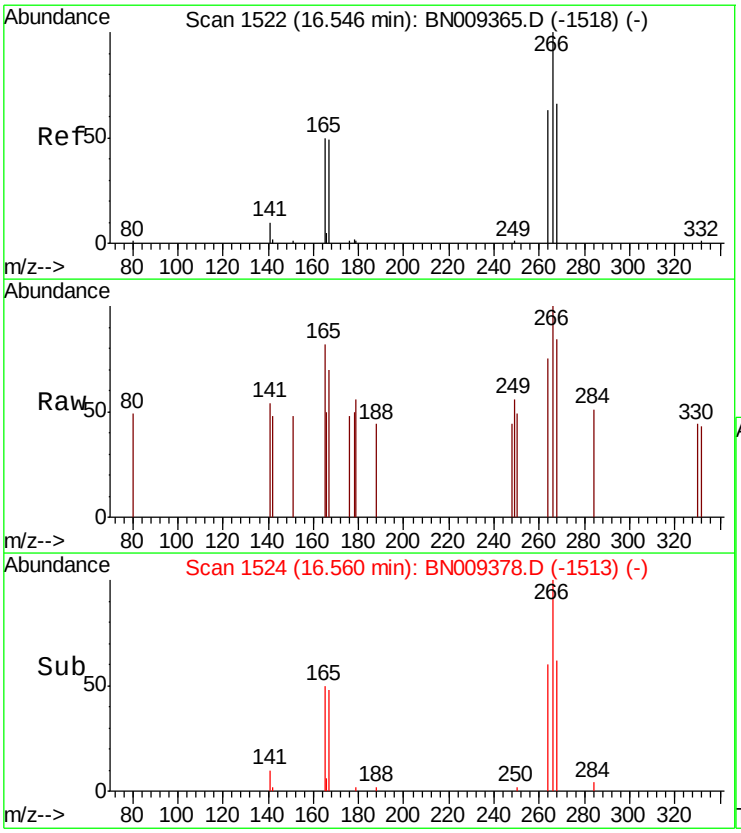
#21
Hexachlorobenzene
Concen: 0.080 ng
RT: 16.18 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 356

Ion	Ratio	Lower	Upper
284	100		
142	42.7	33.8	50.8
249	41.9	27.0	40.4#

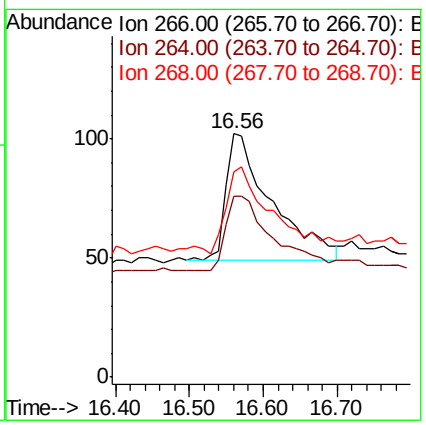


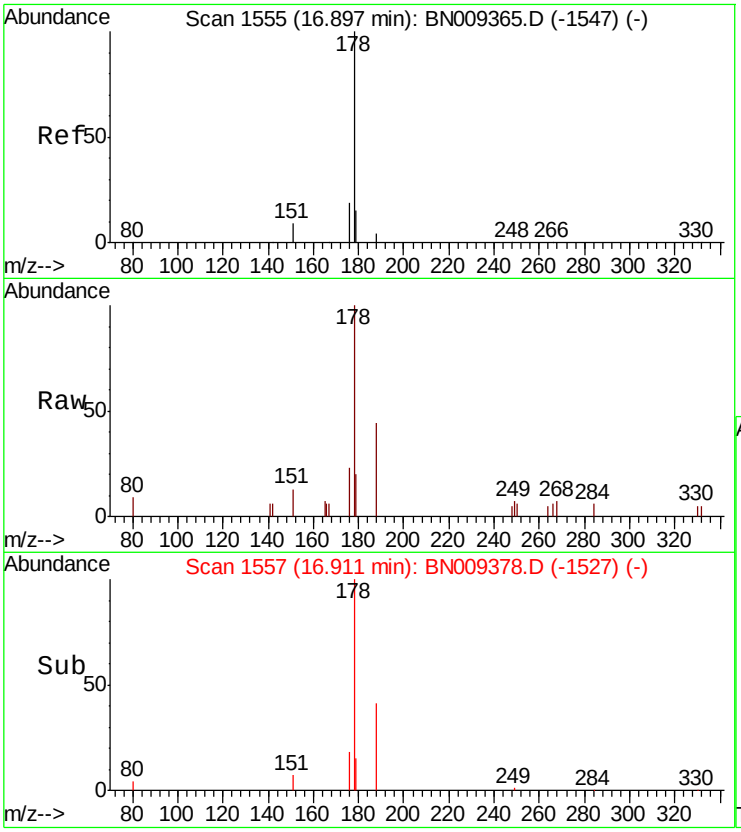


#22
Pentachlorophenol
Concen: 0.183 ng
RT: 16.56 min Scan# 1524
Delta R.T. 0.02 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:266 Resp: 229

Ion	Ratio	Lower	Upper
266	100		
264	74.5	57.8	86.6
268	84.3	63.8	95.6



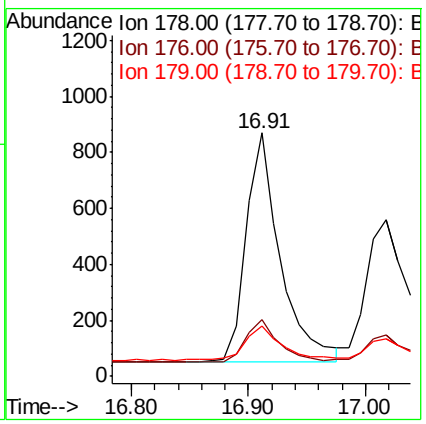


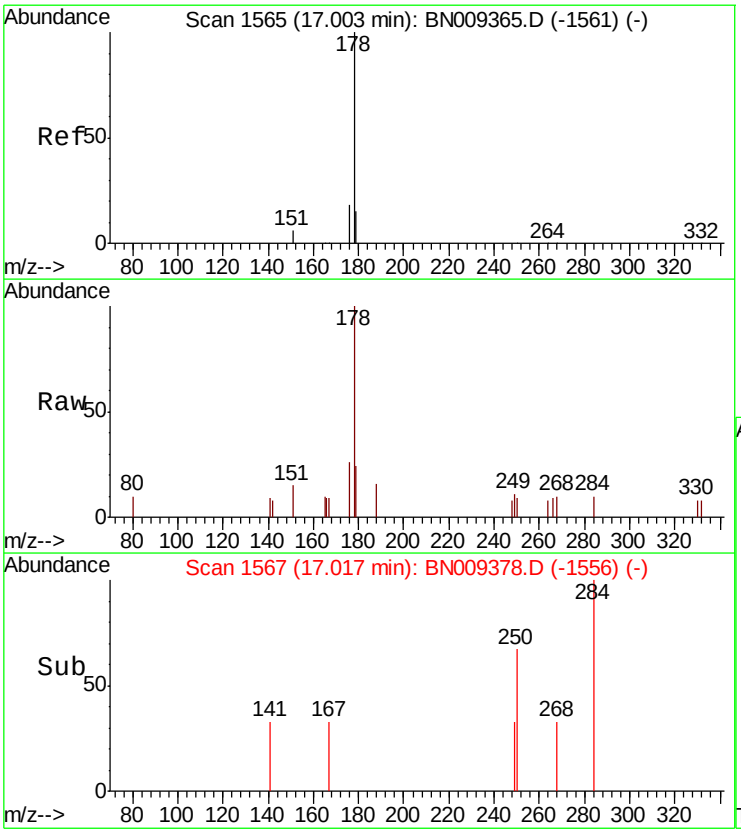
#23
Phenanthrene
Concen: 0.079 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1653

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.8	12.3	18.5

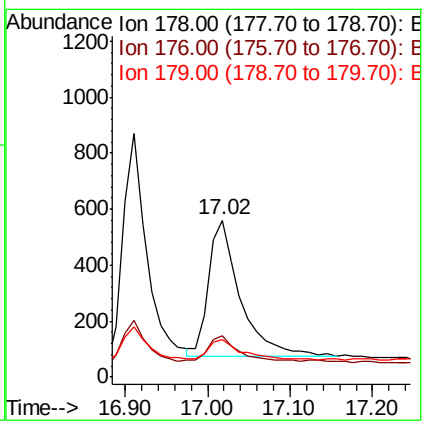


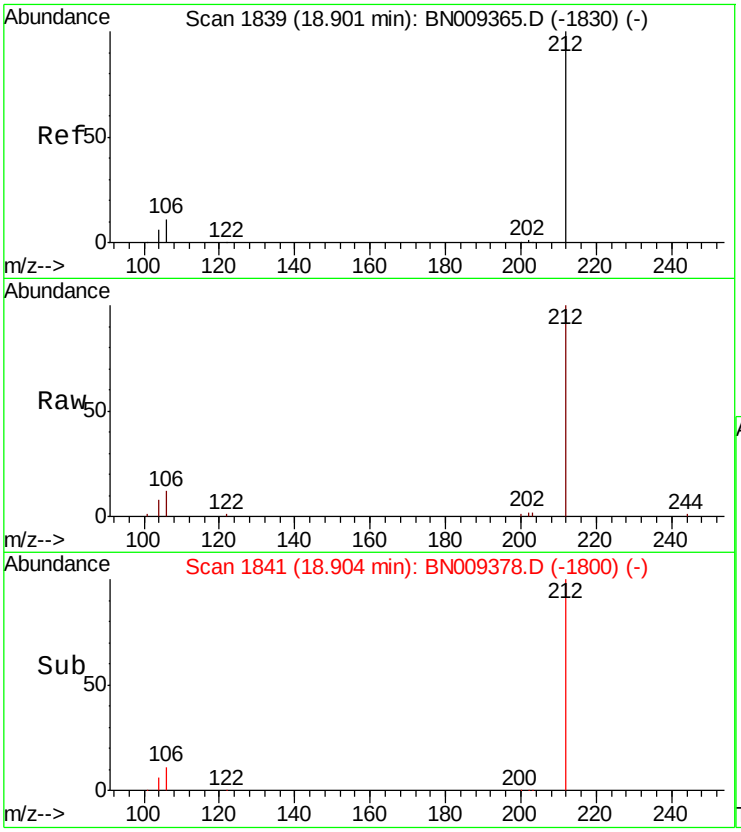


#24
Anthracene
Concen: 0.075 ng
RT: 17.02 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:178 Resp: 1310

Ion	Ratio	Lower	Upper
178	100		
176	16.5	14.6	21.8
179	13.1	12.5	18.7



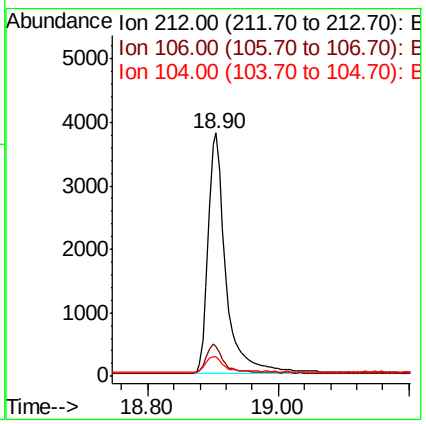


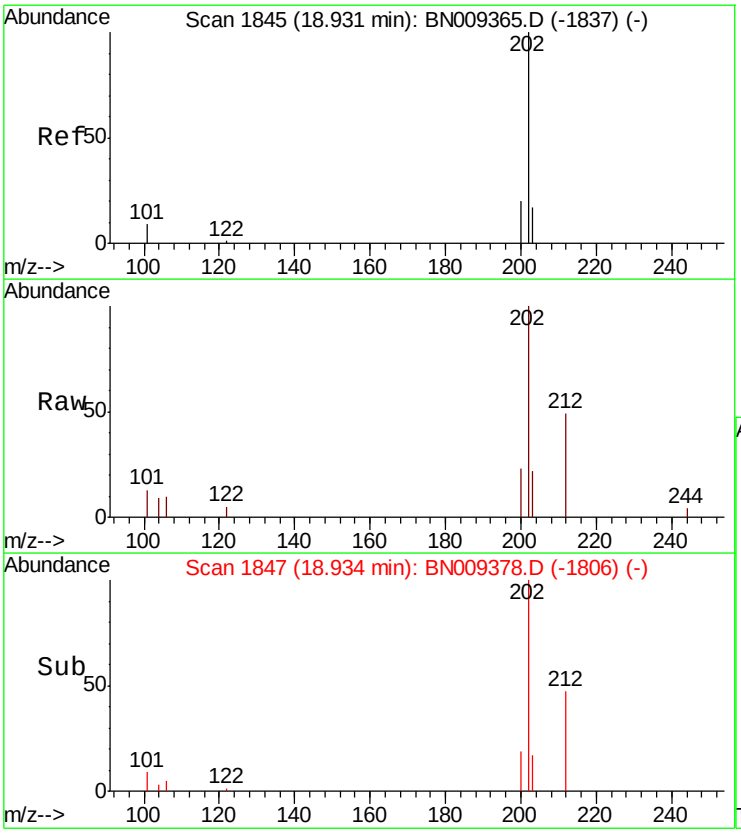
#25
Fluoranthene-d10
Concen: 0.303 ng
RT: 18.90 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7215

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.2	13.8
104	6.4	5.4	8.0

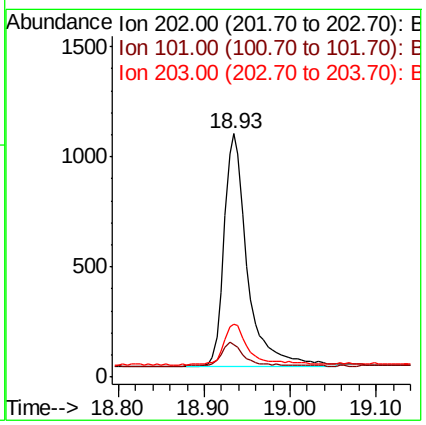


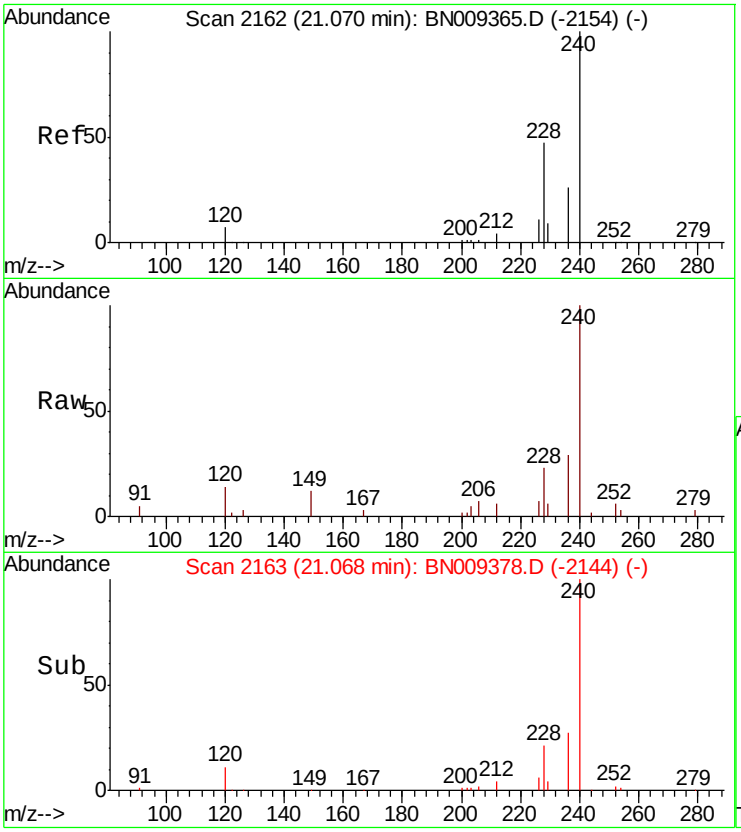


#26
Fluoranthene
Concen: 0.082 ng
RT: 18.93 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:202 Resp: 2011

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.0	12.0
203	17.1	13.5	20.3



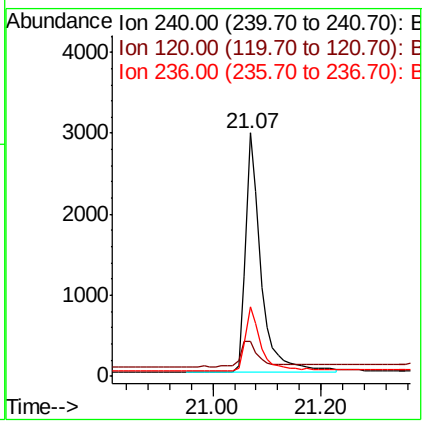


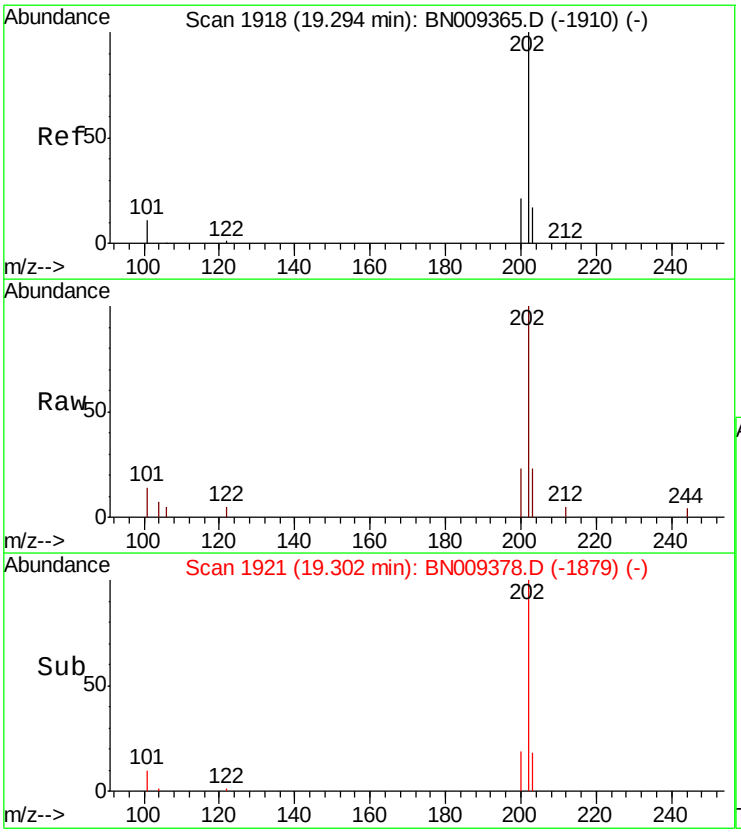
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5975

Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.1	12.1#
236	28.7	22.2	33.4

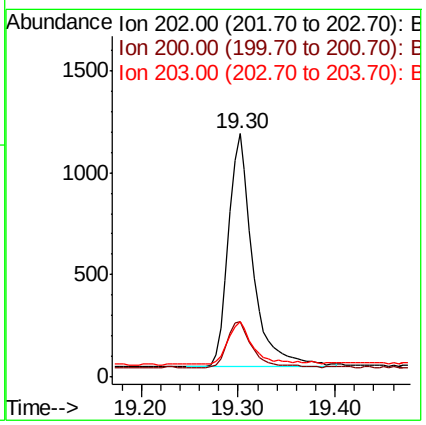


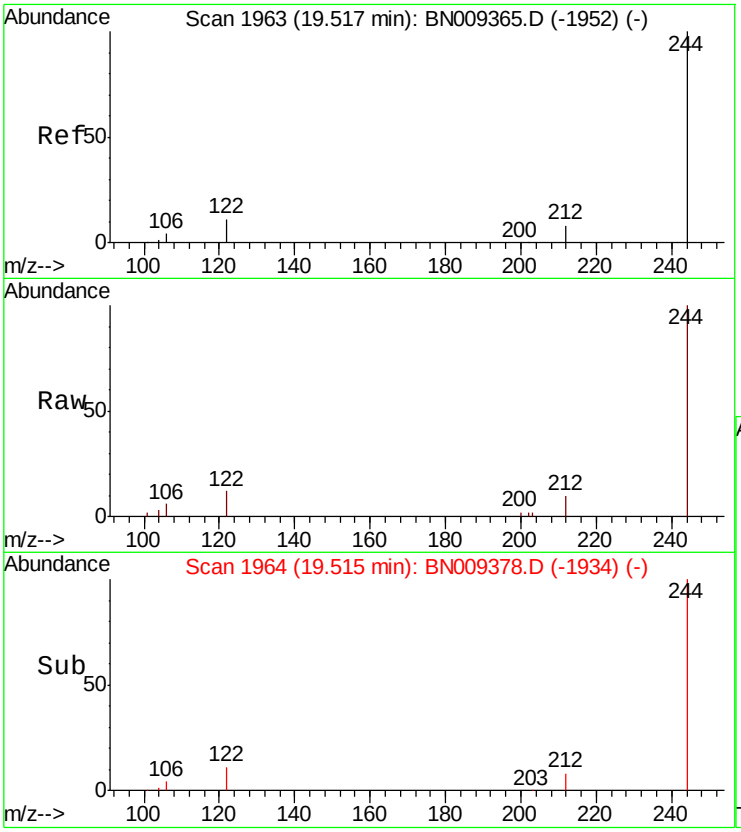


#28
Pyrene
Concen: 0.089 ng
RT: 19.30 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:202 Resp: 2012

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.2
203	18.3	14.1	21.1



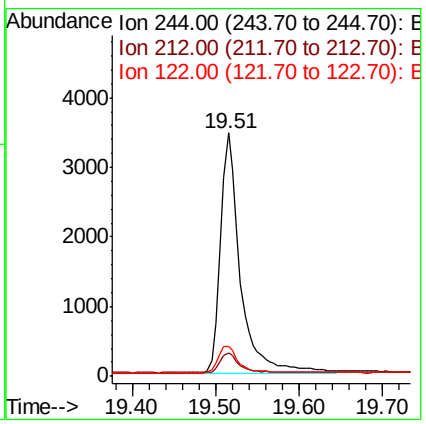


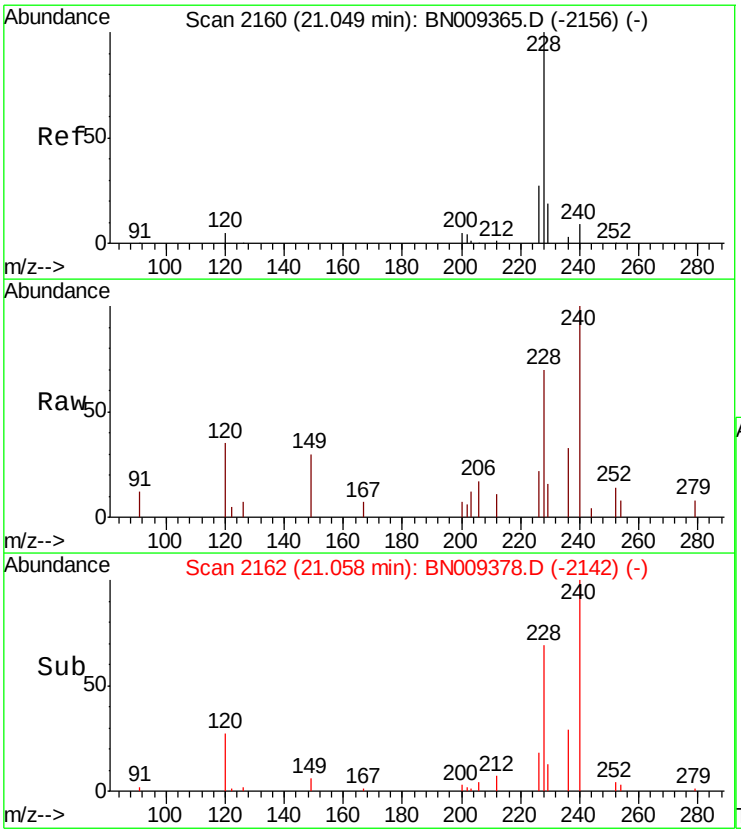
#29
Terphenyl-d14
Concen: 0.403 ng
RT: 19.51 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5699

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.5	11.3
122	12.4	9.8	14.6

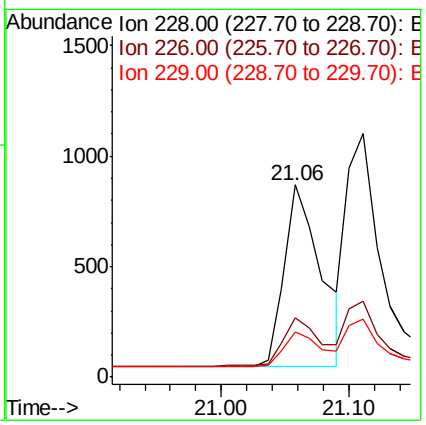


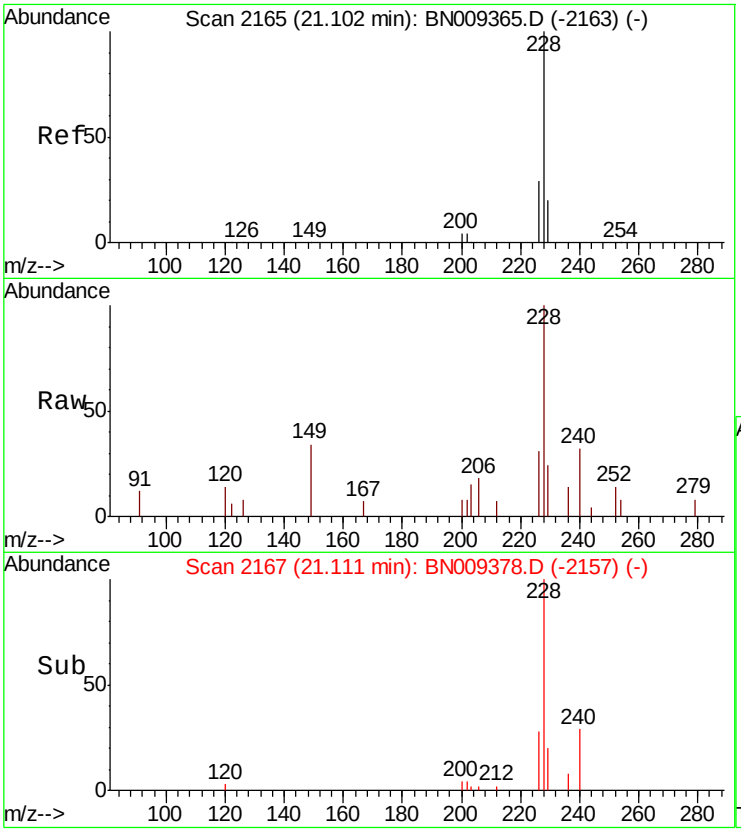


#30
Benzo(a)anthracene
Concen: 0.083 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:228 Resp: 1638

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.5	33.7
229	23.5	16.1	24.1



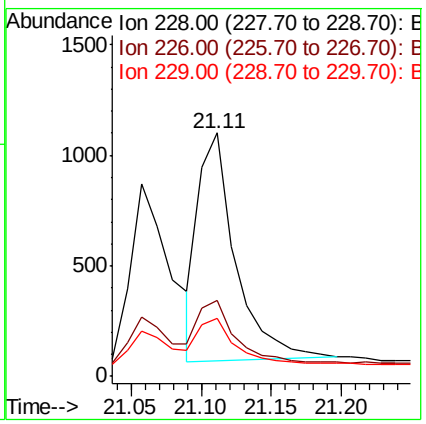


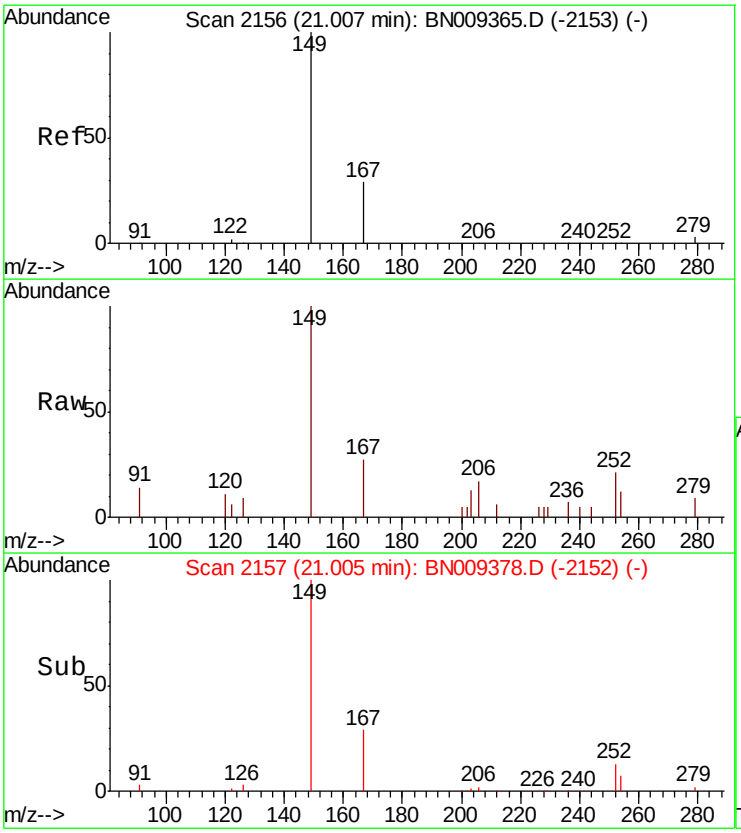
#31
Chrysene
Concen: 0.084 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1894

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.8	35.8
229	23.8	16.6	24.8

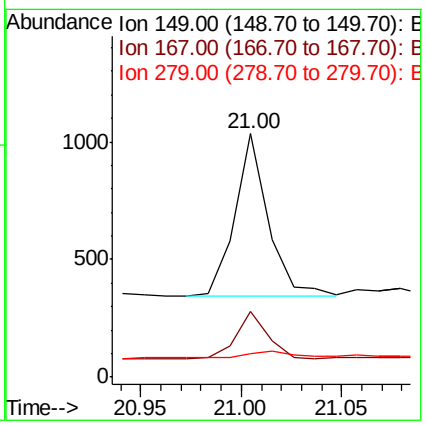


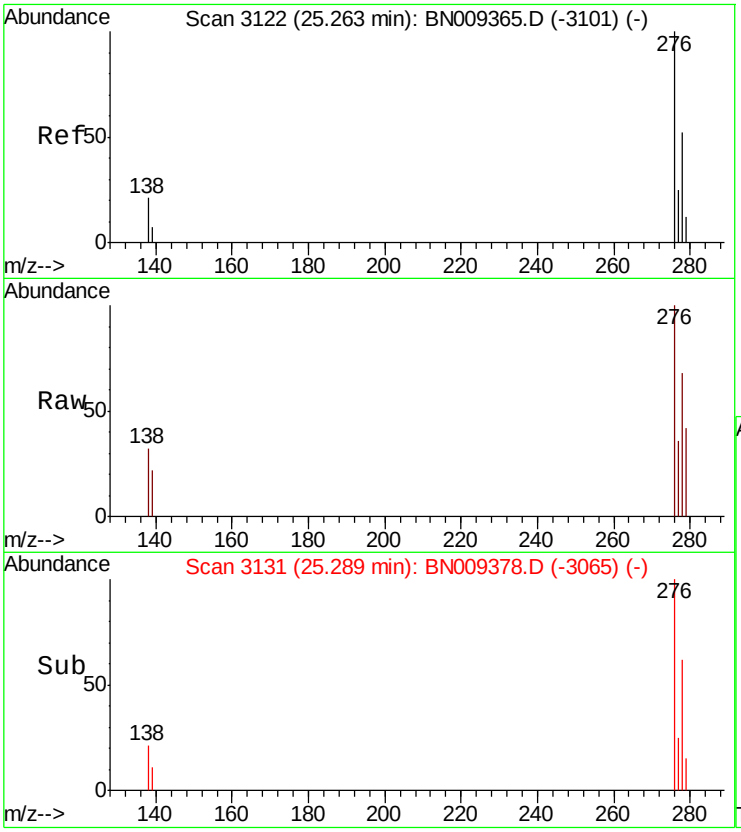


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:149 Resp: 790

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.9	34.3
279	4.3	3.4	5.0



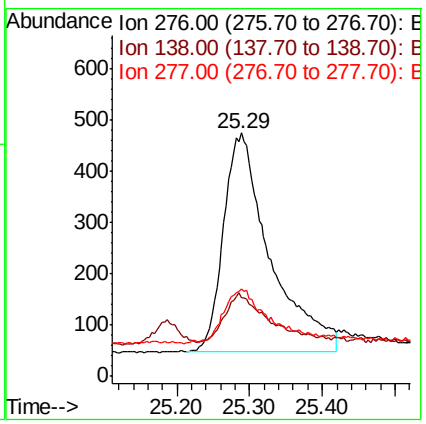


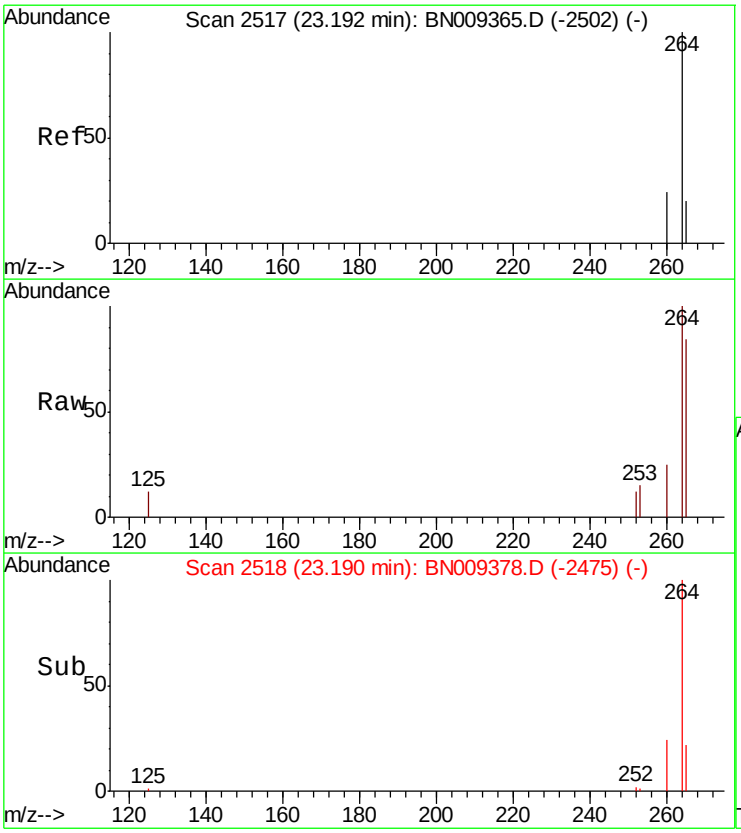
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng
RT: 25.29 min Scan# 3131
Delta R.T. 0.03 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1900

Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.9	23.9
277	22.2	19.8	29.6

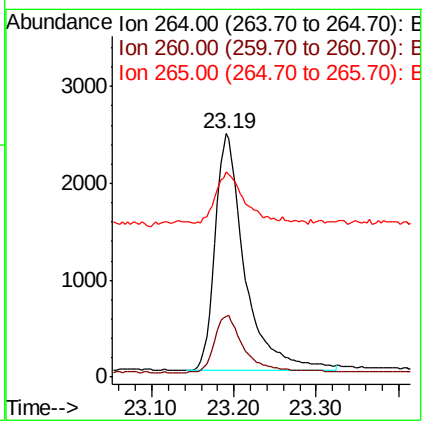


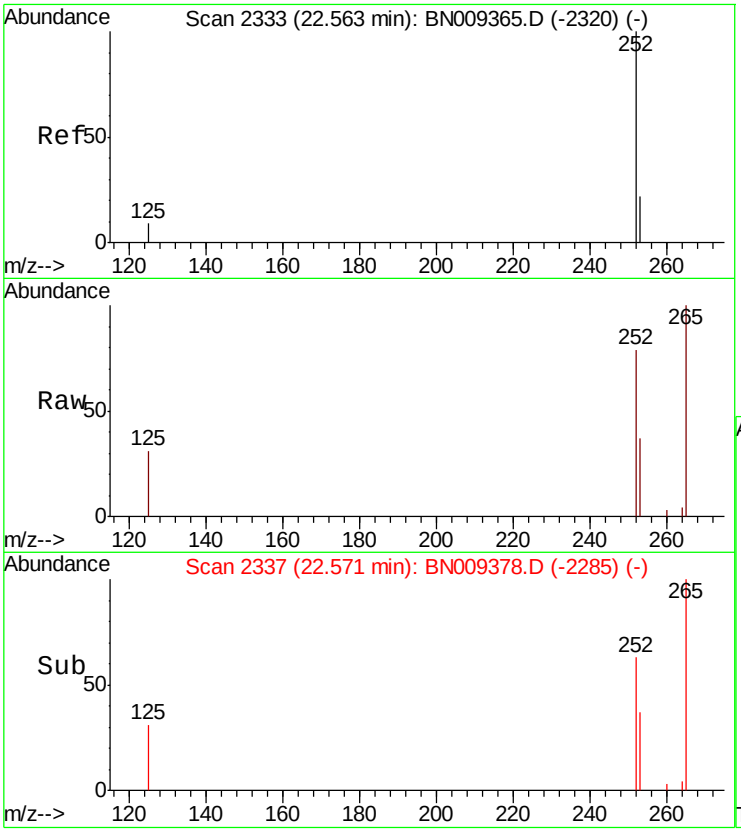


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:264 Resp: 6145

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	84.1	68.2	102.4



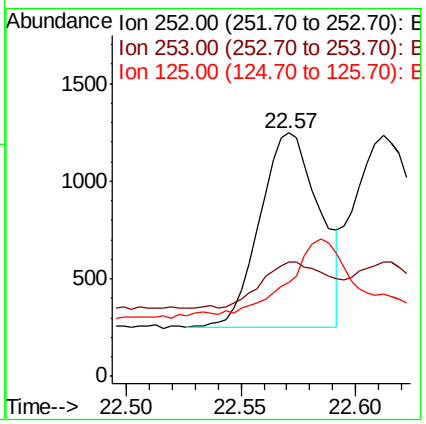


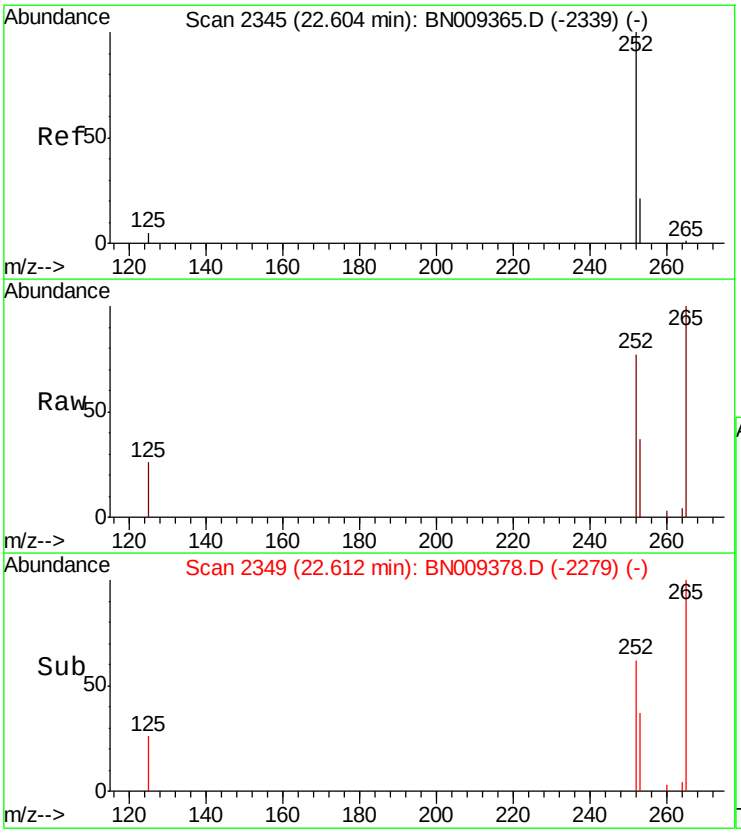
#35
Benzo(b)fluoranthene
Concen: 0.080 ng
RT: 22.57 min Scan# 2337
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1818

Ion	Ratio	Lower	Upper
252	100		
253	47.0	22.4	33.6#
125	38.8	11.6	17.4#

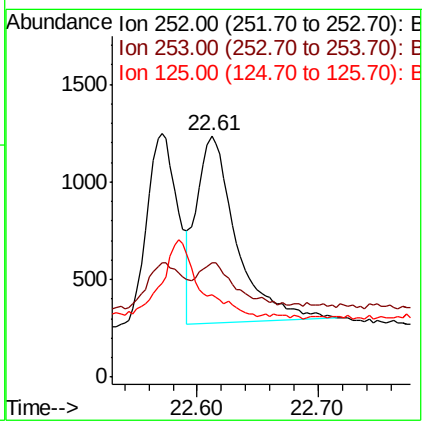


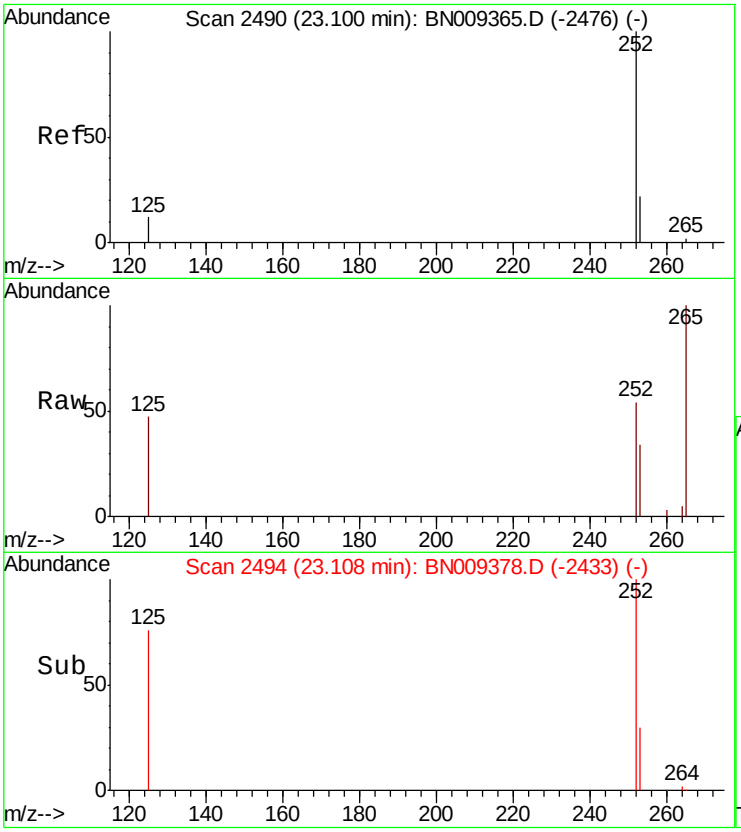


#36
Benzo(k)fluoranthene
Concen: 0.088 ng
RT: 22.61 min Scan# 2349
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:252 Resp: 2204

Ion	Ratio	Lower	Upper
252	100		
253	47.3	21.9	32.9#
125	33.9	12.0	18.0#



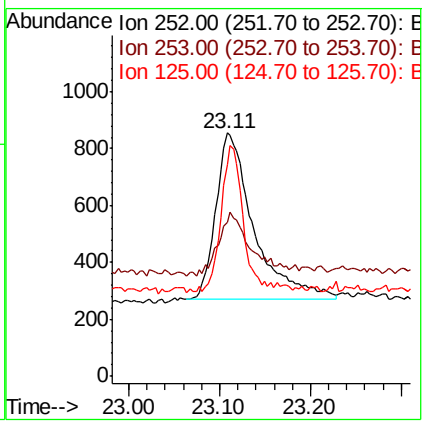


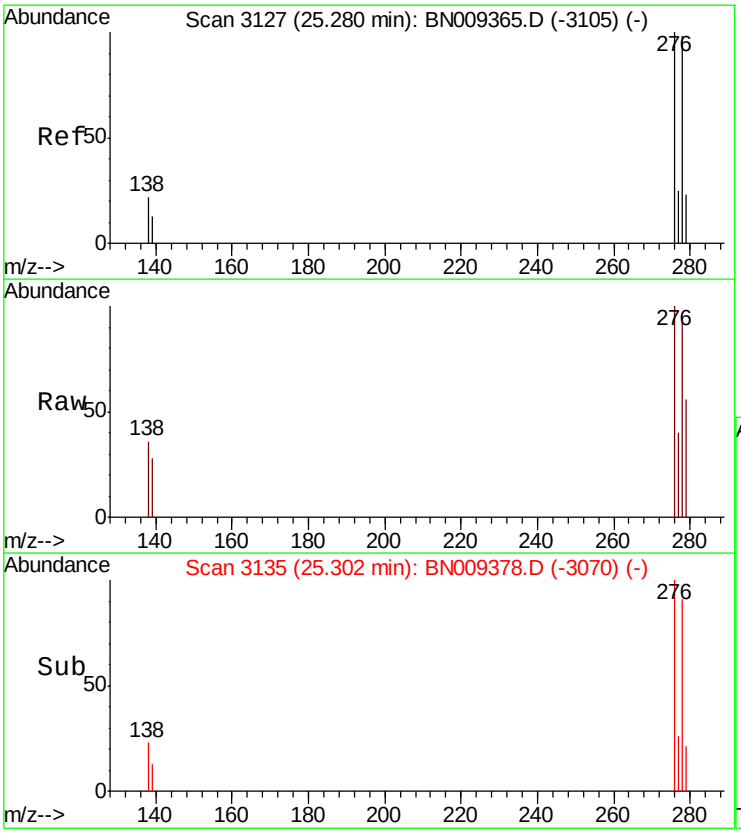
#37
Benzo(a)pyrene
Concen: 0.086 ng
RT: 23.11 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1715

Ion	Ratio	Lower	Upper
252	100		
253	63.0	25.4	38.0#
125	86.7	16.2	24.2#

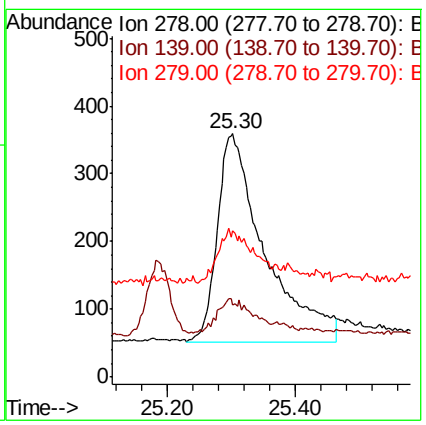


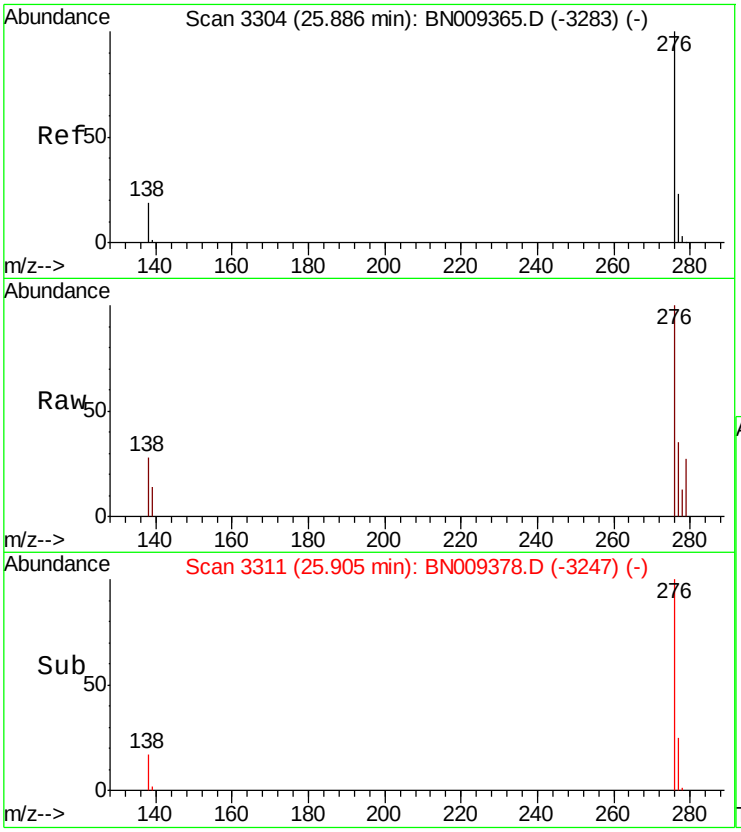


#38
Dibenzo(a,h)anthracene
Concen: 0.079 ng
RT: 25.30 min Scan# 3135
Delta R.T. 0.02 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Tgt Ion:278 Resp: 1581

Ion	Ratio	Lower	Upper
278	100		
139	29.5	14.5	21.7#
279	59.9	24.2	36.4#





#39
Benzo(g,h,i)perylene
Concen: 0.082 ng
RT: 25.90 min Scan# 3311
Delta R.T. 0.02 min
Lab File: BN009378.D
Acq: 15 Jan 2020 14:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1809

Ion	Ratio	Lower	Upper
276	100		
277	35.1	20.6	30.8#
138	28.2	17.1	25.7#