Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
Data File : BN009383.D
Acq On : 16 Jan 2020 13:59
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jan 16 15:27:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration

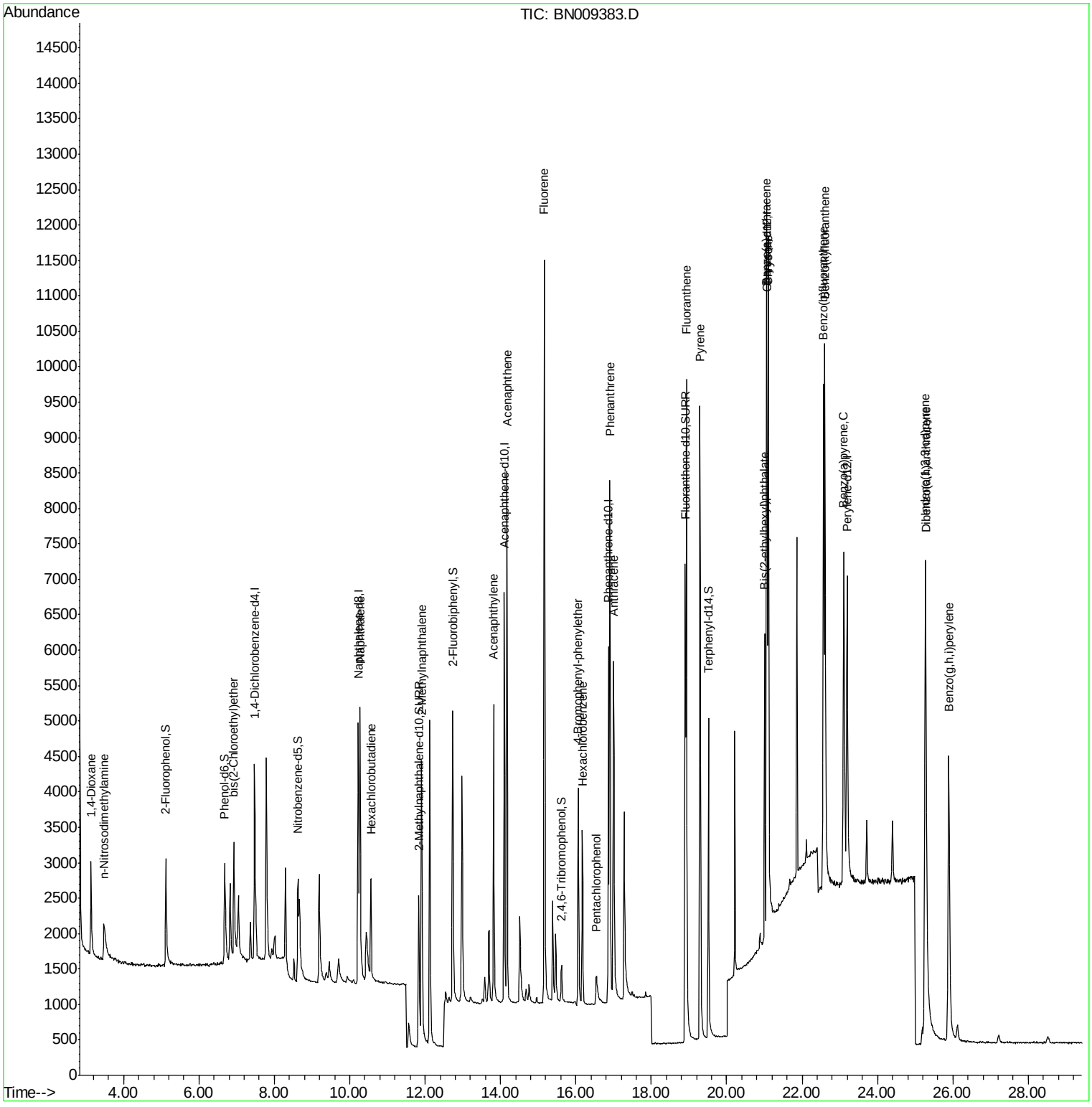
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1556	0.40	ng		0.00
7) Naphthalene-d8	10.23	136	5544	0.40	ng		0.00
13) Acenaphthene-d10	14.10	164	3370	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	7265	0.40	ng		0.00
27) Chrysene-d12	21.07	240	6422	0.40	ng		0.00
34) Perylene-d12	23.19	264	6597	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1481	0.41	ng		0.00
5) Phenol-d6	6.68	99	1759	0.42	ng		0.00
8) Nitrobenzene-d5	8.63	82	1645	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.83	152	4124	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.62	330	469	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.73	172	5021	0.40	ng		0.00
25) Fluoranthene-d10	18.90	212	9557	0.38	ng		0.00
29) Terphenyl-d14	19.52	244	6103	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	670	0.413	ng		98
3) n-Nitrosodimethylamine	3.48	42	807	0.322	ng	#	93
6) bis(2-Chloroethyl)ether	6.93	93	1578	0.370	ng		98
9) Naphthalene	10.28	128	6021	0.401	ng		98
10) Hexachlorobutadiene	10.57	225	1318	0.401	ng	#	96
12) 2-Methylnaphthalene	11.90	142	4127	0.395	ng		99
16) Acenaphthylene	13.82	152	5475	0.377	ng		100
17) Acenaphthene	14.17	154	4109	0.402	ng		98
18) Fluorene	15.16	166	5315	0.399	ng		98
20) 4-Bromophenyl-phenylether	16.06	248	1666	0.381	ng	#	90
21) Hexachlorobenzene	16.17	284	1814	0.389	ng		99
22) Pentachlorophenol	16.55	266	448	0.419	ng		100
23) Phenanthrene	16.90	178	8593	0.394	ng		99
24) Anthracene	17.00	178	6928	0.378	ng		99
26) Fluoranthene	18.93	202	9799	0.383	ng		100
28) Pyrene	19.29	202	9905	0.407	ng		100
30) Benzo(a)anthracene	21.06	228	7982	0.378	ng		97
31) Chrysene	21.10	228	9864	0.409	ng		99
32) Bis(2-ethylhexyl)phthalate	21.00	149	3529	0.378	ng		99
33) Indeno(1,2,3-cd)pyrene	25.26	276	10533	0.419	ng		99
35) Benzo(b)fluoranthene	22.56	252	9138	0.377	ng		99
36) Benzo(k)fluoranthene	22.61	252	11243	0.420	ng		99
37) Benzo(a)pyrene	23.10	252	8552	0.400	ng		97
38) Dibenzo(a,h)anthracene	25.28	278	8300	0.386	ng		98
39) Benzo(g,h,i)perylene	25.89	276	9197	0.389	ng		99

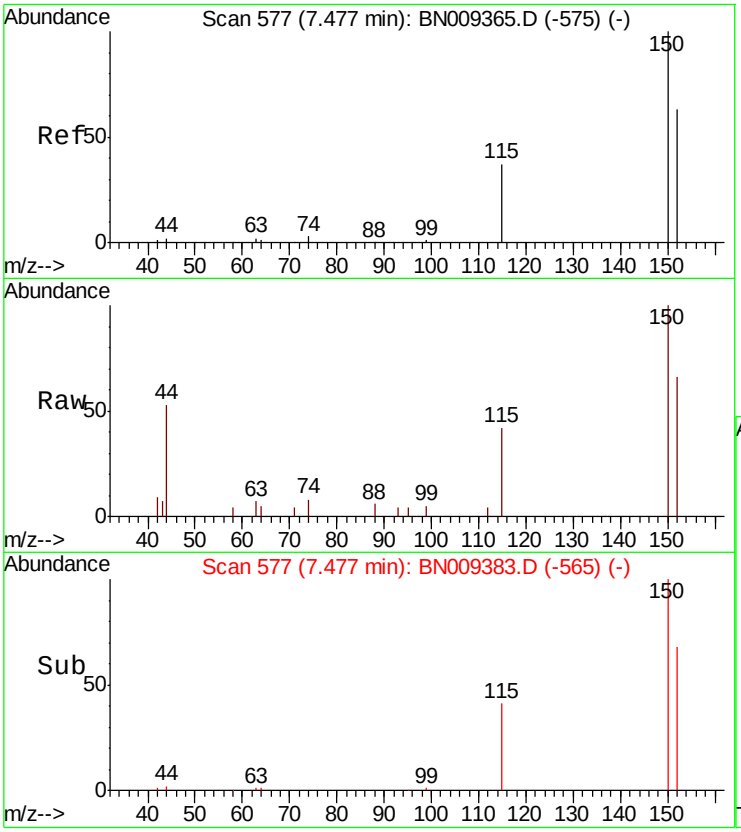
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
Data File : BN009383.D
Acq On : 16 Jan 2020 13:59
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 16 15:27:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration



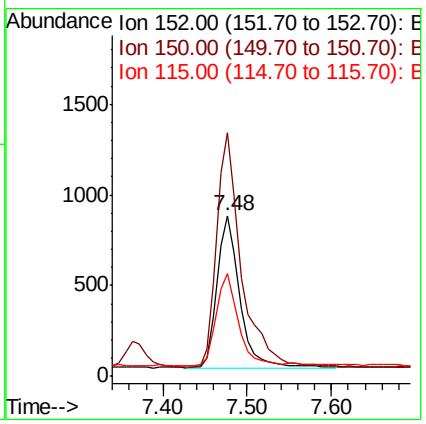


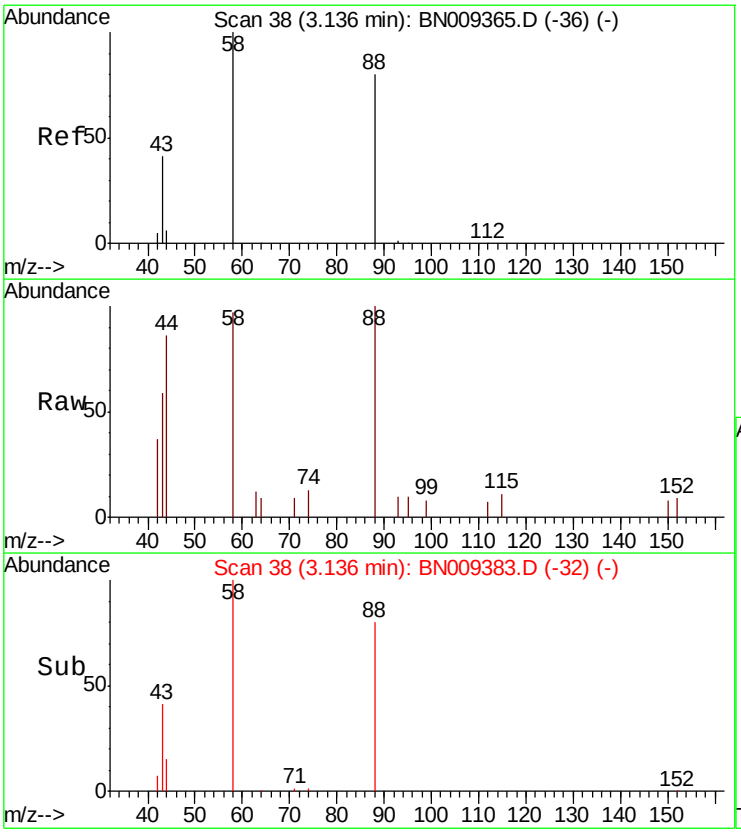
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1556

Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.7	188.5
115	63.8	53.3	79.9

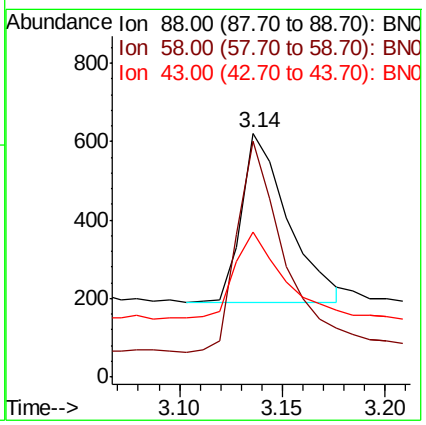


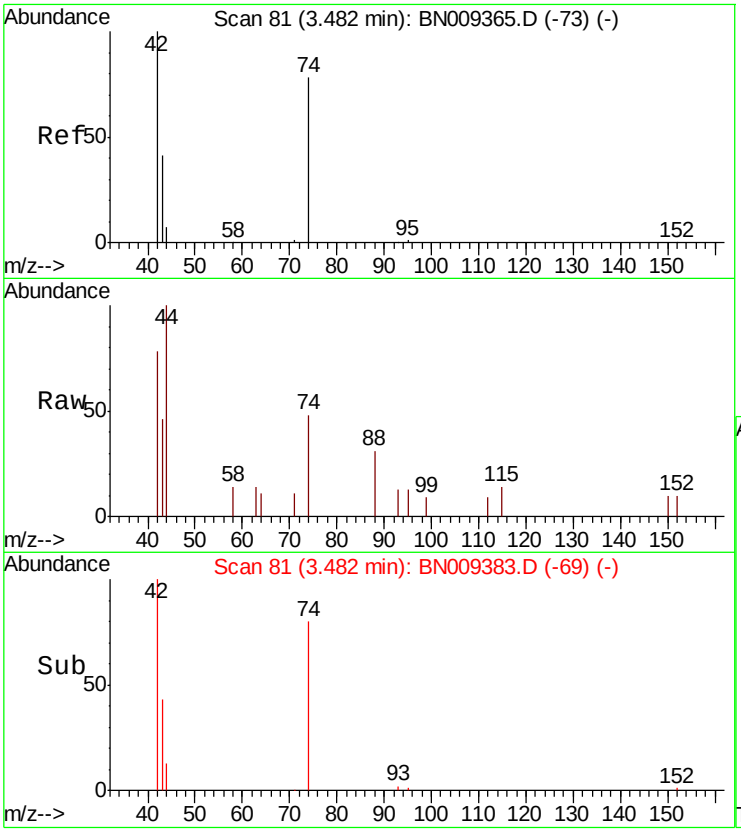


#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion: 88 Resp: 670

Ion	Ratio	Lower	Upper
88	100		
58	126.9	100.2	150.2
43	52.7	43.1	64.7



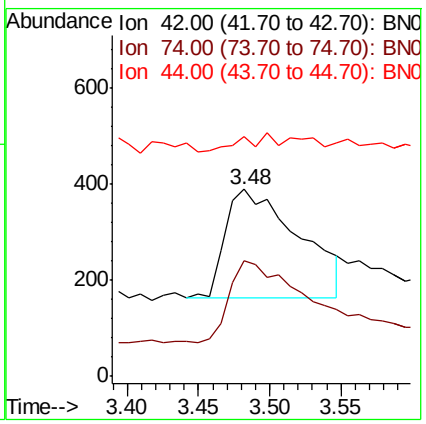


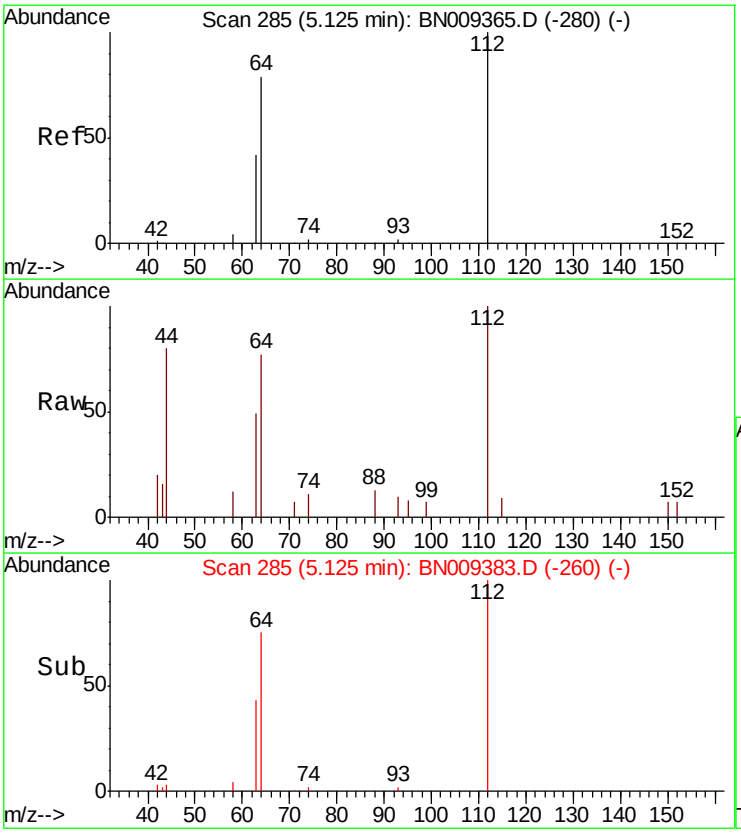
#3
n-Nitrosodimethylamine
Concen: 0.322 ng
RT: 3.48 min Scan# 81
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 807

Ion	Ratio	Lower	Upper
42	100		
74	72.4	55.8	83.8
44	3.0	11.1	16.7#

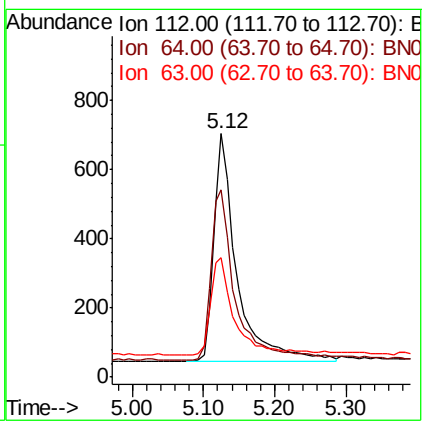


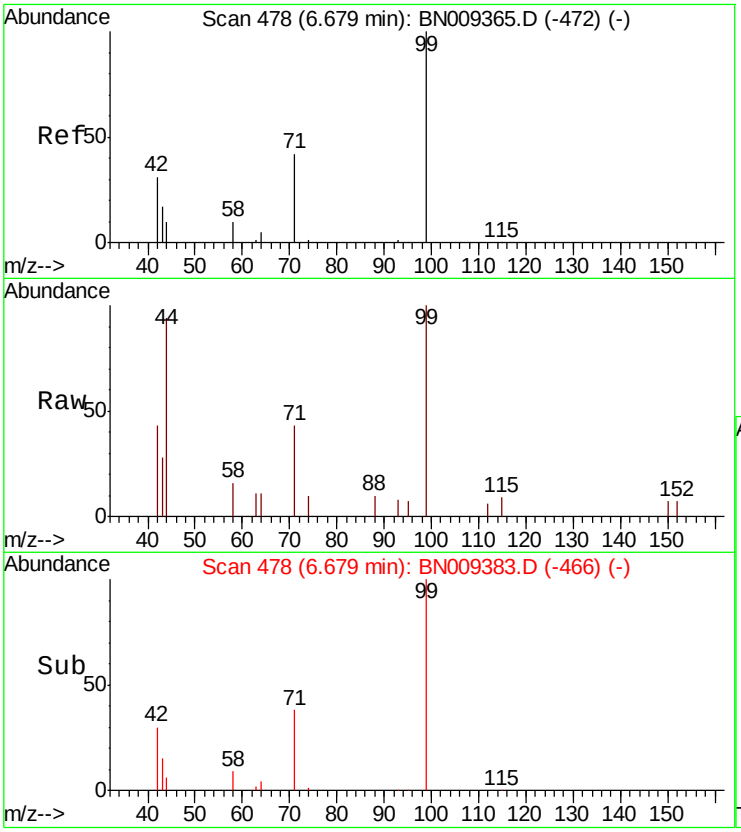


#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:112 Resp: 1481

Ion	Ratio	Lower	Upper
112	100		
64	77.2	61.5	92.3
63	41.7	35.0	52.4



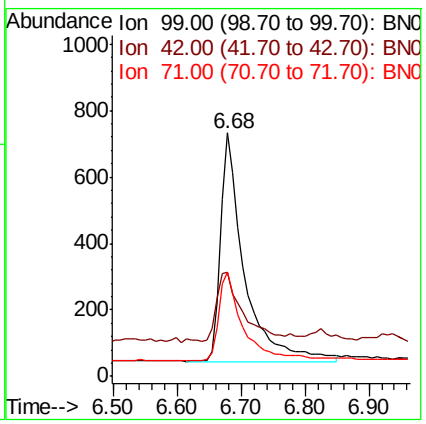


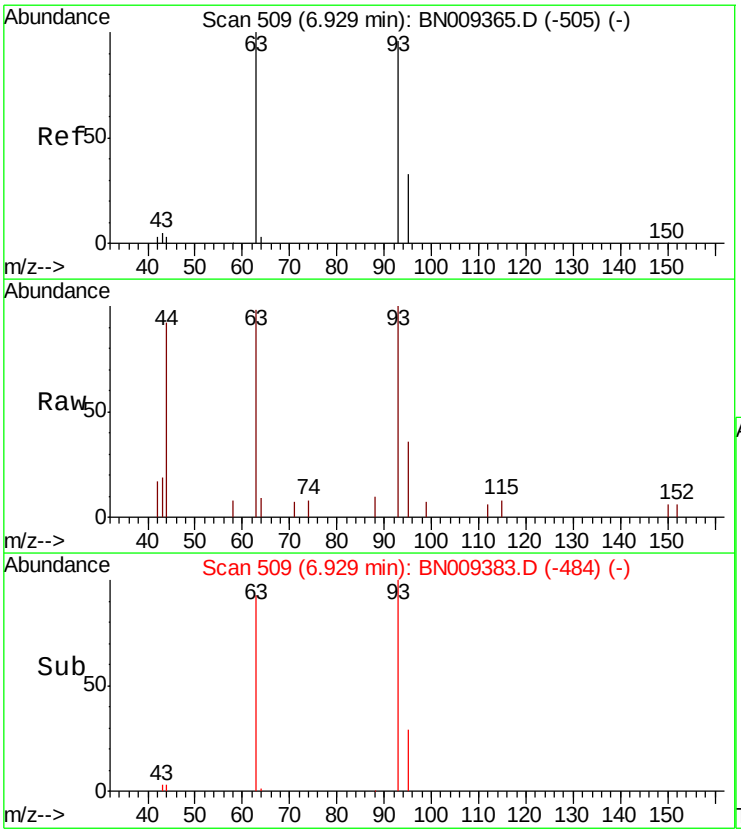
#5
Phenol-d6
Concen: 0.424 ng
RT: 6.68 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1759

Ion	Ratio	Lower	Upper
99	100		
42	33.1	27.6	41.4
71	39.1	33.0	49.6

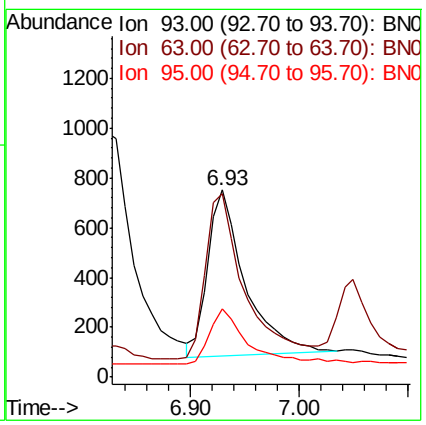


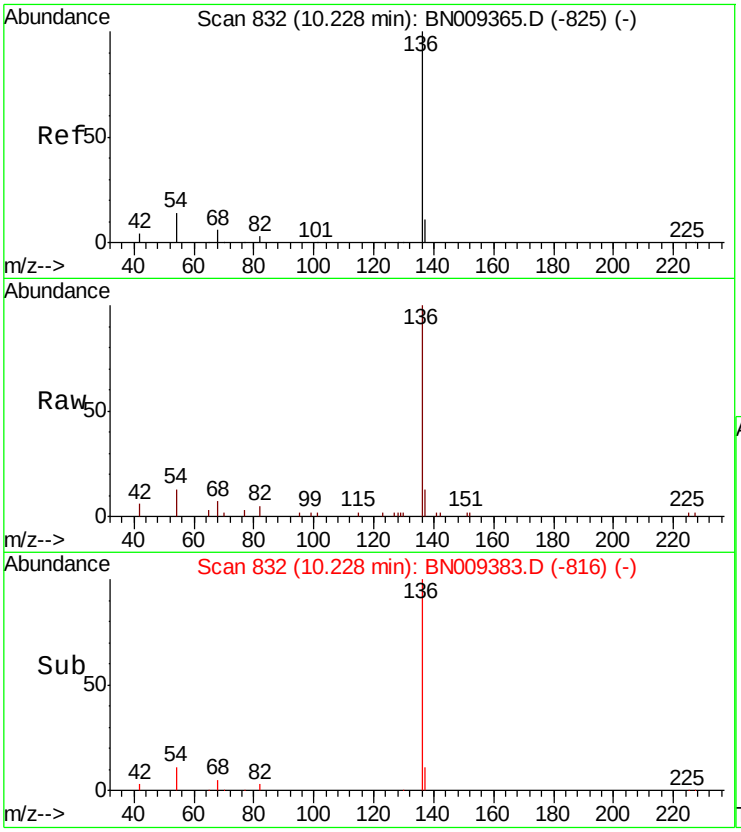


#6
bis(2-Chloroethyl)ether
Concen: 0.370 ng
RT: 6.93 min Scan# 509
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion: 93 Resp: 1578

Ion	Ratio	Lower	Upper
93	100		
63	105.1	85.1	127.7
95	35.4	30.2	45.4



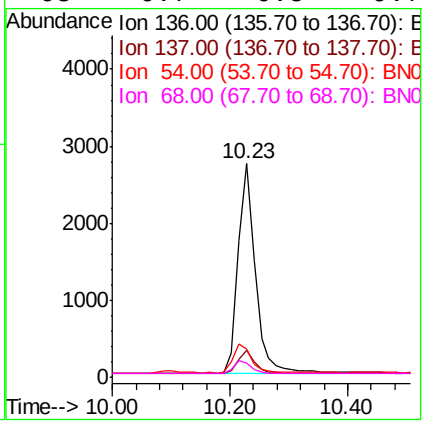


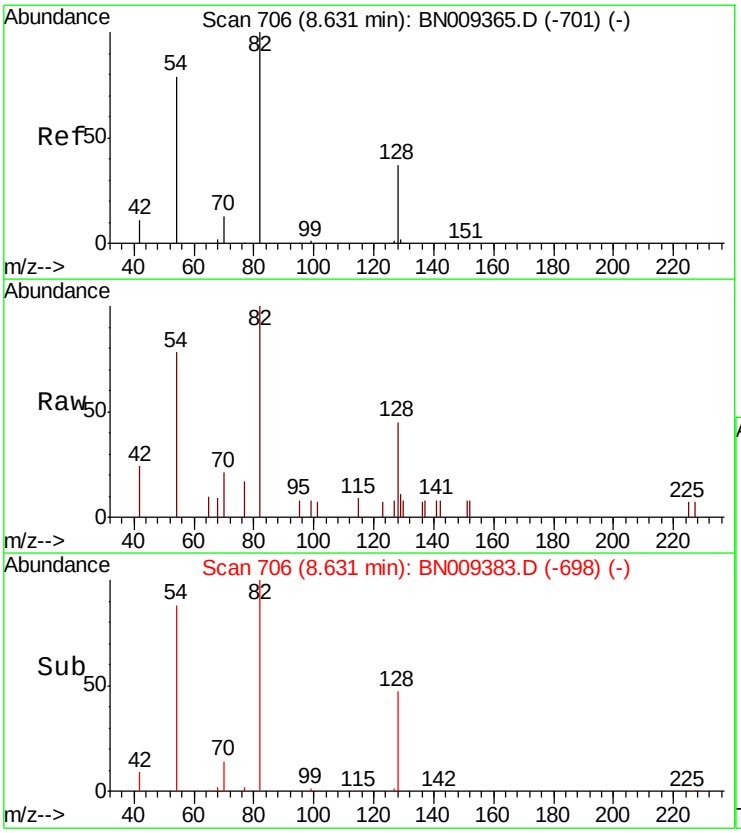
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5544

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.3	15.5
54	13.3	12.6	19.0
68	6.7	6.5	9.7

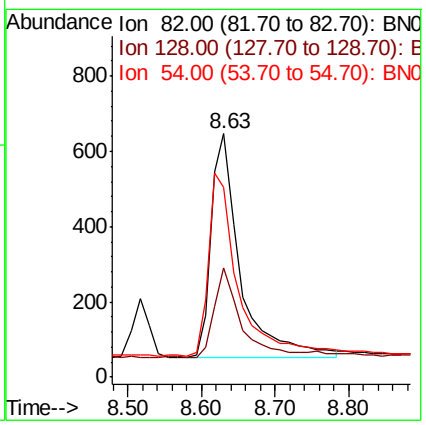


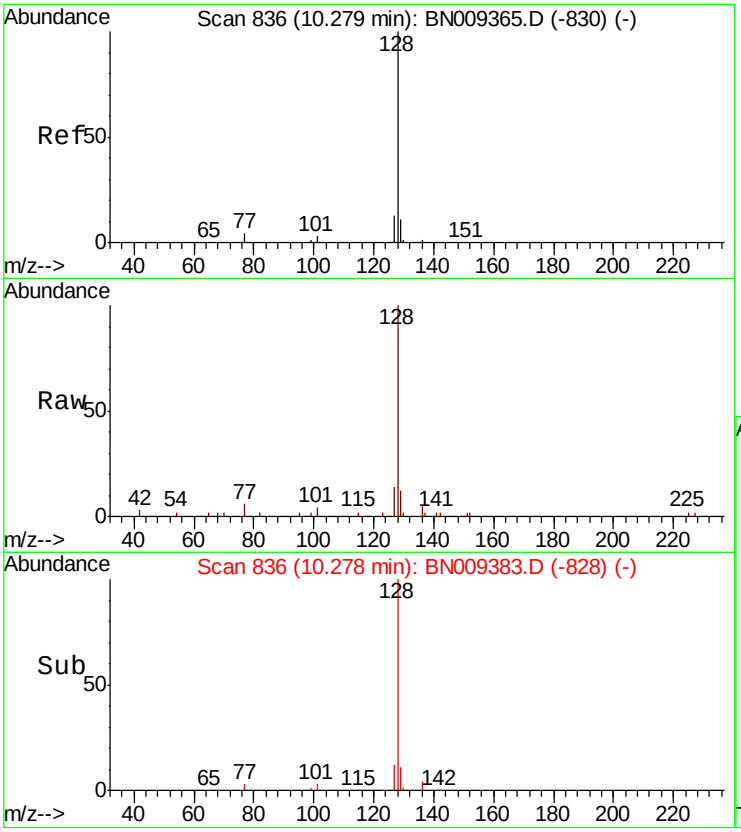


#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.63 min Scan# 706
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion: 82 Resp: 1645

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.8	52.2
54	78.2	65.8	98.6



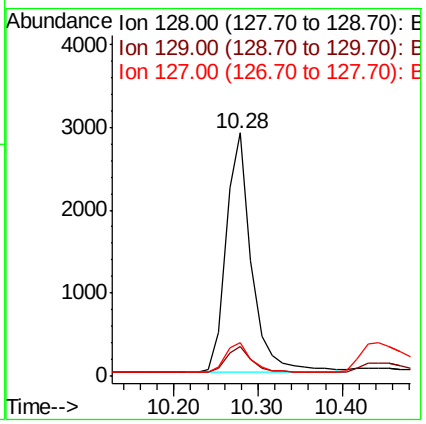


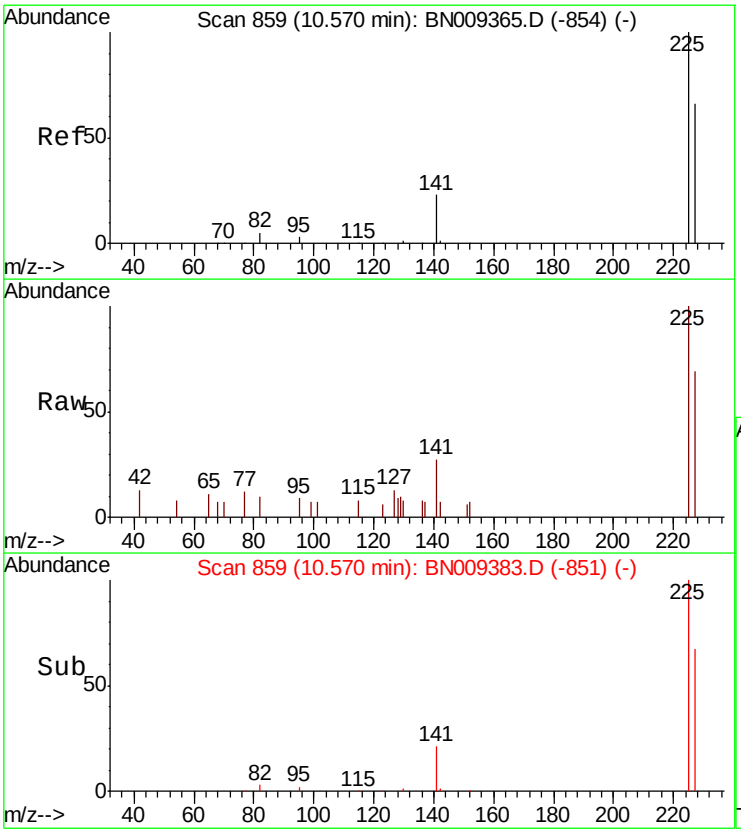
#9
Naphthalene
Concen: 0.401 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 6021

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.4	15.6
127	13.6	11.4	17.2

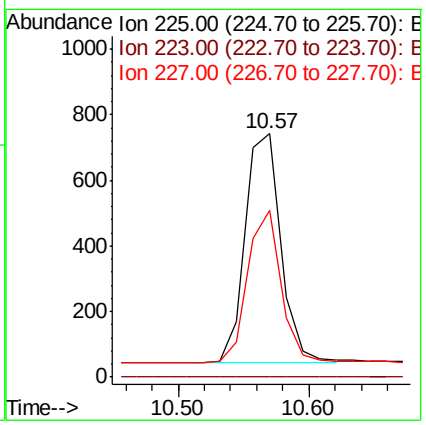


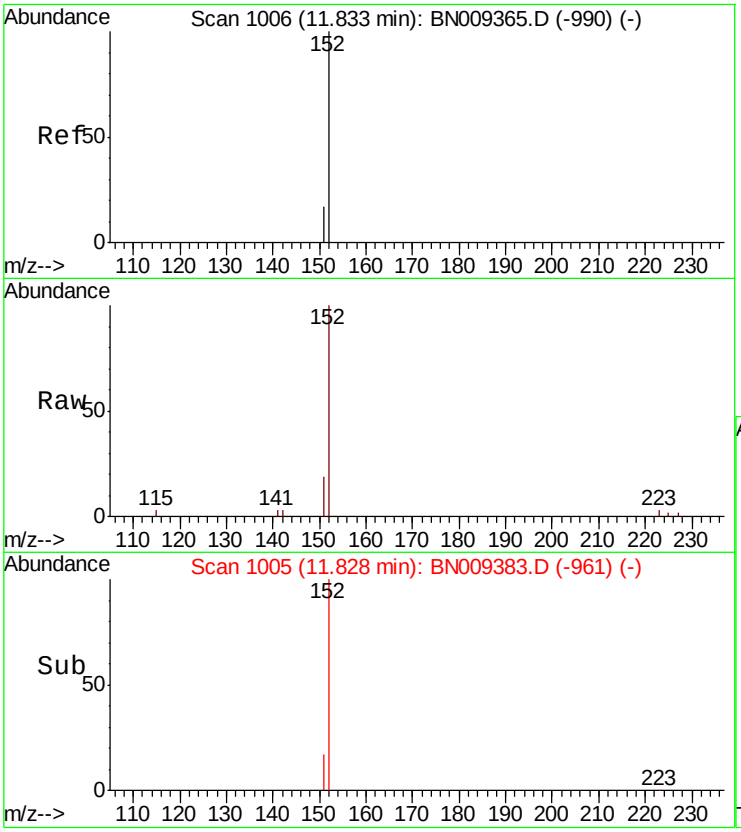


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:225 Resp: 1318

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.4	52.6	78.8



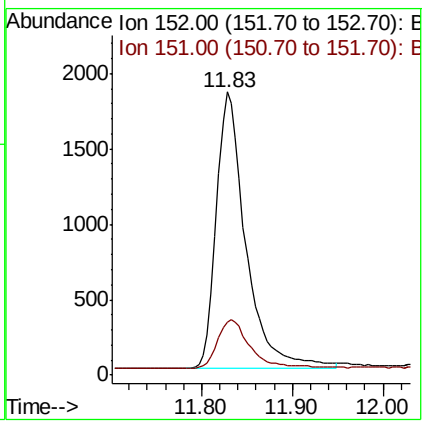


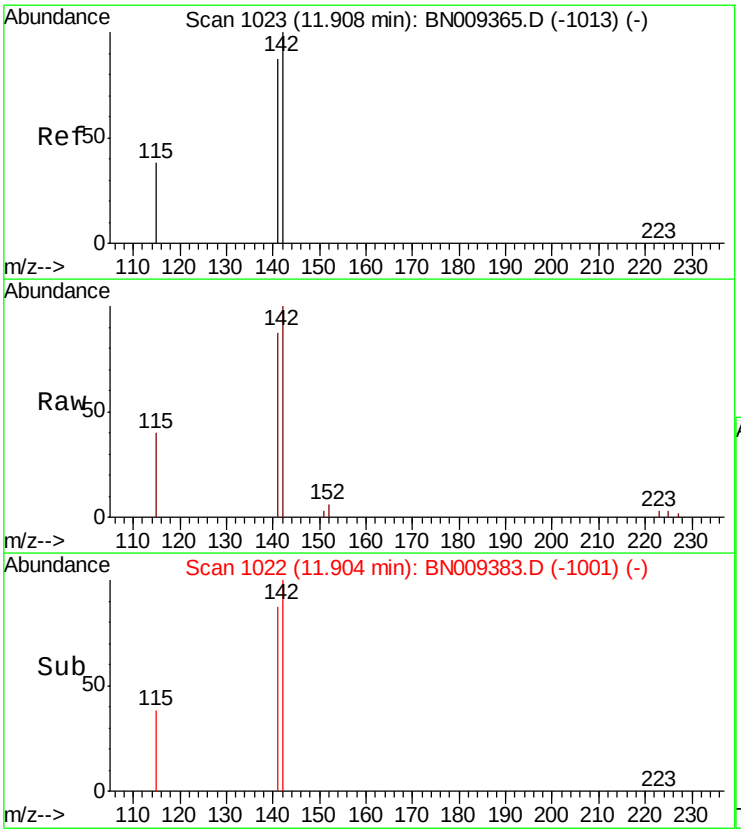
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4124

Ion	Ratio	Lower	Upper
152	100		
151	19.4	14.8	22.2

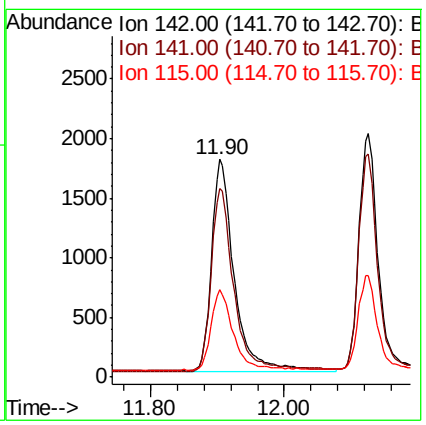


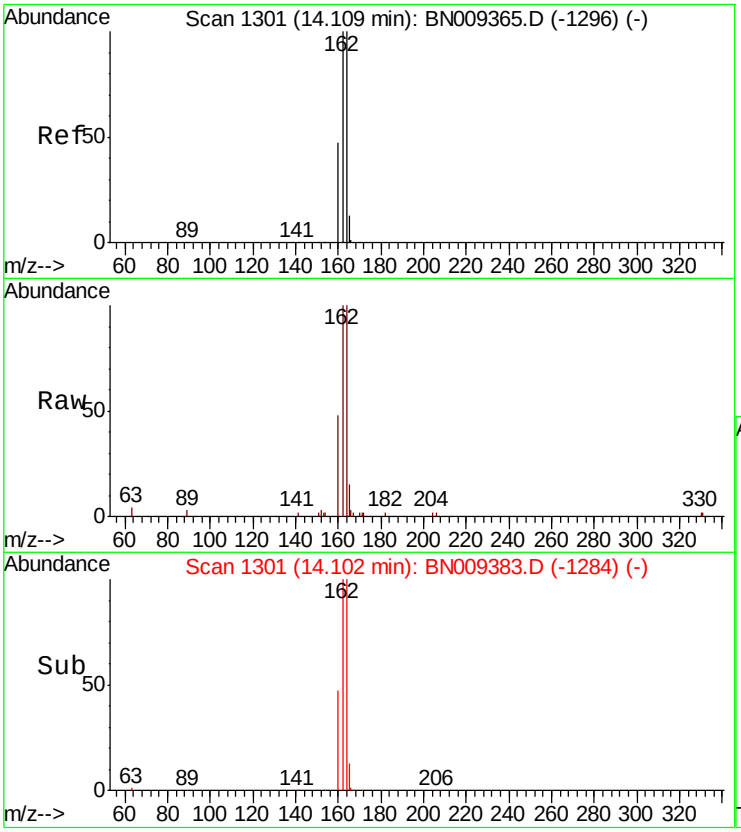


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 11.90 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:142 Resp: 4127

Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.8	104.6
115	40.0	32.5	48.7



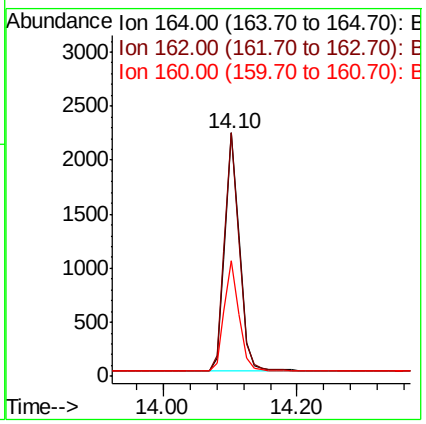


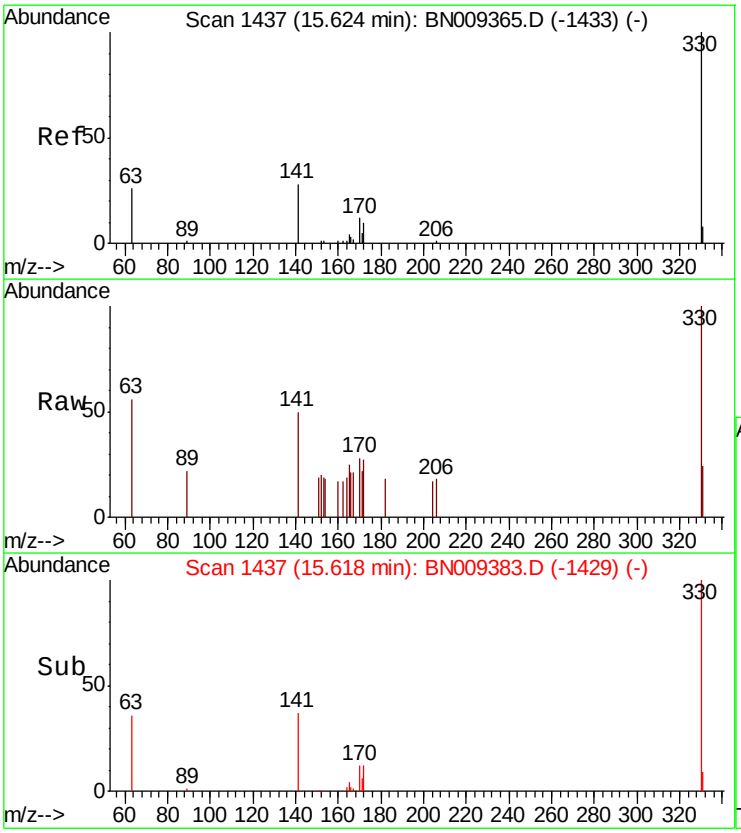
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3370

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.8	119.6
160	47.7	38.4	57.6

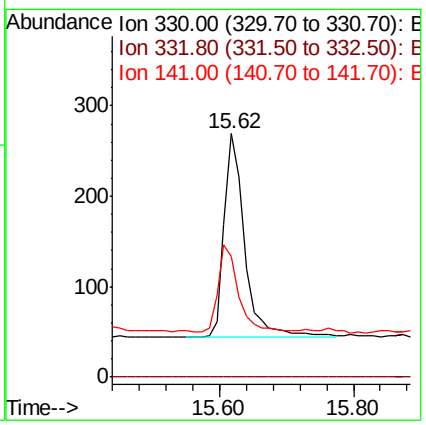


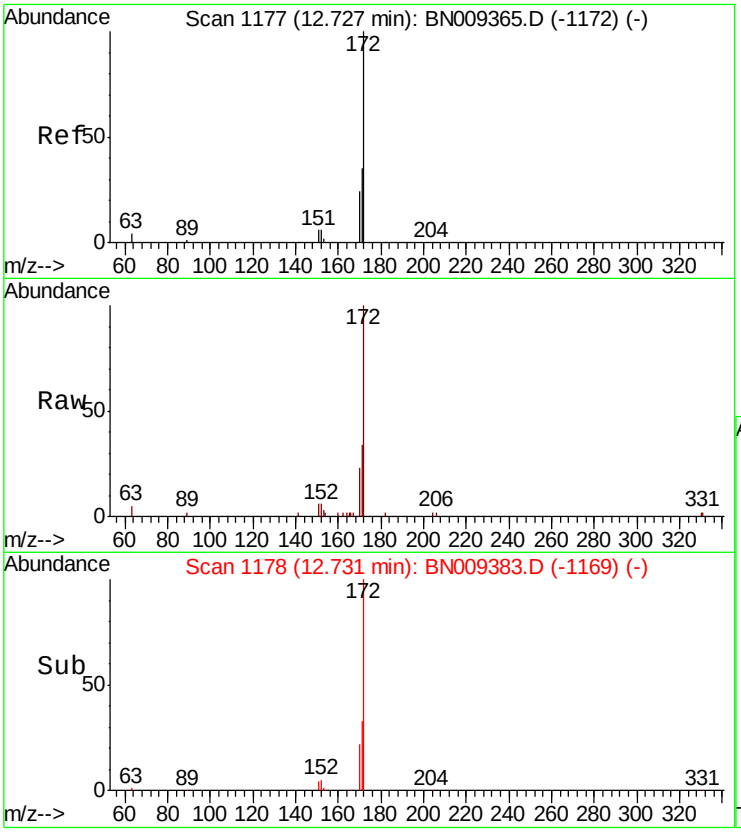


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.62 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:330 Resp: 469

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.1	33.1	49.7



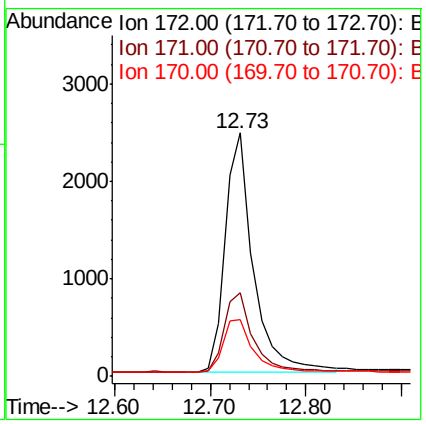


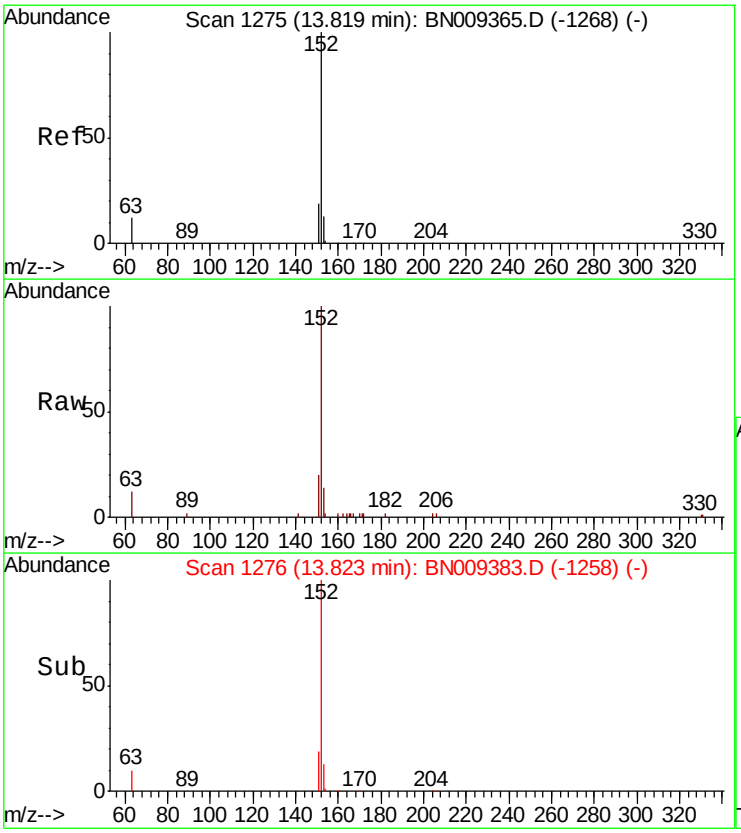
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.73 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5021

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.5	44.3
170	23.1	20.7	31.1

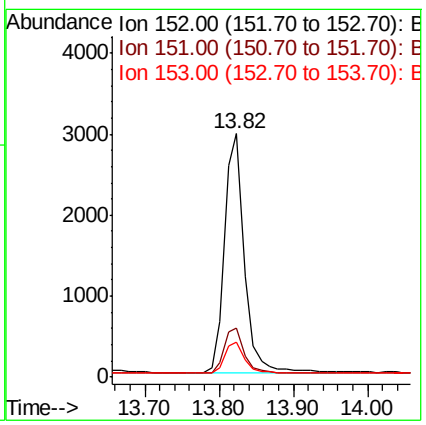


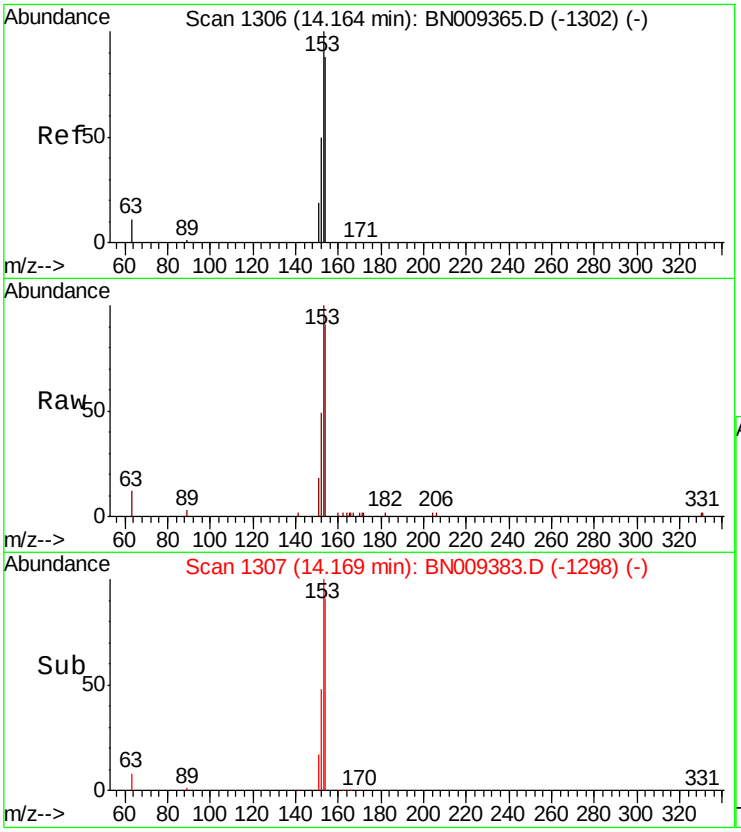


#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.82 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:152 Resp: 5475

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.2	10.4	15.6



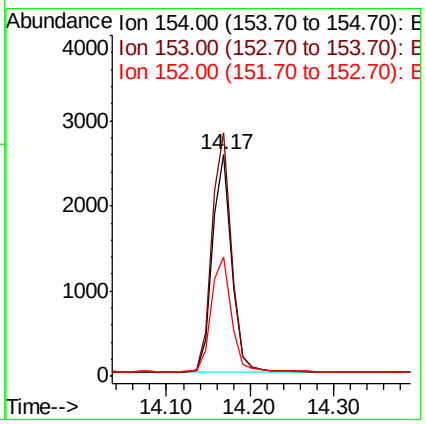


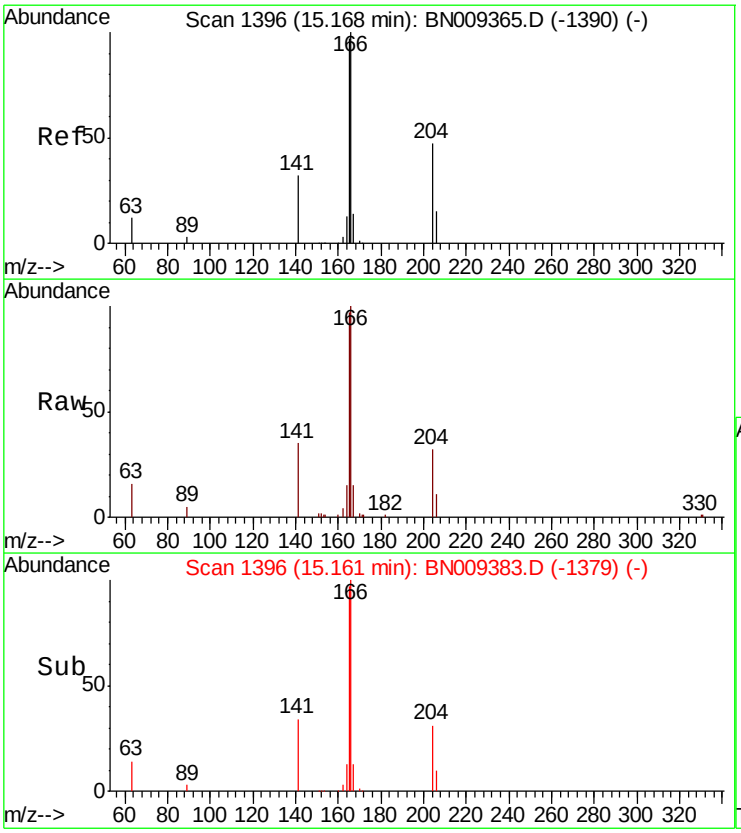
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4109

Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.5	135.7
152	54.7	45.3	67.9

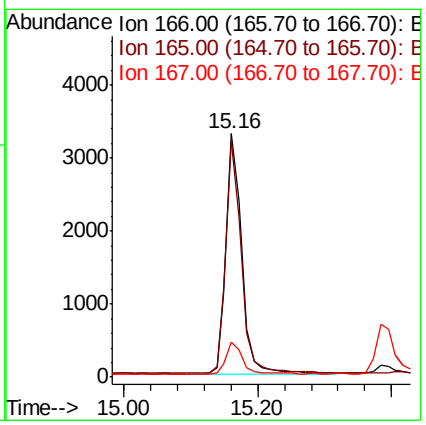


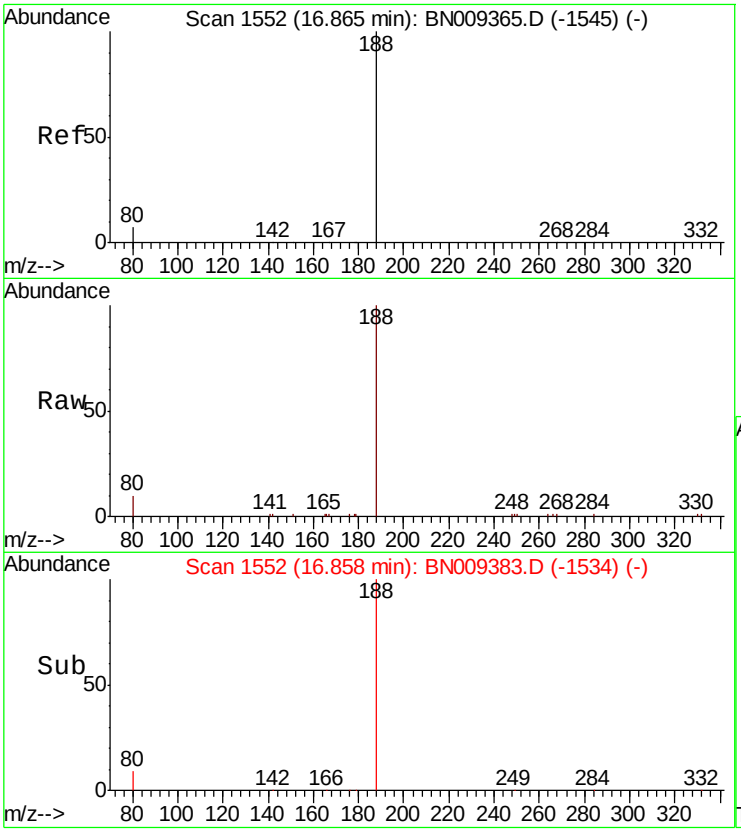


#18
Fluorene
Concen: 0.399 ng
RT: 15.16 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:166 Resp: 5315

Ion	Ratio	Lower	Upper
166	100		
165	95.8	78.2	117.2
167	13.4	11.0	16.6



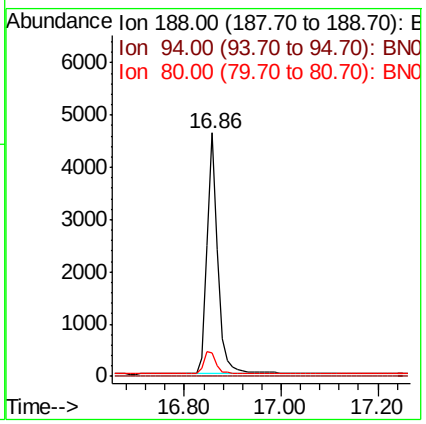


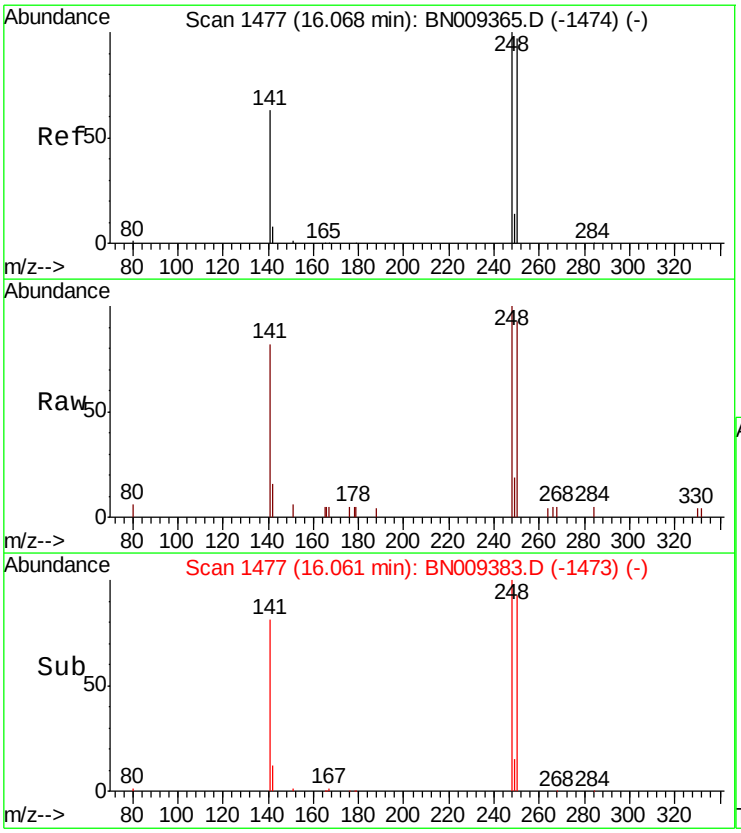
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7265

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	6.6	10.0

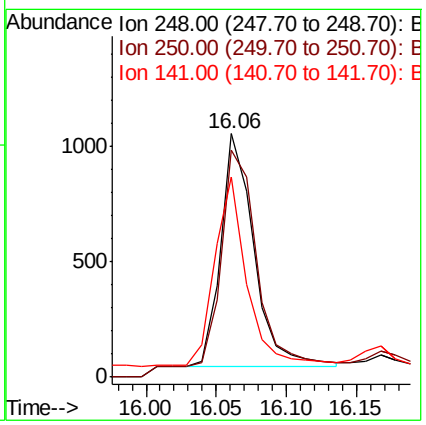


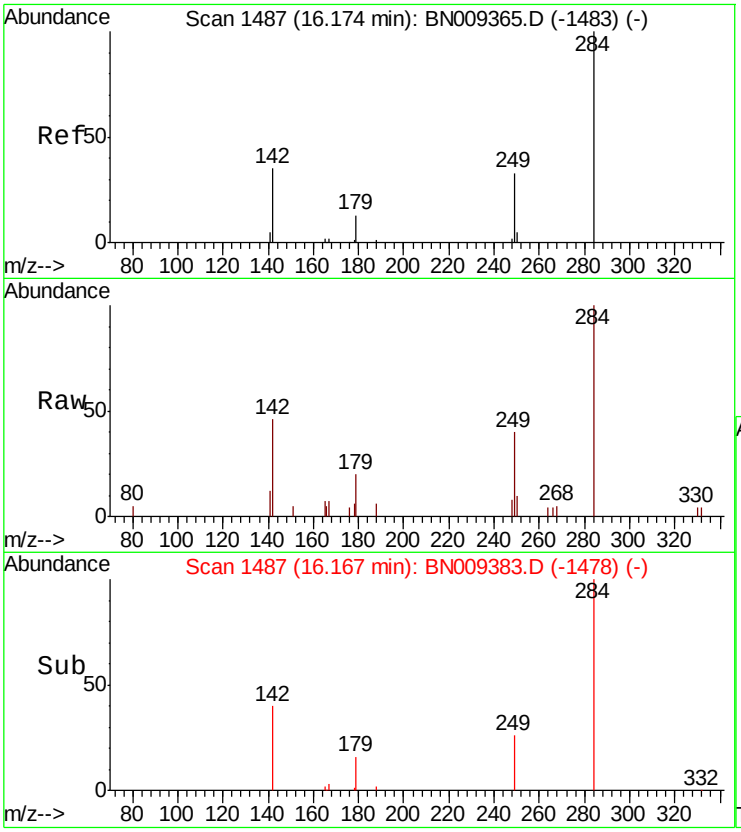


#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.06 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:248 Resp: 1666

Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.8	116.8
141	82.3	53.4	80.0#



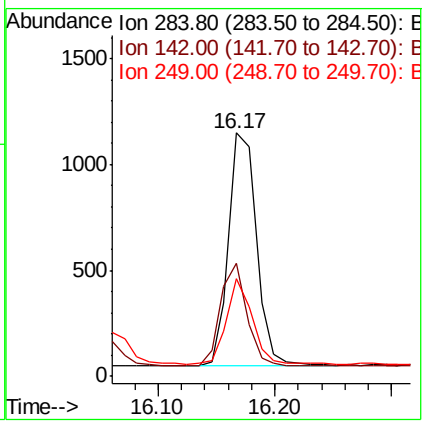


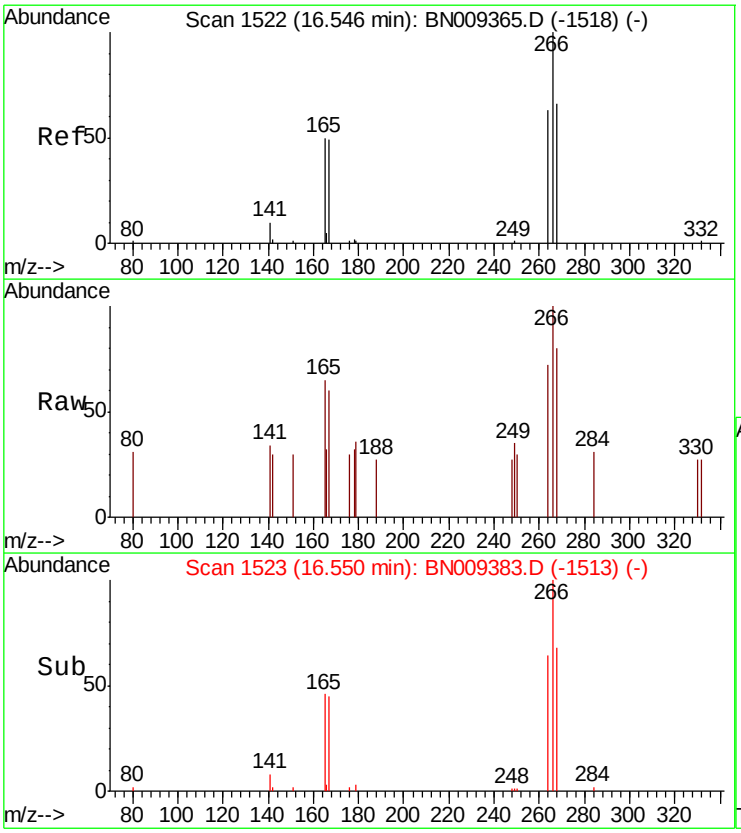
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1814

Ion	Ratio	Lower	Upper
284	100		
142	42.6	33.8	50.8
249	33.0	27.0	40.4

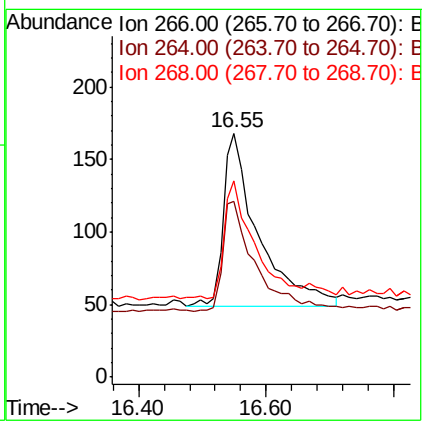


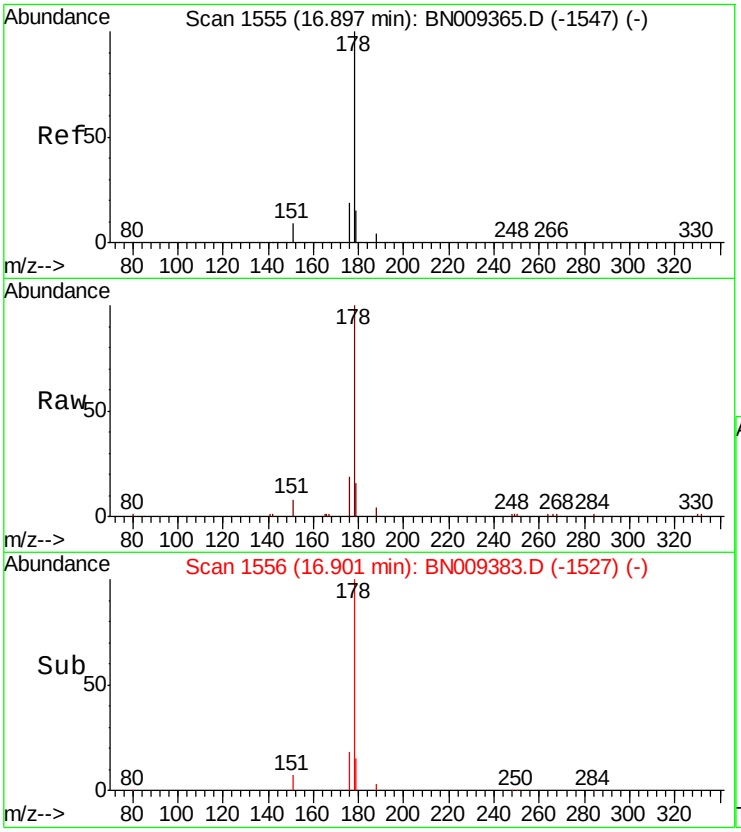


#22
Pentachlorophenol
Concen: 0.419 ng
RT: 16.55 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:266 Resp: 448

Ion	Ratio	Lower	Upper
266	100		
264	72.0	57.8	86.6
268	80.4	63.8	95.6



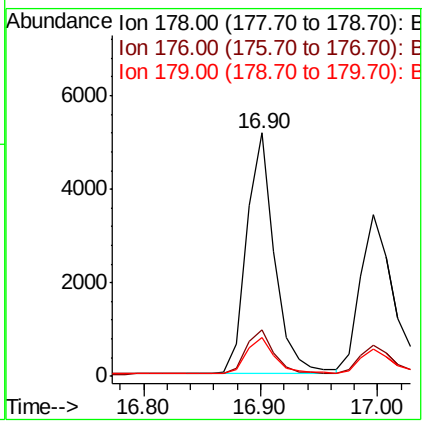


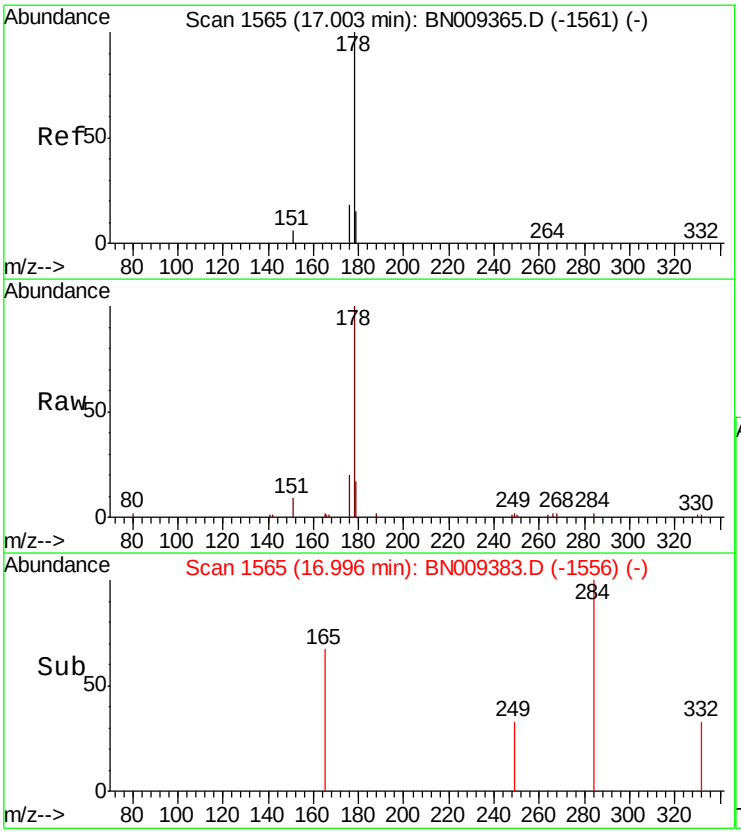
#23
Phenanthrene
Concen: 0.394 ng
RT: 16.90 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 8593

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.3	12.3	18.5

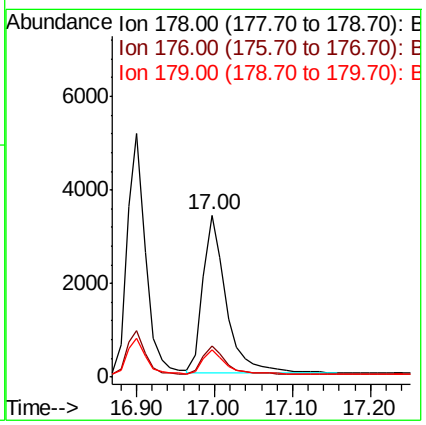


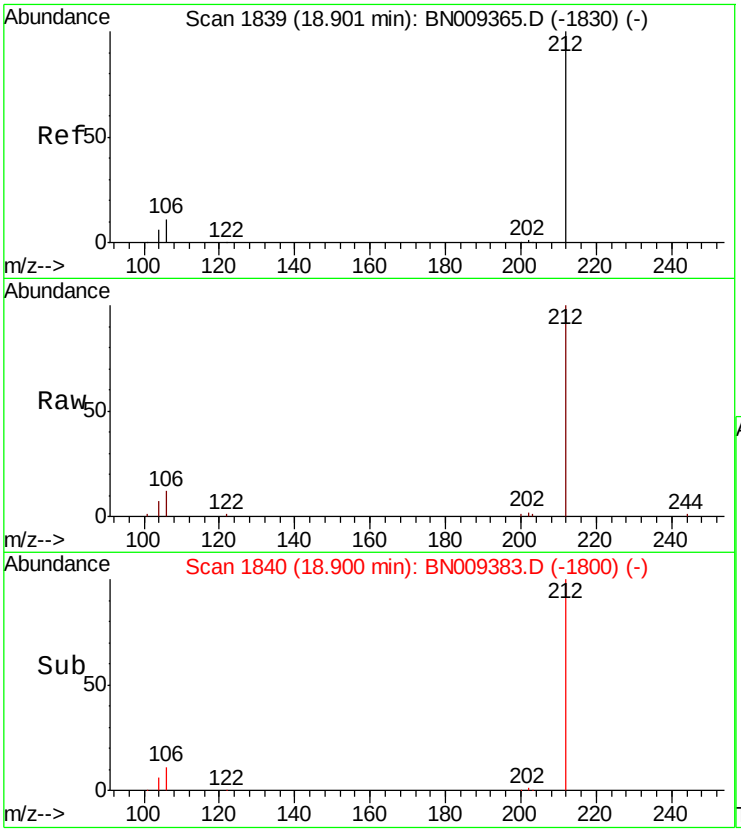


#24
Anthracene
Concen: 0.378 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:178 Resp: 6928

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	14.9	12.5	18.7



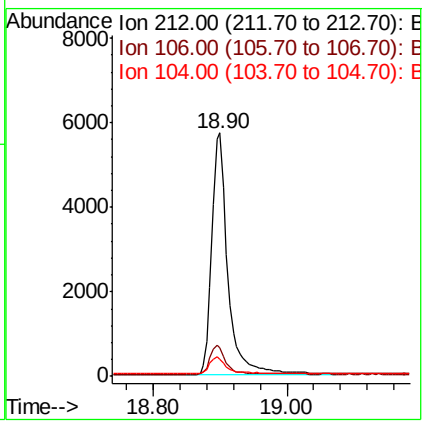


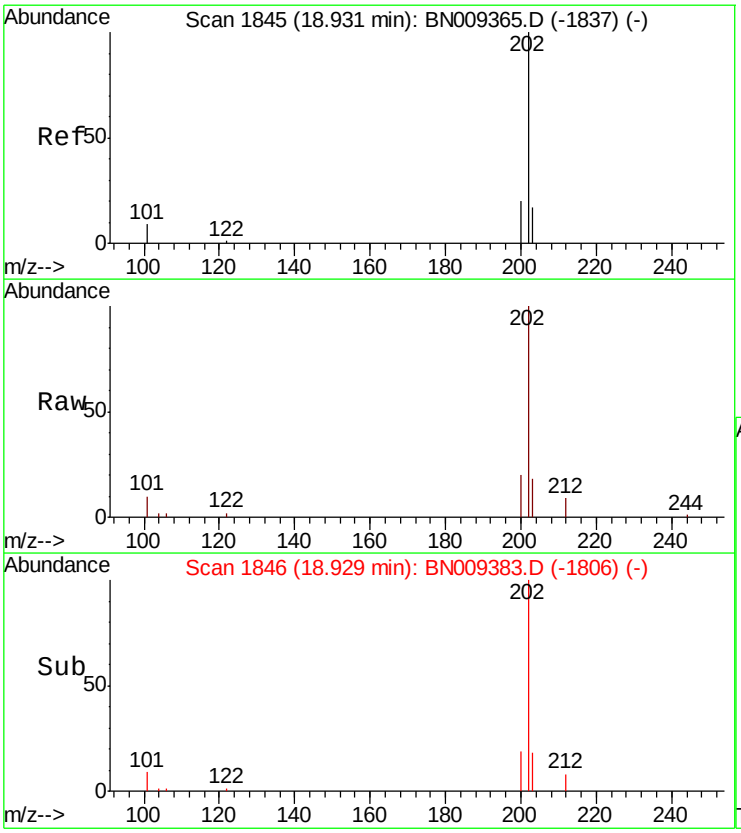
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 18.90 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 9557

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.2	13.8
104	7.0	5.4	8.0

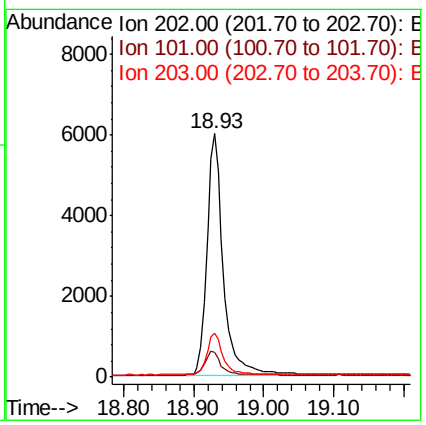


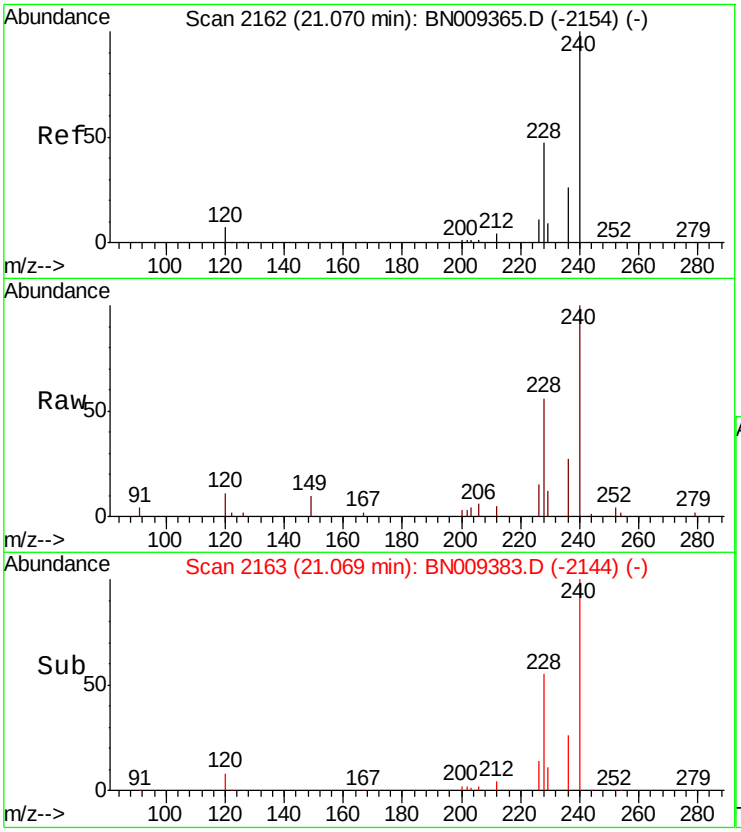


#26
Fluoranthene
Concen: 0.383 ng
RT: 18.93 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:202 Resp: 9799

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.0	12.0
203	16.9	13.5	20.3



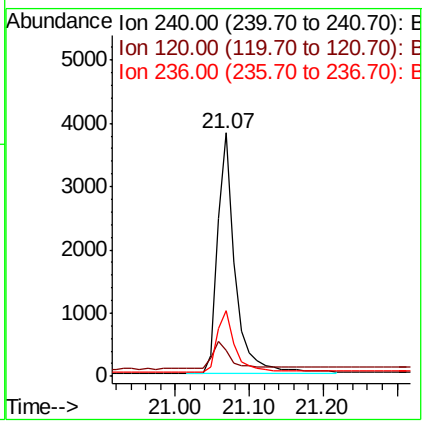


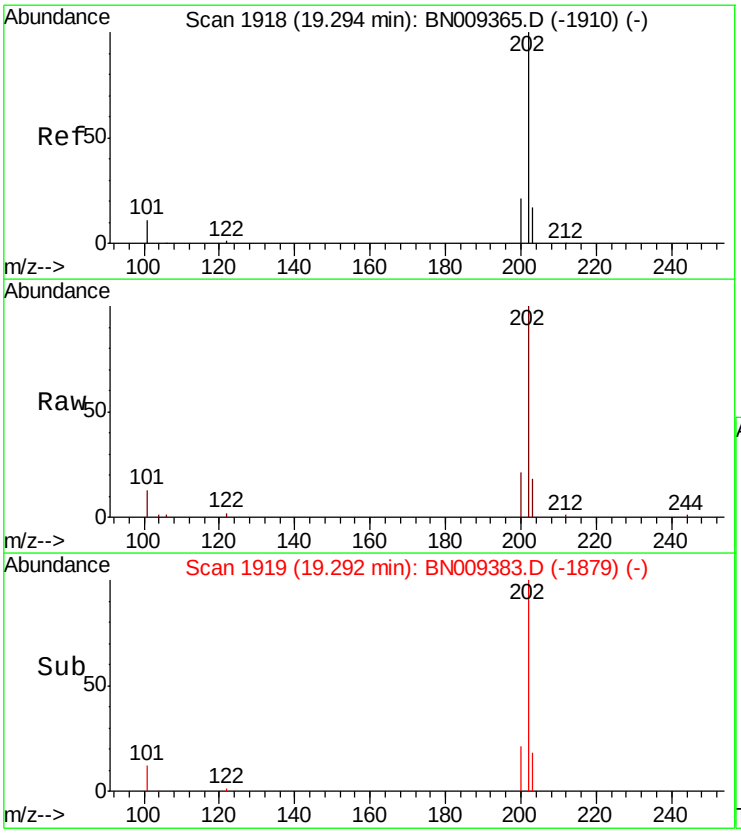
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 6422

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.1	22.2	33.4

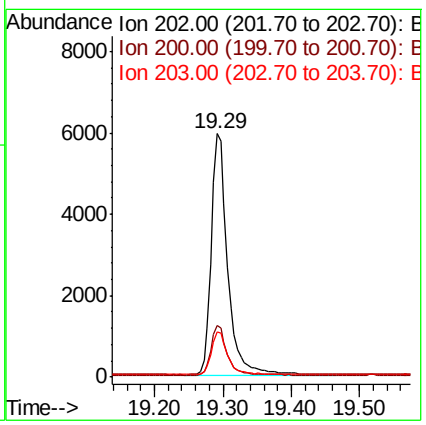


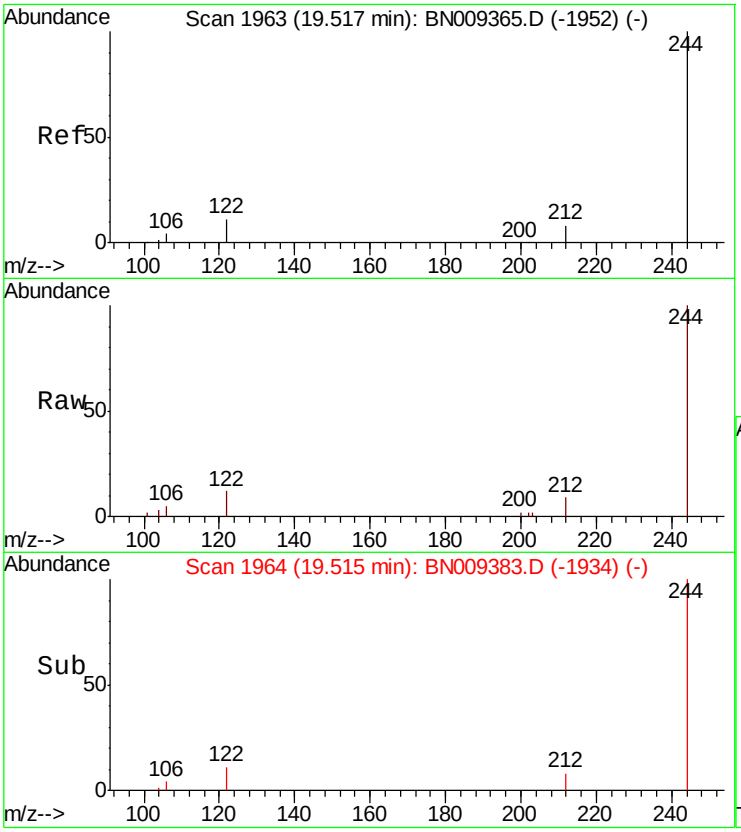


#28
Pyrene
Concen: 0.407 ng
RT: 19.29 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:202 Resp: 9905

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.6	14.1	21.1



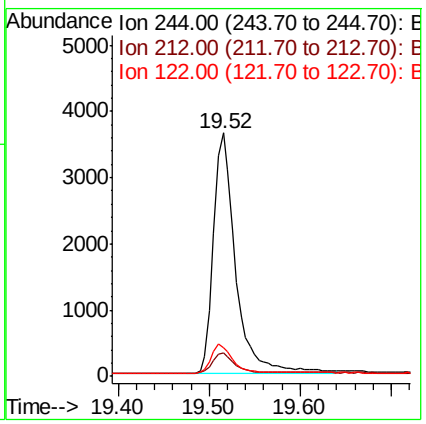


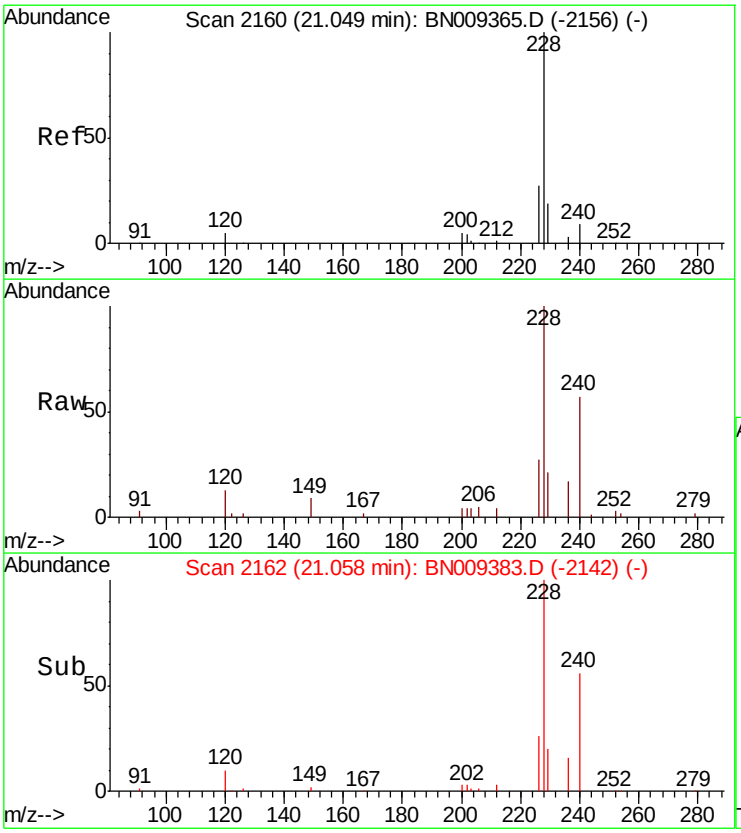
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.52 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6103

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.5	11.3
122	12.0	9.8	14.6

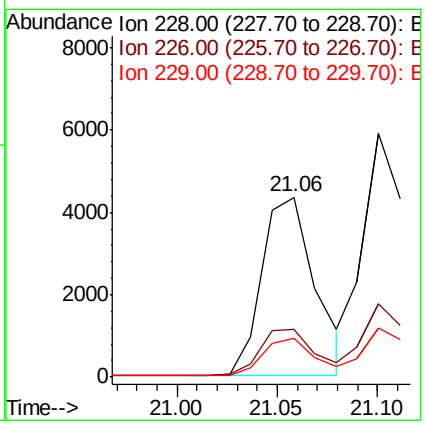


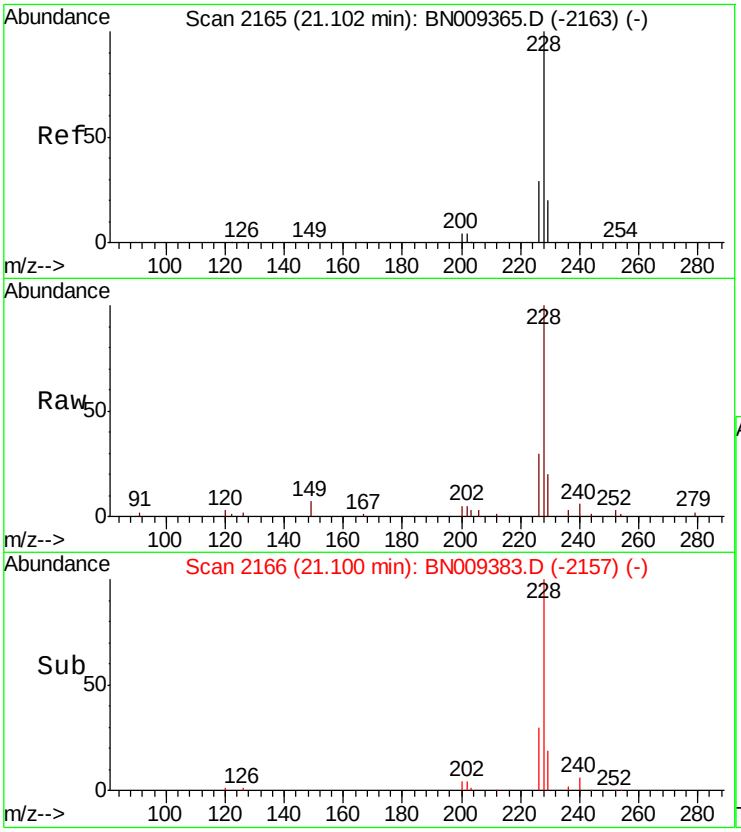


#30
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:228 Resp: 7982

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.5	33.7
229	21.4	16.1	24.1



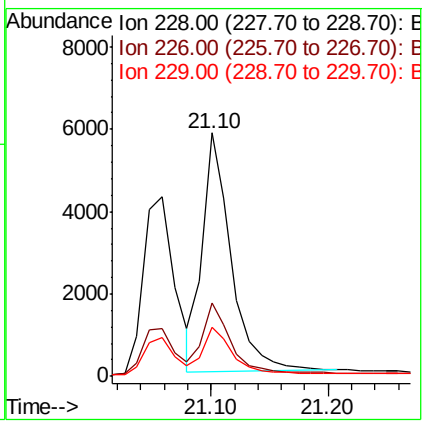


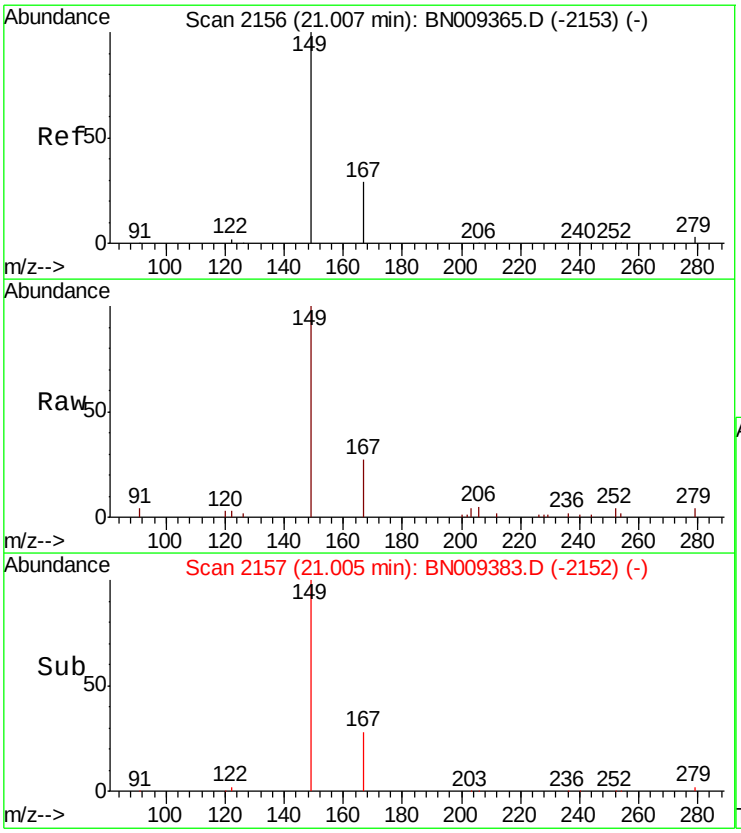
#31
Chrysene
Concen: 0.409 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9864

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	20.1	16.6	24.8

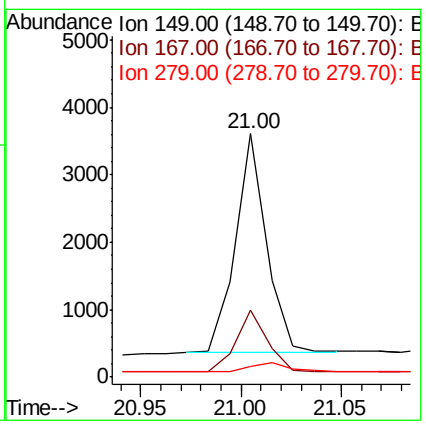


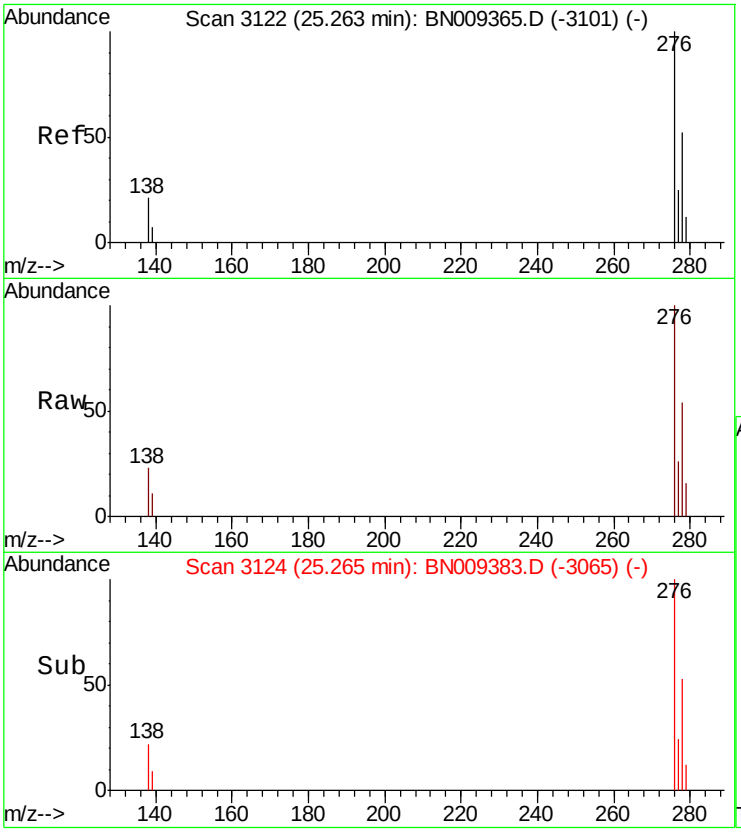


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.378 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:149 Resp: 3529

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.4	3.4	5.0



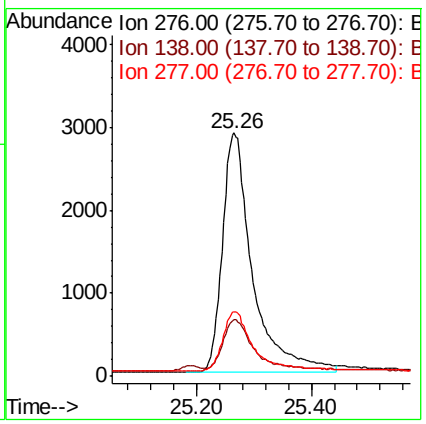


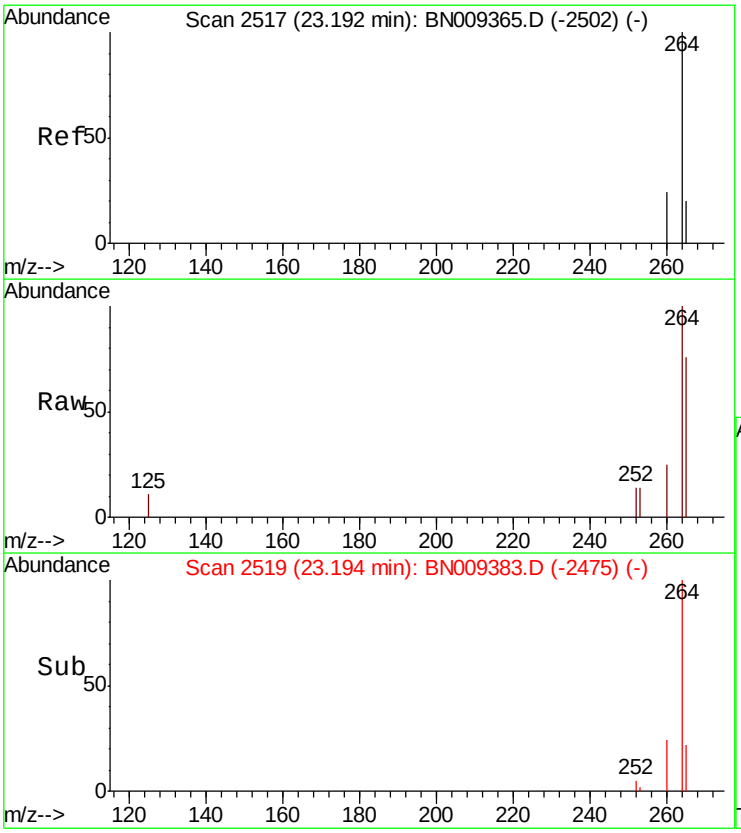
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng
RT: 25.26 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10533

Ion	Ratio	Lower	Upper
276	100		
138	20.9	15.9	23.9
277	24.5	19.8	29.6

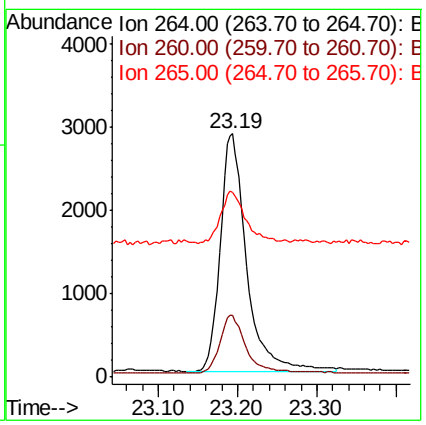


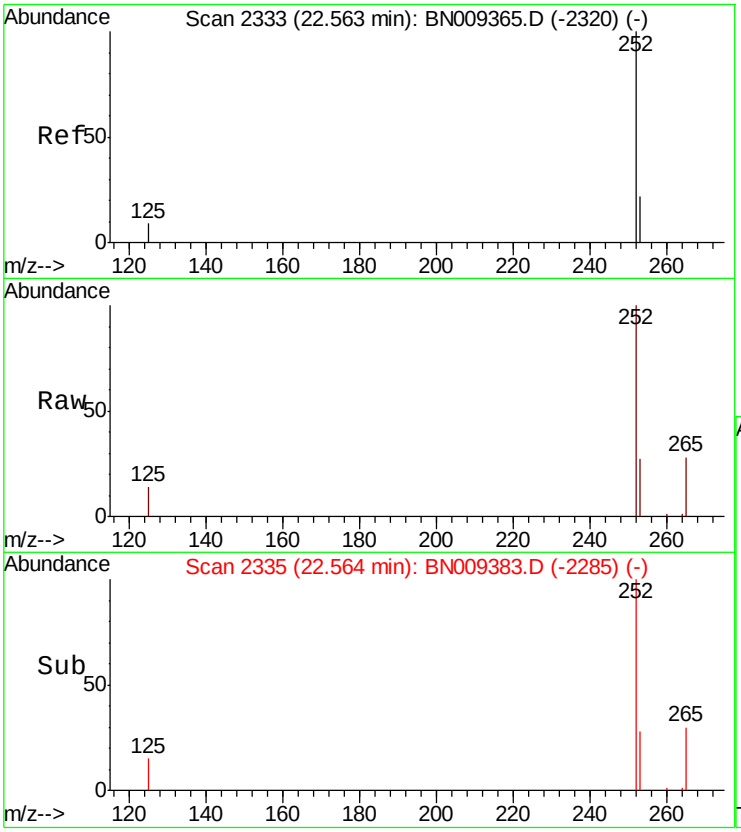


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:264 Resp: 6597

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	76.1	68.2	102.4



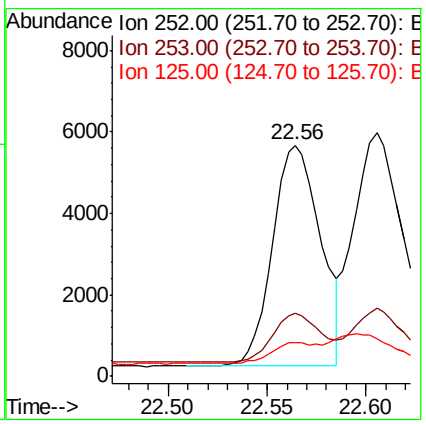


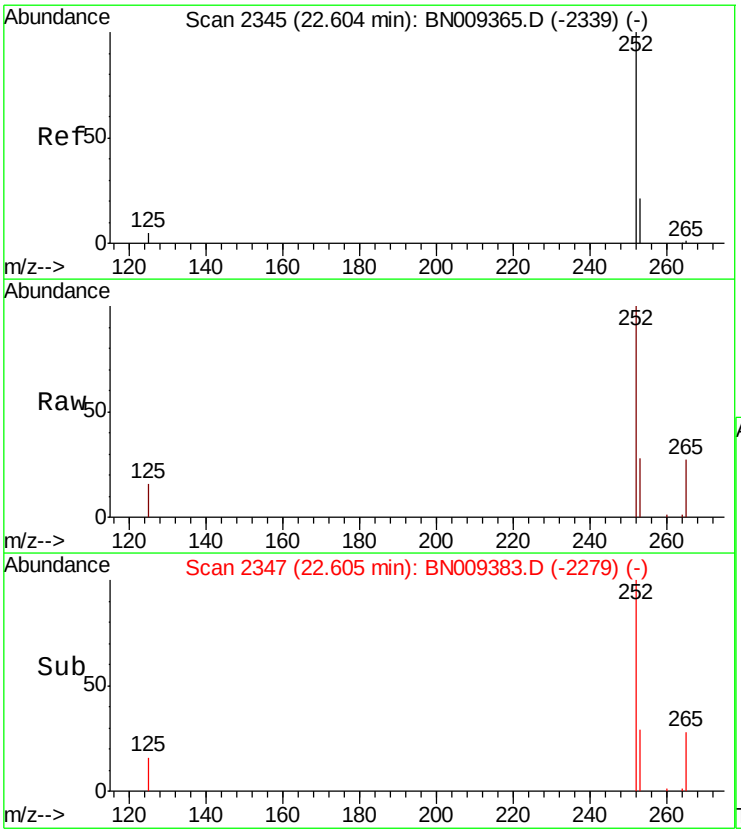
#35
Benzo(b)fluoranthene
Concen: 0.377 ng
RT: 22.56 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9138

Ion	Ratio	Lower	Upper
252	100		
253	27.1	22.4	33.6
125	14.3	11.6	17.4

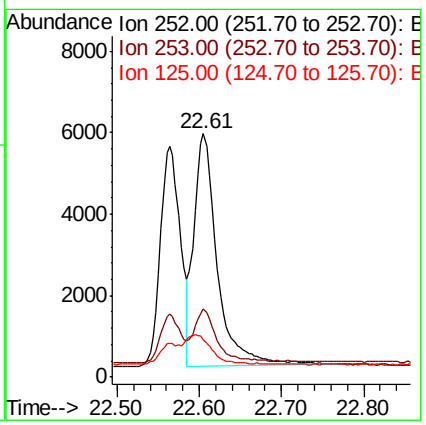


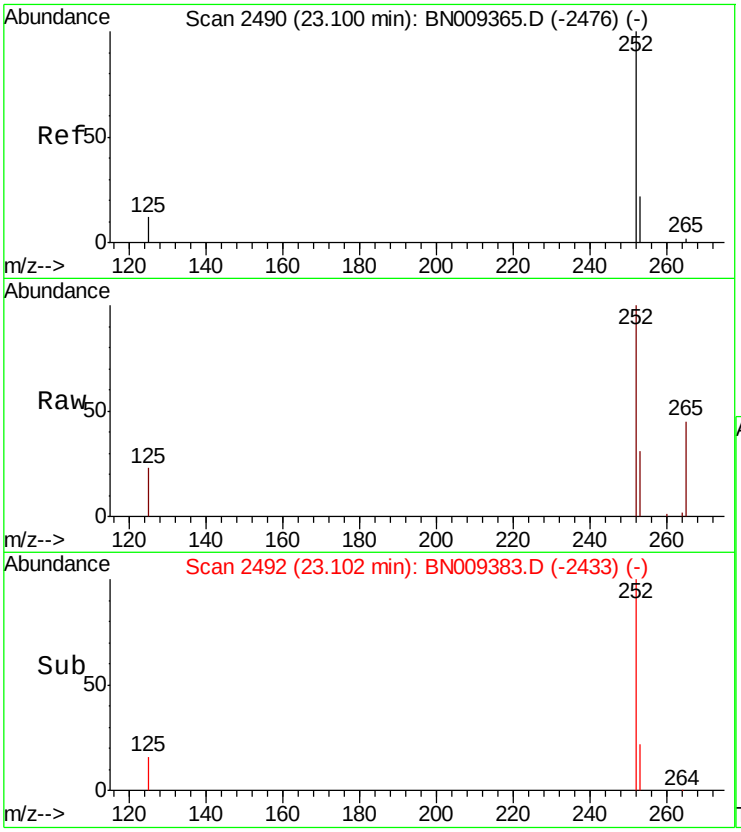


#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 22.61 min Scan# 2347
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:252 Resp: 11243

Ion	Ratio	Lower	Upper
252	100		
253	28.1	21.9	32.9
125	15.6	12.0	18.0



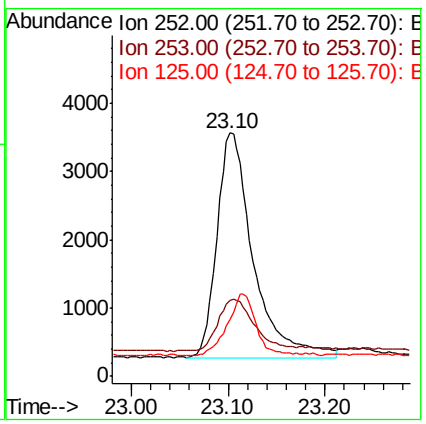


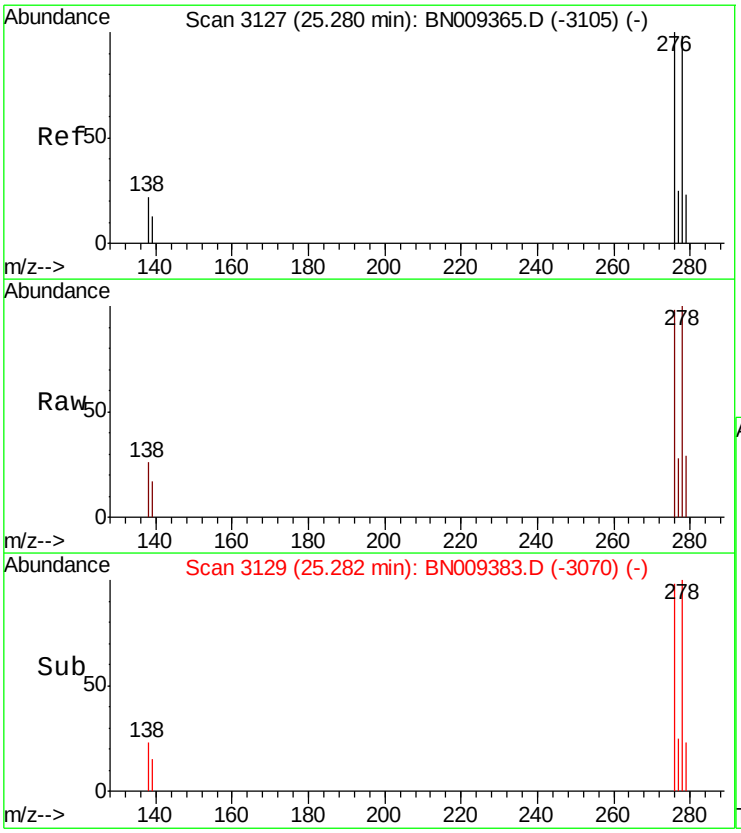
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8552

Ion	Ratio	Lower	Upper
252	100		
253	31.0	25.4	38.0
125	23.1	16.2	24.2

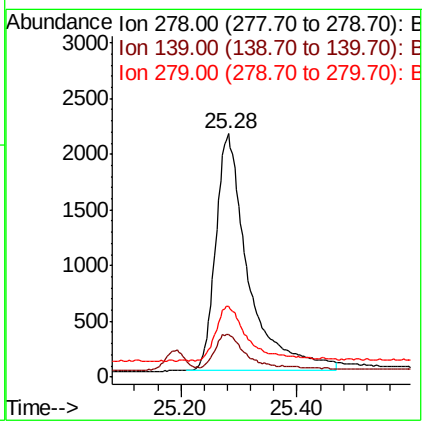


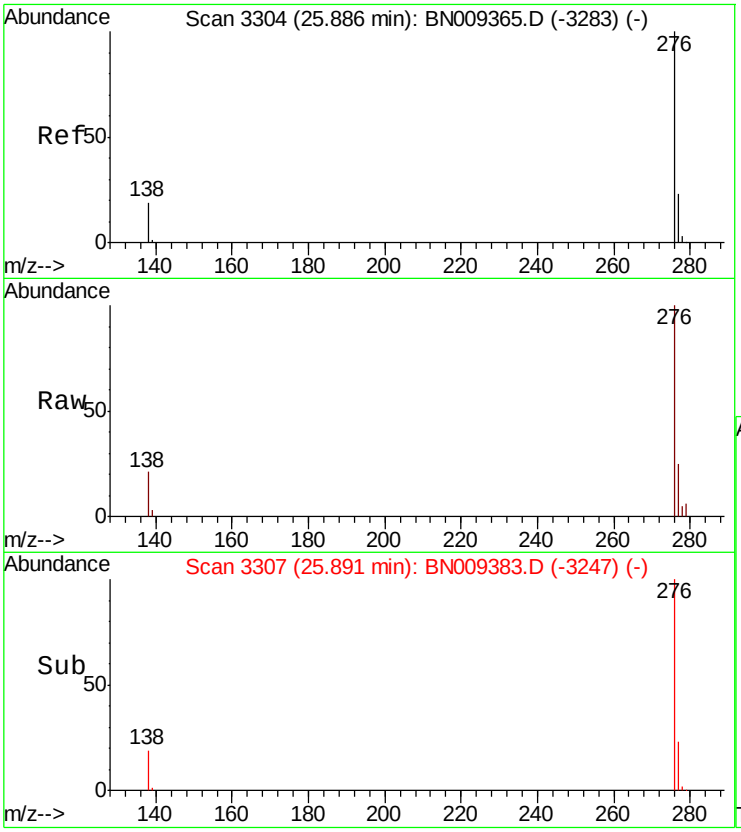


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 25.28 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:278 Resp: 8300

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.5	21.7
279	29.0	24.2	36.4





#39
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 25.89 min Scan# 3307
Delta R.T. 0.01 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9197

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.6	30.8
138	21.0	17.1	25.7