Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
Data File : BN009364.D
Acq On : 13 Jan 2020 15:06
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 13 16:27:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 13 16:24:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1296	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4533	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	2886	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	6516	0.40	ng		0.00
27) Chrysene-d12	21.07	240	5621	0.40	ng		0.00
34) Perylene-d12	23.19	264	5682	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.13	112	598	0.18	ng		0.00
5) Phenol-d6	6.69	99	630	0.14	ng		0.00
8) Nitrobenzene-d5	8.64	82	615	0.16	ng		0.01
11) 2-Methylnaphthalene-d10	11.85	152	1660	0.21	ng		0.01
14) 2,4,6-Tribromophenol	15.64	330	188	0.14	ng		0.01
15) 2-Fluorobiphenyl	12.74	172	1970	0.18	ng		0.01
25) Fluoranthene-d10	18.90	212	4098	0.21	ng		0.00
29) Terphenyl-d14	19.52	244	2551	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	249	0.205	ng		92
3) n-Nitrosodimethylamine	3.50	42	279	0.166	ng		92
6) bis(2-Chloroethyl)ether	6.94	93	713	0.166	ng	#	81
9) Naphthalene	10.28	128	2335	0.189	ng	#	93
10) Hexachlorobutadiene	10.57	225	539	0.228	ng	#	97
12) 2-Methylnaphthalene	11.92	142	1608	0.175	ng		95
16) Acenaphthylene	13.83	152	2183	0.165	ng		99
17) Acenaphthene	14.18	154	1673	0.191	ng		100
18) Fluorene	15.17	166	2128	0.181	ng		99
20) 4-Bromophenyl-phenylether	16.07	248	690	0.177	ng	#	88
21) Hexachlorobenzene	16.17	284	789	0.178	ng		97
22) Pentachlorophenol	16.57	266	171	0.107	ng		90
23) Phenanthrene	16.91	178	3524	0.172	ng		100
24) Anthracene	17.00	178	2833	0.157	ng		99
26) Fluoranthene	18.93	202	4141	0.170	ng		100
28) Pyrene	19.30	202	4191	0.213	ng		100
30) Benzo(a)anthracene	21.06	228	3320	0.167	ng		99
31) Chrysene	21.10	228	4303	0.208	ng		99
32) Bis(2-ethylhexyl)phthalate	21.01	149	1562	0.167	ng		97
33) Indeno(1,2,3-cd)pyrene	25.27	276	4068	0.186	ng		98
35) Benzo(b)fluoranthene	22.57	252	3696	0.182	ng	#	86
36) Benzo(k)fluoranthene	22.61	252	4324	0.211	ng	#	84
37) Benzo(a)pyrene	23.10	252	3356	0.184	ng	#	81
38) Dibenzo(a,h)anthracene	25.29	278	3170	0.185	ng	#	86
39) Benzo(g,h,i)perylene	25.90	276	3816	0.226	ng		95

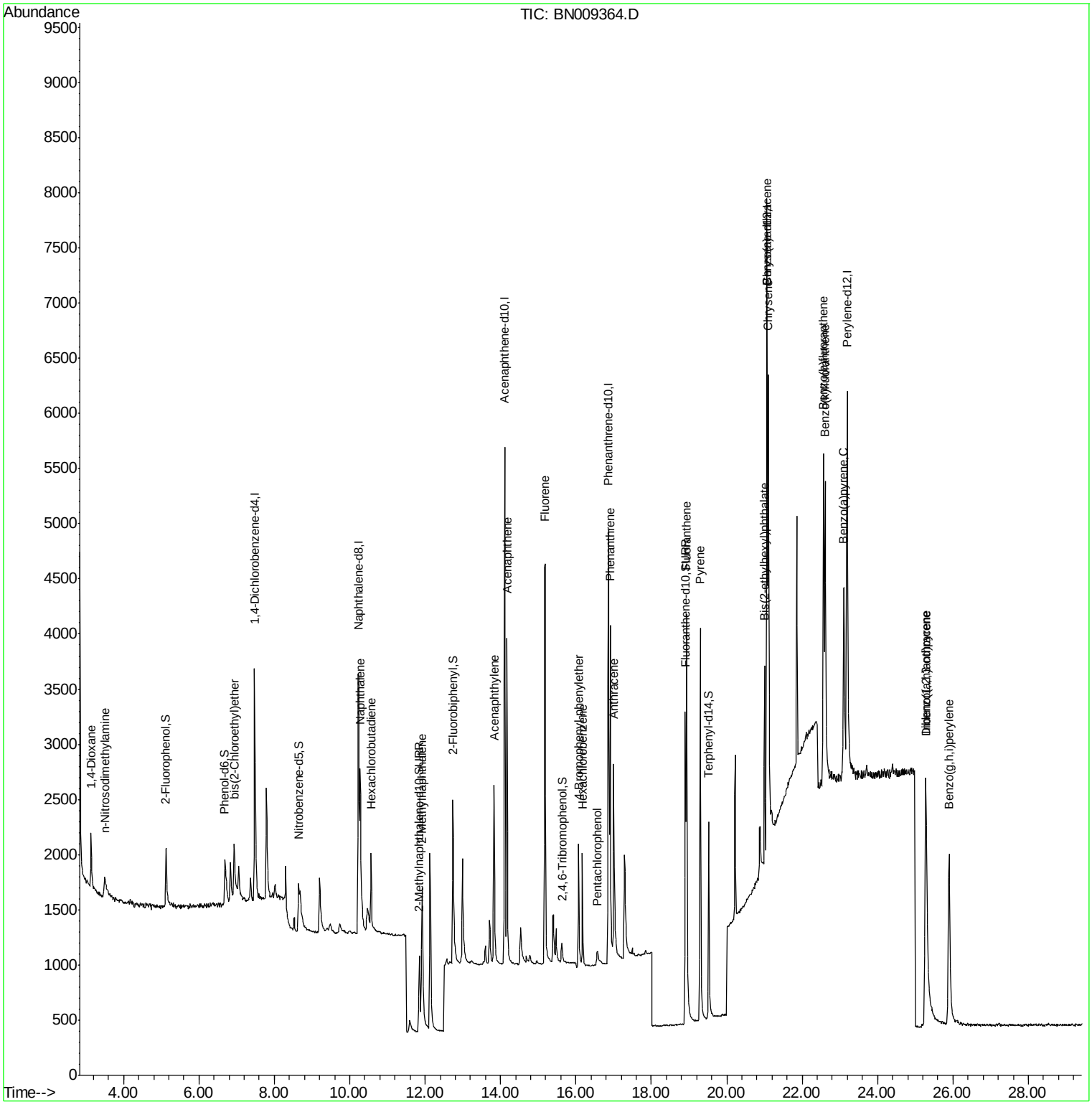
(#) = qualifier out of range (m) = manual integration (+) = signals summed

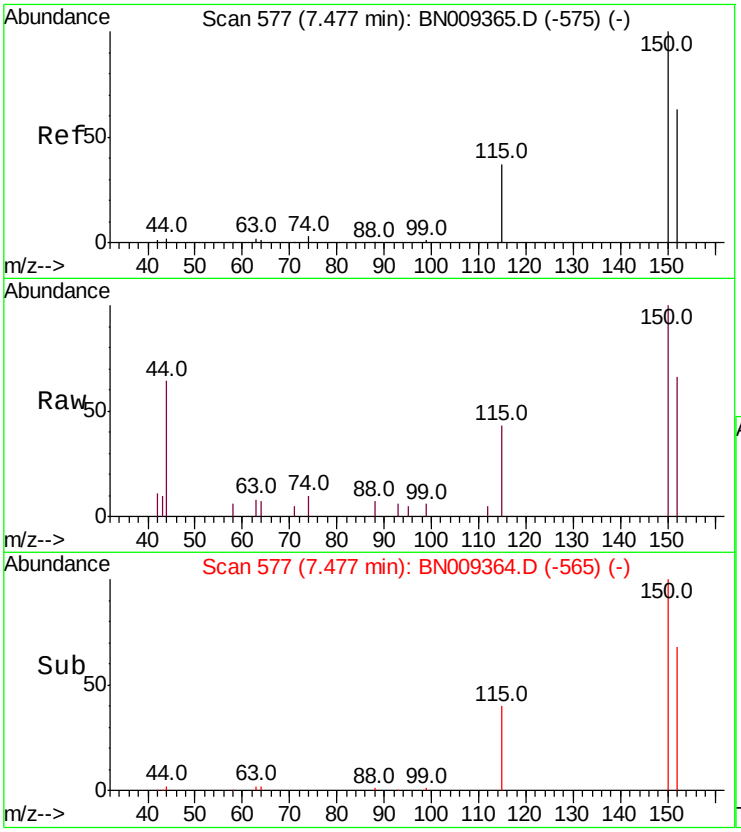
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
Data File : BN009364.D
Acq On : 13 Jan 2020 15:06
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 13 16:27:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 13 16:24:14 2020
Response via : Initial Calibration



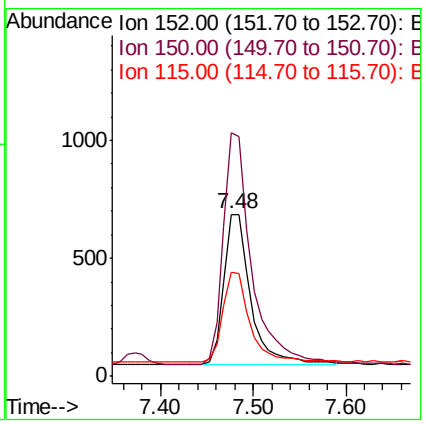


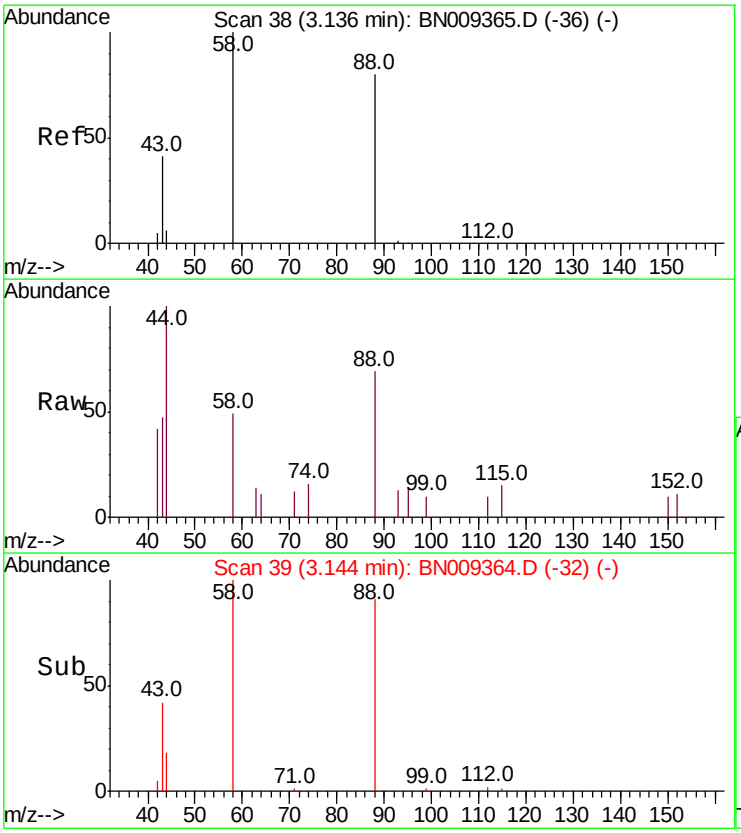
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1296

Ion	Ratio	Lower	Upper
152	100		
150	150.4	125.7	188.5
115	64.0	53.3	79.9

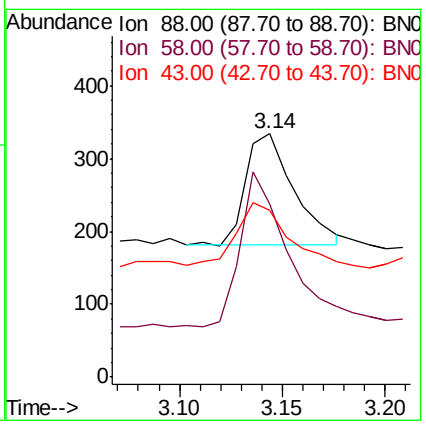


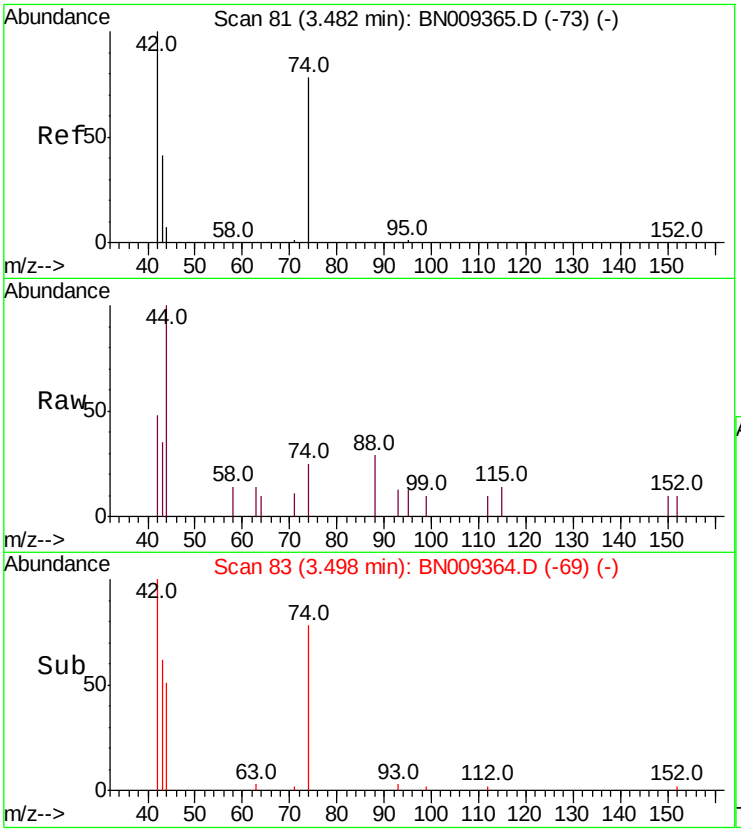


#2
1,4-Dioxane
Concen: 0.205 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion: 88 Resp: 249

Ion	Ratio	Lower	Upper
88	100		
58	134.5	100.2	150.2
43	59.8	43.1	64.7



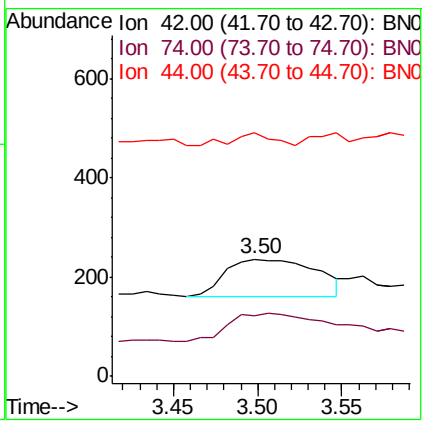


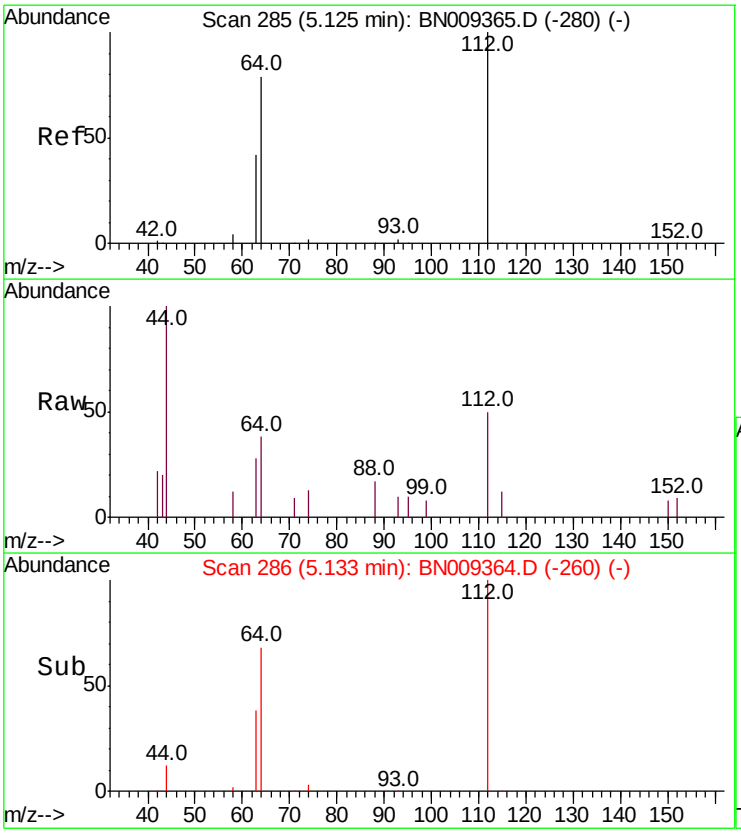
#3
n-Nitrosodimethylamine
Concen: 0.166 ng
RT: 3.50 min Scan# 83
Delta R.T. 0.02 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 279

Ion	Ratio	Lower	Upper
42	100		
74	77.1	55.8	83.8
44	14.3	11.1	16.7

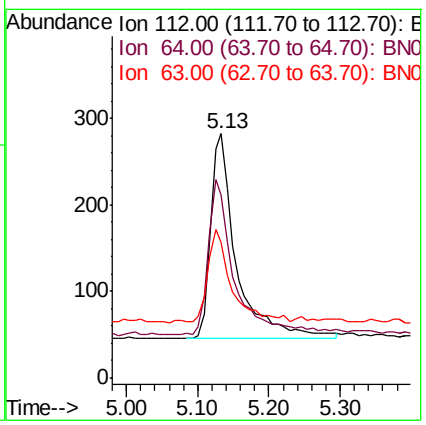


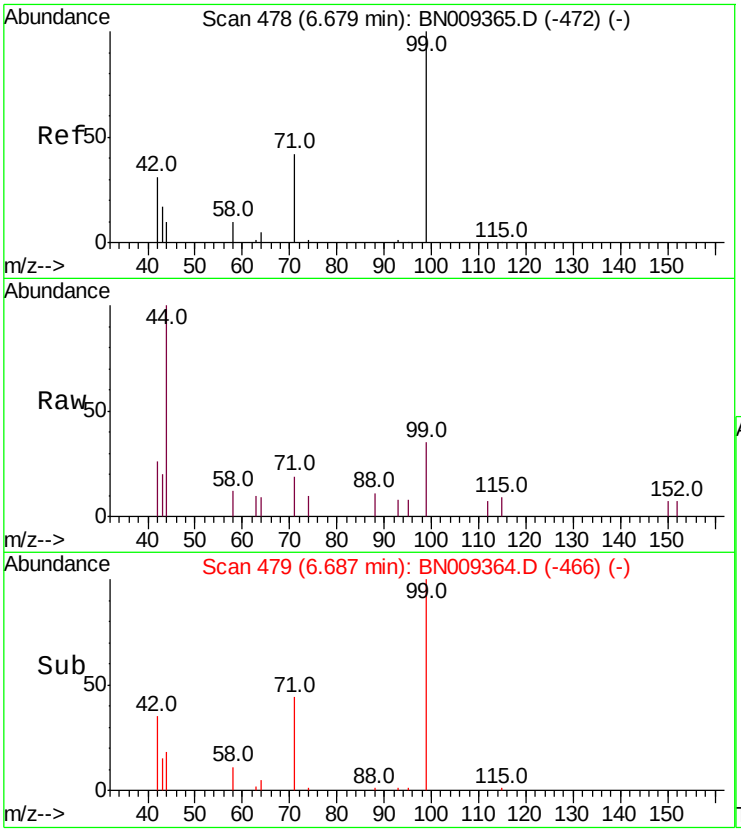


#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.13 min Scan# 286
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:112 Resp: 598

Ion	Ratio	Lower	Upper
112	100		
64	75.3	61.5	92.3
63	41.5	35.0	52.4



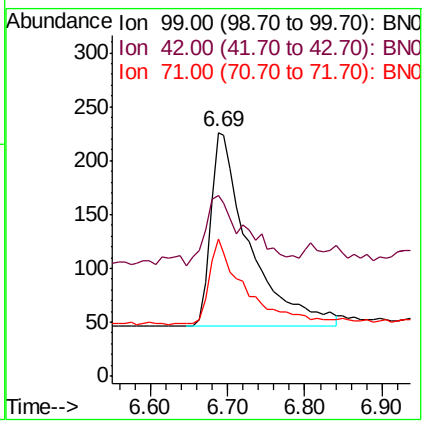


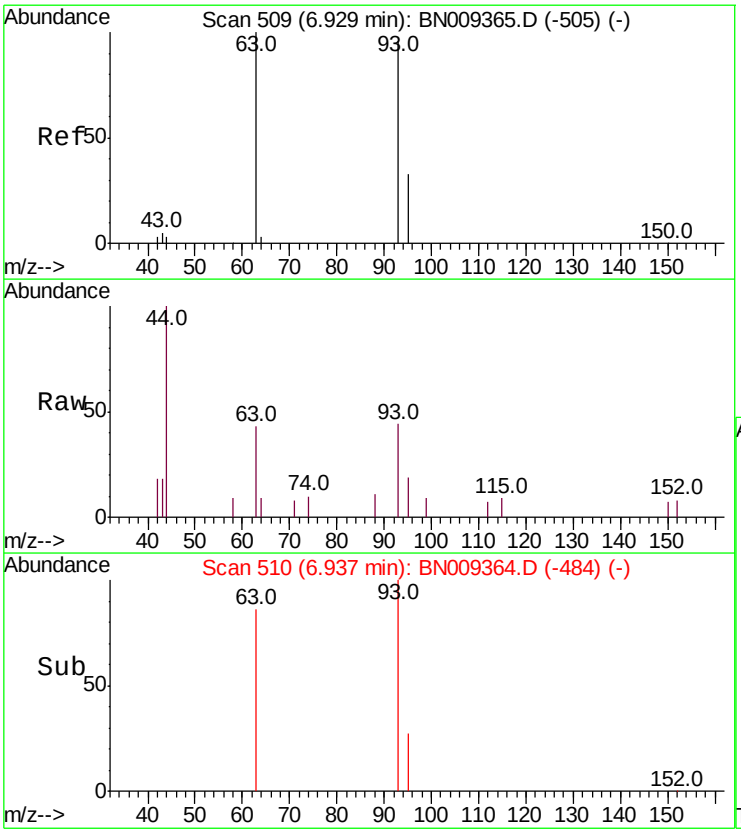
#5
Phenol-d6
Concen: 0.138 ng
RT: 6.69 min Scan# 479
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 630

Ion	Ratio	Lower	Upper
99	100		
42	37.9	27.6	41.4
71	41.0	33.0	49.6

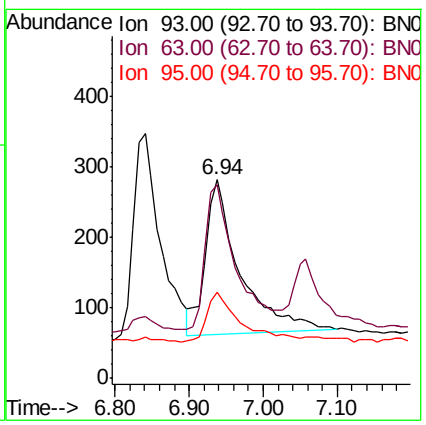


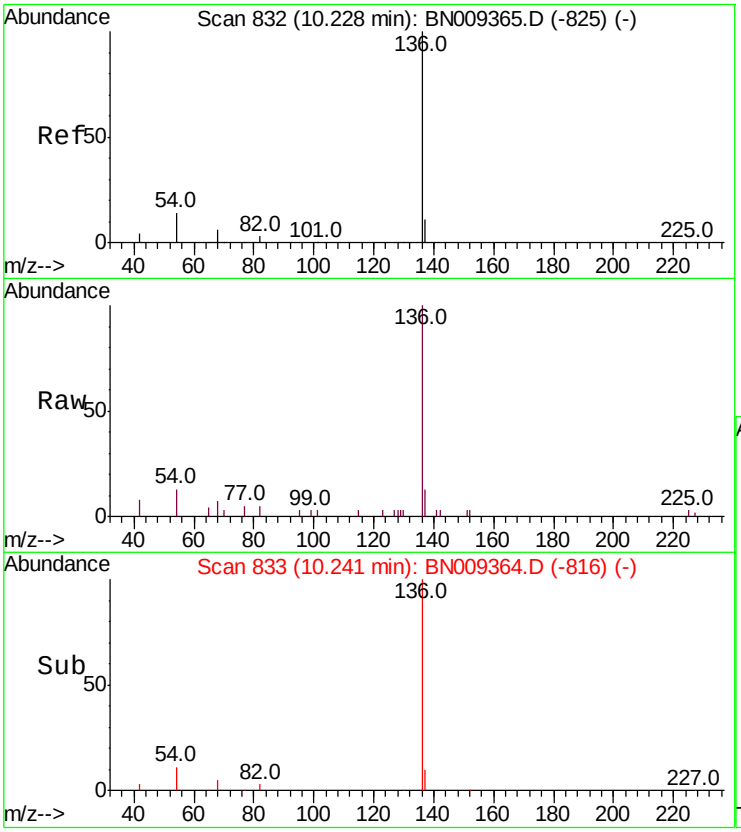


#6
bis(2-Chloroethyl)ether
Concen: 0.166 ng
RT: 6.94 min Scan# 510
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion: 93 Resp: 713

Ion	Ratio	Lower	Upper
93	100		
63	83.7	85.1	127.7#
95	30.4	30.2	45.4



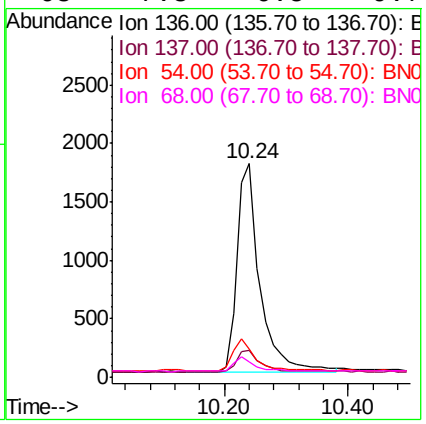


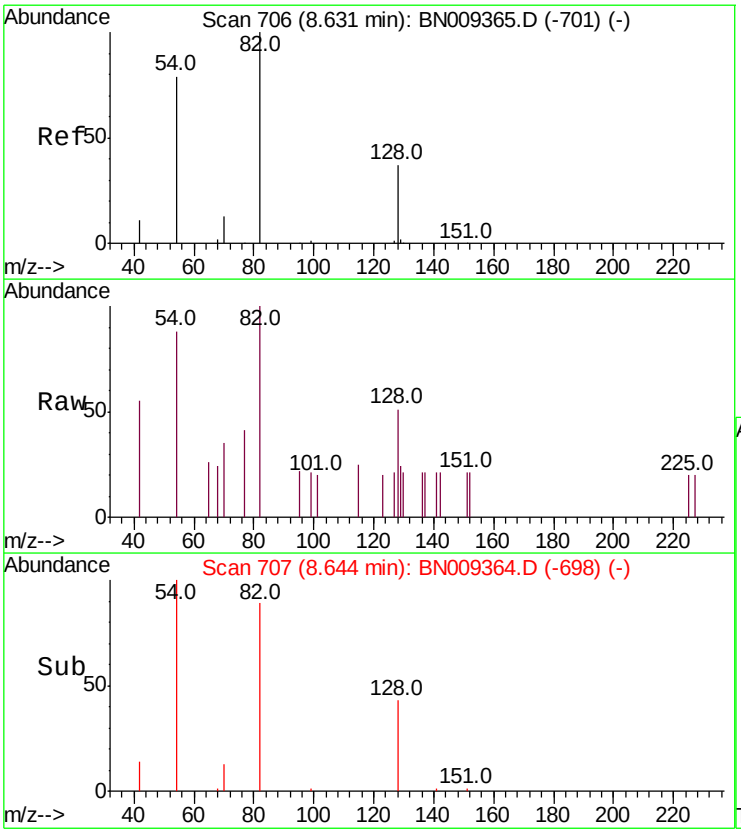
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4533

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	13.3	12.6	19.0
68	7.3	6.5	9.7

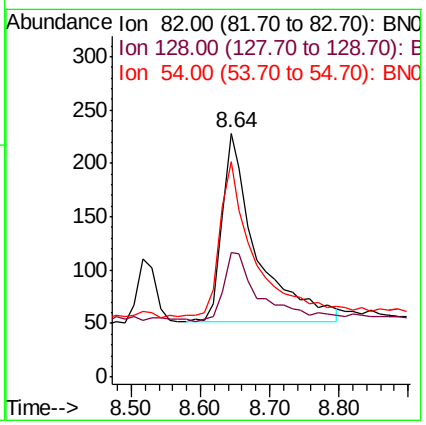


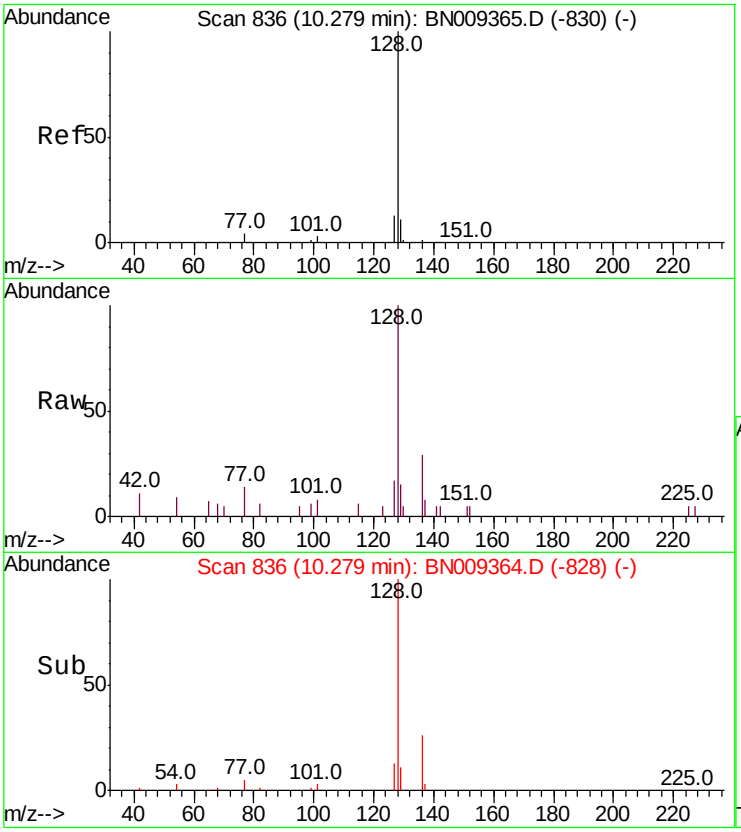


#8
Nitrobenzene-d5
Concen: 0.160 ng
RT: 8.64 min Scan# 707
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion: 82 Resp: 615

Ion	Ratio	Lower	Upper
82	100		
128	50.9	34.8	52.2
54	88.2	65.8	98.6



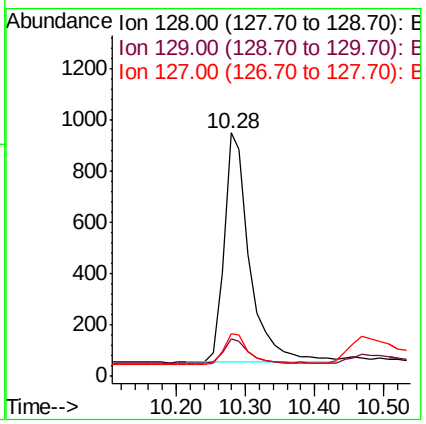


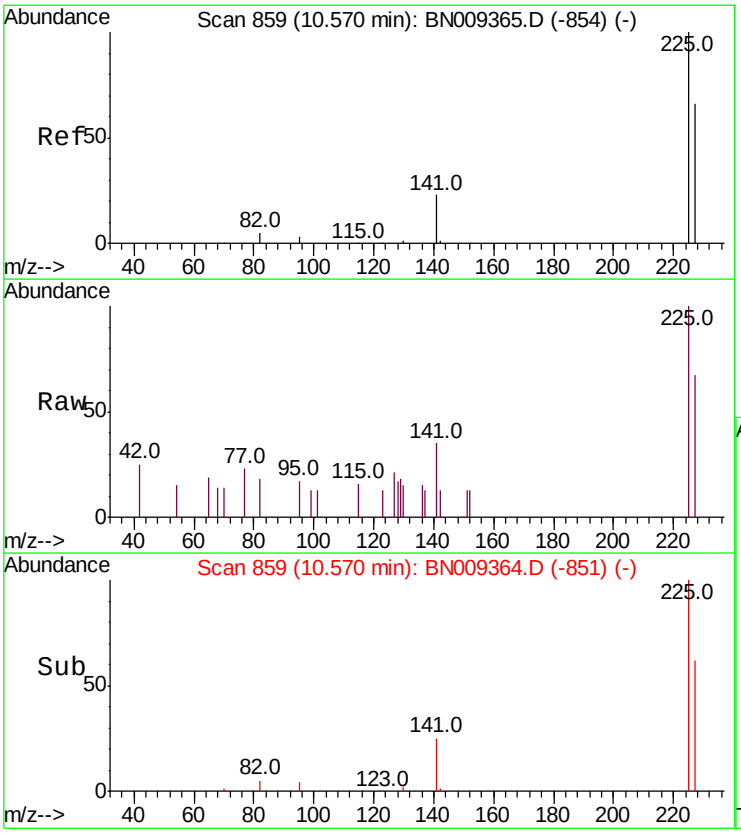
#9
Naphthalene
Concen: 0.189 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2335

Ion	Ratio	Lower	Upper
128	100		
129	15.5	10.4	15.6
127	17.5	11.4	17.2#

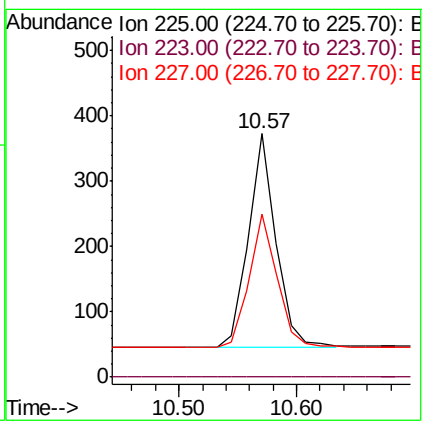


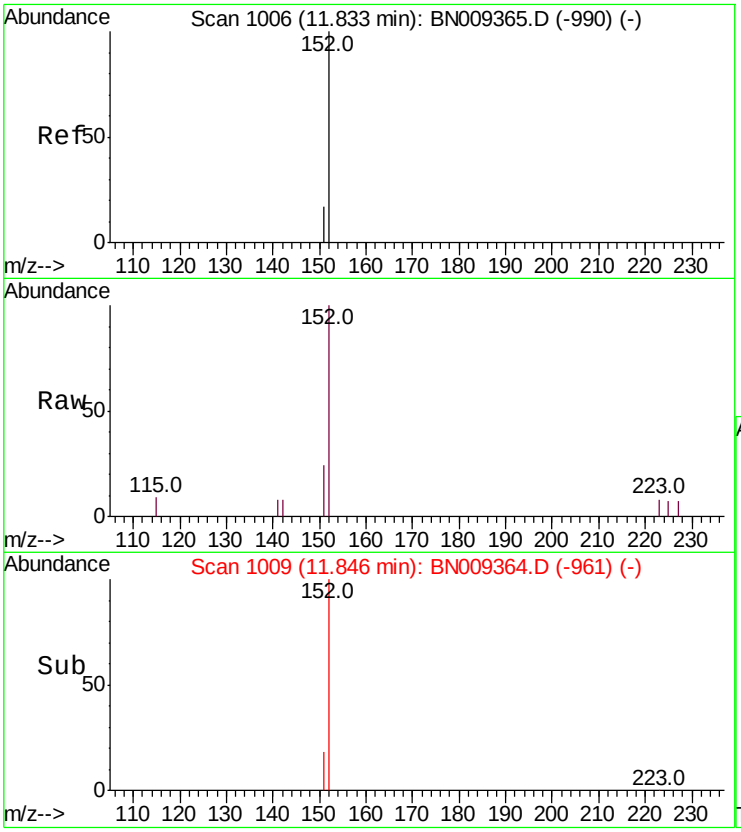


#10
Hexachlorobutadiene
Concen: 0.228 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:225 Resp: 539

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	52.6	78.8



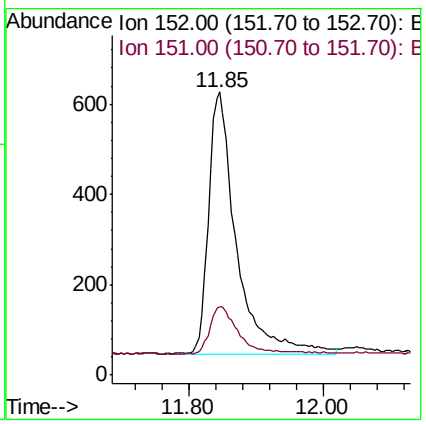


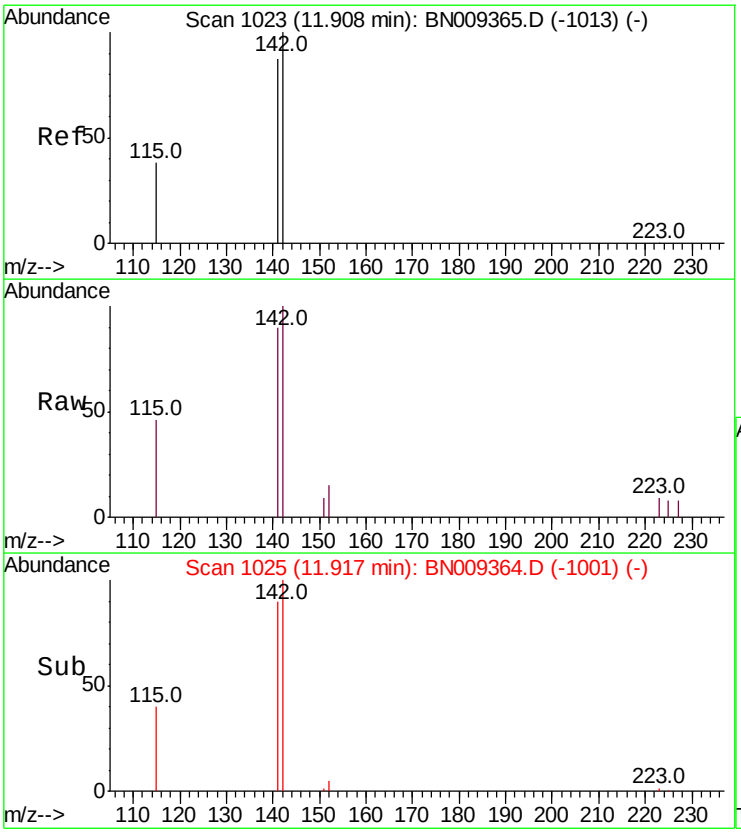
#11
2-Methylnaphthalene-d10
Concen: 0.214 ng
RT: 11.85 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1660

Ion	Ratio	Lower	Upper
152	100		
151	18.2	14.8	22.2

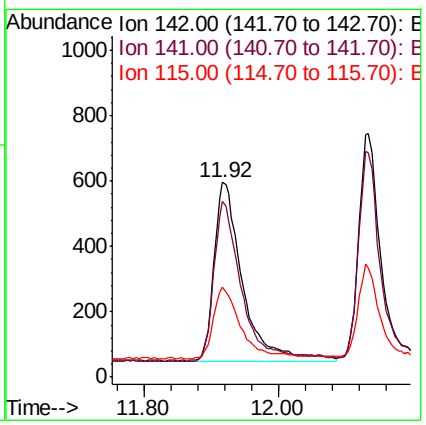


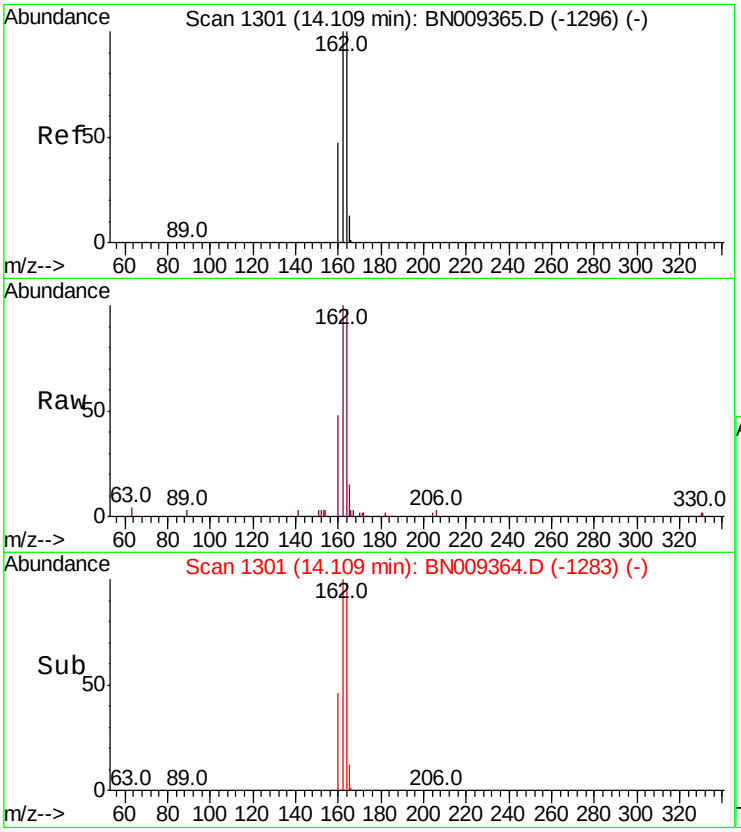


#12
2-Methylnaphthalene
Concen: 0.175 ng
RT: 11.92 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:142 Resp: 1608

Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.8	104.6
115	46.5	32.5	48.7



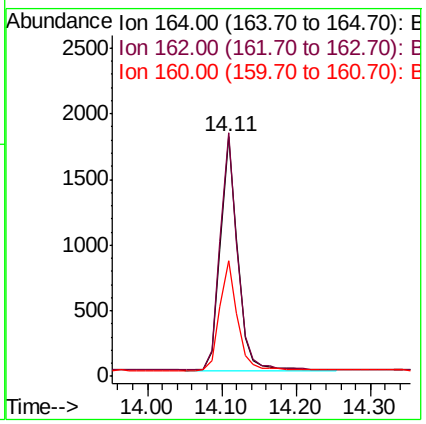


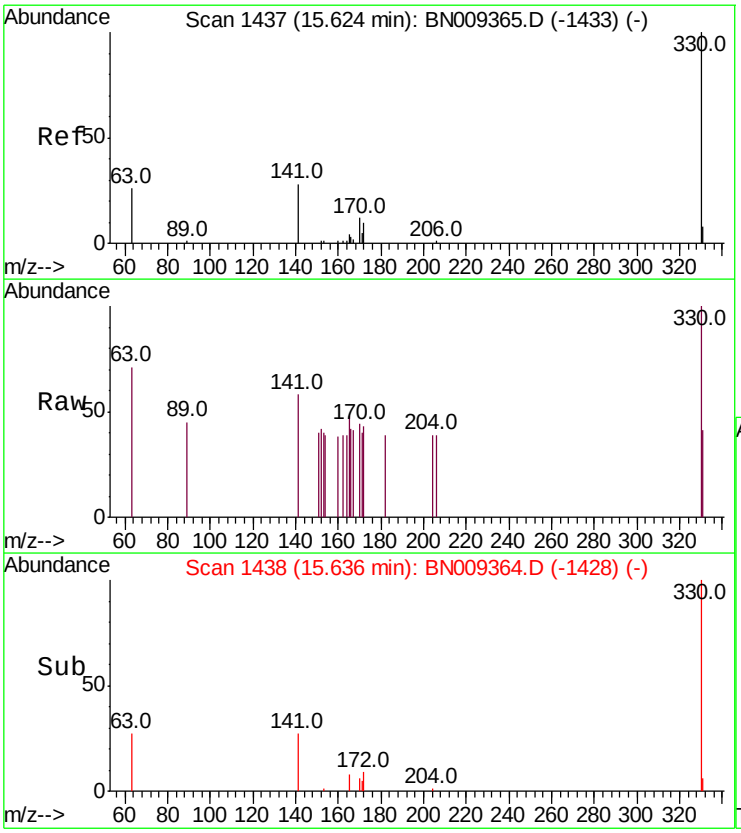
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2886

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.8	119.6
160	48.4	38.4	57.6

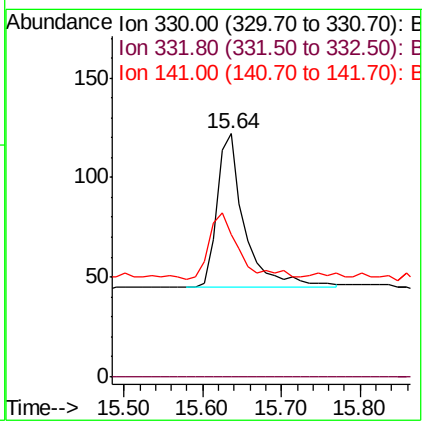


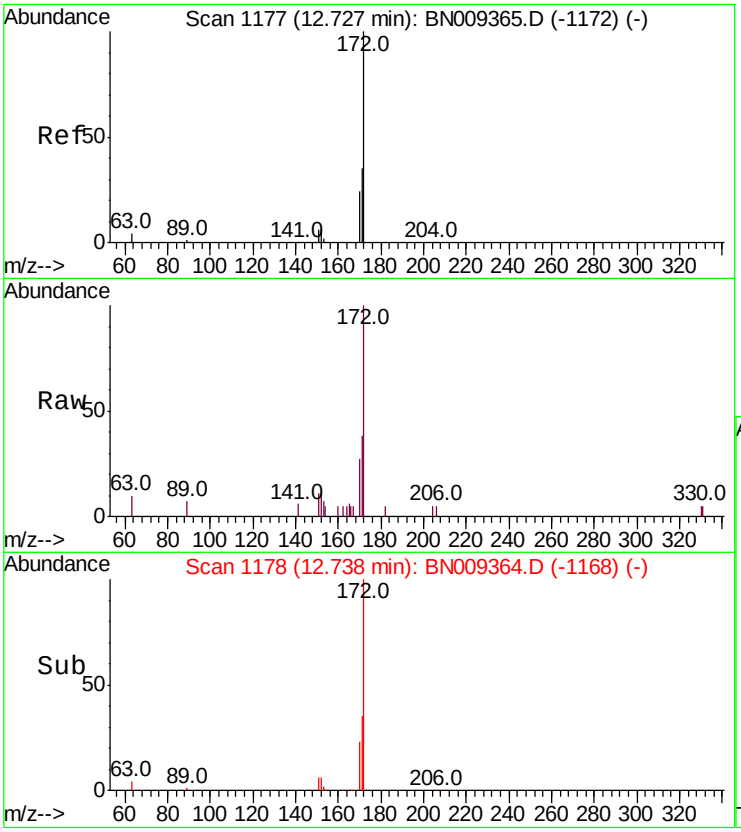


#14
2,4,6-Tribromophenol
Concen: 0.136 ng
RT: 15.64 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:330 Resp: 188

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.3	33.1	49.7



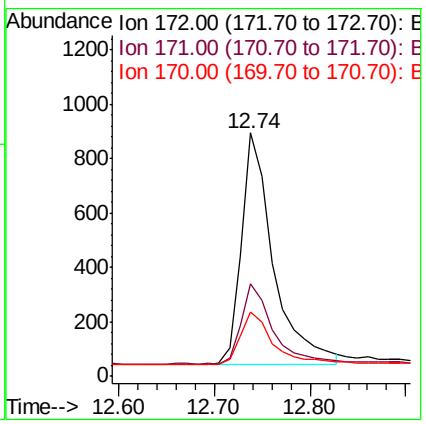


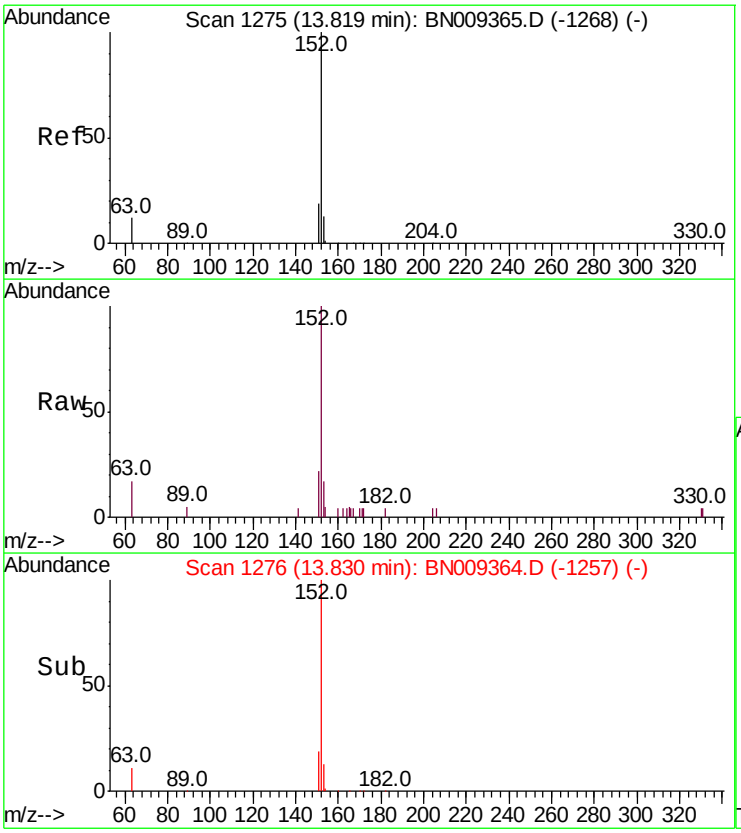
#15
2-Fluorobiphenyl
Concen: 0.180 ng
RT: 12.74 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1970

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.5	44.3
170	26.7	20.7	31.1

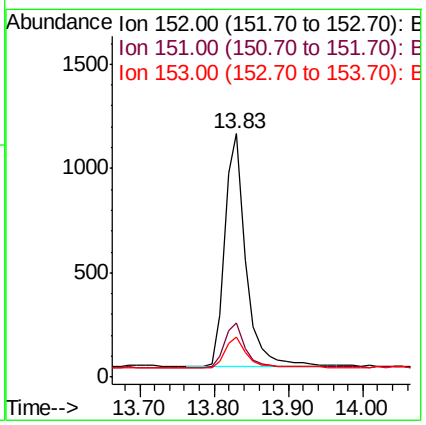


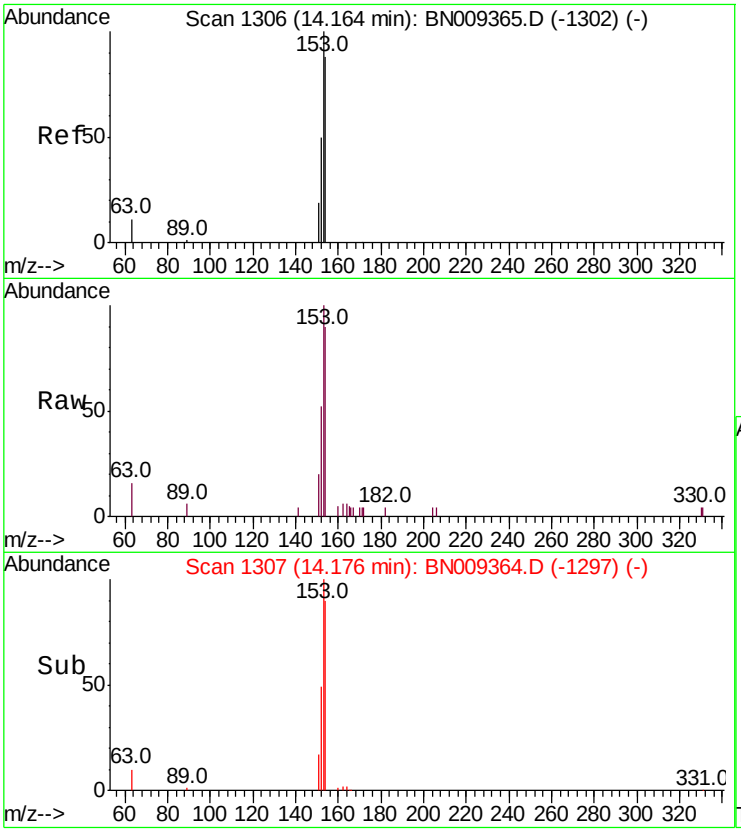


#16
Acenaphthylene
Concen: 0.165 ng
RT: 13.83 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:152 Resp: 2183

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.6	10.4	15.6



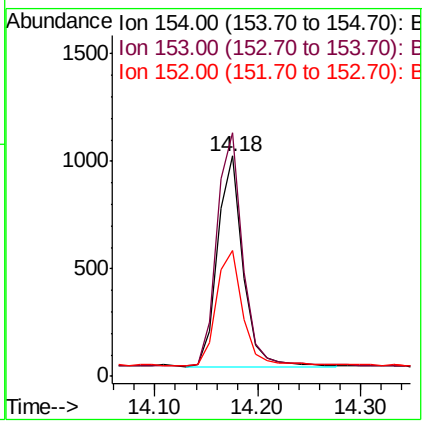


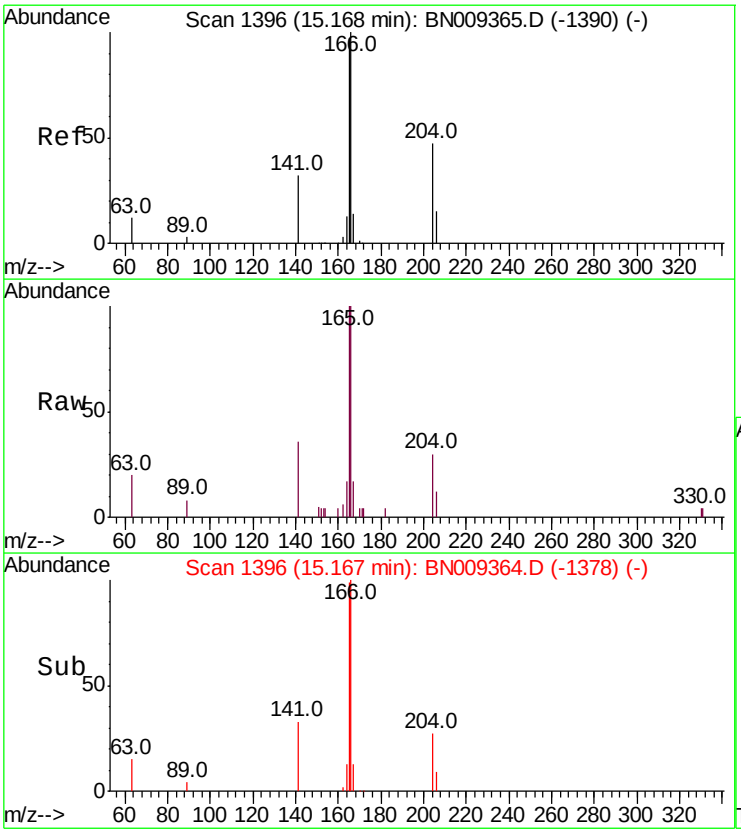
#17
Acenaphthene
Concen: 0.191 ng
RT: 14.18 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1673

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.5	135.7
152	56.6	45.3	67.9

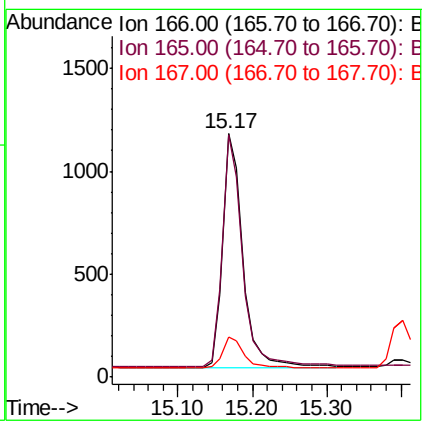


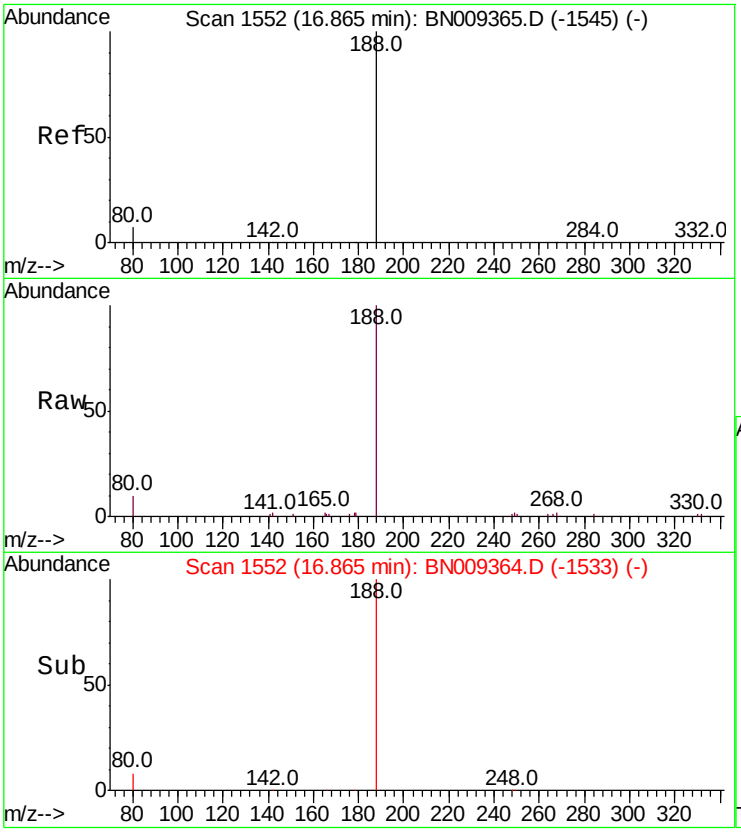


#18
Fluorene
Concen: 0.181 ng
RT: 15.17 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:166 Resp: 2128

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.2	117.2
167	14.3	11.0	16.6



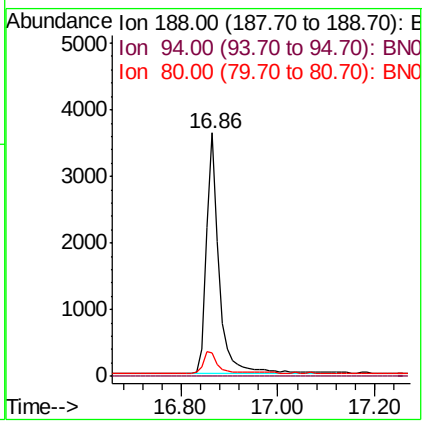


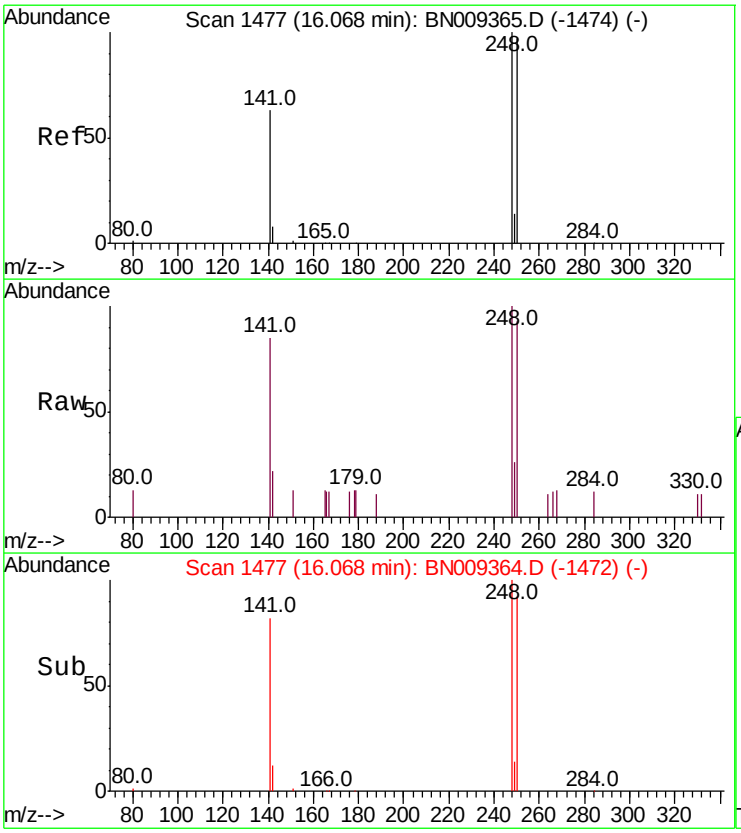
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6516

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	6.6	10.0

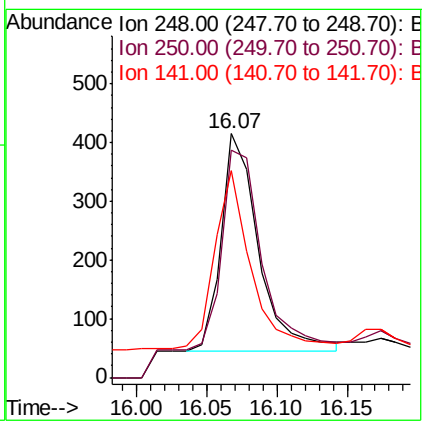


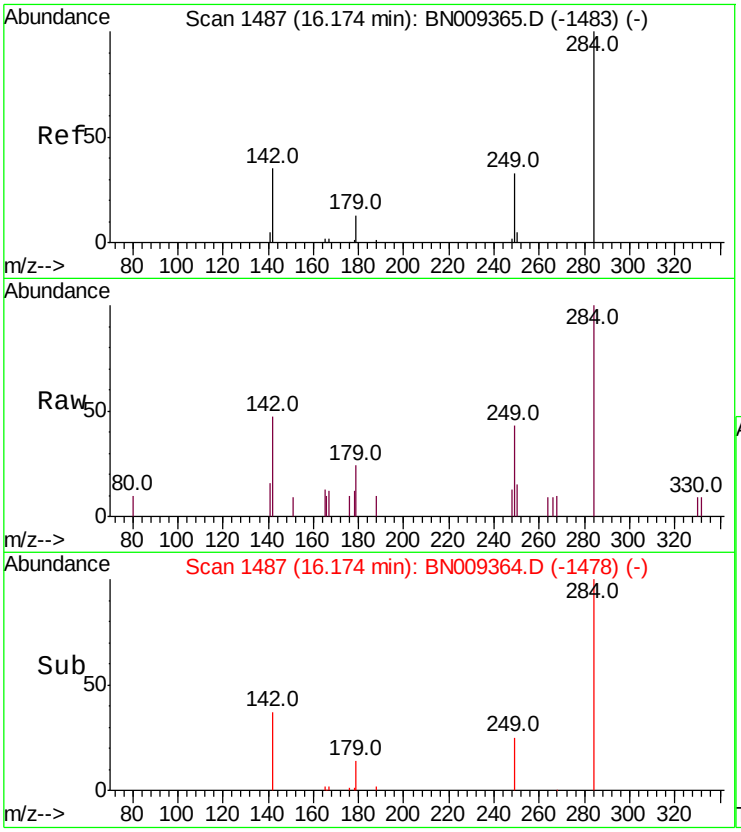


#20
4-Bromophenyl-phenylether
Concen: 0.177 ng
RT: 16.07 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:248 Resp: 690

Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.8	116.8
141	85.1	53.4	80.0#



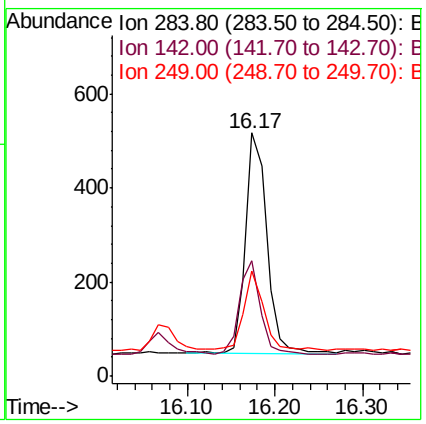


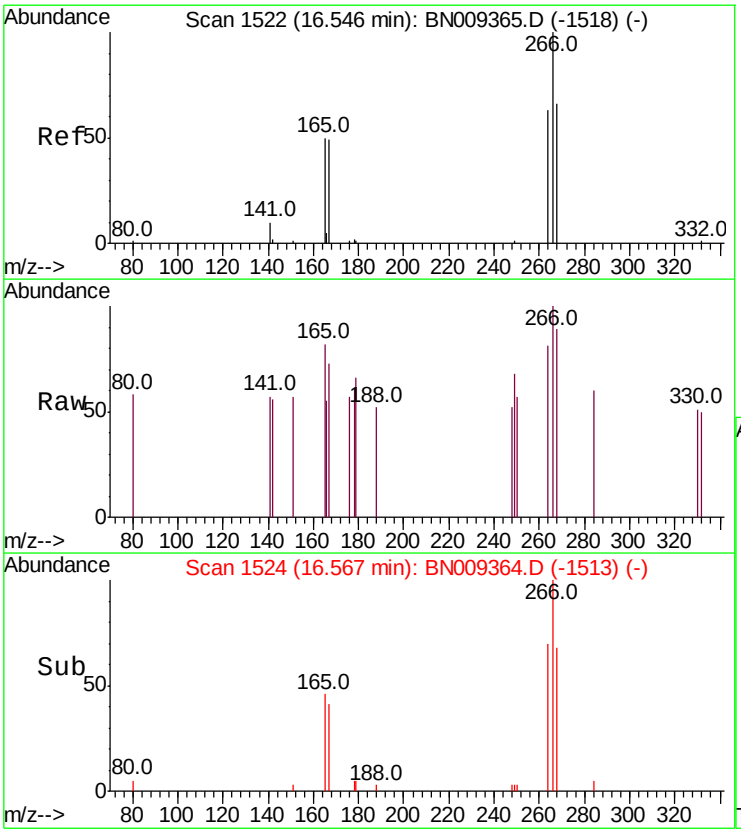
#21
Hexachlorobenzene
Concen: 0.178 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 789

Ion	Ratio	Lower	Upper
284	100		
142	40.3	33.8	50.8
249	32.7	27.0	40.4

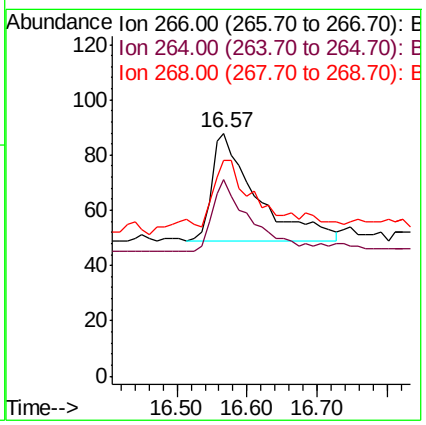


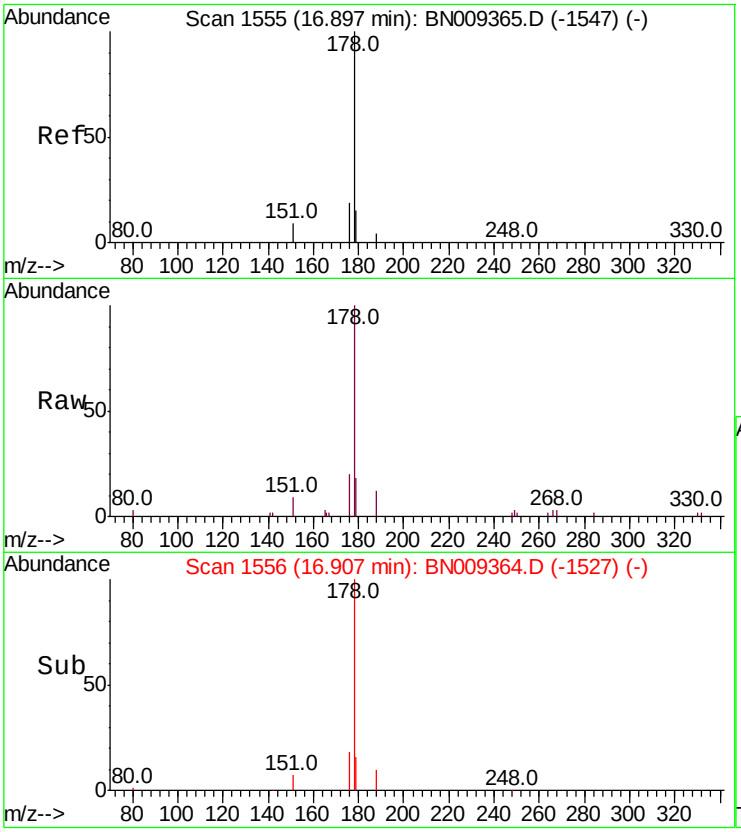


#22
Pentachlorophenol
Concen: 0.107 ng
RT: 16.57 min Scan# 1524
Delta R.T. 0.02 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:266 Resp: 171

Ion	Ratio	Lower	Upper
266	100		
264	80.7	57.8	86.6
268	88.6	63.8	95.6



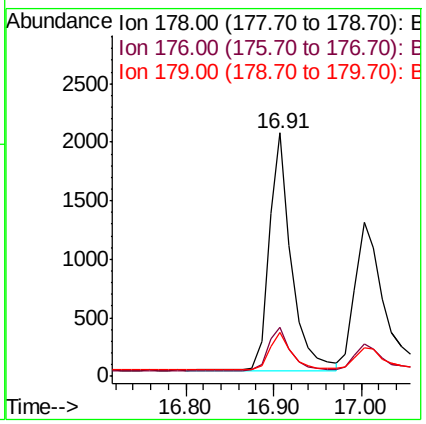


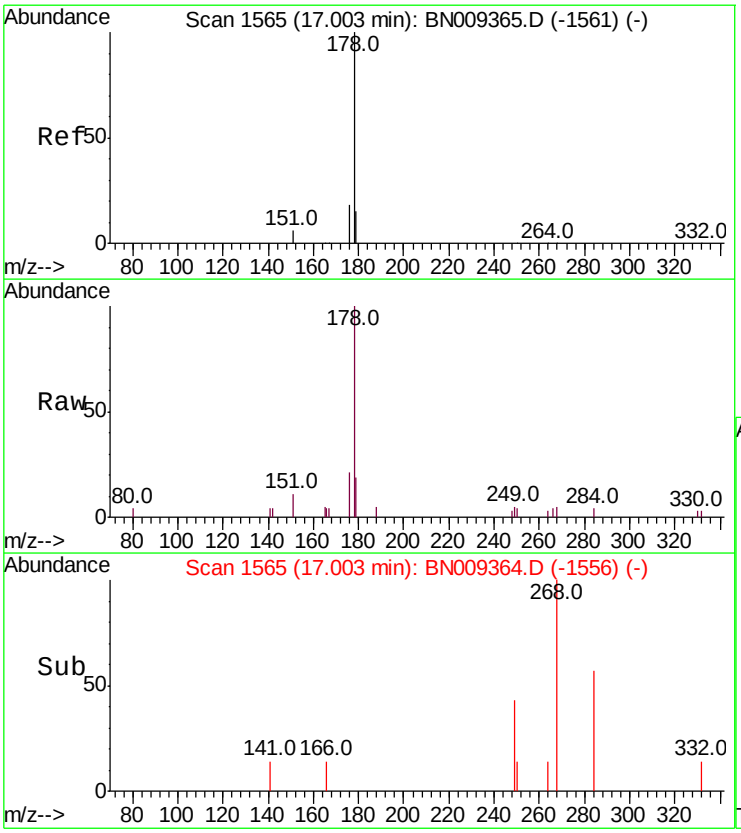
#23
Phenanthrene
Concen: 0.172 ng
RT: 16.91 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3524

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.3	18.5

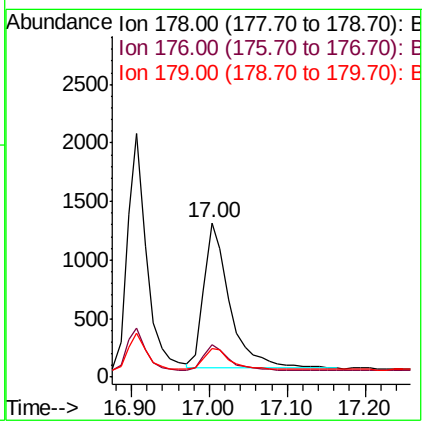


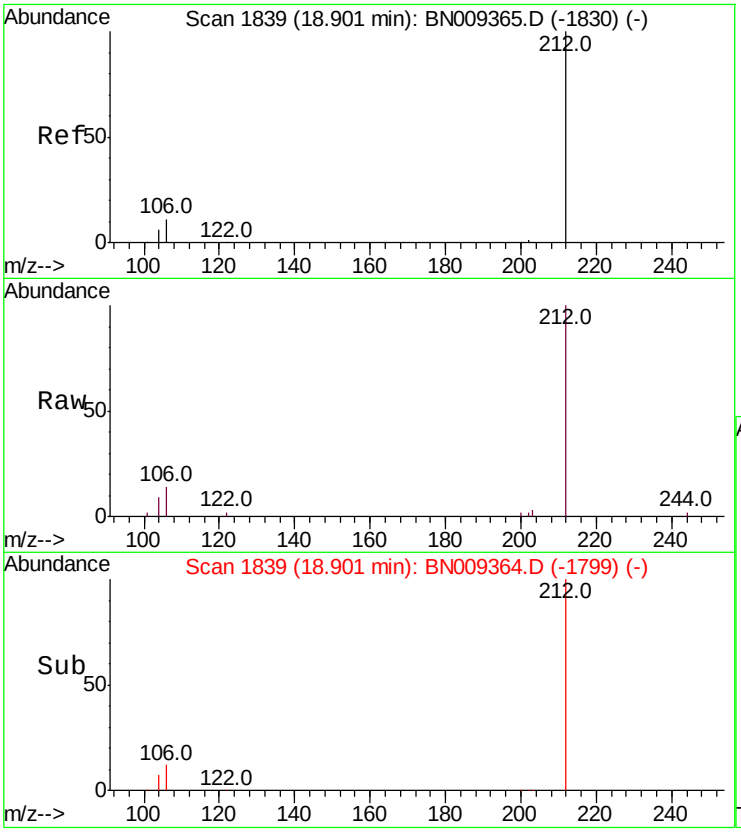


#24
Anthracene
Concen: 0.157 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:178 Resp: 2833

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	14.5	12.5	18.7



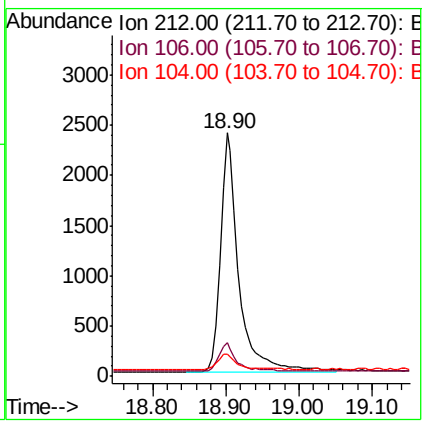


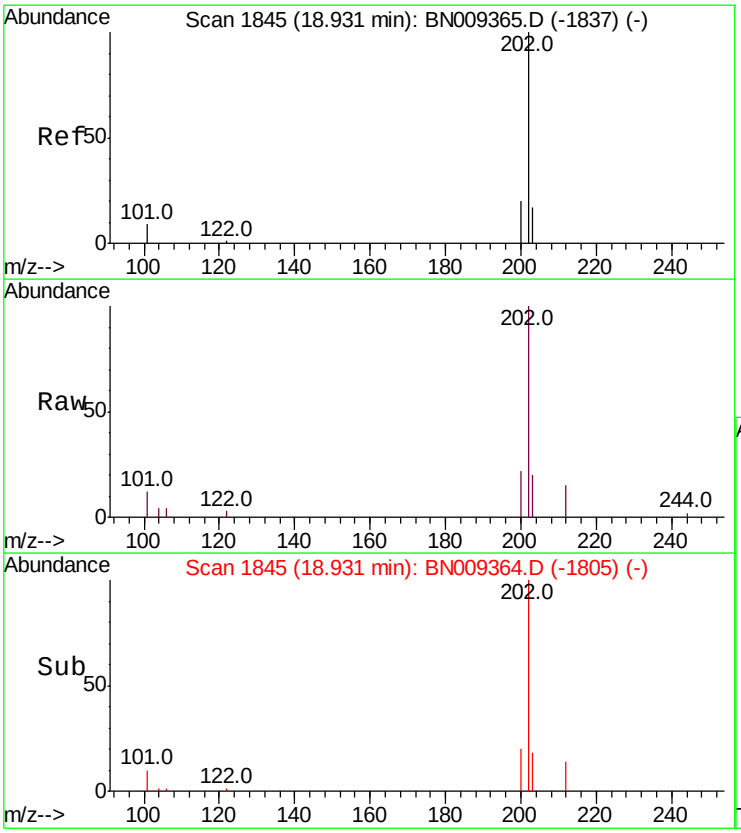
#25
Fluoranthene-d10
Concen: 0.208 ng
RT: 18.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 4098

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.2	13.8
104	7.1	5.4	8.0

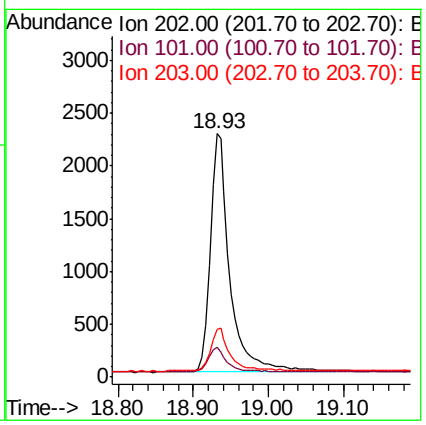


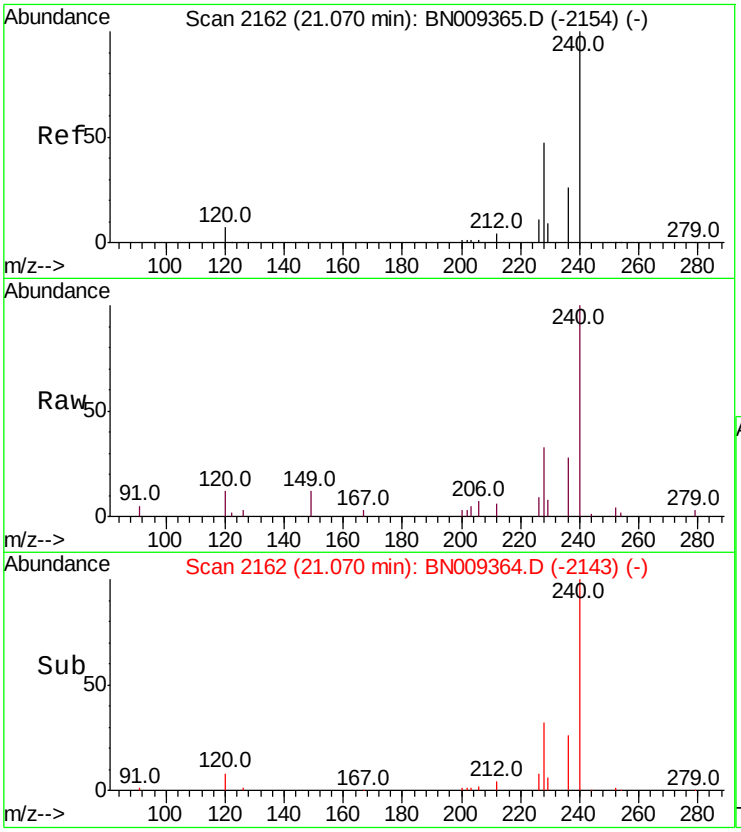


#26
Fluoranthene
Concen: 0.170 ng
RT: 18.93 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:202 Resp: 4141

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
203	17.1	13.5	20.3



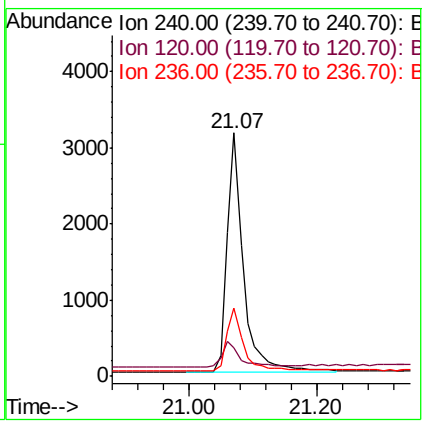


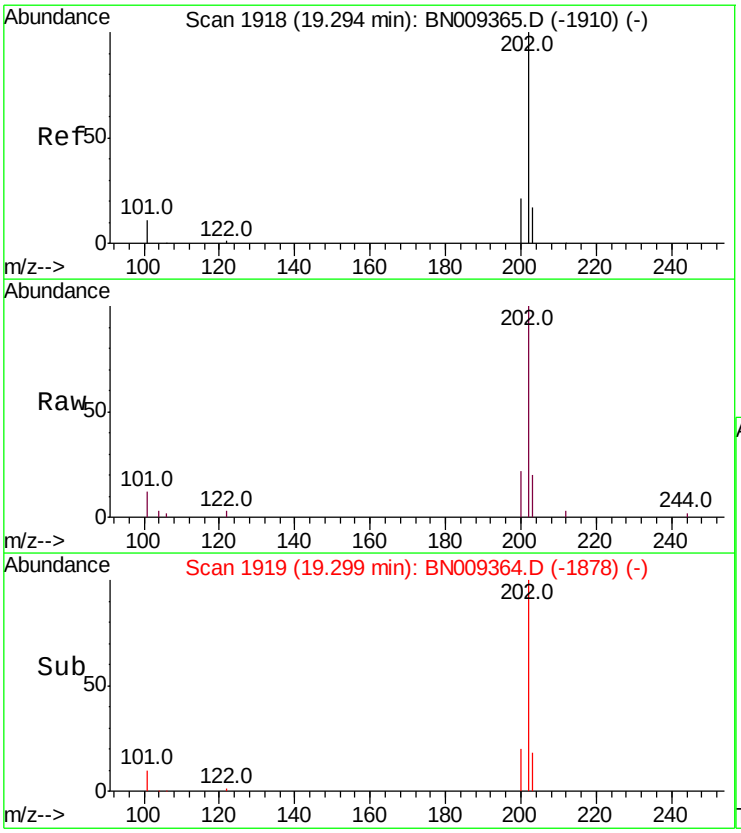
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5621

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.1	12.1
236	28.1	22.2	33.4

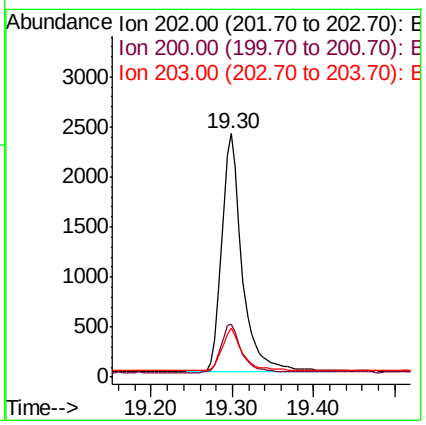


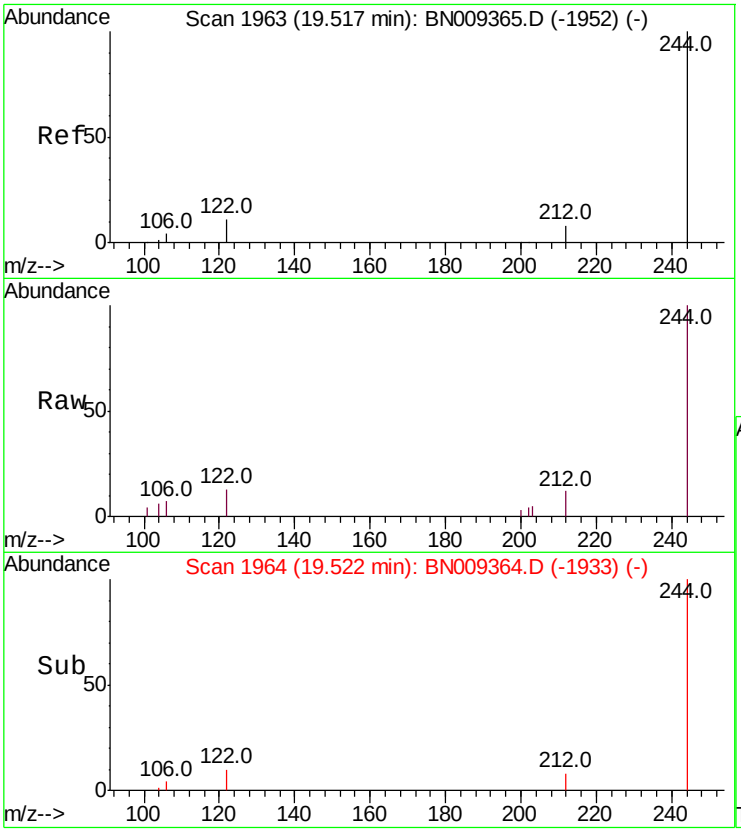


#28
Pyrene
Concen: 0.213 ng
RT: 19.30 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:202 Resp: 4191

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.5	14.1	21.1



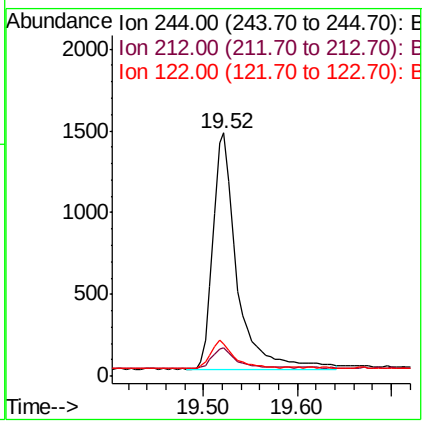


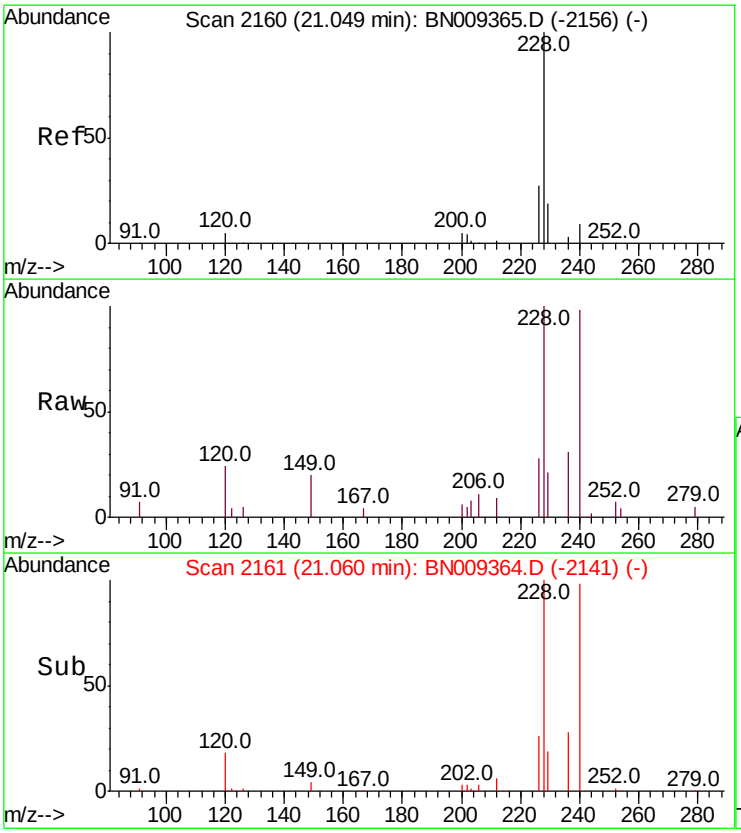
#29
Terphenyl-d14
Concen: 0.199 ng
RT: 19.52 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 2551

Ion	Ratio	Lower	Upper
244	100		
212	11.6	7.5	11.3#
122	13.1	9.8	14.6

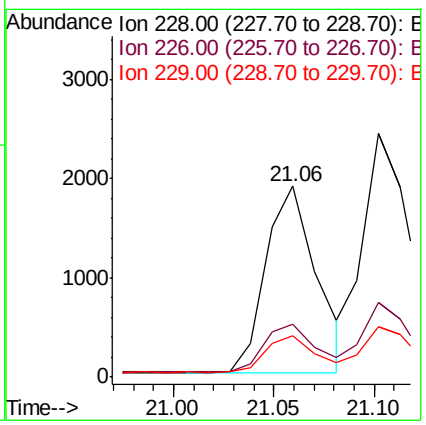


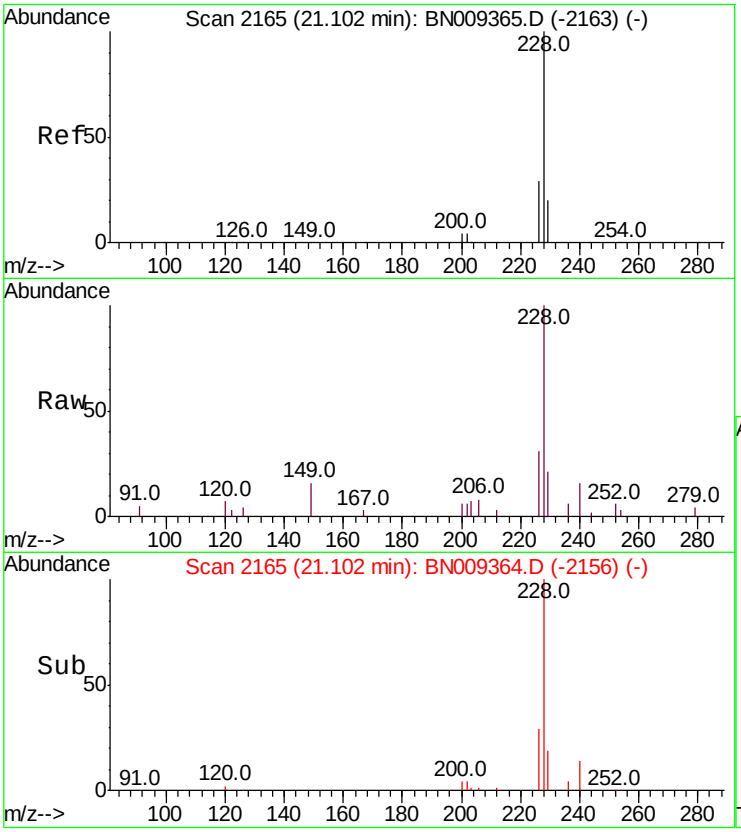


#30
Benzo(a)anthracene
Concen: 0.167 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:228 Resp: 3320

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	21.5	16.1	24.1



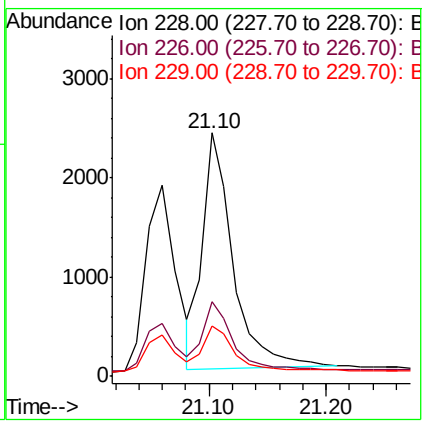


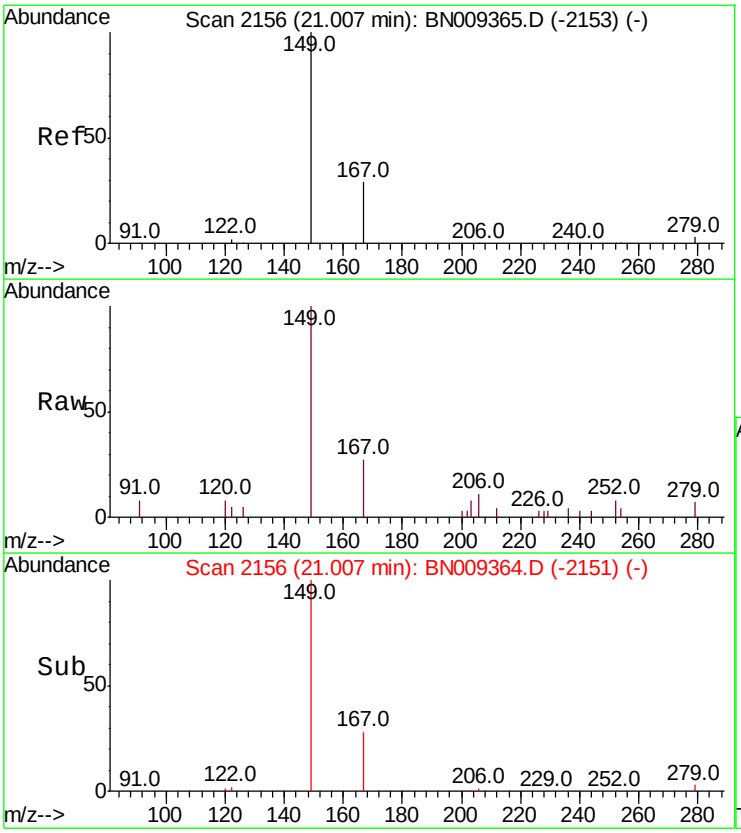
#31
Chrysene
Concen: 0.208 ng
RT: 21.10 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4303

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	20.8	16.6	24.8

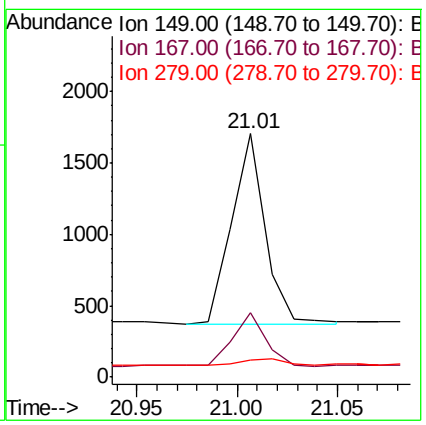


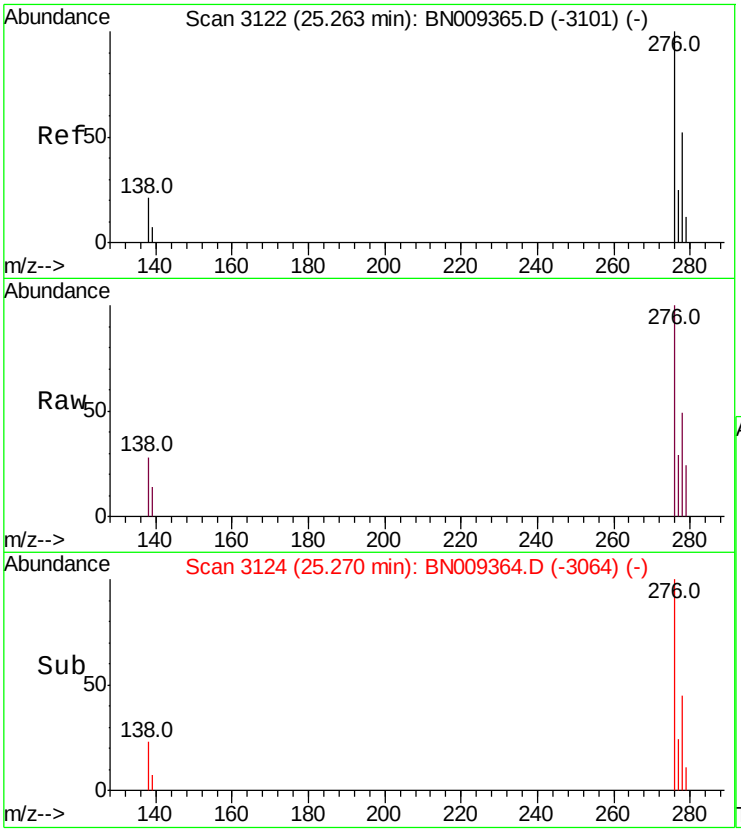


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.167 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:149 Resp: 1562

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.9	34.3
279	4.4	3.4	5.0



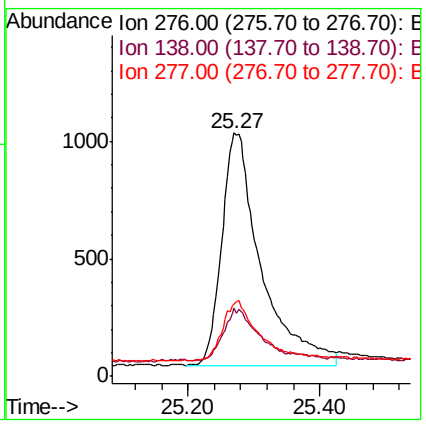


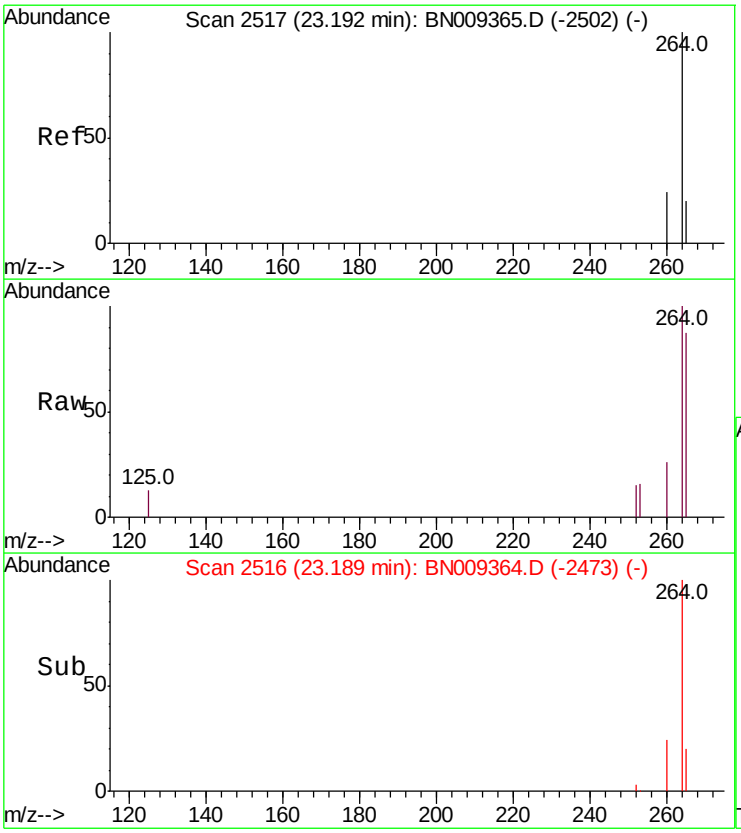
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng
RT: 25.27 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4068

Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.9	23.9
277	23.7	19.8	29.6

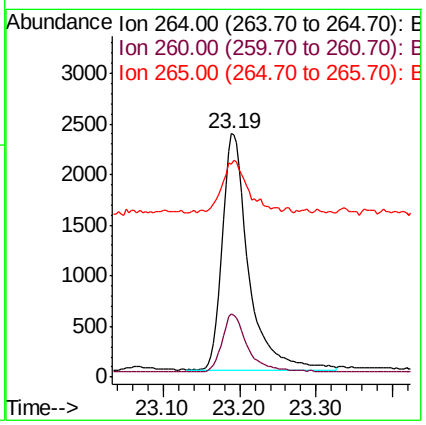


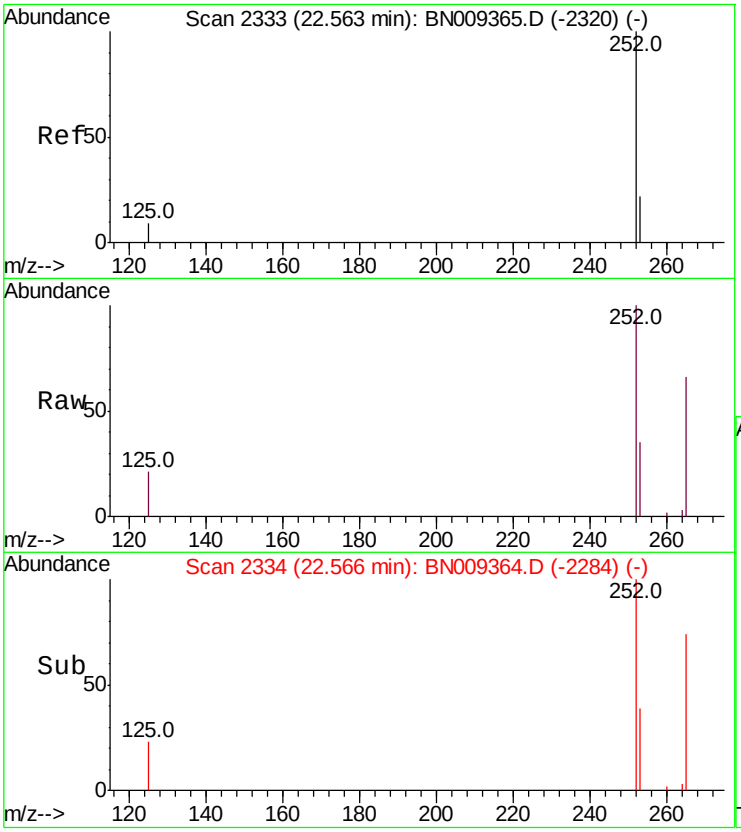


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:264 Resp: 5682

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.1	30.1
265	87.4	68.2	102.4



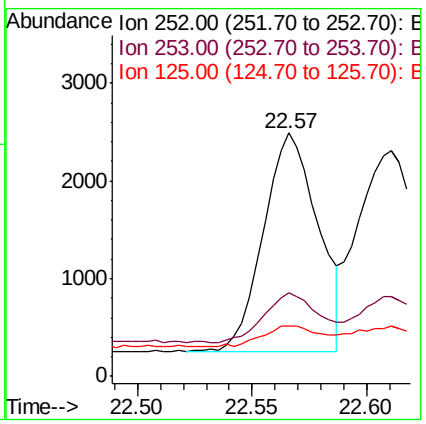


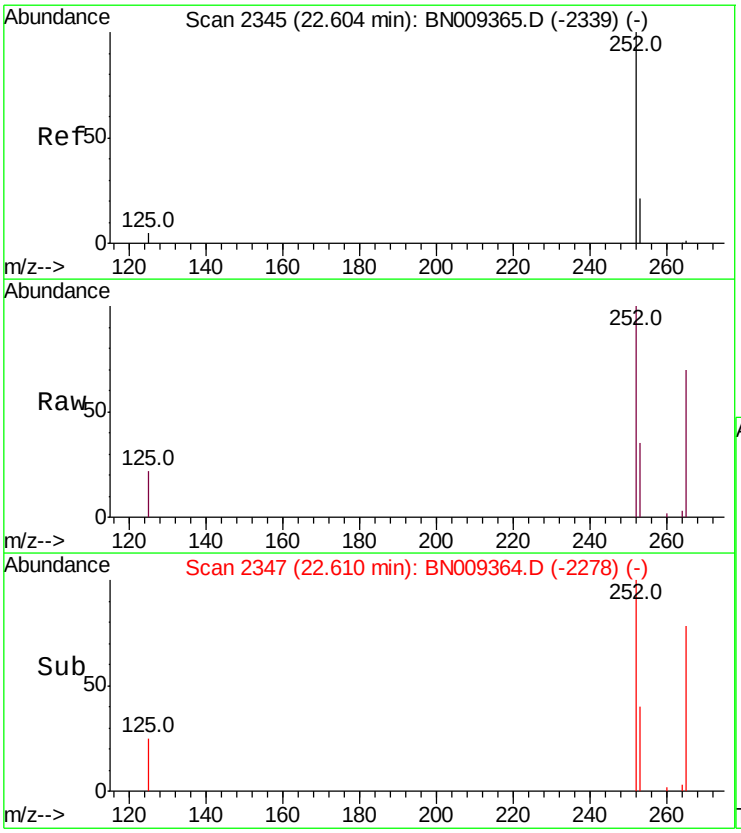
#35
Benzo(b)fluoranthene
Concen: 0.182 ng
RT: 22.57 min Scan# 2334
Delta R.T. 0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3696

Ion	Ratio	Lower	Upper
252	100		
253	34.6	22.4	33.6#
125	20.9	11.6	17.4#

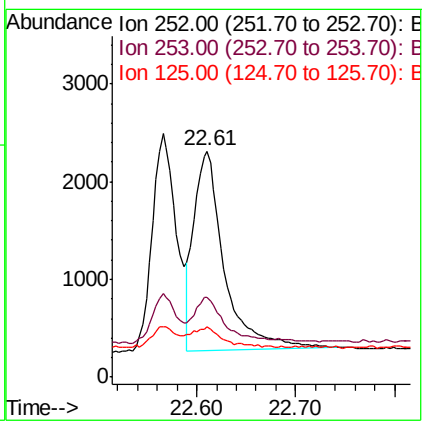


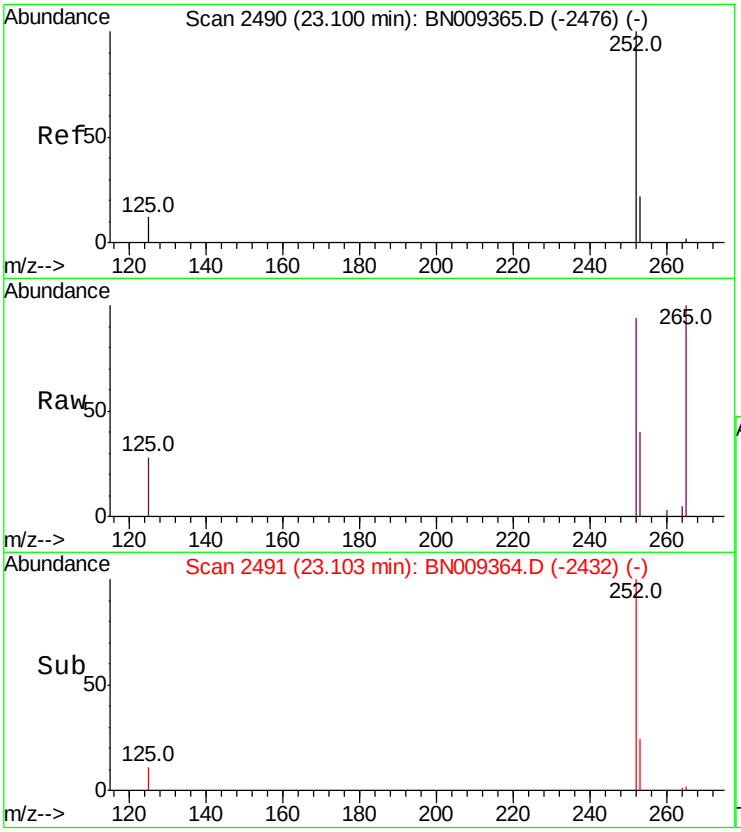


#36
Benzo(k)fluoranthene
Concen: 0.211 ng
RT: 22.61 min Scan# 2347
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:252 Resp: 4324

Ion	Ratio	Lower	Upper
252	100		
253	35.5	21.9	32.9#
125	22.3	12.0	18.0#



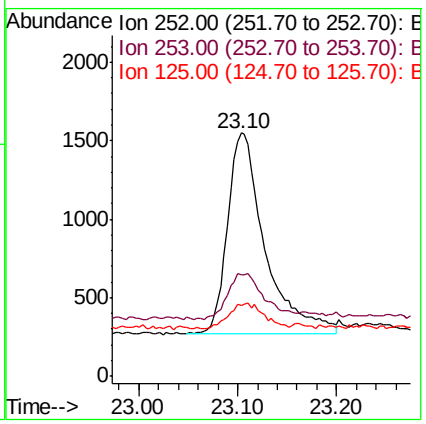


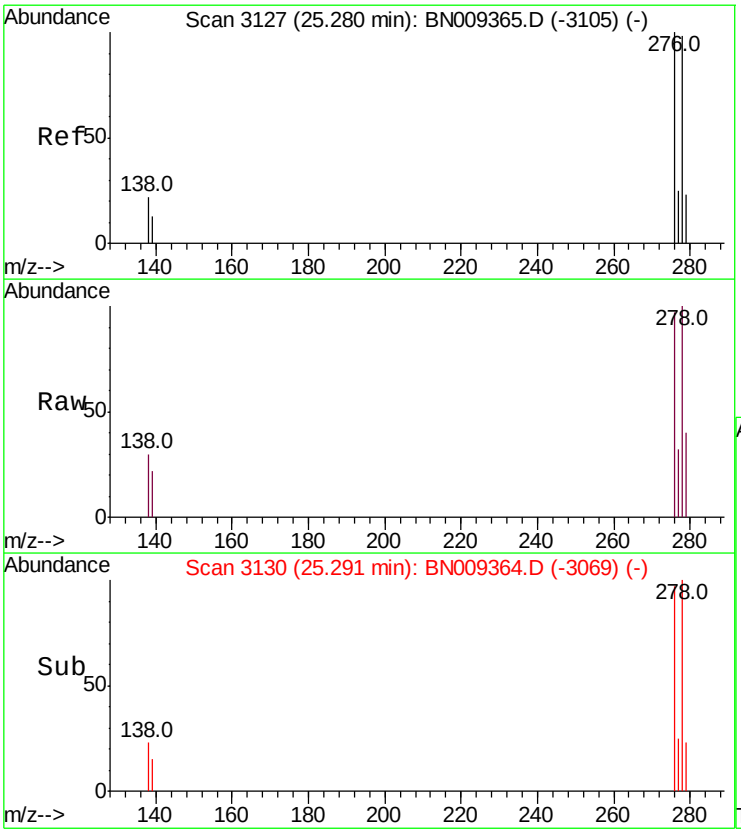
#37
Benzo(a)pyrene
Concen: 0.184 ng
RT: 23.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3356

Ion	Ratio	Lower	Upper
252	100		
253	41.9	25.4	38.0#
125	29.2	16.2	24.2#

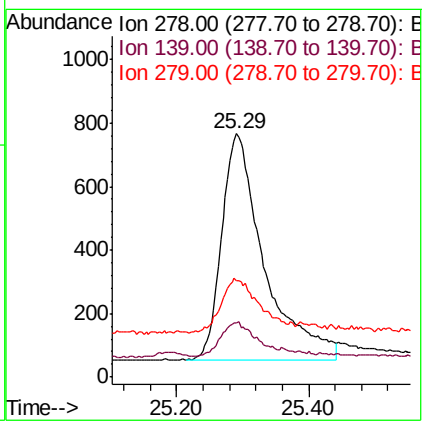


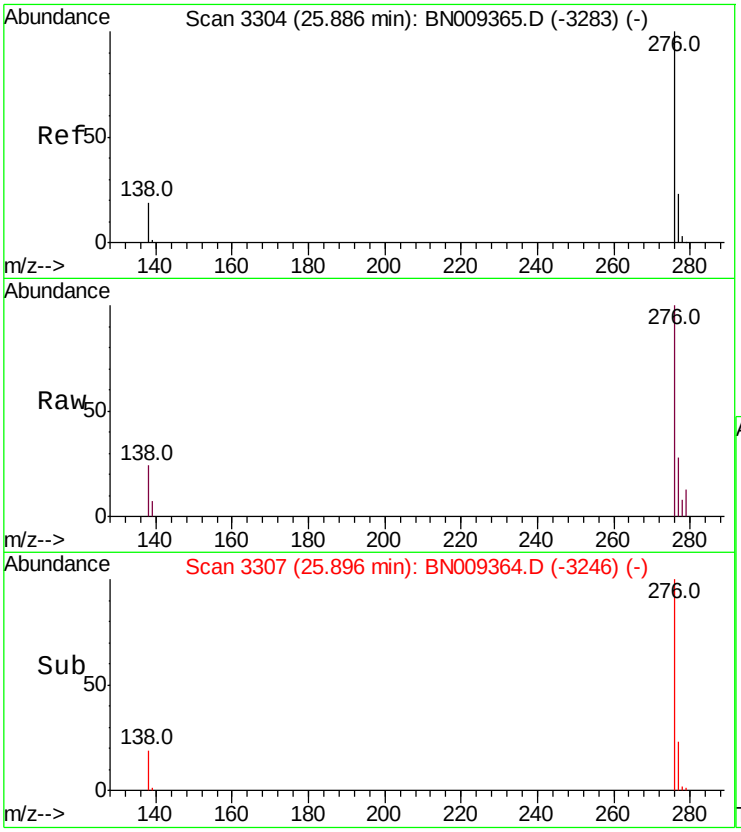


#38
Dibenzo(a,h)anthracene
Concen: 0.185 ng
RT: 25.29 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Tgt Ion:278 Resp: 3170

Ion	Ratio	Lower	Upper
278	100		
139	22.0	14.5	21.7#
279	39.8	24.2	36.4#





#39
Benzo(g,h,i)perylene
Concen: 0.226 ng
RT: 25.90 min Scan# 3307
Delta R.T. 0.01 min
Lab File: BN009364.D
Acq: 13 Jan 2020 15:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3816

Ion	Ratio	Lower	Upper
276	100		
277	28.3	20.6	30.8
138	23.8	17.1	25.7