Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
Data File : BN009381.D
Acq On : 15 Jan 2020 16:51
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 15 17:31:49 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	7.47	152	1462	0.40	ng		0.00
7) Naphthalene-d8	10.23	136	5066	0.40	ng		0.00
13) Acenaphthene-d10	14.10	164	3233	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	7194	0.40	ng		0.00
27) Chrysene-d12	21.07	240	6290	0.40	ng		0.00
34) Perylene-d12	23.19	264	6372	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1318	0.39	ng		0.00
5) Phenol-d6	6.67	99	1576	0.40	ng		0.00
8) Nitrobenzene-d5	8.62	82	1546	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.82	152	3934	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.62	330	442	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.72	172	4910	0.41	ng		0.00
25) Fluoranthene-d10	18.90	212	9430	0.38	ng		0.00
29) Terphenyl-d14	19.52	244	6005	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	609	0.399	ng		99
3) n-Nitrosodimethylamine	3.47	42	866	0.368	ng	#	91
6) bis(2-Chloroethyl)ether	6.92	93	1503	0.375	ng		97
9) Naphthalene	10.27	128	5695	0.415	ng		99
10) Hexachlorobutadiene	10.56	225	1221	0.406	ng	#	99
12) 2-Methylnaphthalene	11.90	142	3899	0.408	ng		99
16) Acenaphthylene	13.82	152	5268	0.378	ng		99
17) Acenaphthene	14.17	154	3957	0.404	ng		99
18) Fluorene	15.16	166	5022	0.393	ng		100
20) 4-Bromophenyl-phenylether	16.06	248	1673	0.386	ng		91
21) Hexachlorobenzene	16.17	284	1767	0.383	ng		99
22) Pentachlorophenol	16.54	266	406	0.396	ng		96
23) Phenanthrene	16.90	178	8420	0.390	ng		100
24) Anthracene	17.00	178	6745	0.372	ng		100
26) Fluoranthene	18.93	202	9694	0.382	ng		100
28) Pyrene	19.29	202	9759	0.409	ng		100
30) Benzo(a)anthracene	21.06	228	7802	0.377	ng		98
31) Chrysene	21.10	228	9965	0.421	ng		99
32) Bis(2-ethylhexyl)phthalate	21.00	149	3637	0.398	ng		99
33) Indeno(1,2,3-cd)pyrene	25.27	276	9945	0.404	ng		98
35) Benzo(b)fluoranthene	22.56	252	9060	0.387	ng		99
36) Benzo(k)fluoranthene	22.61	252	10143	0.392	ng		99
37) Benzo(a)pyrene	23.10	252	8340	0.404	ng		97
38) Dibenzo(a,h)anthracene	25.29	278	7814	0.377	ng		99
39) Benzo(g,h,i)perylene	25.89	276	8761	0.384	ng		99

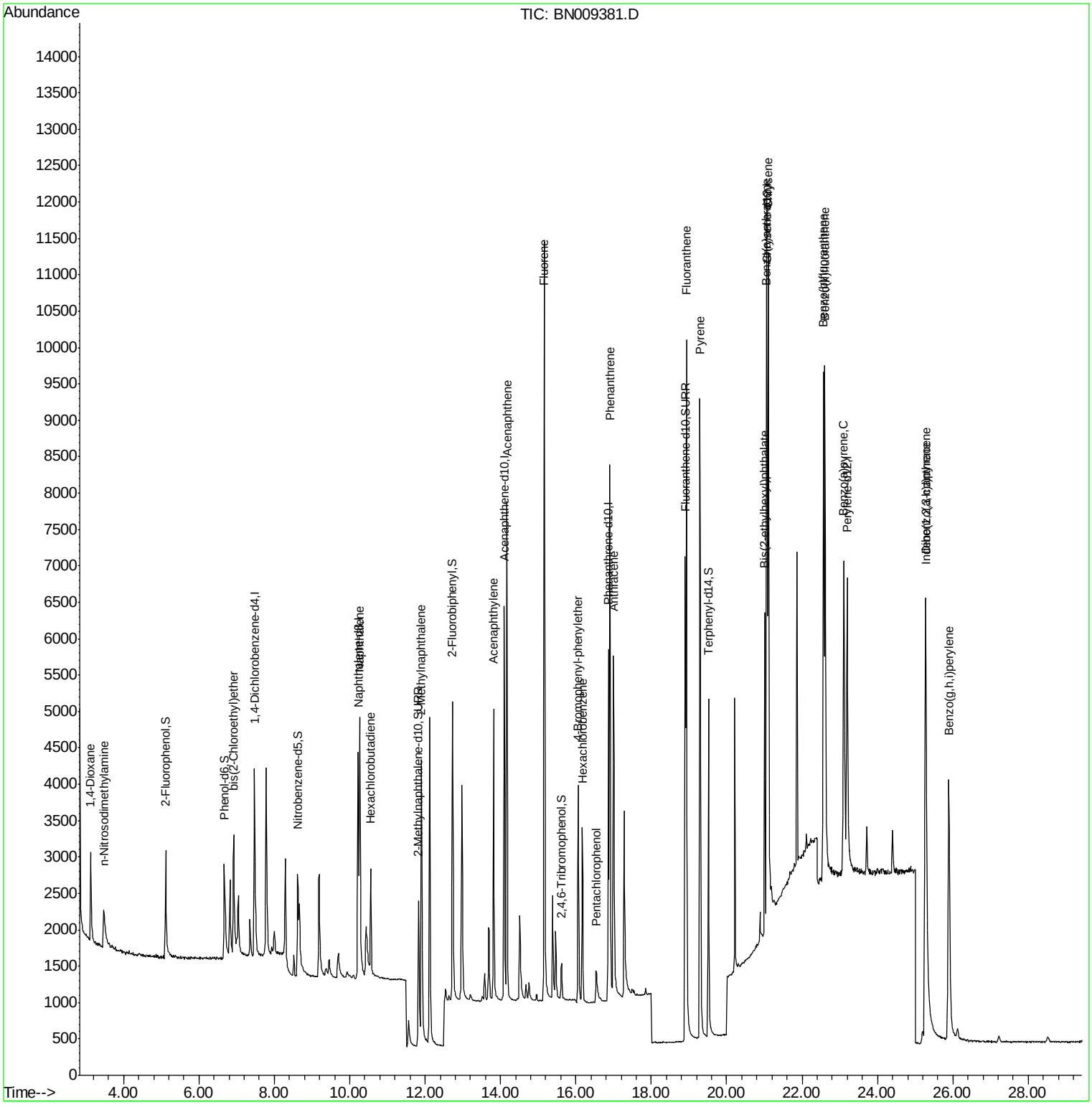
(#) = qualifier out of range (m) = manual integration (+) = signals summed

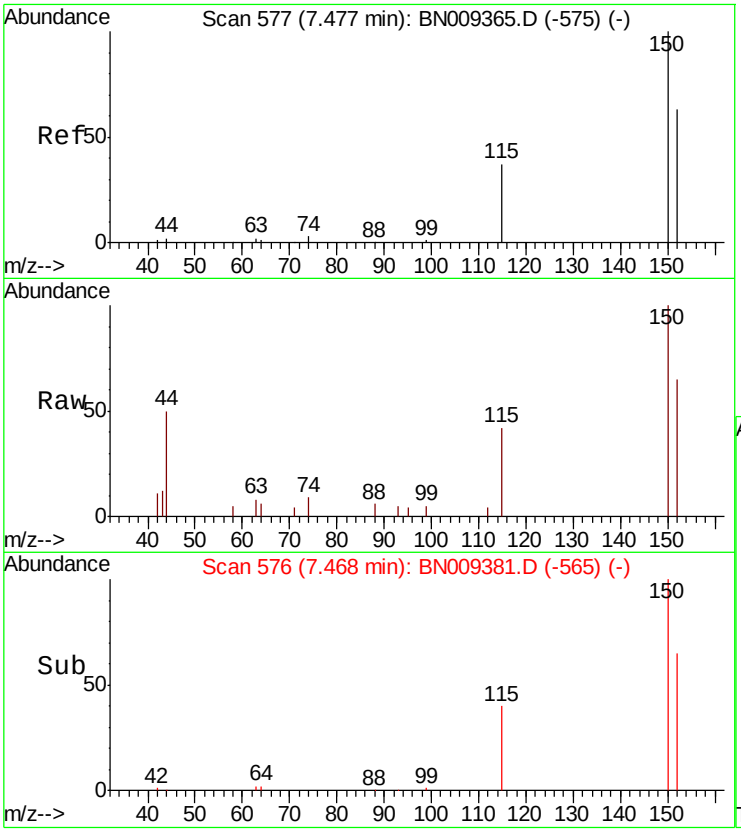
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
Data File : BN009381.D
Acq On : 15 Jan 2020 16:51
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 15 17:31:49 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



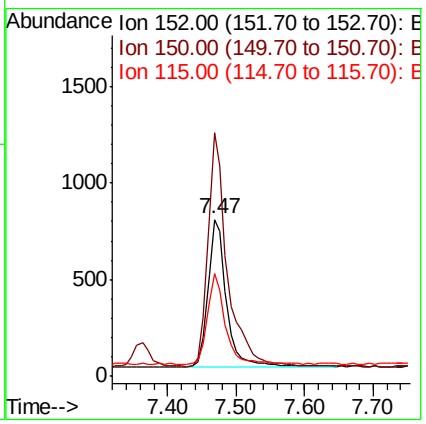


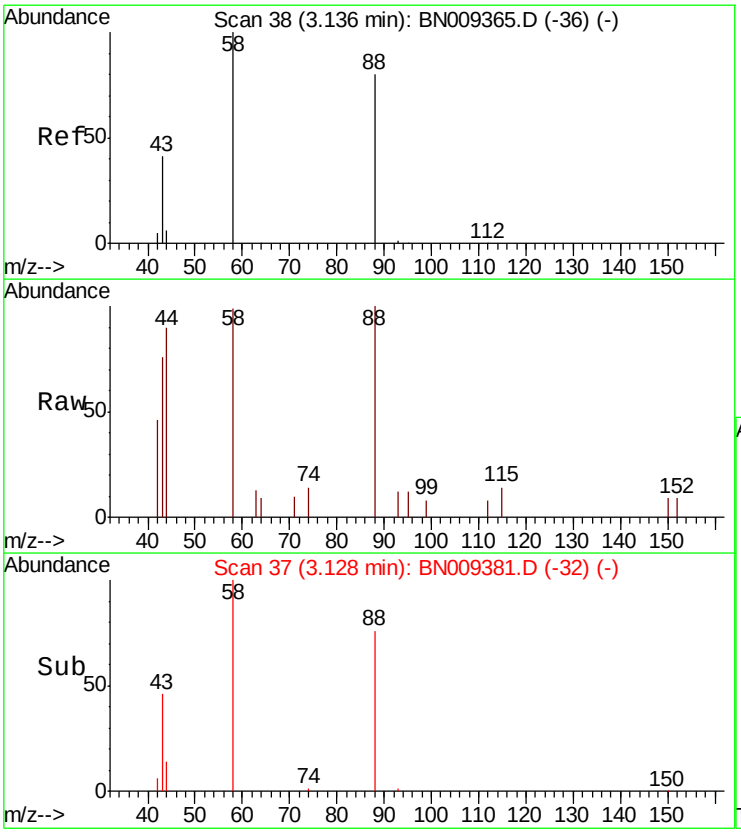
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1462

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.7	188.5
115	65.7	53.3	79.9

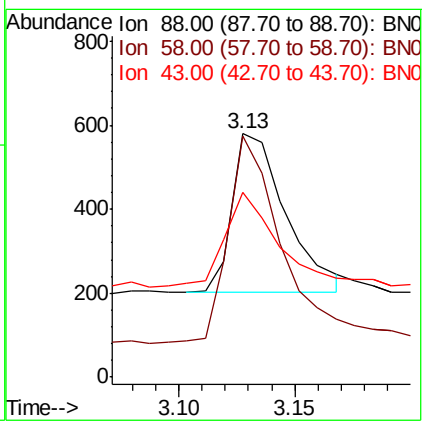


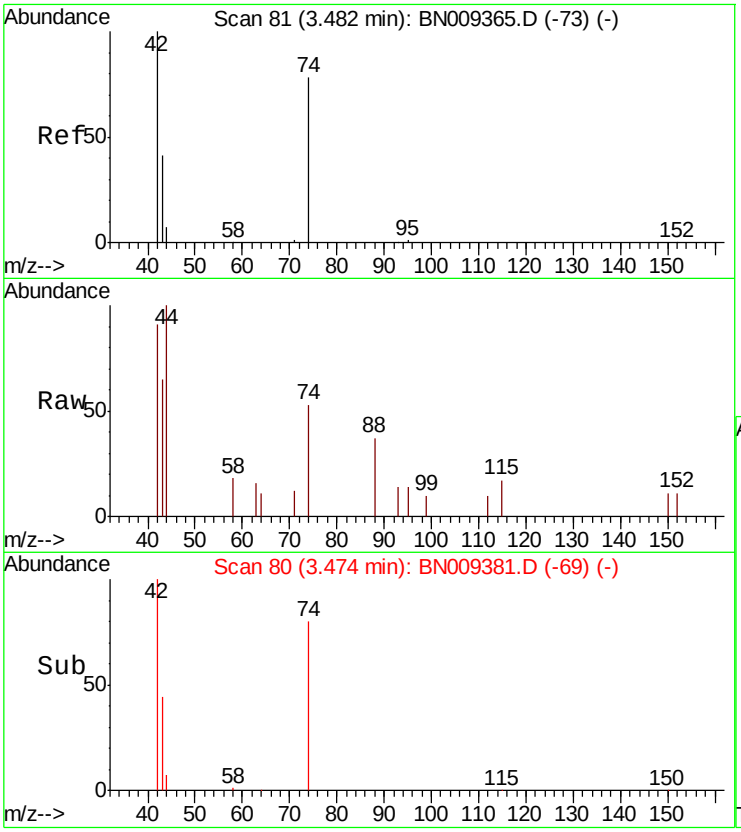


#2
1,4-Dioxane
Concen: 0.399 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion: 88 Resp: 609

Ion	Ratio	Lower	Upper
88	100		
58	125.8	100.2	150.2
43	55.0	43.1	64.7



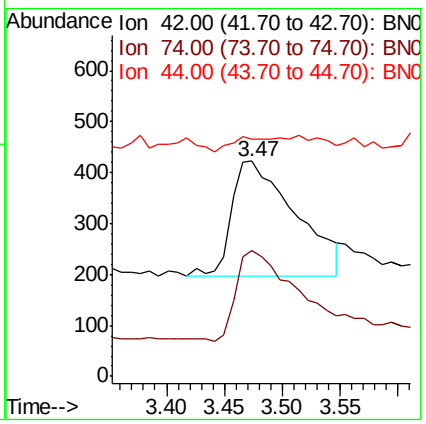


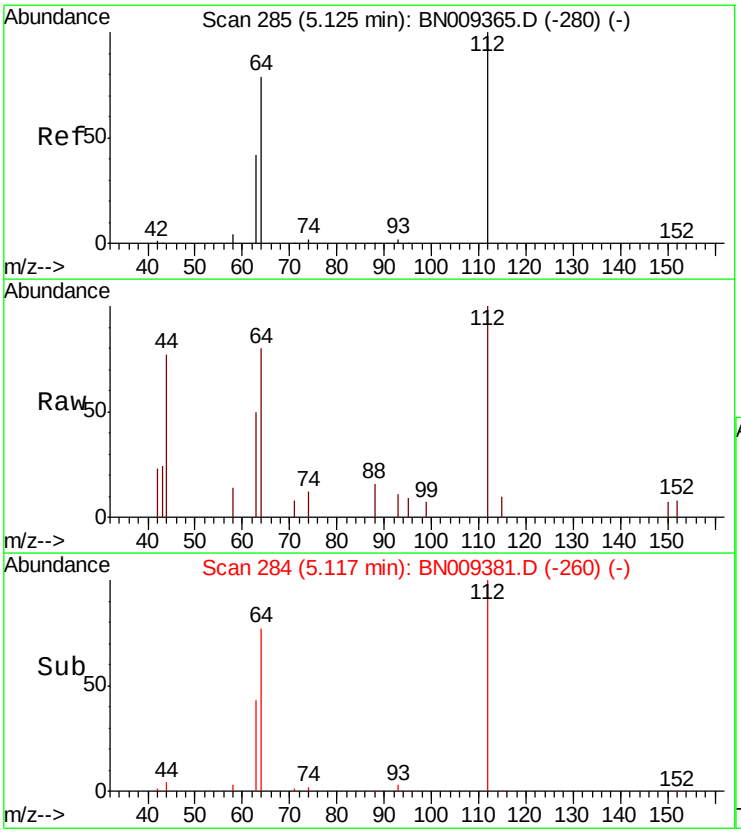
#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.47 min Scan# 80
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 866

Ion	Ratio	Lower	Upper
42	100		
74	75.6	55.8	83.8
44	6.0	11.1	16.7#

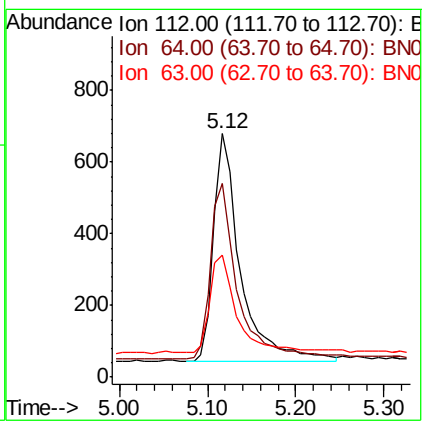


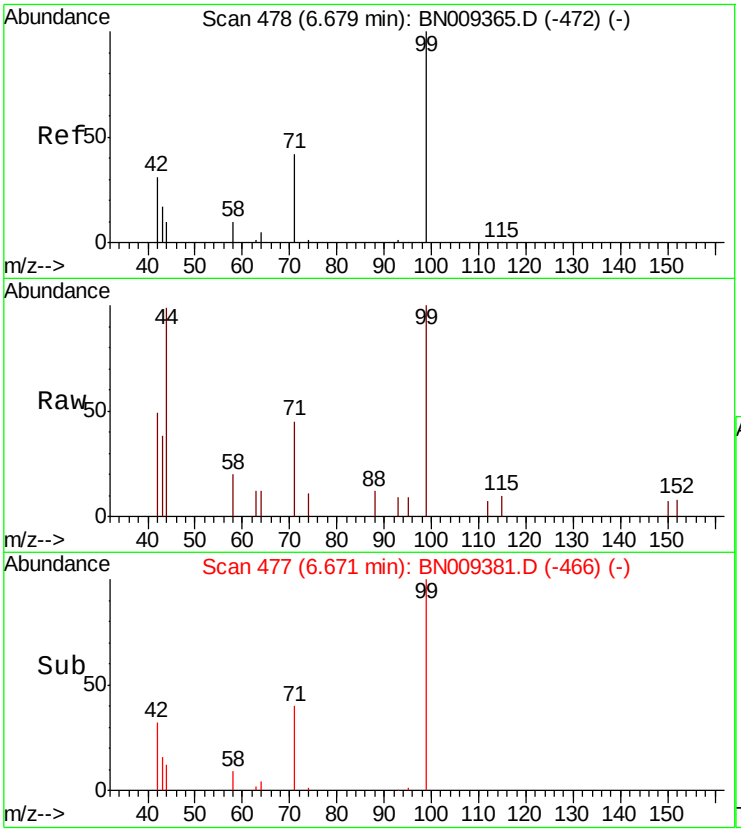


#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:112 Resp: 1318

Ion	Ratio	Lower	Upper
112	100		
64	78.4	61.5	92.3
63	42.5	35.0	52.4



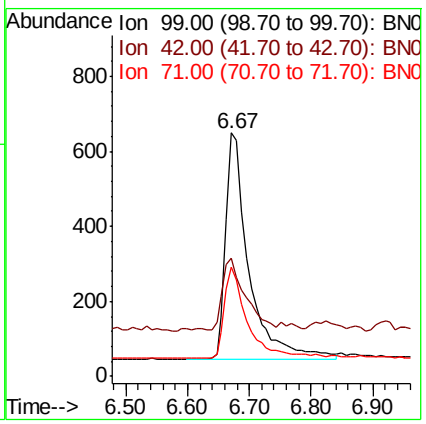


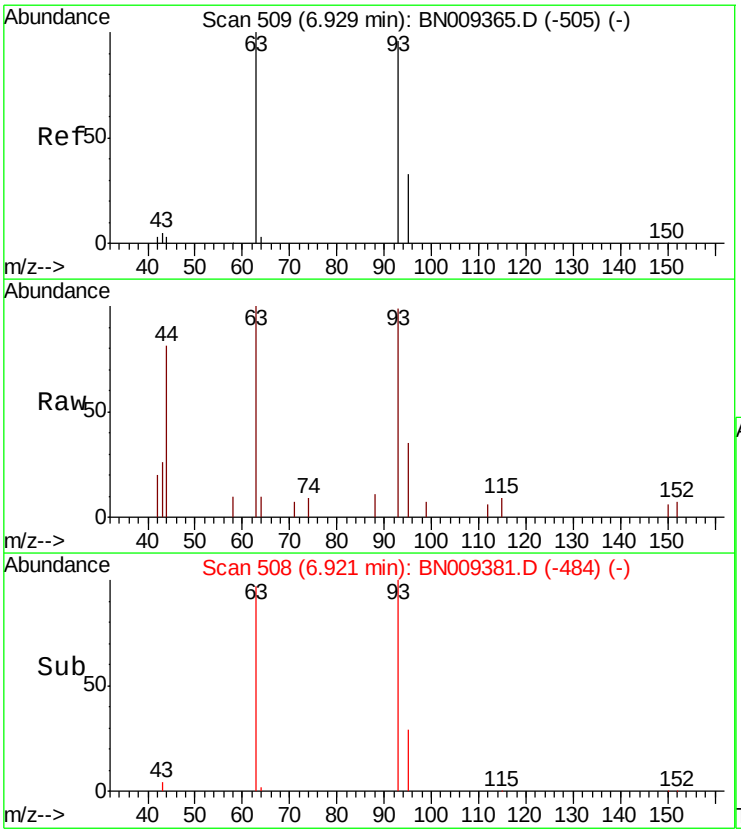
#5
Phenol-d6
Concen: 0.405 ng
RT: 6.67 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1576

Ion	Ratio	Lower	Upper
99	100		
42	30.3	27.6	41.4
71	38.8	33.0	49.6

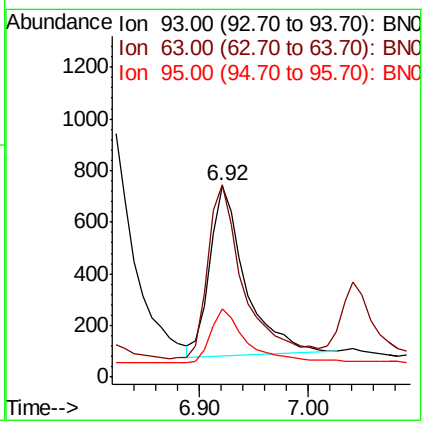


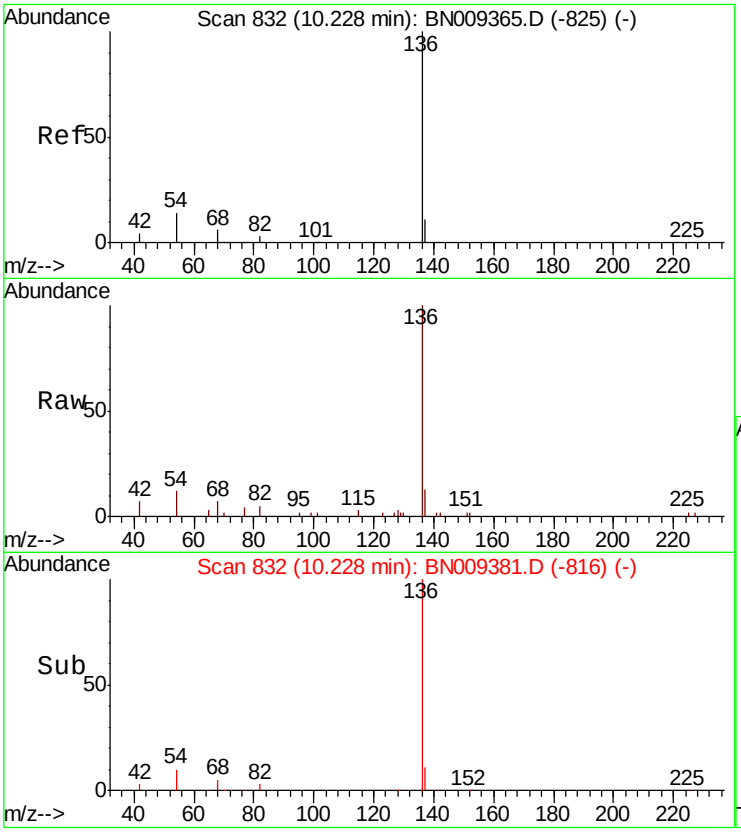


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 6.92 min Scan# 508
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion: 93 Resp: 1503

Ion	Ratio	Lower	Upper
93	100		
63	104.3	85.1	127.7
95	34.9	30.2	45.4



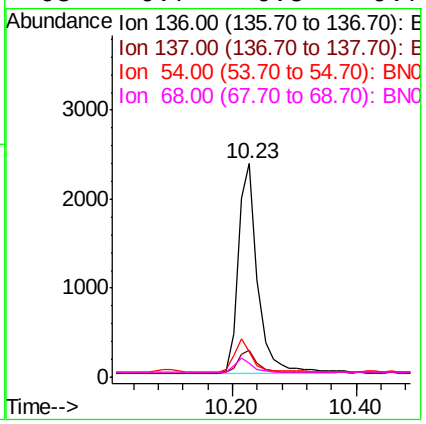


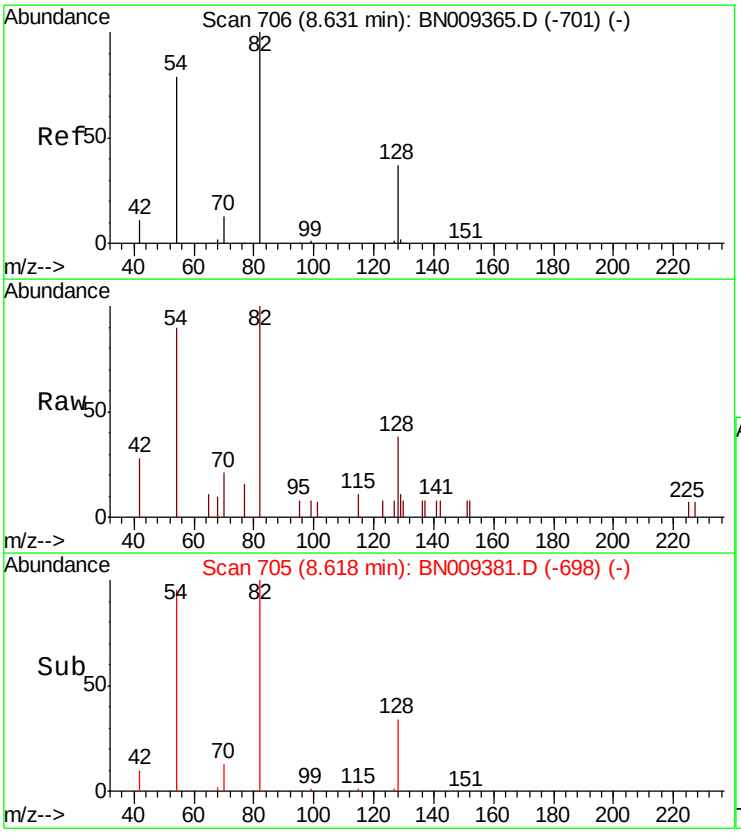
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 5066

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	11.9	12.6	19.0#
68	6.7	6.5	9.7

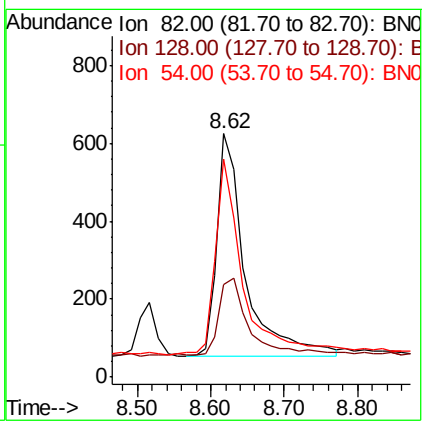


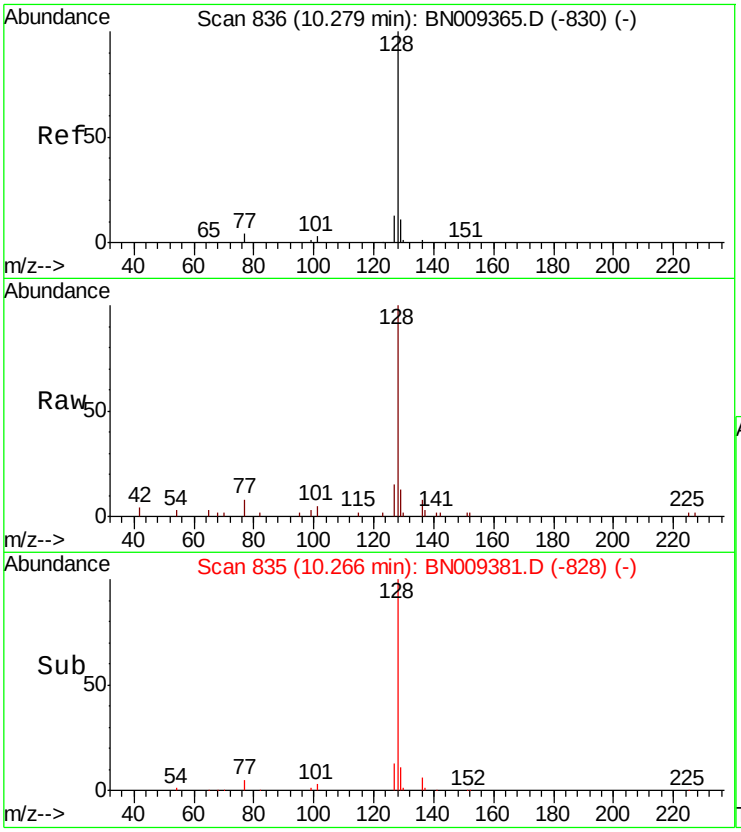


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.62 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion: 82 Resp: 1546

Ion	Ratio	Lower	Upper
82	100		
128	37.8	34.8	52.2
54	89.8	65.8	98.6



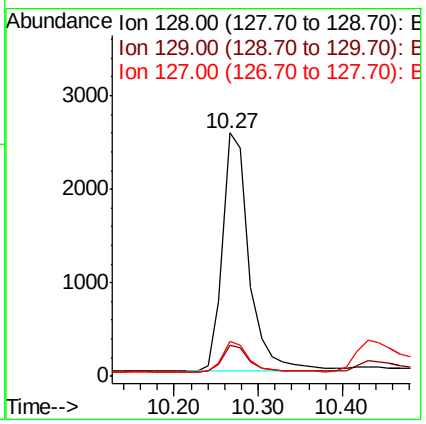


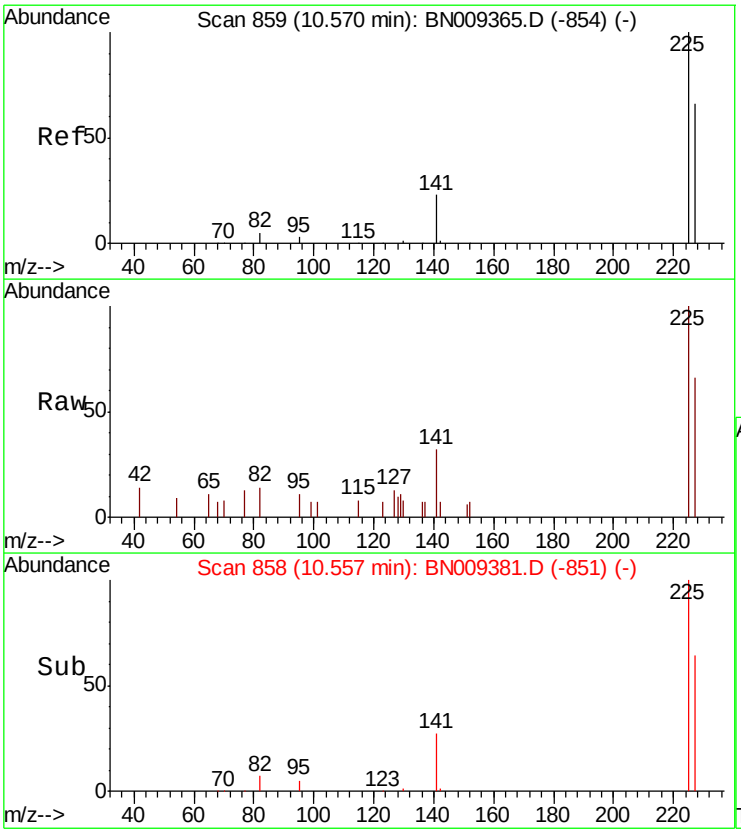
#9
Naphthalene
Concen: 0.415 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5695

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.4	15.6
127	14.6	11.4	17.2

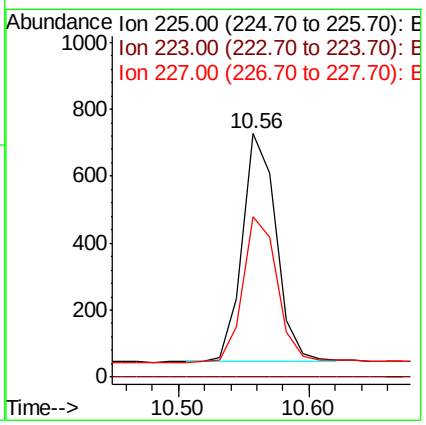


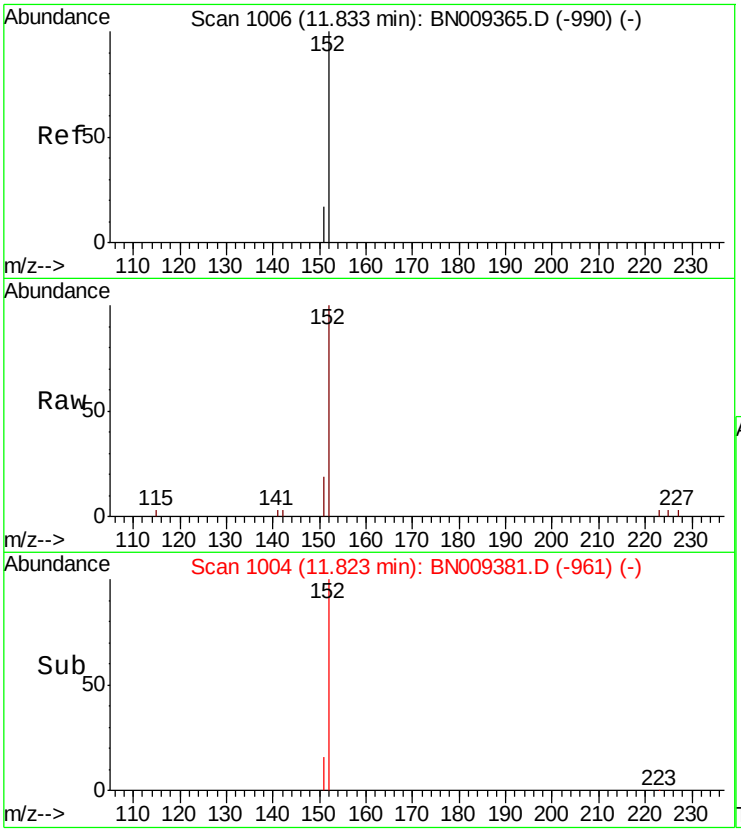


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.56 min Scan# 858
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:225 Resp: 1221

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	52.6	78.8



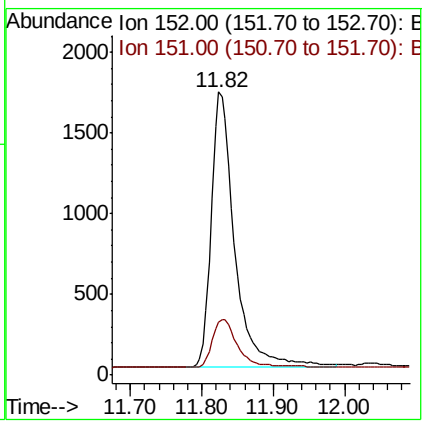


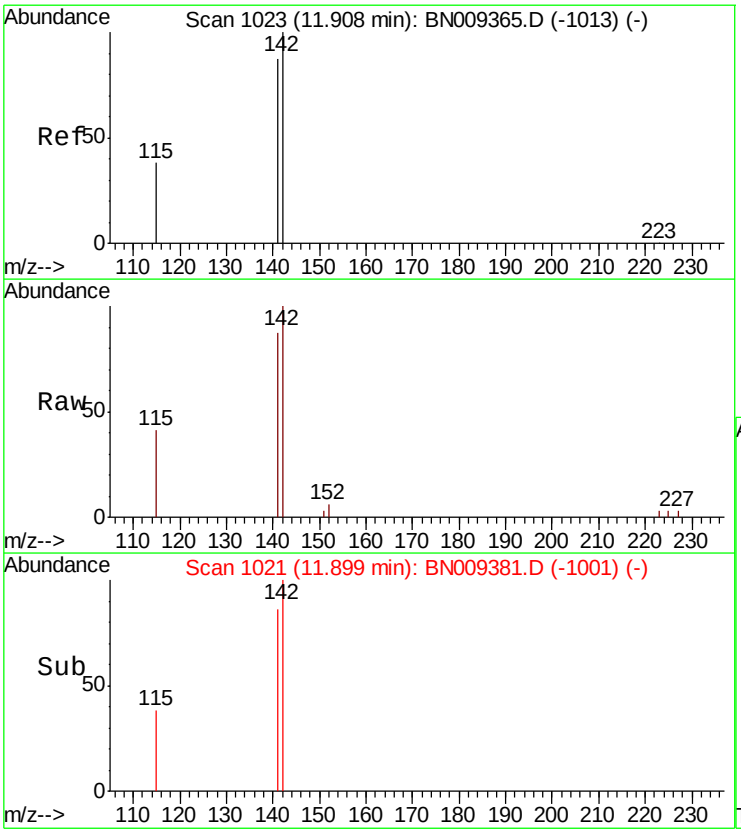
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3934

Ion	Ratio	Lower	Upper
152	100		
151	18.5	14.8	22.2

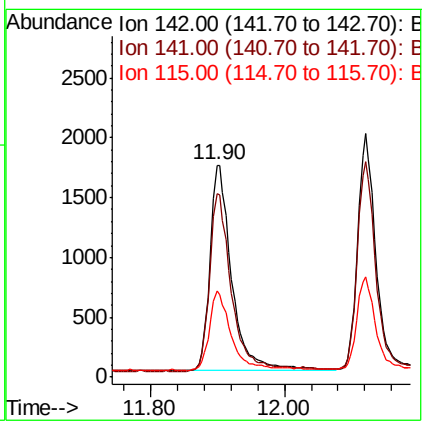


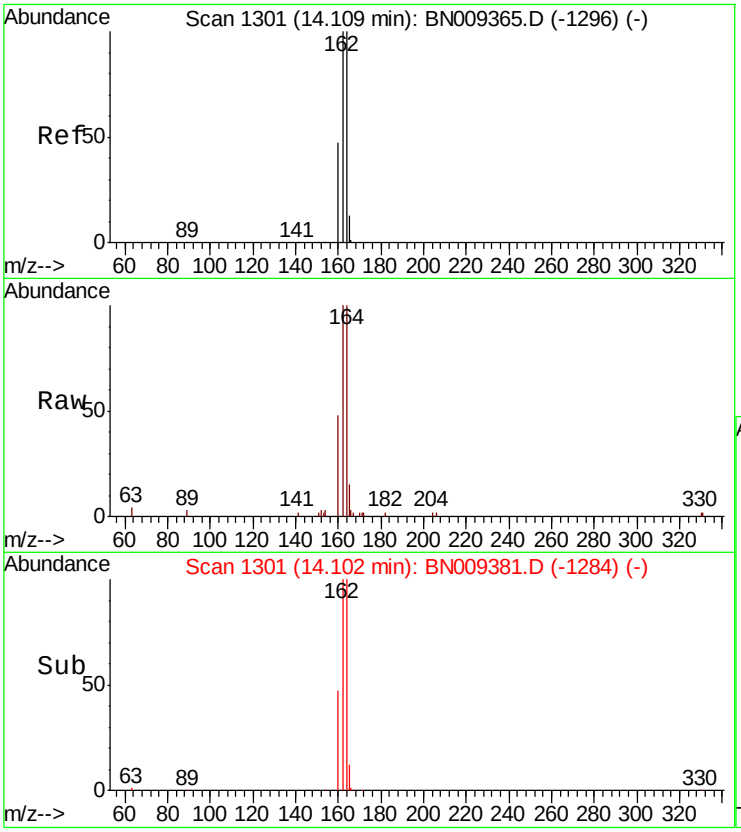


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:142 Resp: 3899

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.8	104.6
115	40.7	32.5	48.7



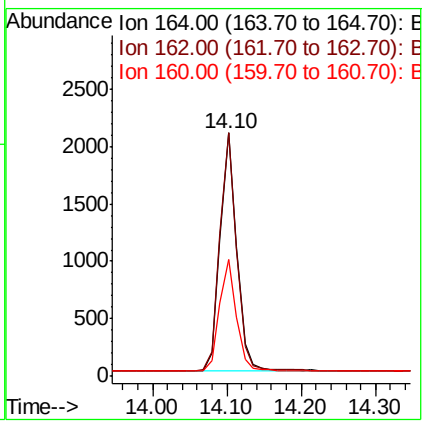


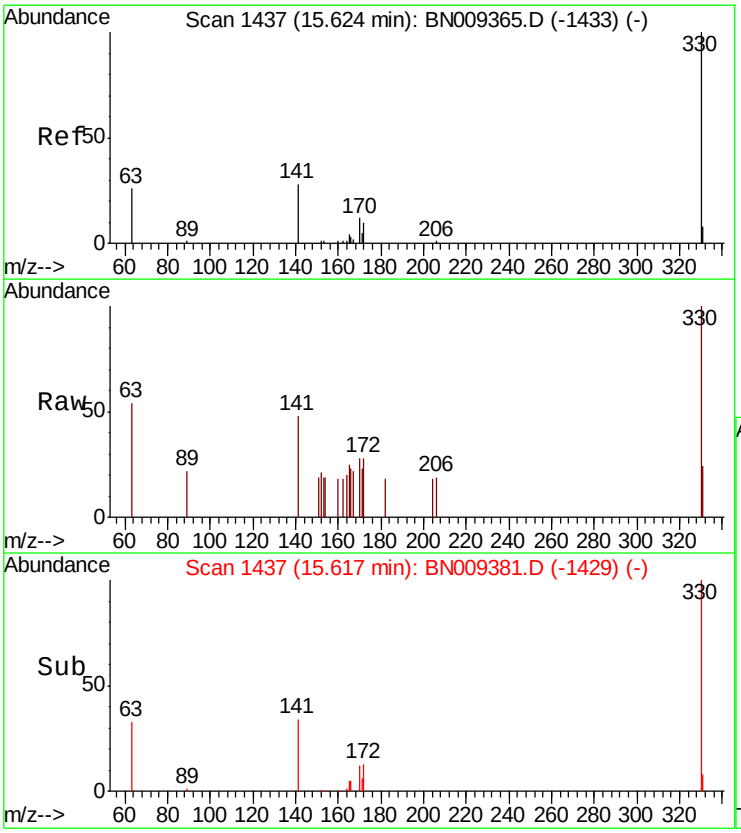
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3233

Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.8	119.6
160	48.0	38.4	57.6

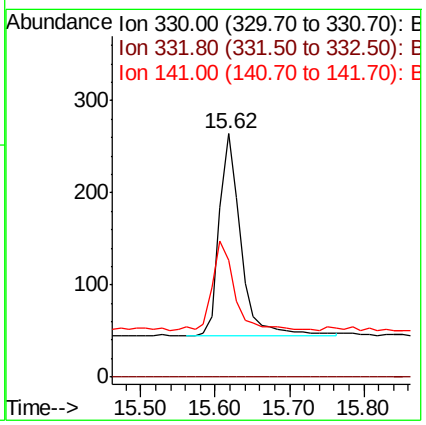


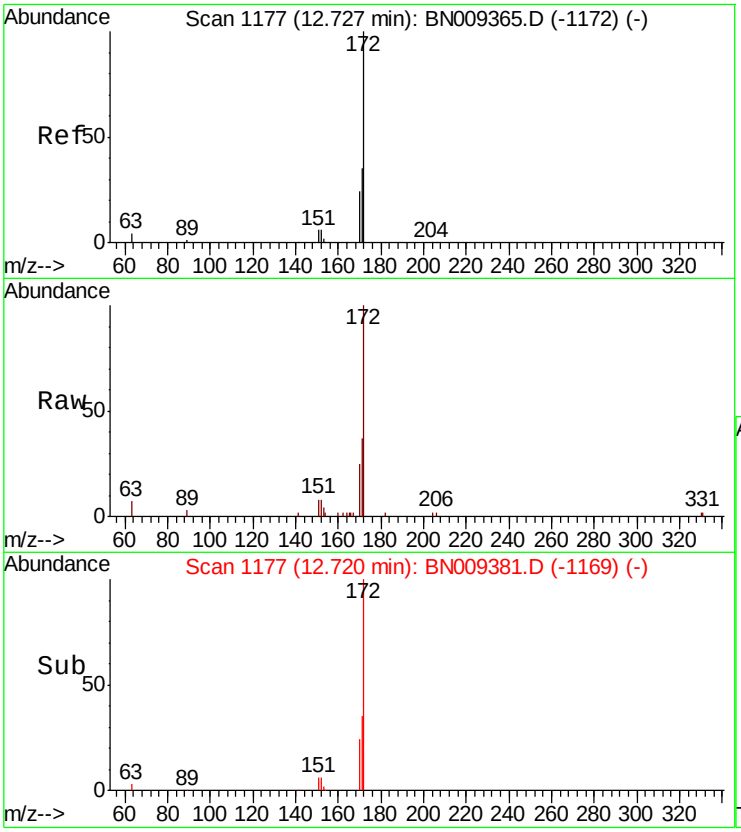


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.62 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:330 Resp: 442

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.0	33.1	49.7



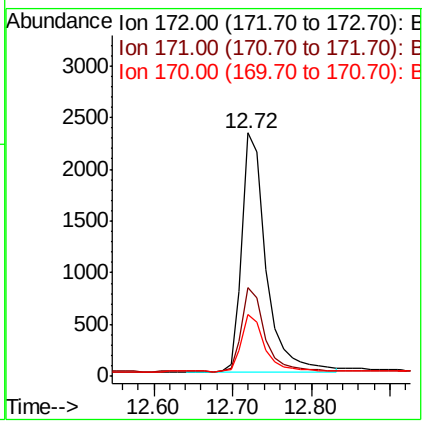


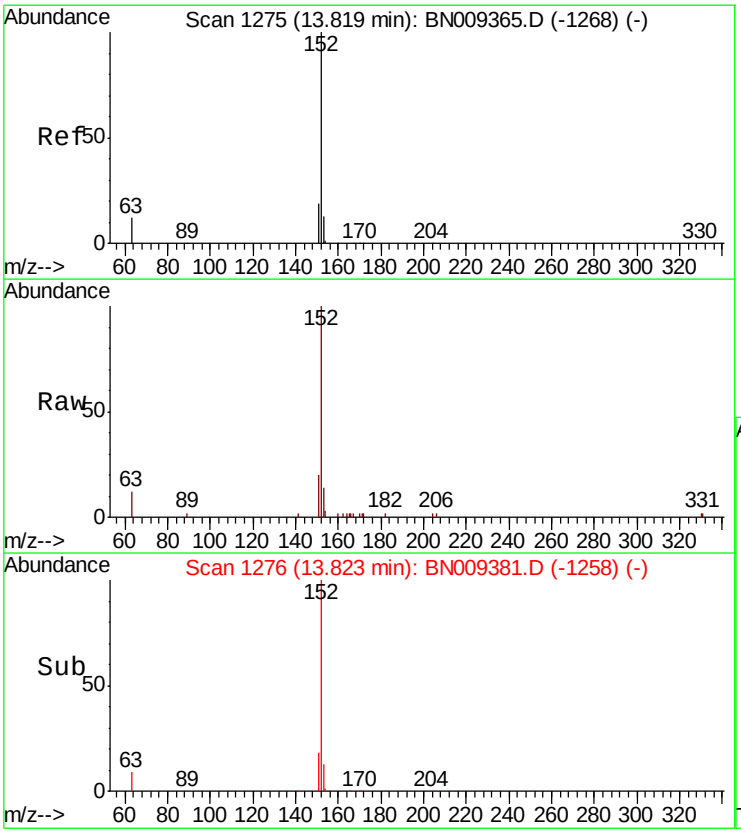
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4910

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	25.2	20.7	31.1

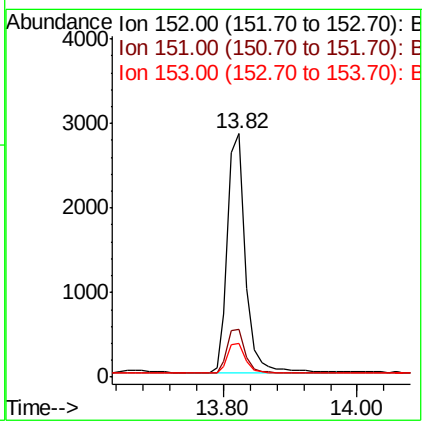


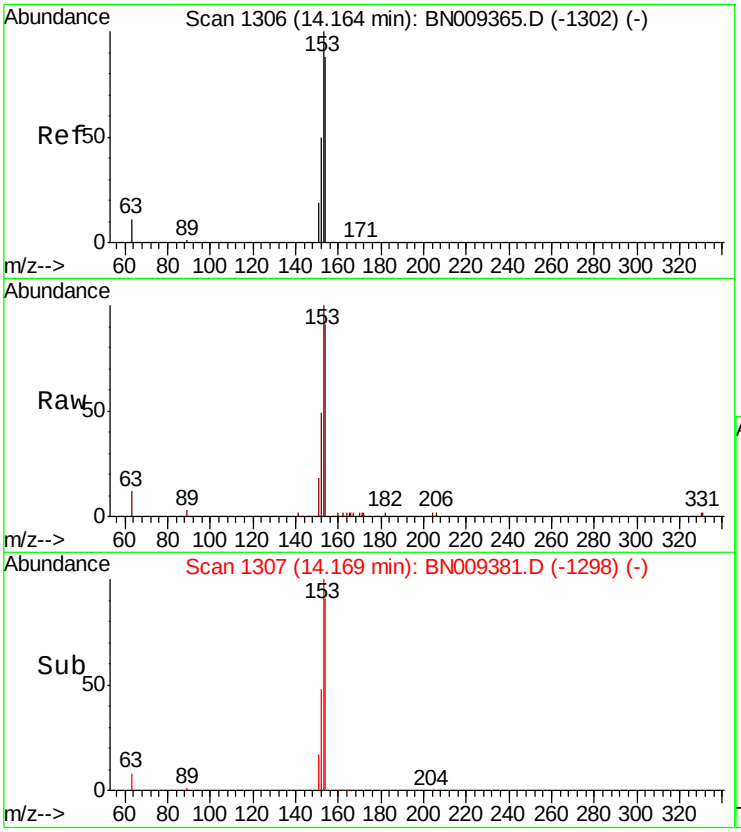


#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.82 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:152 Resp: 5268

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2
153	12.5	10.4	15.6



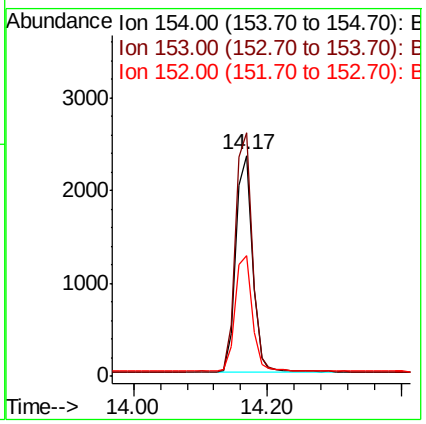


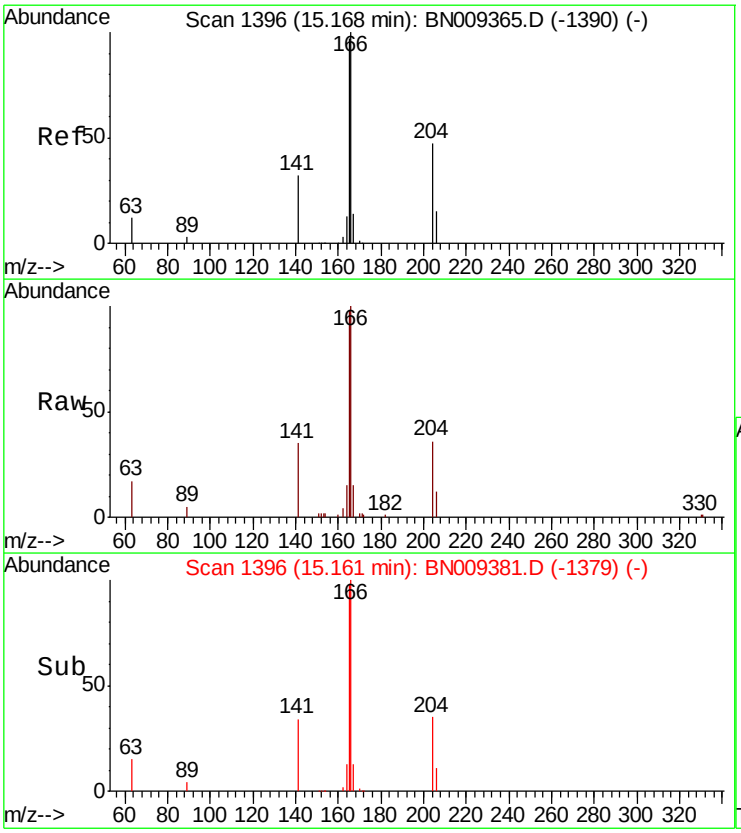
#17
Acenaphthene
Concen: 0.404 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3957

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.5	135.7
152	55.4	45.3	67.9

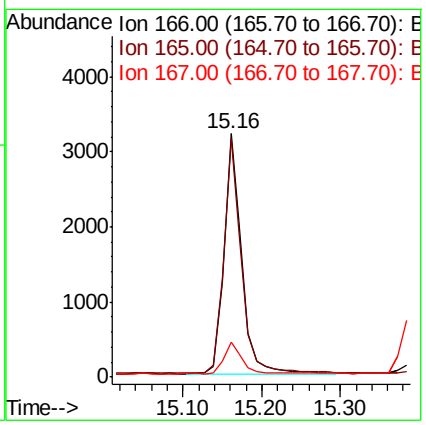


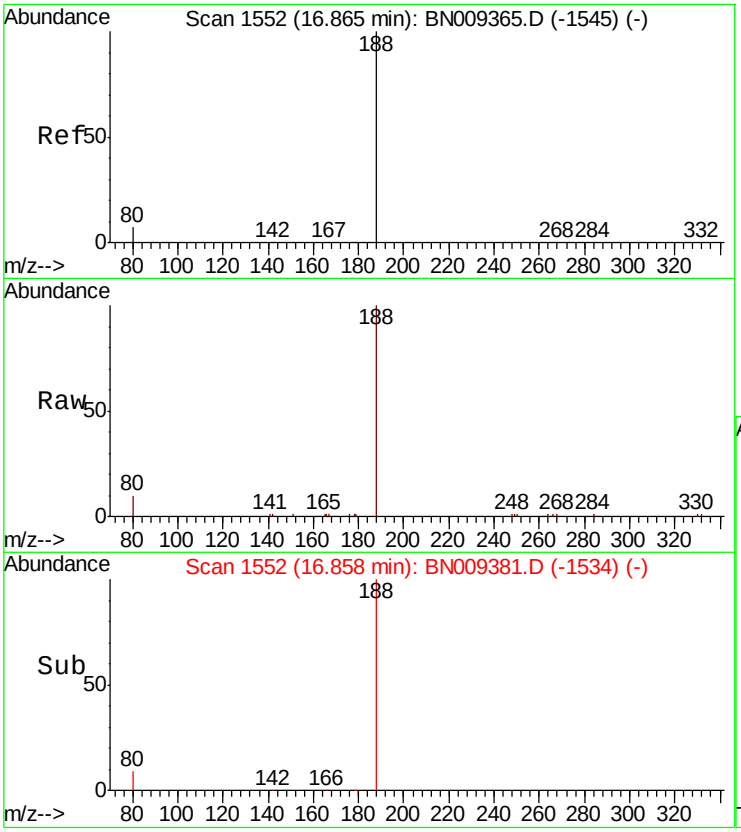


#18
Fluorene
Concen: 0.393 ng
RT: 15.16 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:166 Resp: 5022

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.2	117.2
167	13.6	11.0	16.6



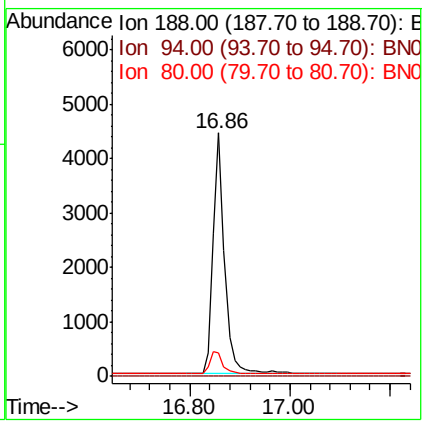


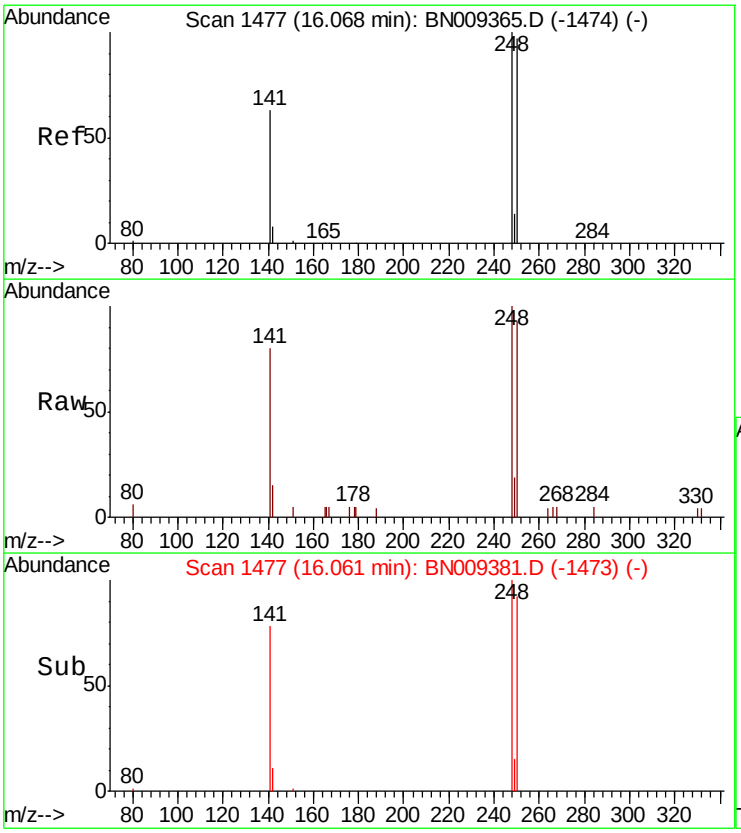
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 7194

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

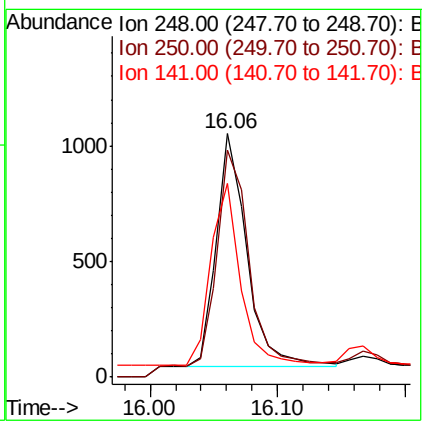


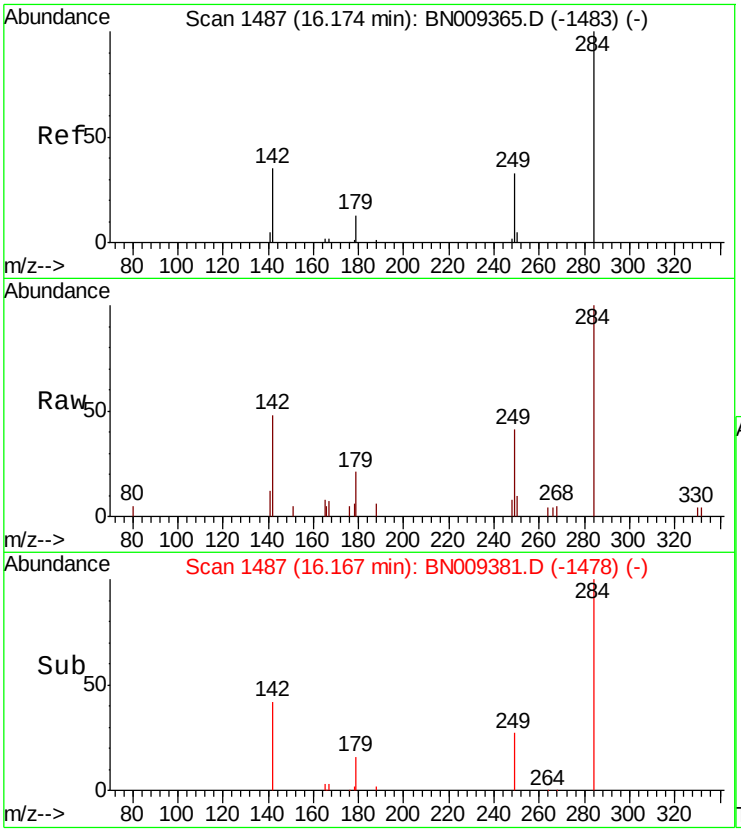


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.06 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:248 Resp: 1673

Ion	Ratio	Lower	Upper
248	100		
250	93.0	77.8	116.8
141	79.7	53.4	80.0



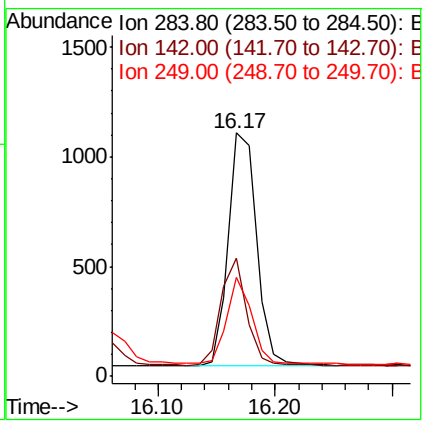


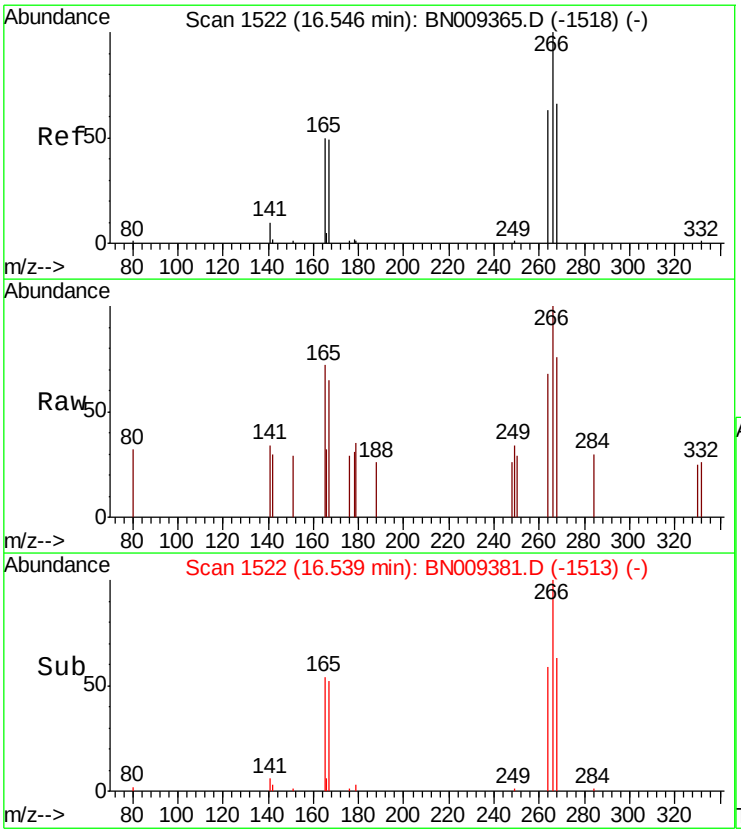
#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1767

Ion	Ratio	Lower	Upper
284	100		
142	42.9	33.8	50.8
249	33.3	27.0	40.4

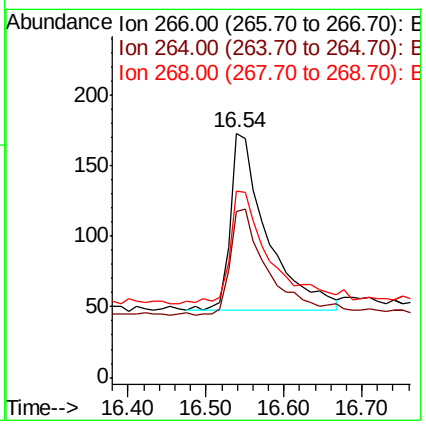


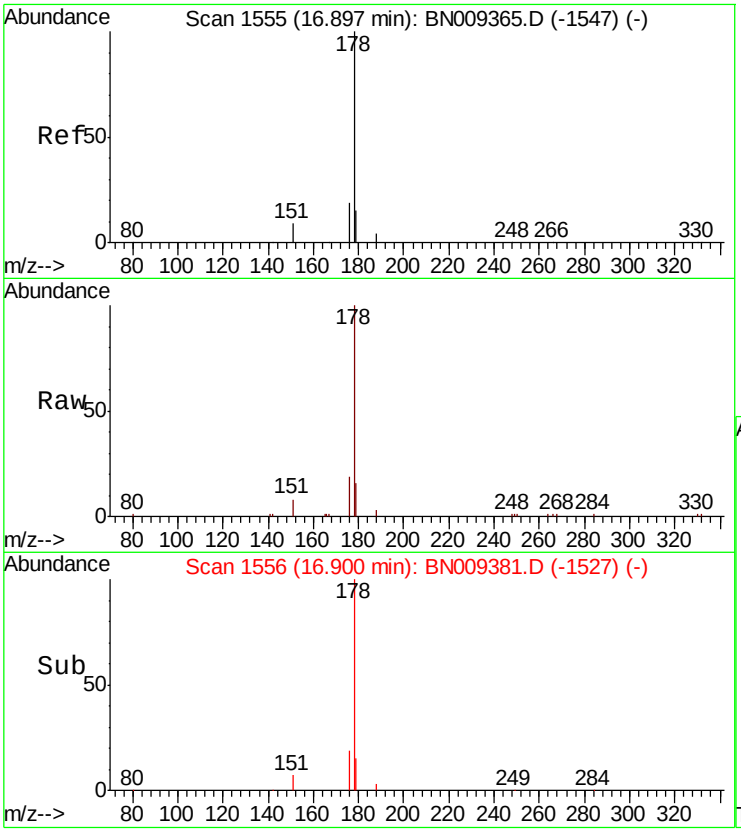


#22
Pentachlorophenol
Concen: 0.396 ng
RT: 16.54 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:266 Resp: 406

Ion	Ratio	Lower	Upper
266	100		
264	68.2	57.8	86.6
268	76.3	63.8	95.6



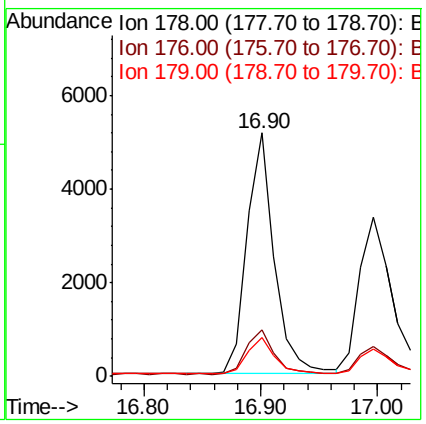


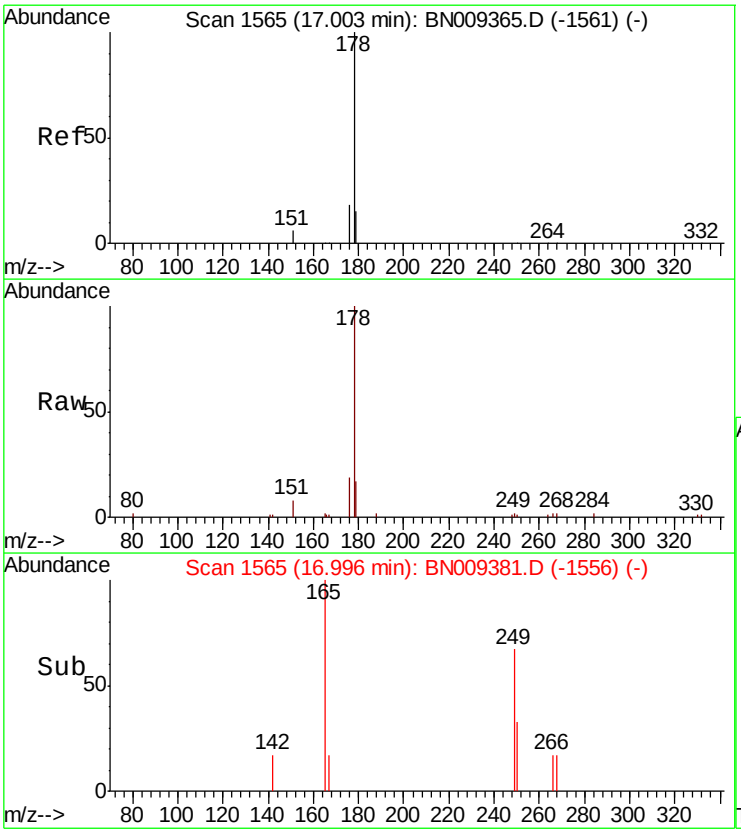
#23
Phenanthrene
Concen: 0.390 ng
RT: 16.90 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8420

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

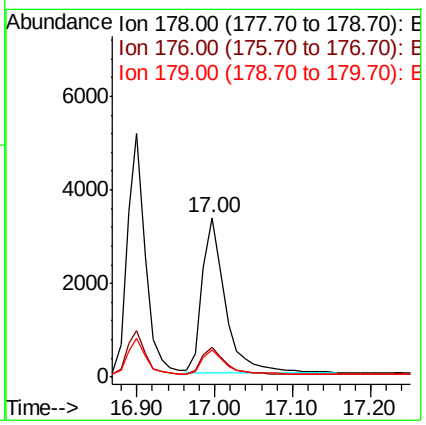


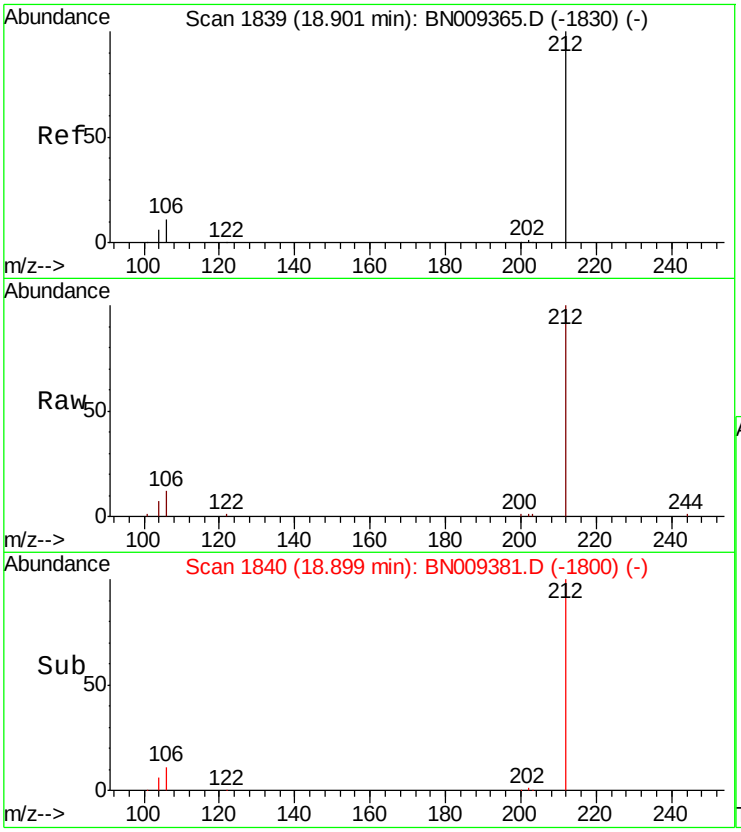


#24
Anthracene
Concen: 0.372 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:178 Resp: 6745

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.2	12.5	18.7



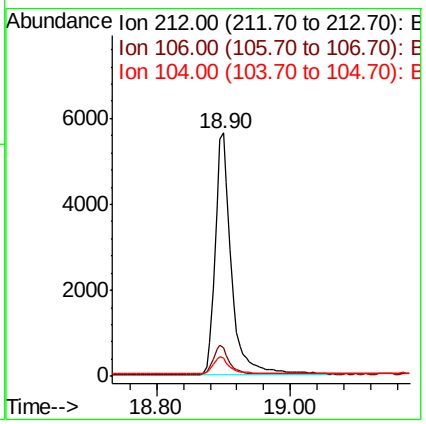


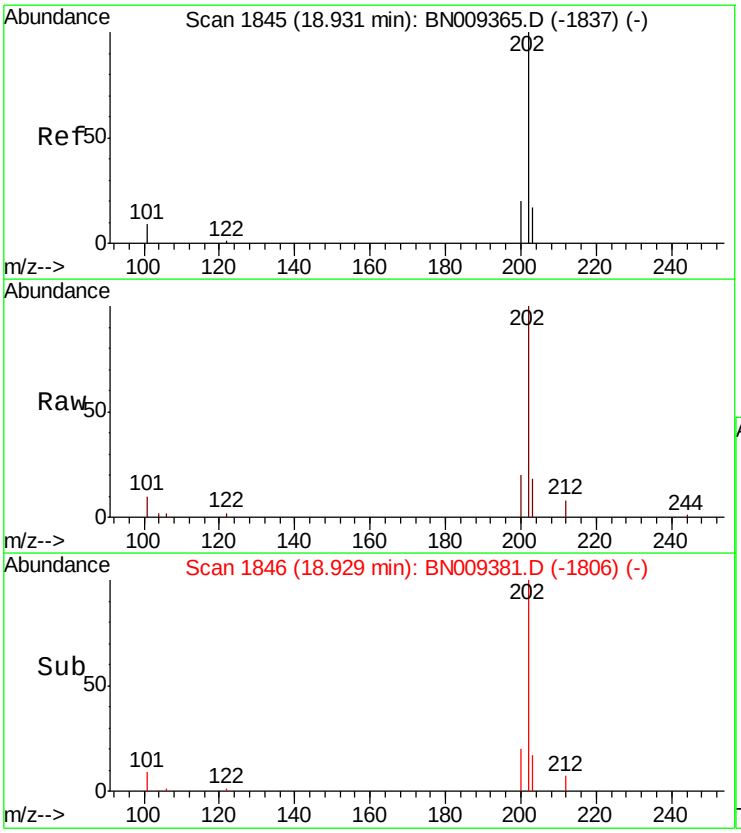
#25
Fluoranthene-d10
Concen: 0.382 ng
RT: 18.90 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 9430

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.2	13.8
104	6.6	5.4	8.0

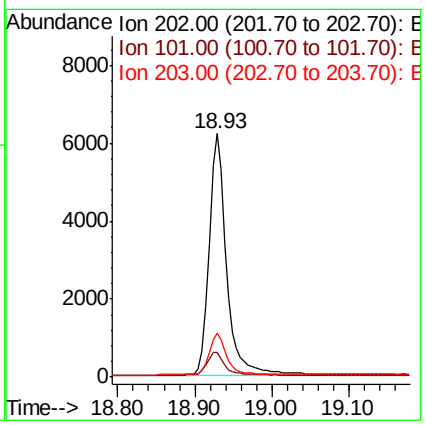


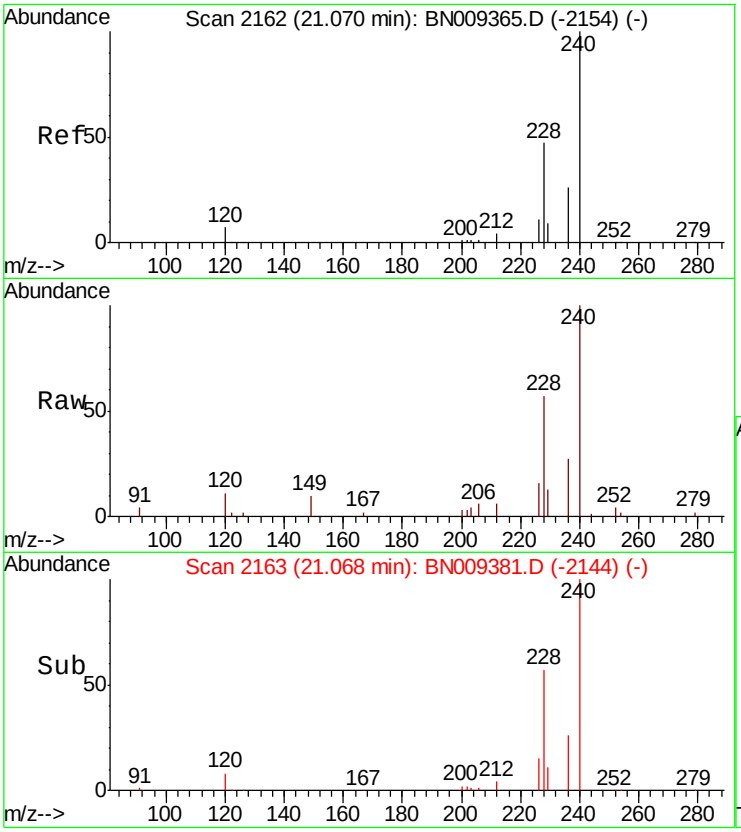


#26
Fluoranthene
Concen: 0.382 ng
RT: 18.93 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:202 Resp: 9694

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.0	12.0
203	17.0	13.5	20.3



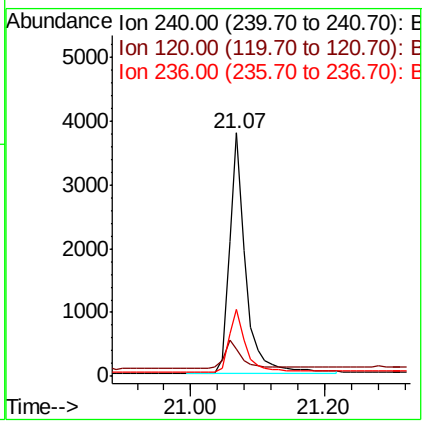


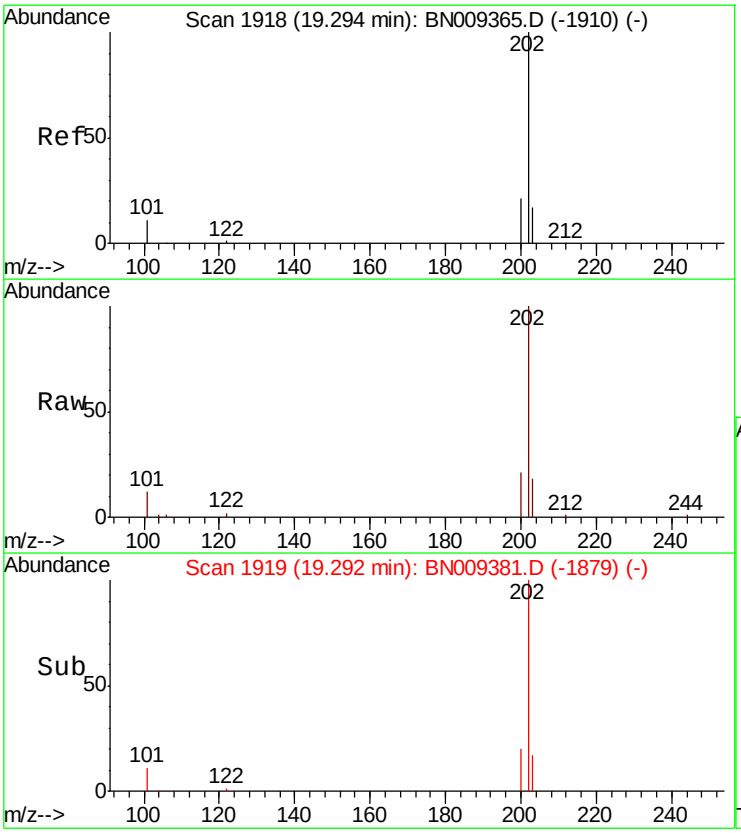
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 6290

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	27.3	22.2	33.4

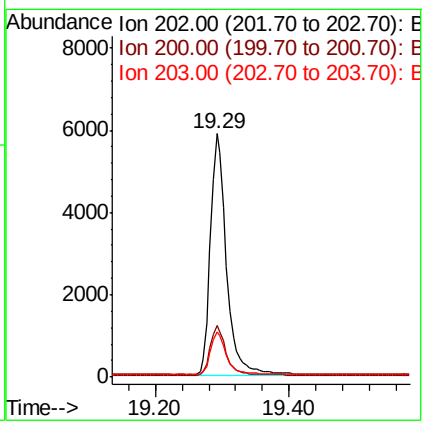


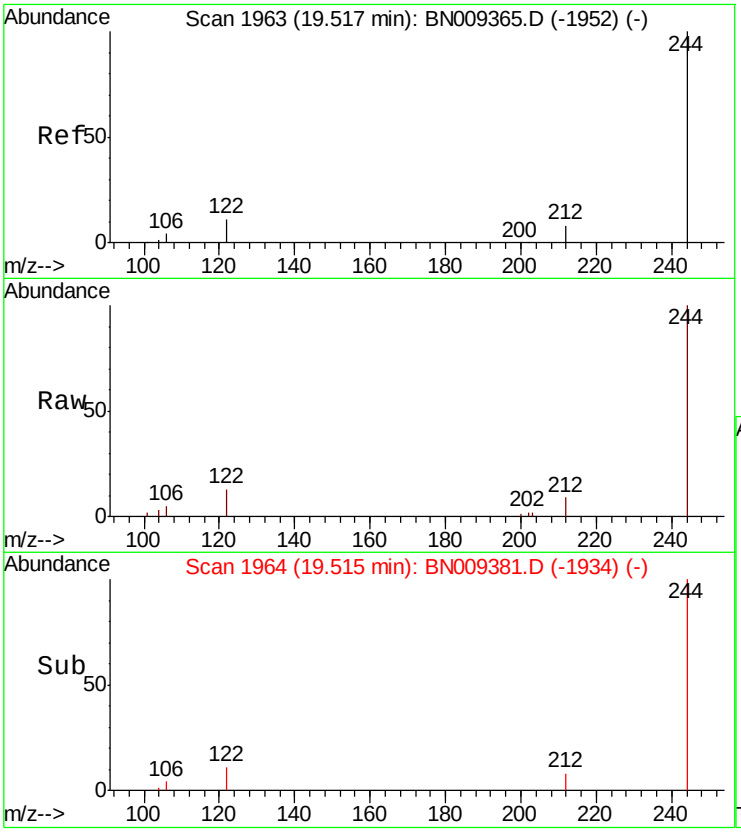


#28
Pyrene
Concen: 0.409 ng
RT: 19.29 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:202 Resp: 9759

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.2
203	17.7	14.1	21.1



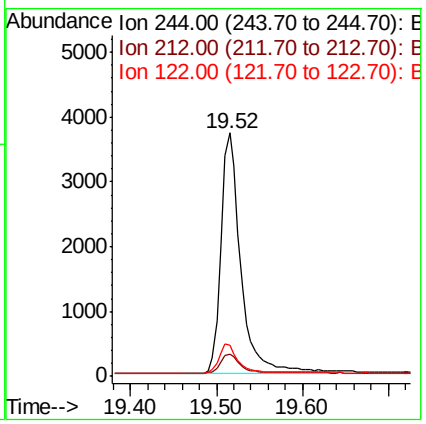


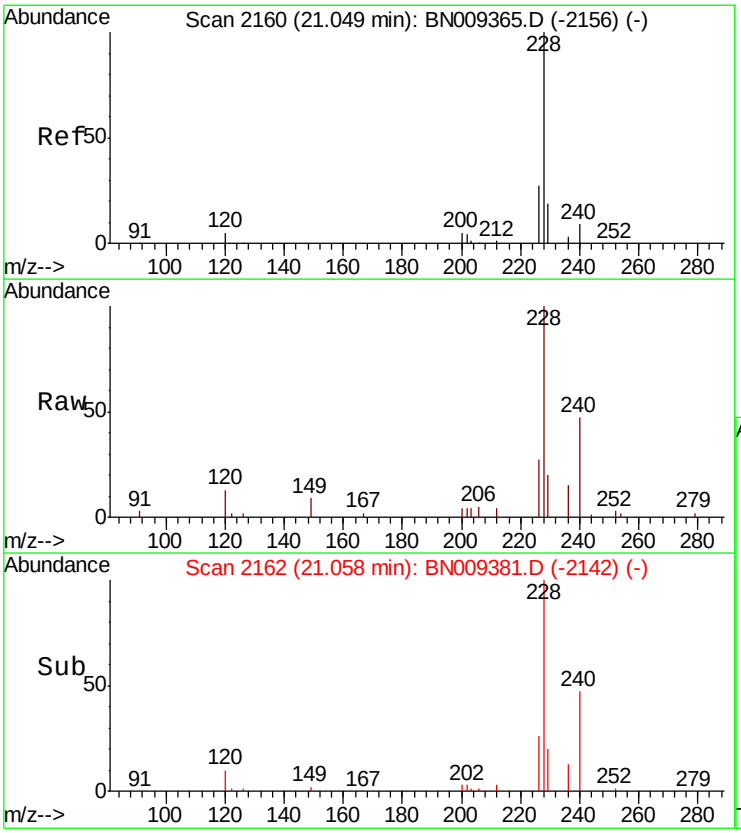
#29
Terphenyl-d14
Concen: 0.403 ng
RT: 19.52 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 6005

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.5	11.3
122	12.7	9.8	14.6

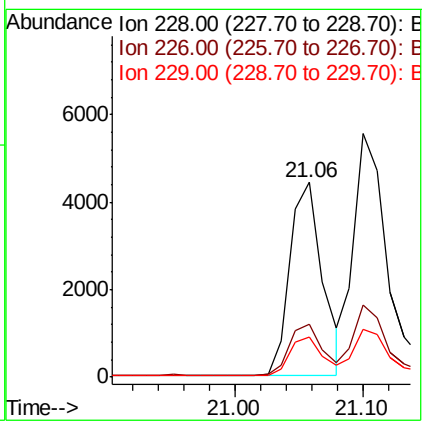


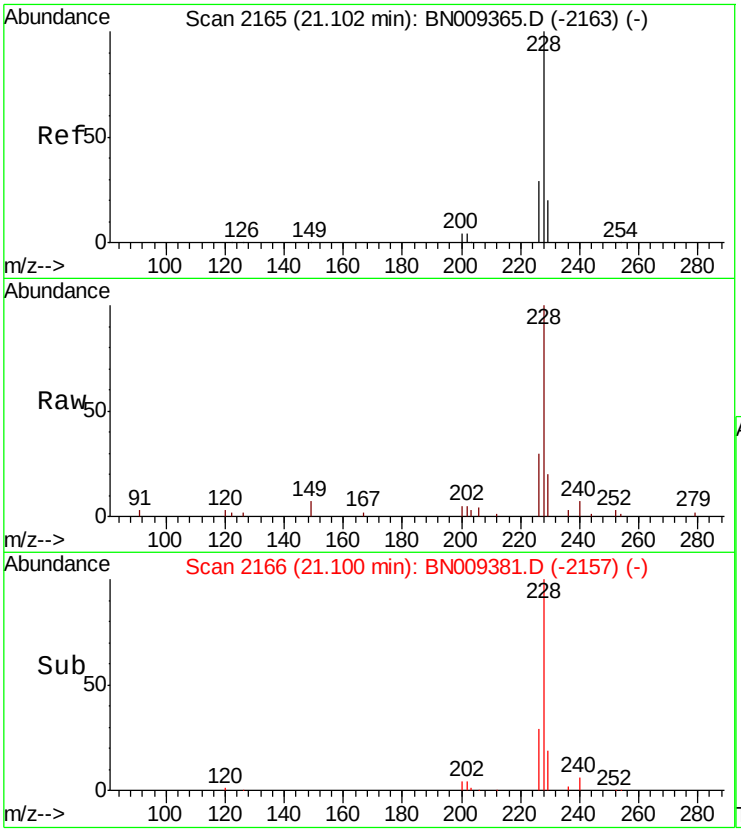


#30
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:228 Resp: 7802

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.5	33.7
229	20.5	16.1	24.1



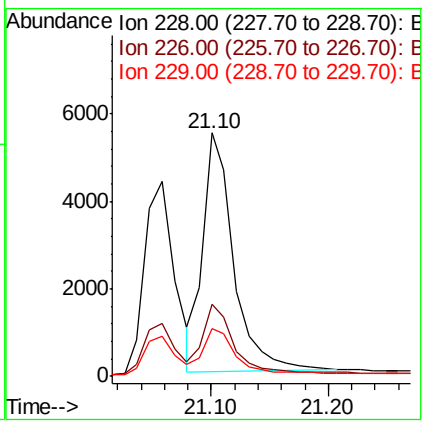


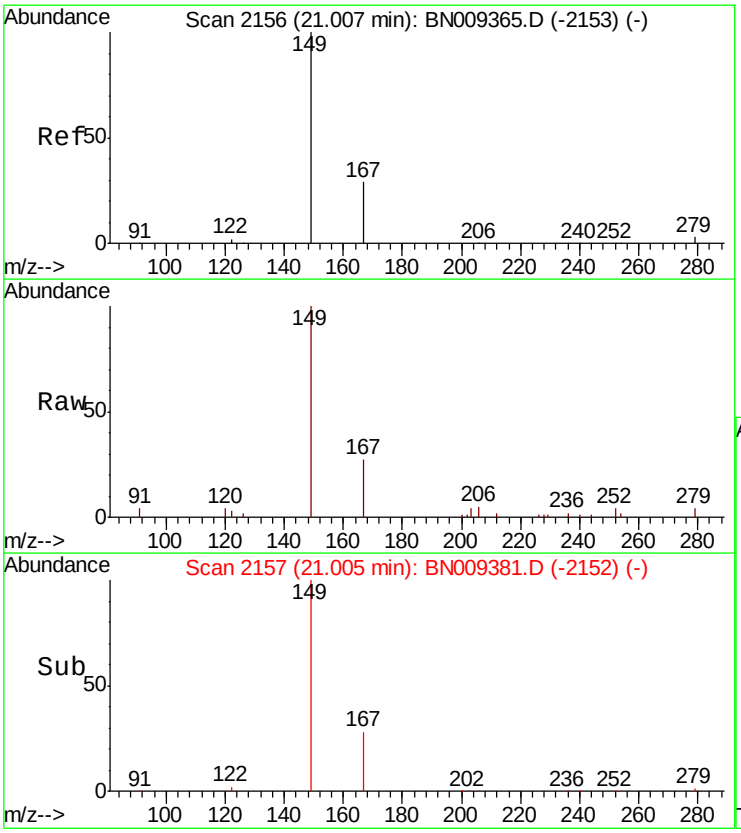
#31
Chrysene
Concen: 0.421 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 9965

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.7	16.6	24.8

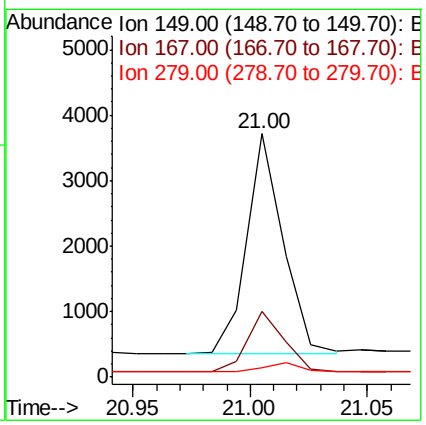


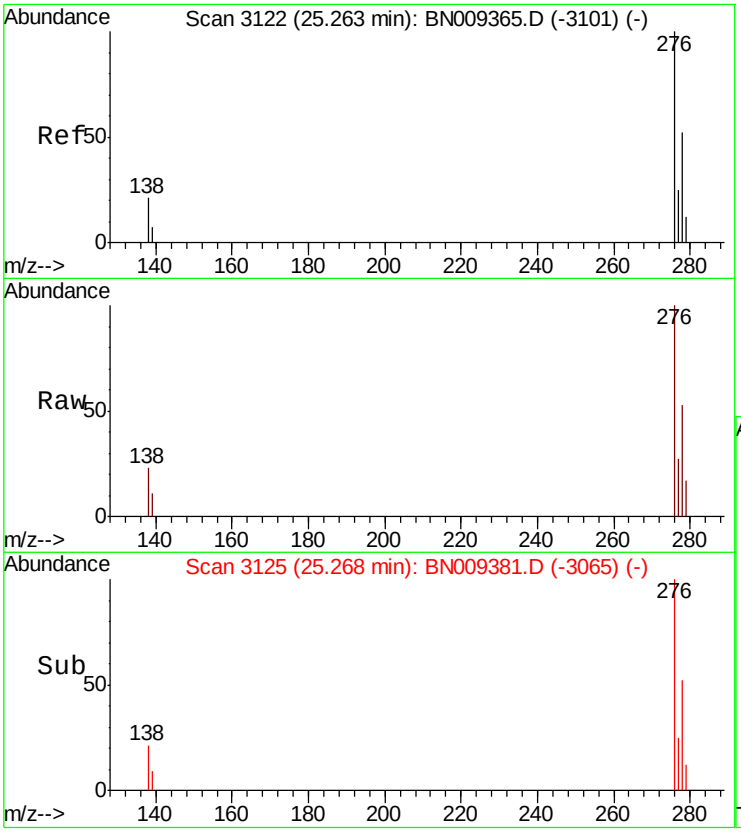


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.398 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:149 Resp: 3637

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.9	34.3
279	3.8	3.4	5.0



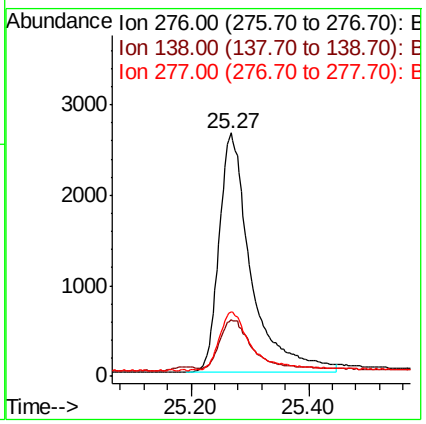


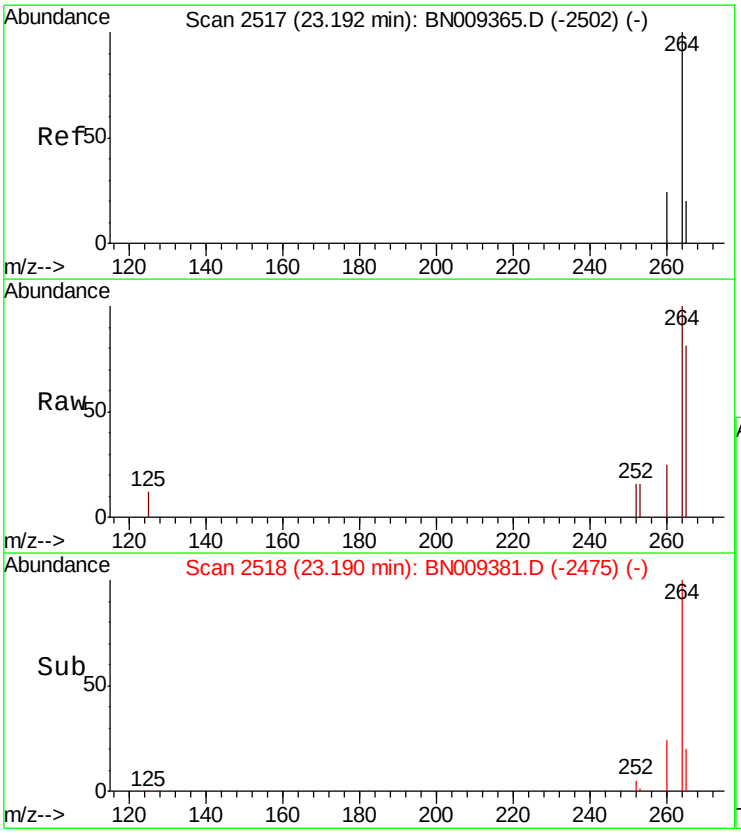
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng
RT: 25.27 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9945

Ion	Ratio	Lower	Upper
276	100		
138	21.1	15.9	23.9
277	24.3	19.8	29.6

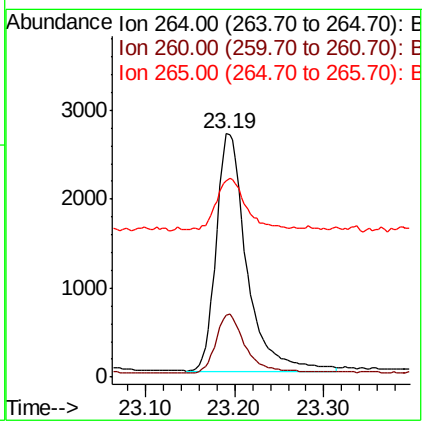


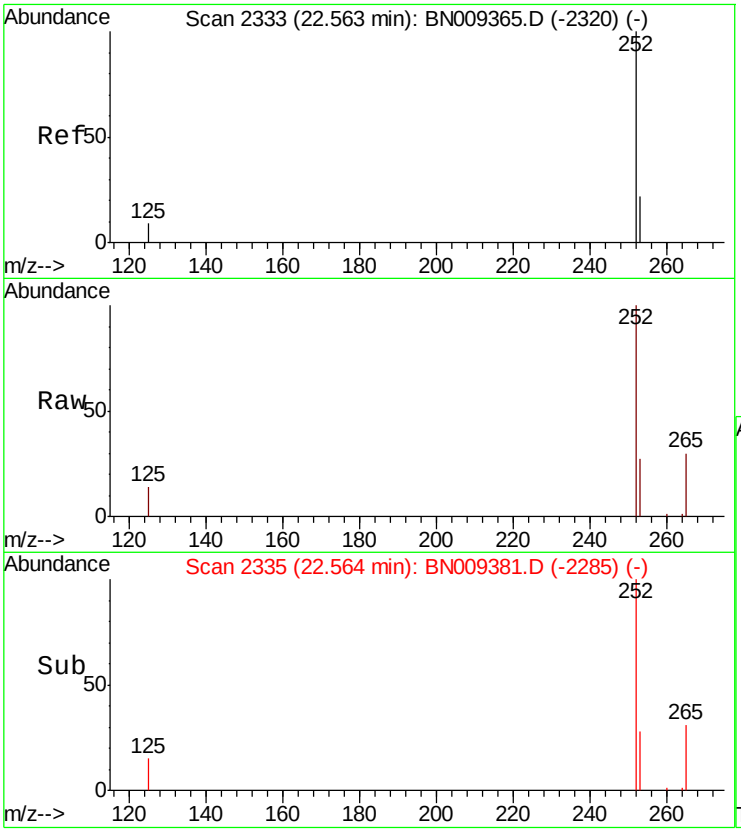


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:264 Resp: 6372

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	80.6	68.2	102.4



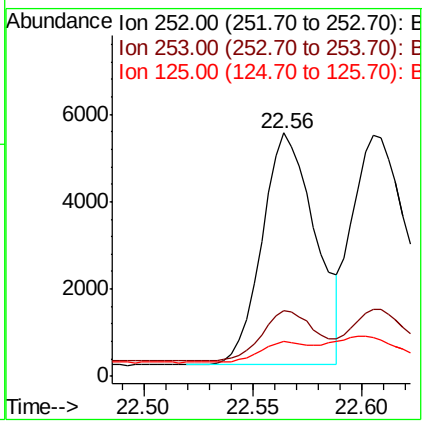


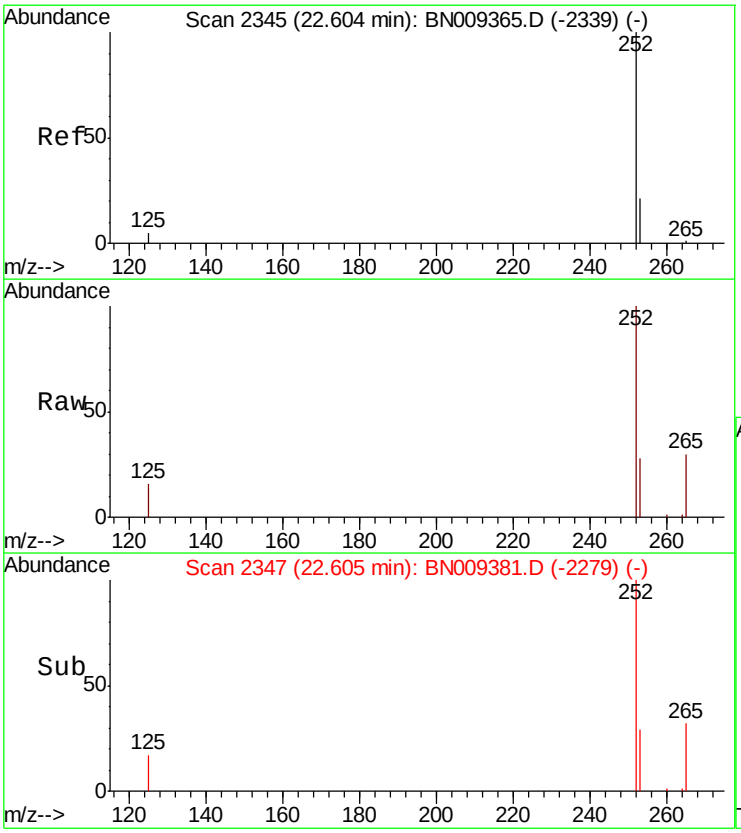
#35
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.56 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9060

Ion	Ratio	Lower	Upper
252	100		
253	27.2	22.4	33.6
125	14.4	11.6	17.4

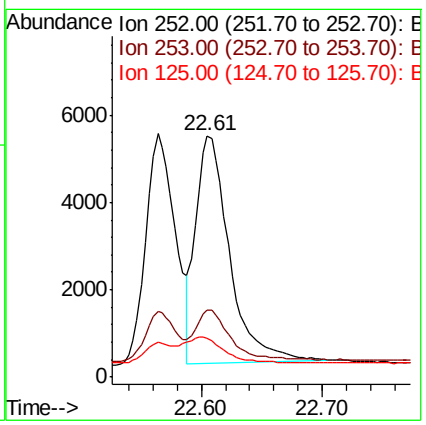


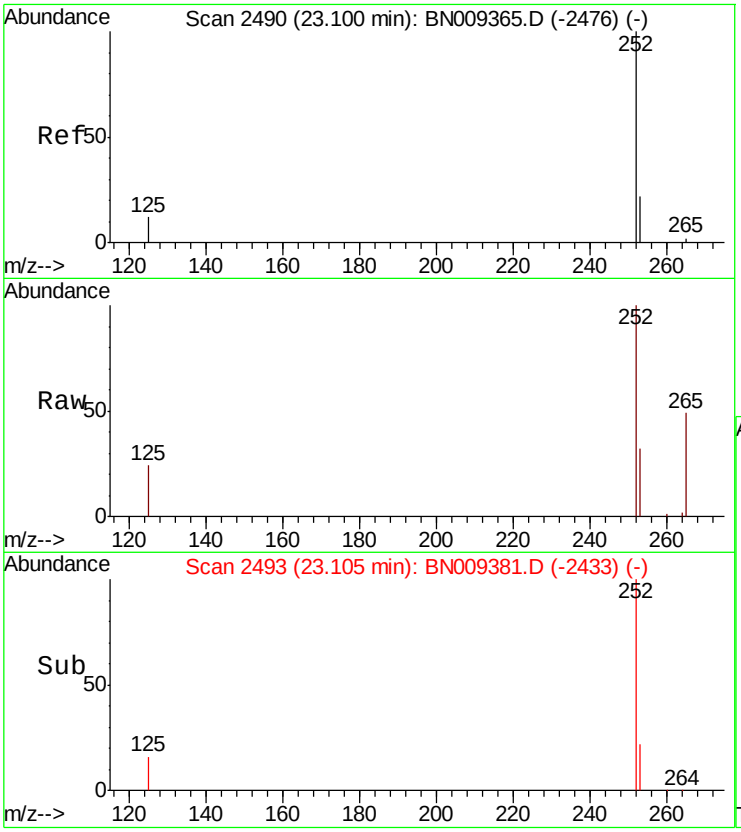


#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 22.61 min Scan# 2347
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:252 Resp: 10143

Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.9	32.9
125	16.2	12.0	18.0



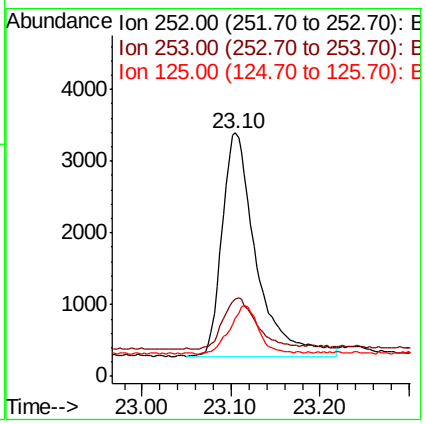


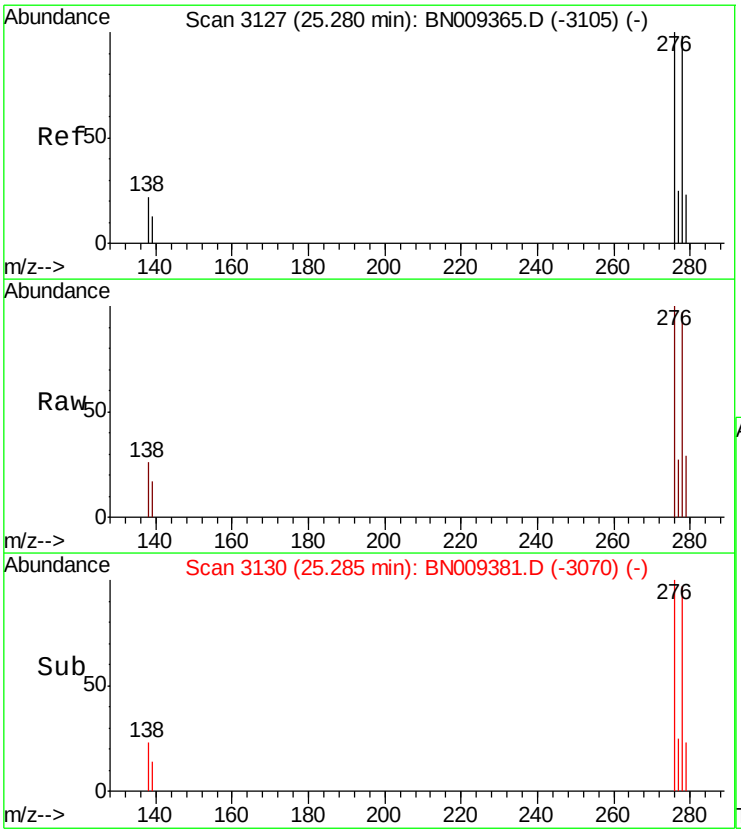
#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.10 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8340

Ion	Ratio	Lower	Upper
252	100		
253	31.6	25.4	38.0
125	23.9	16.2	24.2

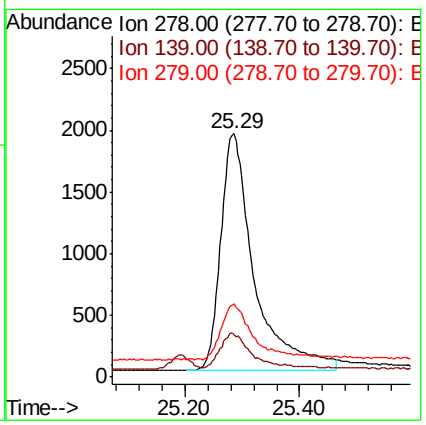


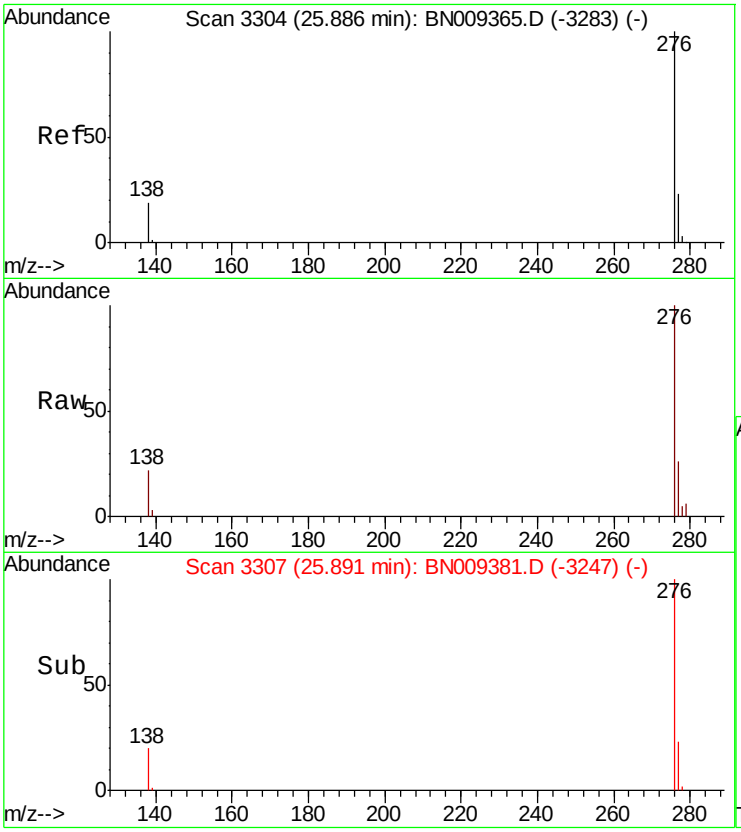


#38
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 25.29 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Tgt Ion:278 Resp: 7814

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.5	21.7
279	30.1	24.2	36.4





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 25.89 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BN009381.D
Acq: 15 Jan 2020 16:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8761

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.6	30.8
138	22.1	17.1	25.7