Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
Data File : BN009412.D
Acq On : 21 Jan 2020 14:35
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 21 16:11:01 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	7.46	152	1447	0.40	ng		-0.02
7) Naphthalene-d8	10.22	136	5172	0.40	ng		-0.01
13) Acenaphthene-d10	14.09	164	3446	0.40	ng		-0.02
19) Phenanthrene-d10	16.85	188	7787	0.40	ng		-0.02
27) Chrysene-d12	21.07	240	6424	0.40	ng		0.00
34) Perylene-d12	23.19	264	6332	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.11	112	1251	0.38	ng		-0.02
5) Phenol-d6	6.66	99	1449	0.38	ng		-0.02
8) Nitrobenzene-d5	8.62	82	1510	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	11.82	152	3996	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.61	330	445	0.34	ng		-0.02
15) 2-Fluorobiphenyl	12.72	172	4969	0.39	ng		0.00
25) Fluoranthene-d10	18.89	212	9420	0.35	ng		0.00
29) Terphenyl-d14	19.52	244	5866	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	612	0.406	ng		98
3) n-Nitrosodimethylamine	3.47	42	908	0.390	ng	#	95
6) bis(2-Chloroethyl)ether	6.91	93	1485	0.374	ng		98
9) Naphthalene	10.27	128	5455	0.390	ng		99
10) Hexachlorobutadiene	10.56	225	1243	0.405	ng	#	96
12) 2-Methylnaphthalene	11.89	142	3841	0.394	ng		100
16) Acenaphthylene	13.81	152	5231	0.352	ng		100
17) Acenaphthene	14.16	154	3980	0.381	ng		99
18) Fluorene	15.16	166	5157	0.379	ng		100
20) 4-Bromophenyl-phenylether	16.06	248	1705	0.364	ng		94
21) Hexachlorobenzene	16.17	284	1784	0.357	ng		98
22) Pentachlorophenol	16.54	266	411	0.380	ng		98
23) Phenanthrene	16.89	178	8600	0.368	ng		100
24) Anthracene	17.00	178	6908	0.352	ng		99
26) Fluoranthene	18.92	202	9683	0.353	ng		100
28) Pyrene	19.29	202	9701	0.398	ng		100
30) Benzo(a)anthracene	21.06	228	7580	0.359	ng		98
31) Chrysene	21.10	228	9580	0.397	ng		99
32) Bis(2-ethylhexyl)phthalate	21.00	149	3245	0.348	ng		100
33) Indeno(1,2,3-cd)pyrene	25.26	276	9326	0.371	ng		98
35) Benzo(b)fluoranthene	22.56	252	8403	0.361	ng		98
36) Benzo(k)fluoranthene	22.61	252	10249	0.399	ng		99
37) Benzo(a)pyrene	23.10	252	7700	0.376	ng		99
38) Dibenzo(a,h)anthracene	25.28	278	7200	0.349	ng		99
39) Benzo(g,h,i)perylene	25.89	276	8356	0.368	ng		99

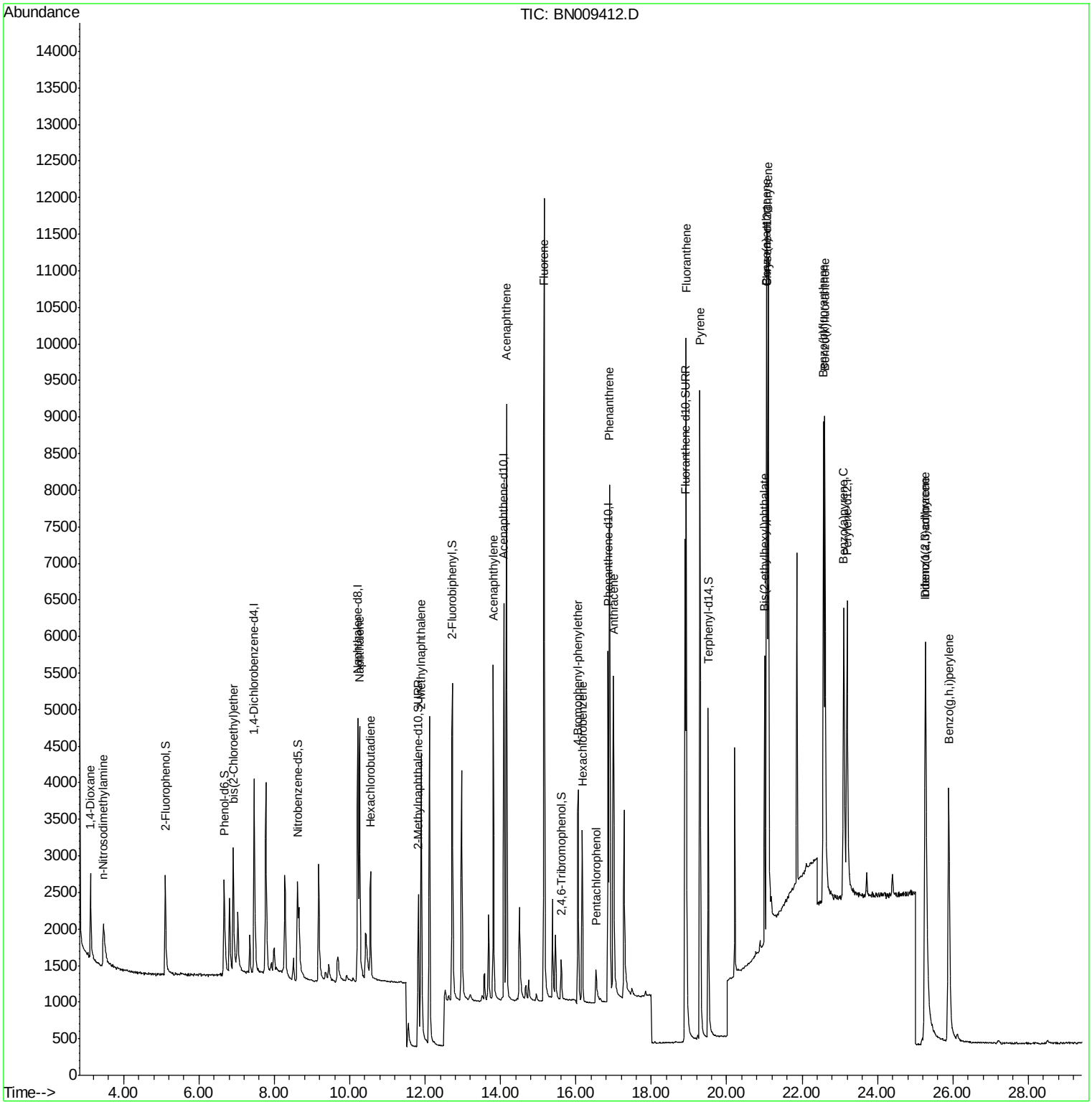
(#) = qualifier out of range (m) = manual integration (+) = signals summed

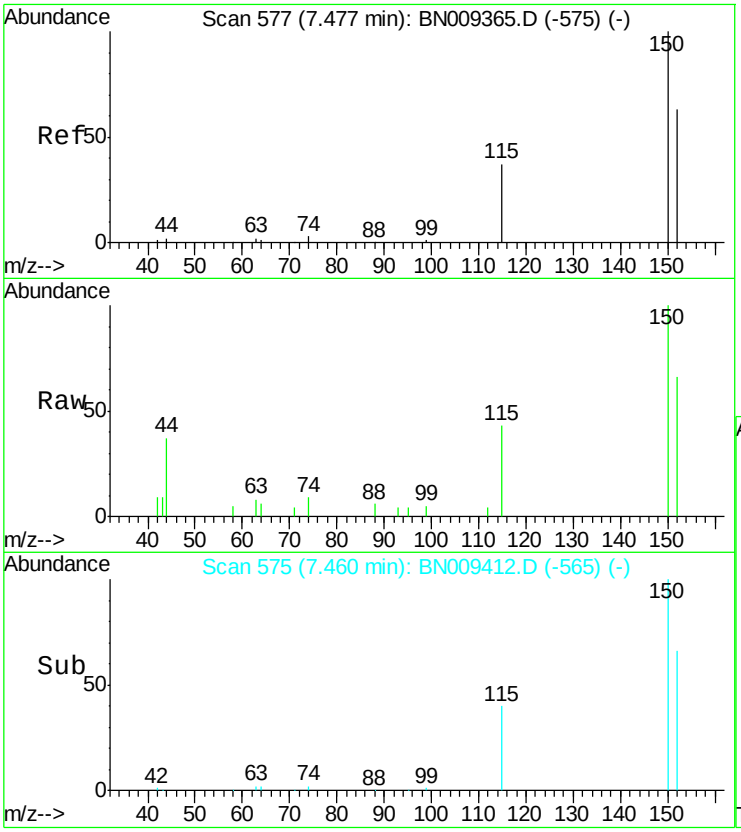
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
Data File : BN009412.D
Acq On : 21 Jan 2020 14:35
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 21 16:11:01 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



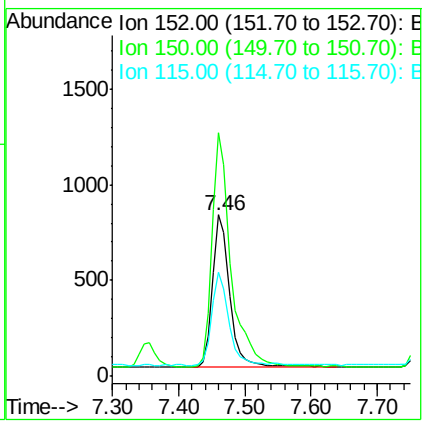


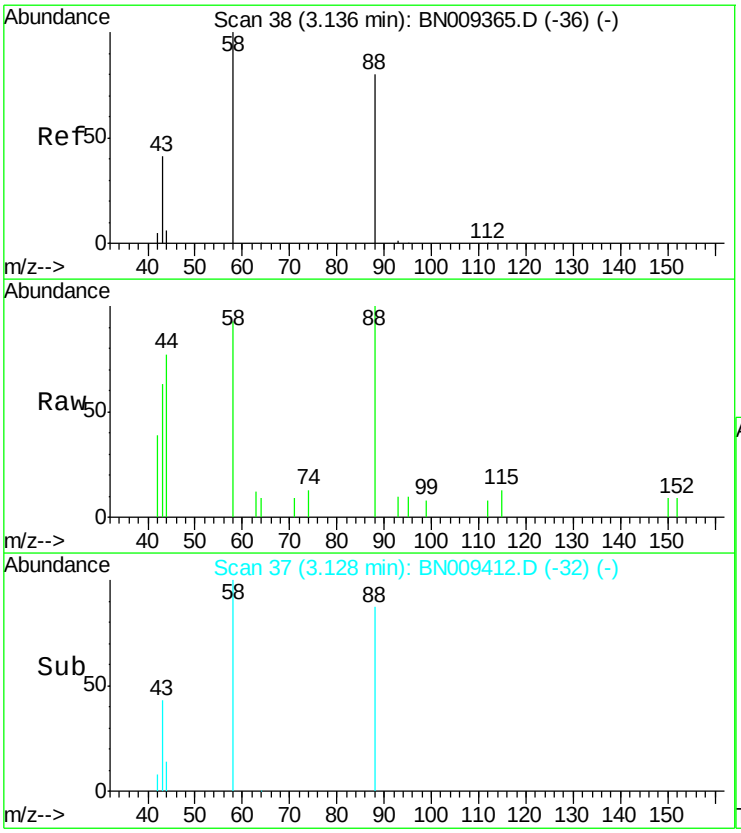
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.46 min Scan# 575
Delta R.T. -0.02 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1447

Ion	Ratio	Lower	Upper
152	100		
150	150.7	125.7	188.5
115	64.5	53.3	79.9

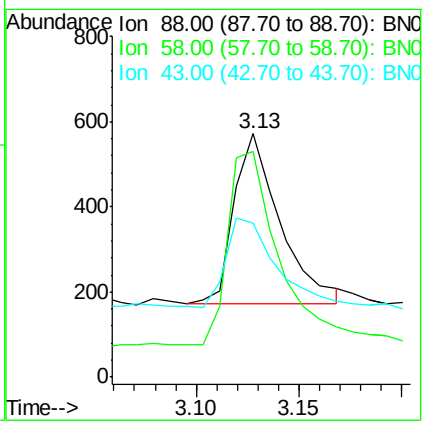


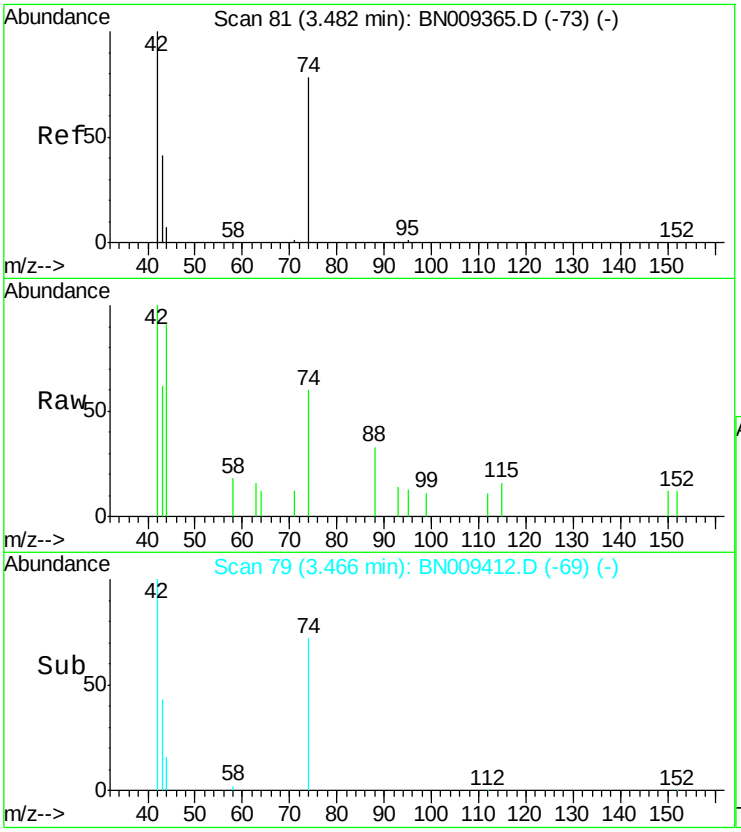


#2
1,4-Dioxane
Concen: 0.406 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion: 88 Resp: 612

Ion	Ratio	Lower	Upper
88	100		
58	125.8	100.2	150.2
43	57.7	43.1	64.7



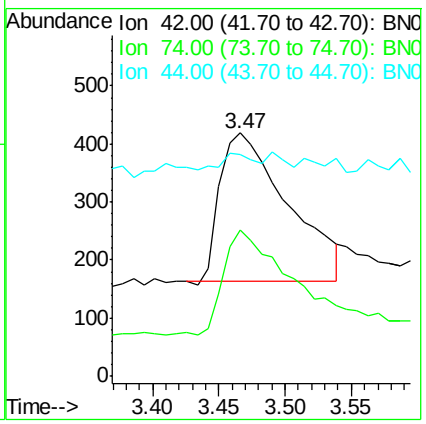


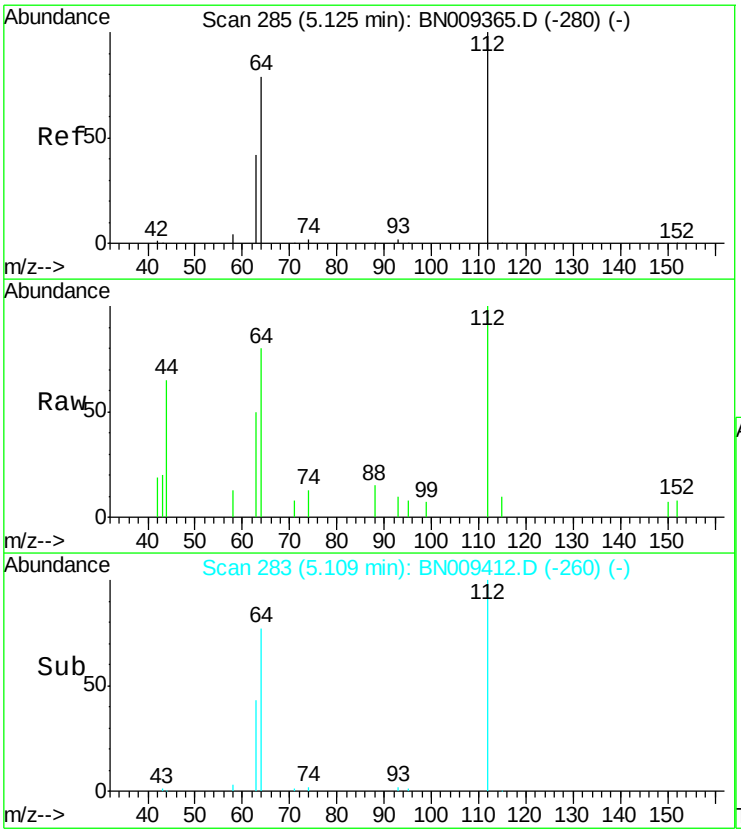
#3
n-Nitrosodimethylamine
Concen: 0.390 ng
RT: 3.47 min Scan# 79
Delta R.T. -0.02 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 908

Ion	Ratio	Lower	Upper
42	100		
74	70.9	55.8	83.8
44	5.2	11.1	16.7#

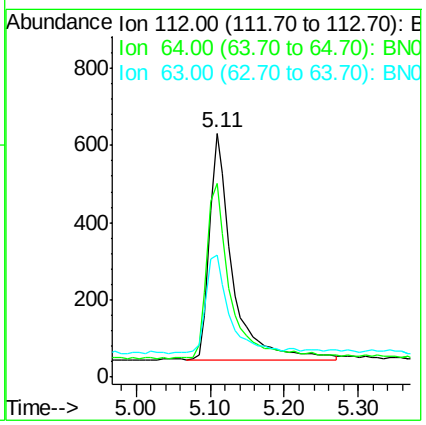


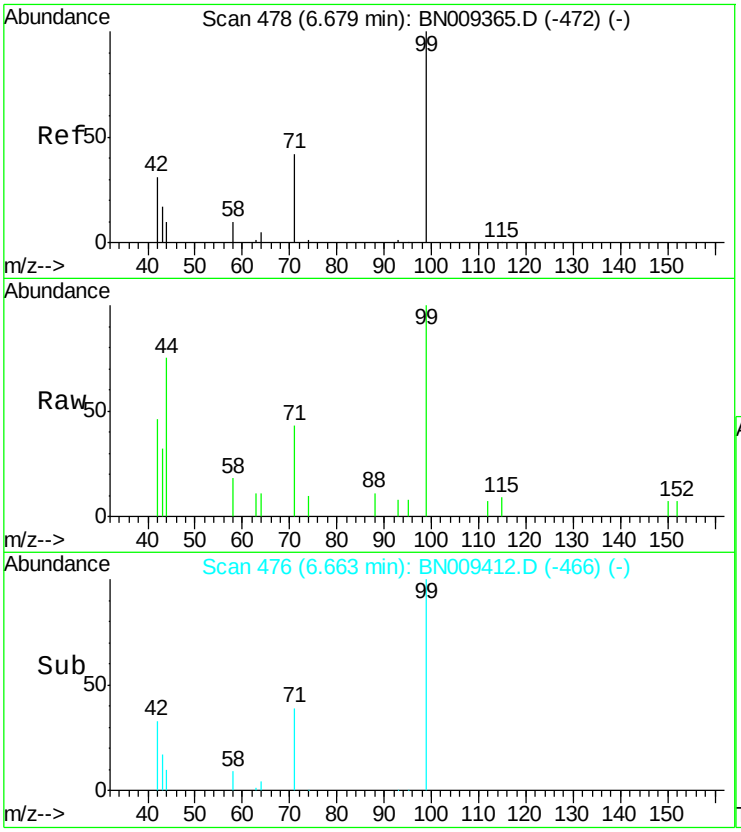


#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.11 min Scan# 283
Delta R.T. -0.02 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:112 Resp: 1251

Ion	Ratio	Lower	Upper
112	100		
64	82.3	61.5	92.3
63	44.4	35.0	52.4



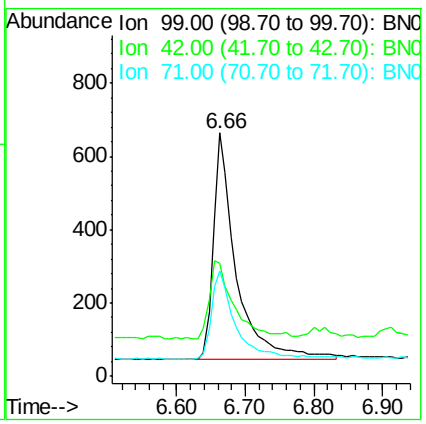


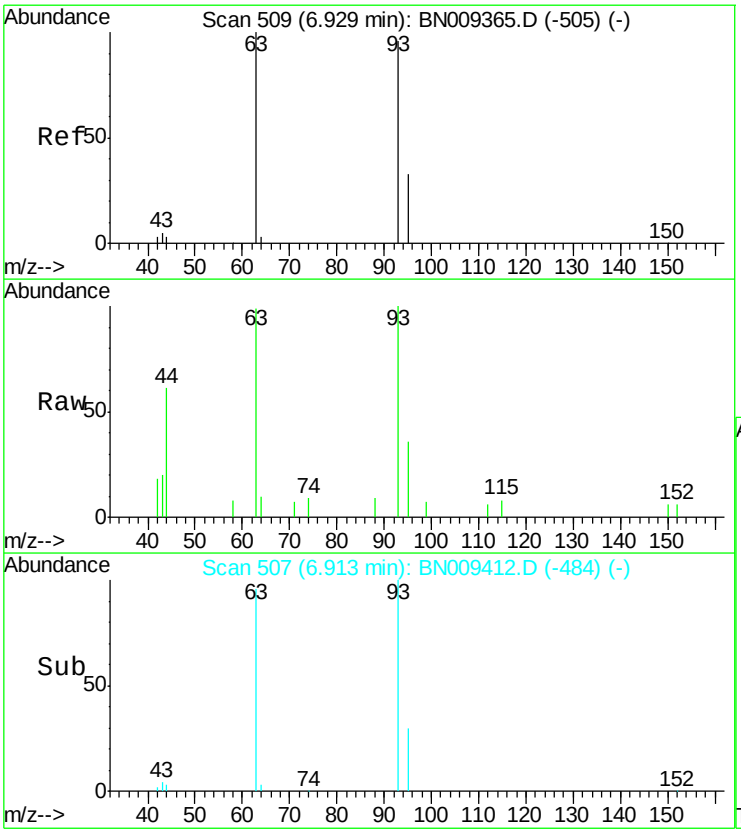
#5
Phenol-d6
Concen: 0.376 ng
RT: 6.66 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1449

Ion	Ratio	Lower	Upper
99	100		
42	37.1	27.6	41.4
71	40.0	33.0	49.6

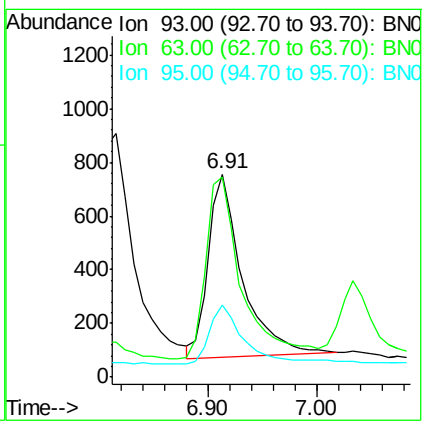


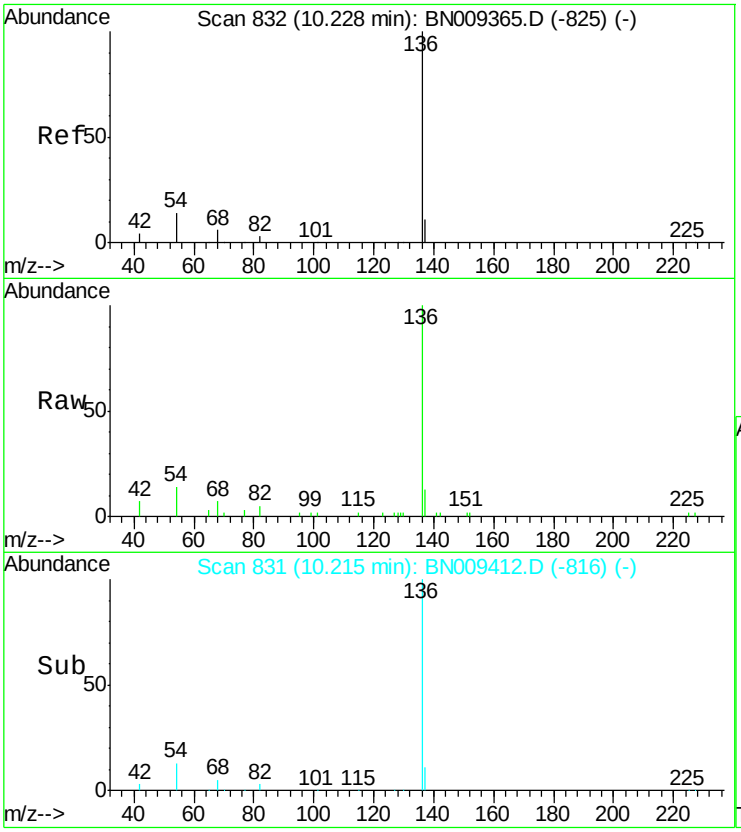


#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 6.91 min Scan# 507
Delta R.T. -0.02 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion: 93 Resp: 1485

Ion	Ratio	Lower	Upper
93	100		
63	105.5	85.1	127.7
95	35.1	30.2	45.4



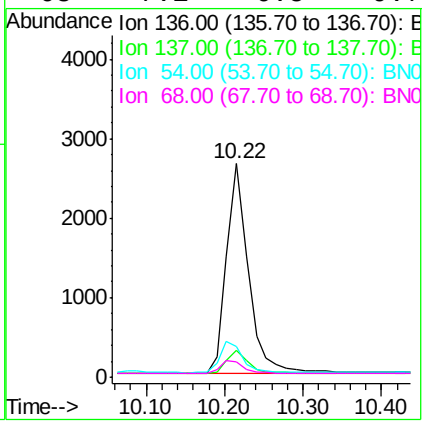


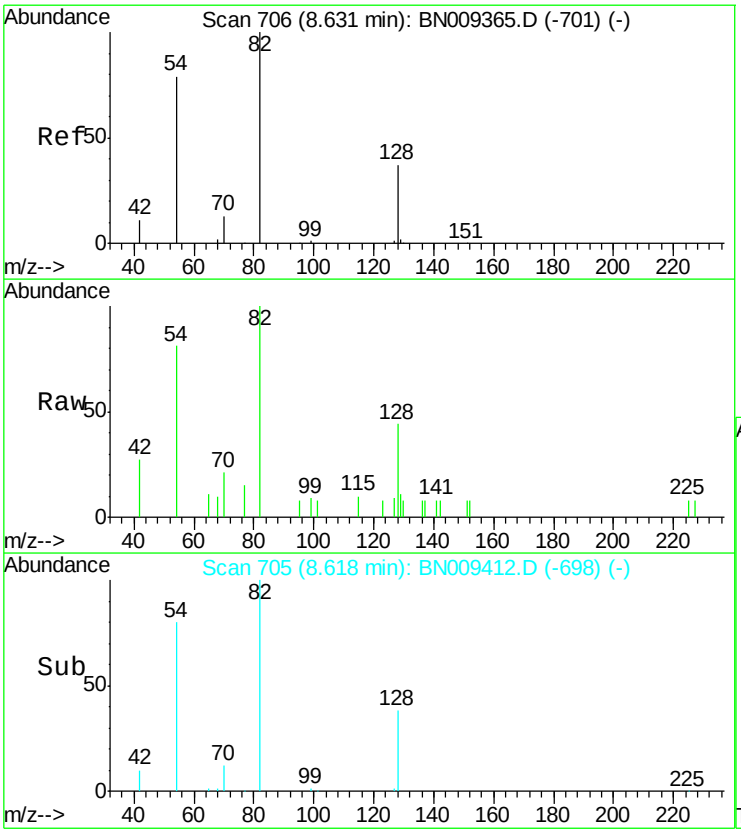
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 5172

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.3	15.5
54	14.3	12.6	19.0
68	7.1	6.5	9.7

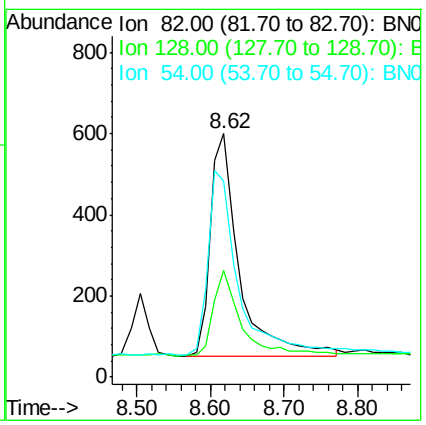


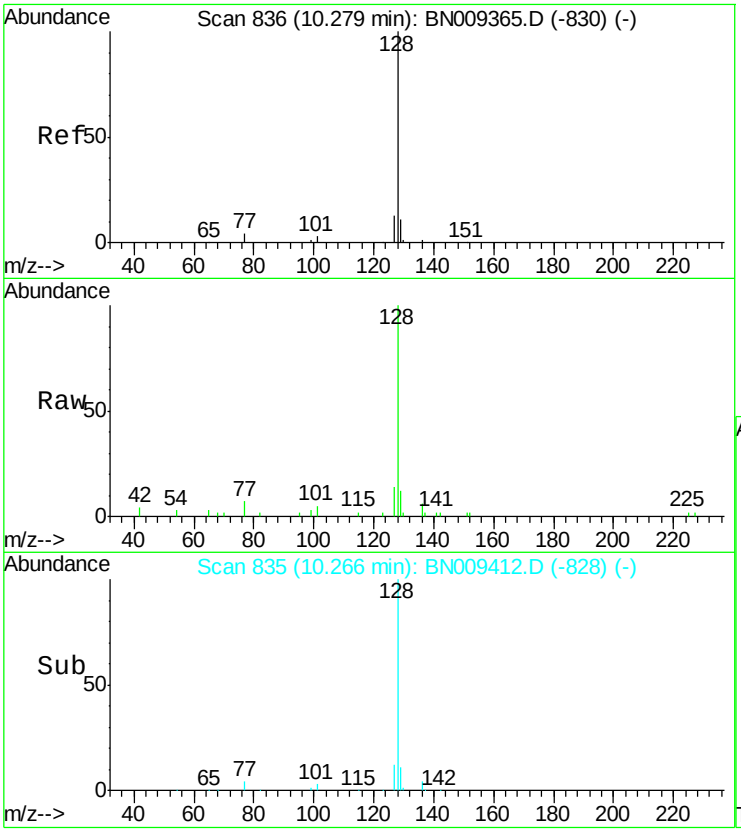


#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 8.62 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion: 82 Resp: 1510

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.8	52.2
54	80.8	65.8	98.6



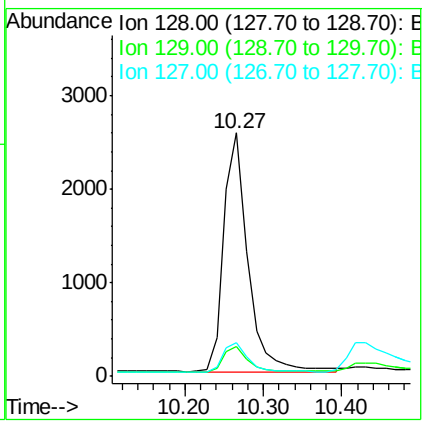


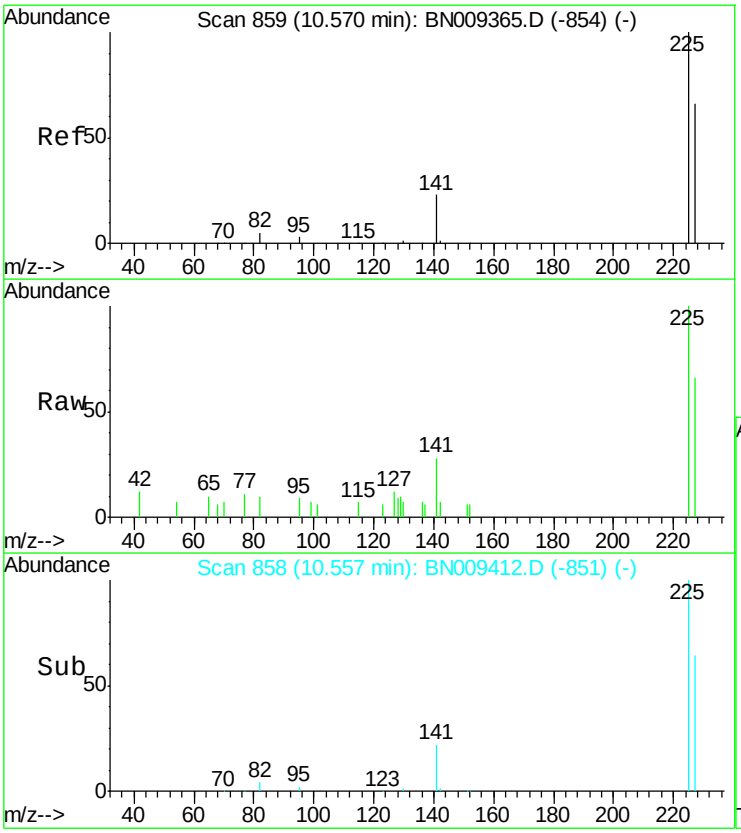
#9
Naphthalene
Concen: 0.390 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5455

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.4	15.6
127	13.8	11.4	17.2

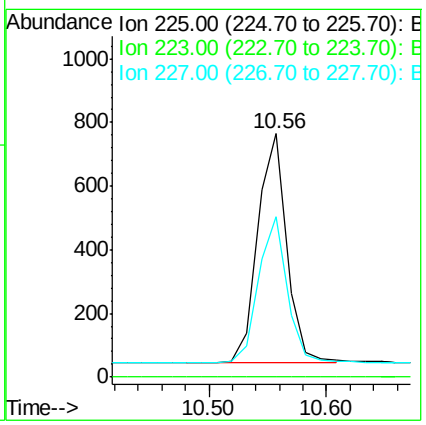


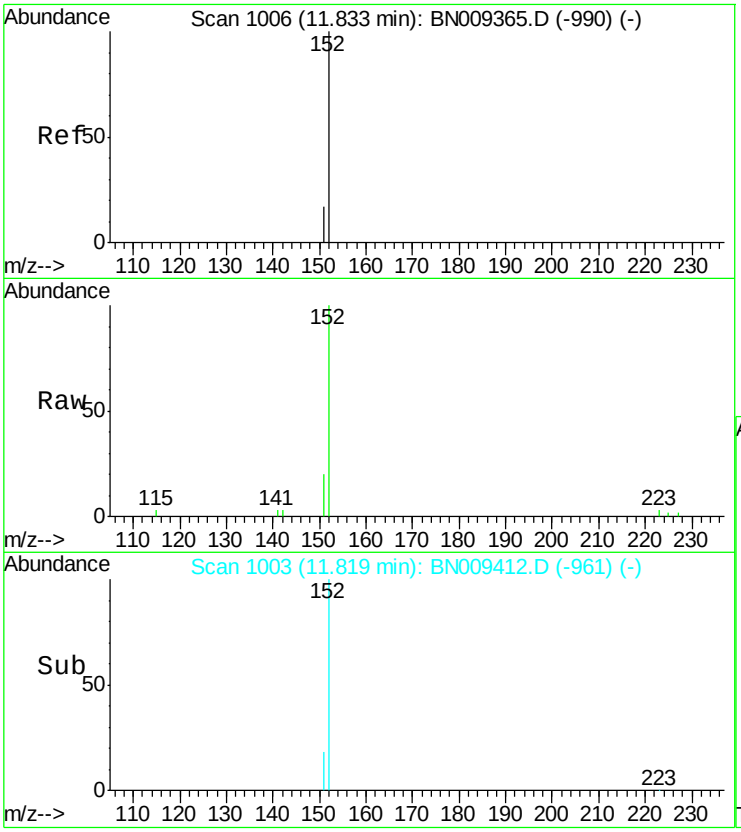


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 10.56 min Scan# 858
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:225 Resp: 1243

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	52.6	78.8



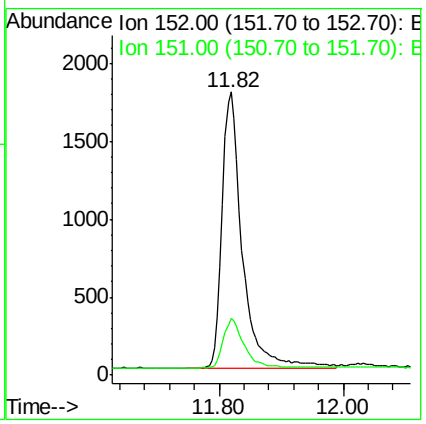


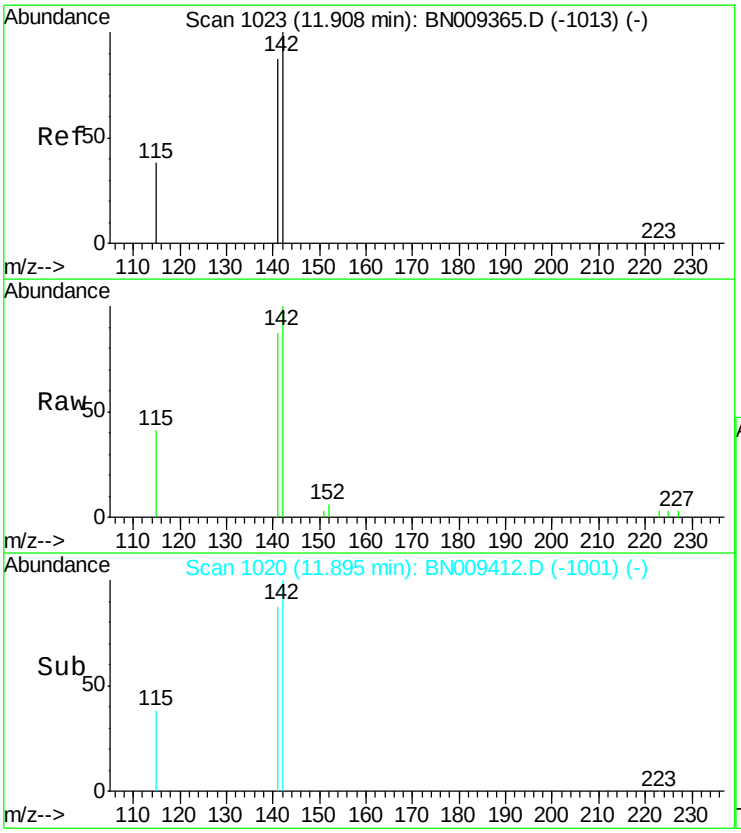
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 11.82 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3996

Ion	Ratio	Lower	Upper
152	100		
151	18.8	14.8	22.2

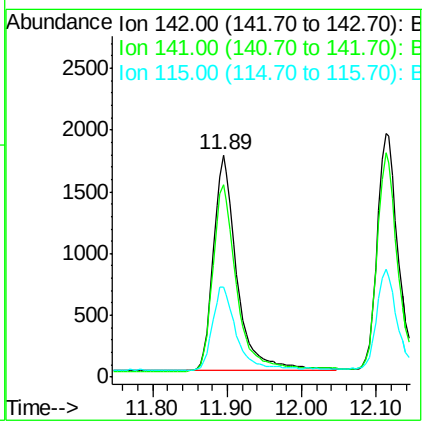


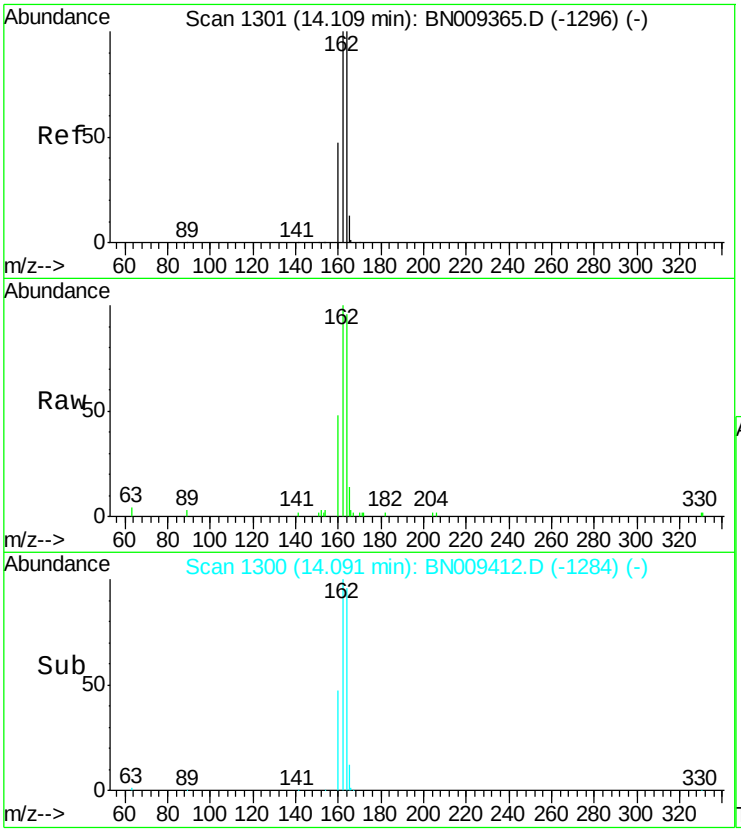


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 11.89 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:142 Resp: 3841

Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.8	104.6
115	40.6	32.5	48.7



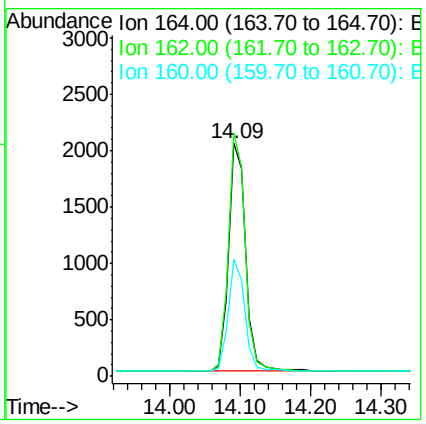


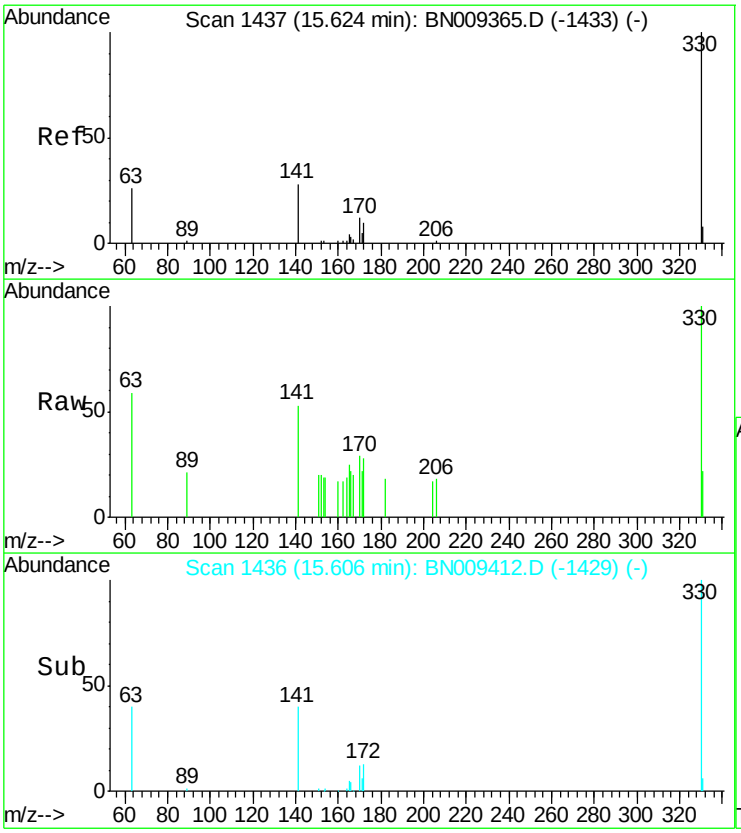
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.09 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3446

Ion	Ratio	Lower	Upper
164	100		
162	104.6	79.8	119.6
160	50.0	38.4	57.6

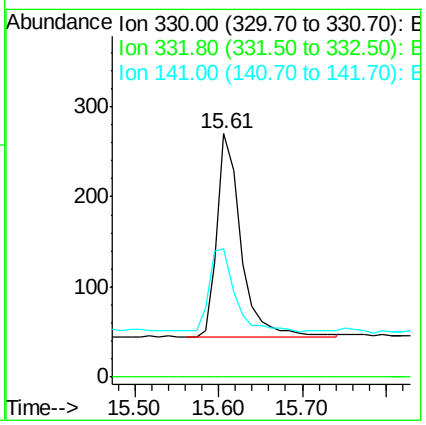


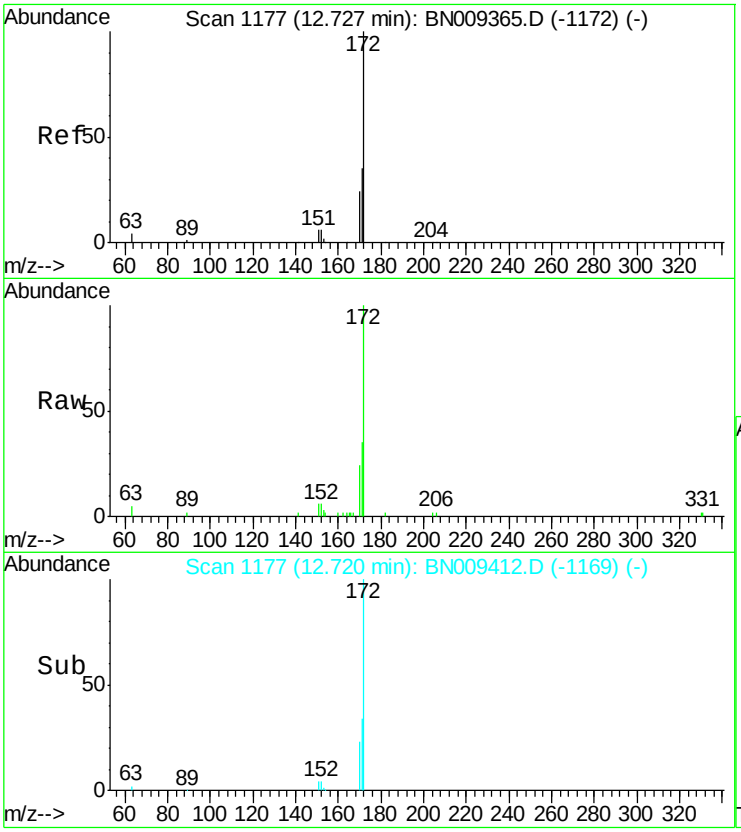


#14
2,4,6-Tribromophenol
Concen: 0.341 ng
RT: 15.61 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:330 Resp: 445

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.9	33.1	49.7



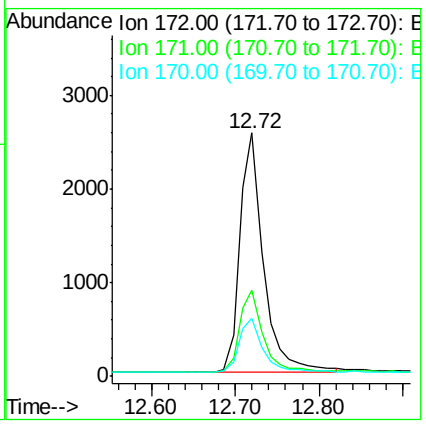


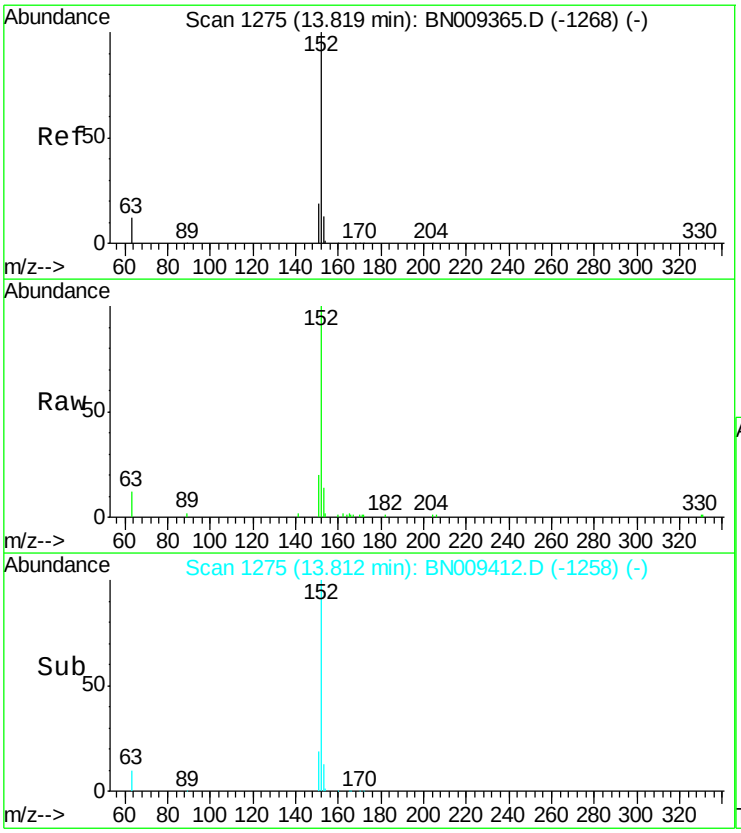
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4969

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.5	44.3
170	24.0	20.7	31.1

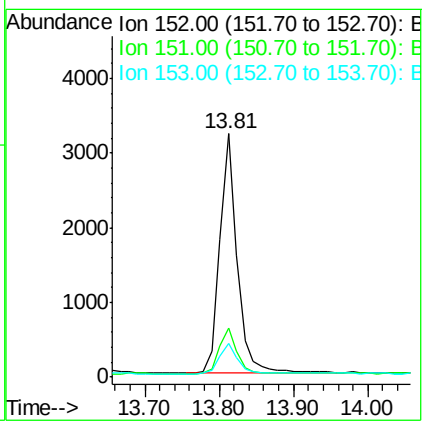


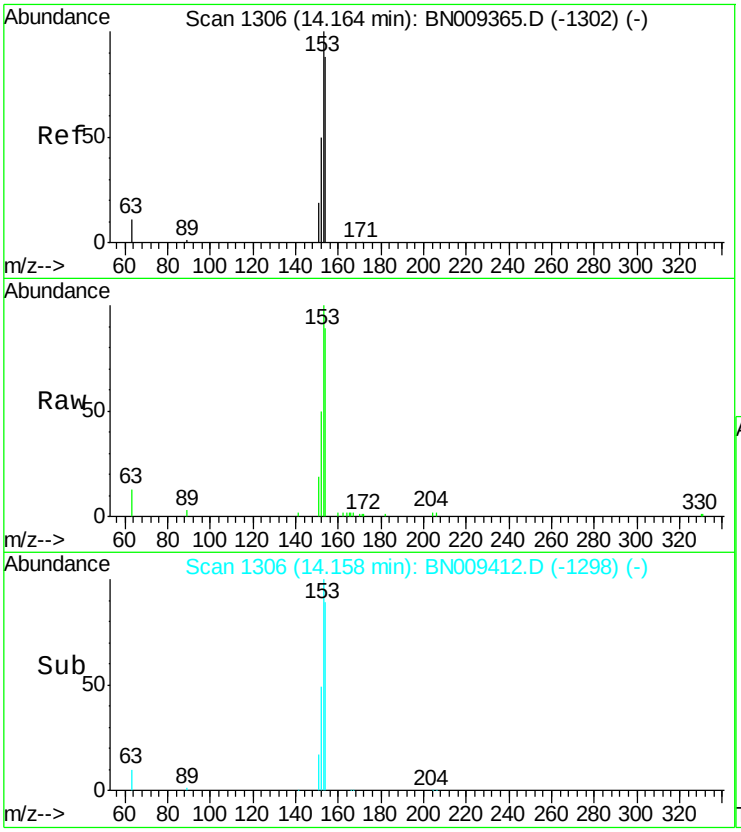


#16
Acenaphthylene
Concen: 0.352 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:152 Resp: 5231

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.1	10.4	15.6



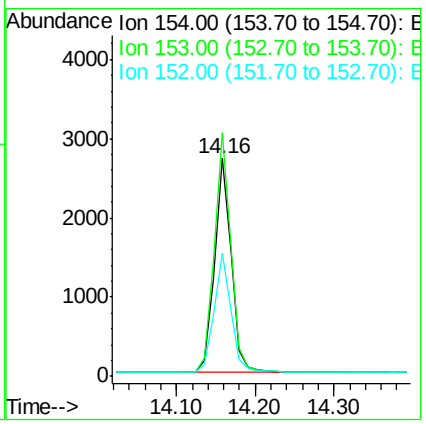


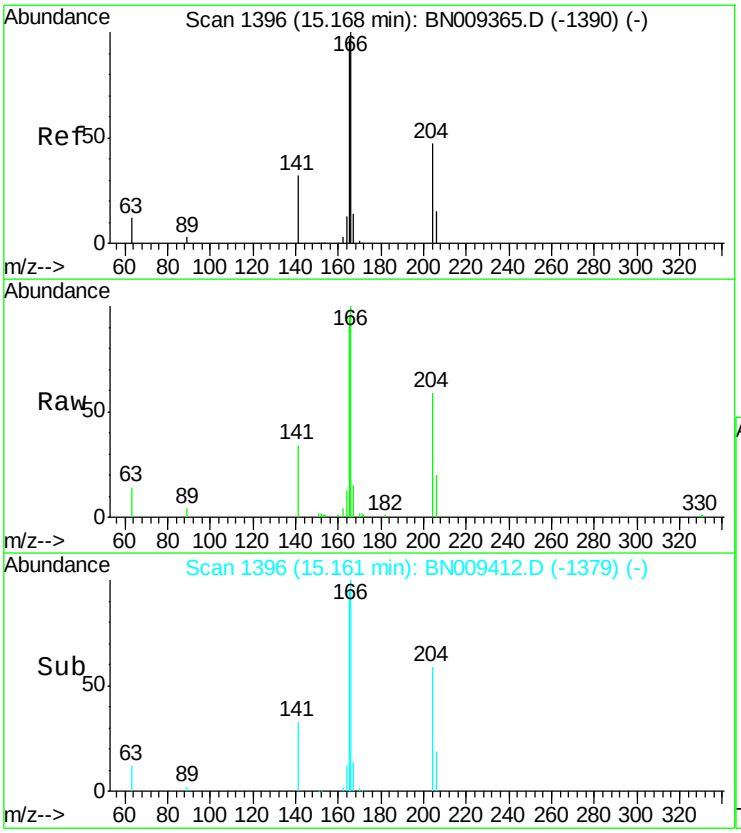
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3980

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.5	135.7
152	56.5	45.3	67.9

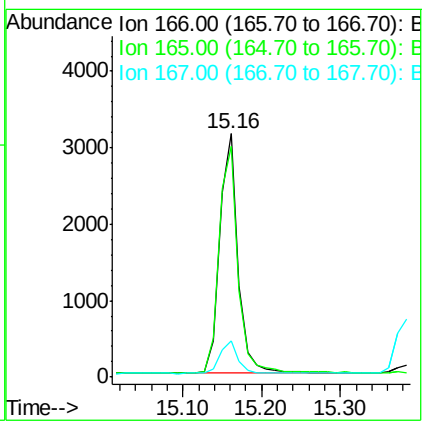


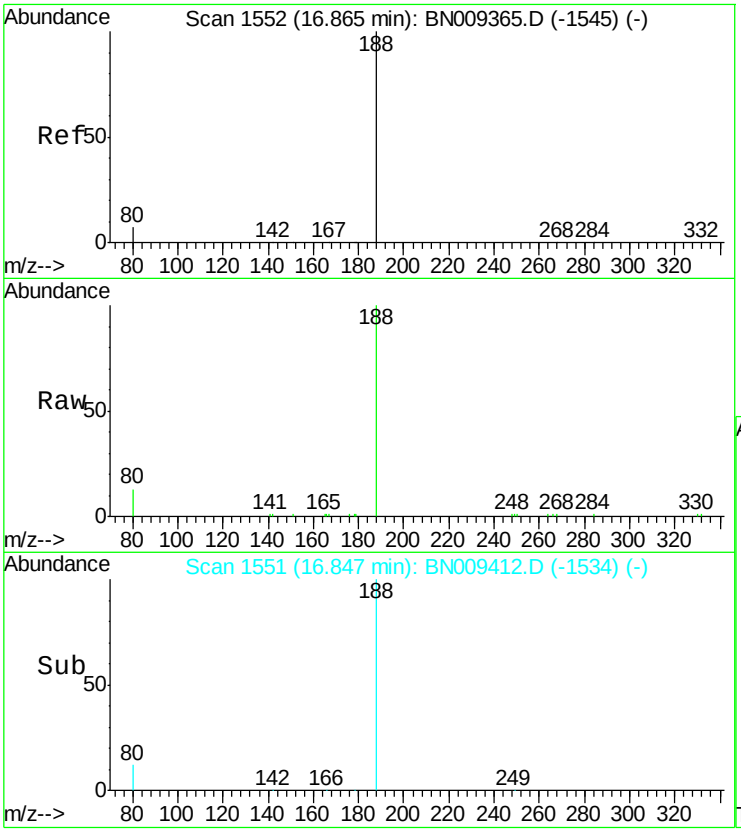


#18
Fluorene
Concen: 0.379 ng
RT: 15.16 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:166 Resp: 5157

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	13.6	11.0	16.6



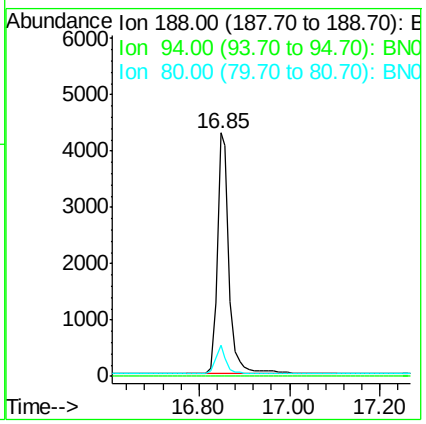


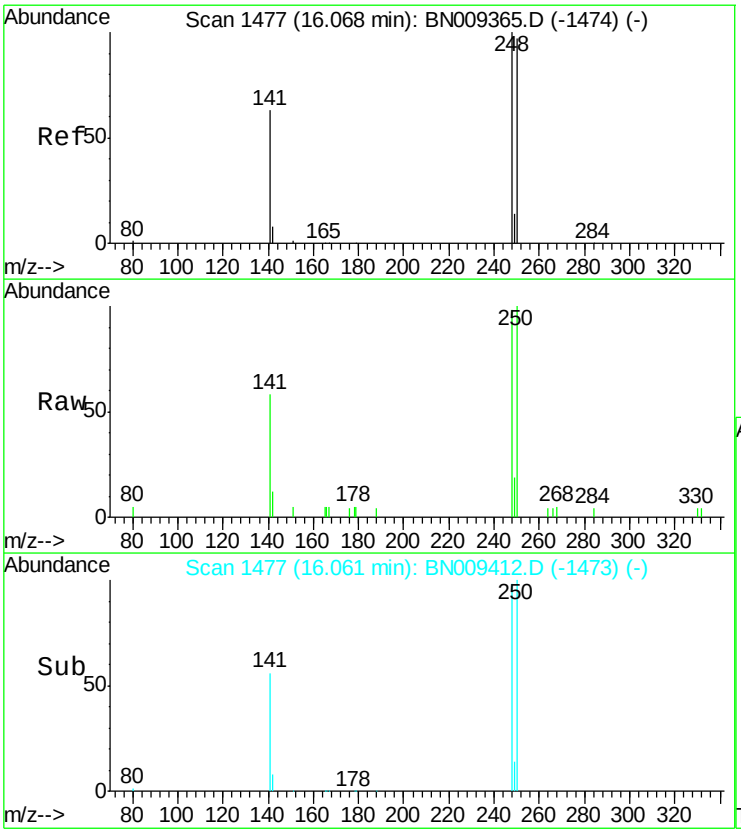
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 7787

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	6.6	10.0#

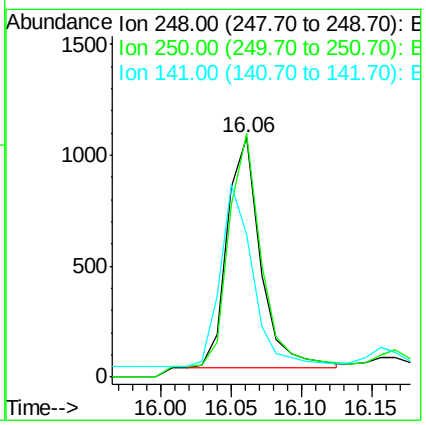


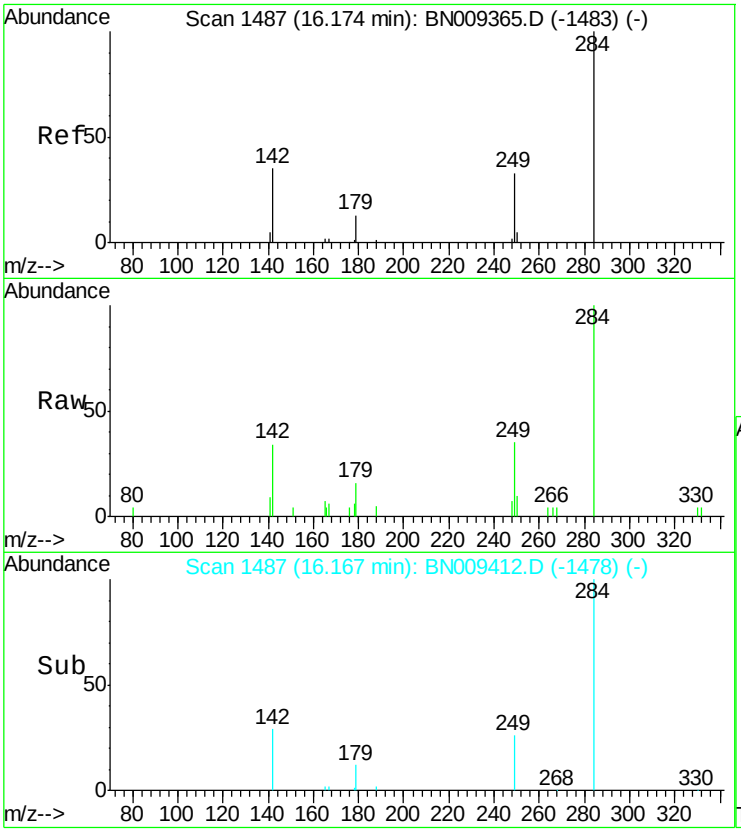


#20
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.06 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:248 Resp: 1705

Ion	Ratio	Lower	Upper
248	100		
250	101.8	77.8	116.8
141	59.4	53.4	80.0



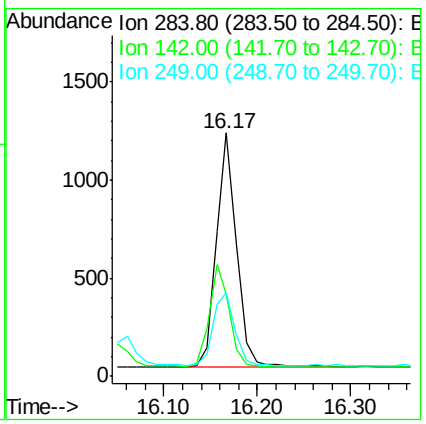


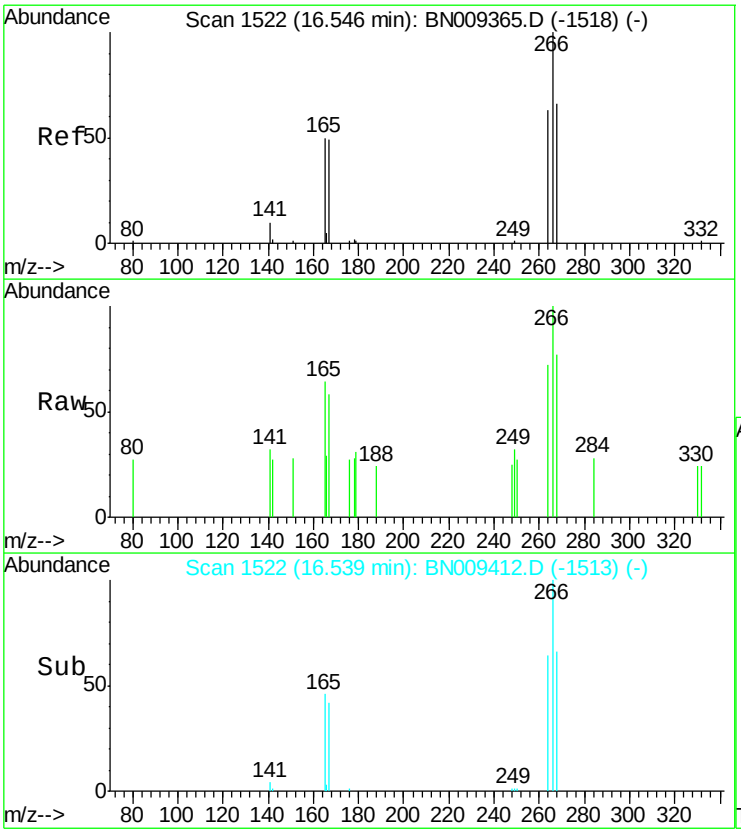
#21
Hexachlorobenzene
Concen: 0.357 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1784

Ion	Ratio	Lower	Upper
284	100		
142	44.2	33.8	50.8
249	33.2	27.0	40.4

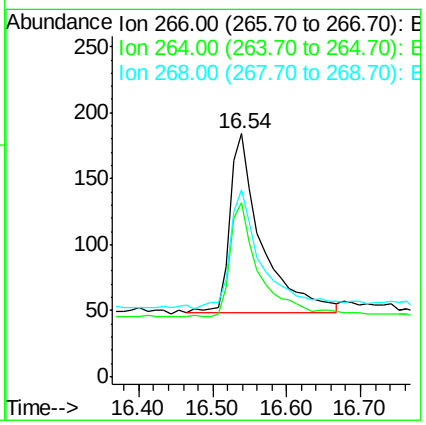


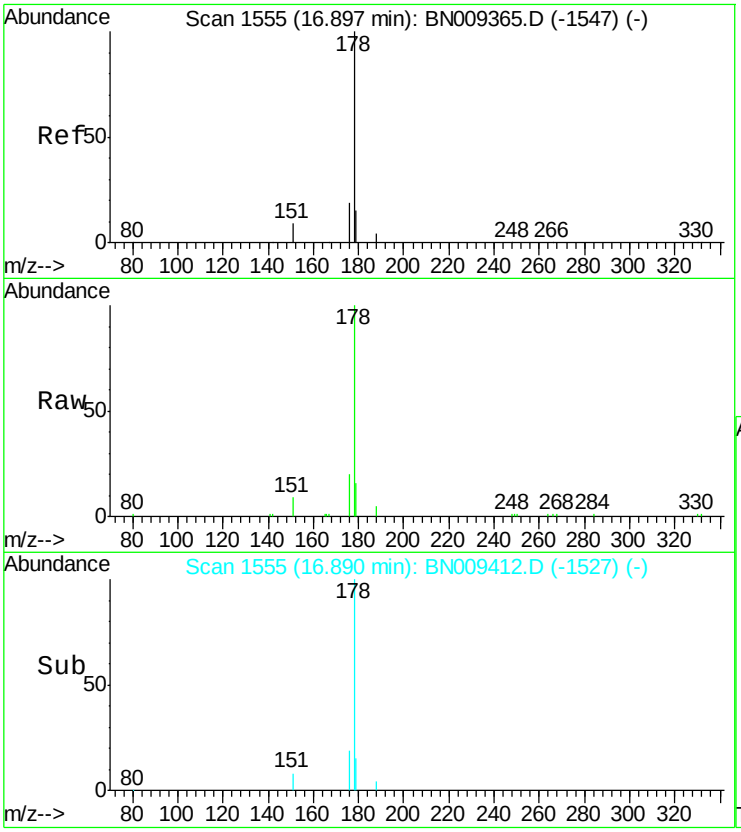


#22
Pentachlorophenol
Concen: 0.380 ng
RT: 16.54 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:266 Resp: 411

Ion	Ratio	Lower	Upper
266	100		
264	71.7	57.8	86.6
268	77.2	63.8	95.6



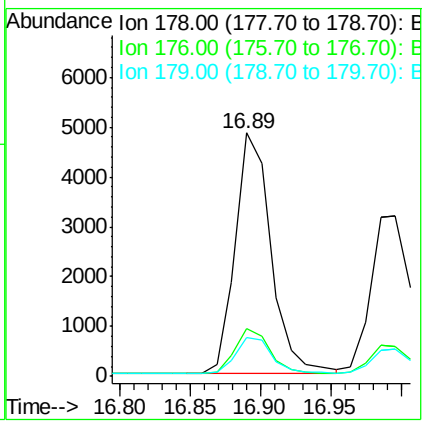


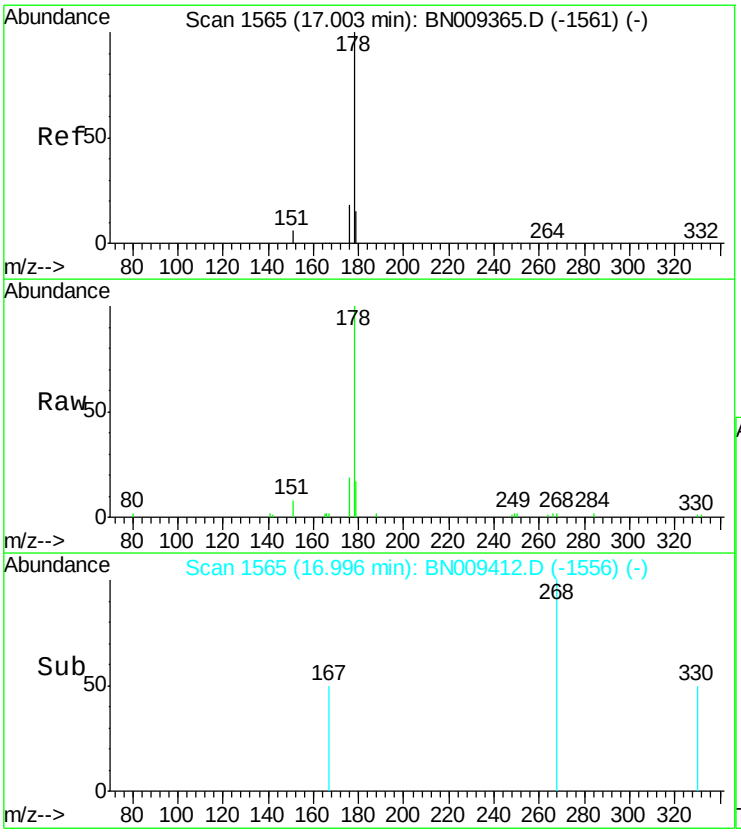
#23
Phenanthrene
Concen: 0.368 ng
RT: 16.89 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8600

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.6	12.3	18.5

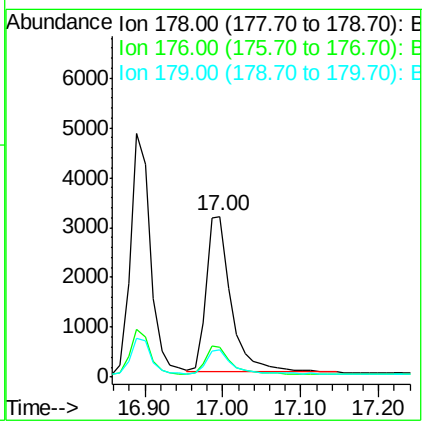


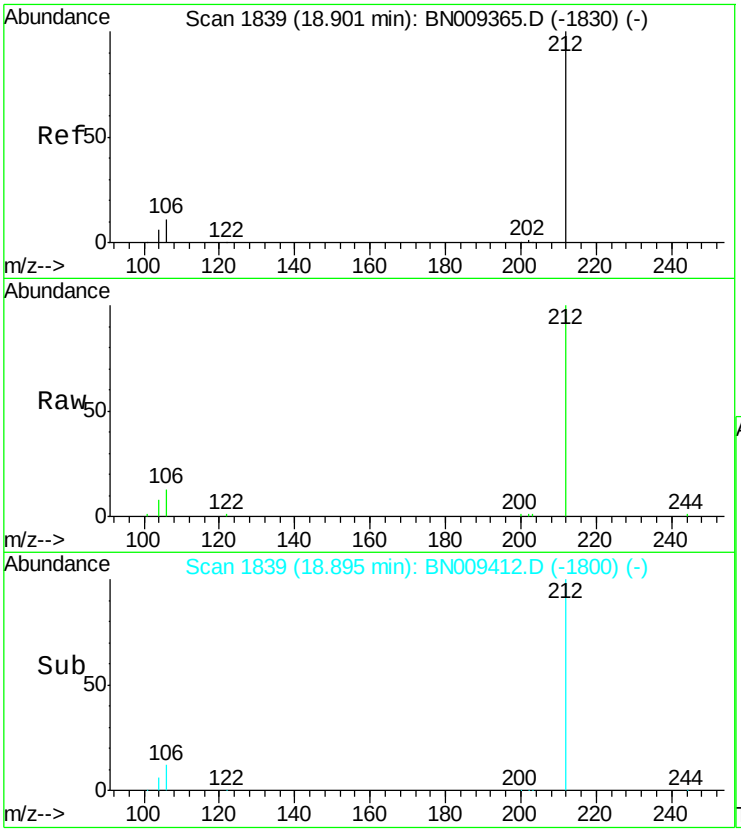


#24
Anthracene
Concen: 0.352 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:178 Resp: 6908

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	12.5	18.7



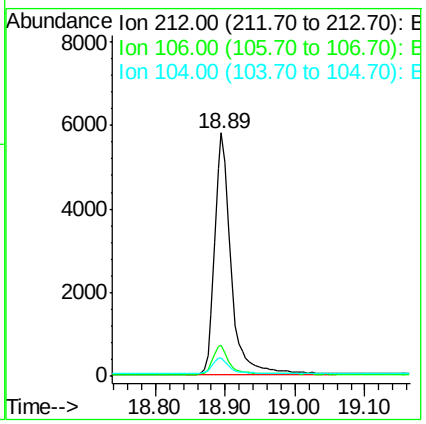


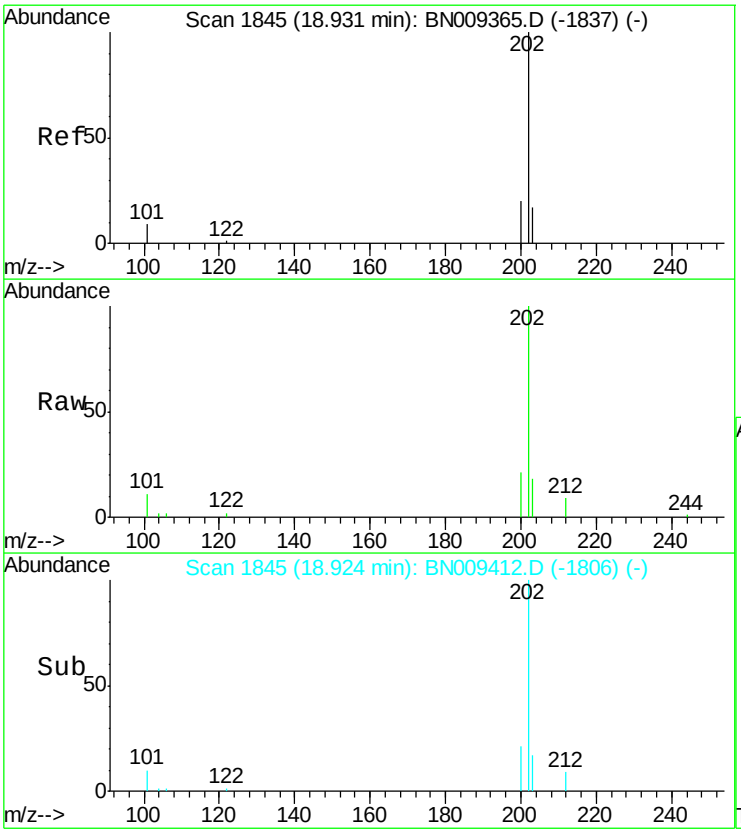
#25
Fluoranthene-d10
Concen: 0.353 ng
RT: 18.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 9420

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.2	13.8
104	6.8	5.4	8.0

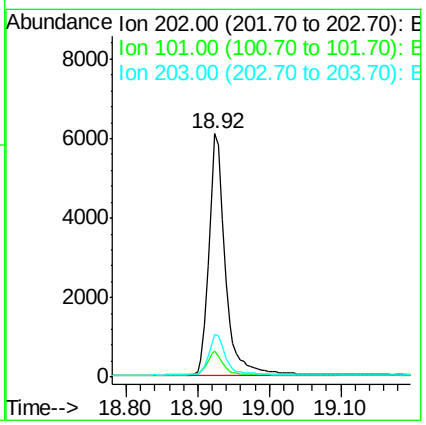


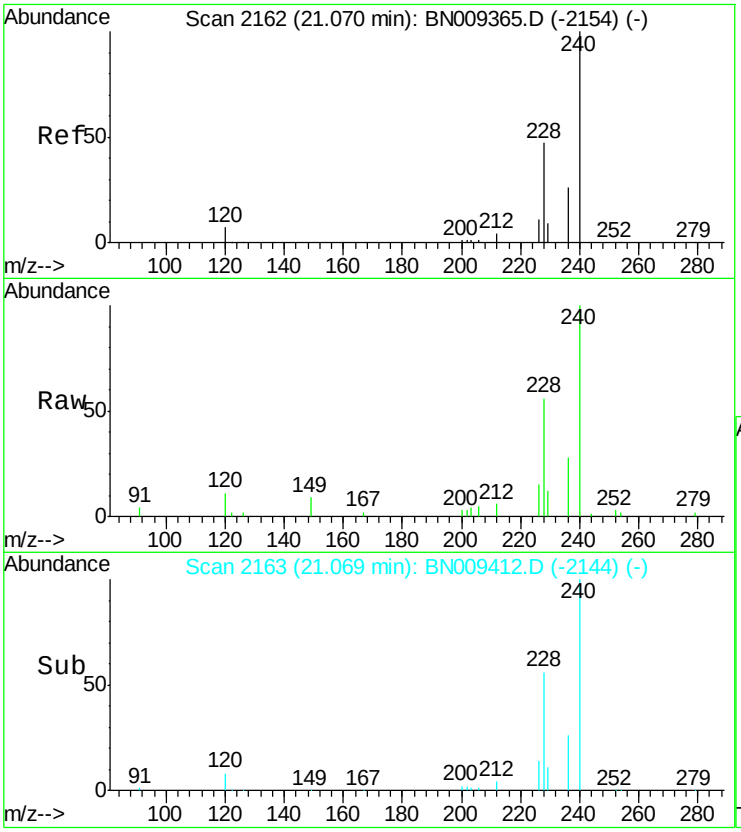


#26
Fluoranthene
Concen: 0.353 ng
RT: 18.92 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:202 Resp: 9683

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.0	12.0
203	16.9	13.5	20.3



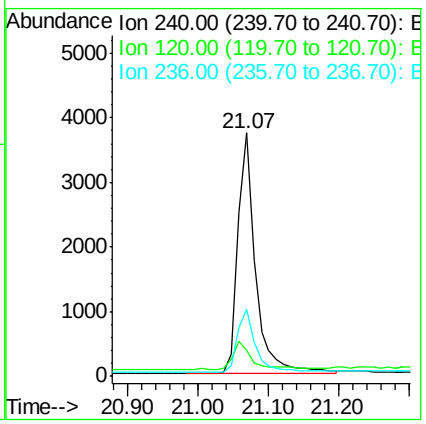


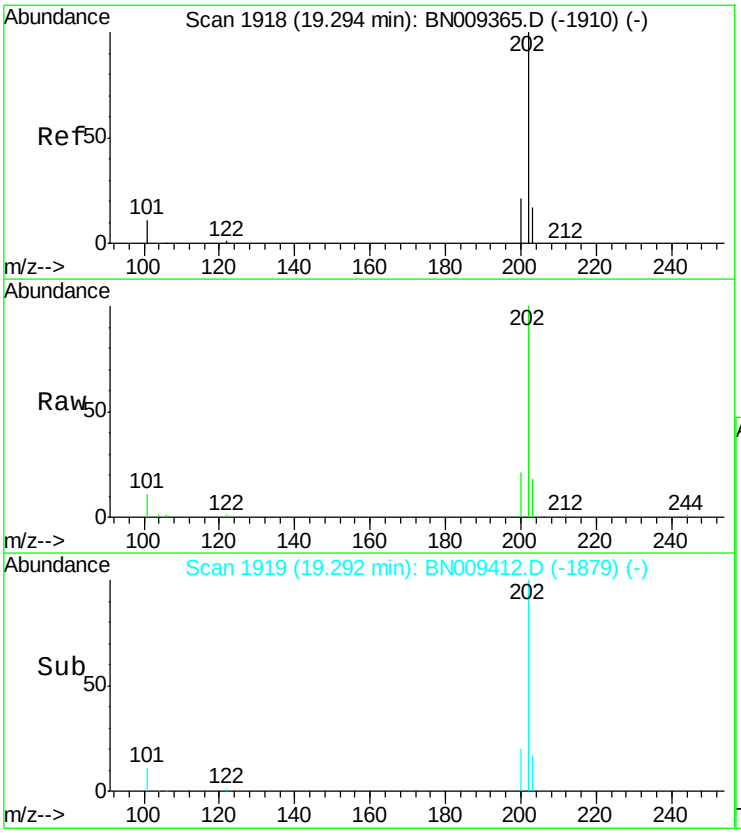
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 6424

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	27.7	22.2	33.4

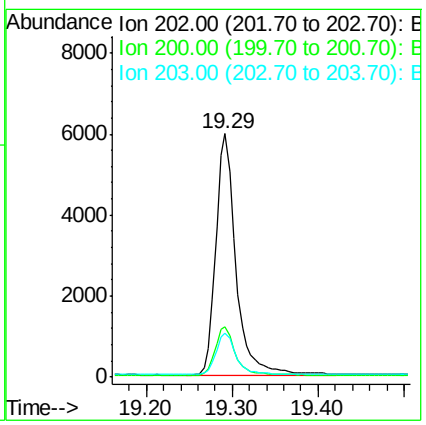


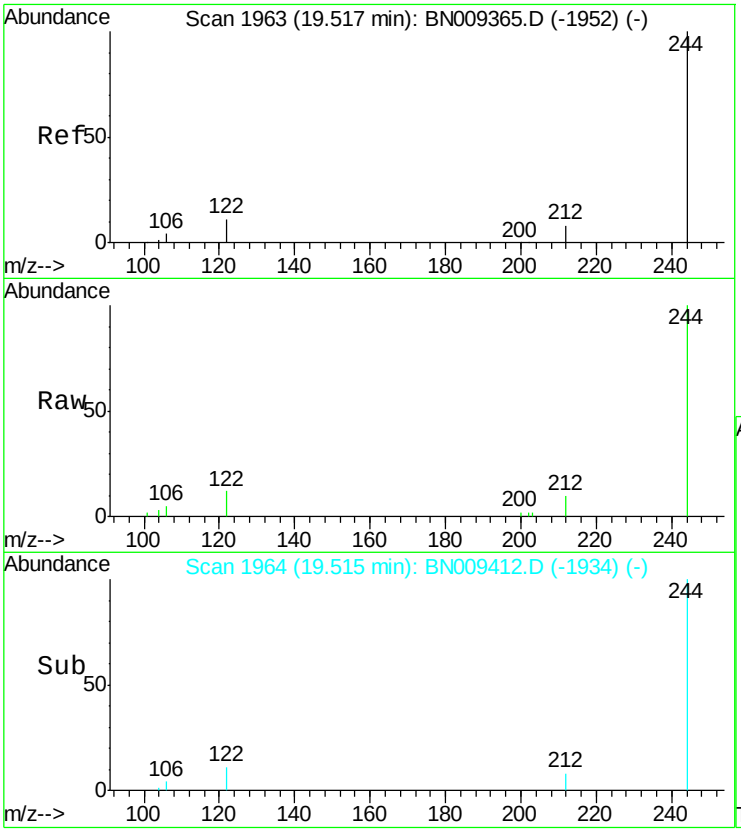


#28
Pyrene
Concen: 0.398 ng
RT: 19.29 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:202 Resp: 9701

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.5	14.1	21.1



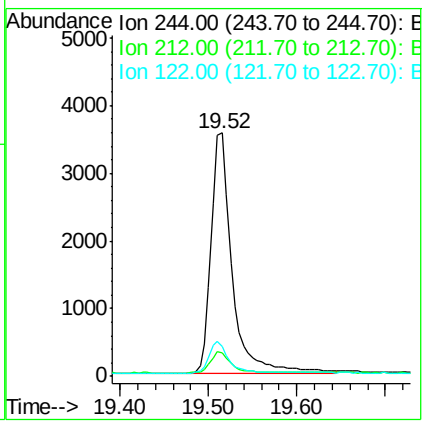


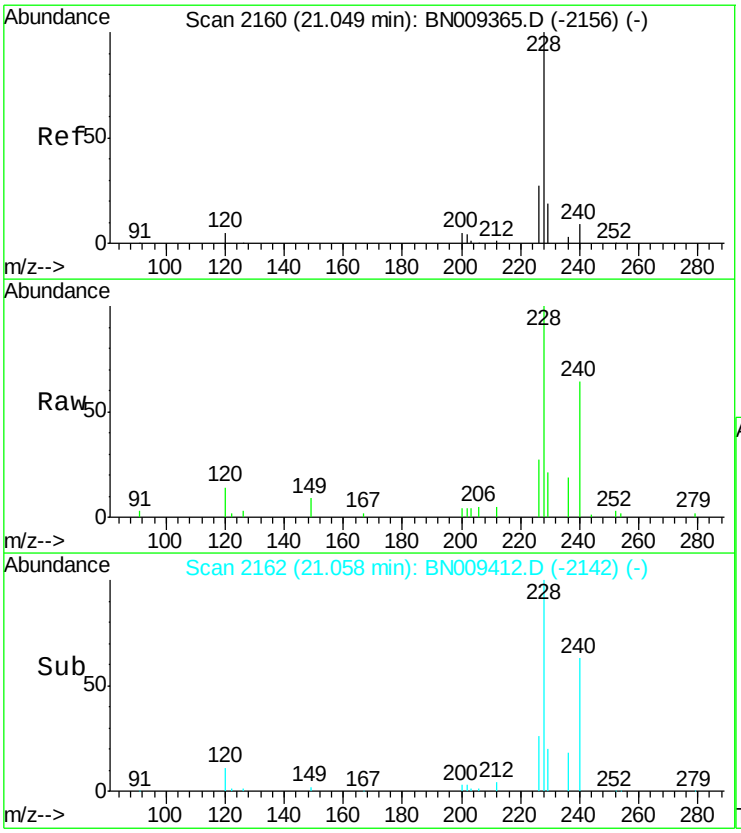
#29
Terphenyl-d14
Concen: 0.385 ng
RT: 19.52 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5866

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.5	11.3
122	12.0	9.8	14.6

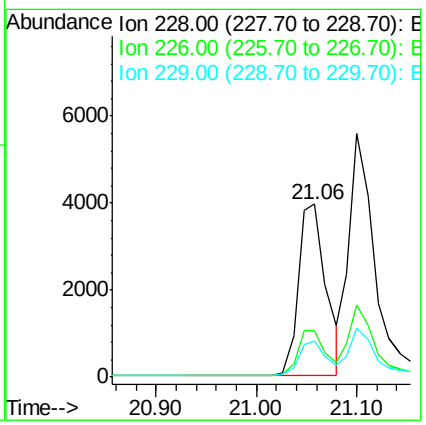


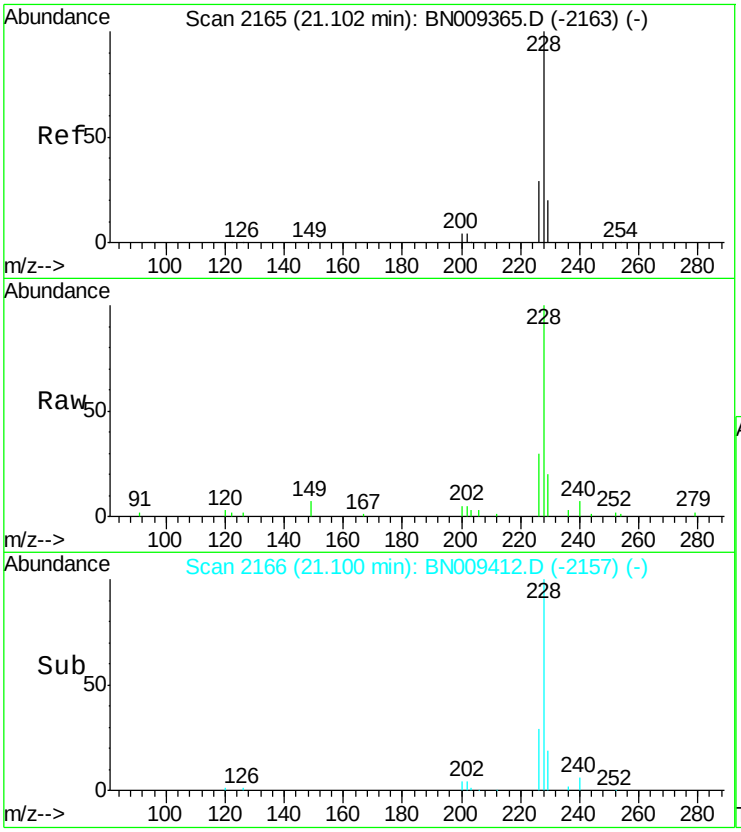


#30
Benzo(a)anthracene
Concen: 0.359 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:228 Resp: 7580

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.5	33.7
229	20.6	16.1	24.1



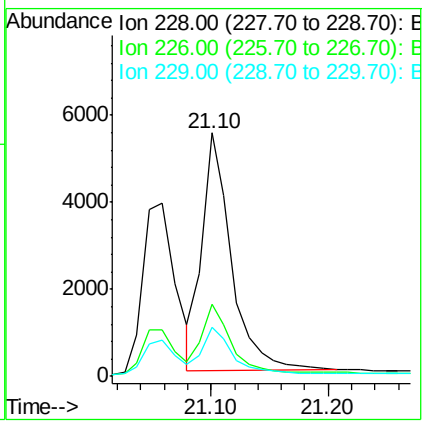


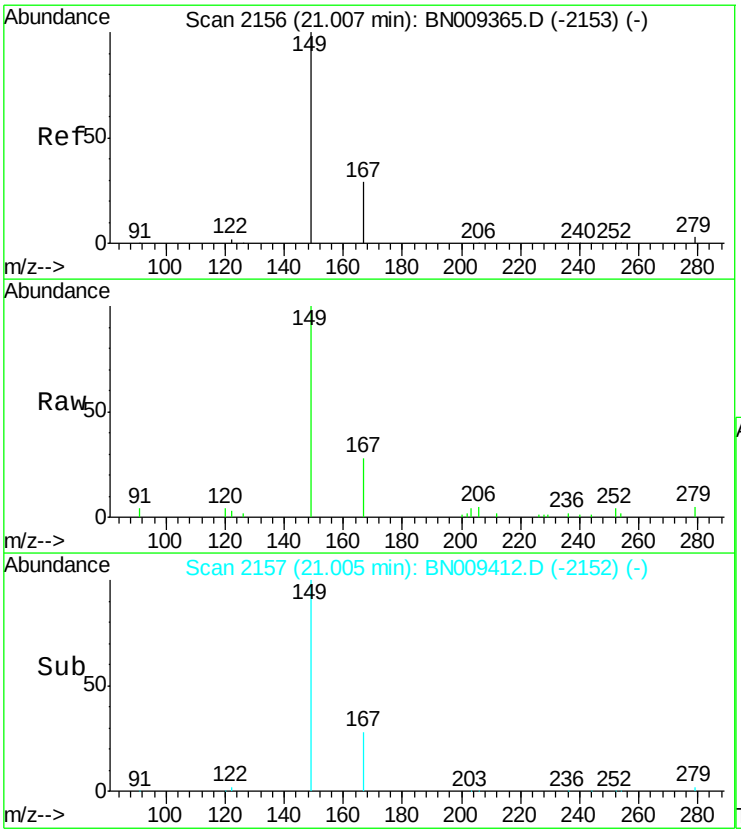
#31
Chrysene
Concen: 0.397 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 9580

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	20.2	16.6	24.8

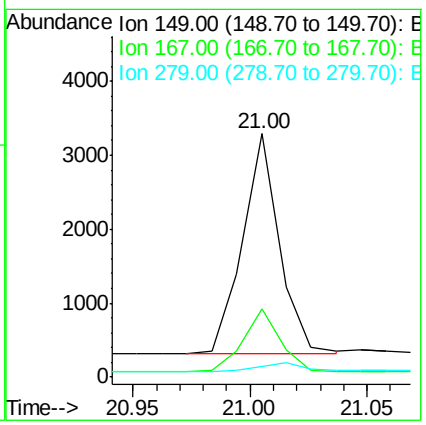


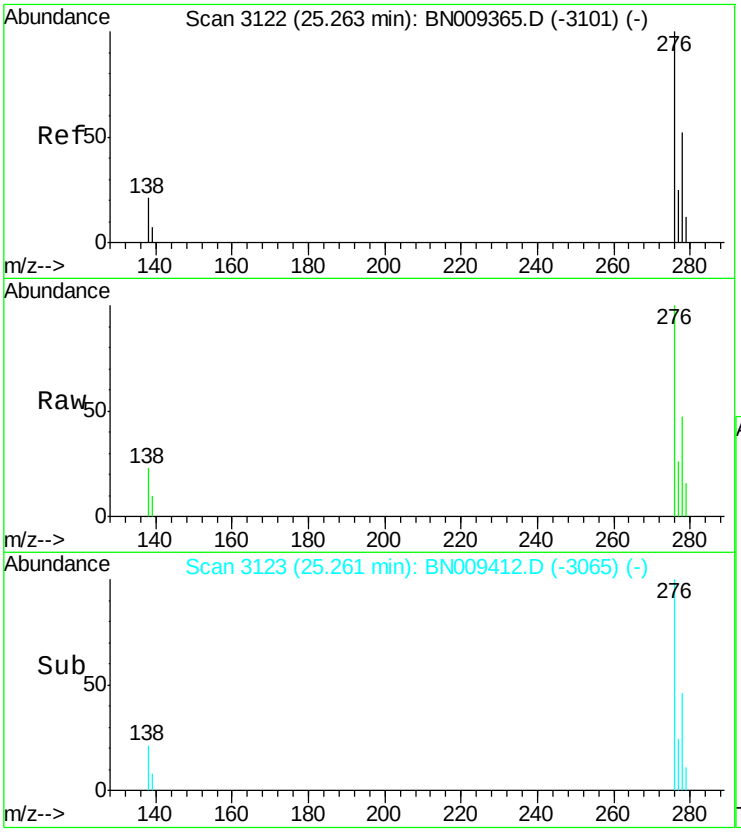


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:149 Resp: 3245

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	4.6	3.4	5.0



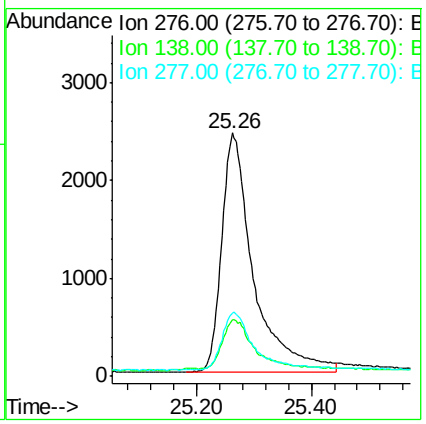


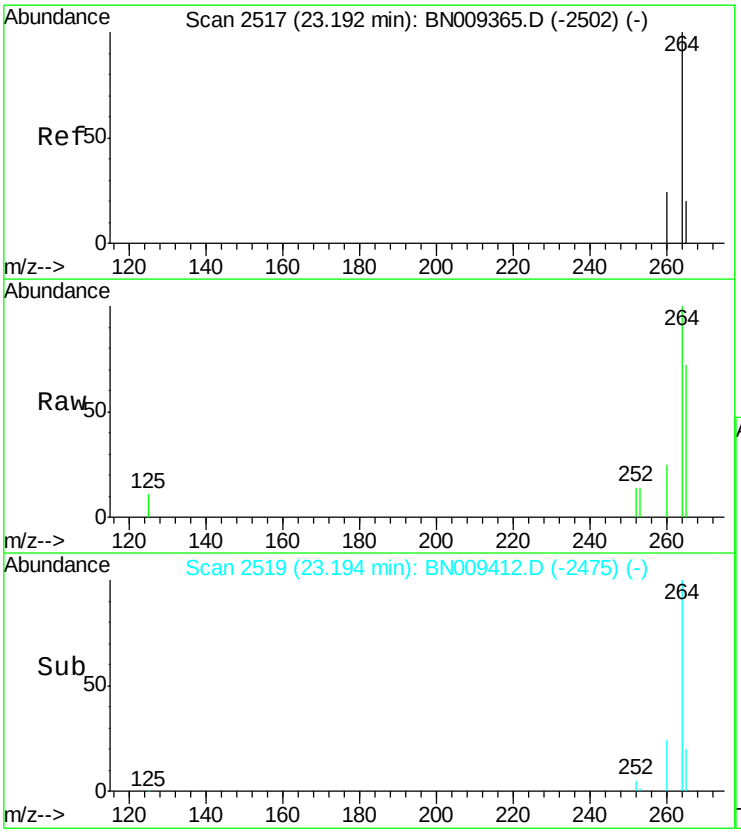
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng
RT: 25.26 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9326

Ion	Ratio	Lower	Upper
276	100		
138	21.3	15.9	23.9
277	24.4	19.8	29.6

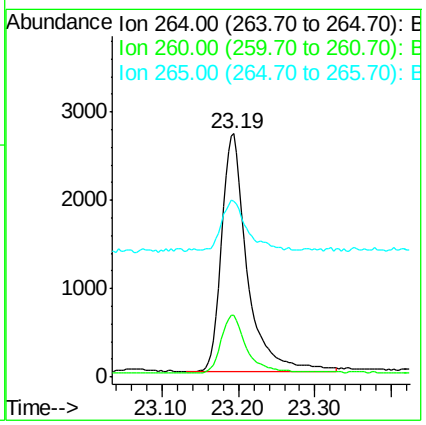


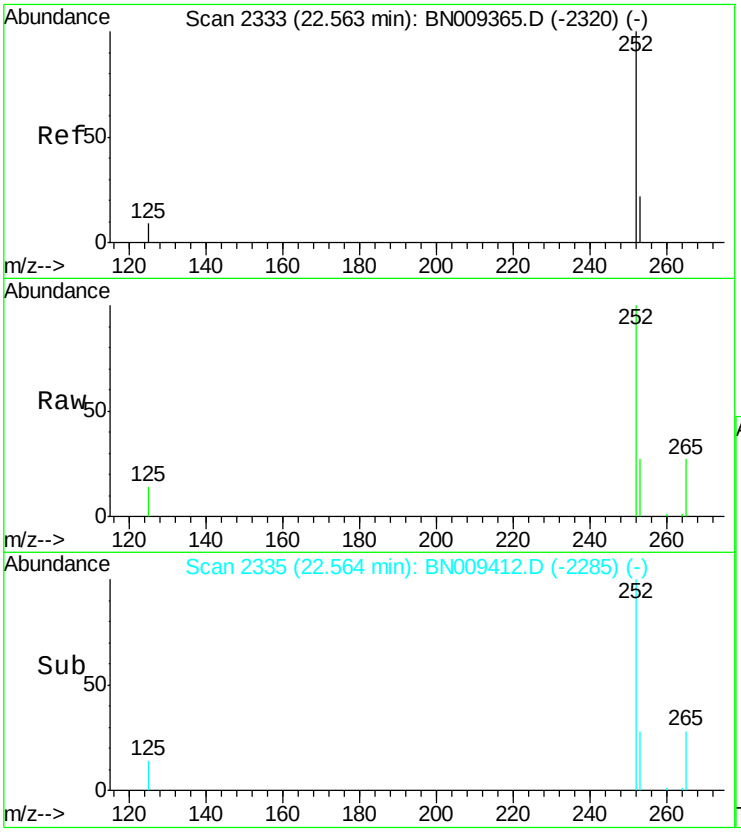


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:264 Resp: 6332

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	72.1	68.2	102.4



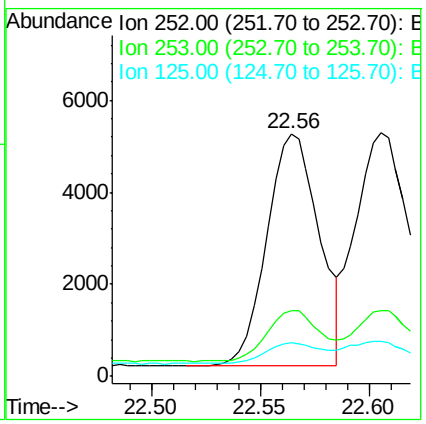


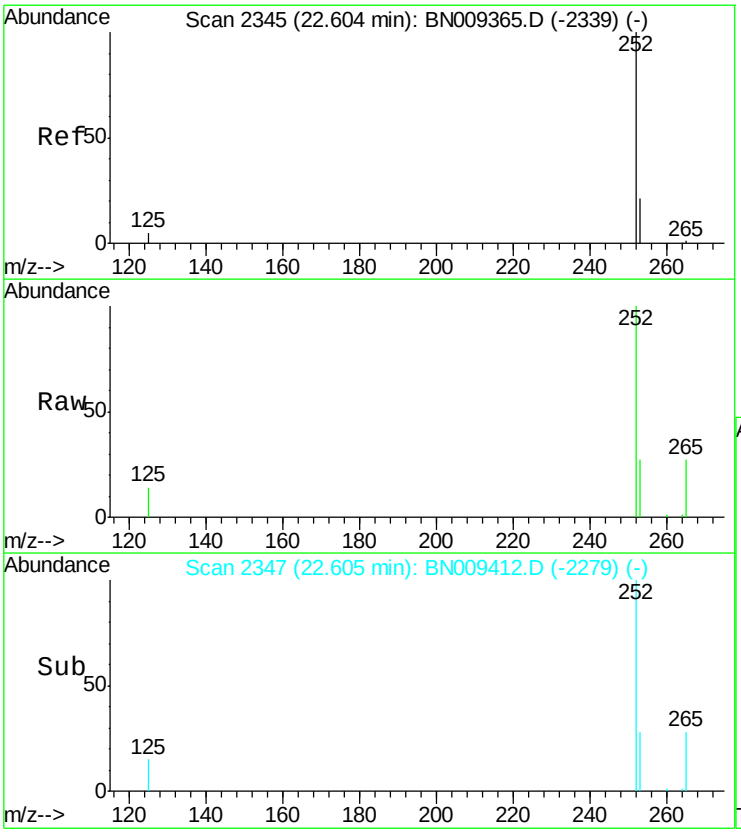
#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 22.56 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8403

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.4	33.6
125	13.8	11.6	17.4

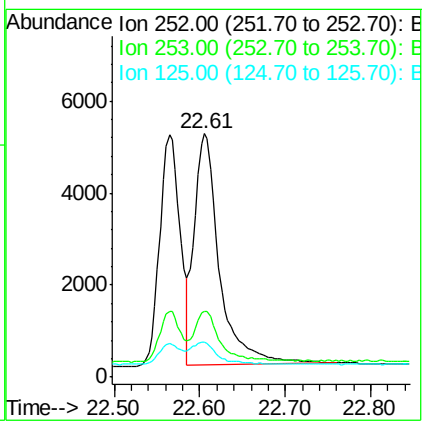


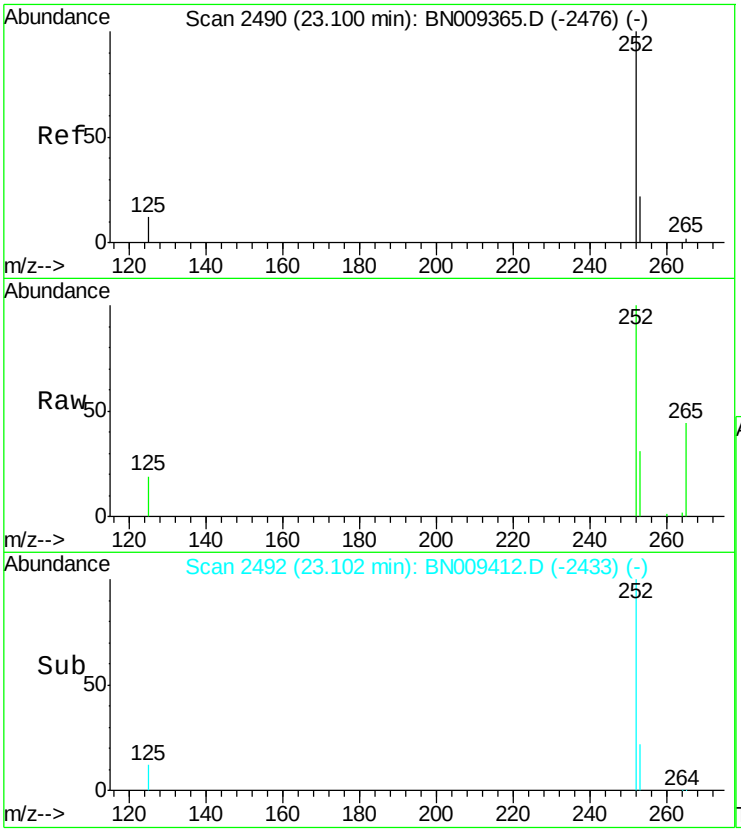


#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.61 min Scan# 2347
Delta R.T. 0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:252 Resp: 10249

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.9	32.9
125	14.2	12.0	18.0



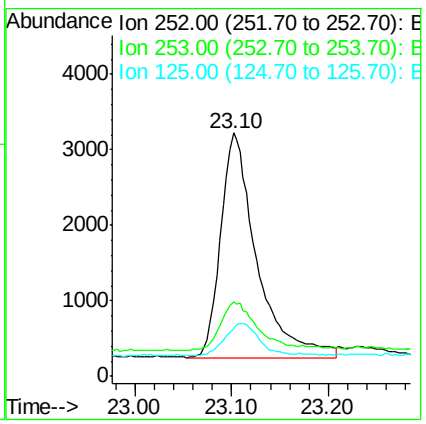


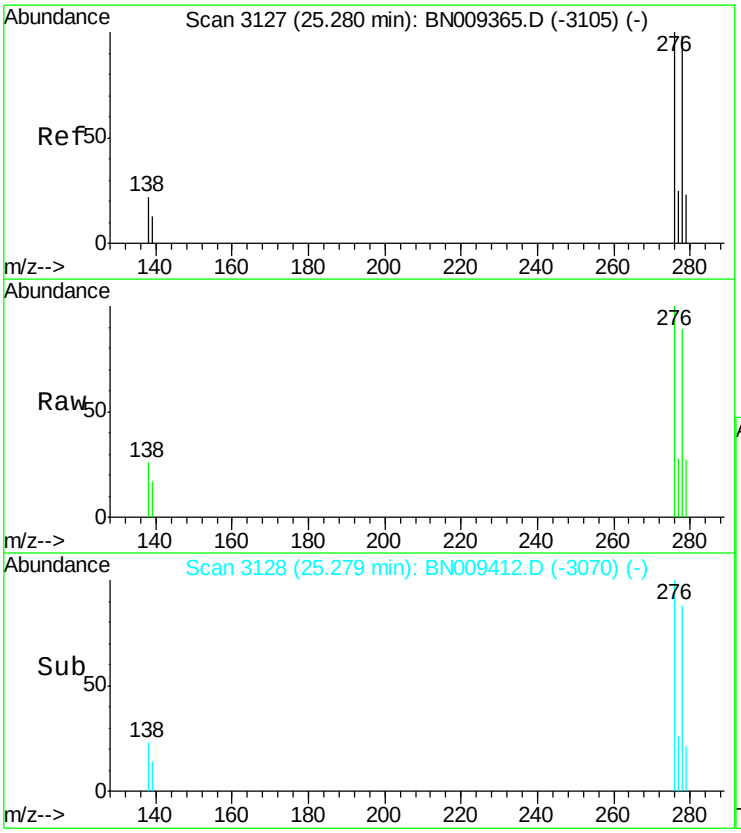
#37
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7700

Ion	Ratio	Lower	Upper
252	100		
253	30.9	25.4	38.0
125	19.5	16.2	24.2

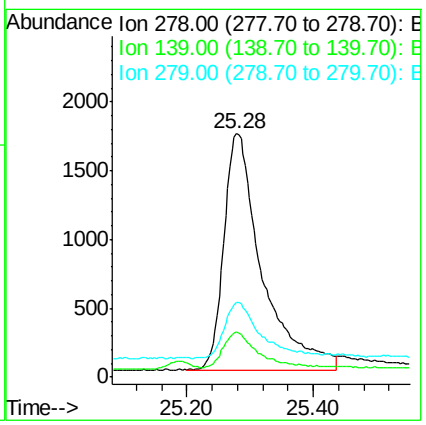


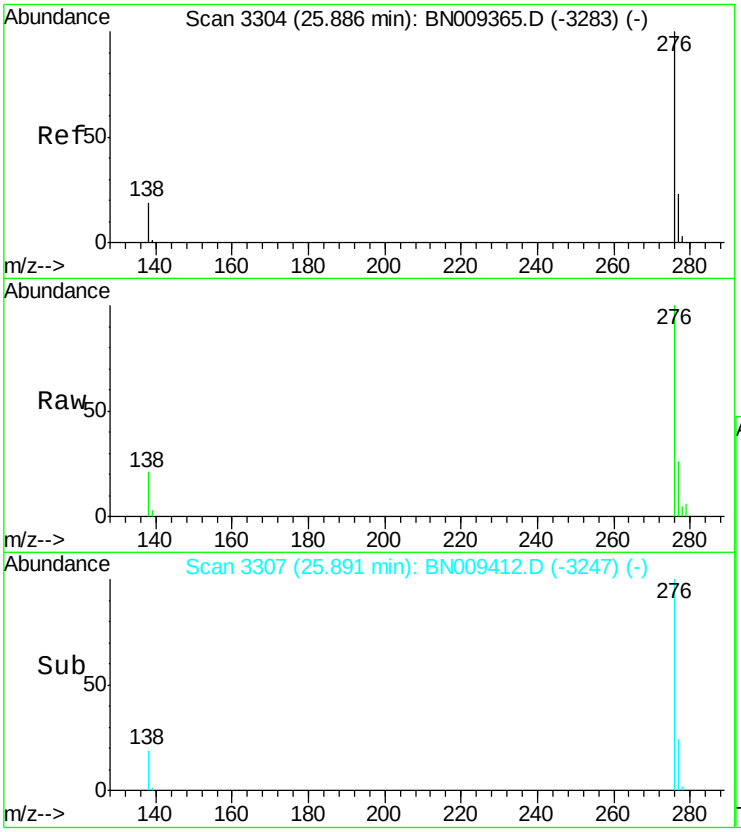


#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 25.28 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:278 Resp: 7200

Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.5	21.7
279	30.7	24.2	36.4





#39
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 25.89 min Scan# 3307
Delta R.T. 0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8356

Ion	Ratio	Lower	Upper
276	100		
277	26.2	20.6	30.8
138	21.5	17.1	25.7