Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
Data File : BN009387.D
Acq On : 16 Jan 2020 16:35
Operator : JU
Sample : K3591-09
Misc : MDL-MDL-W-0.1NG
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 16 17:07:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 16 16:31:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1588	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	5277	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	3346	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	7272	0.40	ng		0.00
27) Chrysene-d12	21.07	240	6188	0.40	ng		0.00
34) Perylene-d12	23.19	264	6362	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1401	0.38	ng		0.00
5) Phenol-d6	6.69	99	1583	0.37	ng		0.00
8) Nitrobenzene-d5	8.64	82	1399	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	11.84	152	3135	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.62	330	411	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.74	172	4465	0.36	ng		0.01
25) Fluoranthene-d10	18.90	212	7511	0.30	ng		0.00
29) Terphenyl-d14	19.51	244	5920	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	109	0.066	ng	#	78
3) n-Nitrosodimethylamine	3.47	42	23	0.009	ng	#	1
6) bis(2-Chloroethyl)ether	6.94	93	360	0.083	ng	#	73
9) Naphthalene	10.28	128	1290	0.090	ng	#	81
10) Hexachlorobutadiene	10.57	225	266	0.085	ng	#	96
12) 2-Methylnaphthalene	11.92	142	865	0.087	ng		95
16) Acenaphthylene	13.83	152	1091	0.076	ng		97
17) Acenaphthene	14.18	154	822	0.081	ng		97
18) Fluorene	15.18	166	1081	0.082	ng		99
20) 4-Bromophenyl-phenylether	16.08	248	346	0.079	ng		94
21) Hexachlorobenzene	16.17	284	383	0.082	ng		99
22) Pentachlorophenol	16.56	266	284	0.217	ng		97
23) Phenanthrene	16.91	178	1755	0.080	ng		99
24) Anthracene	17.01	178	1401	0.076	ng		98
26) Fluoranthene	18.93	202	2099	0.082	ng		96
28) Pyrene	19.30	202	2118	0.090	ng		97
30) Benzo(a)anthracene	21.06	228	1564	0.077	ng		95
31) Chrysene	21.10	228	2159	0.093	ng		94
32) Bis(2-ethylhexyl)phthalate	21.01	149	858	0.095	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.29	276	1887	0.078	ng		97
35) Benzo(b)fluoranthene	22.57	252	1932	0.083	ng	#	57
36) Benzo(k)fluoranthene	22.61	252	2323	0.090	ng	#	61
37) Benzo(a)pyrene	23.11	252	1884	0.091	ng	#	1
38) Dibenzo(a,h)anthracene	25.30	278	1634	0.079	ng	#	60
39) Benzo(g,h,i)perylene	25.91	276	1945	0.085	ng	#	82

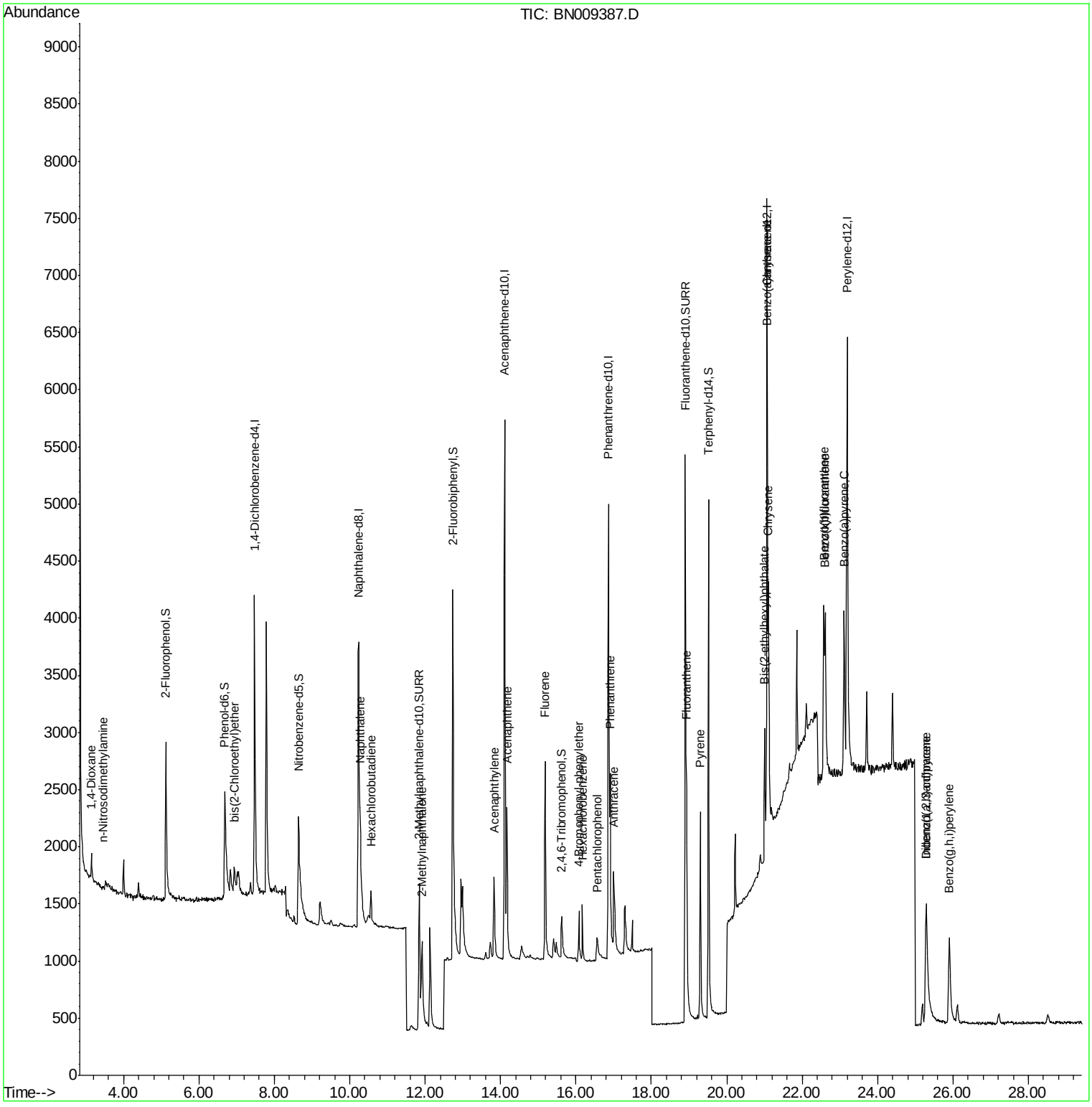
(#) = qualifier out of range (m) = manual integration (+) = signals summed

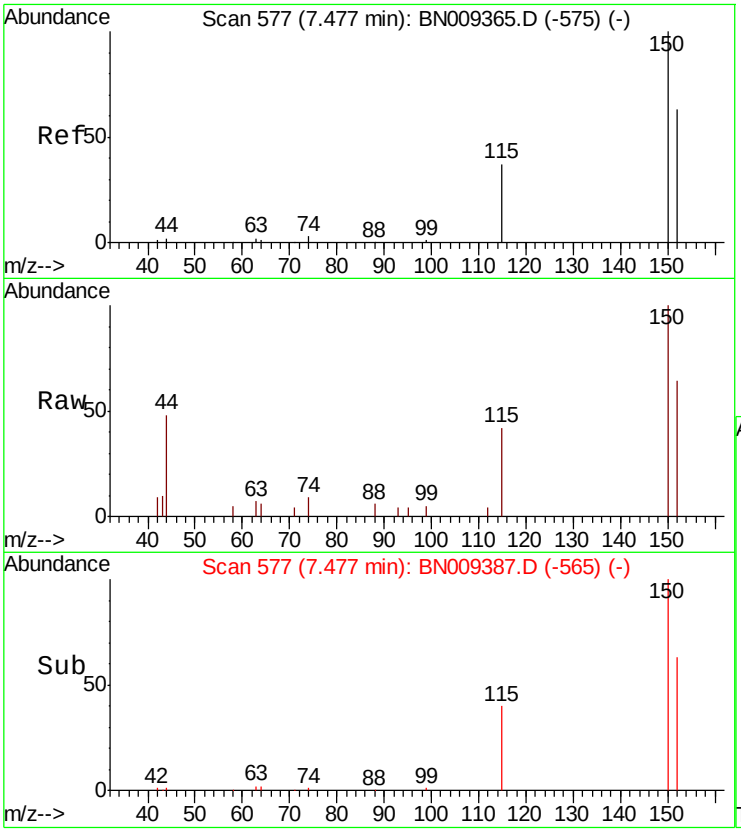
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
Data File : BN009387.D
Acq On : 16 Jan 2020 16:35
Operator : JU
Sample : K3591-09
Misc : MDL-MDL-W-0.1NG
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 16 17:07:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 16 16:31:39 2020
Response via : Initial Calibration



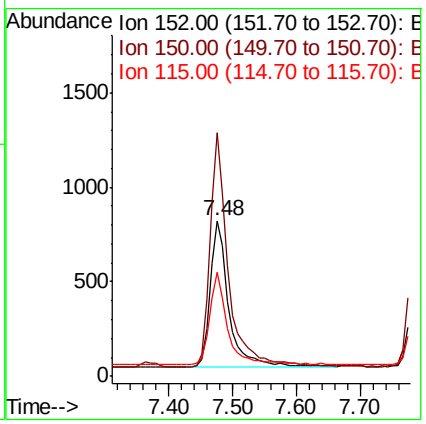


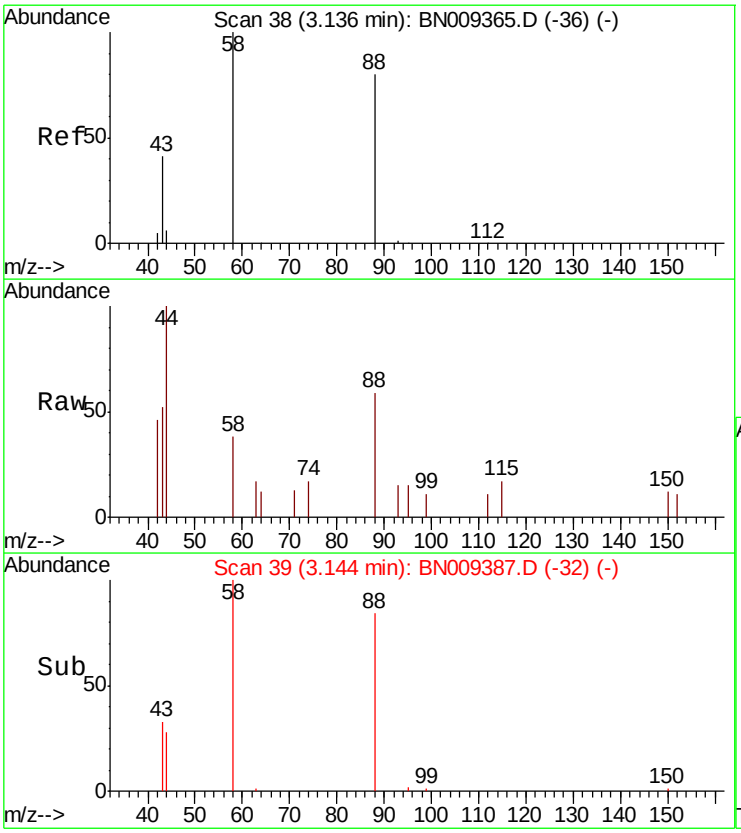
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1588

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.7	188.5
115	66.5	53.3	79.9

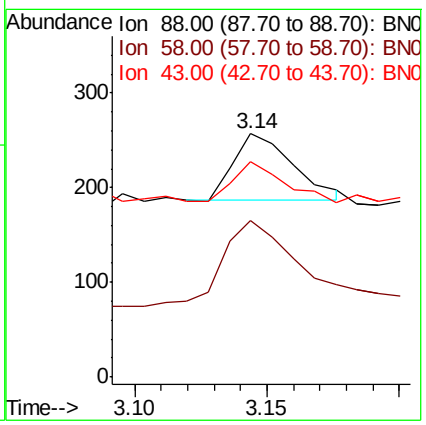


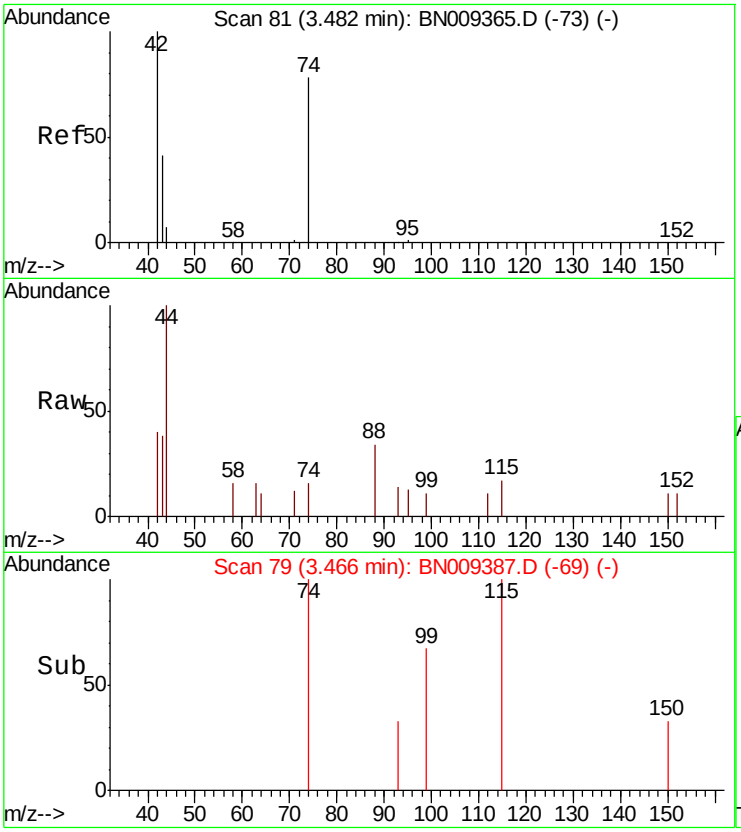


#2
1,4-Dioxane
Concen: 0.066 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion: 88 Resp: 109

Ion	Ratio	Lower	Upper
88	100		
58	160.6	100.2	150.2#
43	53.2	43.1	64.7



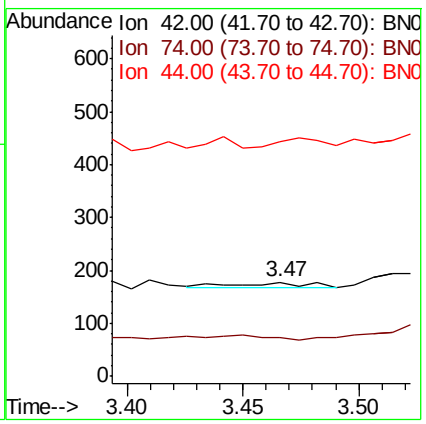


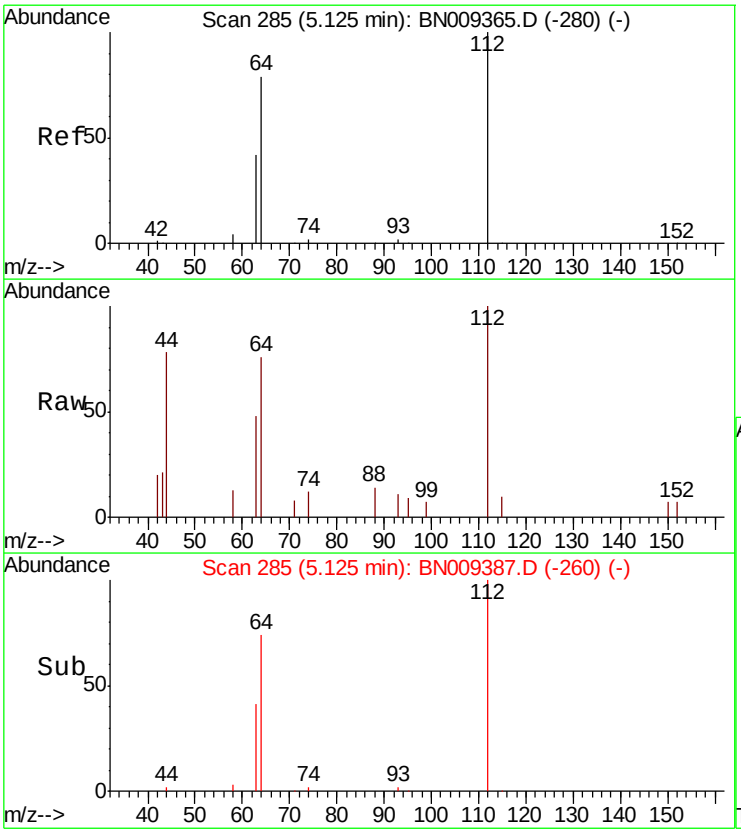
#3
n-Nitrosodimethylamine
Concen: 0.009 ng
RT: 3.47 min Scan# 79
Delta R.T. -0.02 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 23

Ion	Ratio	Lower	Upper
42	100		
74	0.0	55.8	83.8#
44	117.4	11.1	16.7#

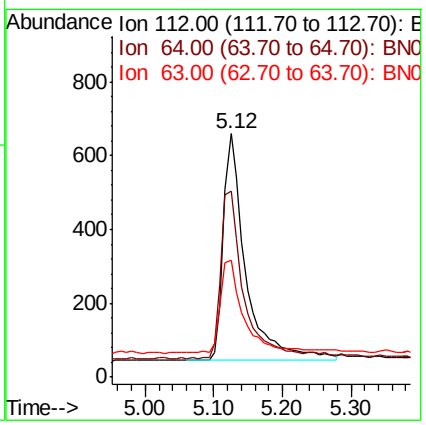


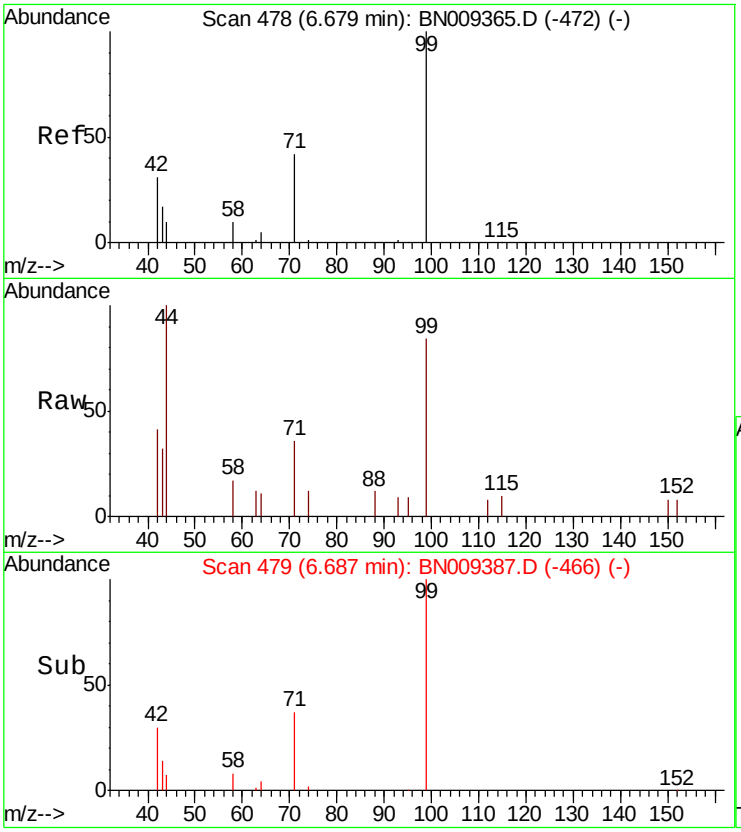


#4
2-Fluorophenol
Concen: 0.383 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:112 Resp: 1401

Ion	Ratio	Lower	Upper
112	100		
64	77.8	61.5	92.3
63	43.0	35.0	52.4



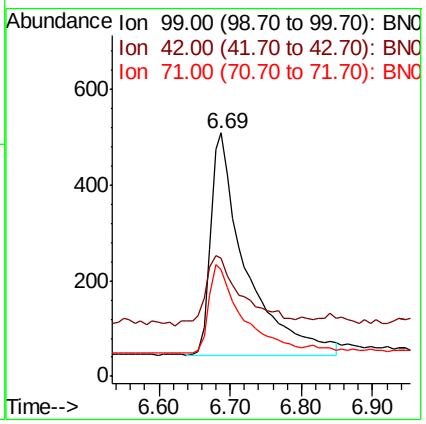


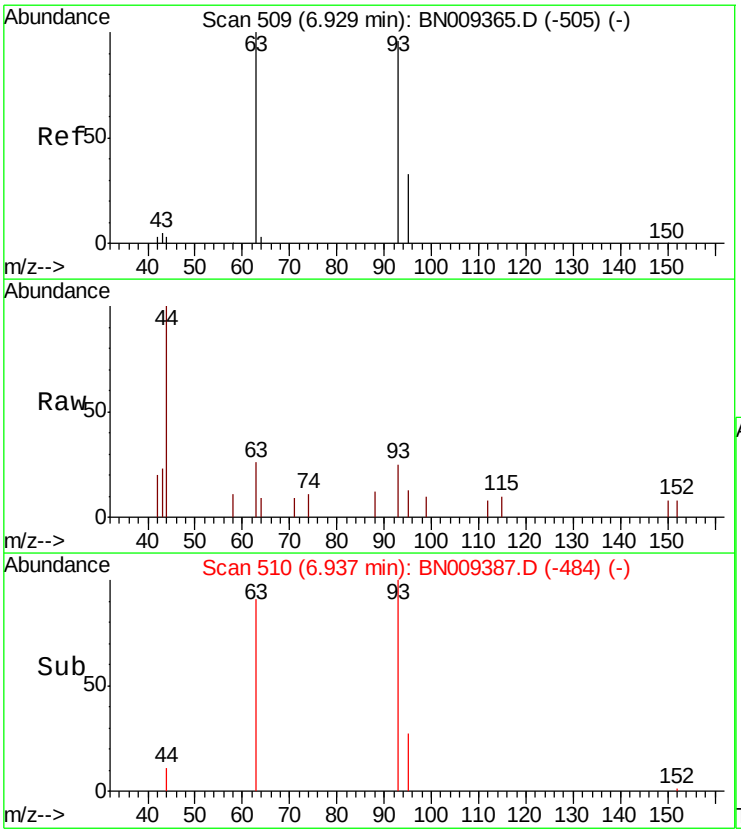
#5
Phenol-d6
Concen: 0.374 ng
RT: 6.69 min Scan# 479
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1583

Ion	Ratio	Lower	Upper
99	100		
42	33.7	27.6	41.4
71	37.5	33.0	49.6

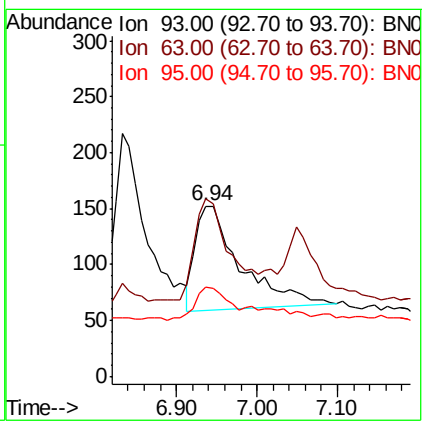


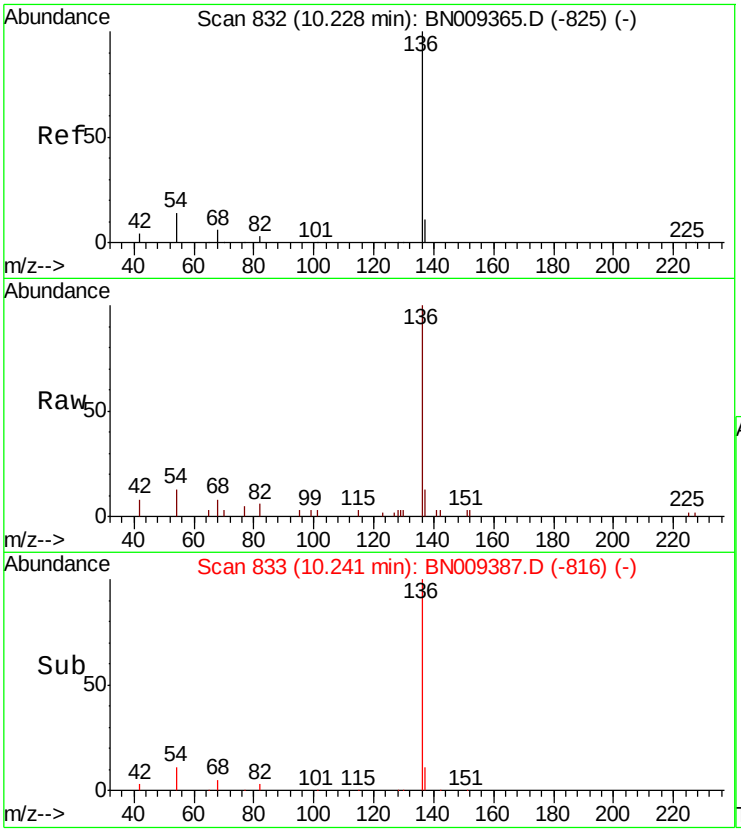


#6
bis(2-Chloroethyl)ether
Concen: 0.083 ng
RT: 6.94 min Scan# 510
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion: 93 Resp: 360

Ion	Ratio	Lower	Upper
93	100		
63	76.9	85.1	127.7#
95	23.1	30.2	45.4#



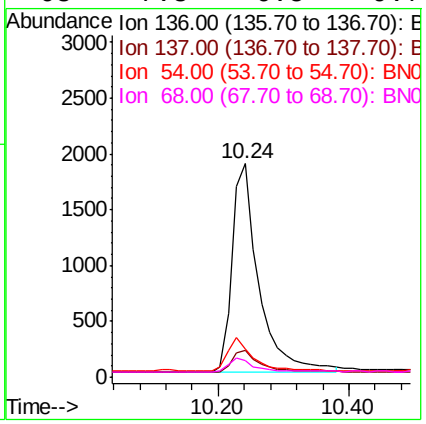


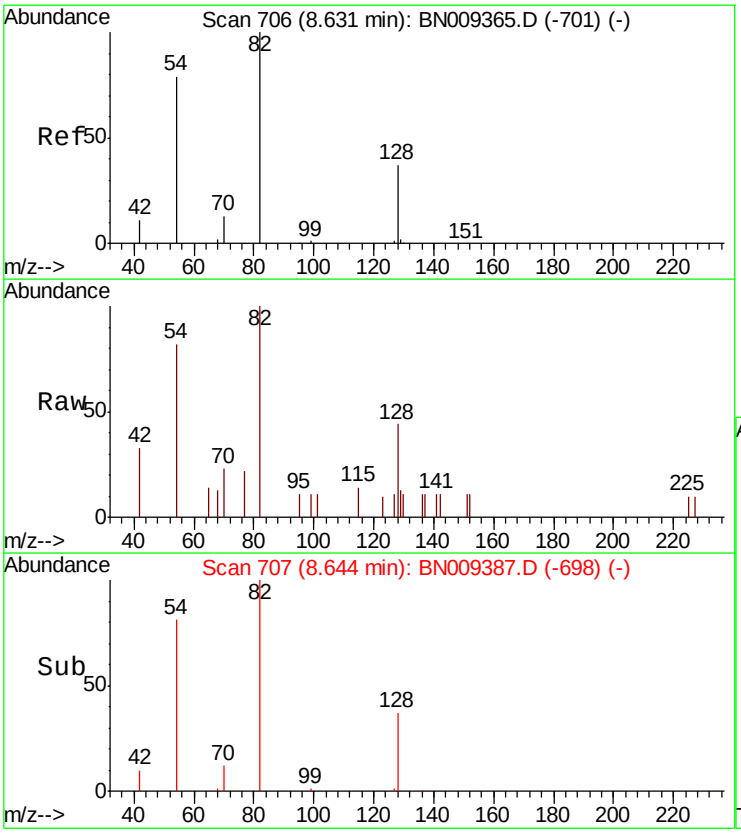
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 5277

Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.3	15.5
54	13.4	12.6	19.0
68	7.8	6.5	9.7

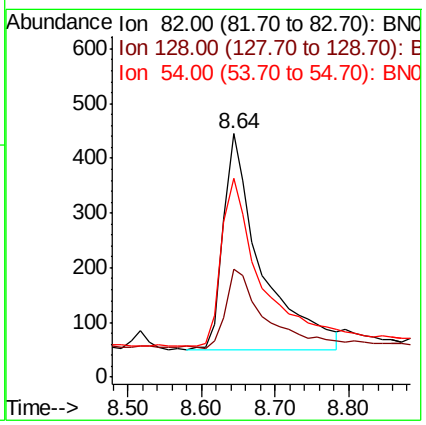


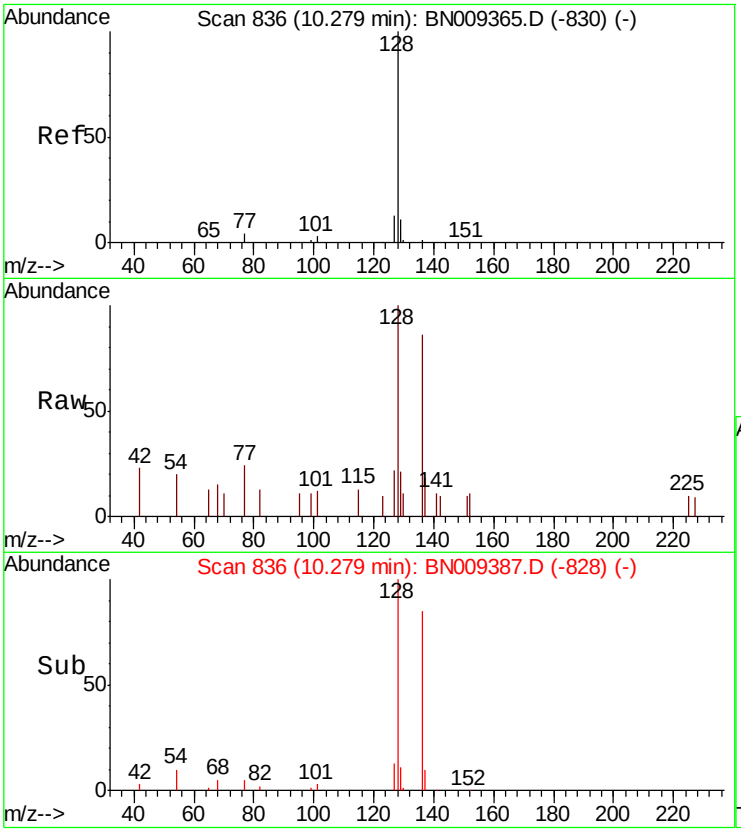


#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.64 min Scan# 707
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion: 82 Resp: 1399

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.8	52.2
54	81.8	65.8	98.6



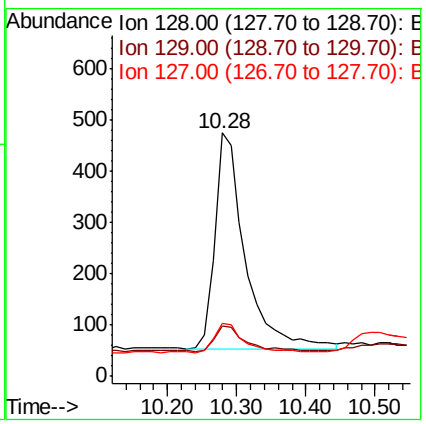


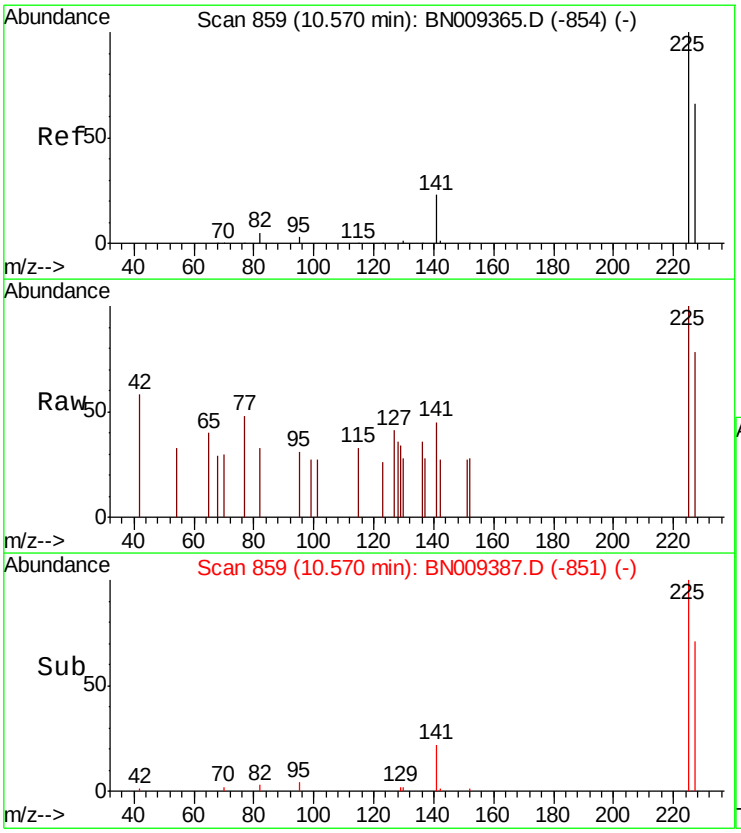
#9
Naphthalene
Concen: 0.090 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 1290

Ion	Ratio	Lower	Upper
128	100		
129	20.8	10.4	15.6#
127	21.6	11.4	17.2#

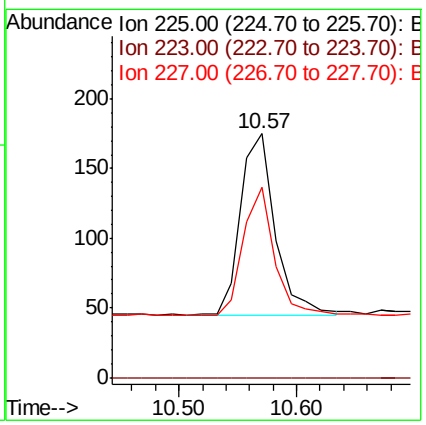


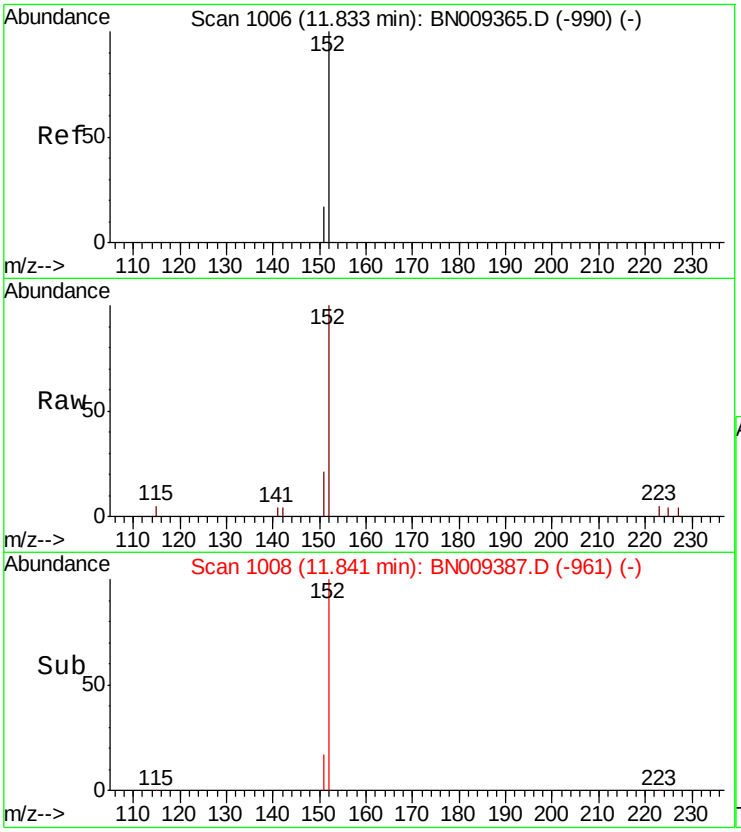


#10
Hexachlorobutadiene
Concen: 0.085 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:225 Resp: 266

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	52.6	78.8



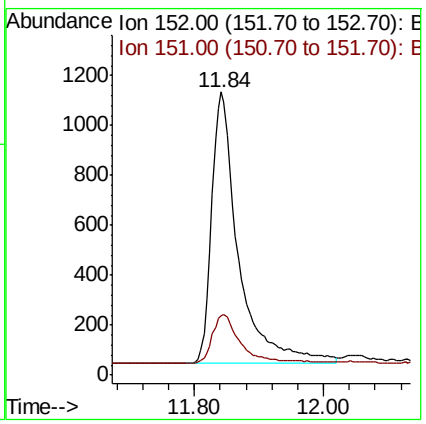


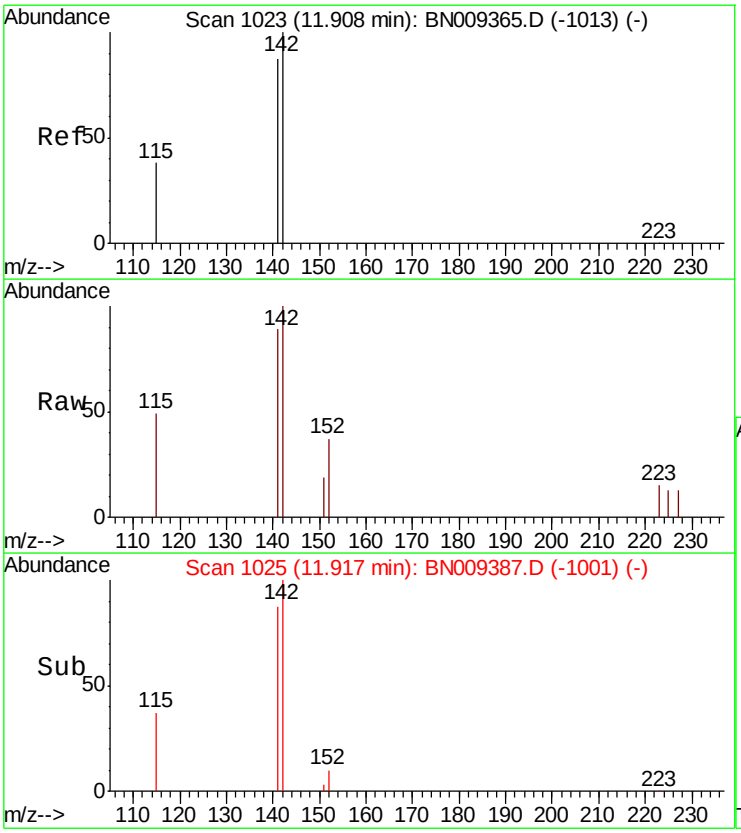
#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.84 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3135

Ion	Ratio	Lower	Upper
152	100		
151	18.3	14.8	22.2

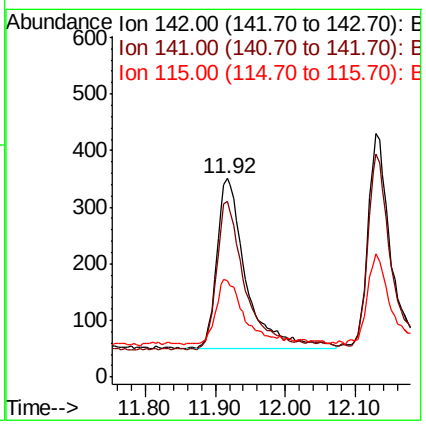


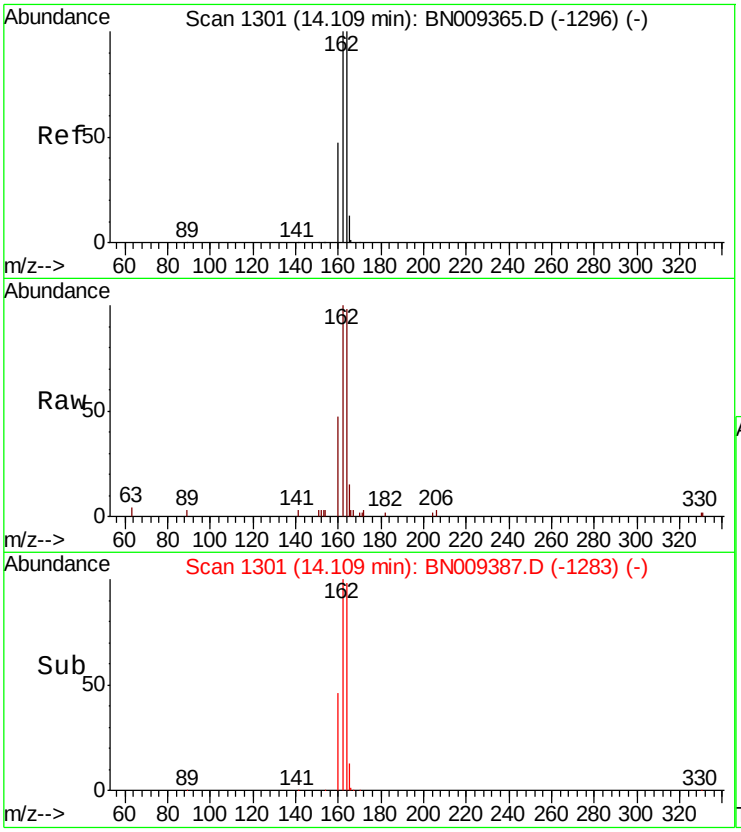


#12
2-Methylnaphthalene
Concen: 0.087 ng
RT: 11.92 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:142 Resp: 865

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.8	104.6
115	48.7	32.5	48.7



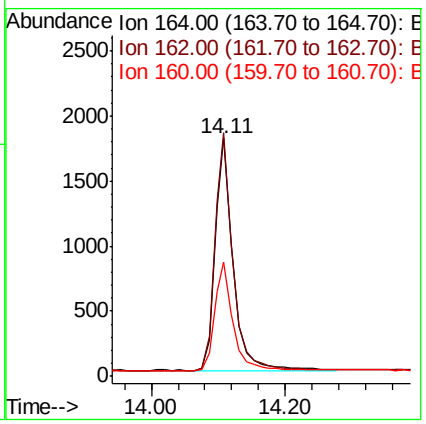


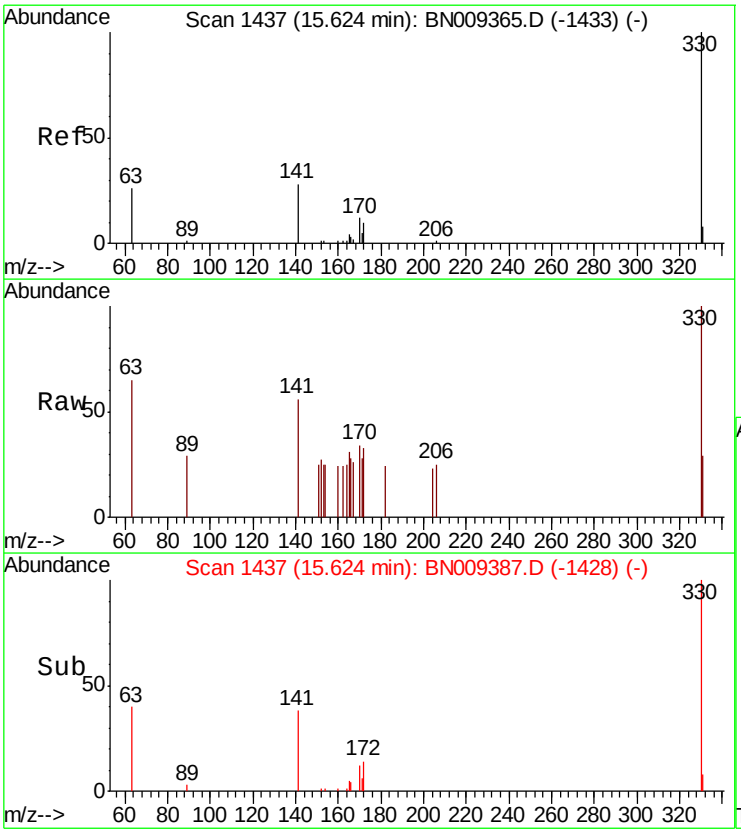
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3346

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.8	119.6
160	48.2	38.4	57.6

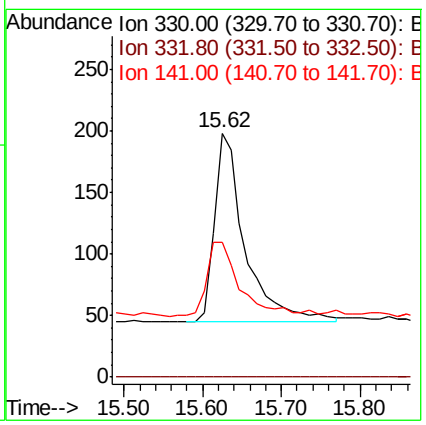


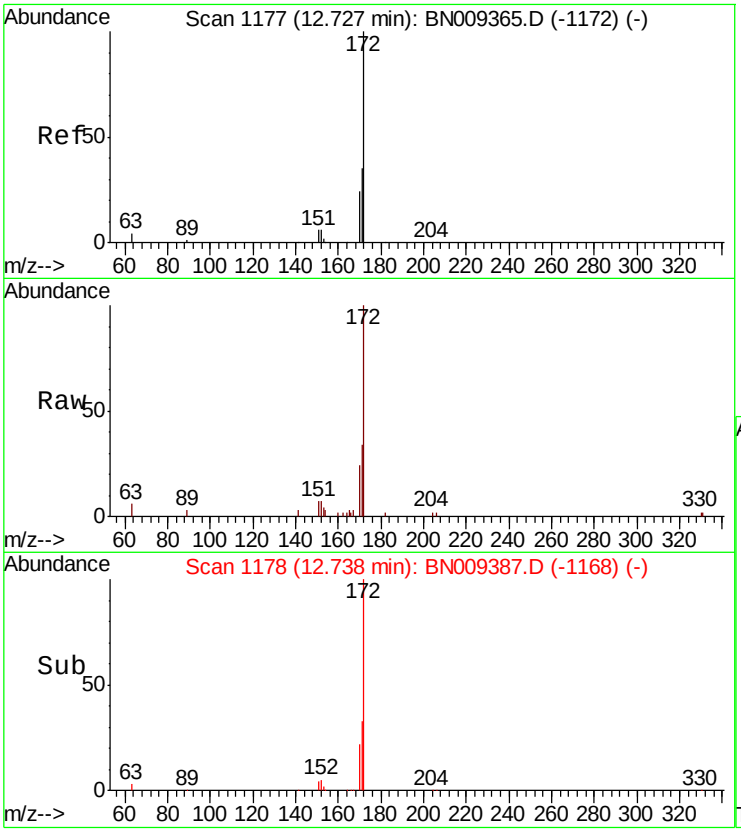


#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.62 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:330 Resp: 411

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.6	33.1	49.7



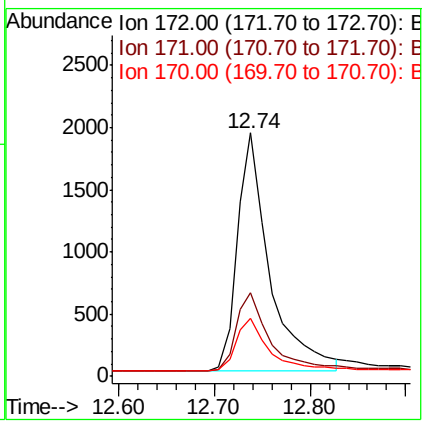


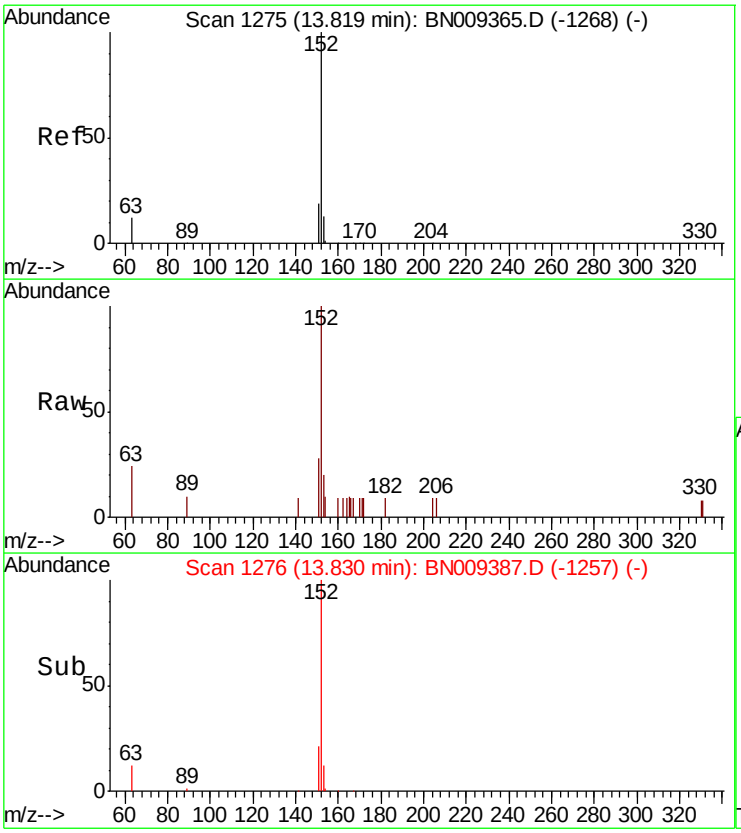
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.74 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4465

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.5	44.3
170	23.8	20.7	31.1

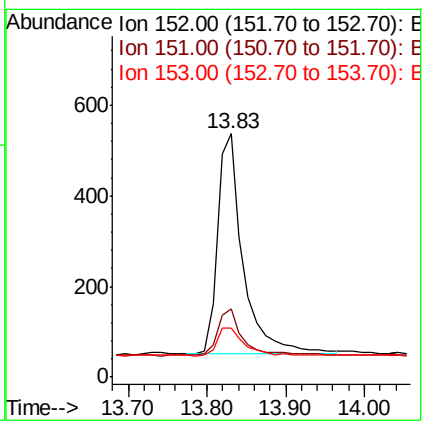


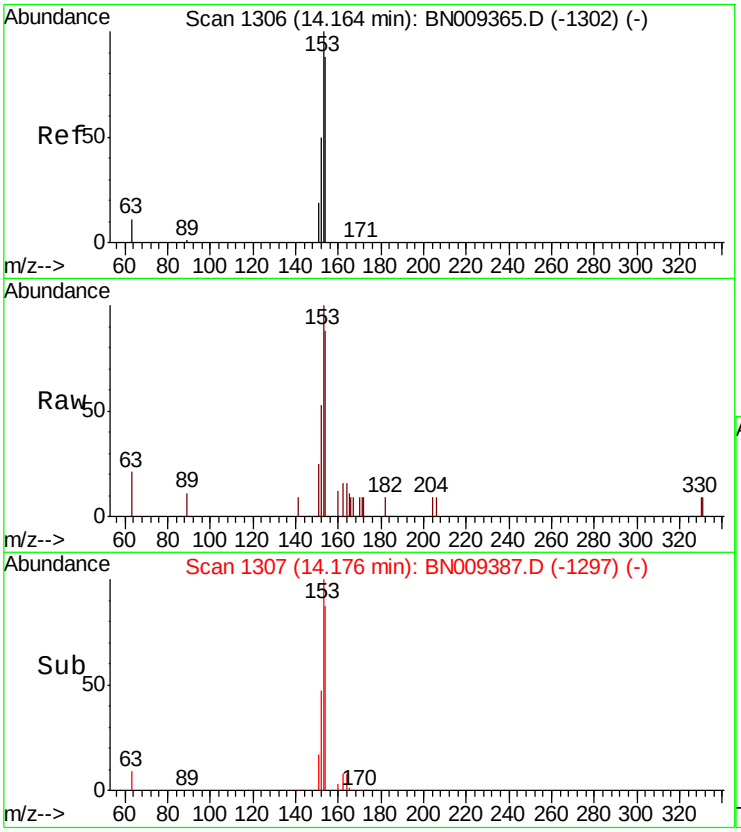


#16
Acenaphthylene
Concen: 0.076 ng
RT: 13.83 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:152 Resp: 1091

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.4	23.2
153	13.7	10.4	15.6



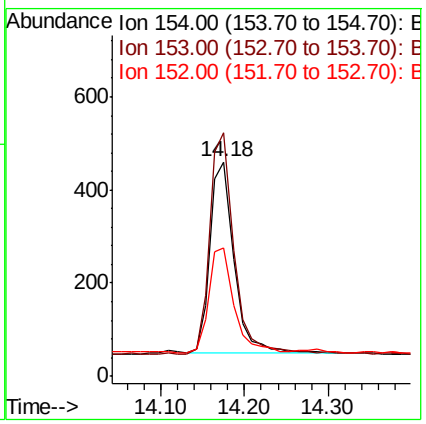


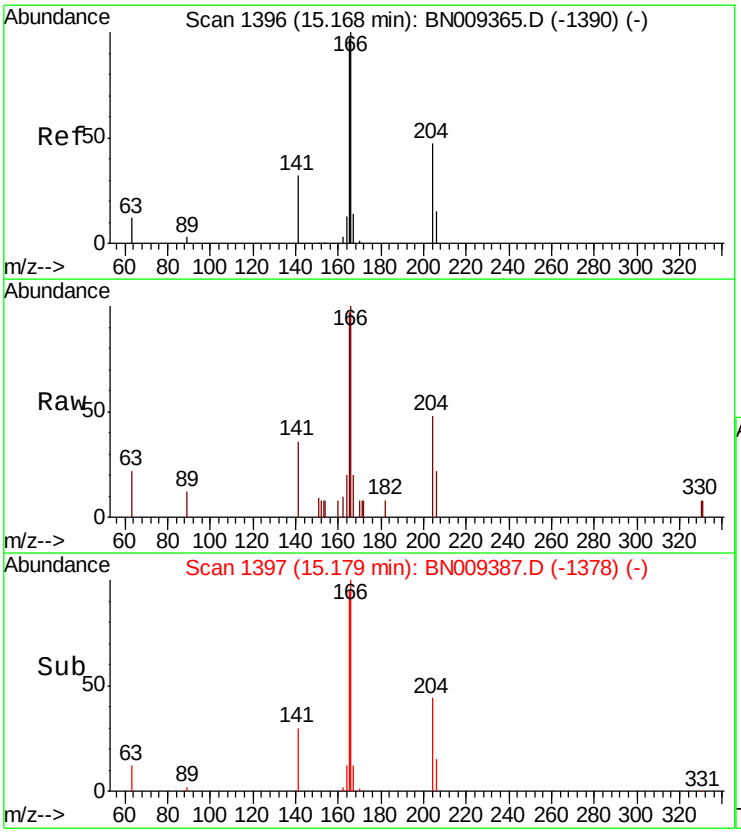
#17
Acenaphthene
Concen: 0.081 ng
RT: 14.18 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 822

Ion	Ratio	Lower	Upper
154	100		
153	117.8	90.5	135.7
152	57.8	45.3	67.9

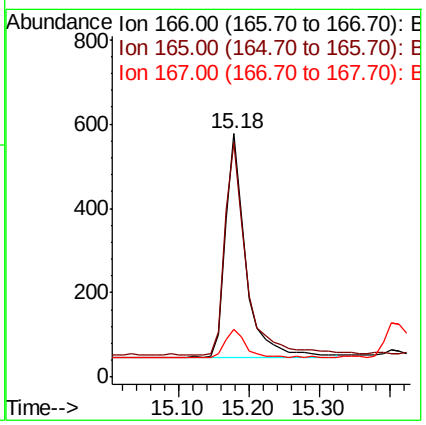


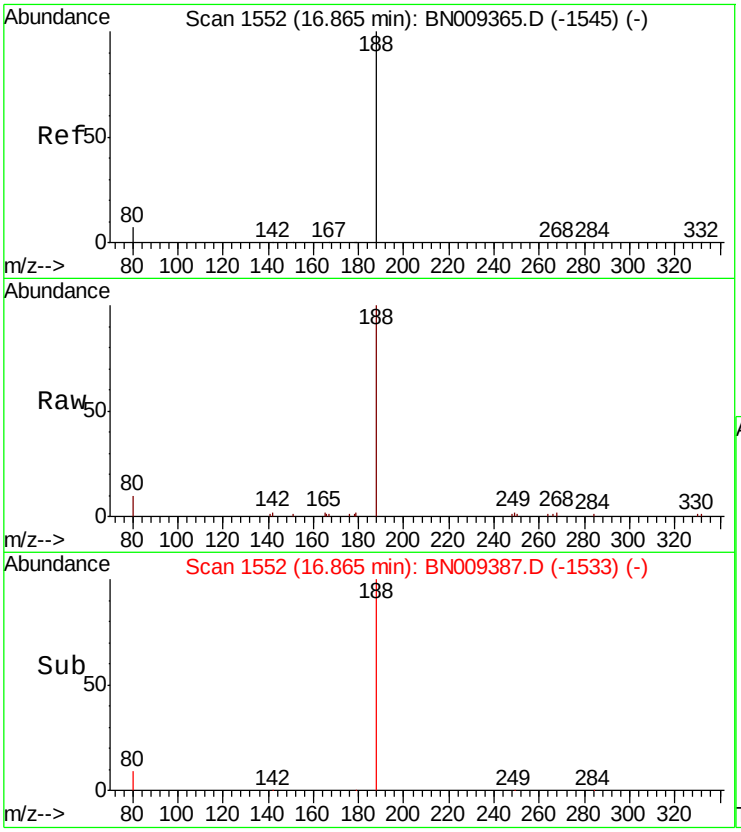


#18
Fluorene
Concen: 0.082 ng
RT: 15.18 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:166 Resp: 1081

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.2	117.2
167	12.3	11.0	16.6



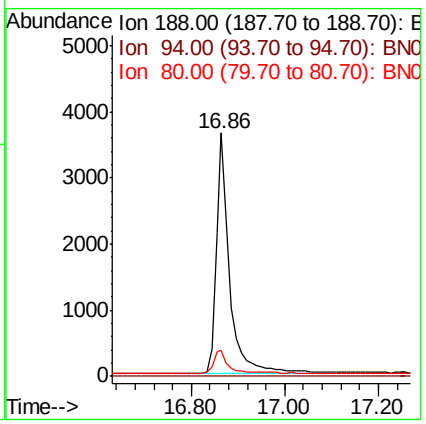


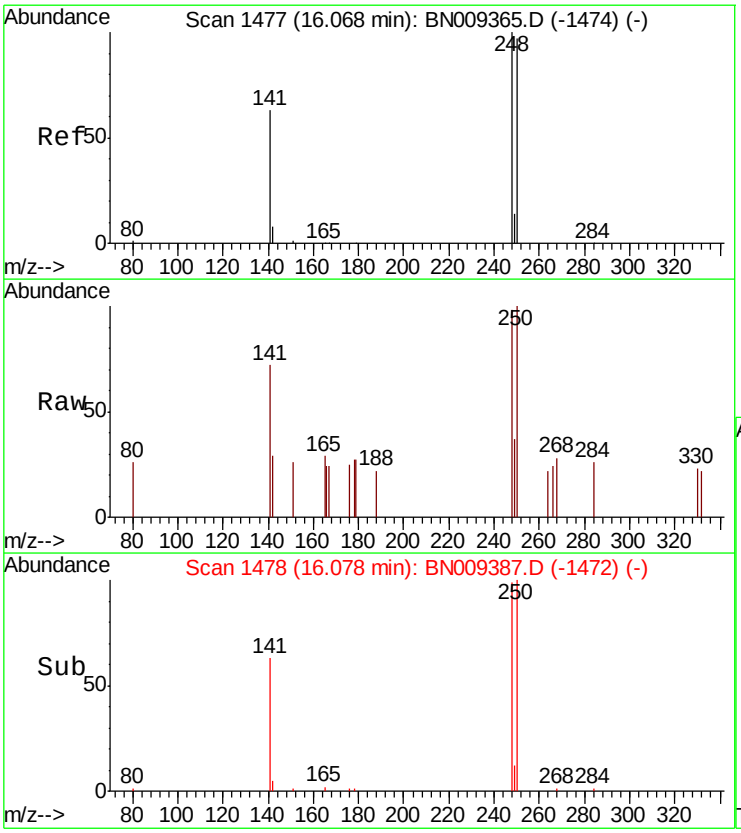
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 7272

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	6.6	10.0#

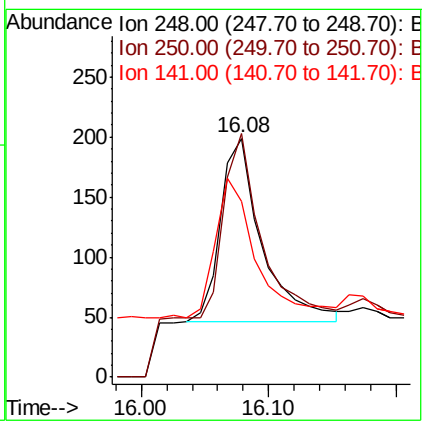


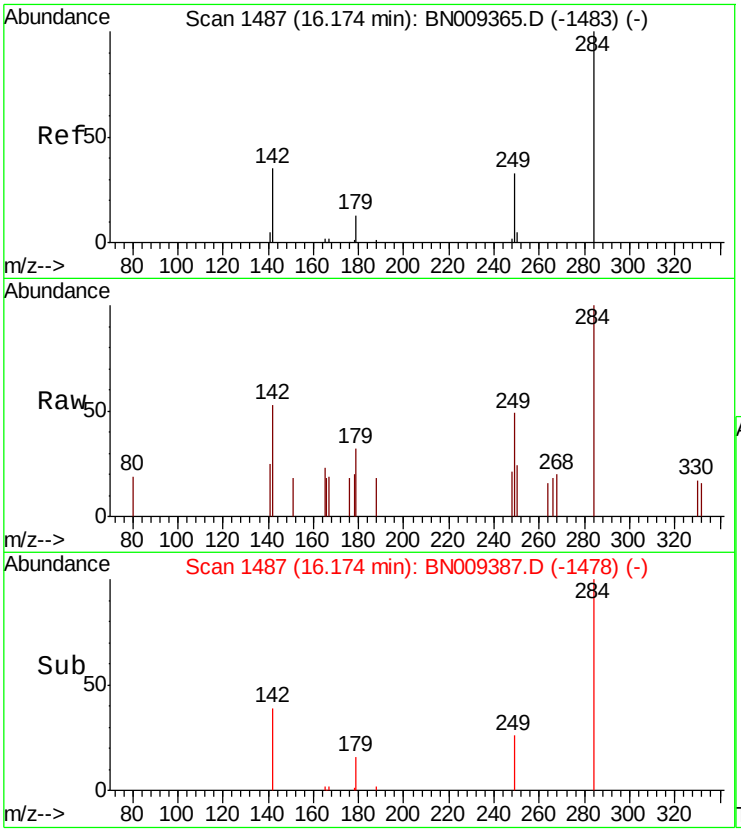


#20
4-Bromophenyl-phenylether
Concen: 0.079 ng
RT: 16.08 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:248 Resp: 346

Ion	Ratio	Lower	Upper
248	100		
250	102.0	77.8	116.8
141	73.9	53.4	80.0



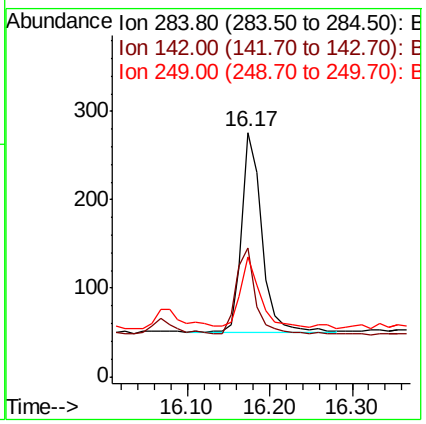


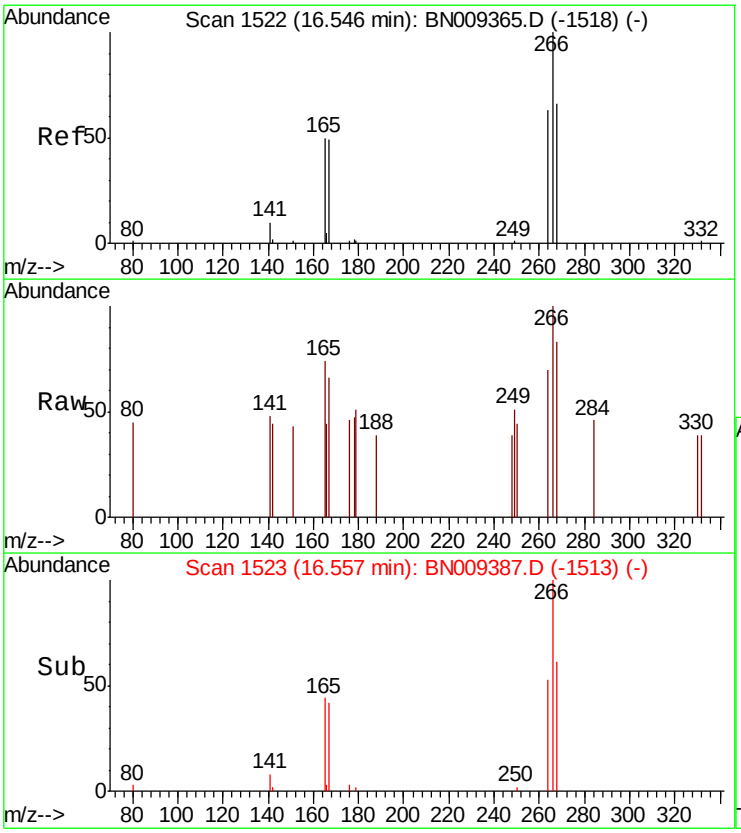
#21
Hexachlorobenzene
Concen: 0.082 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 383

Ion	Ratio	Lower	Upper
284	100		
142	41.8	33.8	50.8
249	32.9	27.0	40.4

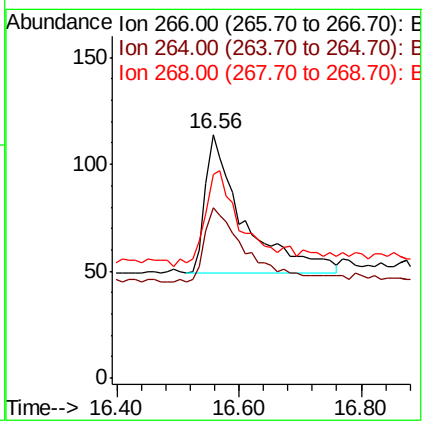


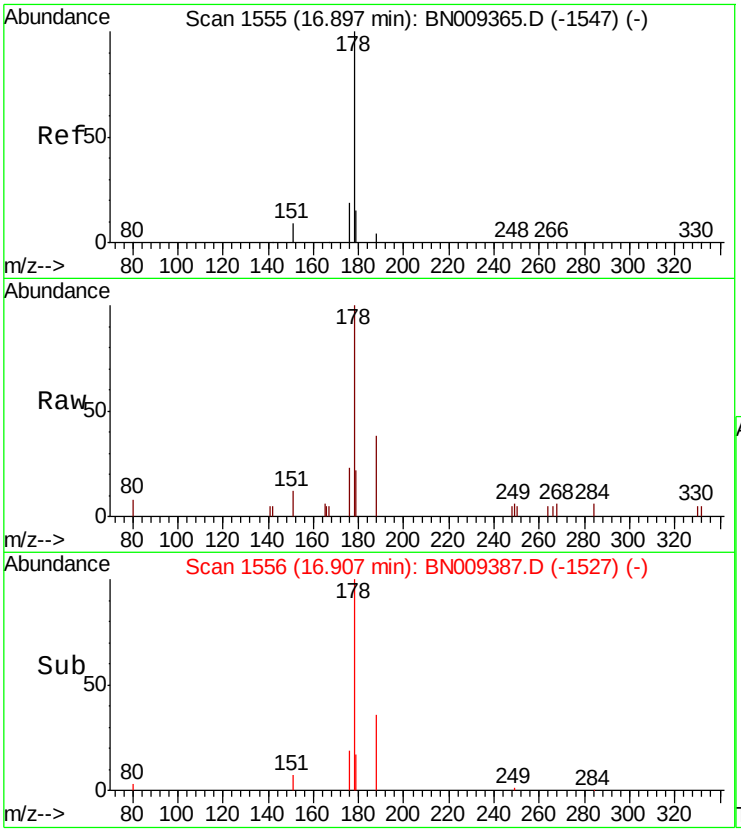


#22
Pentachlorophenol
Concen: 0.217 ng
RT: 16.56 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:266 Resp: 284

Ion	Ratio	Lower	Upper
266	100		
264	70.2	57.8	86.6
268	83.3	63.8	95.6



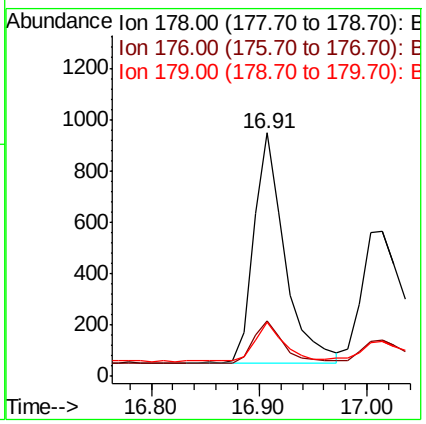


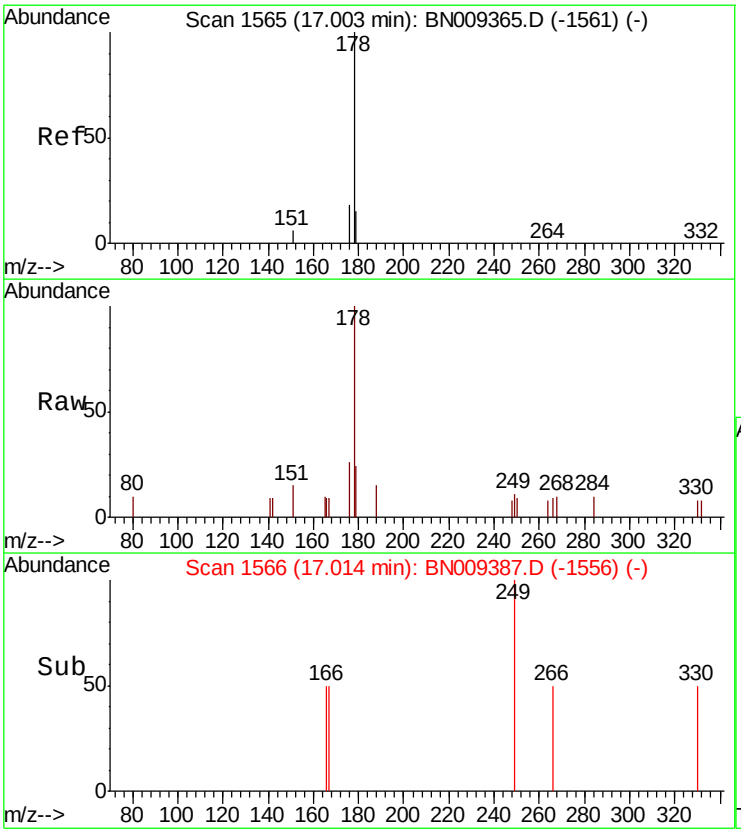
#23
Phenanthrene
Concen: 0.080 ng
RT: 16.91 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1755

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	16.6	12.3	18.5

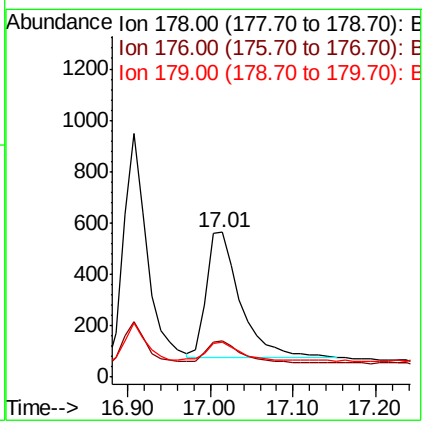


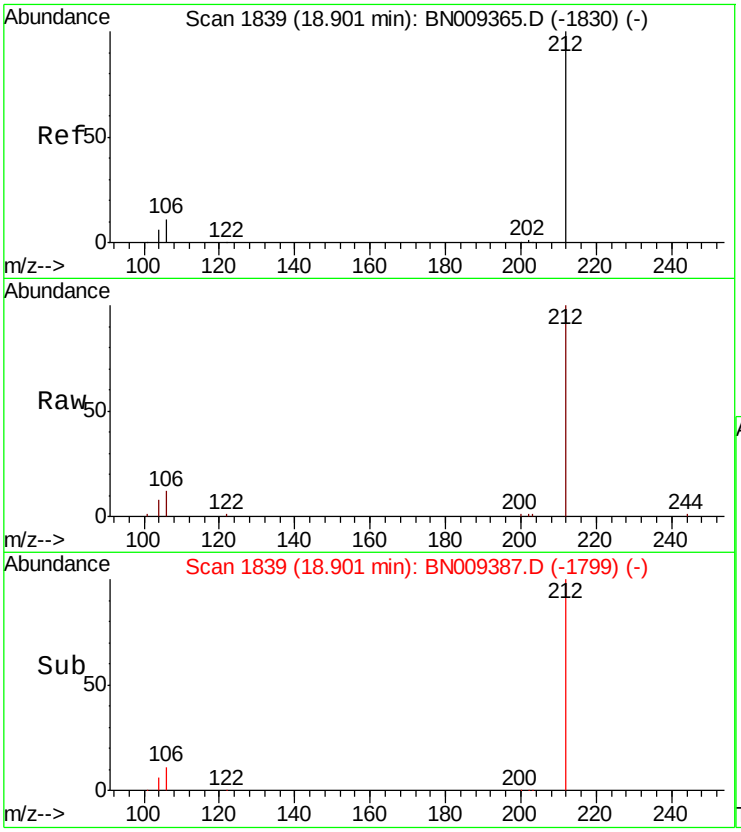


#24
Anthracene
Concen: 0.076 ng
RT: 17.01 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:178 Resp: 1401

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	14.4	12.5	18.7



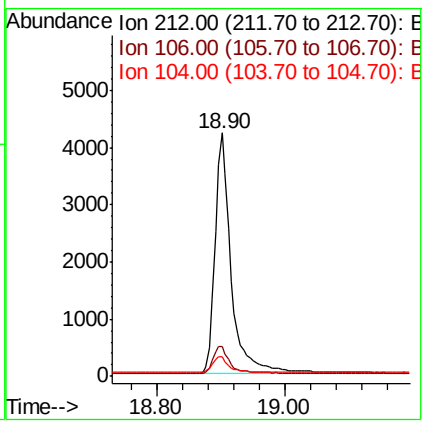


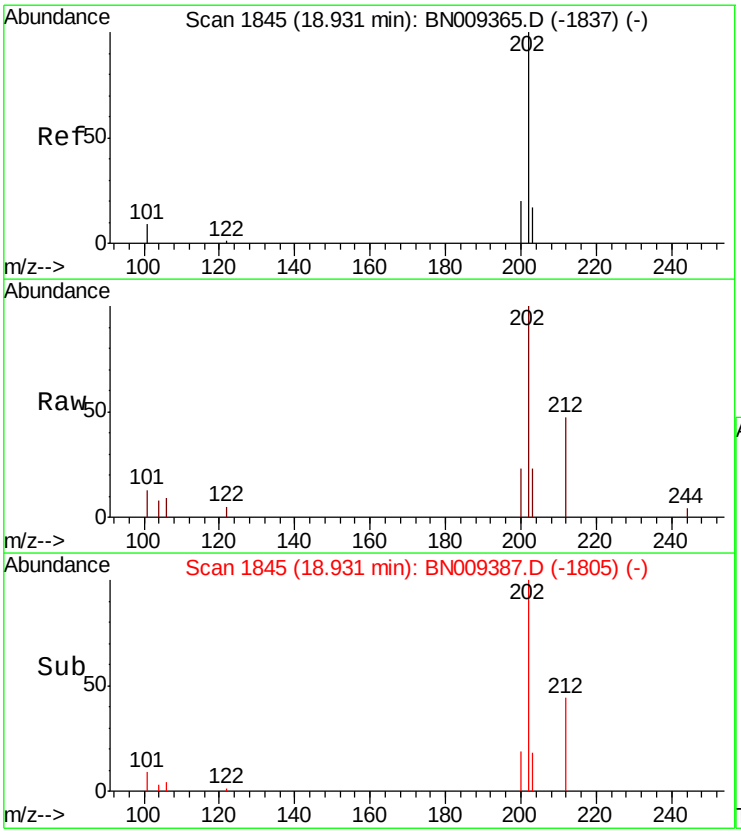
#25
Fluoranthene-d10
Concen: 0.301 ng
RT: 18.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7511

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.2	13.8
104	6.5	5.4	8.0

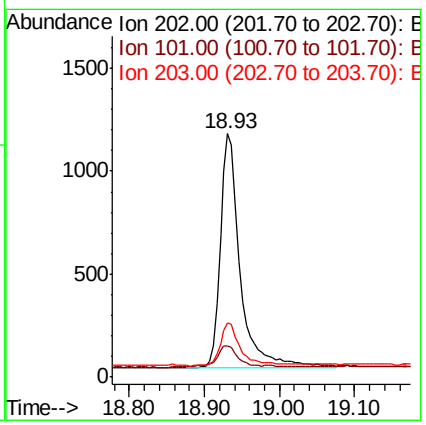


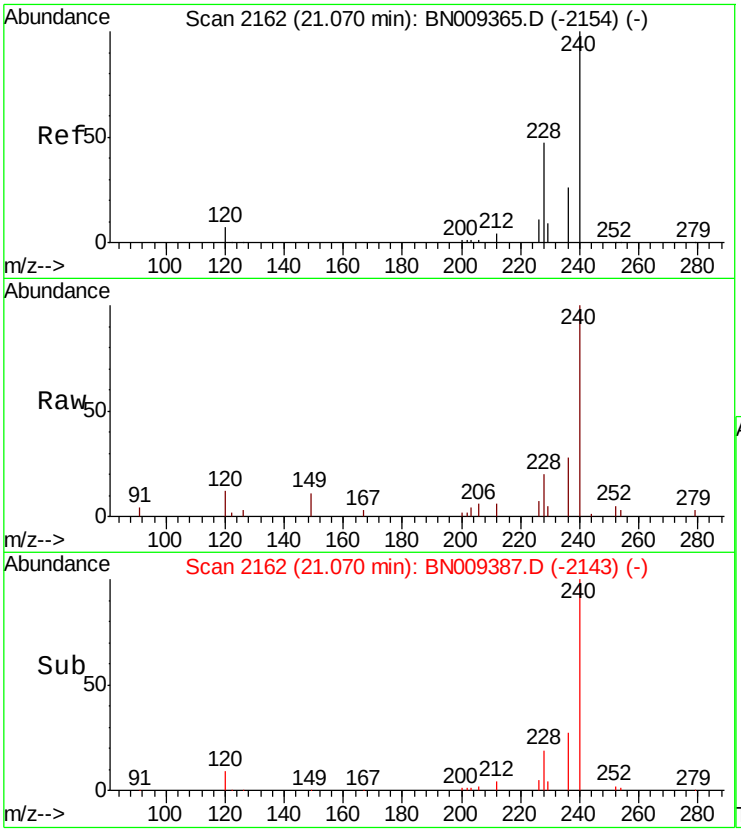


#26
Fluoranthene
Concen: 0.082 ng
RT: 18.93 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:202 Resp: 2099

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.0	12.0
203	19.2	13.5	20.3



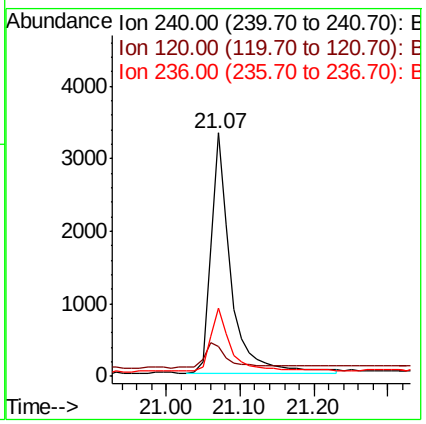


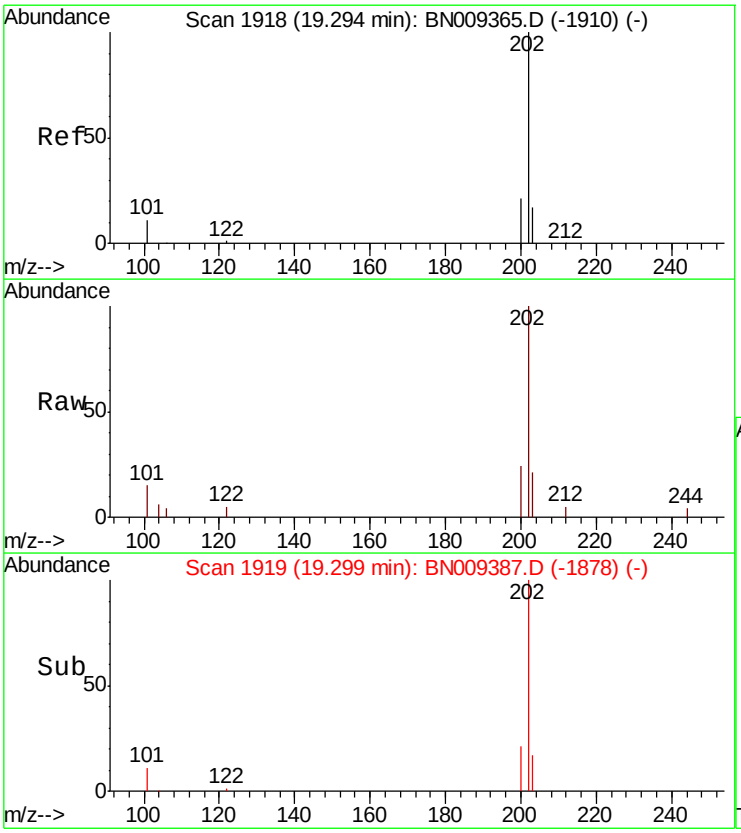
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 6188

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.1	12.1#
236	28.1	22.2	33.4

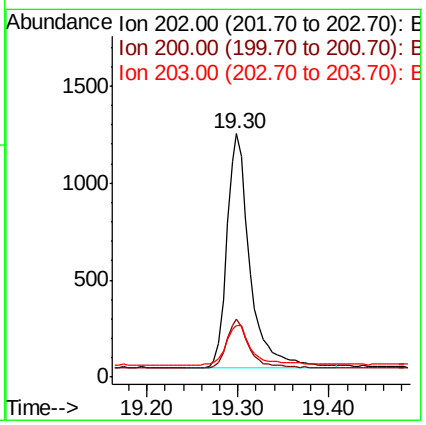


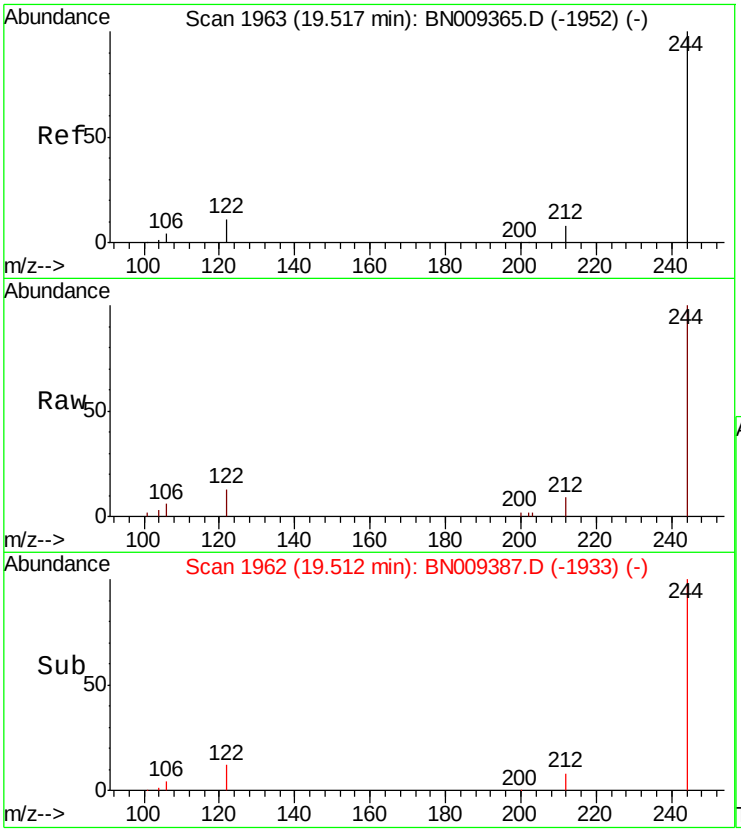


#28
Pyrene
Concen: 0.090 ng
RT: 19.30 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:202 Resp: 2118

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	19.6	14.1	21.1



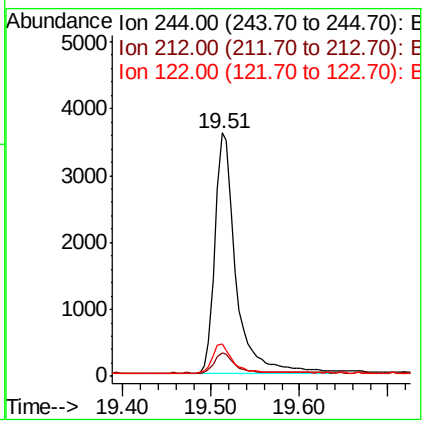


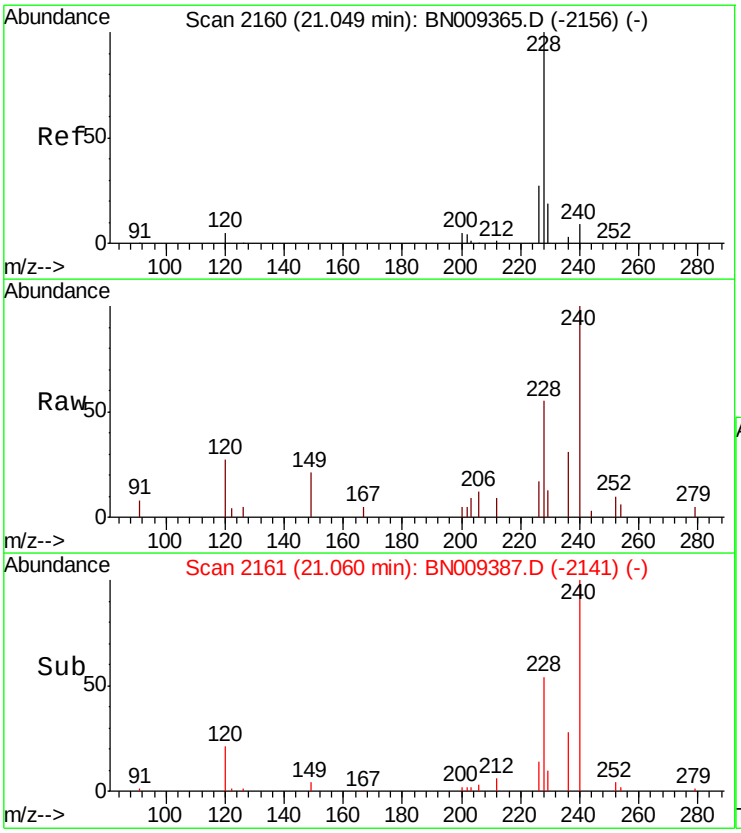
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5920

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.5	11.3
122	13.2	9.8	14.6

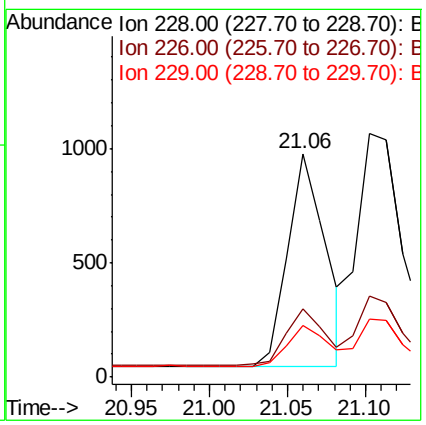


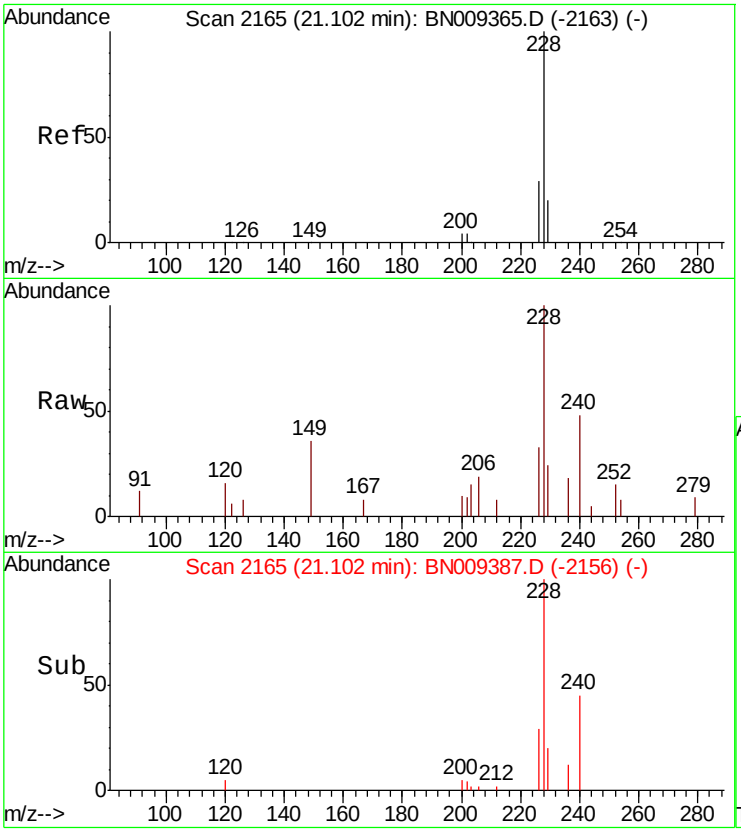


#30
Benzo(a)anthracene
Concen: 0.077 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:228 Resp: 1564

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.5	33.7
229	23.0	16.1	24.1



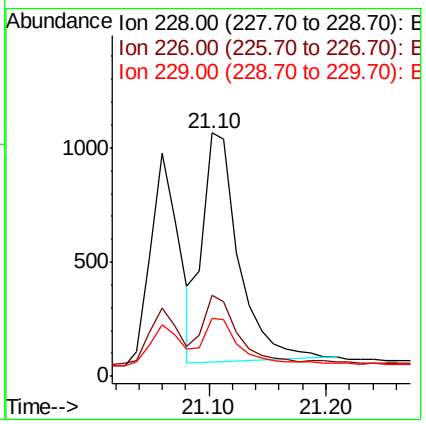


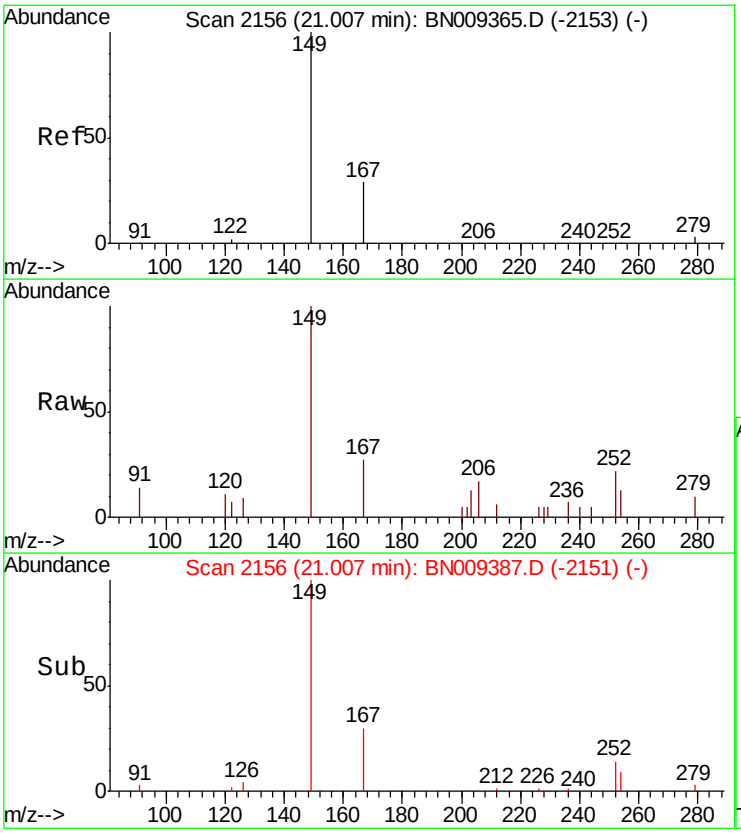
#31
Chrysene
Concen: 0.093 ng
RT: 21.10 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2159

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.8	35.8
229	23.7	16.6	24.8

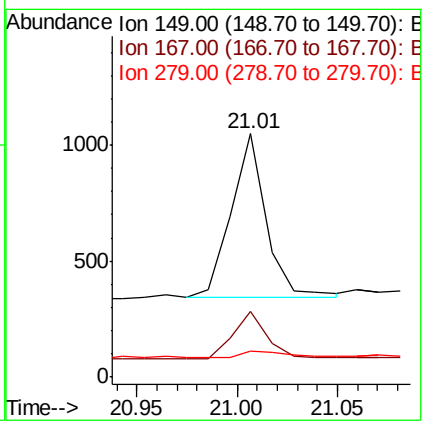


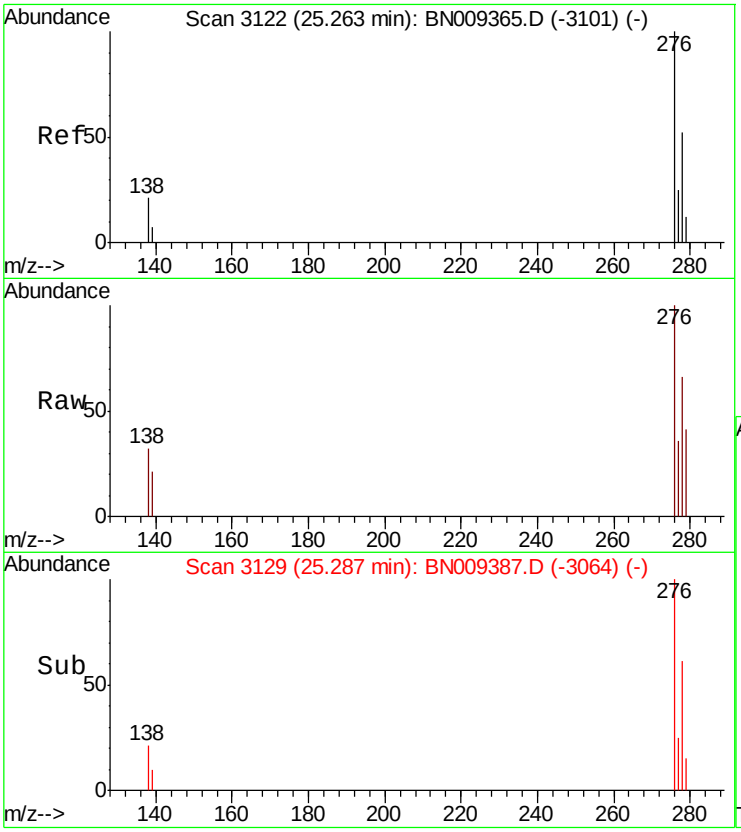


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:149 Resp: 858

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	5.5	3.4	5.0#



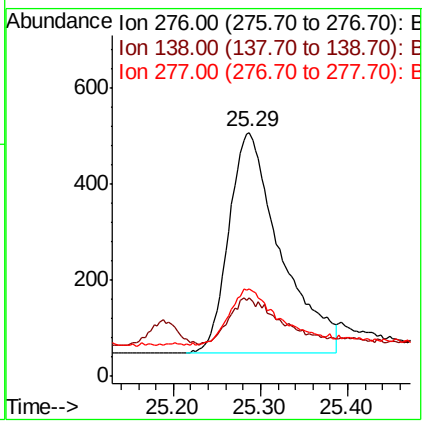


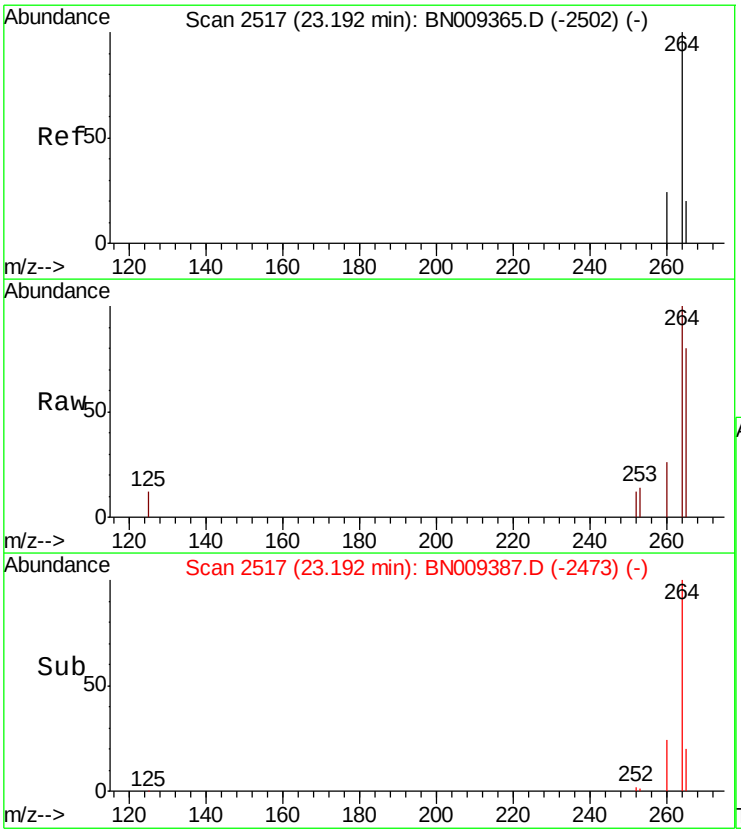
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.078 ng
RT: 25.29 min Scan# 3129
Delta R.T. 0.02 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1887

Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.9	23.9
277	24.6	19.8	29.6

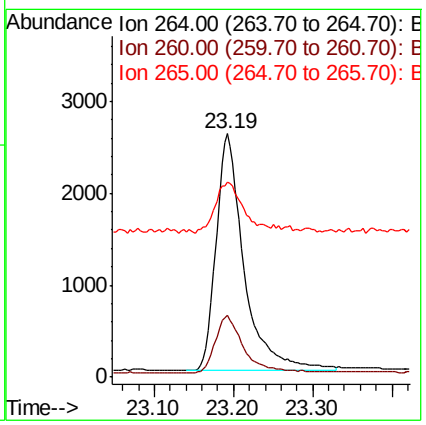


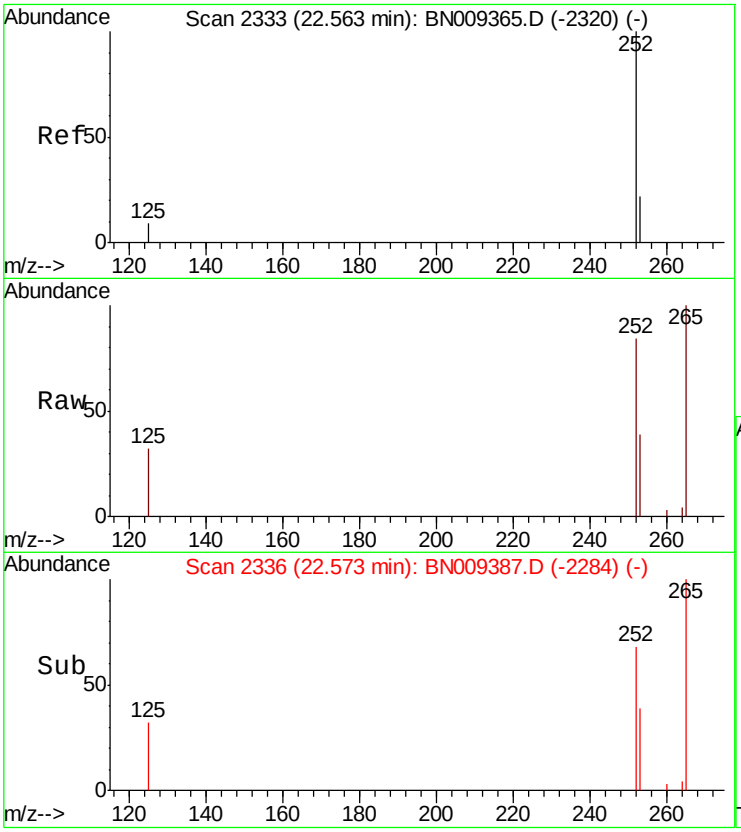


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:264 Resp: 6362

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	80.1	68.2	102.4



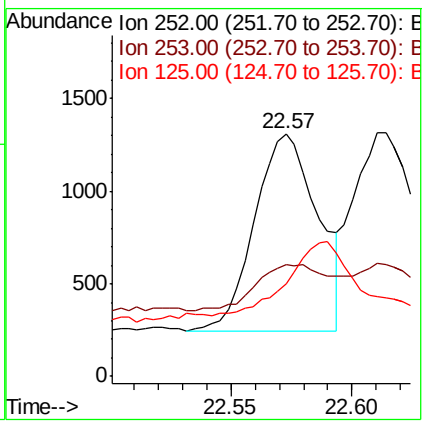


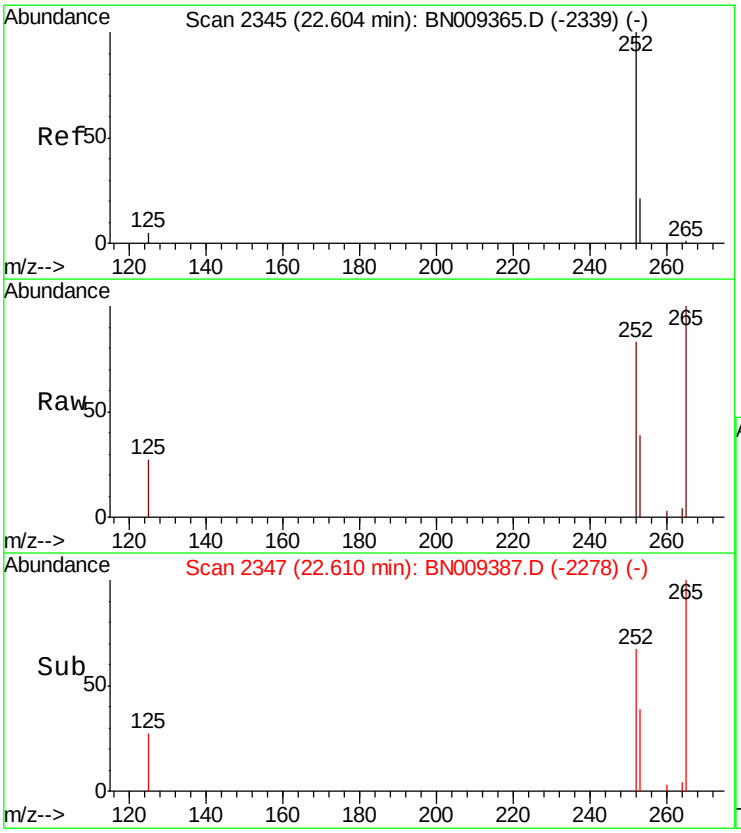
#35
Benzo(b)fluoranthene
Concen: 0.083 ng
RT: 22.57 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1932

Ion	Ratio	Lower	Upper
252	100		
253	46.2	22.4	33.6#
125	38.3	11.6	17.4#

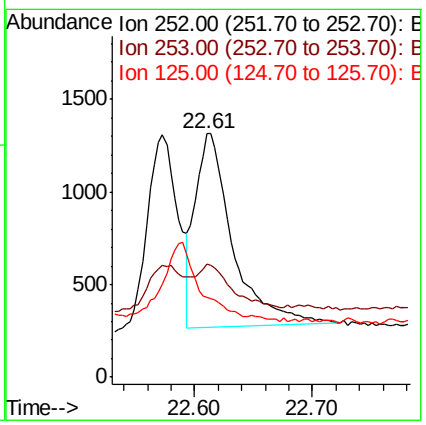


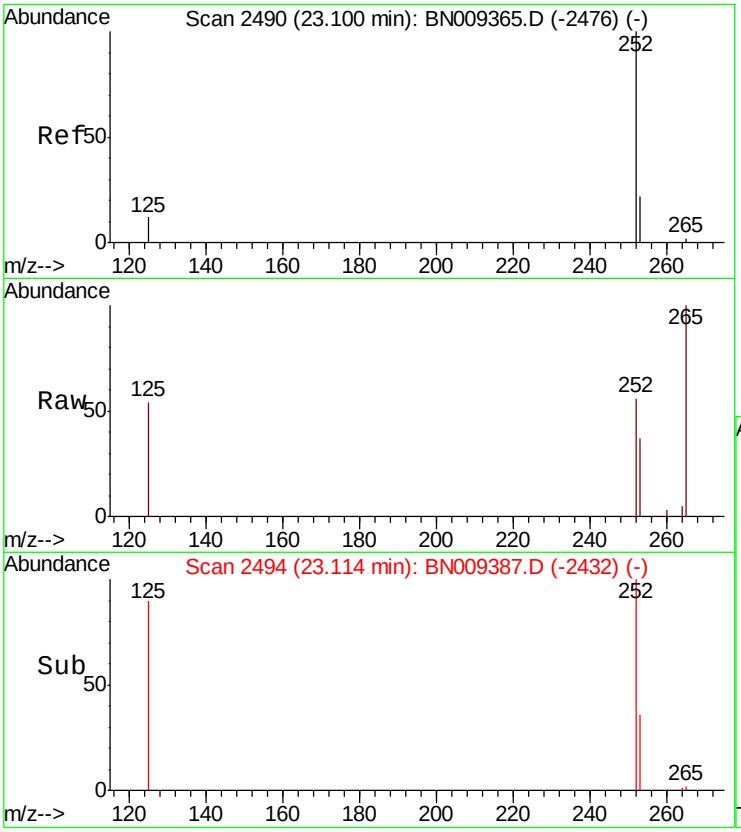


#36
Benzo(k)fluoranthene
Concen: 0.090 ng
RT: 22.61 min Scan# 2347
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:252 Resp: 2323

Ion	Ratio	Lower	Upper
252	100		
253	46.4	21.9	32.9#
125	32.8	12.0	18.0#



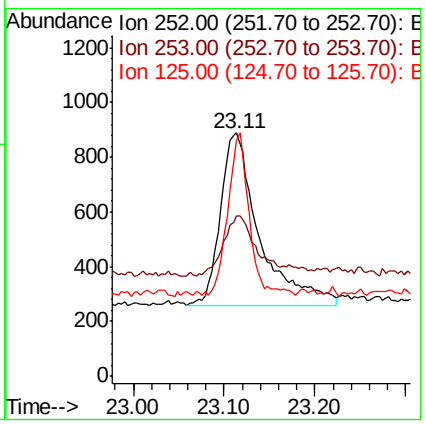


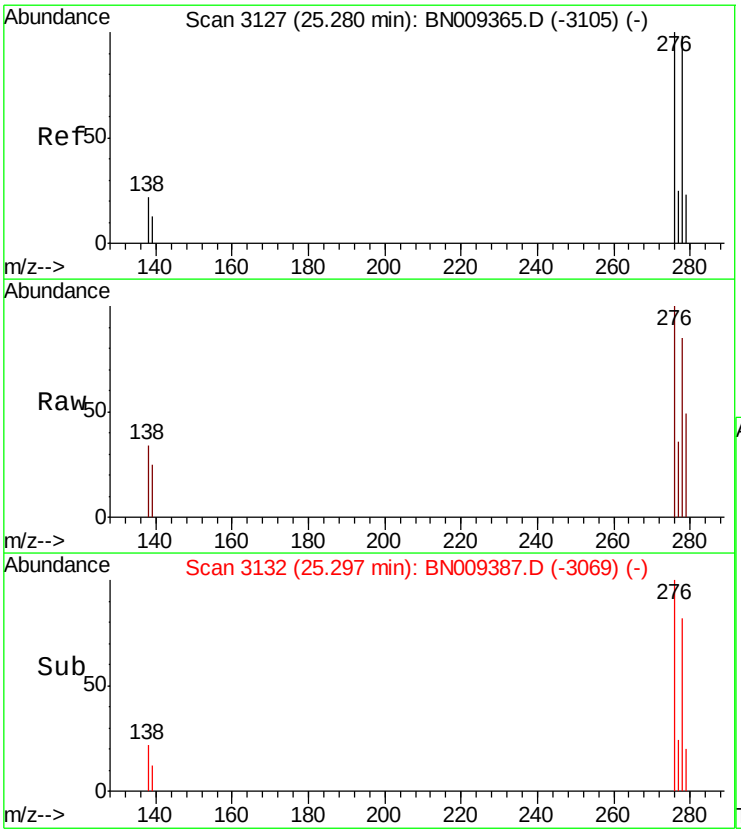
#37
Benzo(a)pyrene
Concen: 0.091 ng
RT: 23.11 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1884

Ion	Ratio	Lower	Upper
252	100		
253	66.1	25.4	38.0#
125	96.7	16.2	24.2#

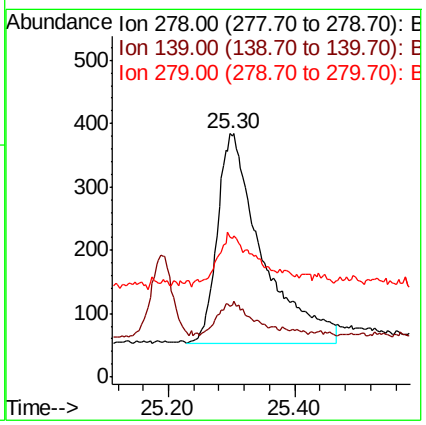


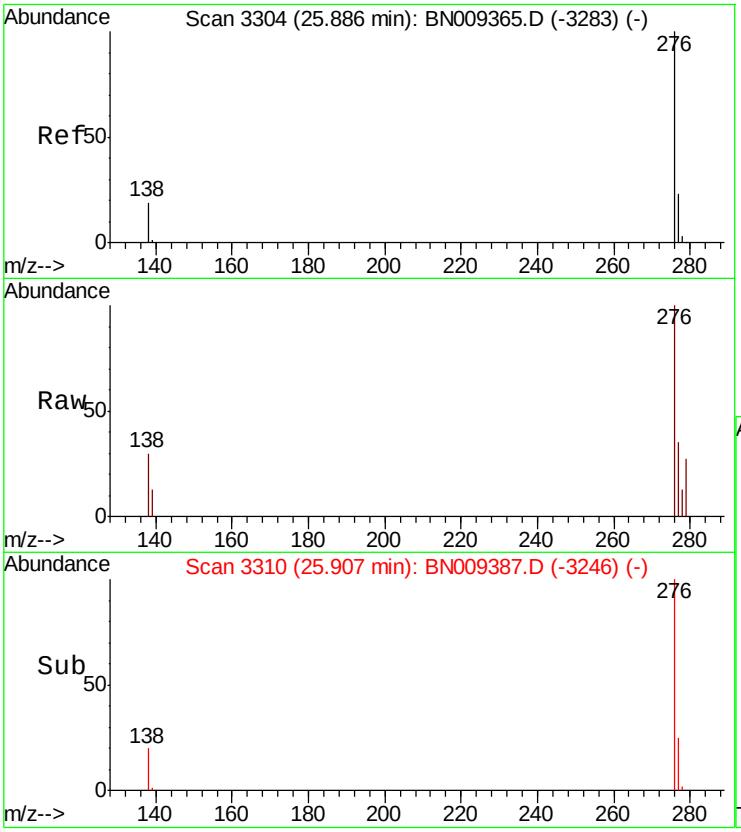


#38
Dibenzo(a,h)anthracene
Concen: 0.079 ng
RT: 25.30 min Scan# 3132
Delta R.T. 0.02 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Tgt Ion:278 Resp: 1634

Ion	Ratio	Lower	Upper
278	100		
139	28.9	14.5	21.7#
279	57.6	24.2	36.4#





#39
Benzo(g,h,i)perylene
Concen: 0.085 ng
RT: 25.91 min Scan# 3310
Delta R.T. 0.02 min
Lab File: BN009387.D
Acq: 16 Jan 2020 16:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1945

Ion	Ratio	Lower	Upper
276	100		
277	34.8	20.6	30.8#
138	30.3	17.1	25.7#