Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
Data File : BN009385.D
Acq On : 16 Jan 2020 15:23
Operator : JU
Sample : PB126056BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 16 16:11:56 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	1638	0.40	ng		0.00
7) Naphthalene-d8	10.23	136	5381	0.40	ng		0.00
13) Acenaphthene-d10	14.10	164	3445	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	7577	0.40	ng		0.00
27) Chrysene-d12	21.07	240	6894	0.40	ng		0.00
34) Perylene-d12	23.19	264	7037	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1162	0.31	ng		0.00
5) Phenol-d6	6.68	99	1404	0.32	ng		0.00
8) Nitrobenzene-d5	8.64	82	1227	0.29	ng		0.01
11) 2-Methylnaphthalene-d10	11.83	152	2794	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.62	330	304	0.23	ng		0.00
15) 2-Fluorobiphenyl	12.73	172	4156	0.32	ng		0.00
25) Fluoranthene-d10	18.90	212	7256	0.28	ng		0.00
29) Terphenyl-d14	19.51	244	5419	0.33	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.46	42	41	0.016	ng	#	23
6) bis(2-Chloroethyl)ether	6.94	93	21	0.005	ng	#	33
9) Naphthalene	10.28	128	49	0.003	ng	#	1
10) Hexachlorobutadiene	10.58	225	2	0.001	ng	#	17
12) 2-Methylnaphthalene	11.90	142	31	0.003	ng	#	56
16) Acenaphthylene	13.82	152	15	0.001	ng	#	85
17) Acenaphthene	14.16	154	11	0.001	ng	#	21
18) Fluorene	15.18	166	36	0.003	ng		95
20) 4-Bromophenyl-phenylether	16.08	248	1	0.000	ng	#	65
21) Hexachlorobenzene	16.17	284	4	0.001	ng	#	23
22) Pentachlorophenol	16.53	266	3	0.147	ng	#	76
23) Phenanthrene	16.90	178	325	0.014	ng	#	92
24) Anthracene	17.01	178	18	0.001	ng	#	61
26) Fluoranthene	18.93	202	139	0.005	ng		97
28) Pyrene	19.30	202	91	0.003	ng		97
30) Benzo(a)anthracene	21.06	228	83	0.004	ng	#	7
31) Chrysene	21.11	228	105	0.004	ng	#	27
32) Bis(2-ethylhexyl)phthalate	21.00	149	791	0.079	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.23	276	2	0.000	ng	#	1
35) Benzo(b)fluoranthene	22.59	252	212	0.008	ng	#	1
36) Benzo(k)fluoranthene	22.59	252	212	0.007	ng	#	1
37) Benzo(a)pyrene	23.12	252	101	0.004	ng	#	1
38) Dibenzo(a,h)anthracene	25.27	278	1	0.000	ng	#	1
39) Benzo(g,h,i)perylene	25.87	276	1	0.000	ng	#	1

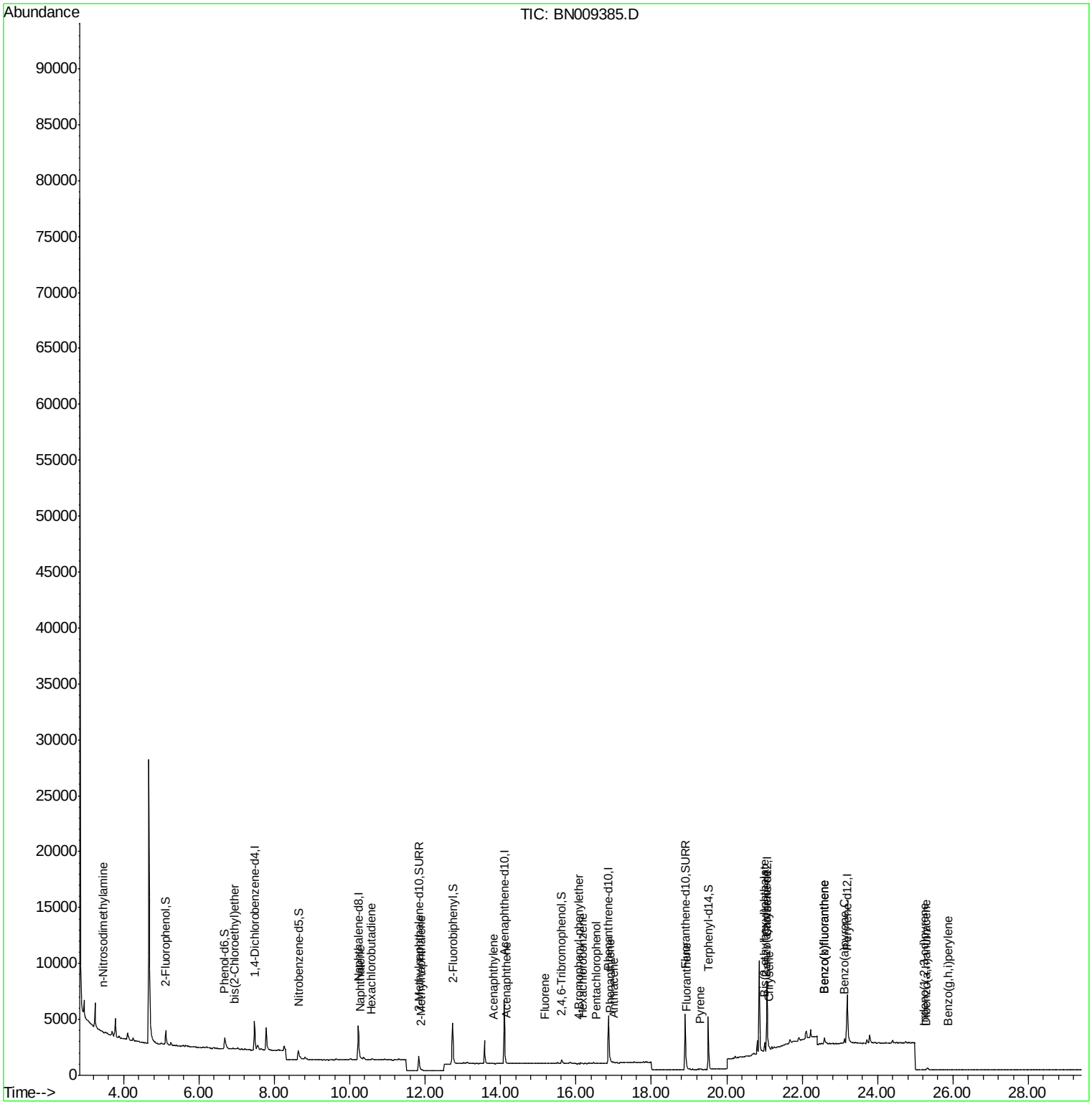
(#) = qualifier out of range (m) = manual integration (+) = signals summed

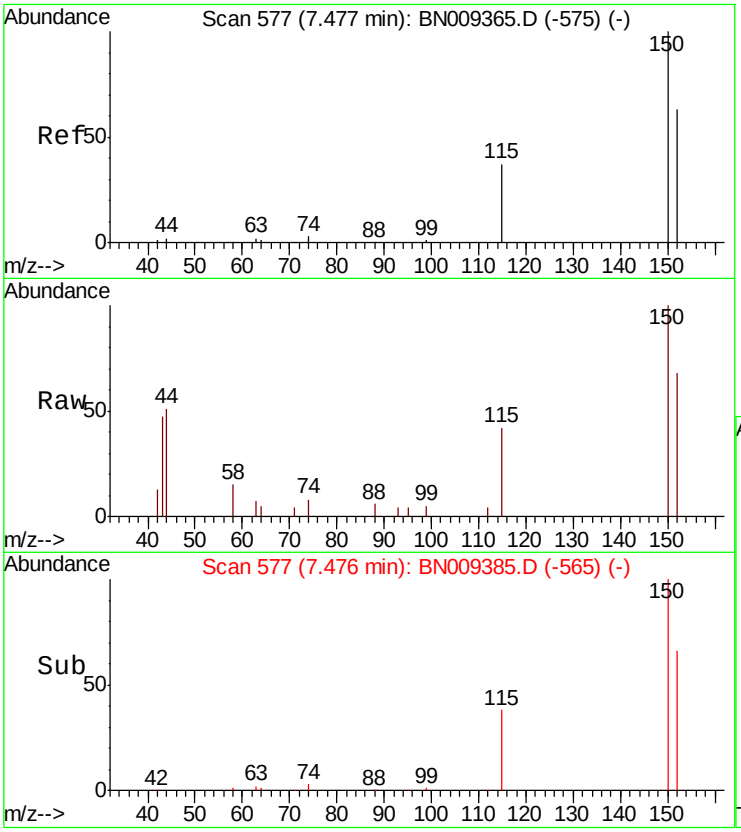
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
Data File : BN009385.D
Acq On : 16 Jan 2020 15:23
Operator : JU
Sample : PB126056BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 16 16:11:56 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



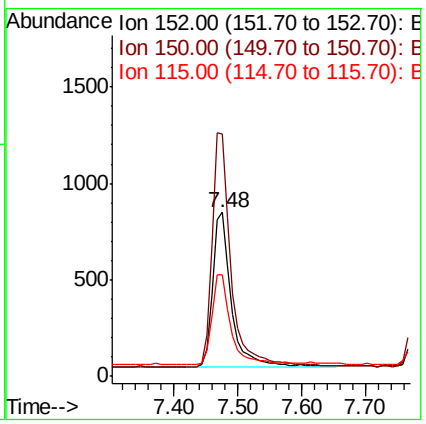


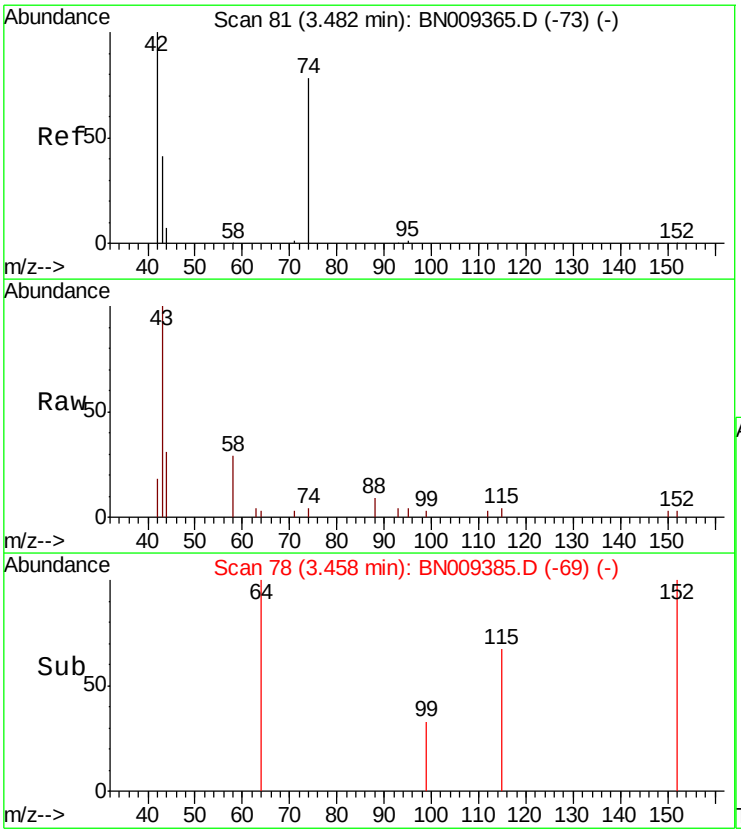
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1638

Ion	Ratio	Lower	Upper
152	100		
150	147.5	125.7	188.5
115	61.6	53.3	79.9

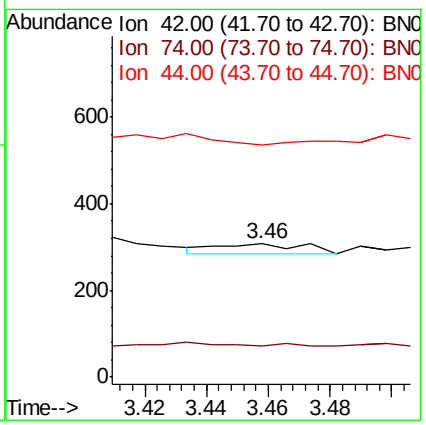


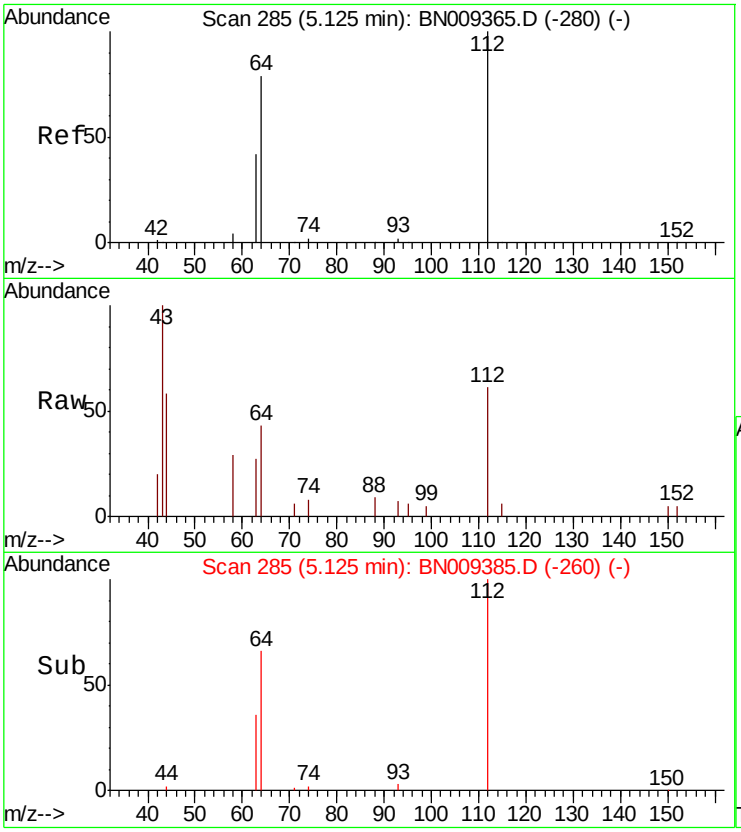


#3
n-Nitrosodimethylamine
Concen: 0.016 ng
RT: 3.46 min Scan# 78
Delta R.T. -0.02 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion: 42 Resp: 41

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



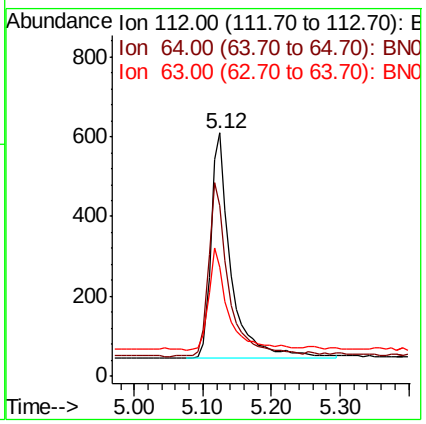


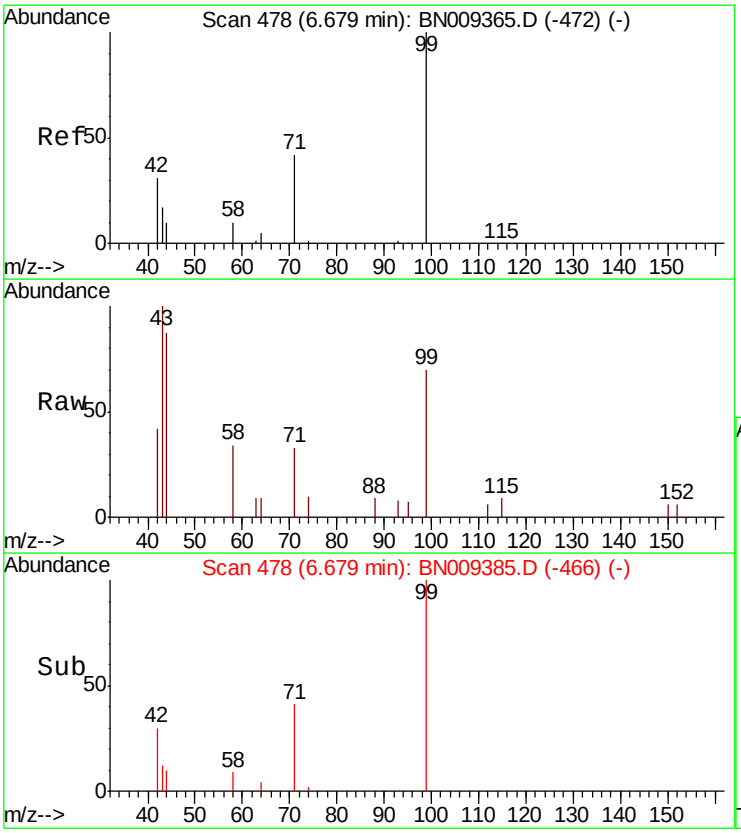
#4
2-Fluorophenol
Concen: 0.308 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1162

Ion	Ratio	Lower	Upper
112	100		
64	78.1	61.5	92.3
63	44.2	35.0	52.4

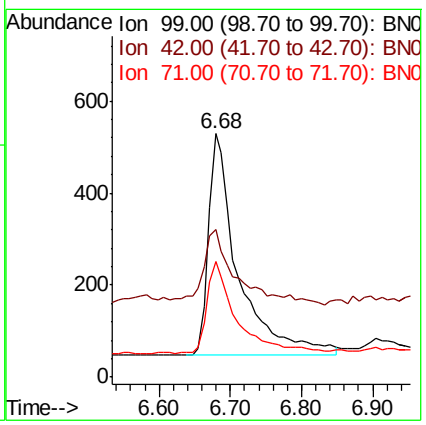


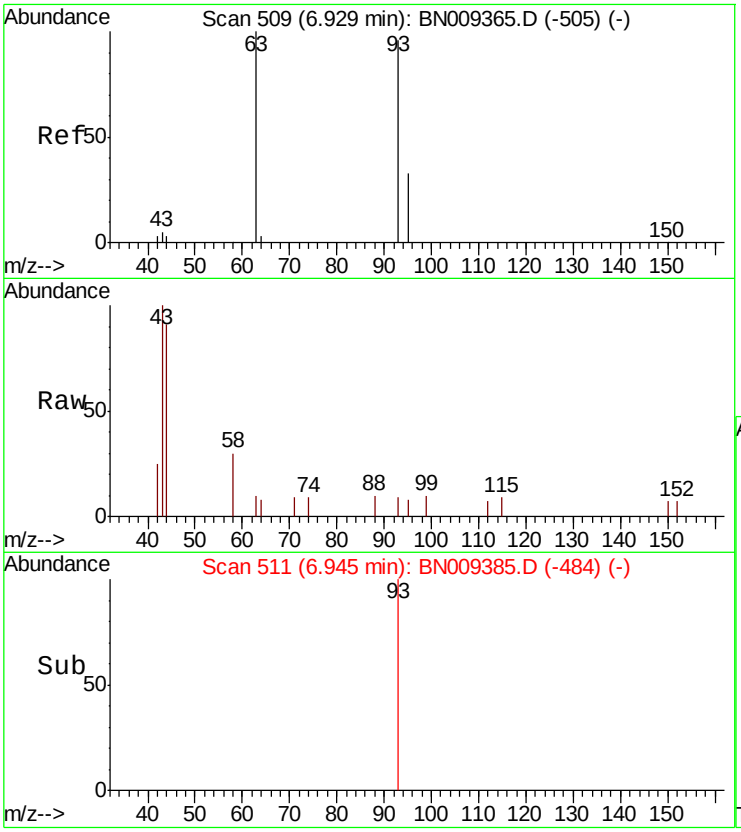


#5
Phenol-d6
Concen: 0.322 ng
RT: 6.68 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion: 99 Resp: 1404

Ion	Ratio	Lower	Upper
99	100		
42	39.0	27.6	41.4
71	41.2	33.0	49.6



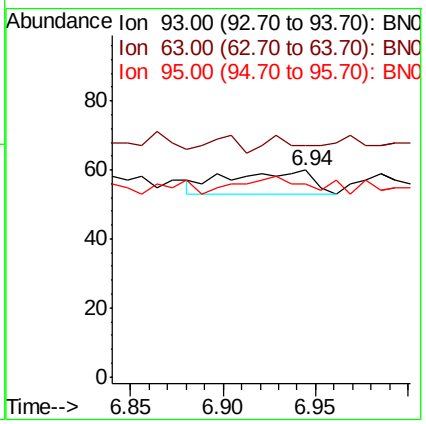


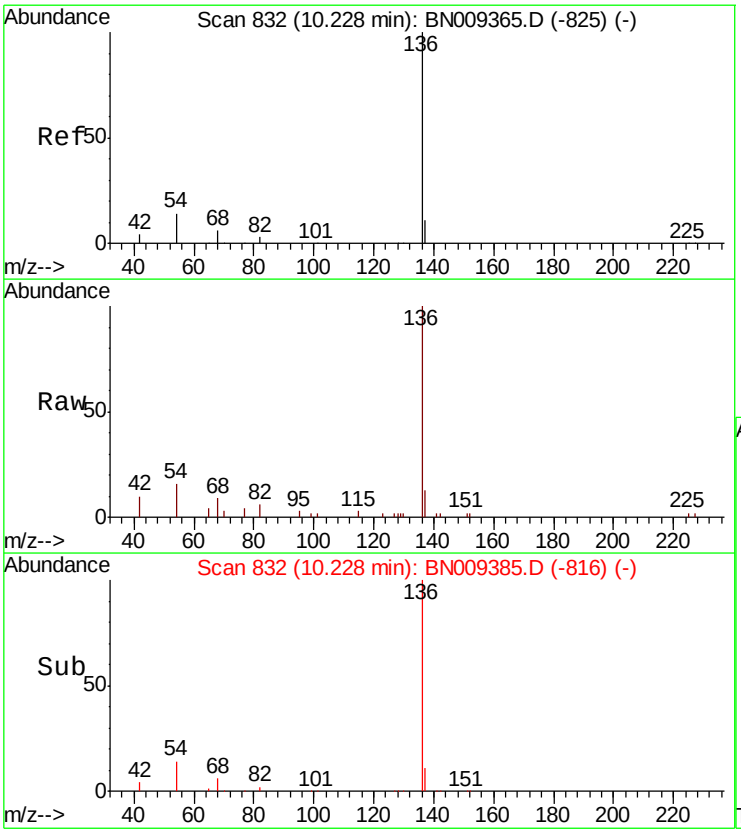
#6
bis(2-Chloroethyl)ether
Concen: 0.005 ng
RT: 6.94 min Scan# 511
Delta R.T. 0.02 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 21

Ion	Ratio	Lower	Upper
93	100		
63	23.8	85.1	127.7#
95	57.1	30.2	45.4#

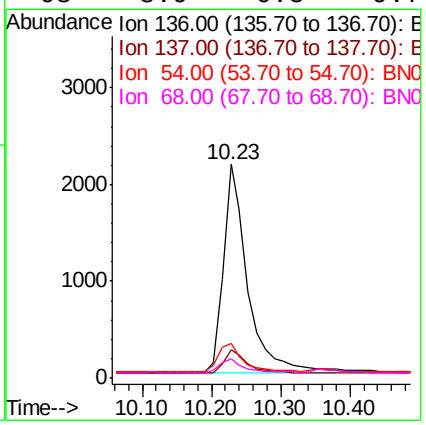


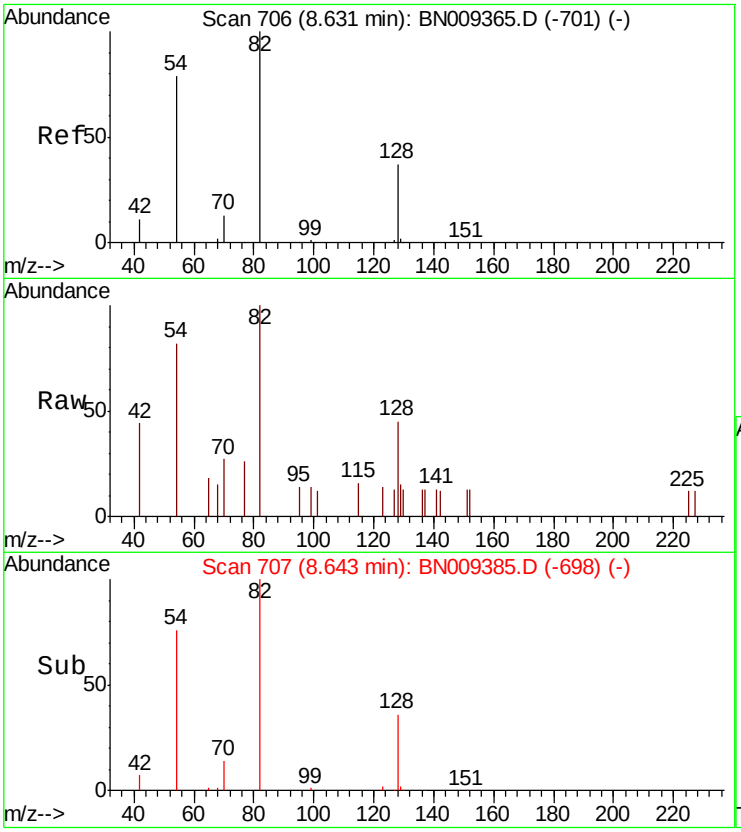


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:136 Resp: 5381

Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.3	15.5
54	16.3	12.6	19.0
68	8.9	6.5	9.7



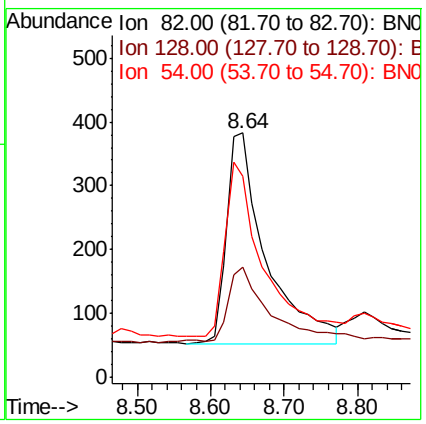


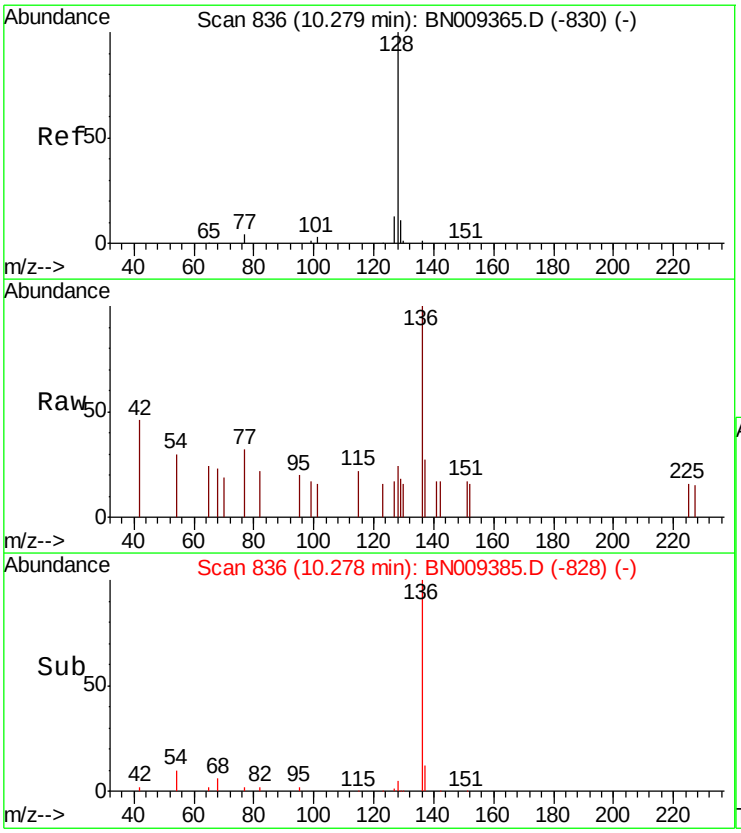
#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.64 min Scan# 707
Delta R.T. 0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 1227

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.8	52.2
54	82.2	65.8	98.6

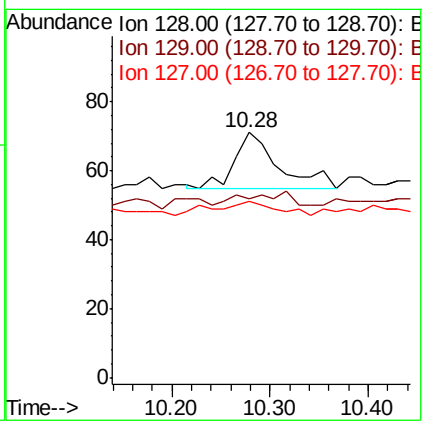


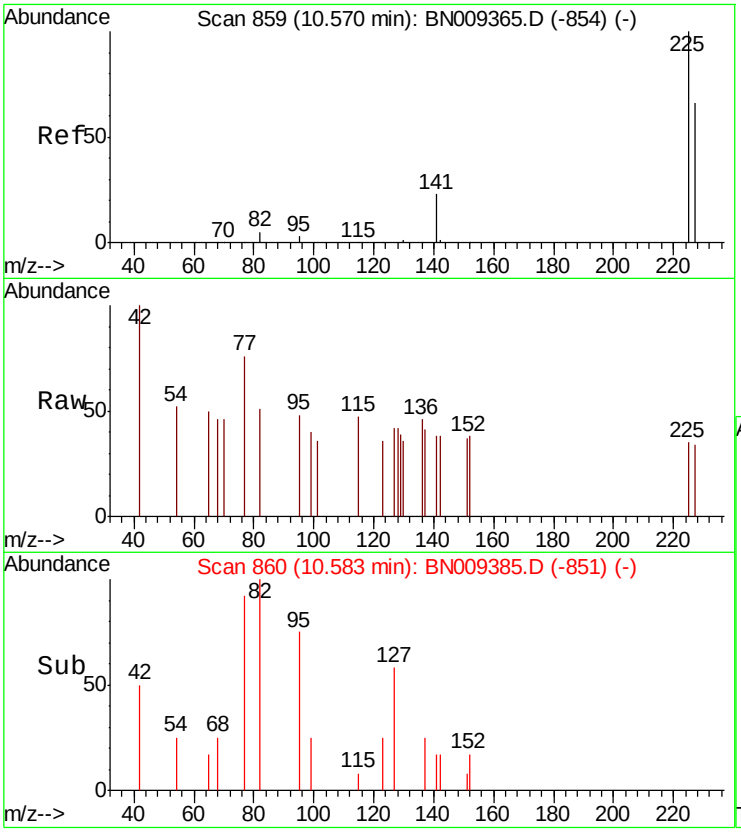


#9
Naphthalene
Concen: 0.003 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:128 Resp: 49

Ion	Ratio	Lower	Upper
128	100		
129	73.2	10.4	15.6#
127	71.8	11.4	17.2#



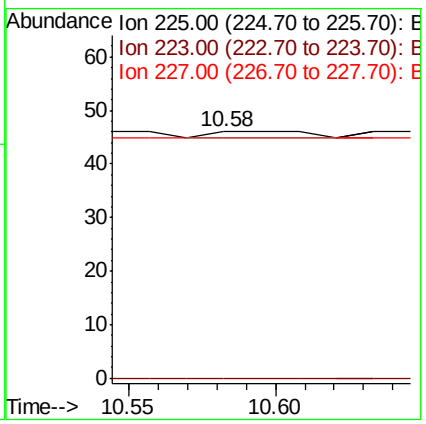


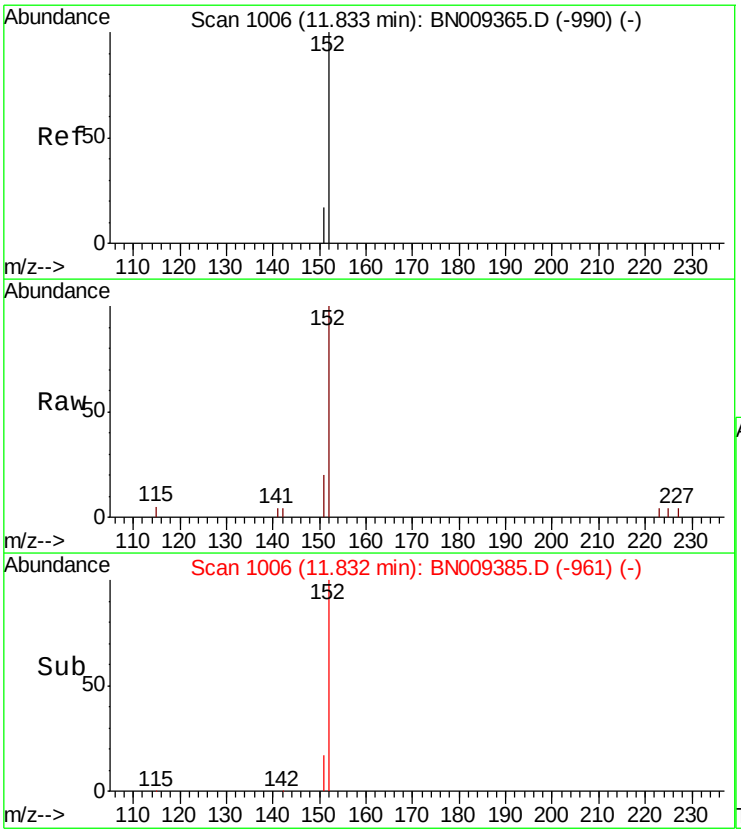
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.58 min Scan# 860
Delta R.T. 0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:225 Resp: 2

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

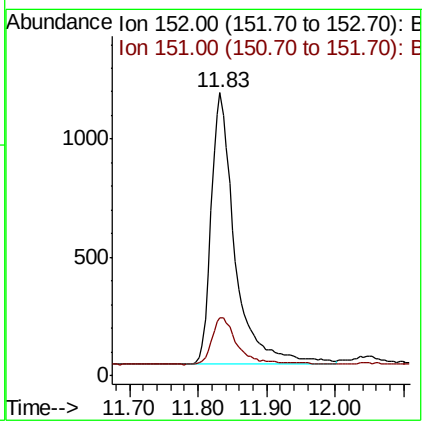


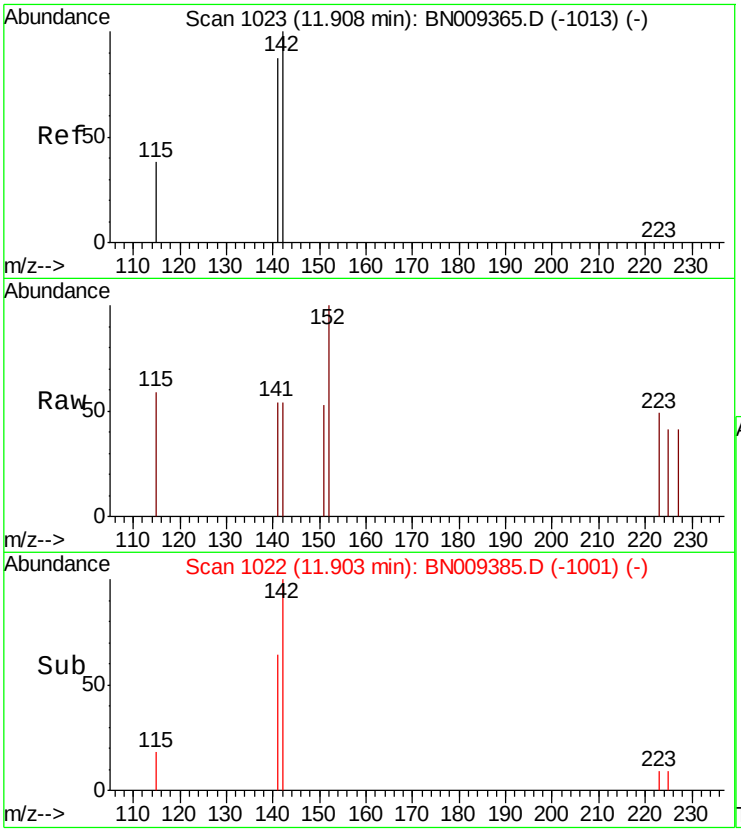


#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 11.83 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:152 Resp: 2794

Ion	Ratio	Lower	Upper
152	100		
151	18.3	14.8	22.2



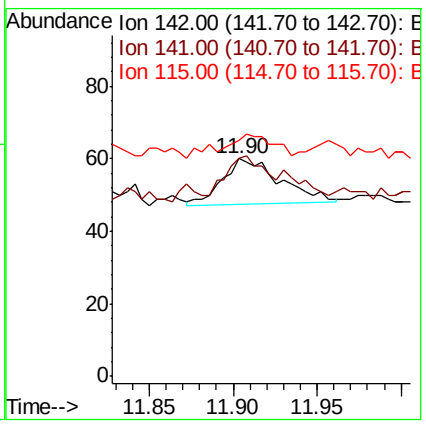


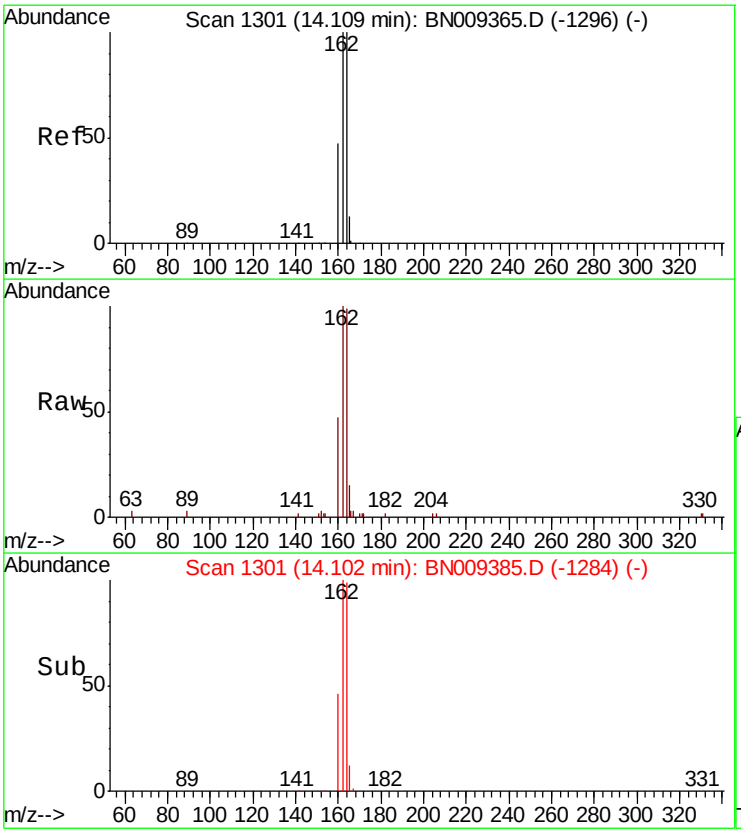
#12
2-Methylnaphthalene
Concen: 0.003 ng
RT: 11.90 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 31

Ion	Ratio	Lower	Upper
142	100		
141	100.0	69.8	104.6
115	108.3	32.5	48.7#

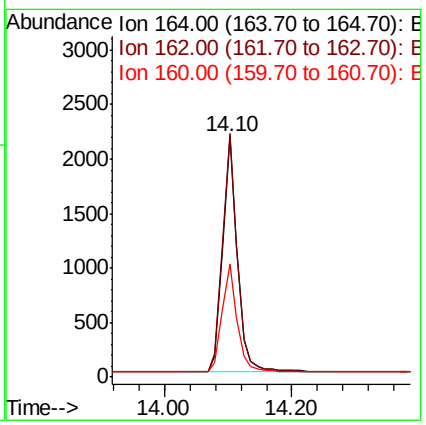


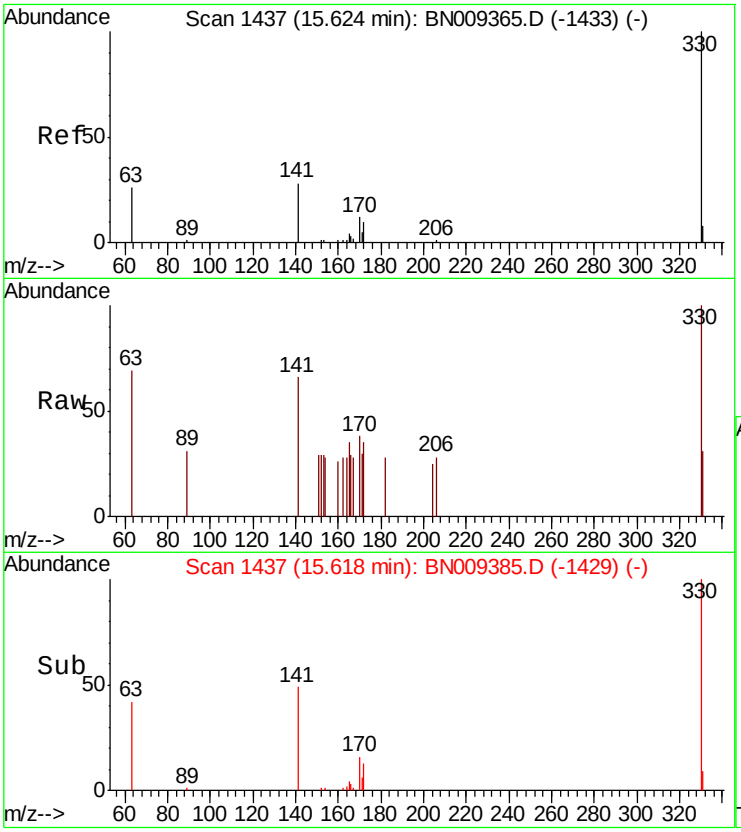


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:164 Resp: 3445

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.8	119.6
160	47.2	38.4	57.6



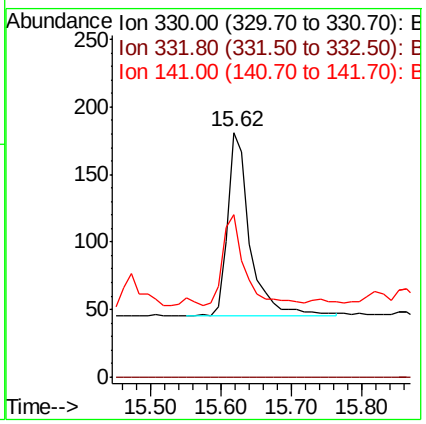


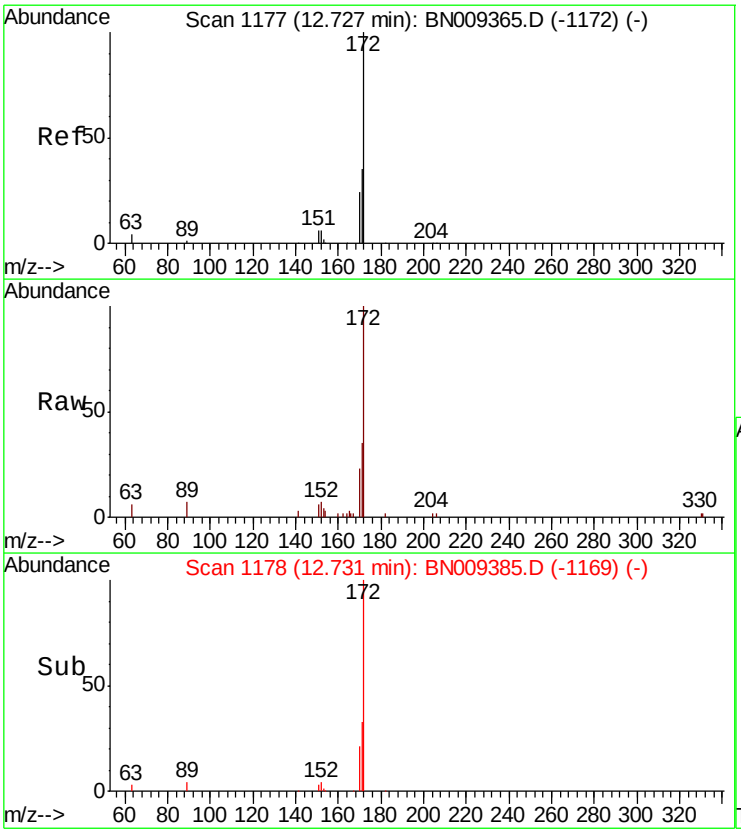
#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.62 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 304

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.3	33.1	49.7

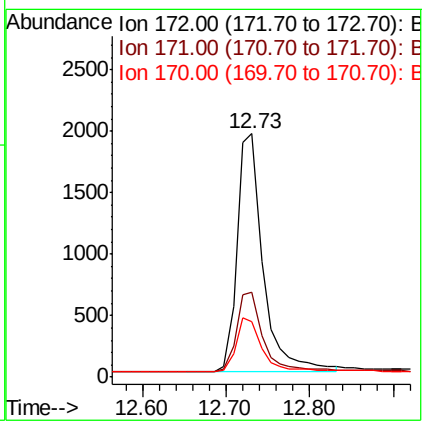


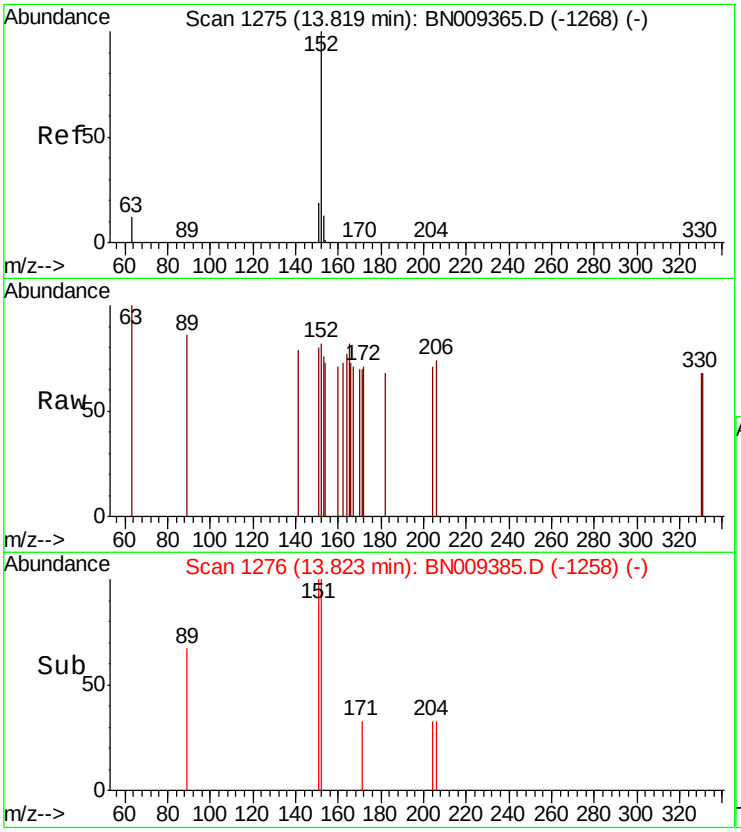


#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 12.73 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:172 Resp: 4156

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.5	44.3
170	22.9	20.7	31.1



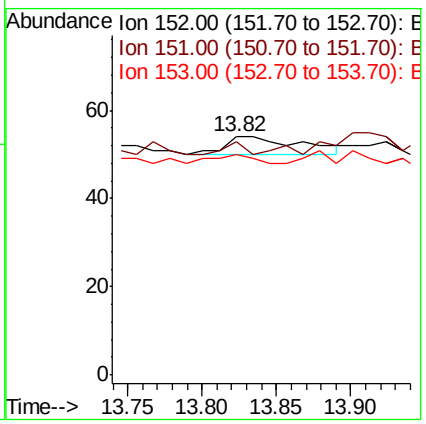


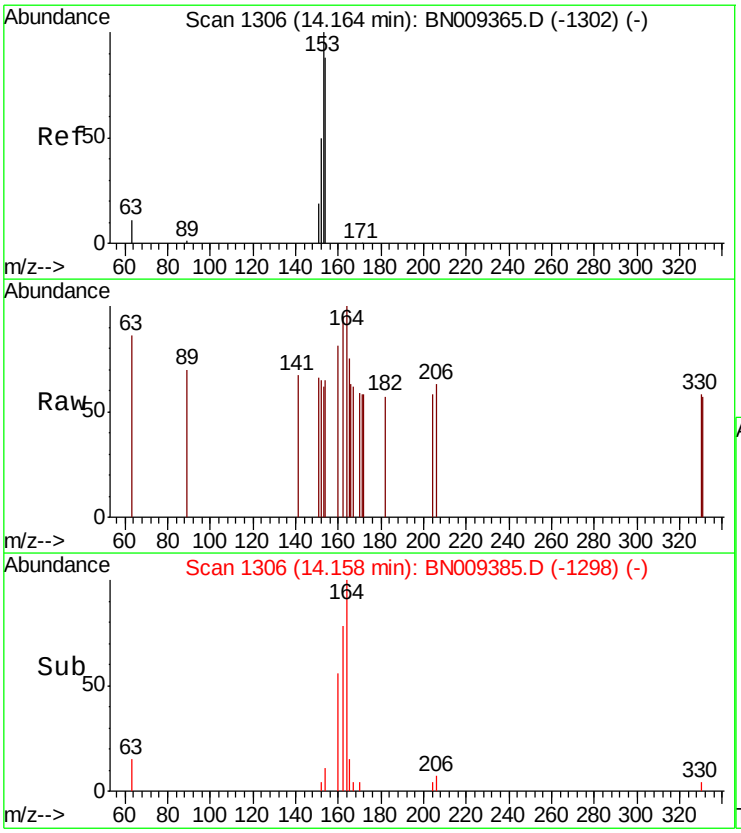
#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.82 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 15

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.2
153	26.7	10.4	15.6#

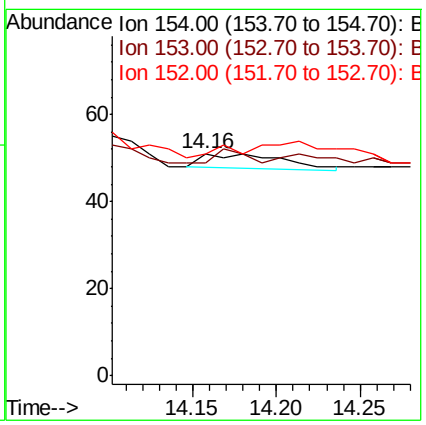


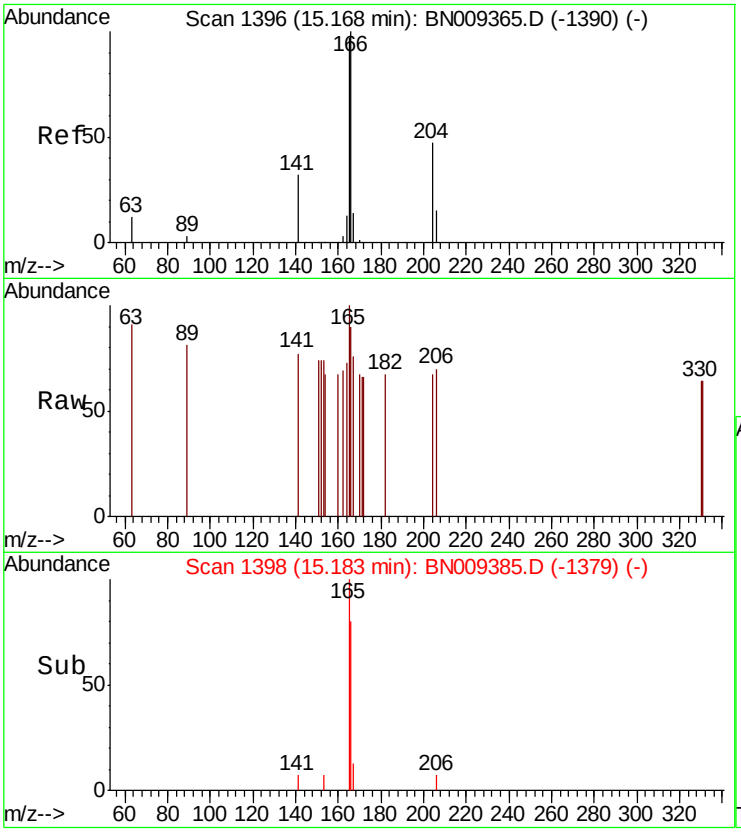


#17
Acenaphthene
Concen: 0.001 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:154 Resp: 11

Ion	Ratio	Lower	Upper
154	100		
153	27.3	90.5	135.7#
152	0.0	45.3	67.9#



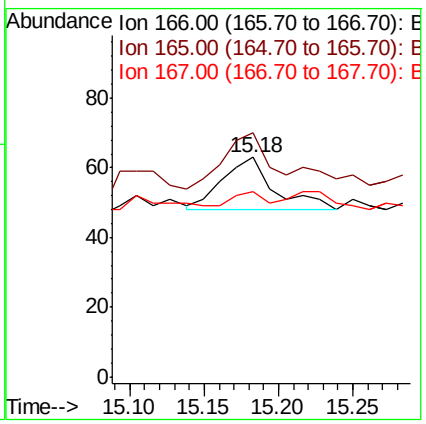


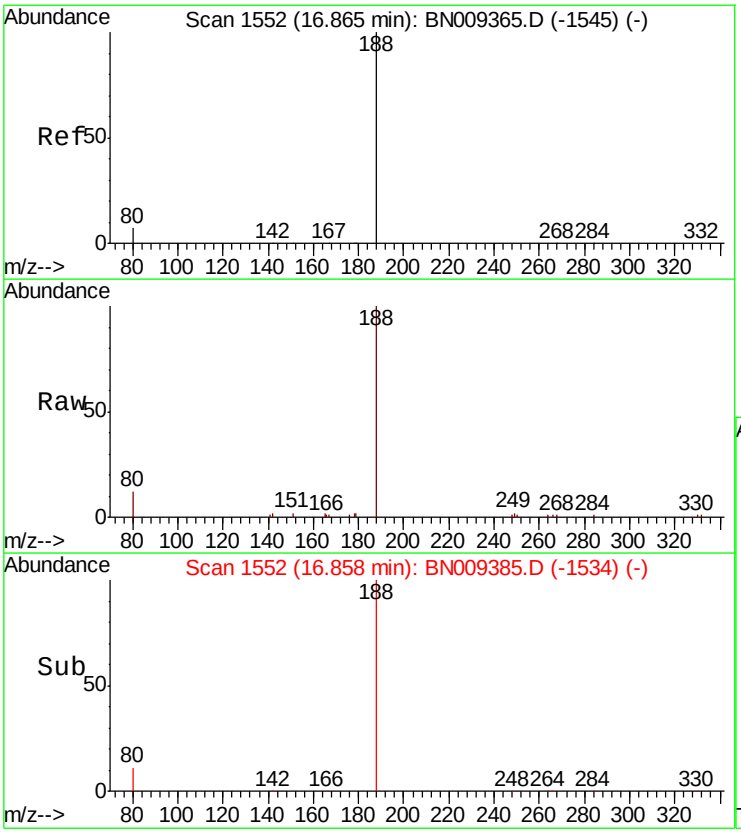
#18
Fluorene
Concen: 0.003 ng
RT: 15.18 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 36

Ion	Ratio	Lower	Upper
166	100		
165	91.7	78.2	117.2
167	13.9	11.0	16.6

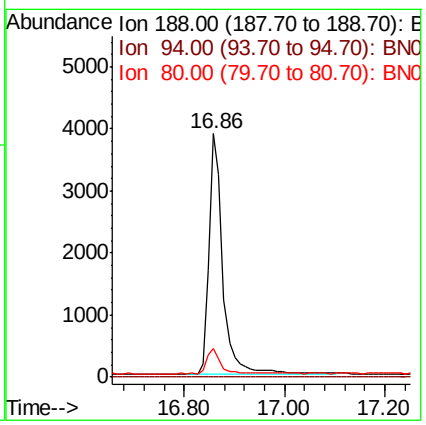


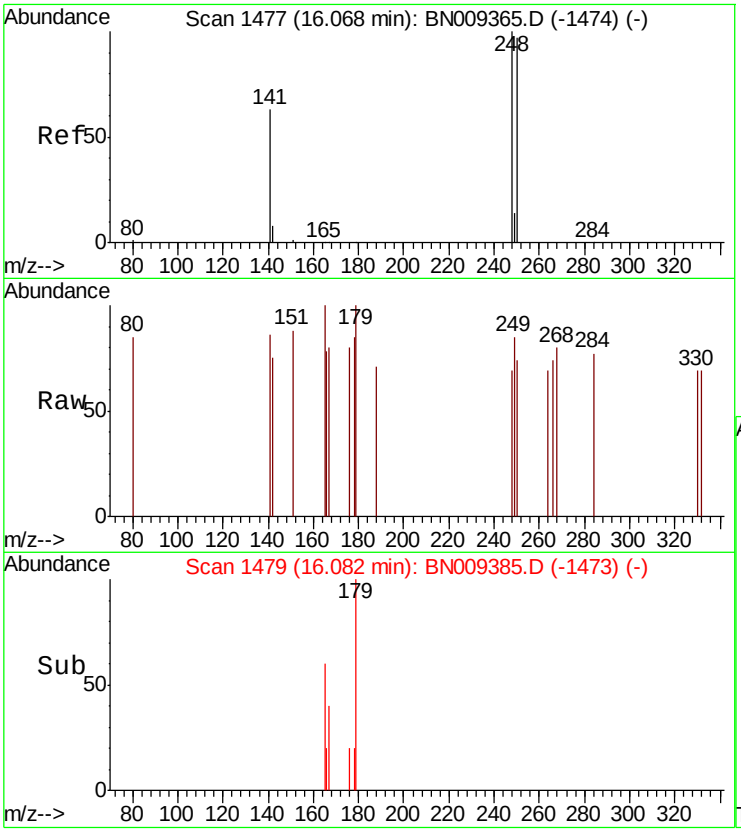


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:188 Resp: 7577

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	6.6	10.0#



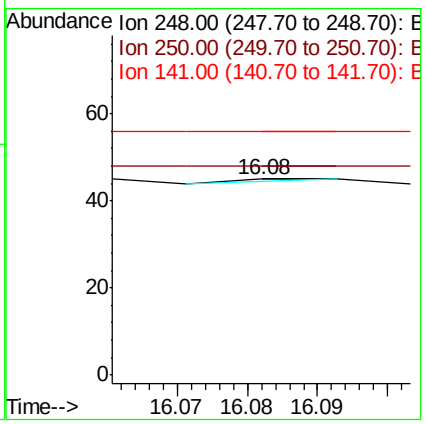


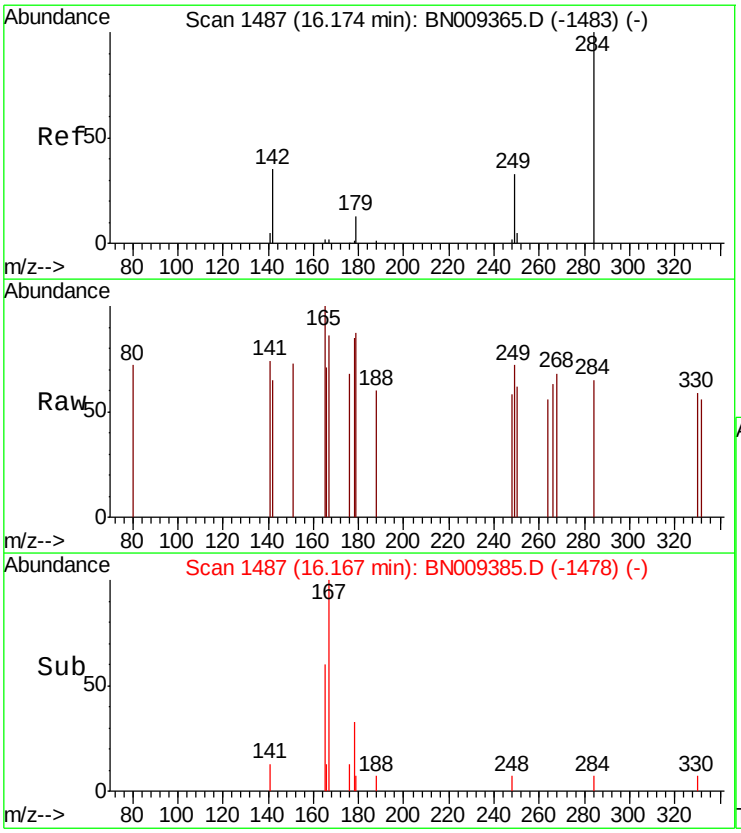
#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.08 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1

Ion	Ratio	Lower	Upper
248	100		
250	106.7	77.8	116.8
141	124.4	53.4	80.0#

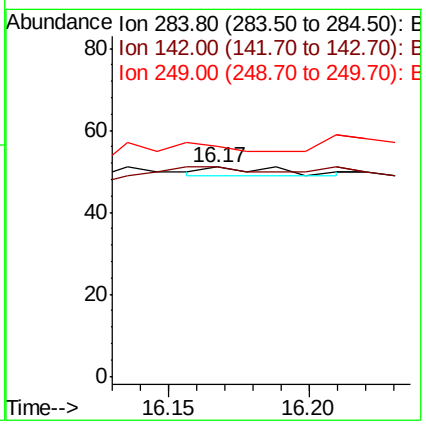


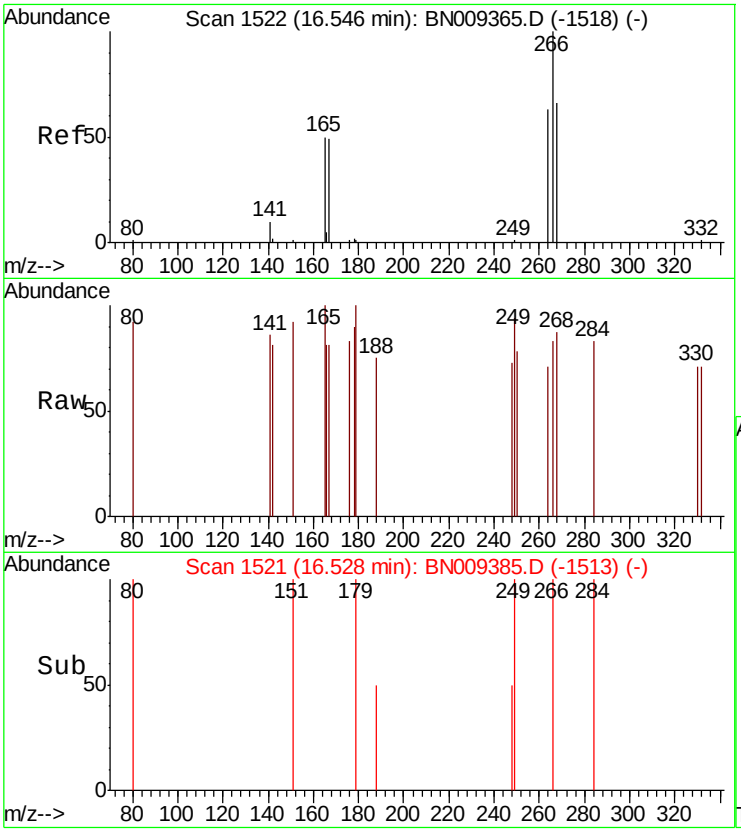


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:284 Resp: 4

Ion	Ratio	Lower	Upper
284	100		
142	100.0	33.8	50.8#
249	0.0	27.0	40.4#



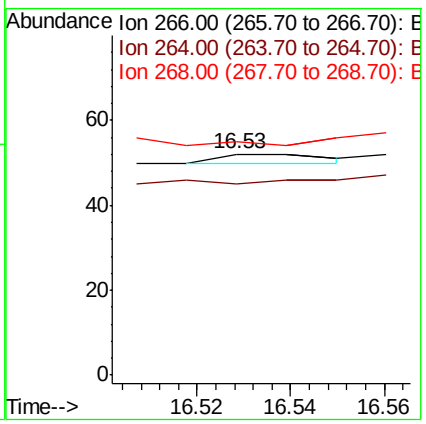


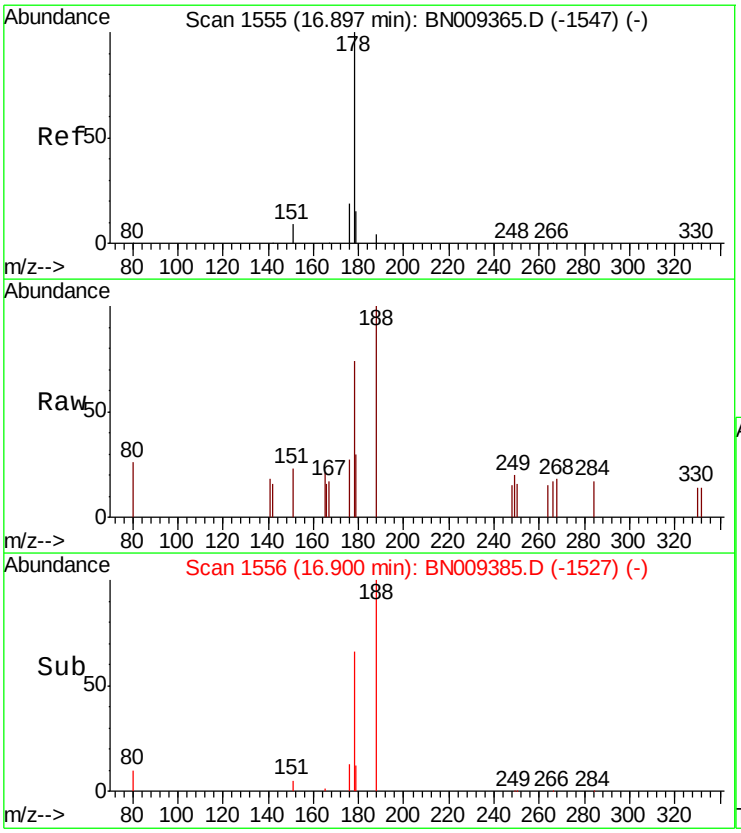
#22
Pentachlorophenol
Concen: 0.147 ng
RT: 16.53 min Scan# 1521
Delta R.T. -0.02 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	86.5	57.8	86.6
268	105.8	63.8	95.6#

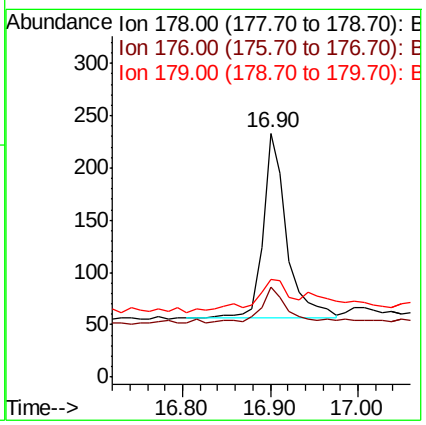


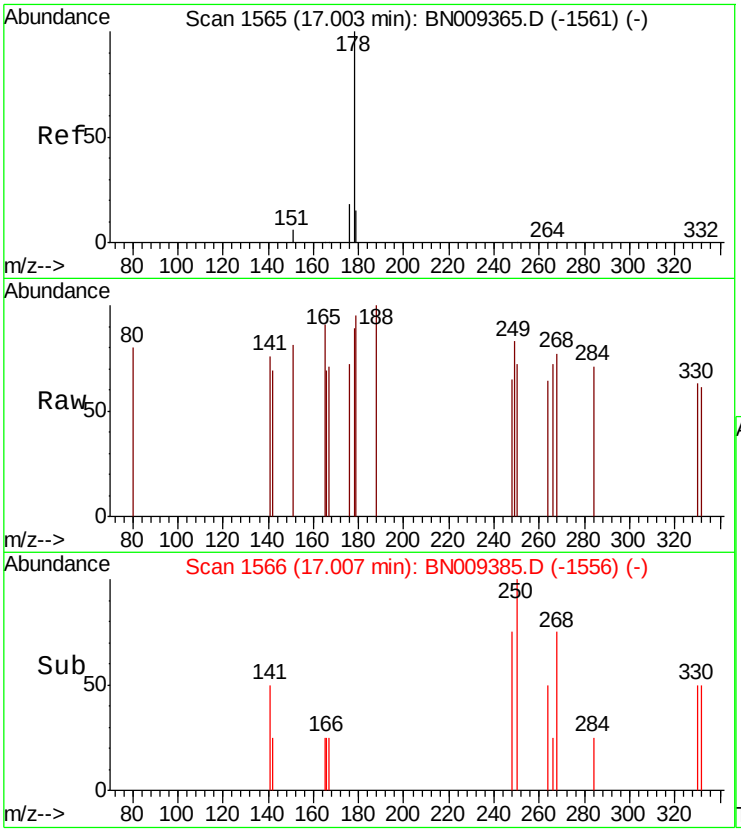


#23
Phenanthrene
Concen: 0.014 ng
RT: 16.90 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:178 Resp: 325

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	22.8	12.3	18.5#



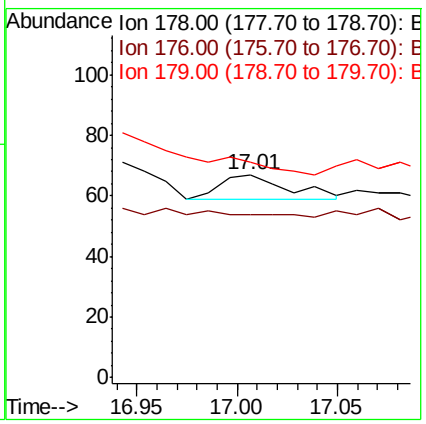


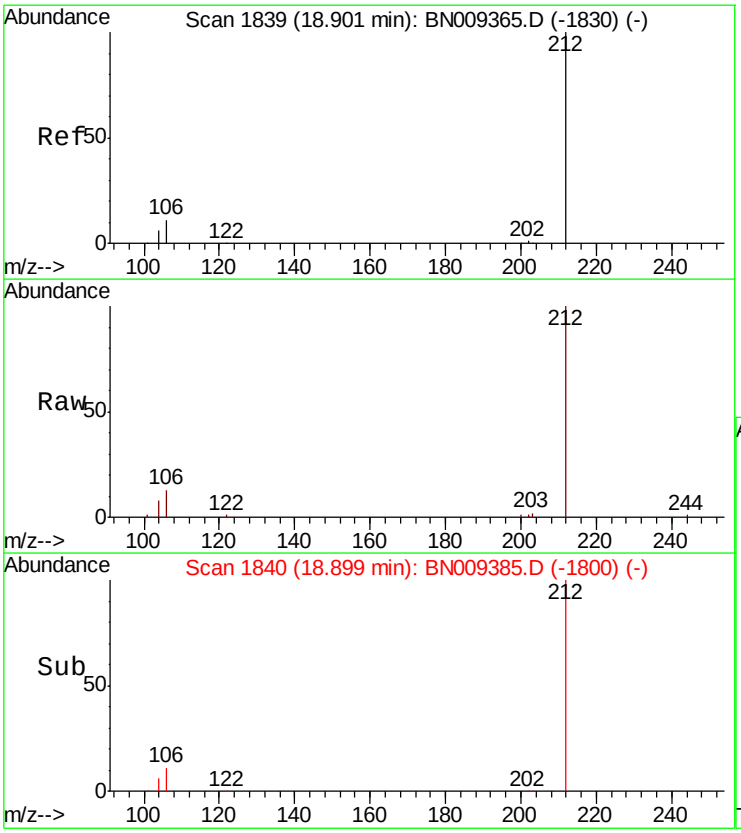
#24
Anthracene
Concen: 0.001 ng
RT: 17.01 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 18

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	21.8#
179	0.0	12.5	18.7#

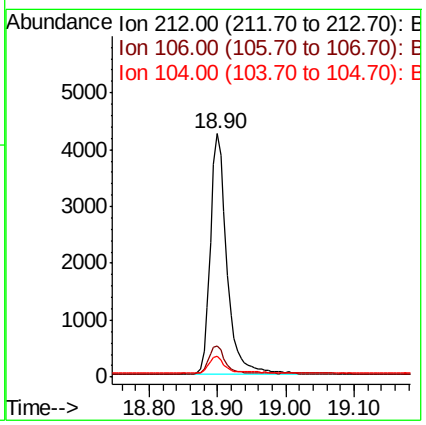


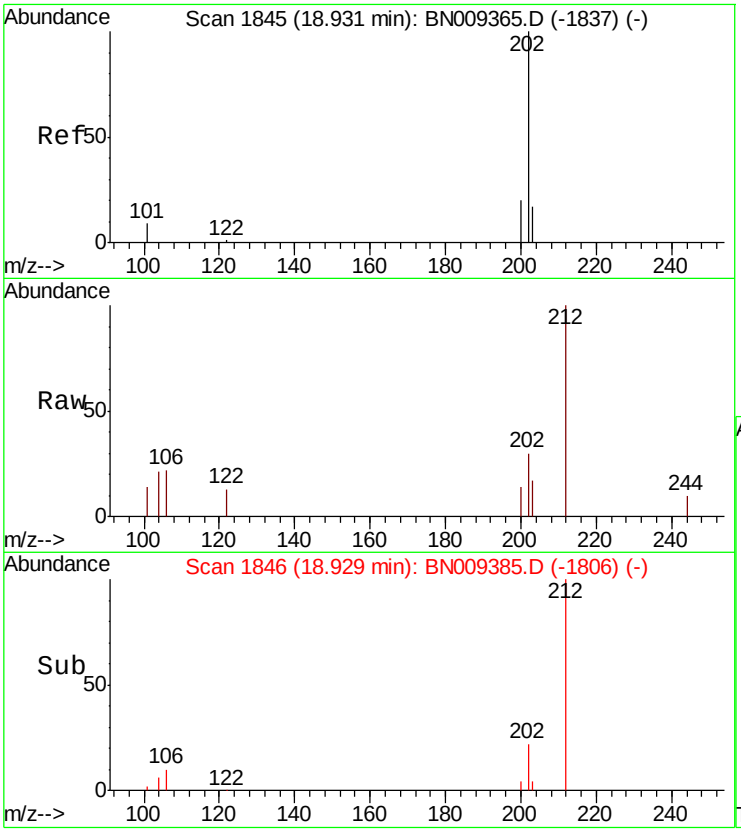


#25
Fluoranthene-d10
Concen: 0.279 ng
RT: 18.90 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:212 Resp: 7256

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.2	13.8
104	6.4	5.4	8.0



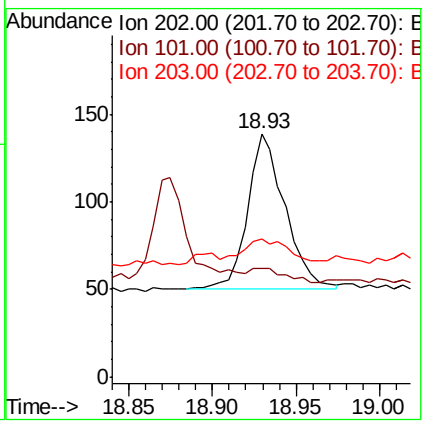


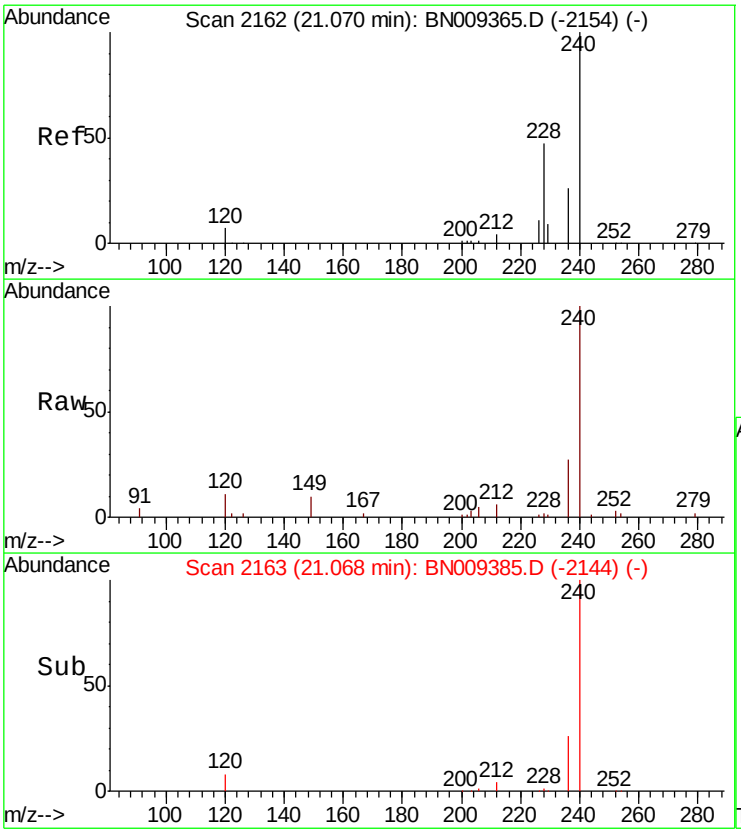
#26
Fluoranthene
Concen: 0.005 ng
RT: 18.93 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 139

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.0	12.0
203	18.7	13.5	20.3

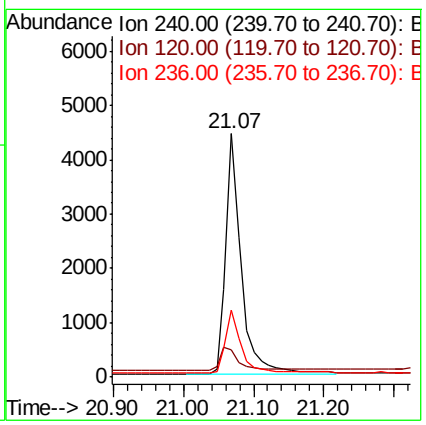


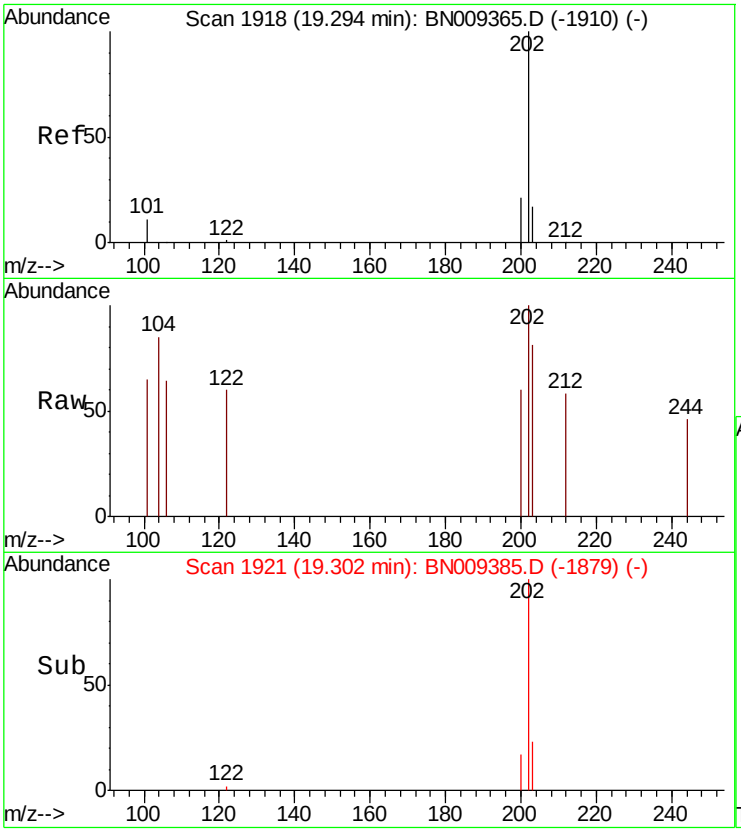


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:240 Resp: 6894

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	27.4	22.2	33.4



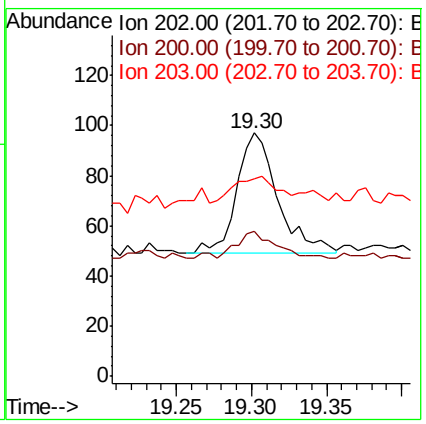


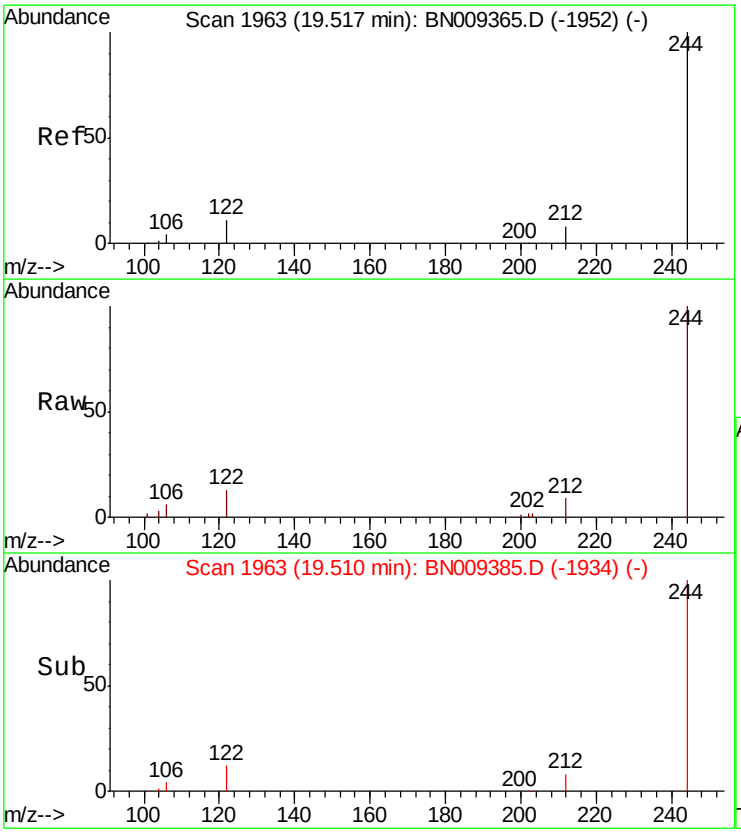
#28
Pyrene
Concen: 0.003 ng
RT: 19.30 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 91

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.2
203	19.8	14.1	21.1

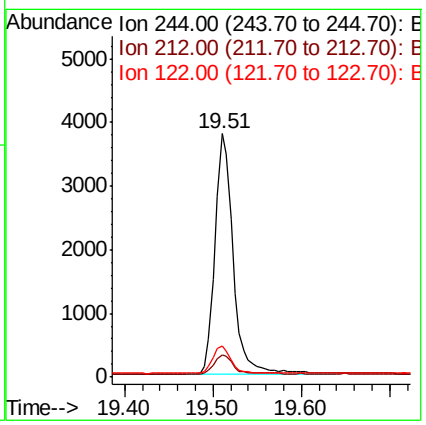


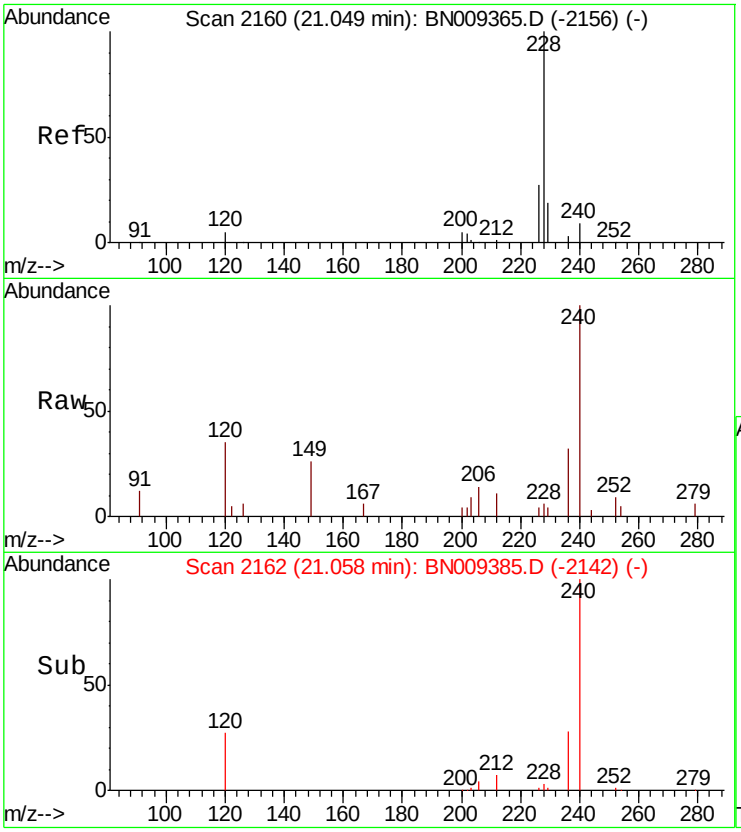


#29
Terphenyl-d14
Concen: 0.332 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:244 Resp: 5419

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.5	11.3
122	13.0	9.8	14.6



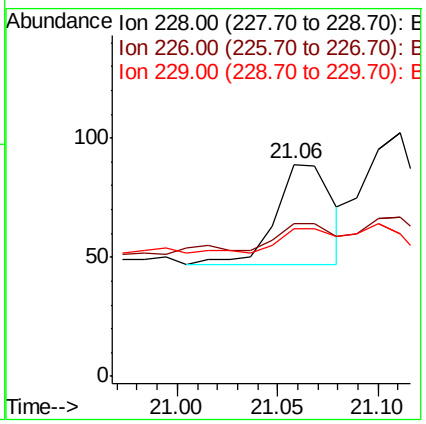


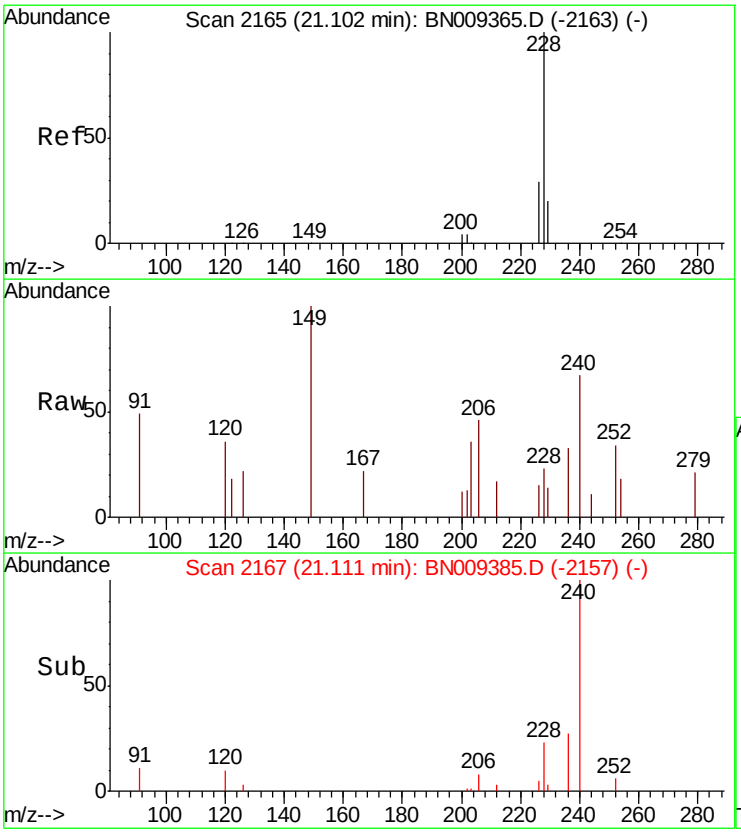
#30
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 83

Ion	Ratio	Lower	Upper
228	100		
226	71.9	22.5	33.7#
229	69.7	16.1	24.1#

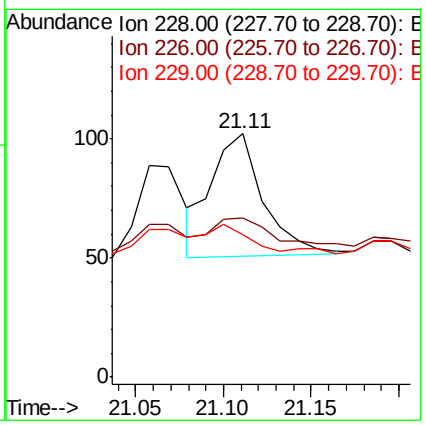


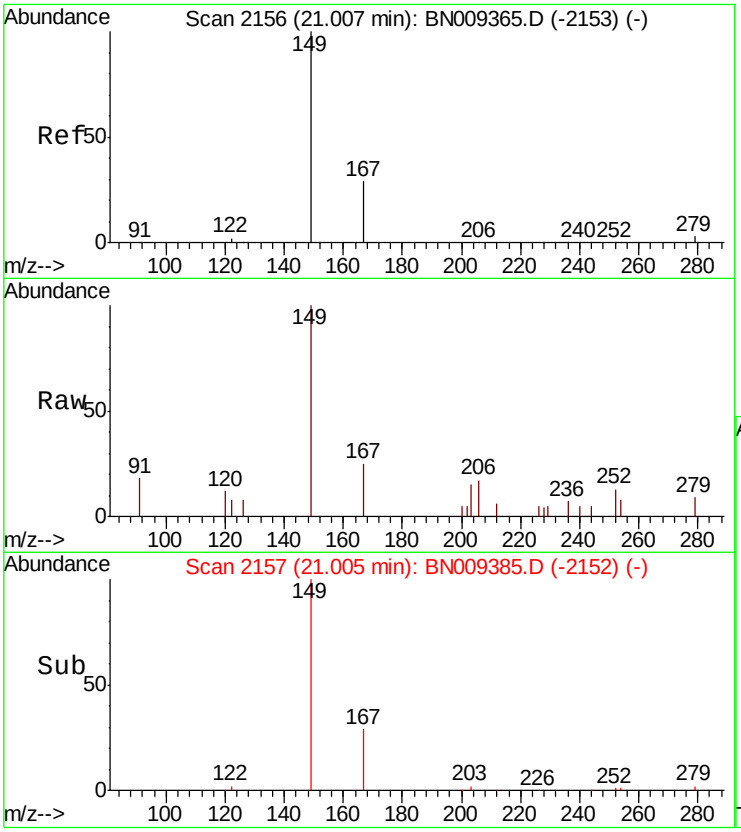


#31
Chrysene
Concen: 0.004 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:228 Resp: 105

Ion	Ratio	Lower	Upper
228	100		
226	65.7	23.8	35.8#
229	58.8	16.6	24.8#



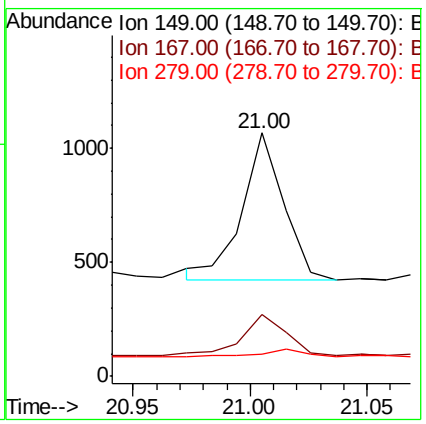


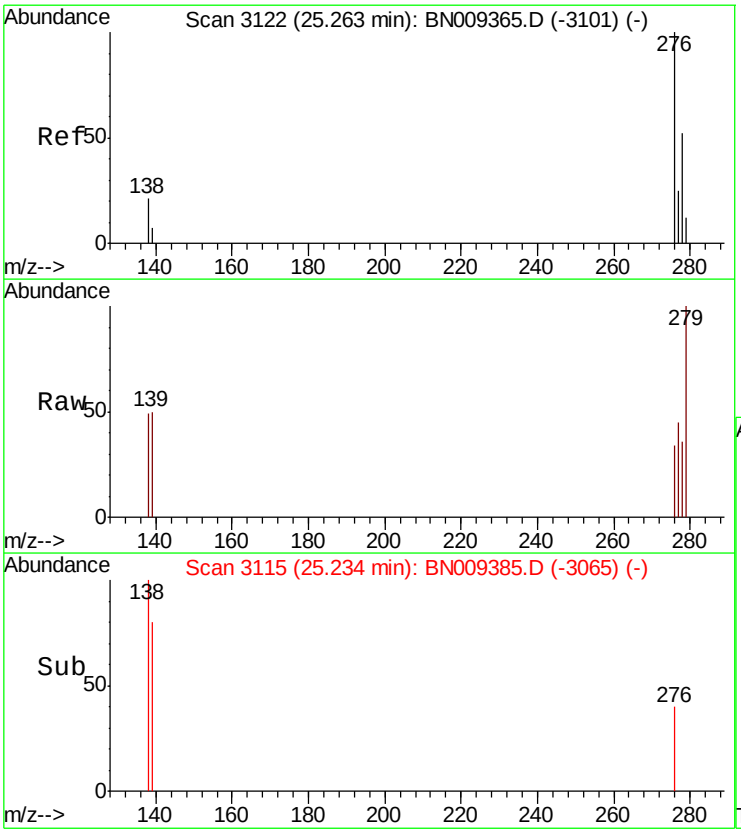
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.079 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 791

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	5.1	3.4	5.0#

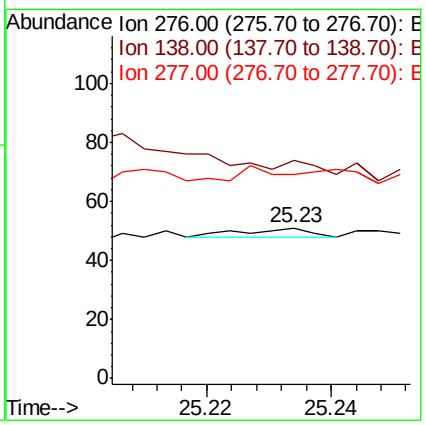


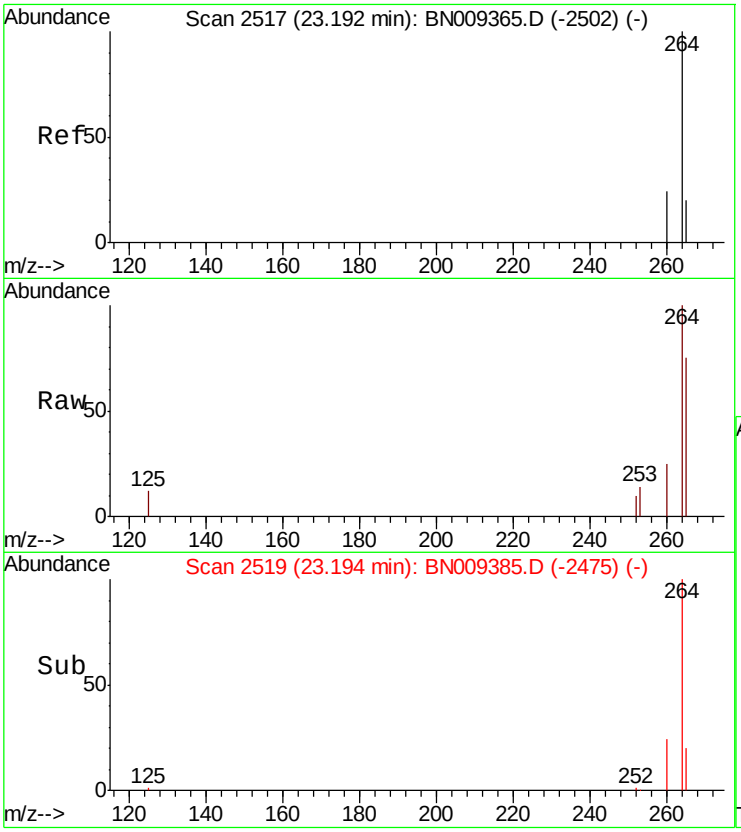


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.23 min Scan# 3115
Delta R.T. -0.03 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.9	23.9#
277	150.0	19.8	29.6#



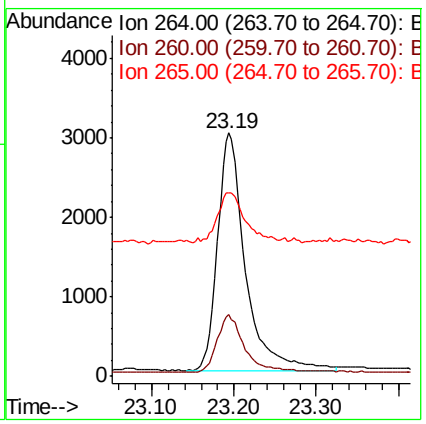


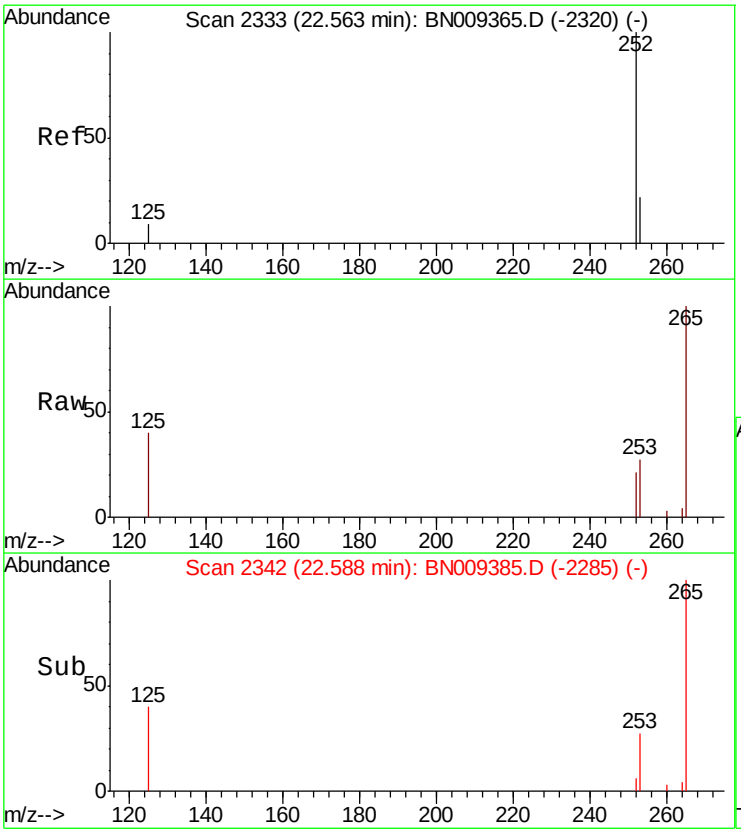
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 7037

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	75.4	68.2	102.4

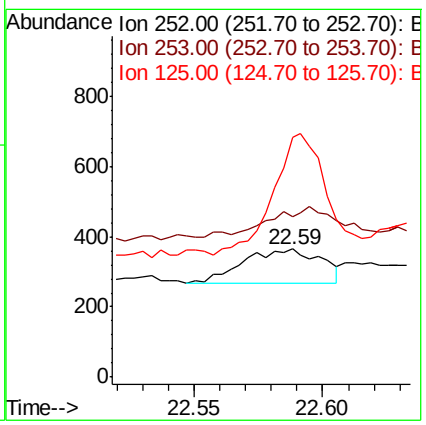


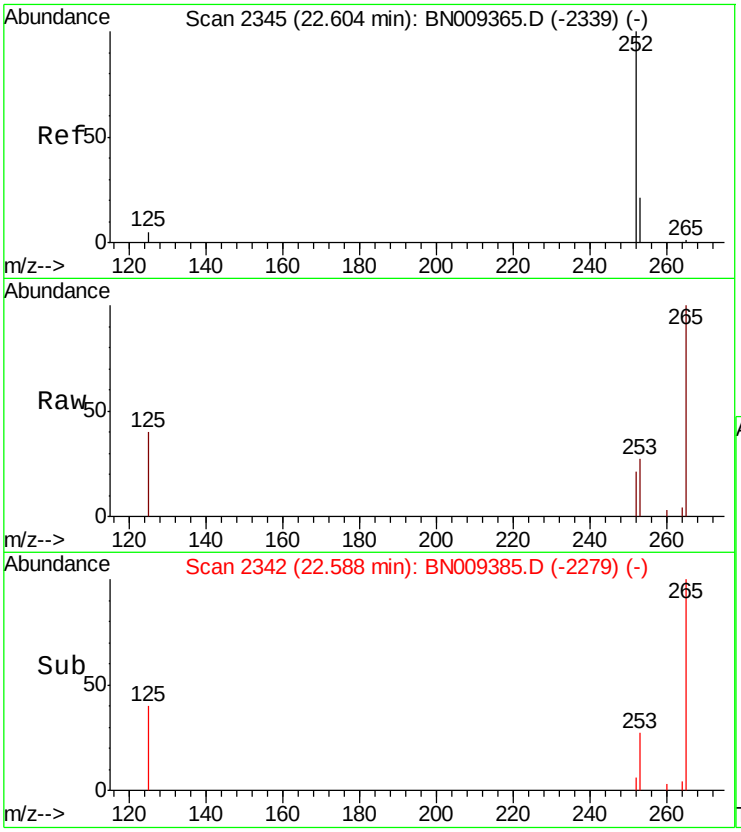


#35
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 22.59 min Scan# 2342
Delta R.T. 0.03 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:252 Resp: 212

Ion	Ratio	Lower	Upper
252	100		
253	125.5	22.4	33.6#
125	187.1	11.6	17.4#



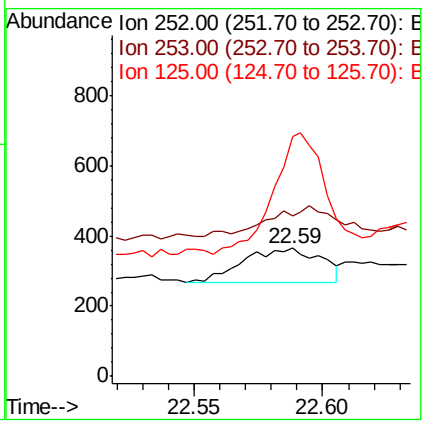


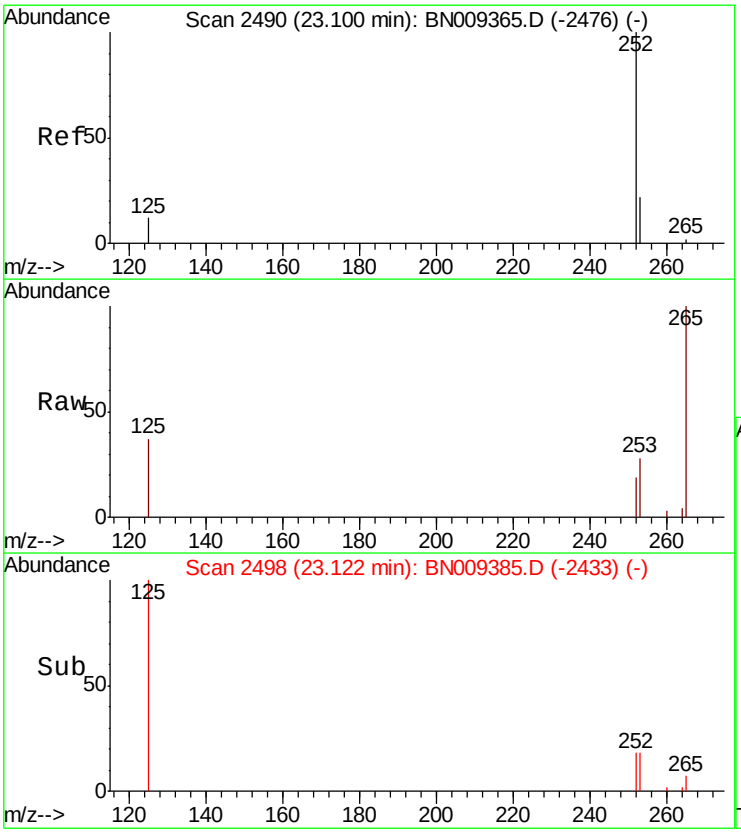
#36
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 22.59 min Scan# 2342
Delta R.T. -0.02 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 212

Ion	Ratio	Lower	Upper
252	100		
253	125.5	21.9	32.9#
125	187.1	12.0	18.0#

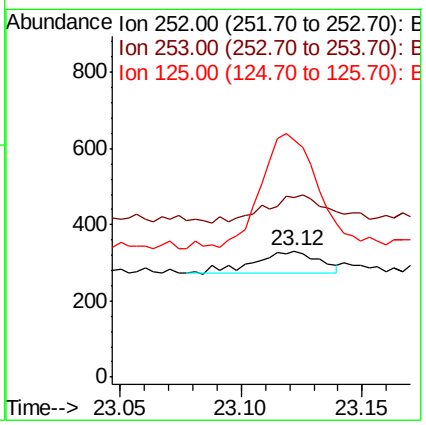


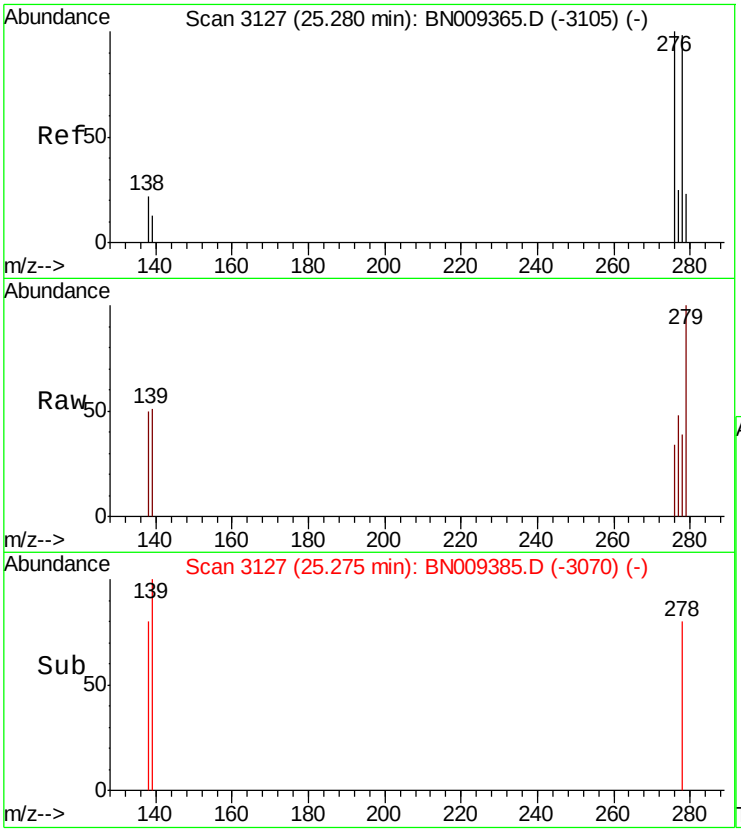


#37
Benzo(a)pyrene
Concen: 0.004 ng
RT: 23.12 min Scan# 2498
Delta R.T. 0.02 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:252 Resp: 101

Ion	Ratio	Lower	Upper
252	100		
253	142.3	25.4	38.0#
125	188.2	16.2	24.2#



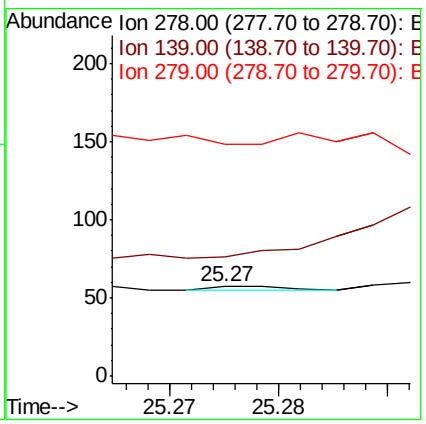


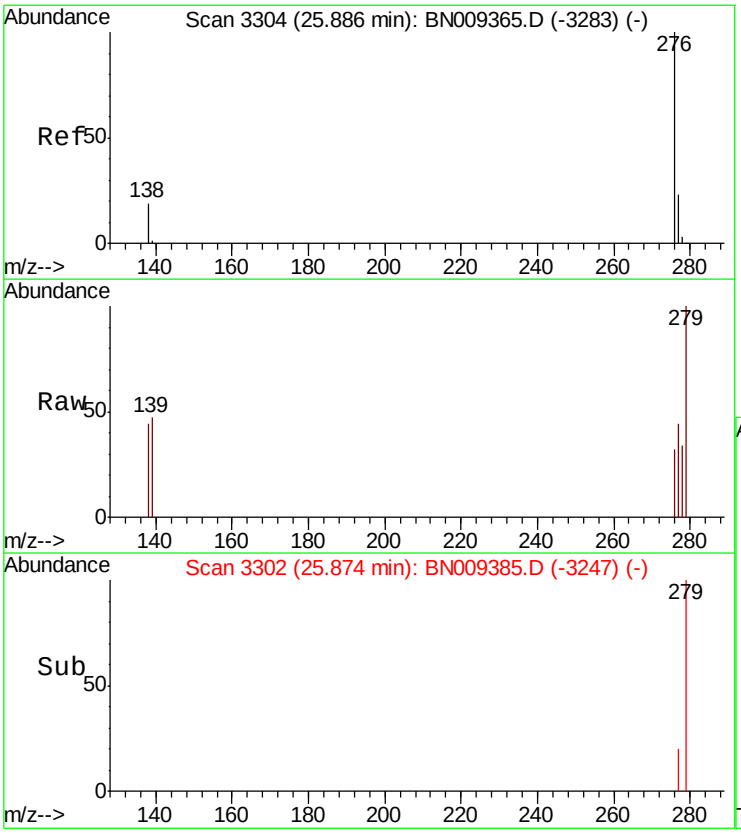
#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.27 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 1

Ion	Ratio	Lower	Upper
278	100		
139	133.3	14.5	21.7#
279	259.6	24.2	36.4#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 25.87 min Scan# 3302
Delta R.T. -0.01 min
Lab File: BN009385.D
Acq: 16 Jan 2020 15:23

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
277	137.3	20.6	30.8#
138	137.3	17.1	25.7#