Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
Data File : BN009363.D
Acq On : 13 Jan 2020 14:30
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jan 13 16:26:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 13 16:24:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1295	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4426	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	2847	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	6392	0.40	ng		0.00
27) Chrysene-d12	21.07	240	5575	0.40	ng		0.00
34) Perylene-d12	23.19	264	5561	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.13	112	296	0.09	ng		0.00
5) Phenol-d6	6.70	99	301	0.07	ng		0.02
8) Nitrobenzene-d5	8.66	82	287	0.08	ng		0.03
11) 2-Methylnaphthalene-d10	11.86	152	795	0.11	ng		0.03
14) 2,4,6-Tribromophenol	15.64	330	96	0.07	ng		0.02
15) 2-Fluorobiphenyl	12.75	172	957	0.09	ng		0.03
25) Fluoranthene-d10	18.90	212	2091	0.11	ng		0.00
29) Terphenyl-d14	19.52	244	1311	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	117	0.096	ng		84
3) n-Nitrosodimethylamine	3.52	42	108	0.064	ng	#	23
6) bis(2-Chloroethyl)ether	6.95	93	376	0.088	ng	#	70
9) Naphthalene	10.29	128	1160	0.096	ng	#	81
10) Hexachlorobutadiene	10.57	225	278	0.120	ng	#	97
12) 2-Methylnaphthalene	11.93	142	806	0.090	ng	#	94
16) Acenaphthylene	13.83	152	1107	0.085	ng		99
17) Acenaphthene	14.17	154	846	0.098	ng		99
18) Fluorene	15.18	166	1113	0.096	ng		99
20) 4-Bromophenyl-phenylether	16.07	248	355	0.093	ng	#	88
21) Hexachlorobenzene	16.18	284	415	0.095	ng		99
22) Pentachlorophenol	16.59	266	81	0.052	ng		87
23) Phenanthrene	16.91	178	1824	0.091	ng		98
24) Anthracene	17.02	178	1380	0.078	ng		100
26) Fluoranthene	18.94	202	2115	0.088	ng		99
28) Pyrene	19.30	202	2202	0.113	ng		99
30) Benzo(a)anthracene	21.06	228	1594	0.081	ng		93
31) Chrysene	21.11	228	2226	0.109	ng		96
32) Bis(2-ethylhexyl)phthalate	21.00	149	849	0.092	ng		98
33) Indeno(1,2,3-cd)pyrene	25.28	276	2031	0.094	ng		96
35) Benzo(b)fluoranthene	22.57	252	1860	0.093	ng	#	66
36) Benzo(k)fluoranthene	22.61	252	2257	0.113	ng	#	62
37) Benzo(a)pyrene	23.11	252	1623	0.091	ng	#	47
38) Dibenzo(a,h)anthracene	25.30	278	1569	0.094	ng	#	61
39) Benzo(g,h,i)perylene	25.90	276	1880	0.114	ng	#	84

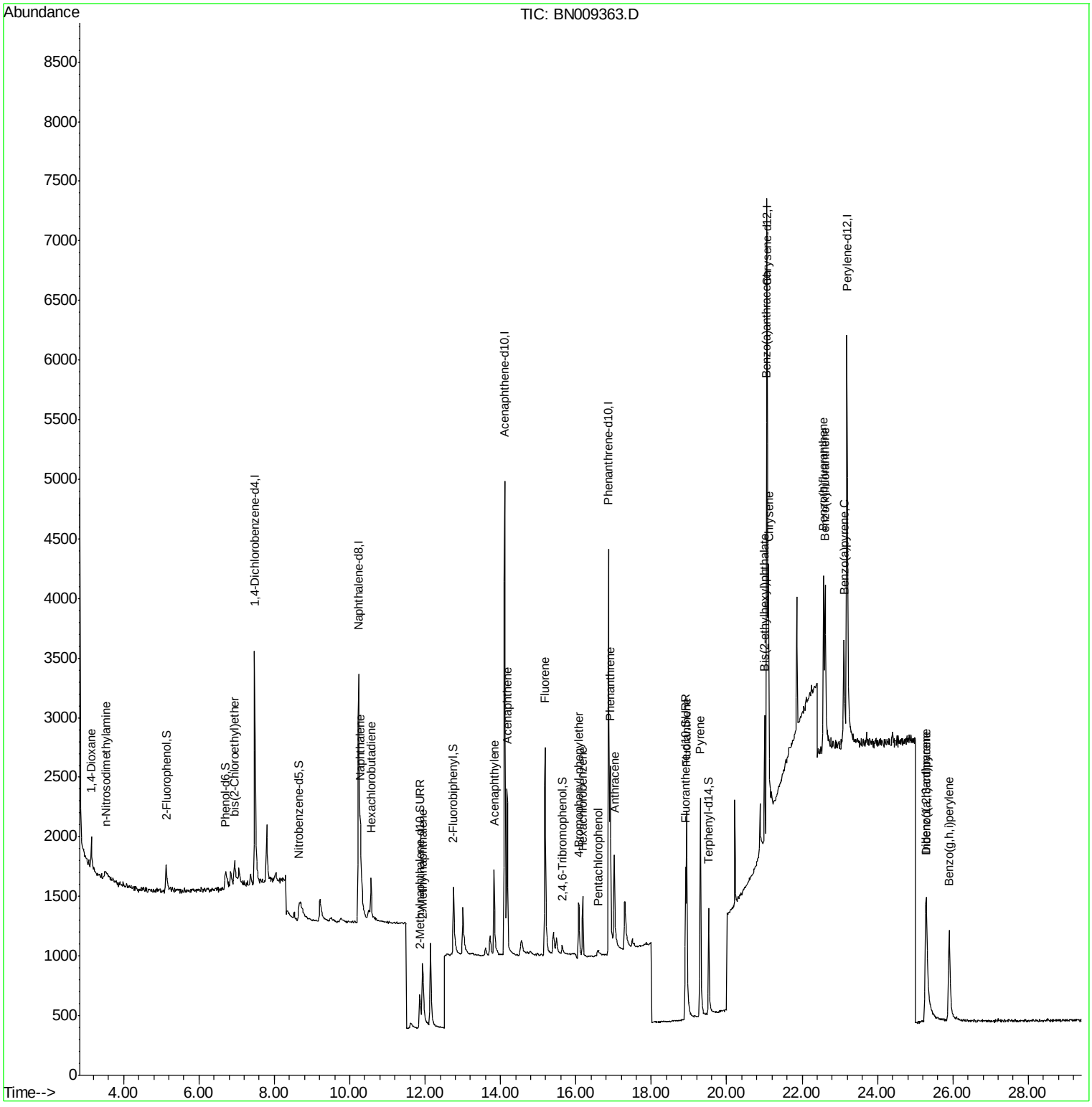
(#) = qualifier out of range (m) = manual integration (+) = signals summed

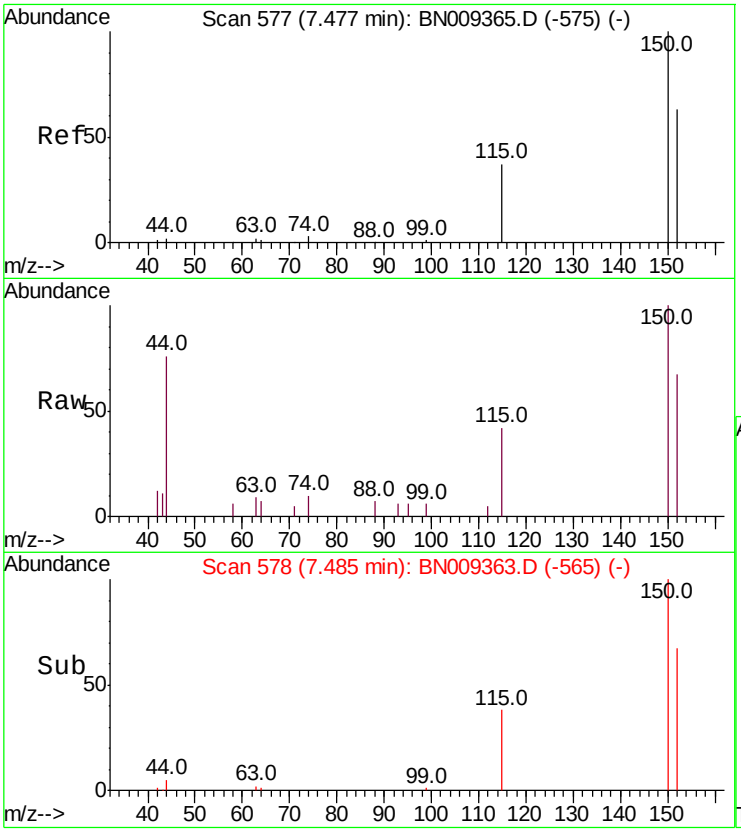
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
Data File : BN009363.D
Acq On : 13 Jan 2020 14:30
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jan 13 16:26:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 13 16:24:14 2020
Response via : Initial Calibration



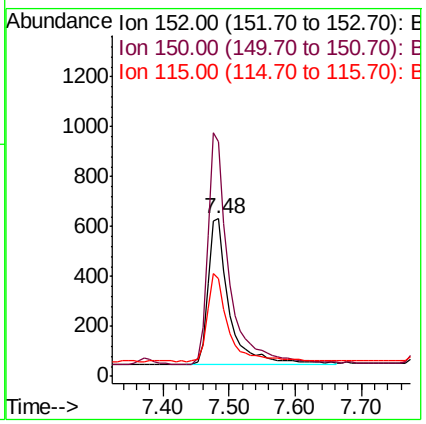


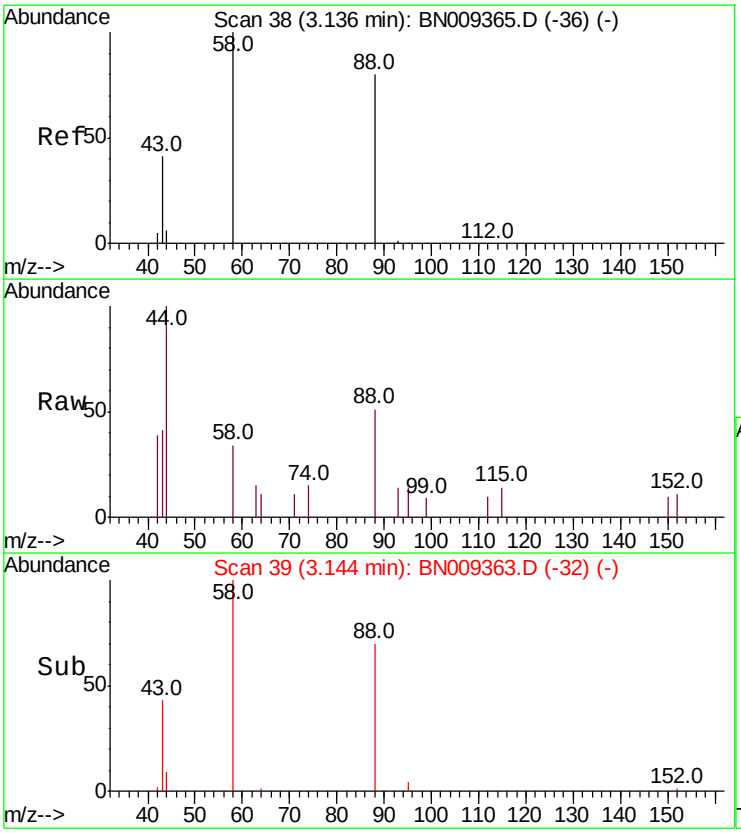
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 578
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1295

Ion	Ratio	Lower	Upper
152	100		
150	148.6	125.7	188.5
115	61.9	53.3	79.9

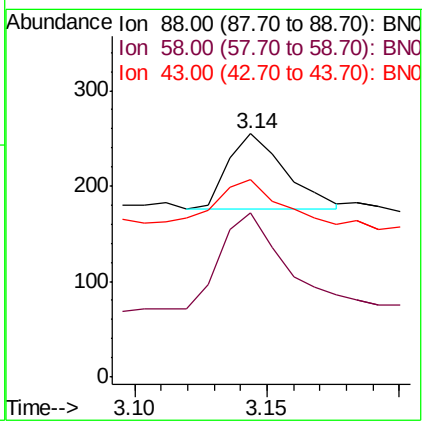


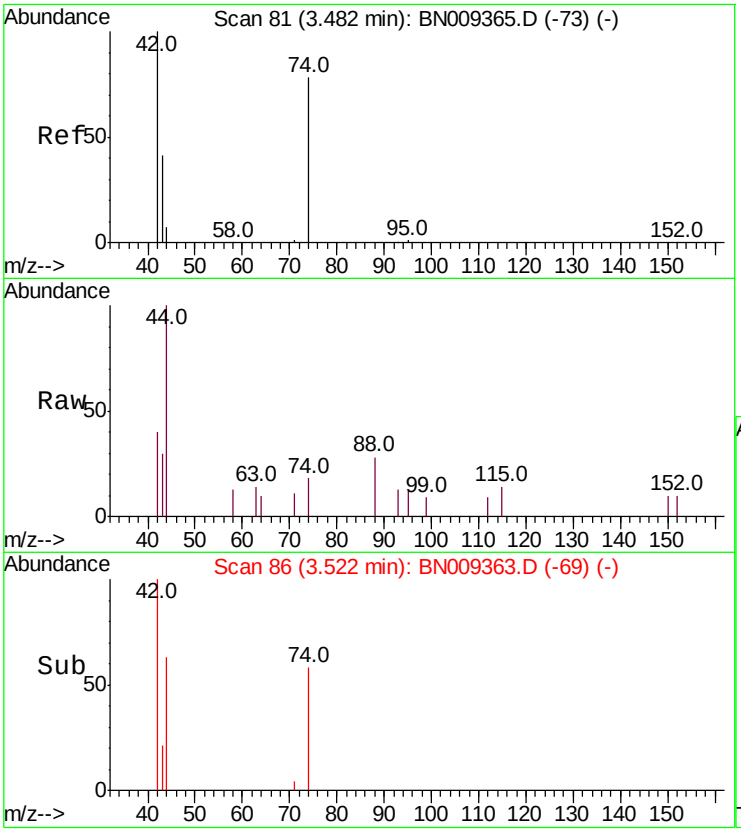


#2
1,4-Dioxane
Concen: 0.096 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion: 88 Resp: 117

Ion	Ratio	Lower	Upper
88	100		
58	143.6	100.2	150.2
43	64.1	43.1	64.7



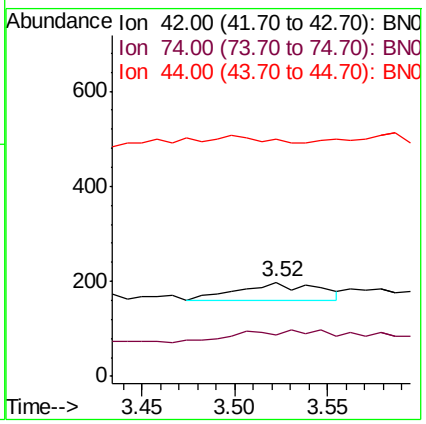


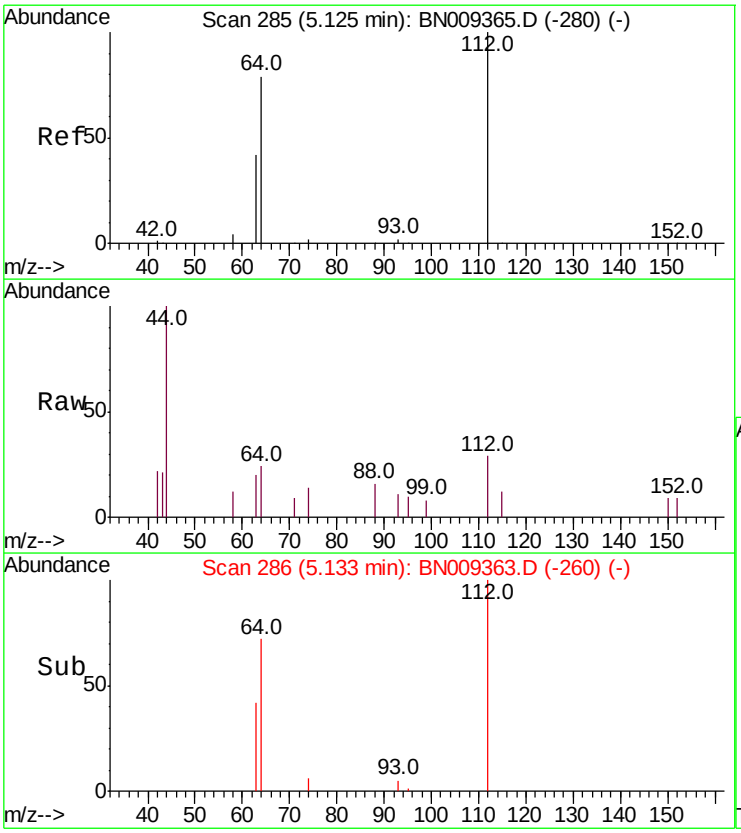
#3
n-Nitrosodimethylamine
Concen: 0.064 ng
RT: 3.52 min Scan# 86
Delta R.T. 0.04 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 108

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

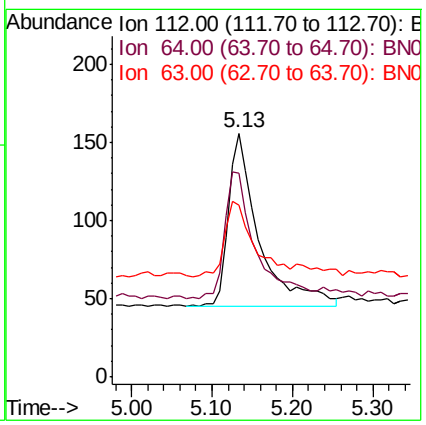


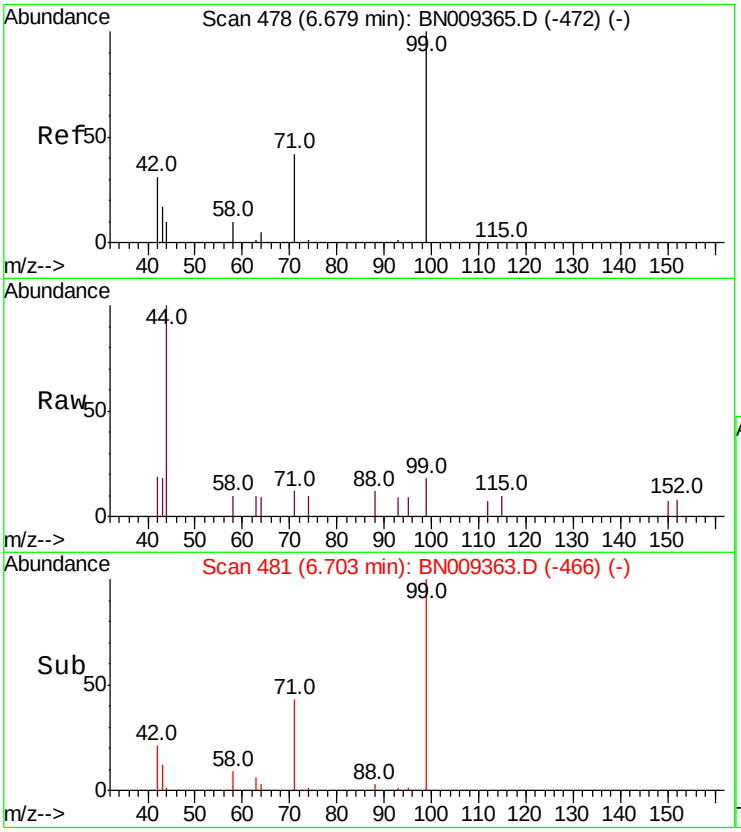


#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.13 min Scan# 286
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:112 Resp: 296

Ion	Ratio	Lower	Upper
112	100		
64	73.6	61.5	92.3
63	41.2	35.0	52.4



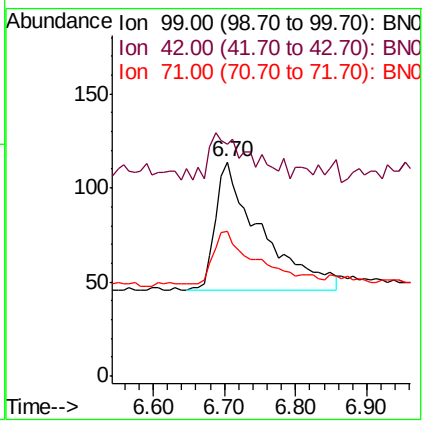


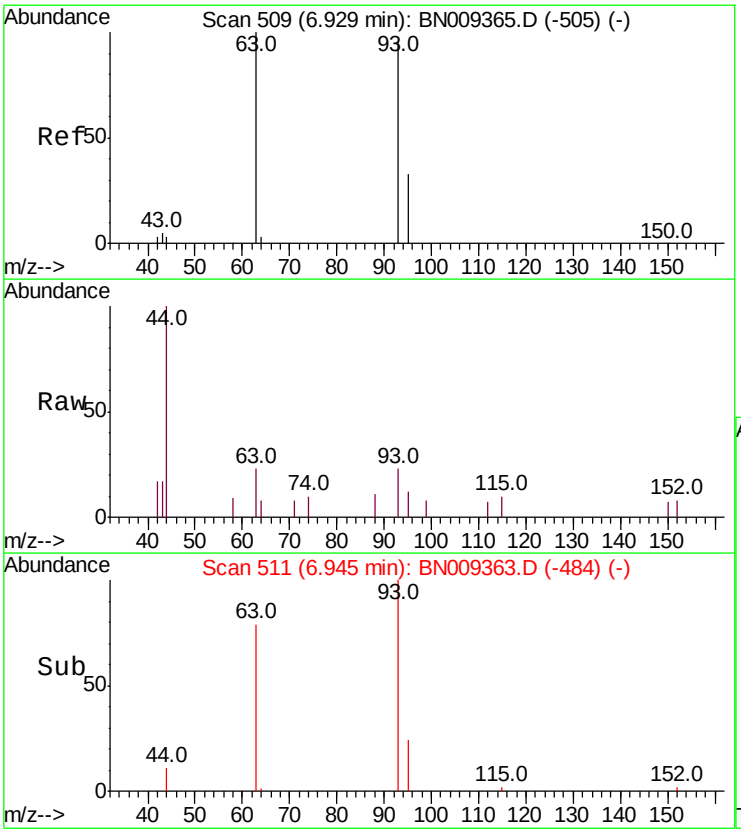
#5
Phenol-d6
Concen: 0.066 ng
RT: 6.70 min Scan# 481
Delta R.T. 0.02 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 301

Ion	Ratio	Lower	Upper
99	100		
42	31.6	27.6	41.4
71	35.9	33.0	49.6

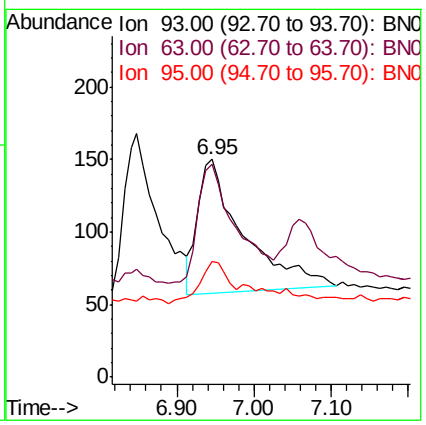


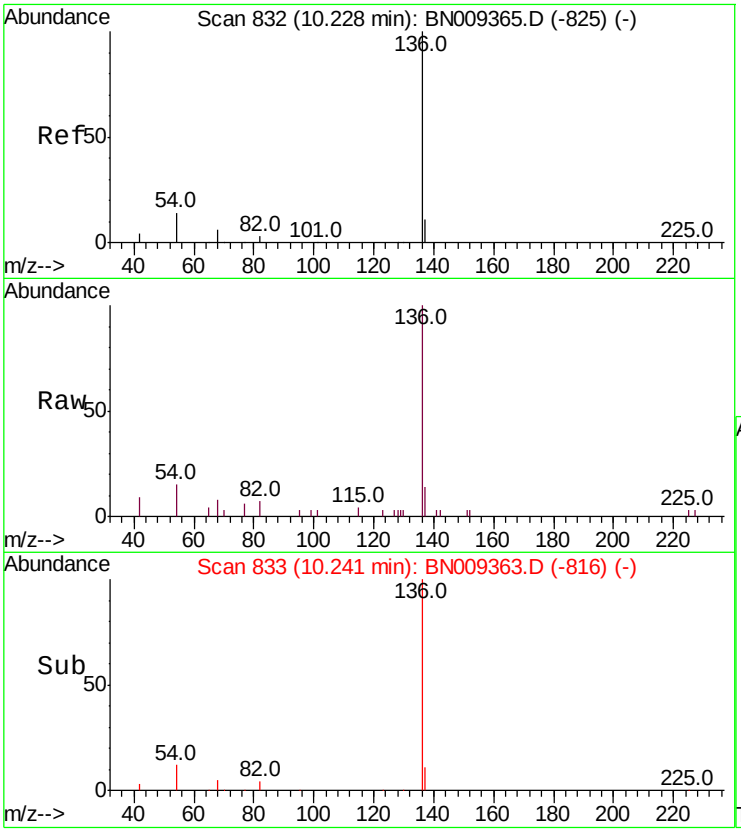


#6
bis(2-Chloroethyl)ether
Concen: 0.088 ng
RT: 6.95 min Scan# 511
Delta R.T. 0.02 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion: 93 Resp: 376

Ion	Ratio	Lower	Upper
93	100		
63	75.5	85.1	127.7#
95	19.7	30.2	45.4#



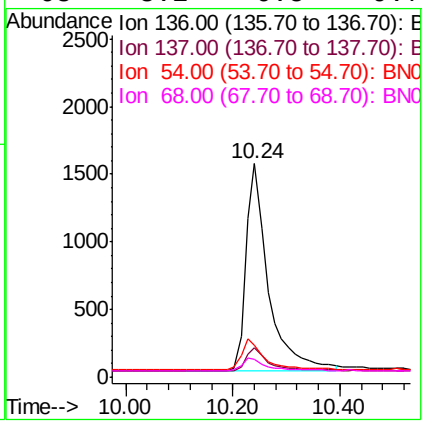


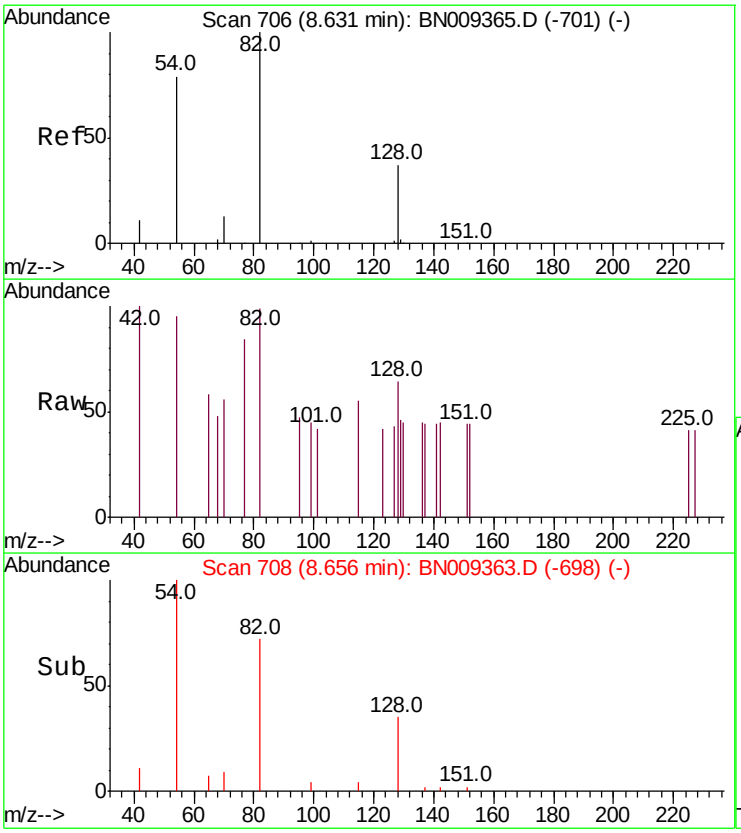
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 4426

Ion	Ratio	Lower	Upper
136	100		
137	13.7	10.3	15.5
54	15.3	12.6	19.0
68	8.2	6.5	9.7

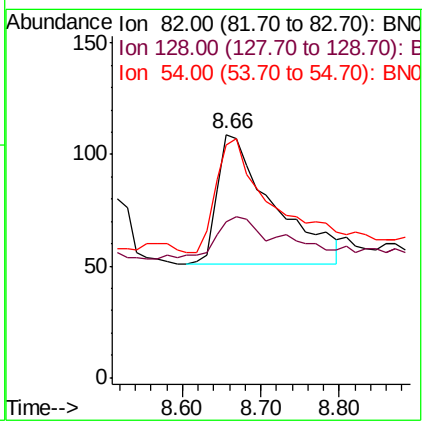


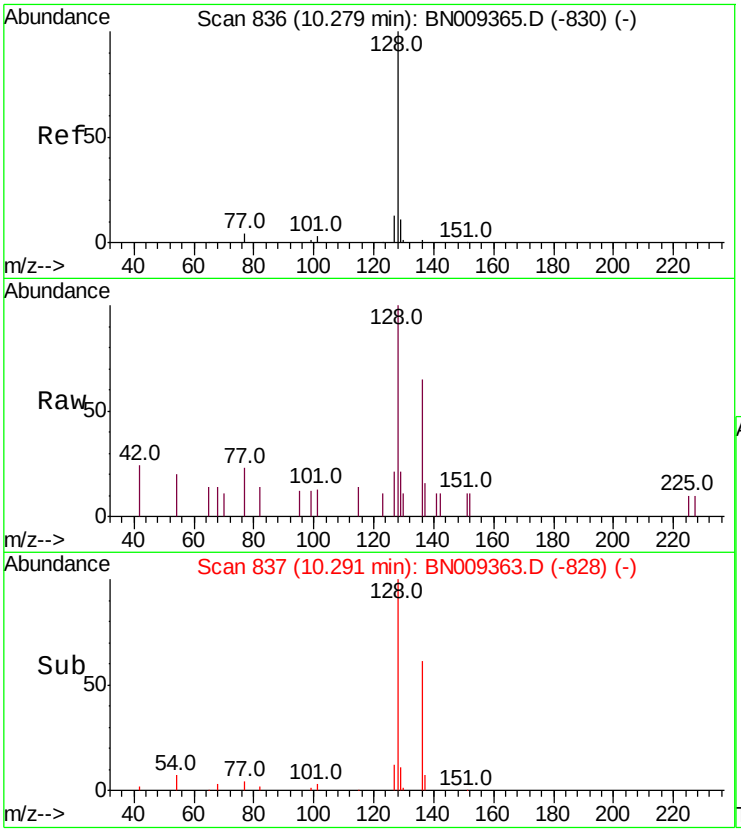


#8
Nitrobenzene-d5
Concen: 0.076 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.03 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion: 82 Resp: 287

Ion	Ratio	Lower	Upper
82	100		
128	64.2	34.8	52.2#
54	95.4	65.8	98.6



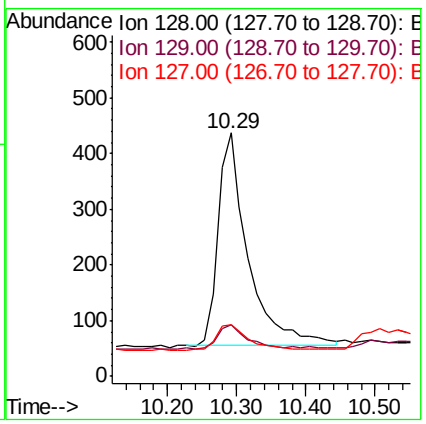


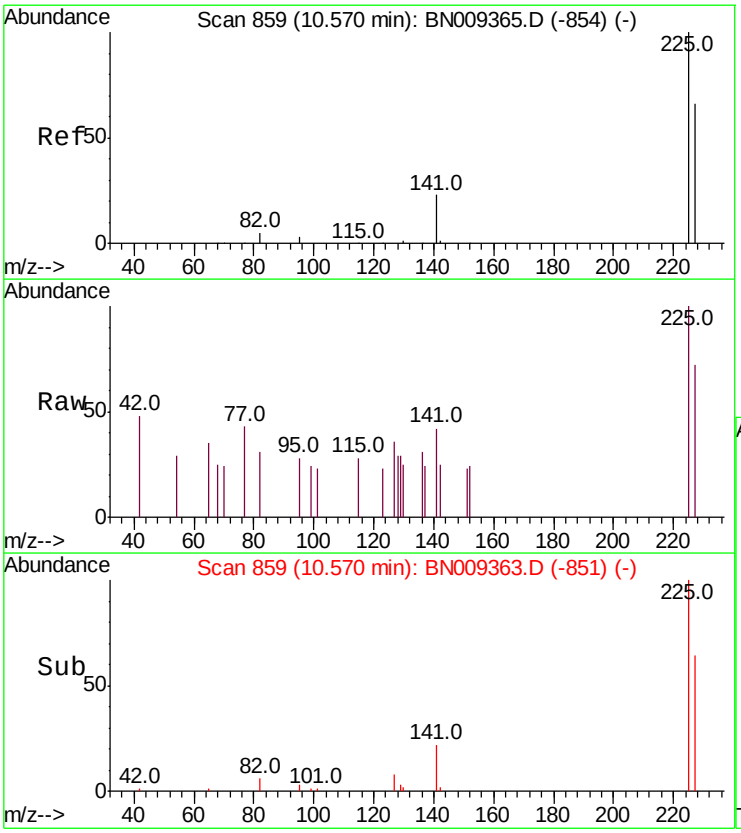
#9
Naphthalene
Concen: 0.096 ng
RT: 10.29 min Scan# 837
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1160

Ion	Ratio	Lower	Upper
128	100		
129	21.3	10.4	15.6#
127	21.3	11.4	17.2#

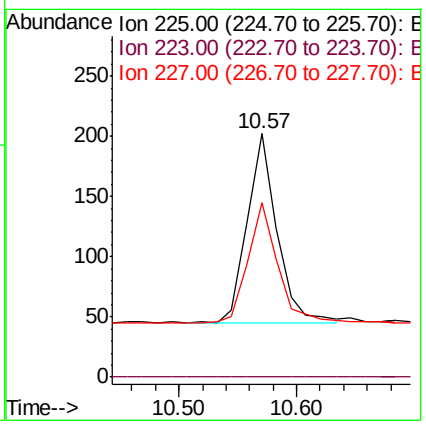


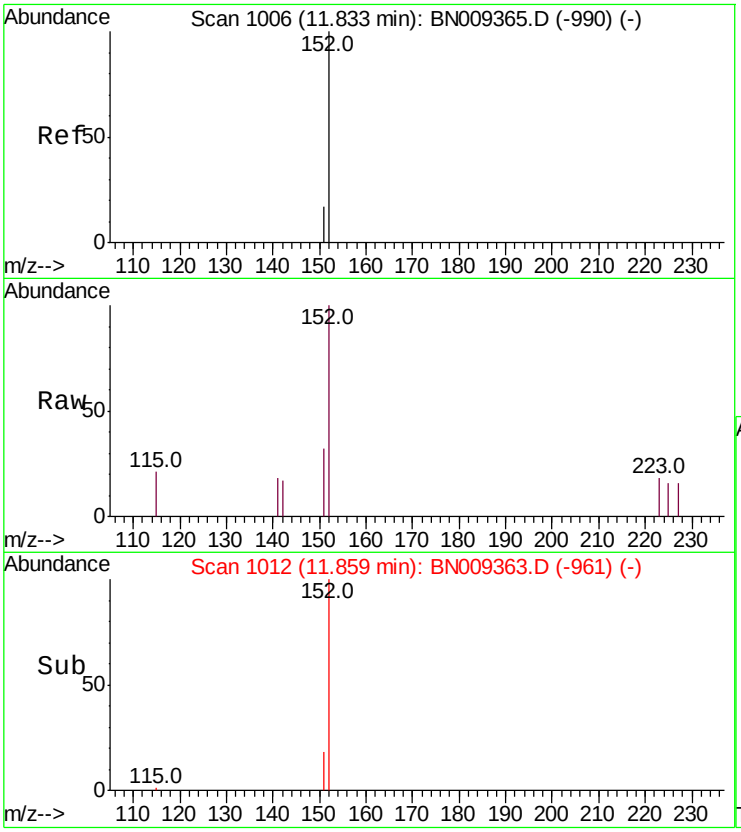


#10
Hexachlorobutadiene
Concen: 0.120 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:225 Resp: 278

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	52.6	78.8



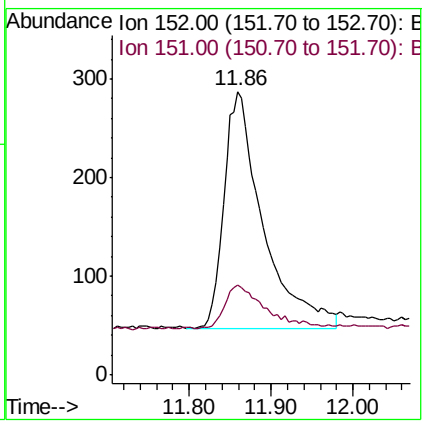


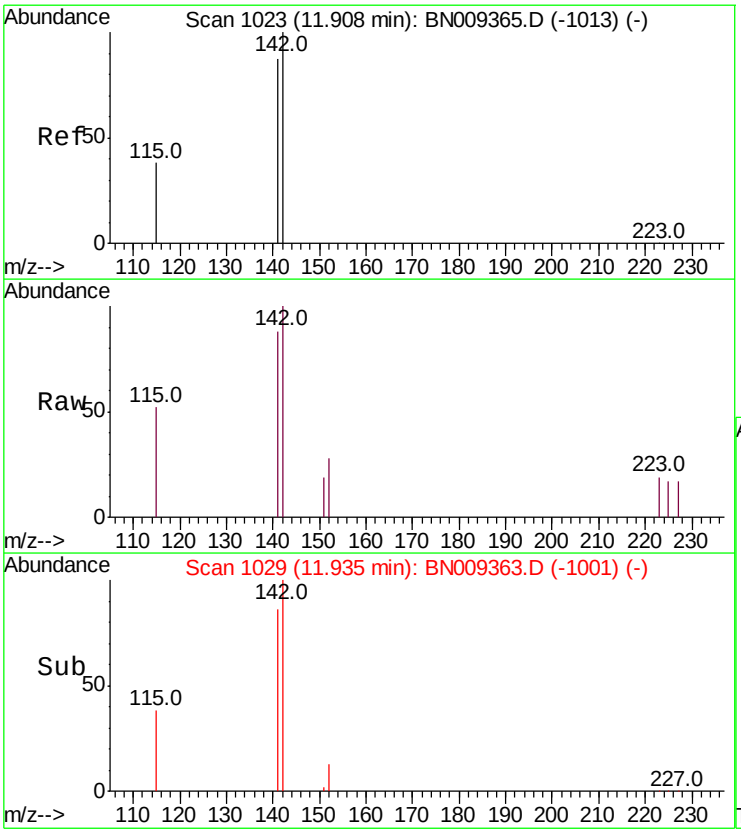
#11
2-Methylnaphthalene-d10
Concen: 0.105 ng
RT: 11.86 min Scan# 1012
Delta R.T. 0.03 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 795

Ion	Ratio	Lower	Upper
152	100		
151	18.0	14.8	22.2

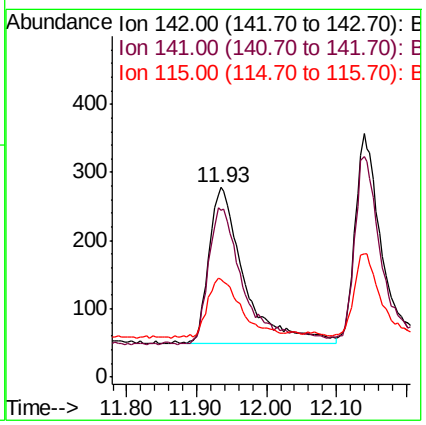


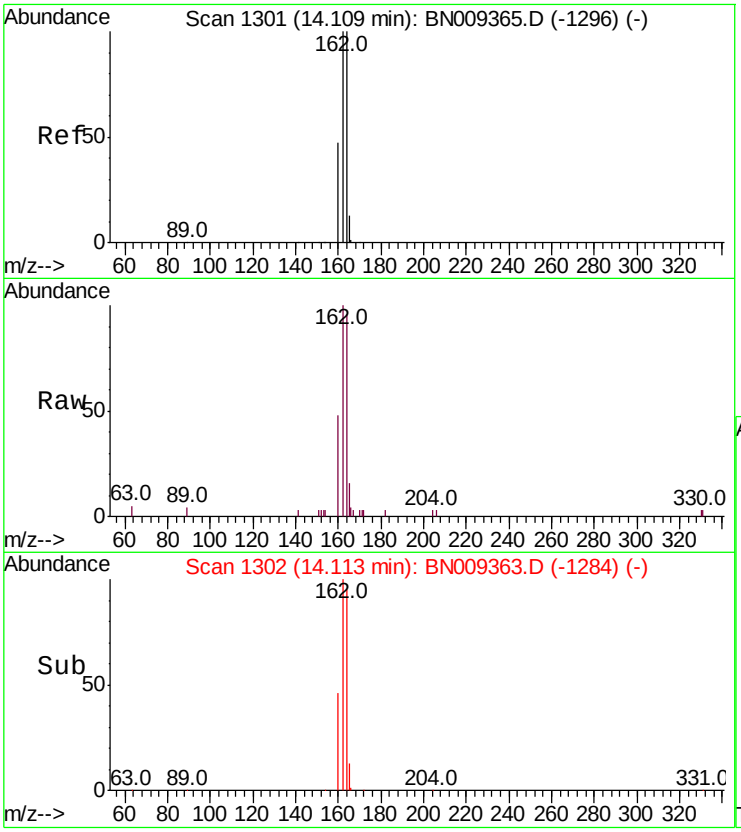


#12
2-Methylnaphthalene
Concen: 0.090 ng
RT: 11.93 min Scan# 1029
Delta R.T. 0.03 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:142 Resp: 806

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.8	104.6
115	51.8	32.5	48.7#



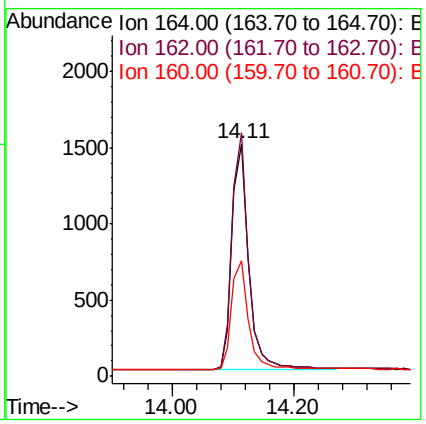


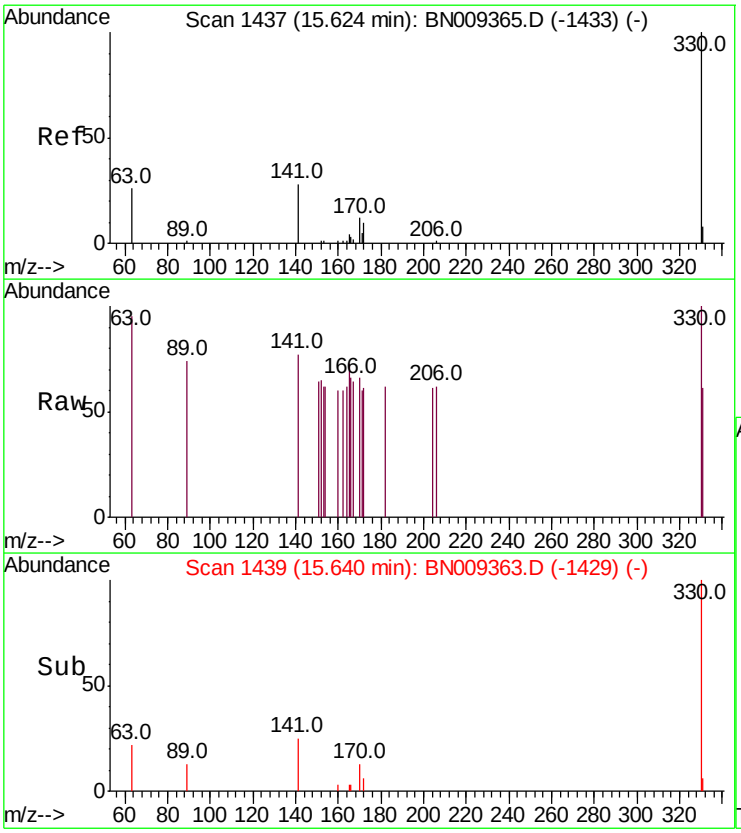
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 2847

Ion	Ratio	Lower	Upper
164	100		
162	104.7	79.8	119.6
160	49.8	38.4	57.6

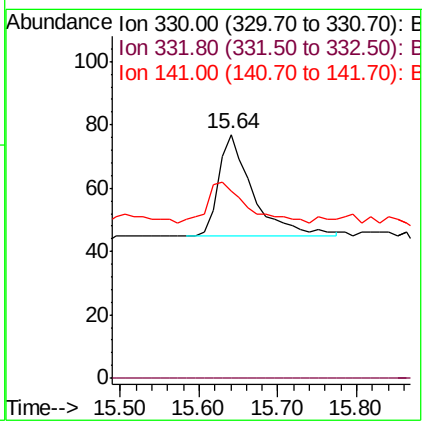


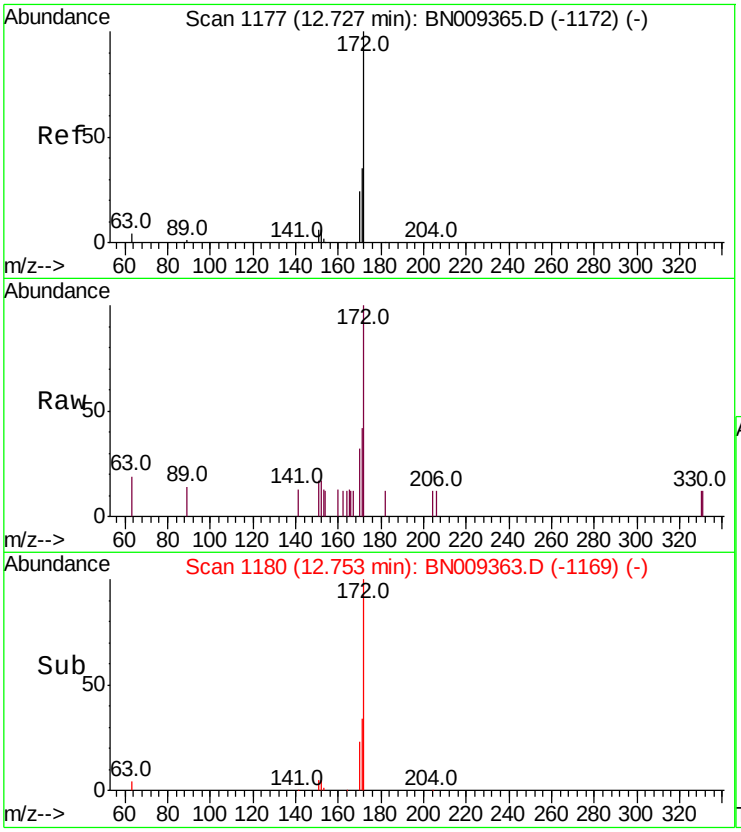


#14
2,4,6-Tribromophenol
Concen: 0.070 ng
RT: 15.64 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:330 Resp: 96

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.8	33.1	49.7



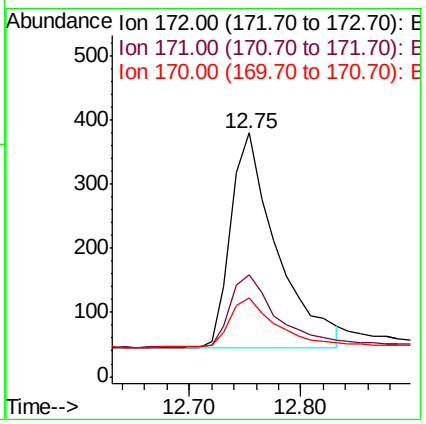


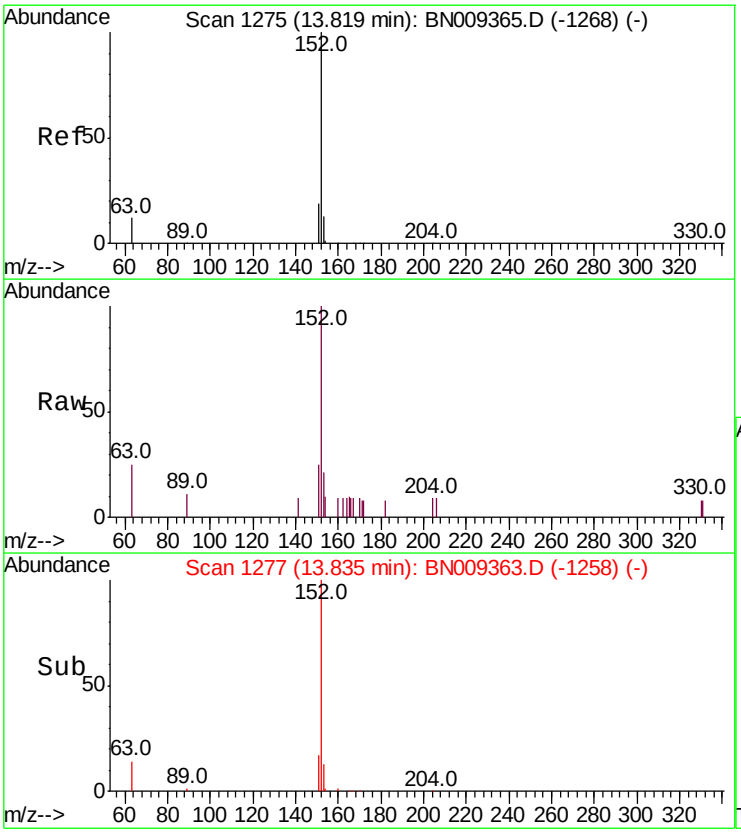
#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 12.75 min Scan# 1180
Delta R.T. 0.03 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 957

Ion	Ratio	Lower	Upper
172	100		
171	41.6	29.5	44.3
170	32.1	20.7	31.1#

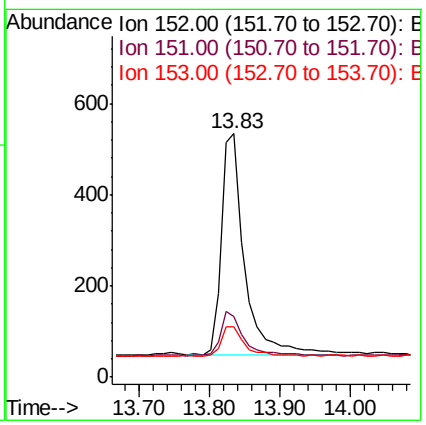


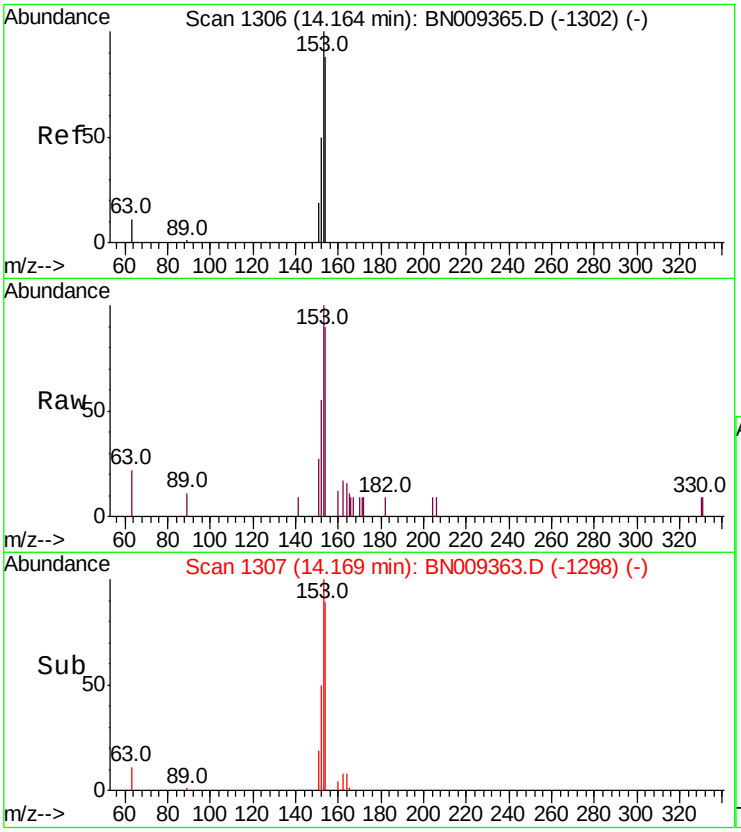


#16
Acenaphthylene
Concen: 0.085 ng
RT: 13.83 min Scan# 1277
Delta R.T. 0.02 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:152 Resp: 1107

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.2
153	13.3	10.4	15.6



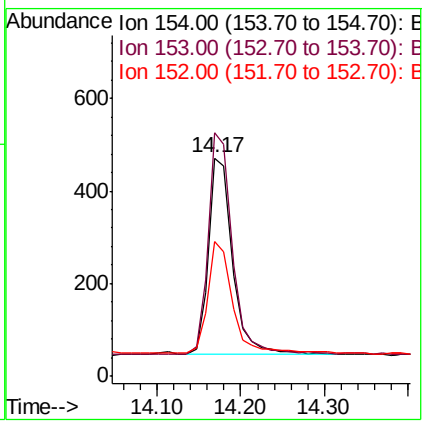


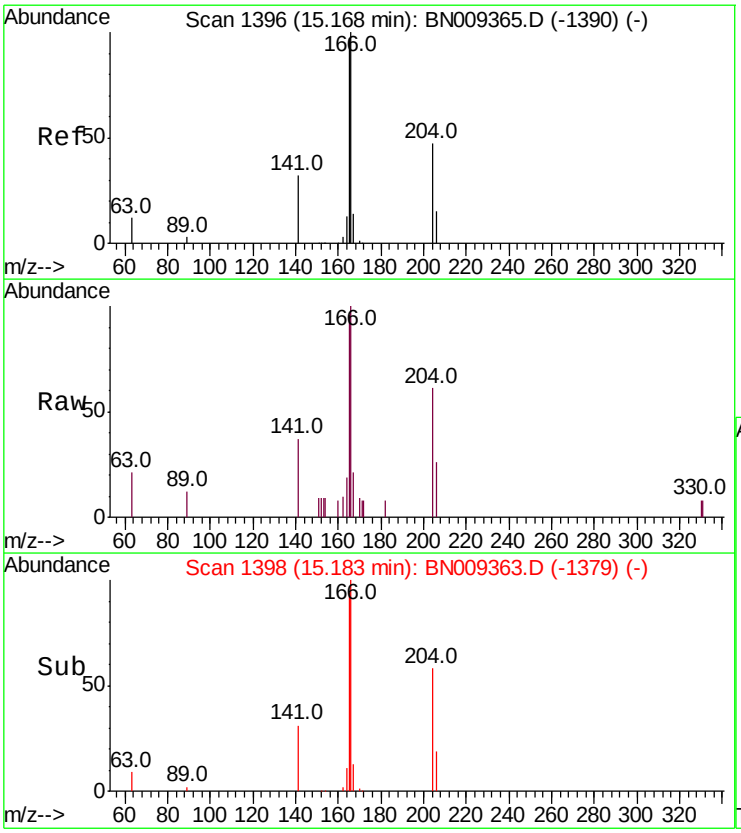
#17
Acenaphthene
Concen: 0.098 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 846

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.5	135.7
152	57.9	45.3	67.9

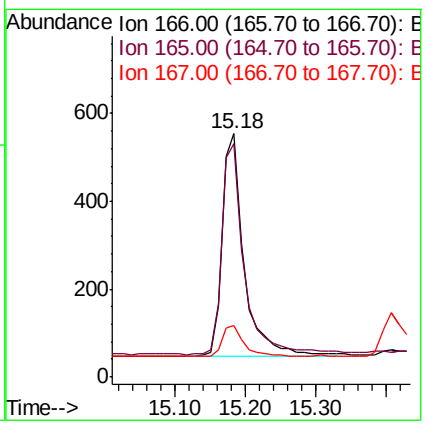


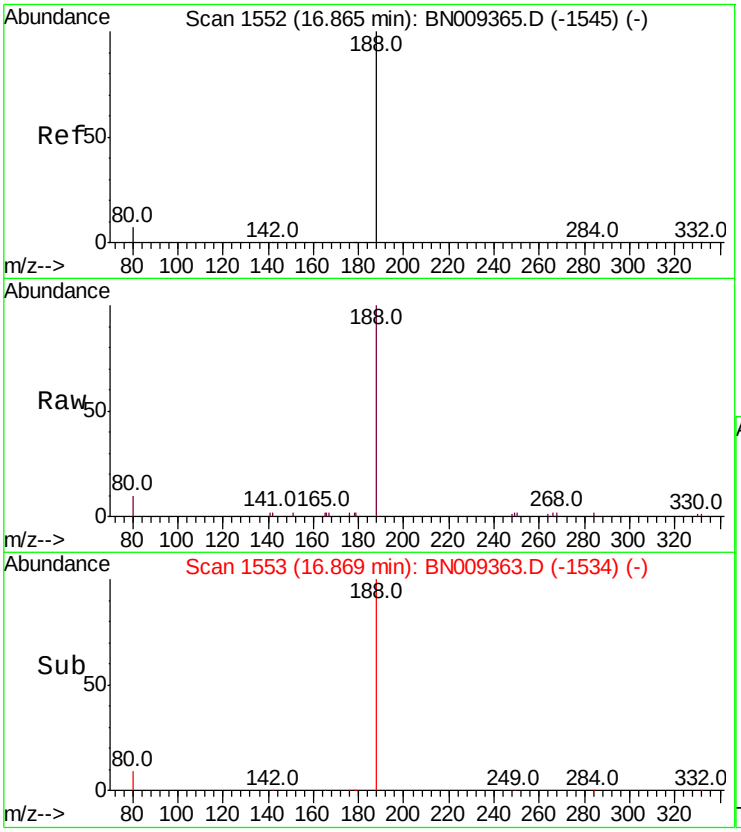


#18
Fluorene
Concen: 0.096 ng
RT: 15.18 min Scan# 1398
Delta R.T. 0.02 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:166 Resp: 1113

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.2	117.2
167	13.4	11.0	16.6



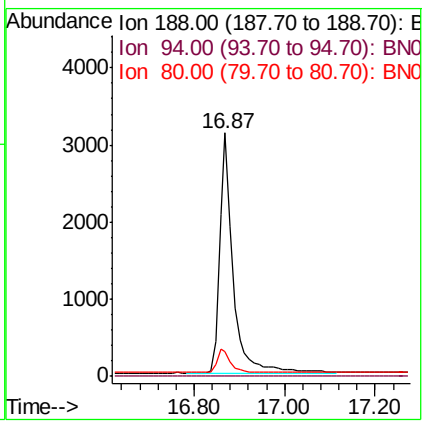


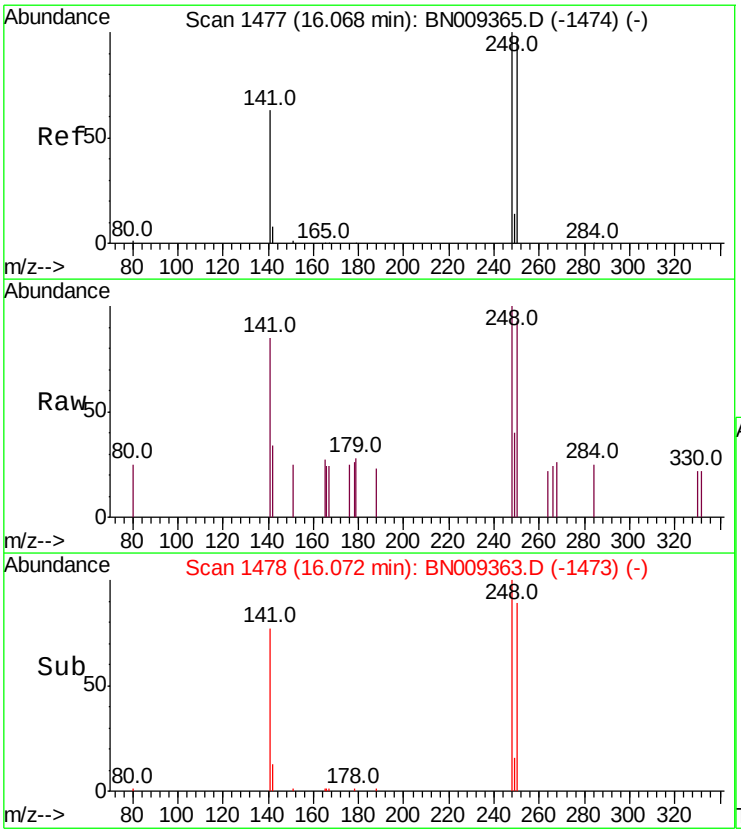
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.87 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 6392

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	6.6	10.0#

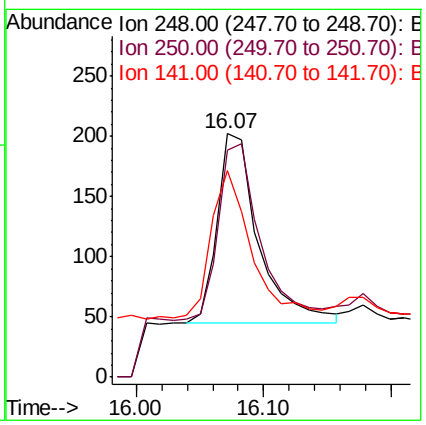


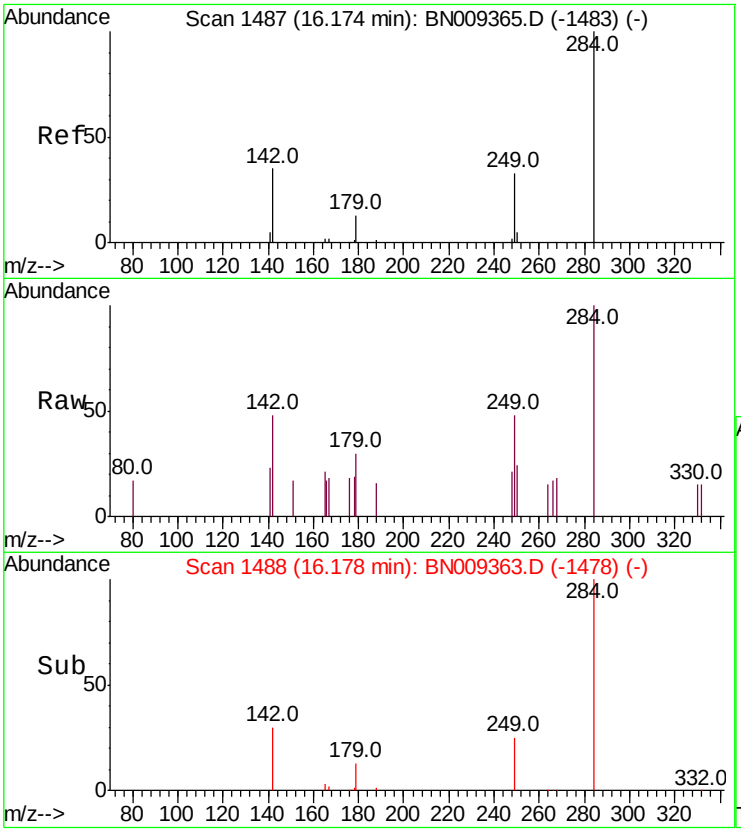


#20
4-Bromophenyl-phenylether
Concen: 0.093 ng
RT: 16.07 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:248 Resp: 355

Ion	Ratio	Lower	Upper
248	100		
250	93.1	77.8	116.8
141	84.7	53.4	80.0#



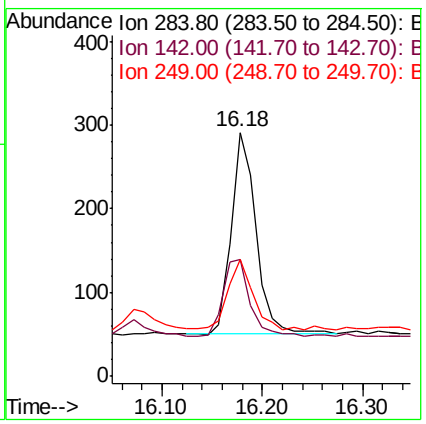


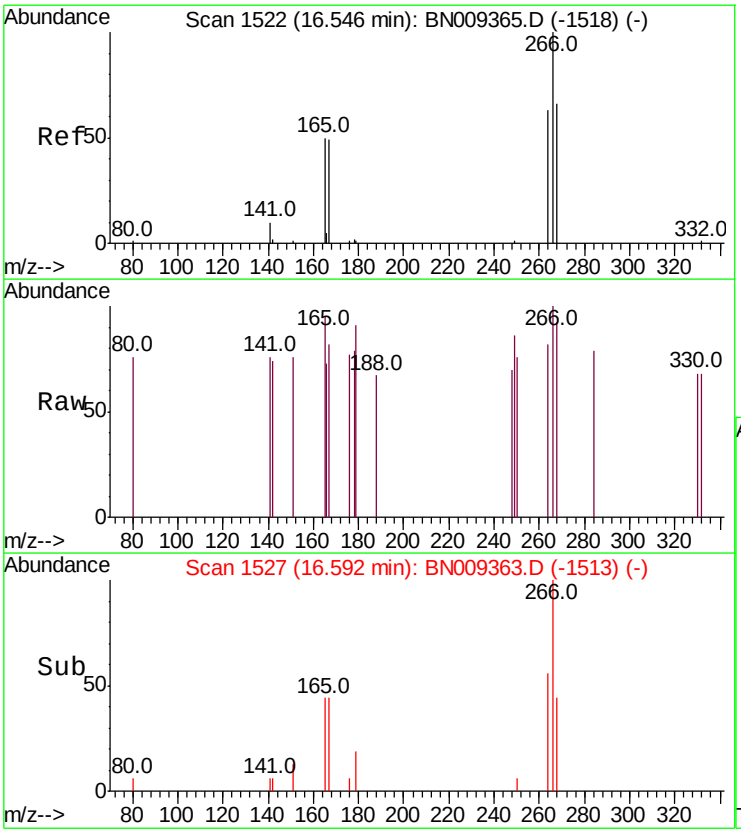
#21
Hexachlorobenzene
Concen: 0.095 ng
RT: 16.18 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 415

Ion	Ratio	Lower	Upper
284	100		
142	42.7	33.8	50.8
249	34.5	27.0	40.4

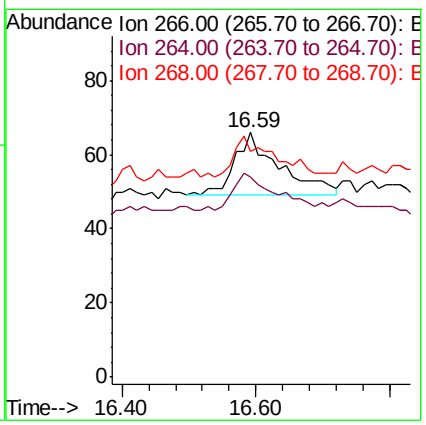


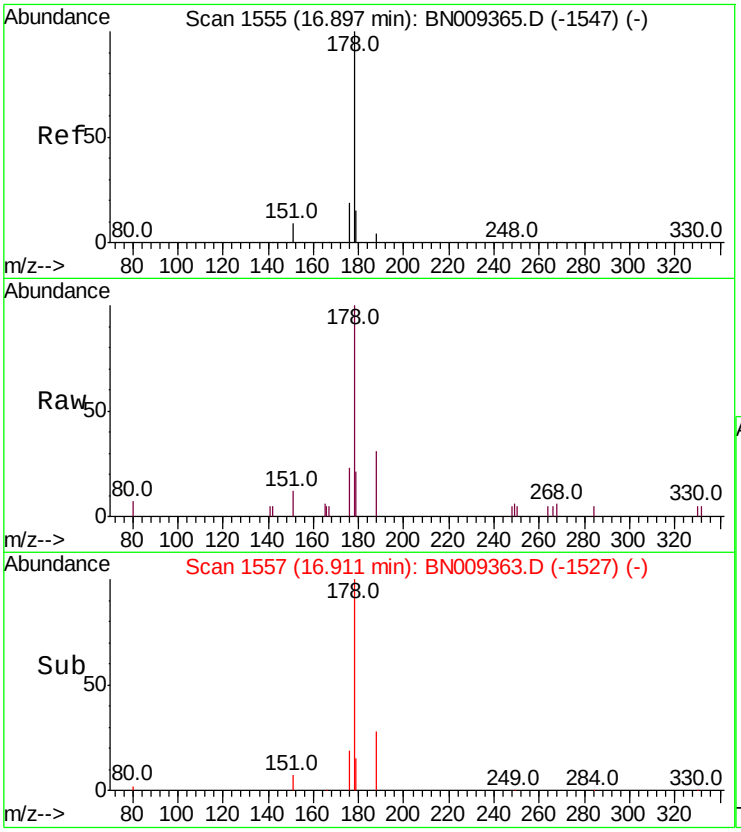


#22
Pentachlorophenol
Concen: 0.052 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.05 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:266 Resp: 81

Ion	Ratio	Lower	Upper
266	100		
264	81.8	57.8	86.6
268	92.4	63.8	95.6



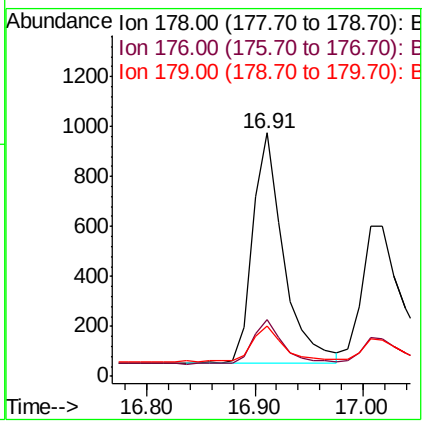


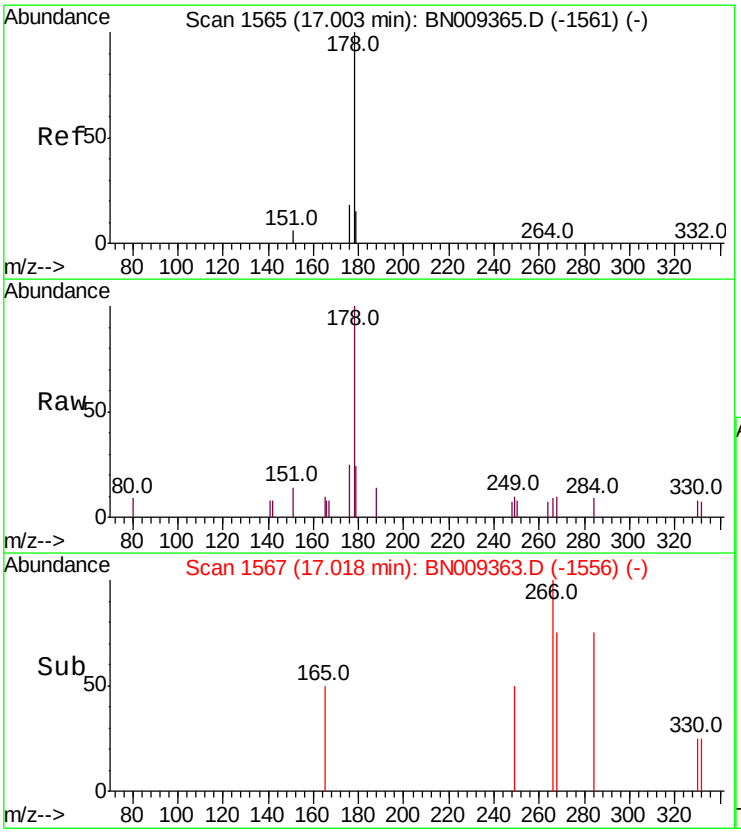
#23
Phenanthrene
Concen: 0.091 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1824

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	16.7	12.3	18.5

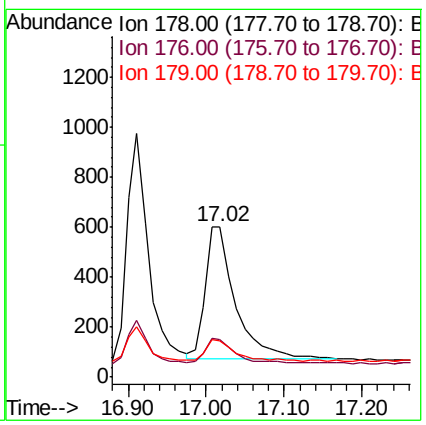


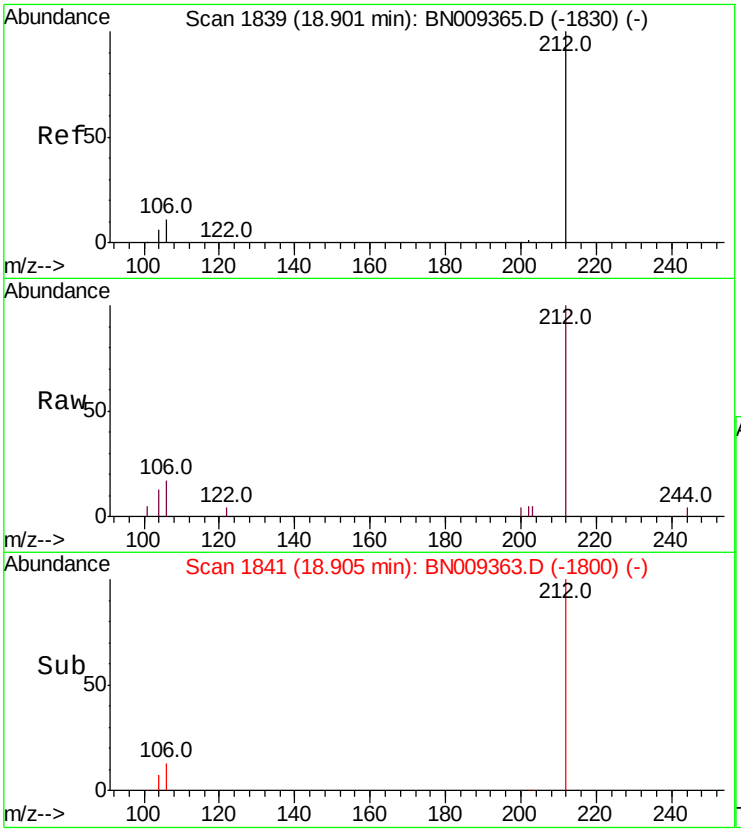


#24
Anthracene
Concen: 0.078 ng
RT: 17.02 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:178 Resp: 1380

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	15.6	12.5	18.7



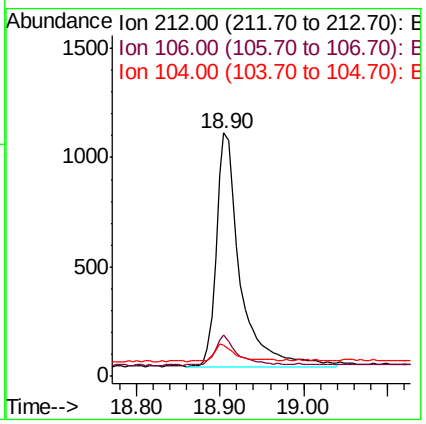


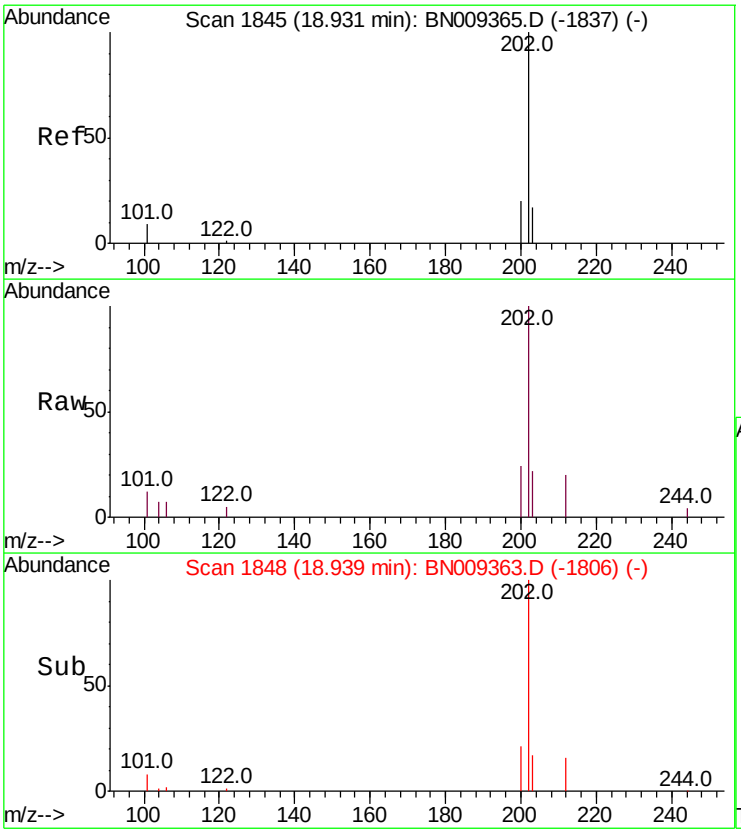
#25
Fluoranthene-d10
Concen: 0.108 ng
RT: 18.90 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 2091

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.2	13.8
104	6.6	5.4	8.0

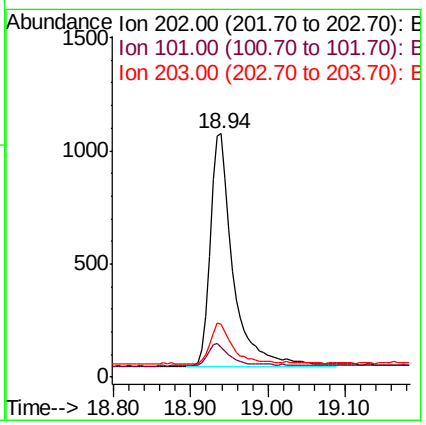


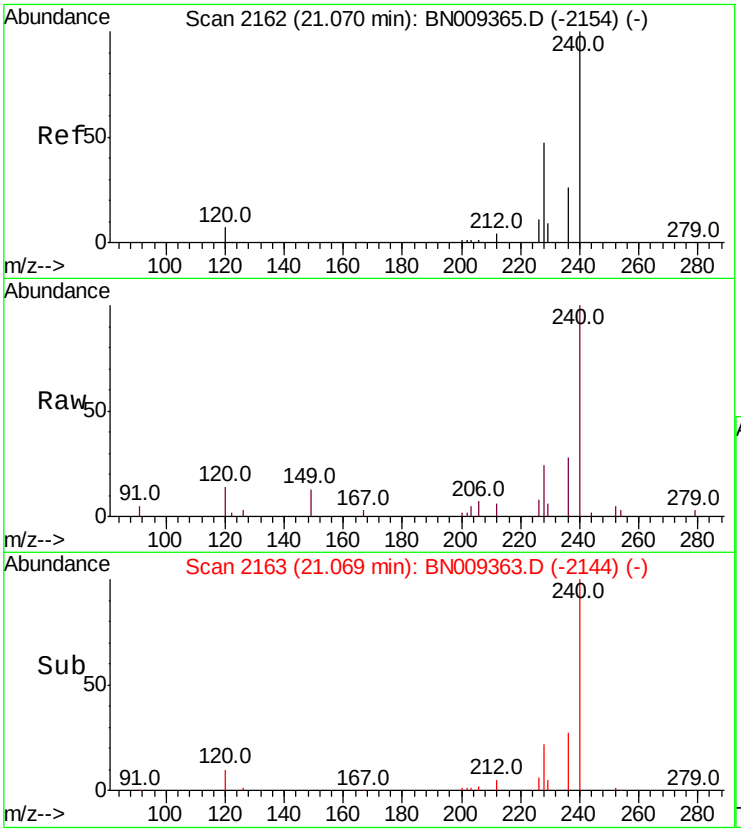


#26
Fluoranthene
Concen: 0.088 ng
RT: 18.94 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:202 Resp: 2115

Ion	Ratio	Lower	Upper
202	100		
101	8.9	8.0	12.0
203	16.9	13.5	20.3



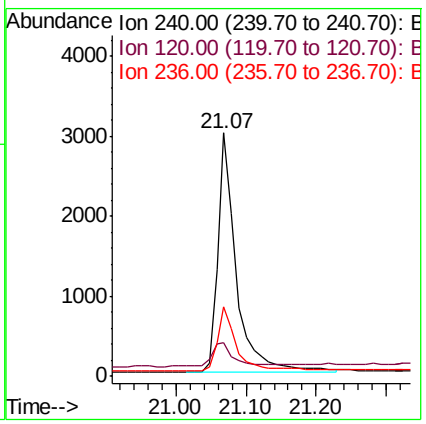


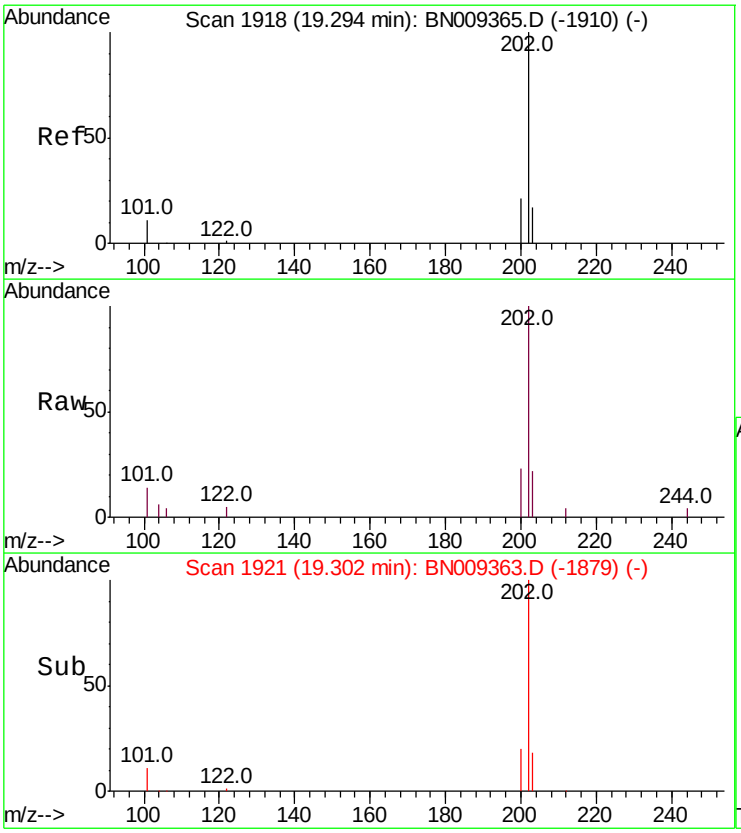
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 5575

Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.1	12.1#
236	28.4	22.2	33.4

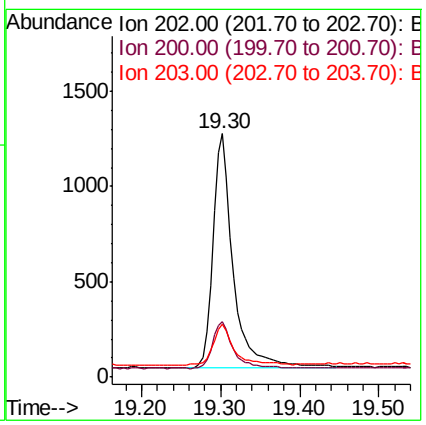


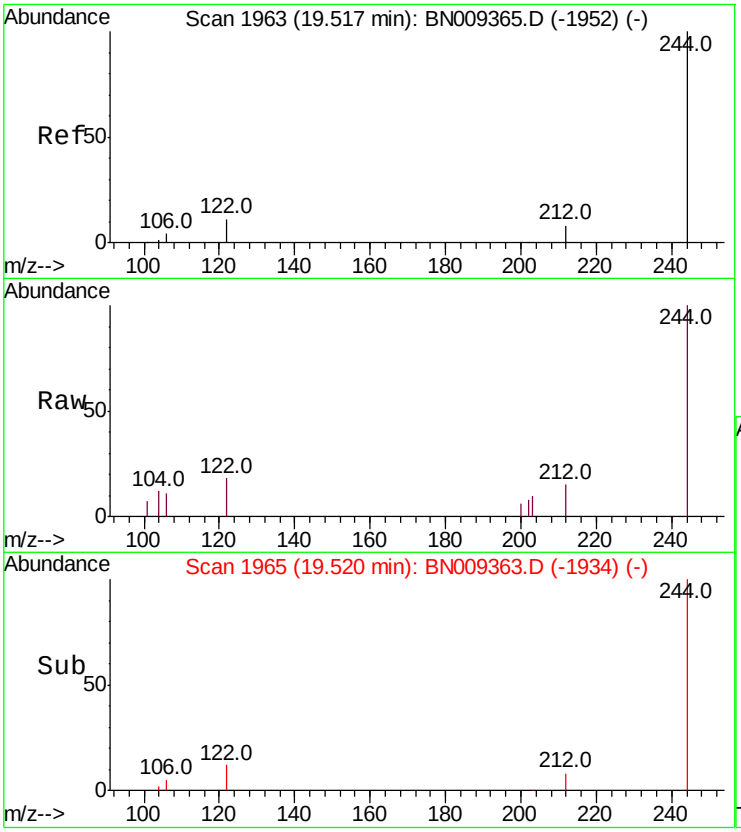


#28
Pyrene
Concen: 0.113 ng
RT: 19.30 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:202 Resp: 2202

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	18.0	14.1	21.1



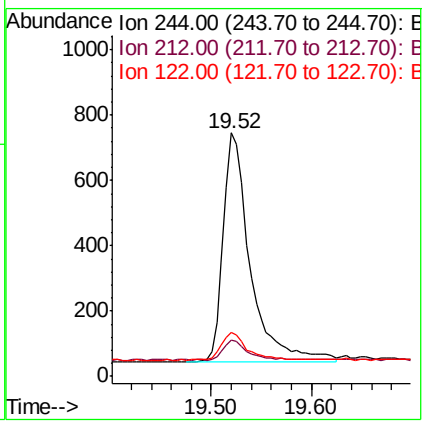


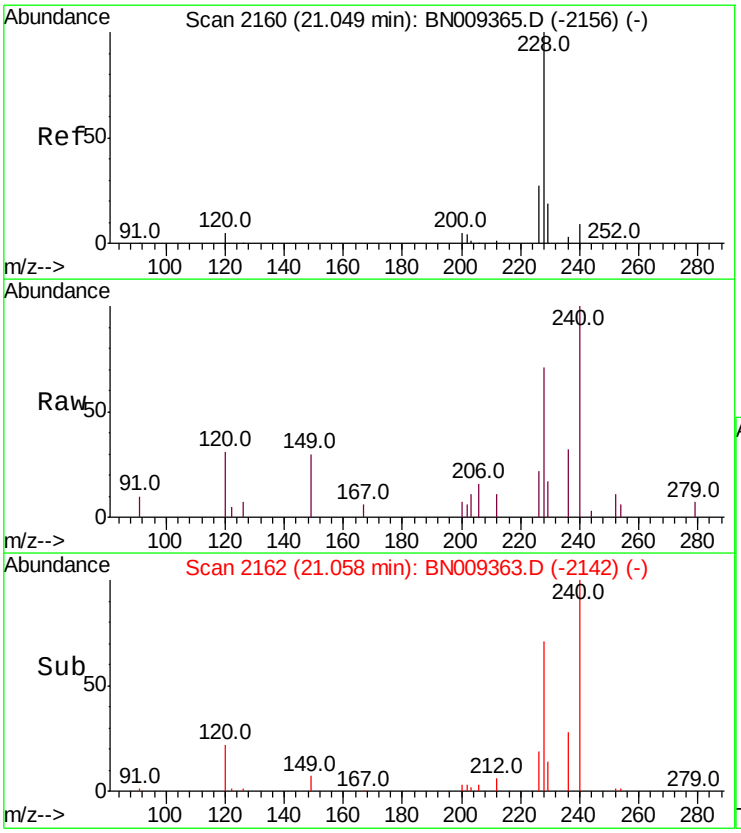
#29
Terphenyl-d14
Concen: 0.103 ng
RT: 19.52 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 1311

Ion	Ratio	Lower	Upper
244	100		
212	14.7	7.5	11.3#
122	18.0	9.8	14.6#

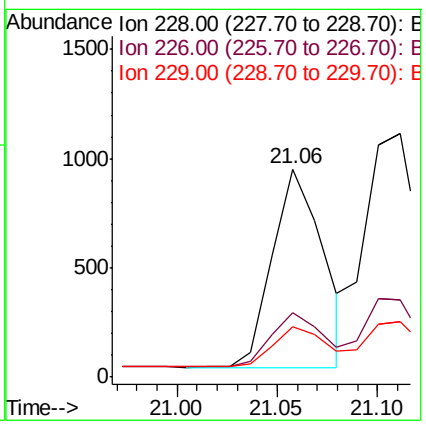


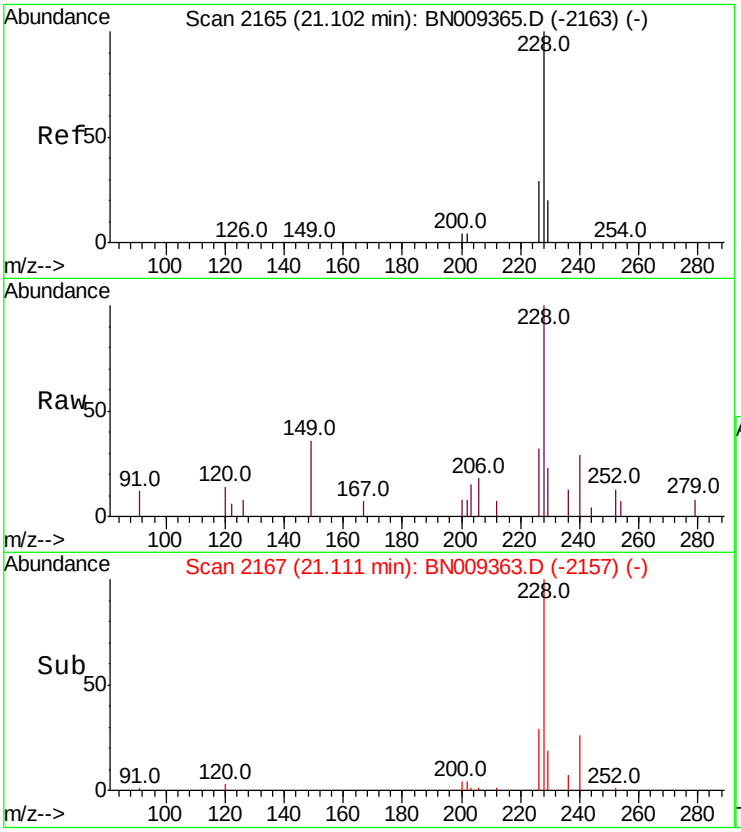


#30
Benzo(a)anthracene
Concen: 0.081 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:228 Resp: 1594

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.5	33.7
229	24.1	16.1	24.1



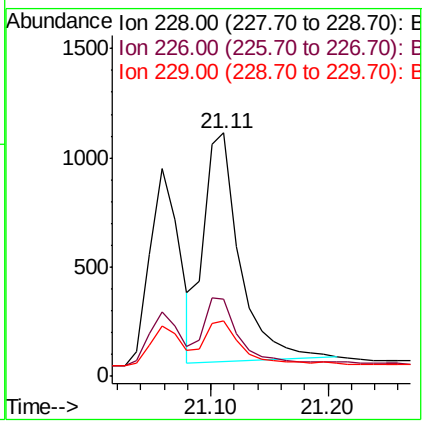


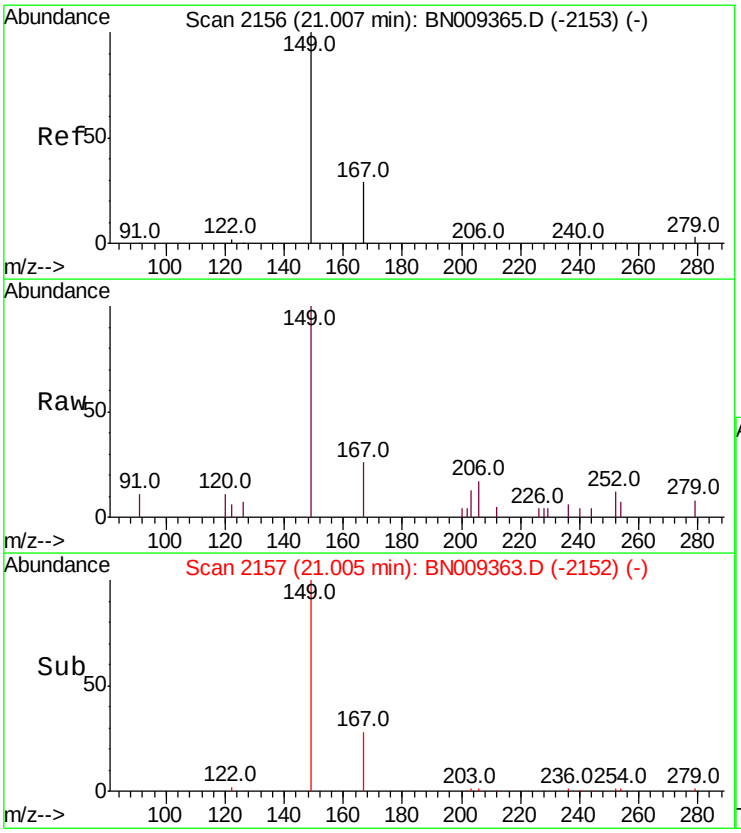
#31
Chrysene
Concen: 0.109 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 2226

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.8	35.8
229	22.9	16.6	24.8

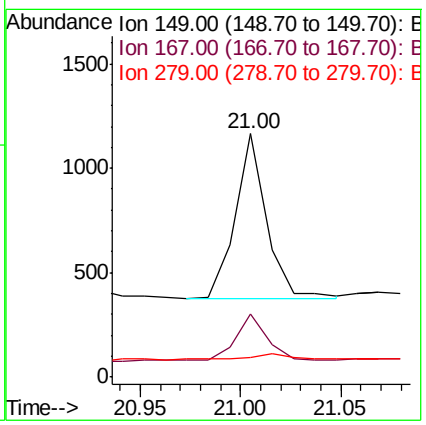


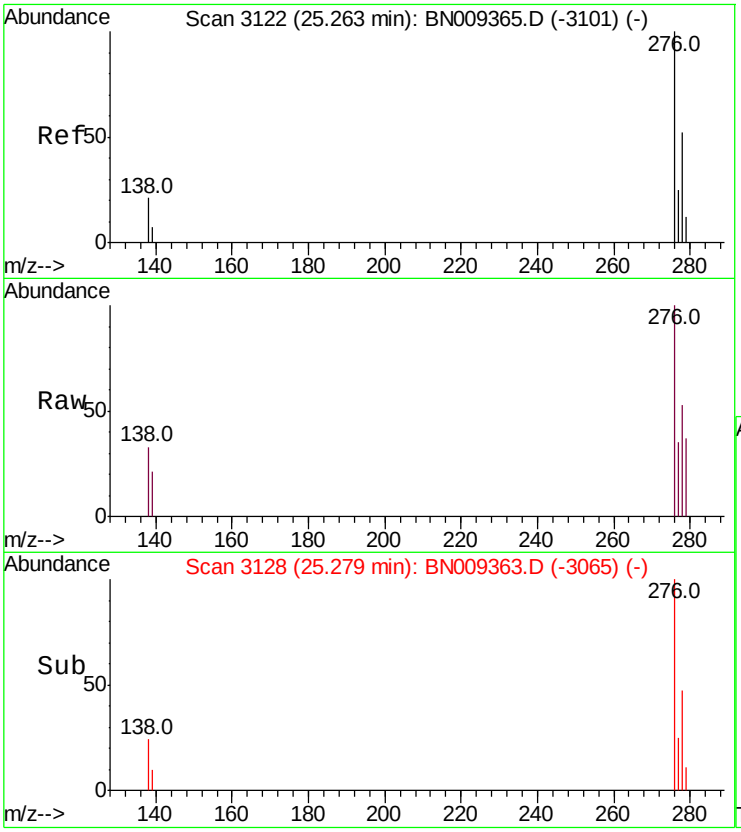


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.092 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:149 Resp: 849

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.9	34.3
279	3.5	3.4	5.0



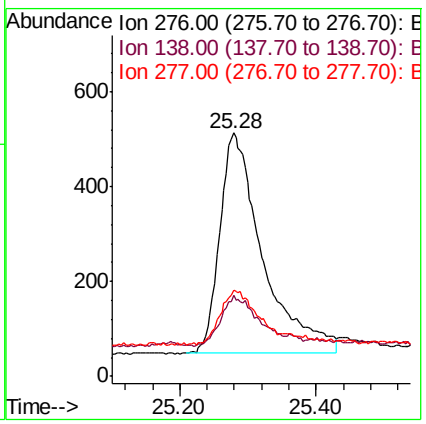


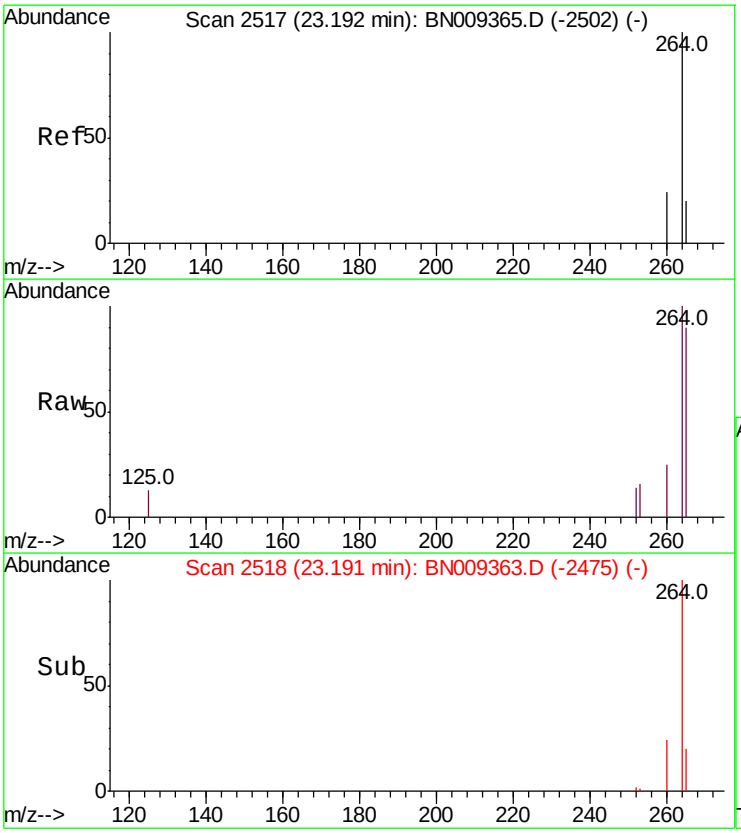
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng
RT: 25.28 min Scan# 3128
Delta R.T. 0.02 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2031

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.9	23.9
277	21.5	19.8	29.6

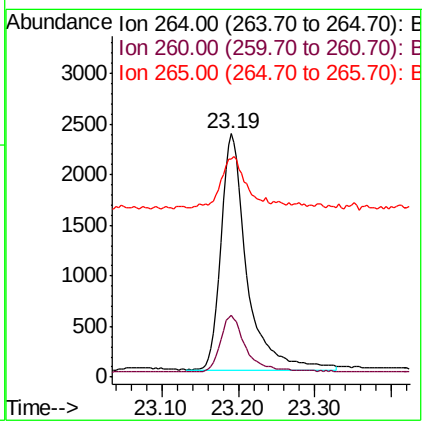


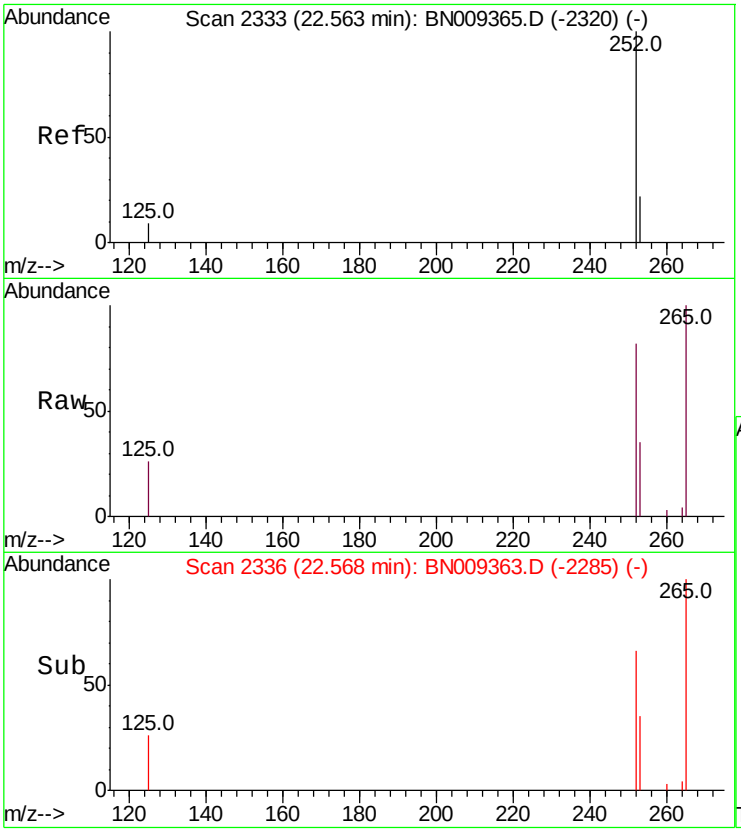


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:264 Resp: 5561

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	89.5	68.2	102.4



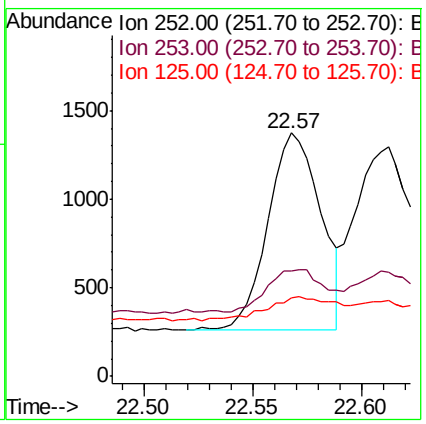


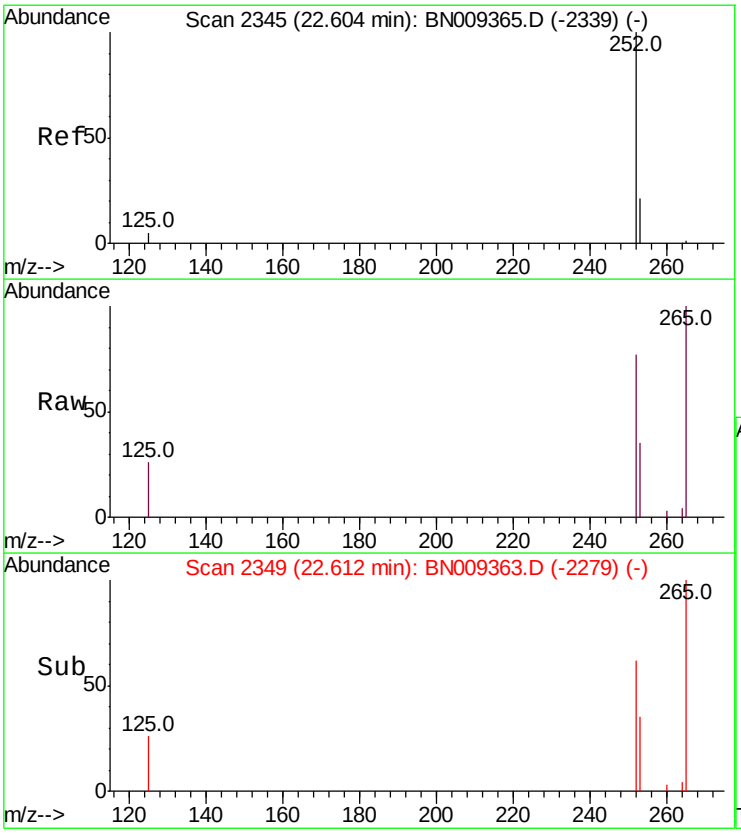
#35
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 22.57 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1860

Ion	Ratio	Lower	Upper
252	100		
253	43.2	22.4	33.6#
125	32.2	11.6	17.4#

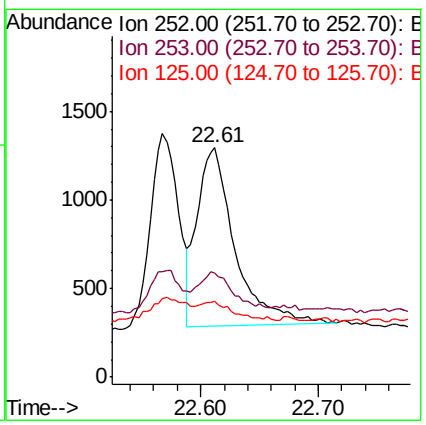


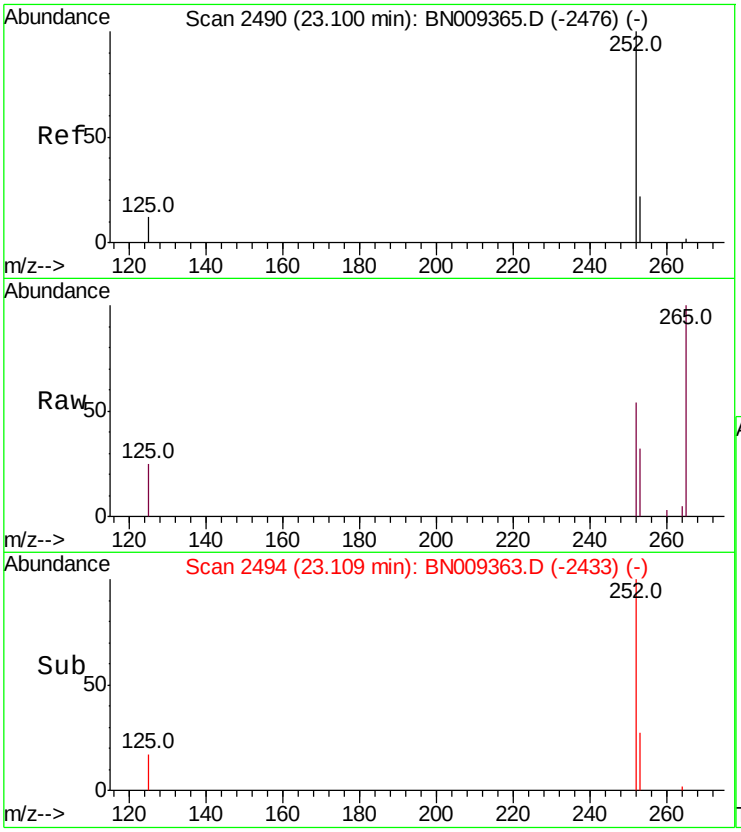


#36
Benzo(k)fluoranthene
Concen: 0.113 ng
RT: 22.61 min Scan# 2349
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:252 Resp: 2257

Ion	Ratio	Lower	Upper
252	100		
253	45.2	21.9	32.9#
125	33.2	12.0	18.0#



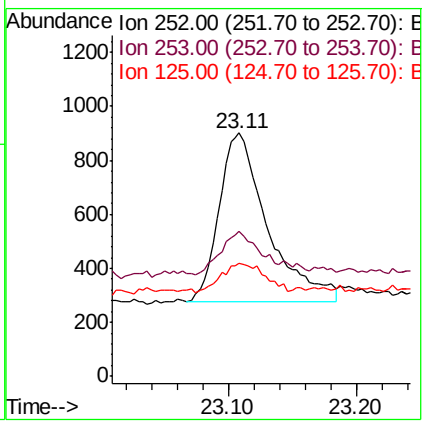


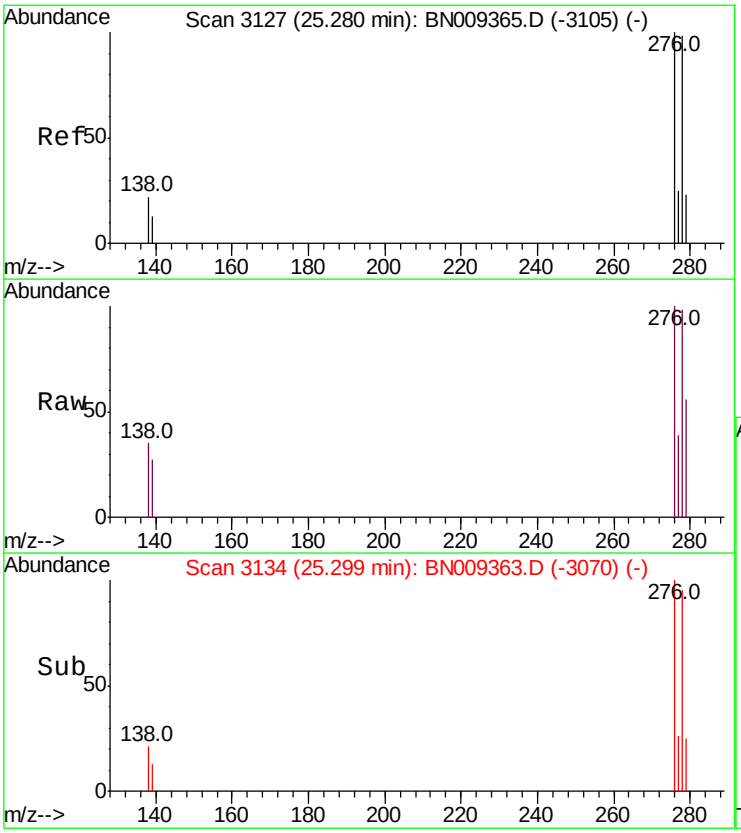
#37
Benzo(a)pyrene
Concen: 0.091 ng
RT: 23.11 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1623

Ion	Ratio	Lower	Upper
252	100		
253	59.6	25.4	38.0#
125	46.2	16.2	24.2#

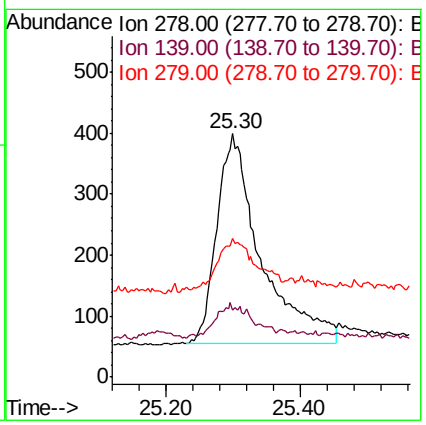


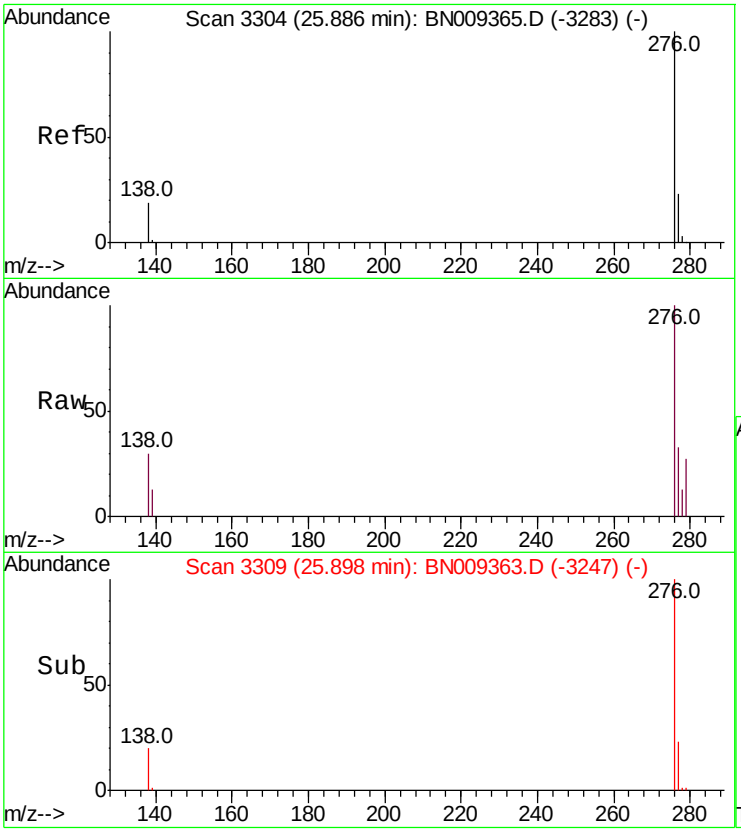


#38
Dibenzo(a,h)anthracene
Concen: 0.094 ng
RT: 25.30 min Scan# 3134
Delta R.T. 0.02 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:278 Resp: 1569

Ion	Ratio	Lower	Upper
278	100		
139	27.6	14.5	21.7#
279	57.1	24.2	36.4#





#39
Benzo(g,h,i)perylene
Concen: 0.114 ng
RT: 25.90 min Scan# 3309
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 1880

Ion	Ratio	Lower	Upper
276	100		
277	33.3	20.6	30.8#
138	29.6	17.1	25.7#