Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
Data File : BN009368.D
Acq On : 13 Jan 2020 17:30
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Jan 14 09:29:11 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 16:28:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1524	0.40	ng		0.00
7) Naphthalene-d8	10.23	136	4993	0.40	ng		0.00
13) Acenaphthene-d10	14.10	164	3160	0.40	ng		-0.01
19) Phenanthrene-d10	16.85	188	6577	0.40	ng		-0.01
27) Chrysene-d12	21.06	240	6613	0.40	ng		-0.01
34) Perylene-d12	23.19	264	6054	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	11361	2.93	ng		0.00
5) Phenol-d6	6.67	99	14050	2.62	ng		0.00
8) Nitrobenzene-d5	8.61	82	14919	3.52	ng		-0.03
11) 2-Methylnaphthalene-d10	11.82	152	33388	3.91	ng		0.00
14) 2,4,6-Tribromophenol	15.60	330	4459	2.94	ng		-0.02
15) 2-Fluorobiphenyl	12.72	172	40981	3.42	ng		-0.01
25) Fluoranthene-d10	18.89	212	80009	4.02	ng		-0.01
29) Terphenyl-d14	19.51	244	51789	3.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	5298	3.704	ng		96
3) n-Nitrosodimethylamine	3.43	42	9209	4.667	ng	#	92
6) bis(2-Chloroethyl)ether	6.92	93	13830	2.739	ng		93
9) Naphthalene	10.27	128	45670	3.353	ng		96
10) Hexachlorobutadiene	10.57	225	9613	3.687	ng	#	98
12) 2-Methylnaphthalene	11.89	142	32421	3.195	ng		98
16) Acenaphthylene	13.82	152	49488	3.424	ng		100
17) Acenaphthene	14.16	154	32120	3.347	ng		99
18) Fluorene	15.16	166	42130	3.264	ng		99
20) 4-Bromophenyl-phenylether	16.06	248	14202	3.610	ng		98
21) Hexachlorobenzene	16.17	284	14228	3.175	ng		99
22) Pentachlorophenol	16.52	266	4624	2.860	ng		86
23) Phenanthrene	16.90	178	69332	3.349	ng		100
24) Anthracene	16.99	178	61912	3.396	ng		99
26) Fluoranthene	18.93	202	82824	3.363	ng		99
28) Pyrene	19.29	202	81136	3.501	ng		100
30) Benzo(a)anthracene	21.05	228	77535	3.307	ng		97
31) Chrysene	21.10	228	81192	3.341	ng		98
32) Bis(2-ethylhexyl)phthalate	21.01	149	32961	3.002	ng		99
33) Indeno(1,2,3-cd)pyrene	25.25	276	89392	3.474	ng		97
35) Benzo(b)fluoranthene	22.56	252	80340	3.707	ng	#	89
36) Benzo(k)fluoranthene	22.60	252	82009	3.759	ng	#	89
37) Benzo(a)pyrene	23.09	252	69556	3.573	ng	#	82
38) Dibenzo(a,h)anthracene	25.26	278	72675	3.981	ng	#	90
39) Benzo(g,h,i)perylene	25.88	276	74534	4.136	ng		96

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

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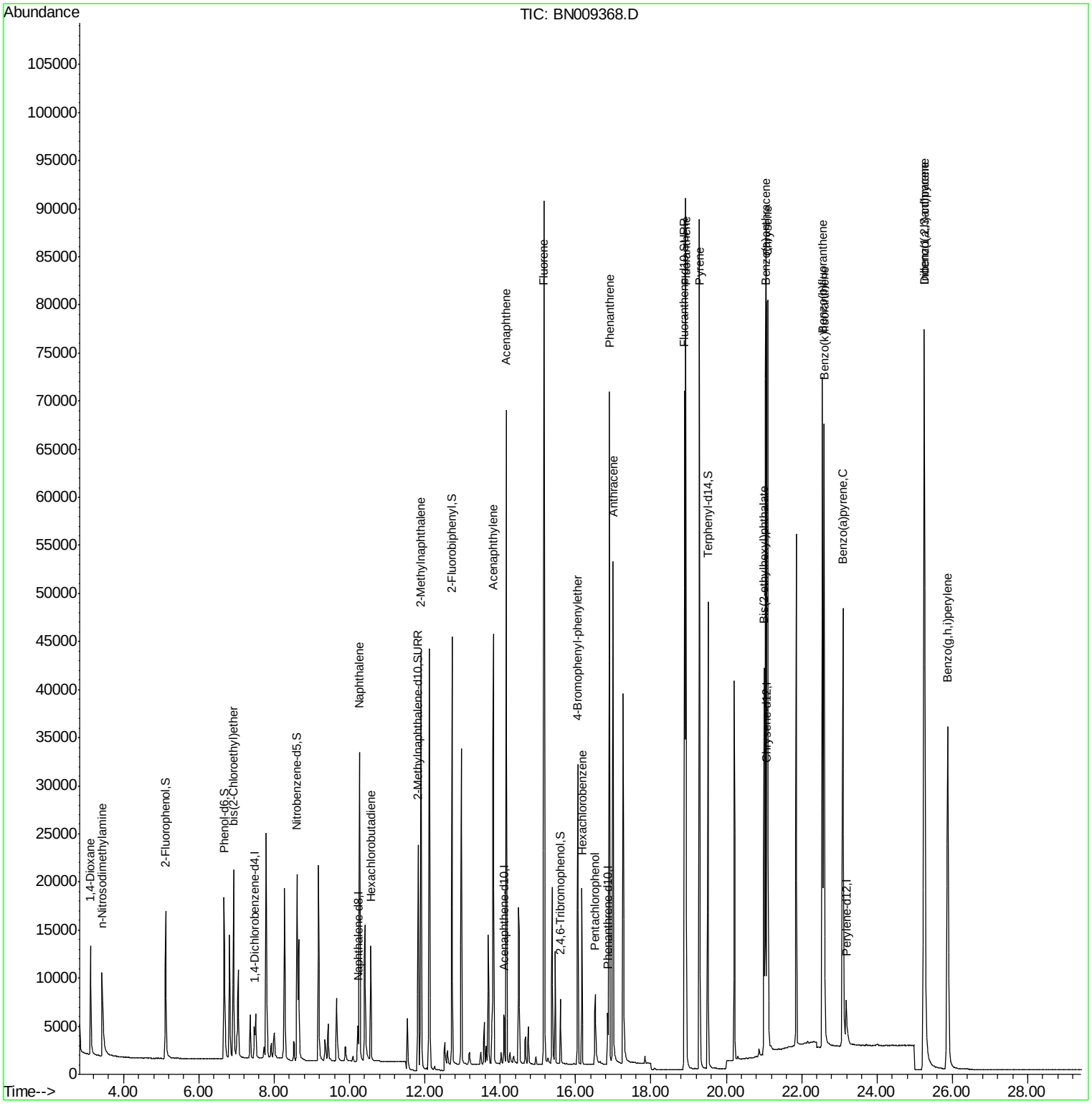
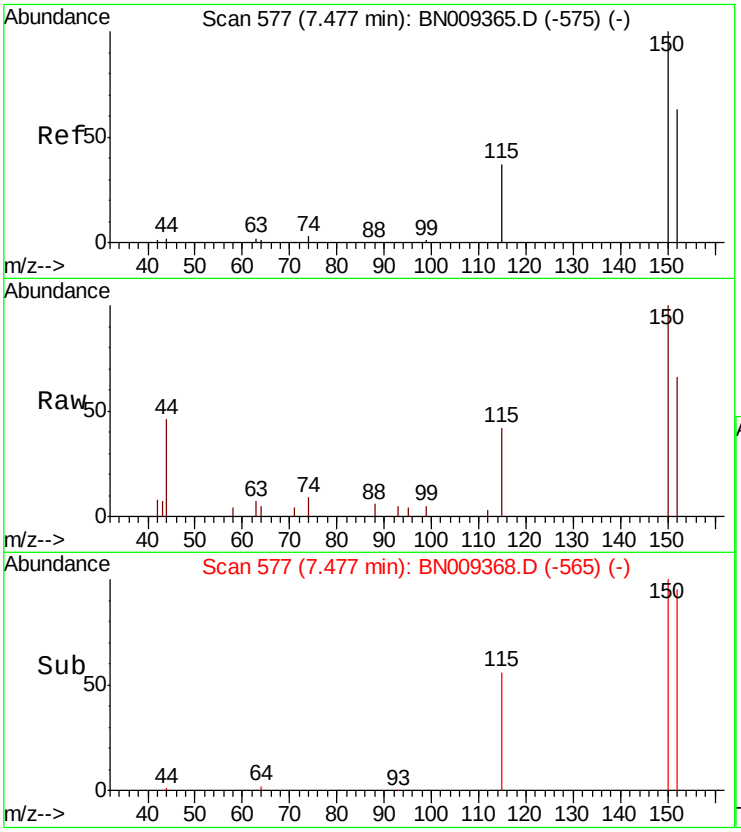
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jan 14 09:29:11 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 16:28:28 2020
Response via : Initial Calibration



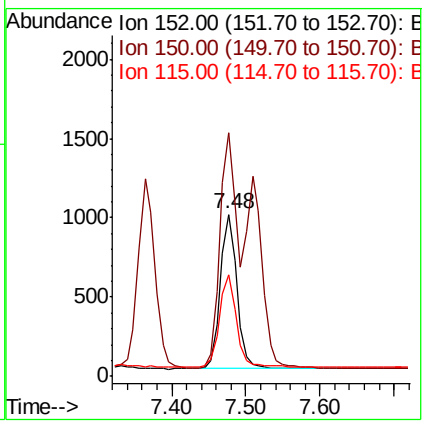


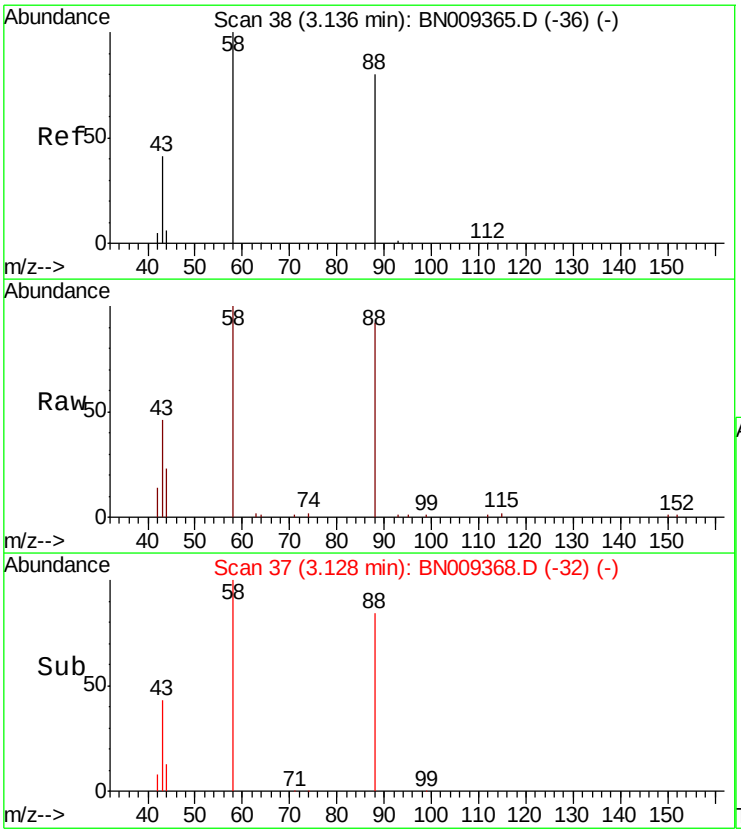
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1524

Ion	Ratio	Lower	Upper
152	100		
150	150.6	125.7	188.5
115	62.5	53.3	79.9

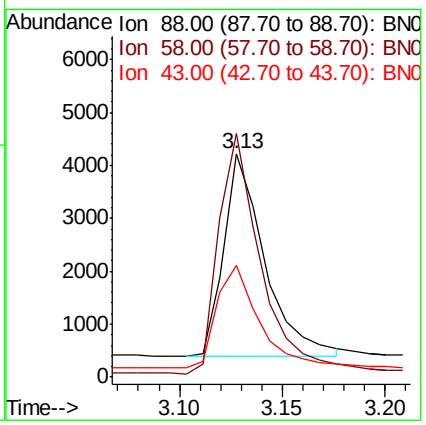


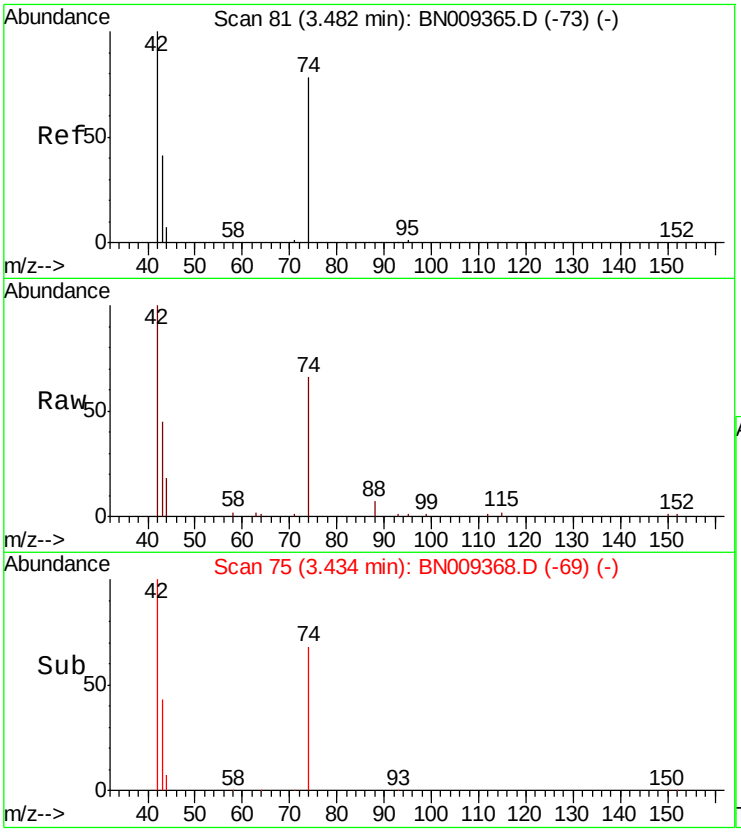


#2
1,4-Dioxane
Concen: 3.704 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion: 88 Resp: 5298

Ion	Ratio	Lower	Upper
88	100		
58	120.5	100.2	150.2
43	52.1	43.1	64.7



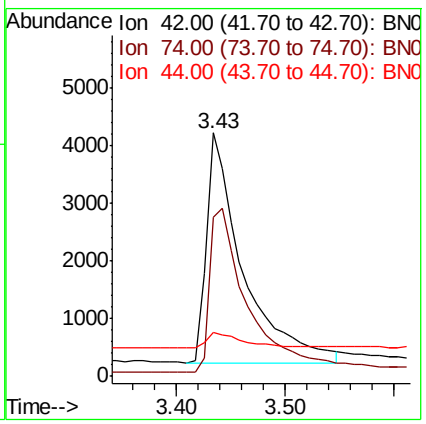


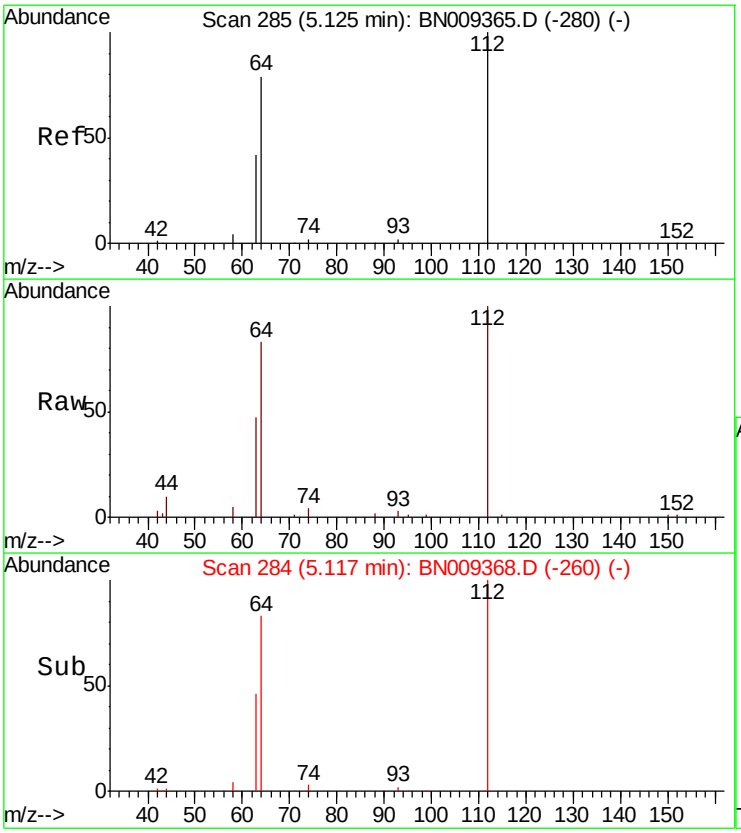
#3
n-Nitrosodimethylamine
Concen: 4.667 ng
RT: 3.43 min Scan# 75
Delta R.T. -0.05 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 9209

Ion	Ratio	Lower	Upper
42	100		
74	75.6	55.8	83.8
44	7.8	11.1	16.7#

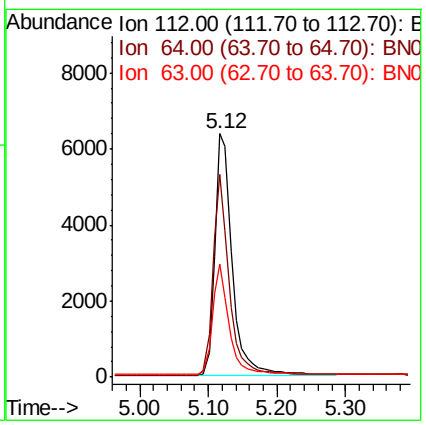


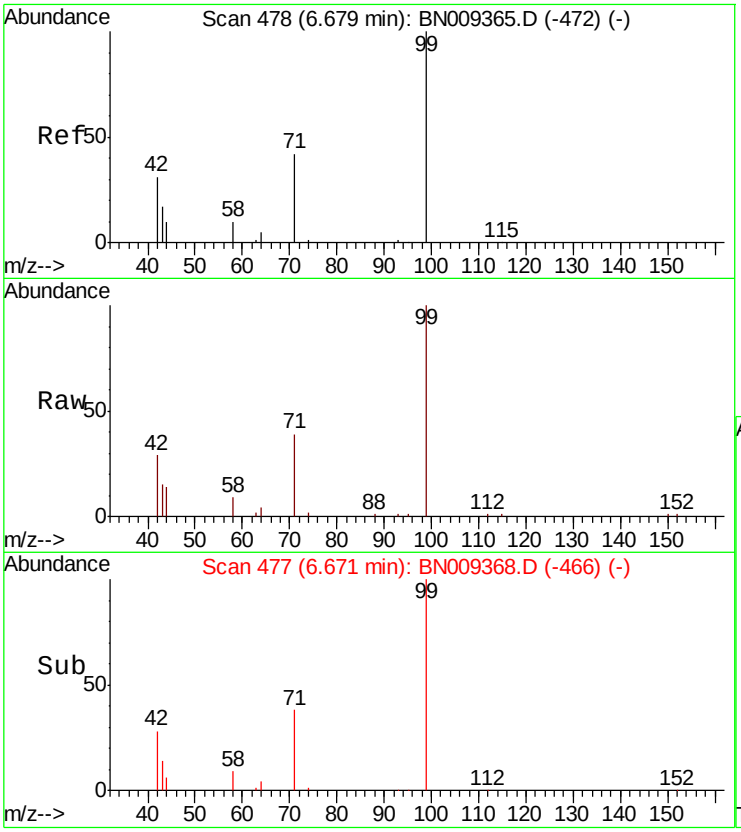


#4
2-Fluorophenol
Concen: 2.933 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:112 Resp: 11361

Ion	Ratio	Lower	Upper
112	100		
64	77.7	61.5	92.3
63	43.2	35.0	52.4



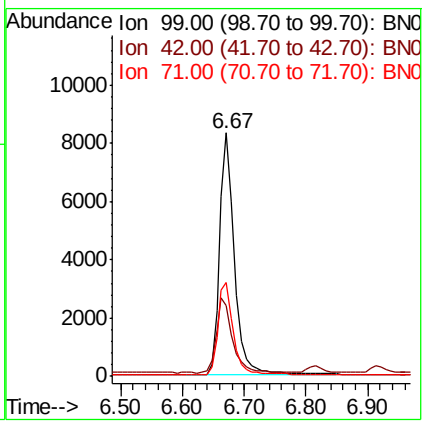


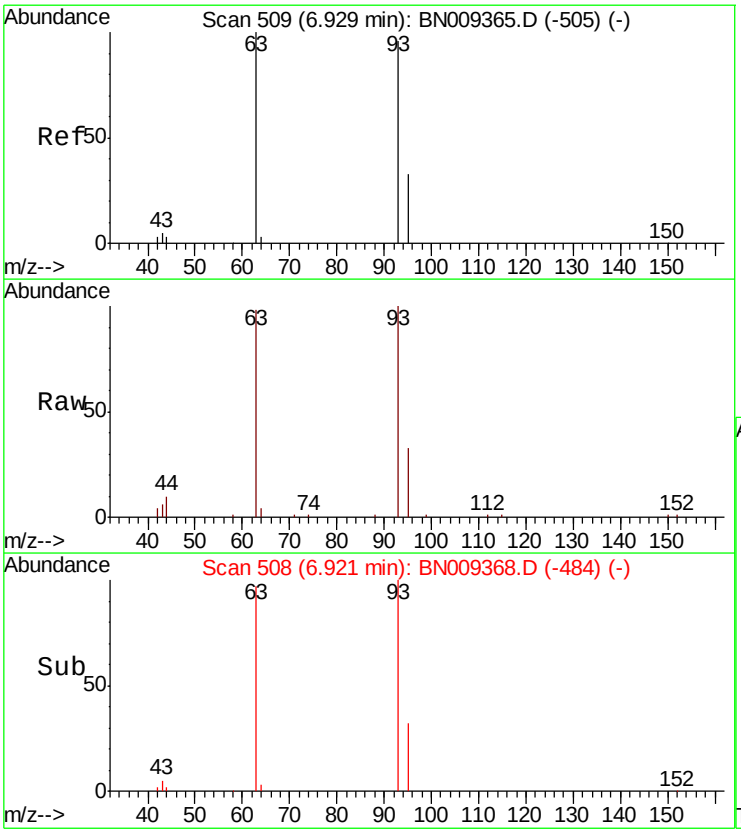
#5
Phenol-d6
Concen: 2.622 ng
RT: 6.67 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 14050

Ion	Ratio	Lower	Upper
99	100		
42	33.4	27.6	41.4
71	40.1	33.0	49.6

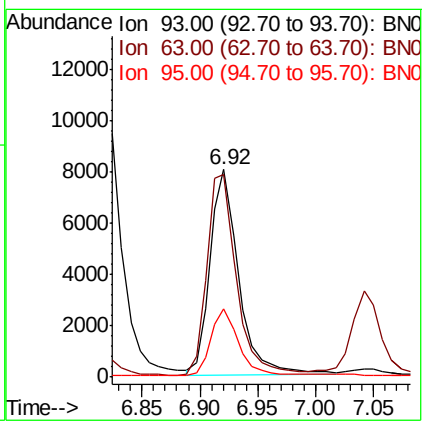


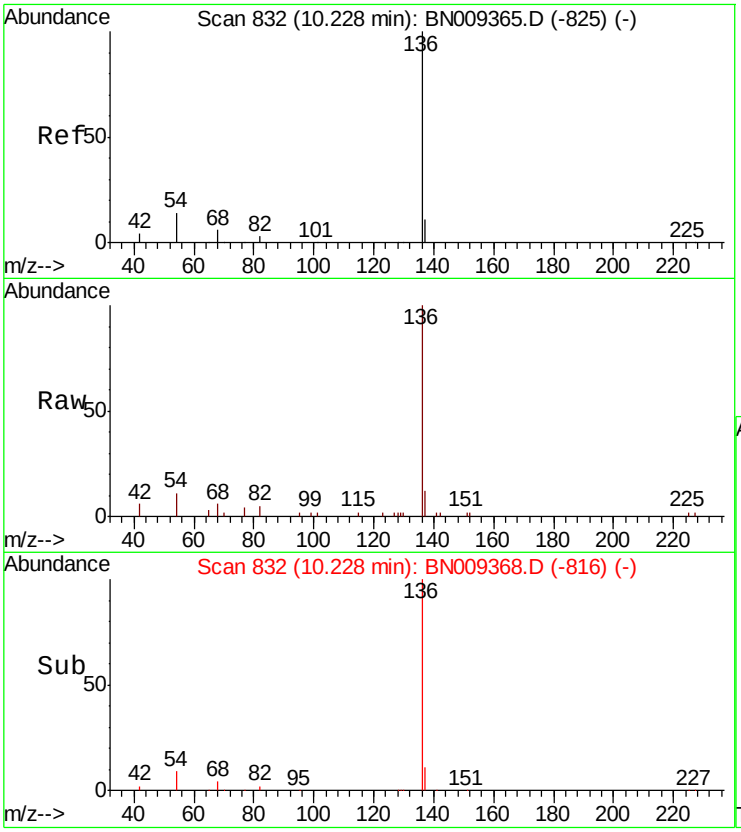


#6
bis(2-Chloroethyl)ether
Concen: 2.739 ng
RT: 6.92 min Scan# 508
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion: 93 Resp: 13830

Ion	Ratio	Lower	Upper
93	100		
63	100.6	85.1	127.7
95	31.5	30.2	45.4



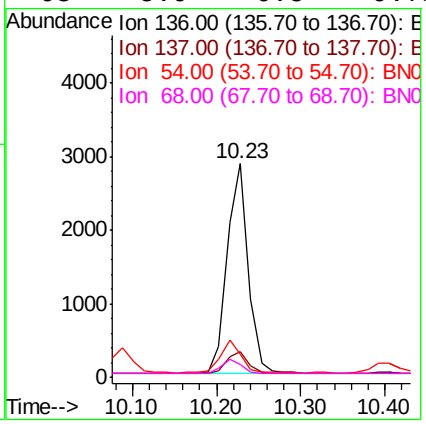


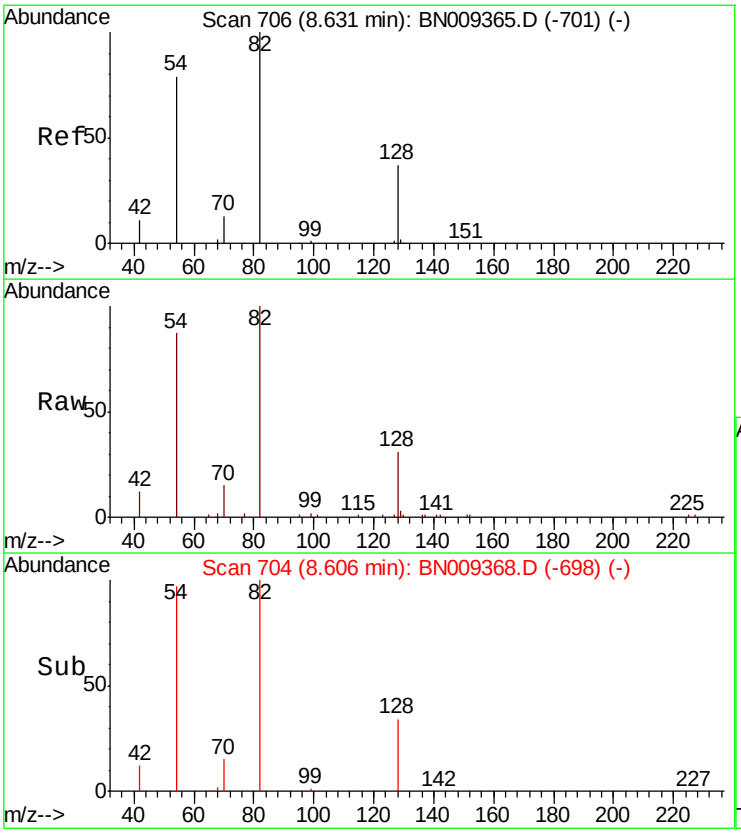
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 4993

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.3	15.5
54	11.0	12.6	19.0#
68	5.9	6.5	9.7#

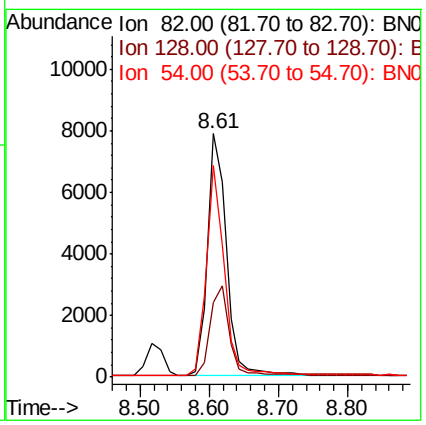


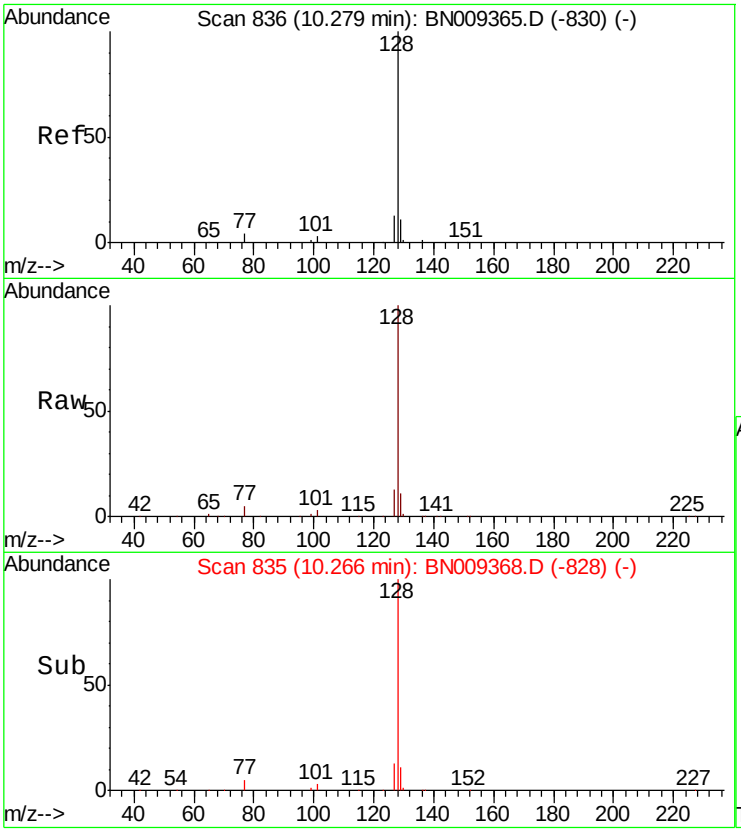


#8
Nitrobenzene-d5
Concen: 3.523 ng
RT: 8.61 min Scan# 704
Delta R.T. -0.03 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion: 82 Resp: 14919

Ion	Ratio	Lower	Upper
82	100		
128	30.6	34.8	52.2#
54	87.1	65.8	98.6



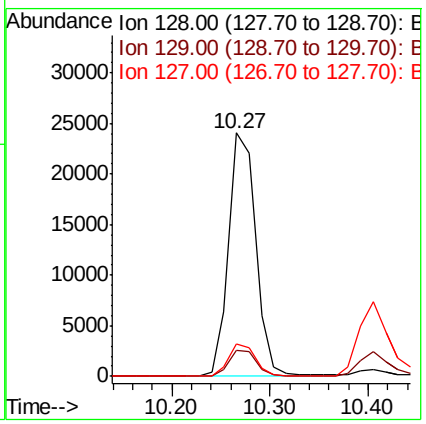


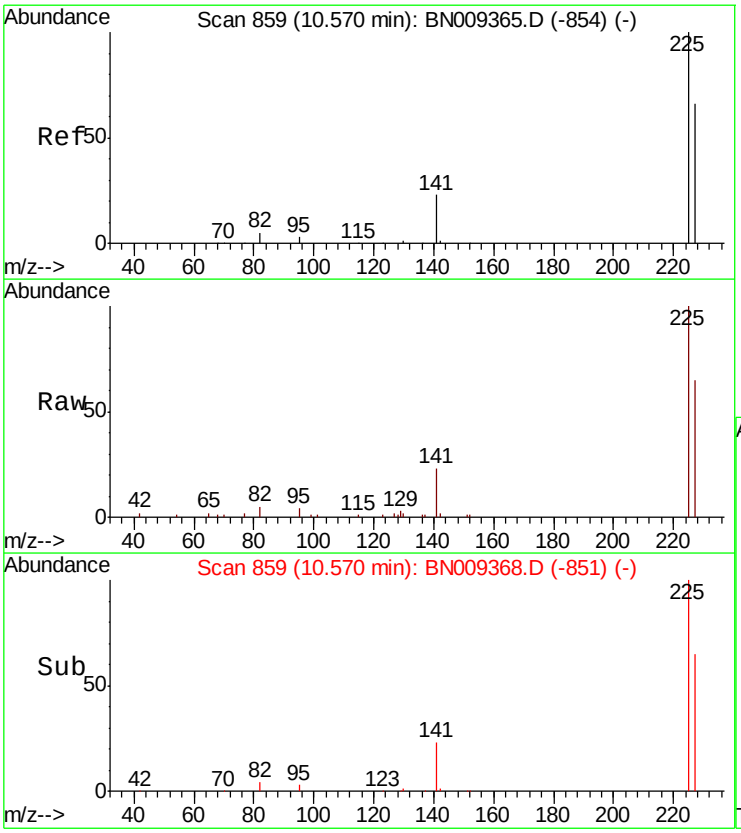
#9
Naphthalene
Concen: 3.353 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 45670

Ion	Ratio	Lower	Upper
128	100		
129	10.8	10.4	15.6
127	13.4	11.4	17.2

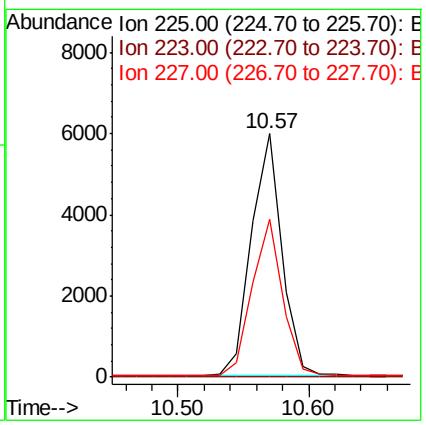


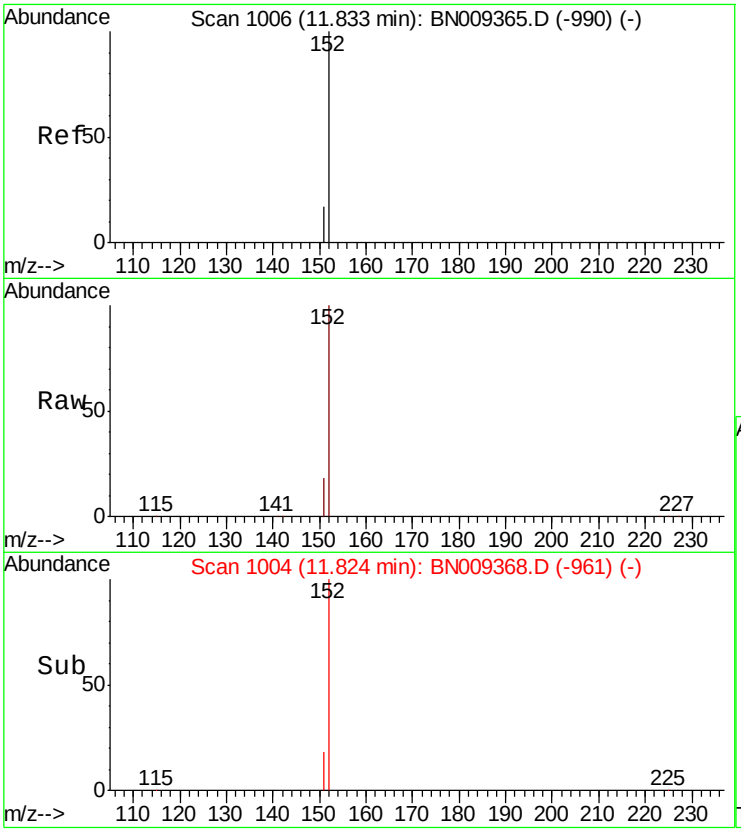


#10
Hexachlorobutadiene
Concen: 3.687 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:225 Resp: 9613

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	52.6	78.8



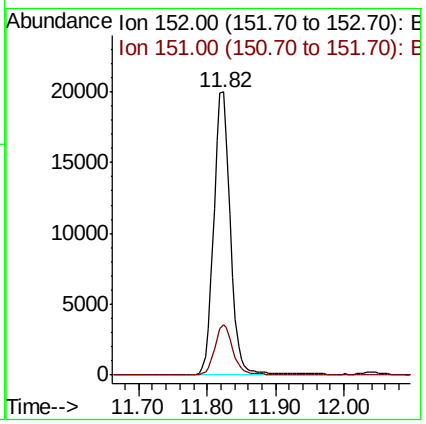


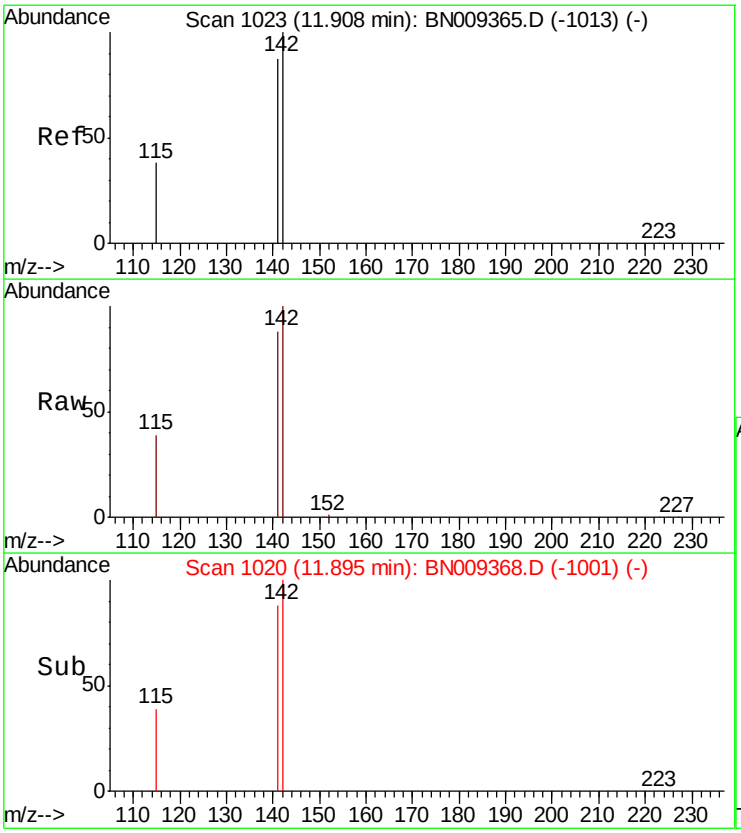
#11
2-Methylnaphthalene-d10
Concen: 3.910 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 33388

Ion	Ratio	Lower	Upper
152	100		
151	19.0	14.8	22.2

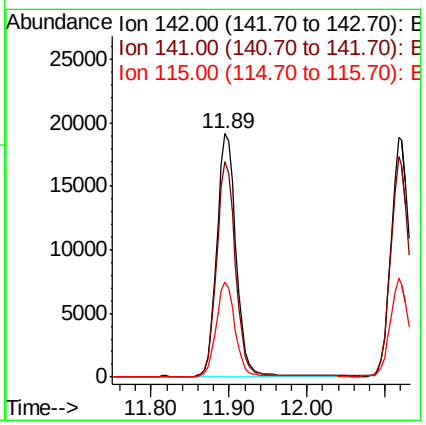


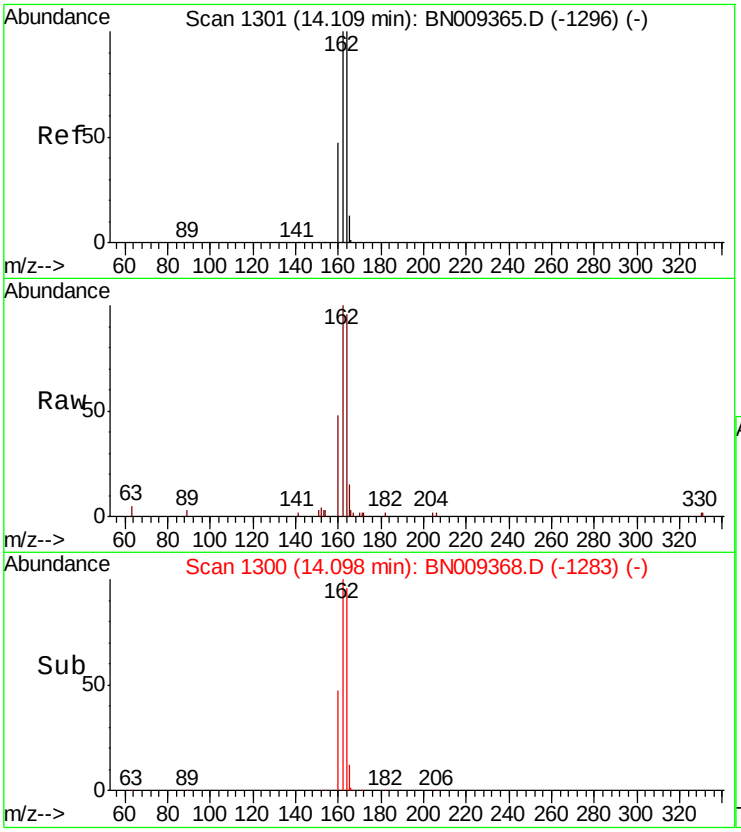


#12
2-Methylnaphthalene
Concen: 3.195 ng
RT: 11.89 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:142 Resp: 32421

Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.8	104.6
115	38.9	32.5	48.7



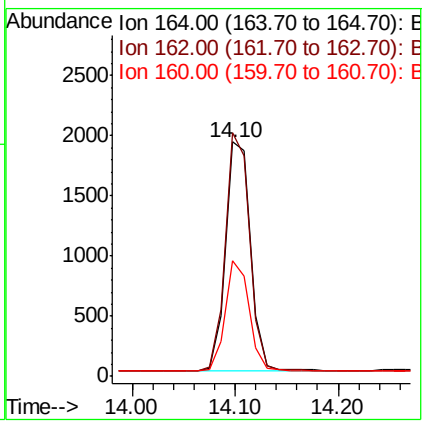


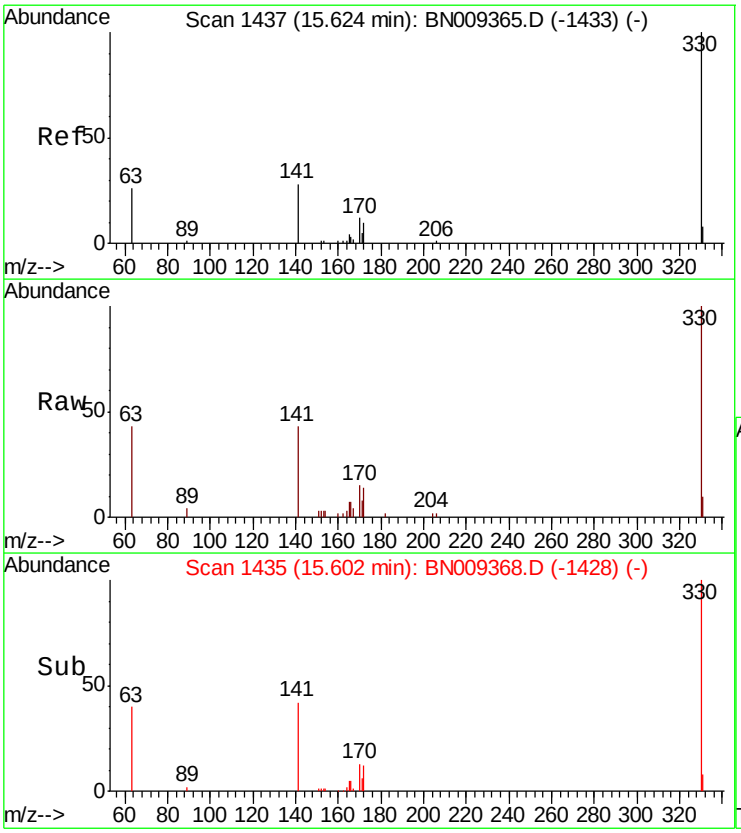
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 3160

Ion	Ratio	Lower	Upper
164	100		
162	104.0	79.8	119.6
160	49.6	38.4	57.6

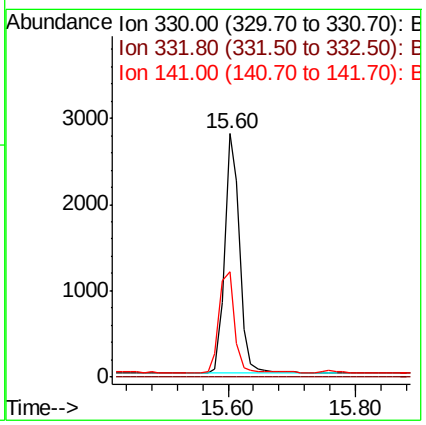


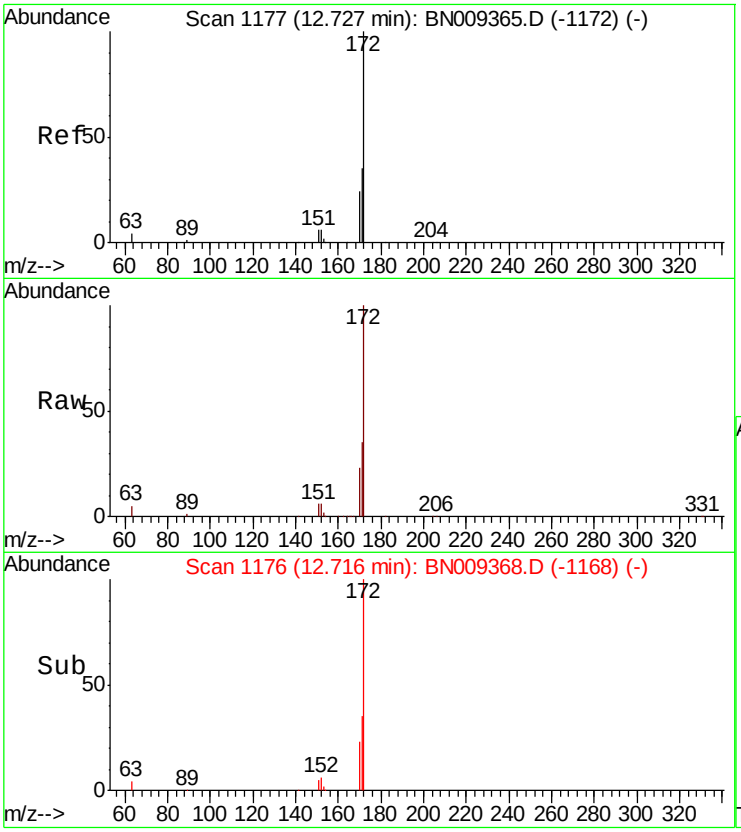


#14
2,4,6-Tribromophenol
Concen: 2.940 ng
RT: 15.60 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:330 Resp: 4459

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.2	33.1	49.7



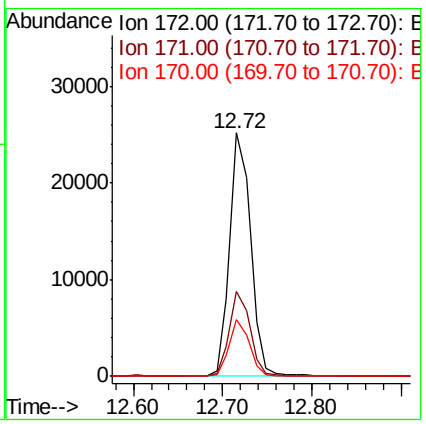


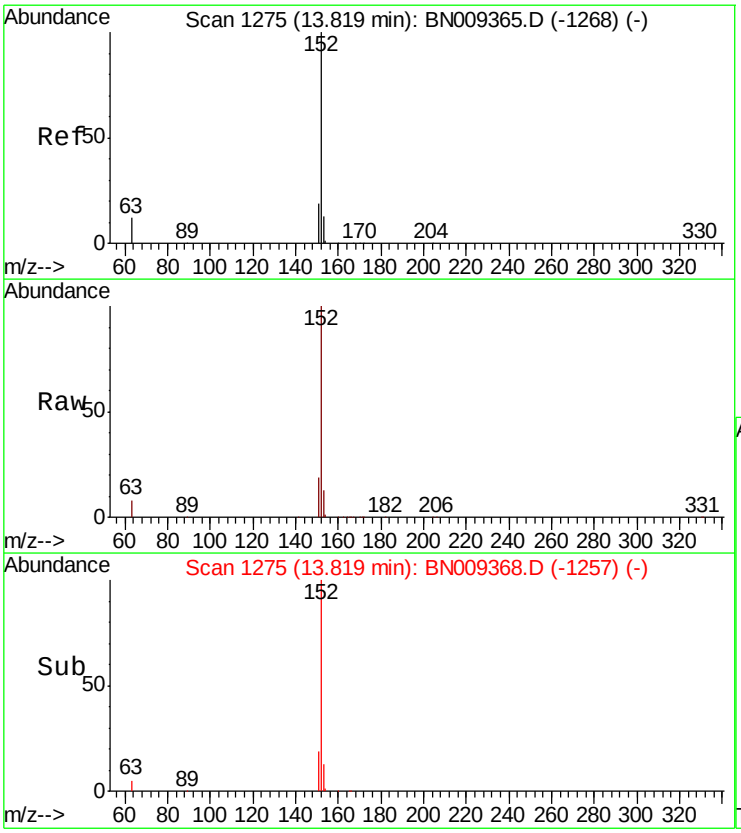
#15
2-Fluorobiphenyl
Concen: 3.415 ng
RT: 12.72 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 40981

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.5	44.3
170	23.5	20.7	31.1

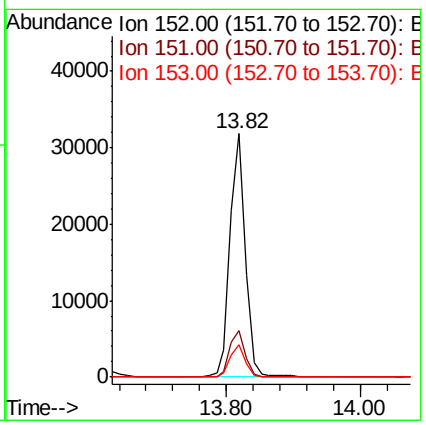


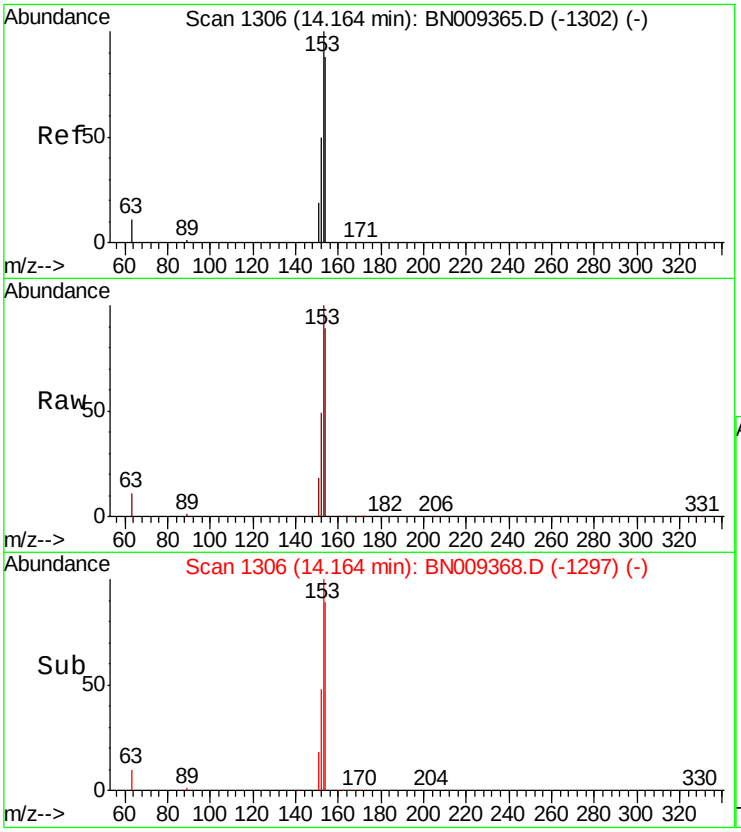


#16
Acenaphthylene
Concen: 3.424 ng
RT: 13.82 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:152 Resp: 49488

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.9	10.4	15.6



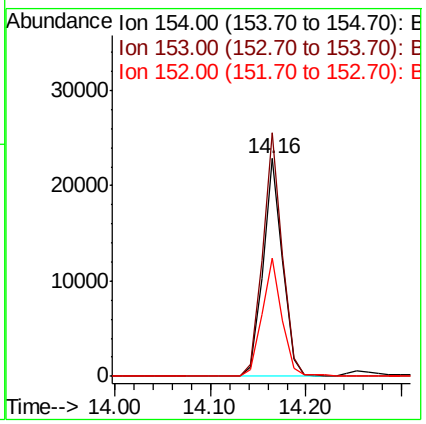


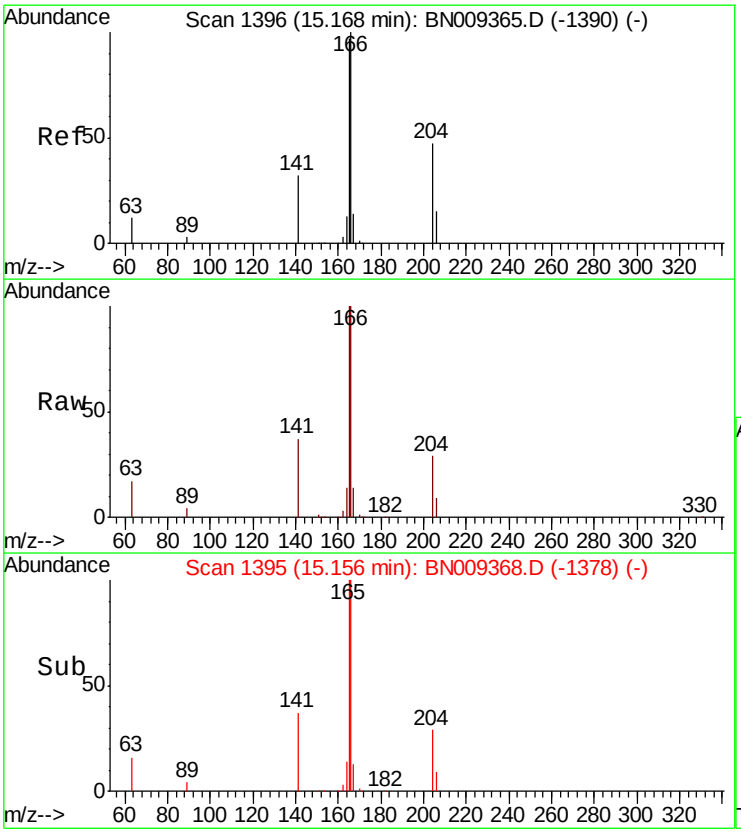
#17
Acenaphthene
Concen: 3.347 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 32120

Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.5	135.7
152	55.0	45.3	67.9

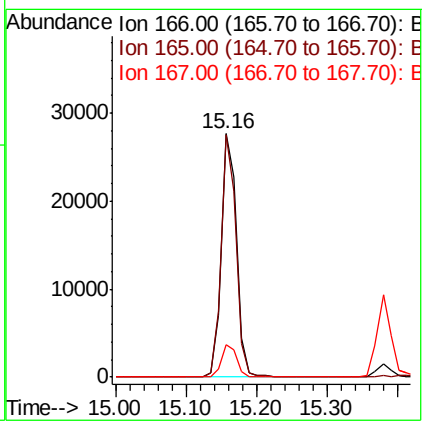


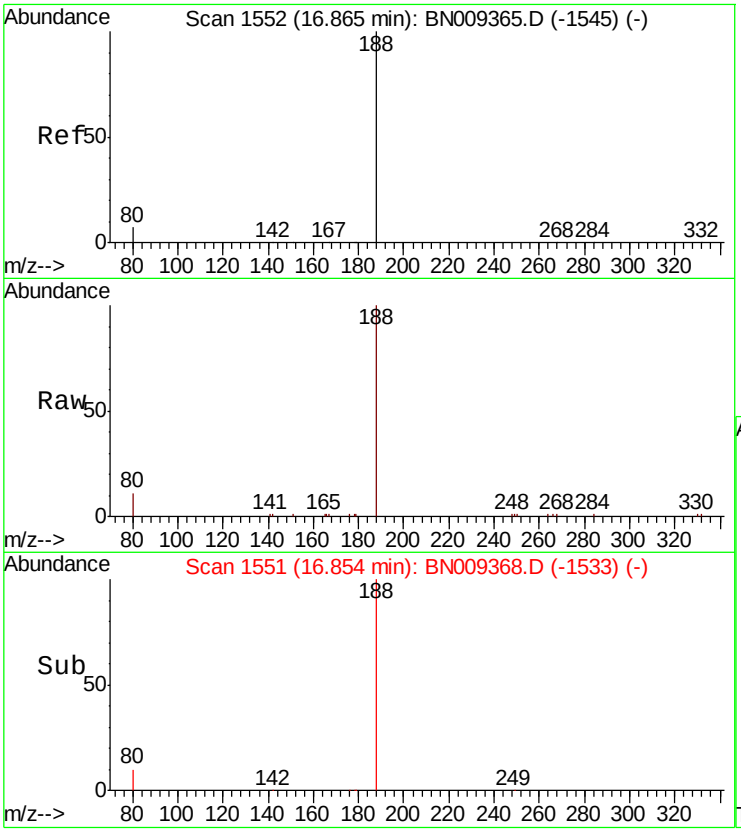


#18
Fluorene
Concen: 3.264 ng
RT: 15.16 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:166 Resp: 42130

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.2	117.2
167	13.5	11.0	16.6



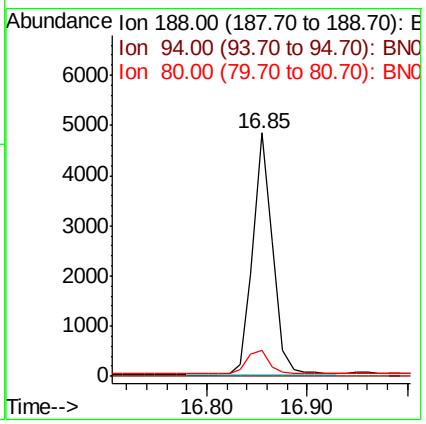


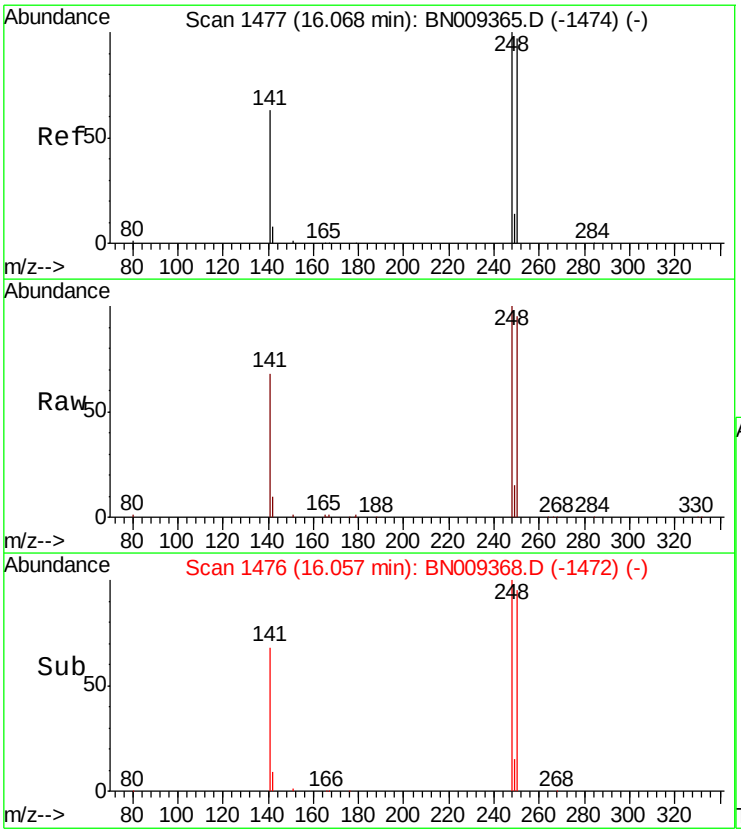
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 6577

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	6.6	10.0#

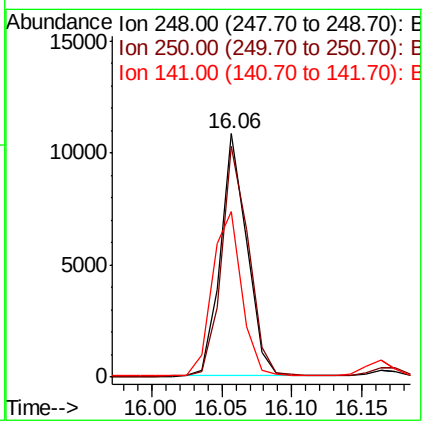


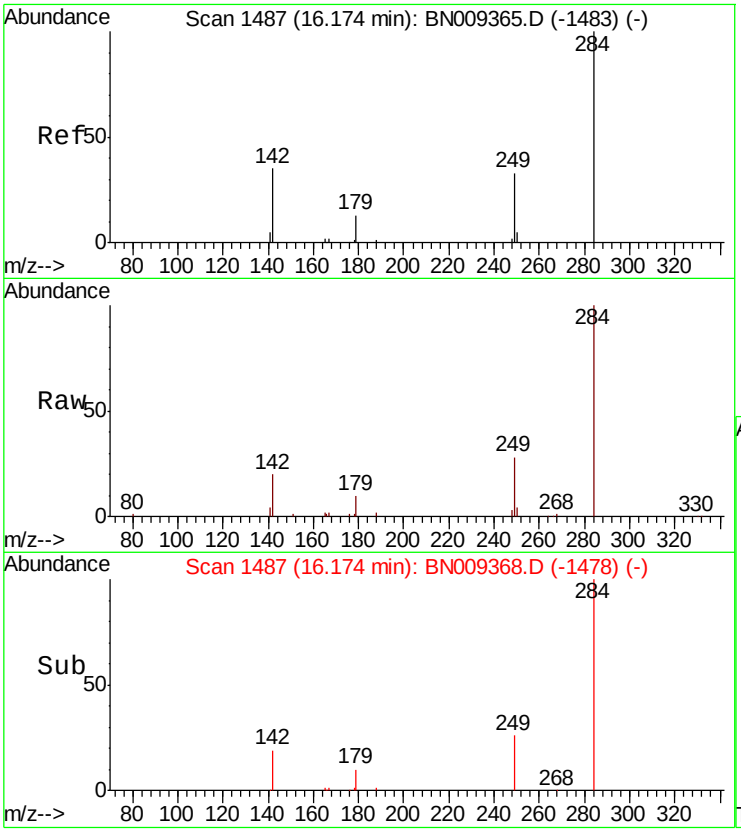


#20
4-Bromophenyl-phenylether
Concen: 3.610 ng
RT: 16.06 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:248 Resp: 14202

Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.8	116.8
141	68.1	53.4	80.0



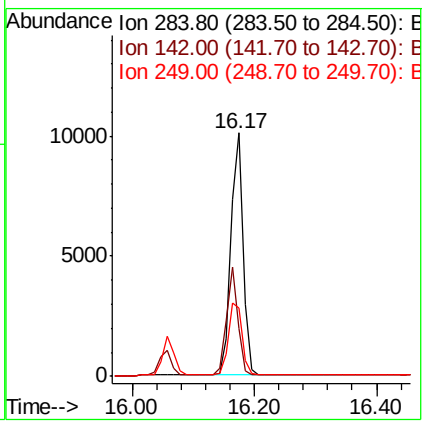


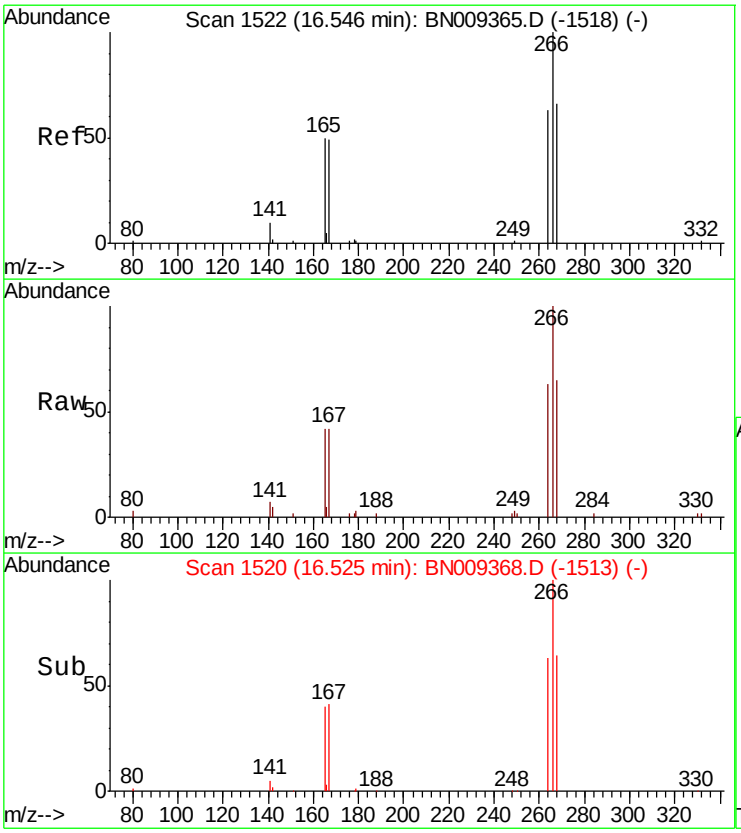
#21
Hexachlorobenzene
Concen: 3.175 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 14228

Ion	Ratio	Lower	Upper
284	100		
142	41.5	33.8	50.8
249	33.1	27.0	40.4

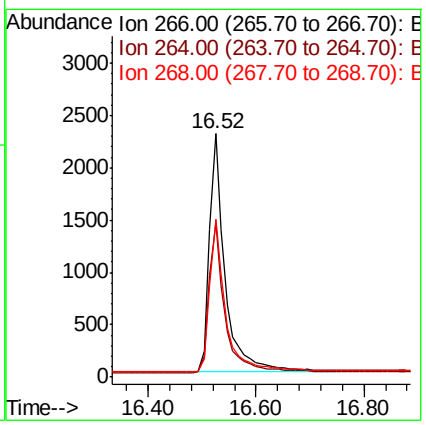


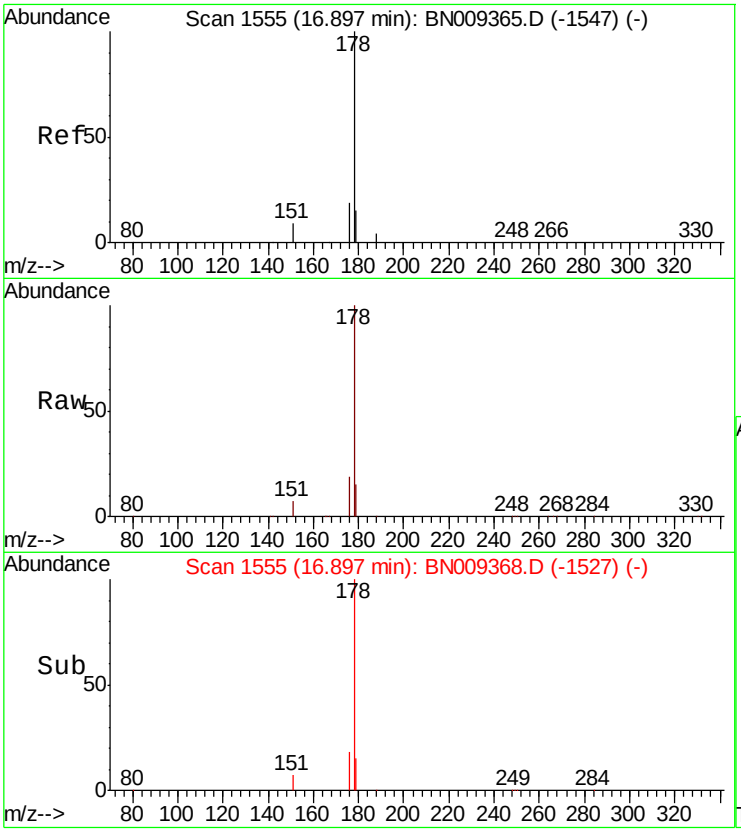


#22
Pentachlorophenol
Concen: 2.860 ng
RT: 16.52 min Scan# 1520
Delta R.T. -0.02 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:266 Resp: 4624

Ion	Ratio	Lower	Upper
266	100		
264	63.3	57.8	86.6
268	64.8	63.8	95.6



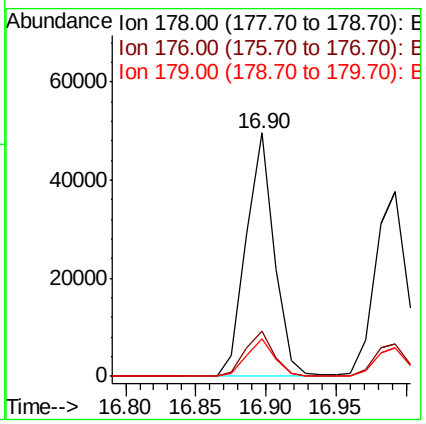


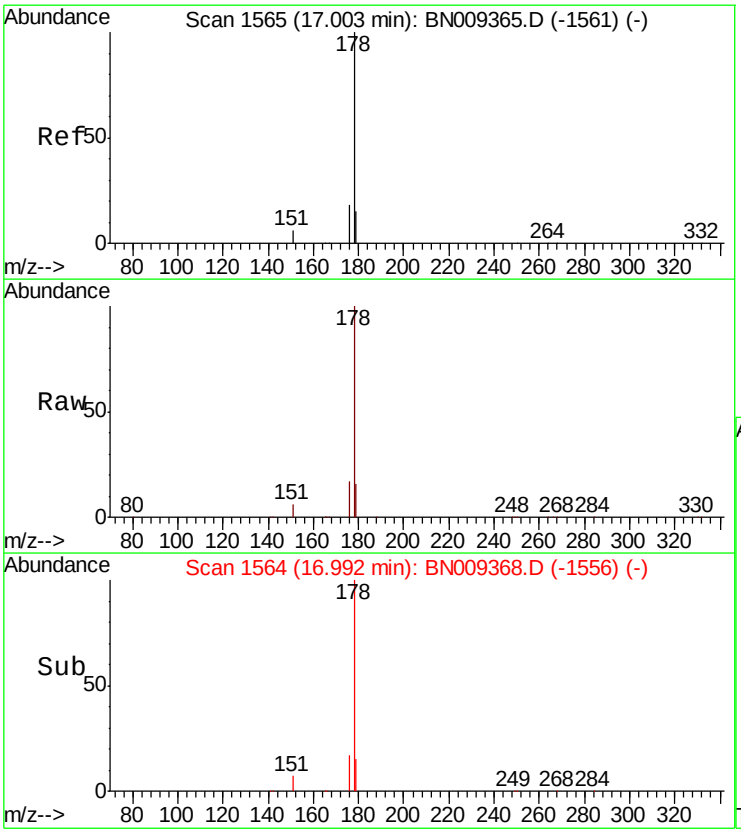
#23
Phenanthrene
Concen: 3.349 ng
RT: 16.90 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 69332

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.2	12.3	18.5

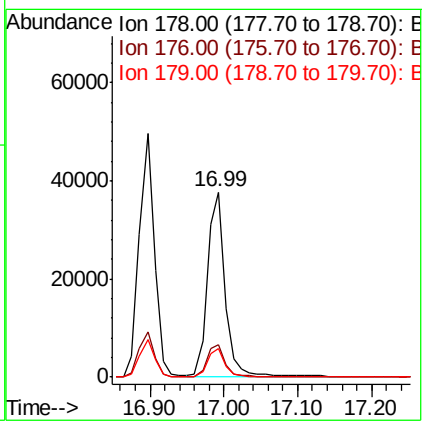


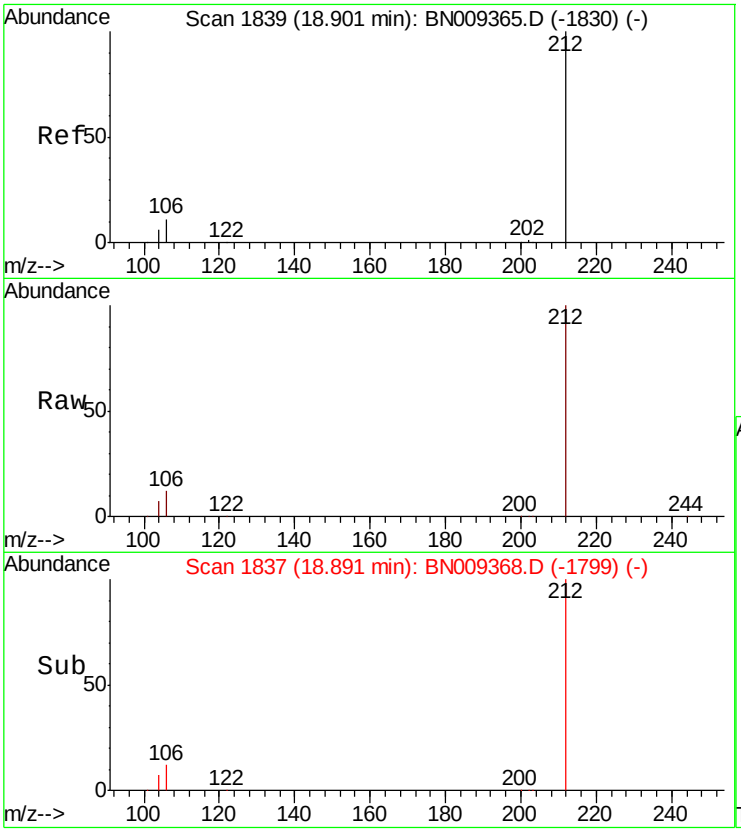


#24
Anthracene
Concen: 3.396 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:178 Resp: 61912

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.3	12.5	18.7



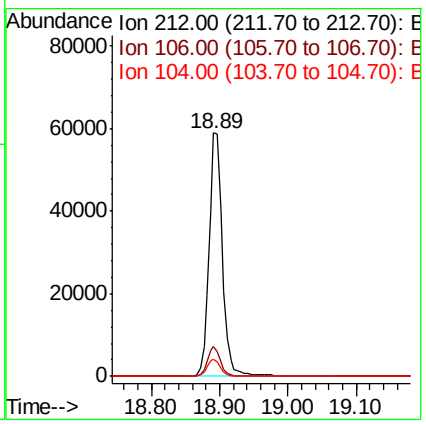


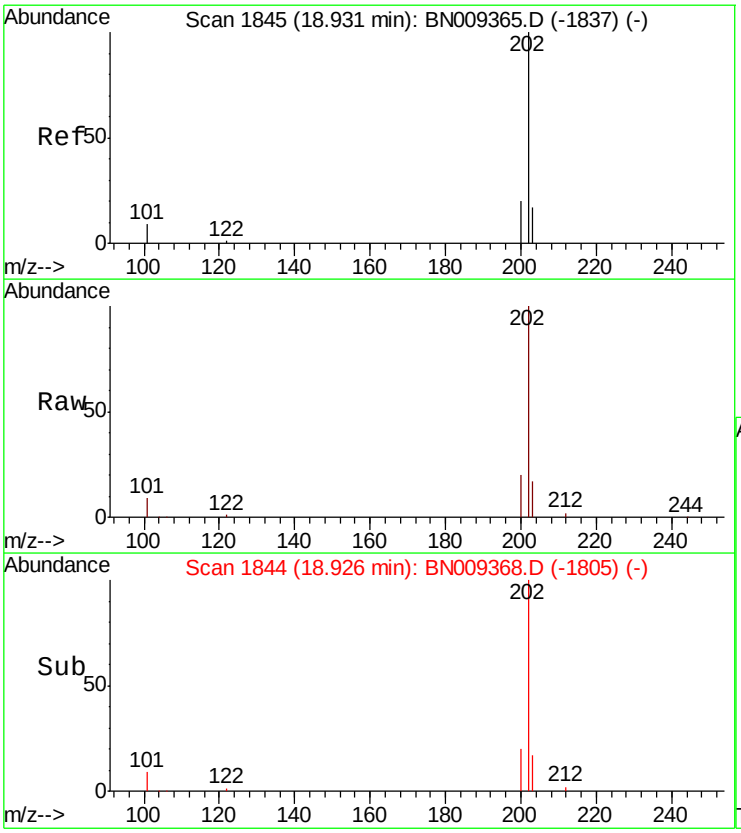
#25
Fluoranthene-d10
Concen: 4.020 ng
RT: 18.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 80009

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.2	13.8
104	6.8	5.4	8.0

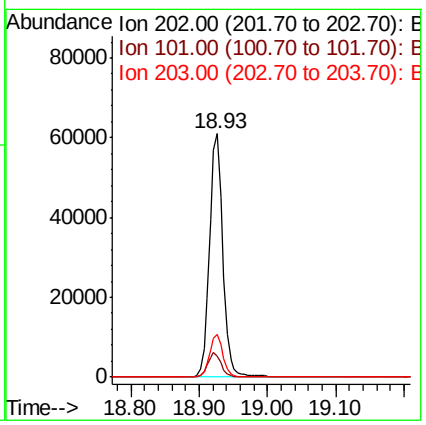


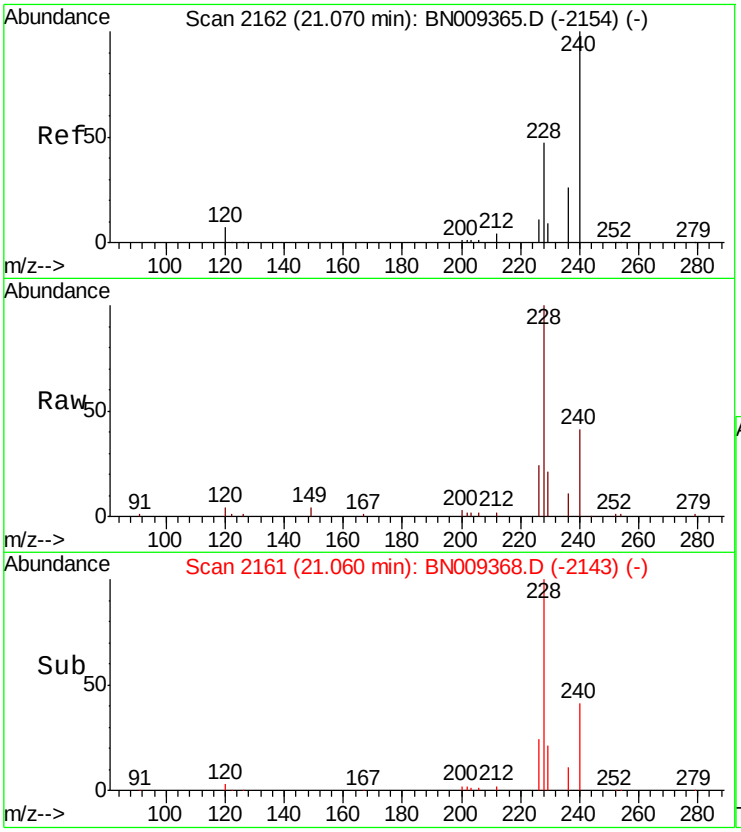


#26
Fluoranthene
Concen: 3.363 ng
RT: 18.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:202 Resp: 82824

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.0	12.0
203	17.3	13.5	20.3



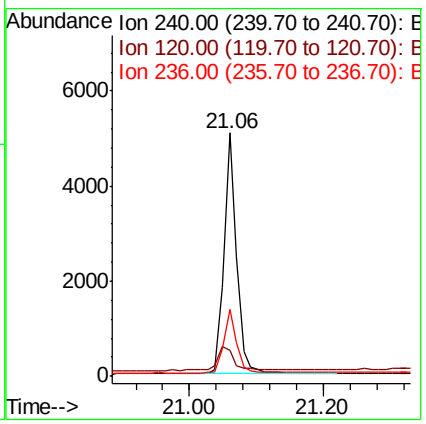


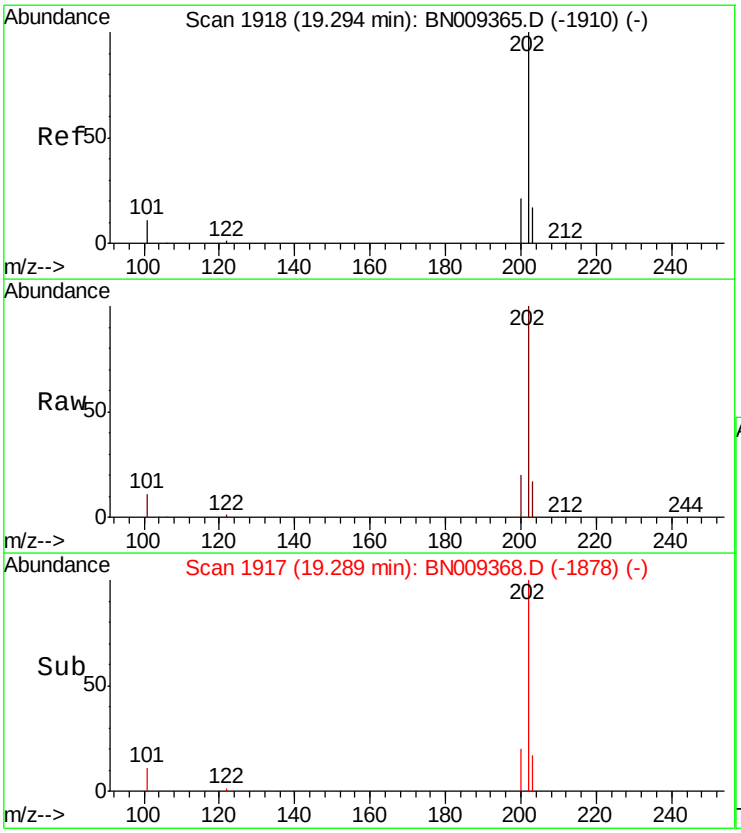
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 6613

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	27.6	22.2	33.4

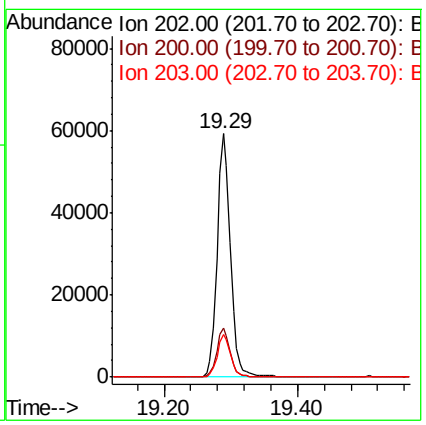


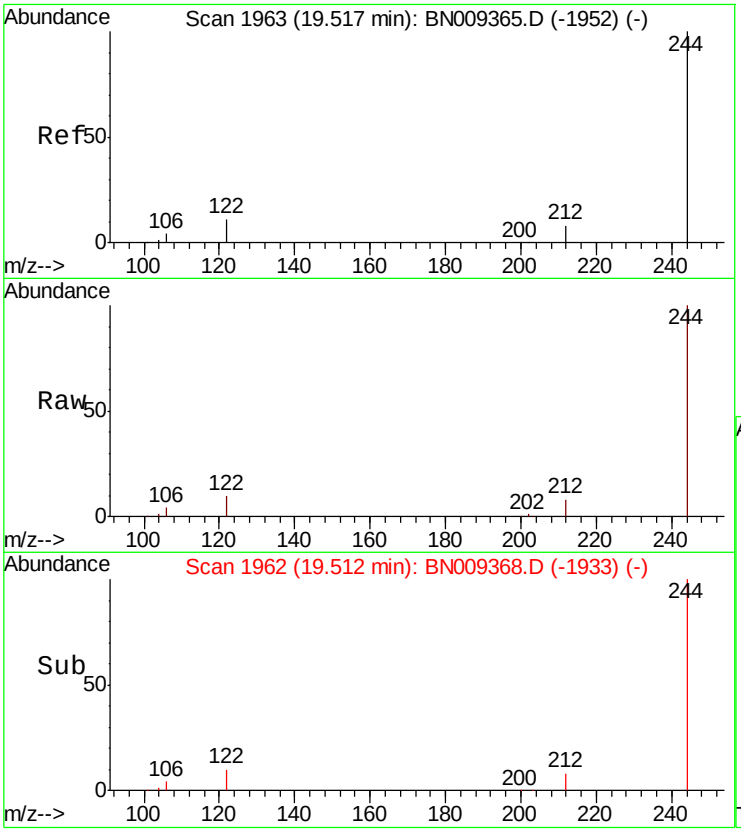


#28
Pyrene
Concen: 3.501 ng
RT: 19.29 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:202 Resp: 81136

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.3	14.1	21.1



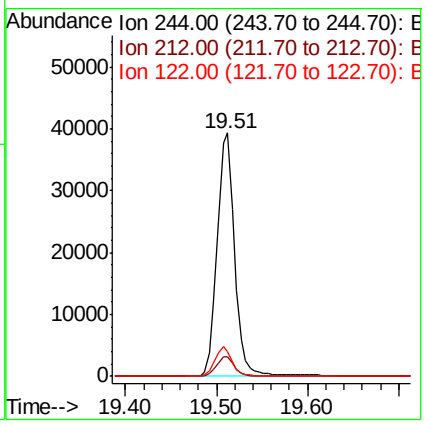


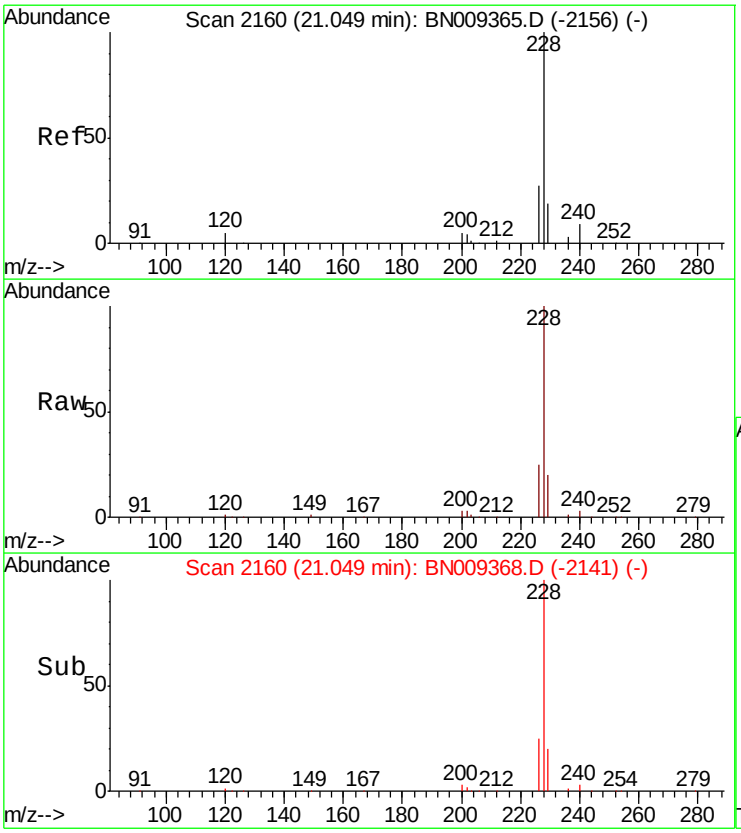
#29
Terphenyl-d14
Concen: 3.432 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 51789

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.5	11.3
122	10.4	9.8	14.6

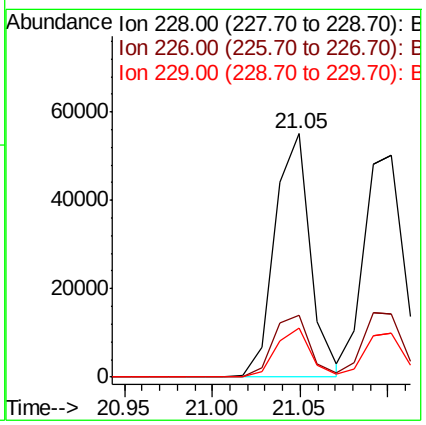


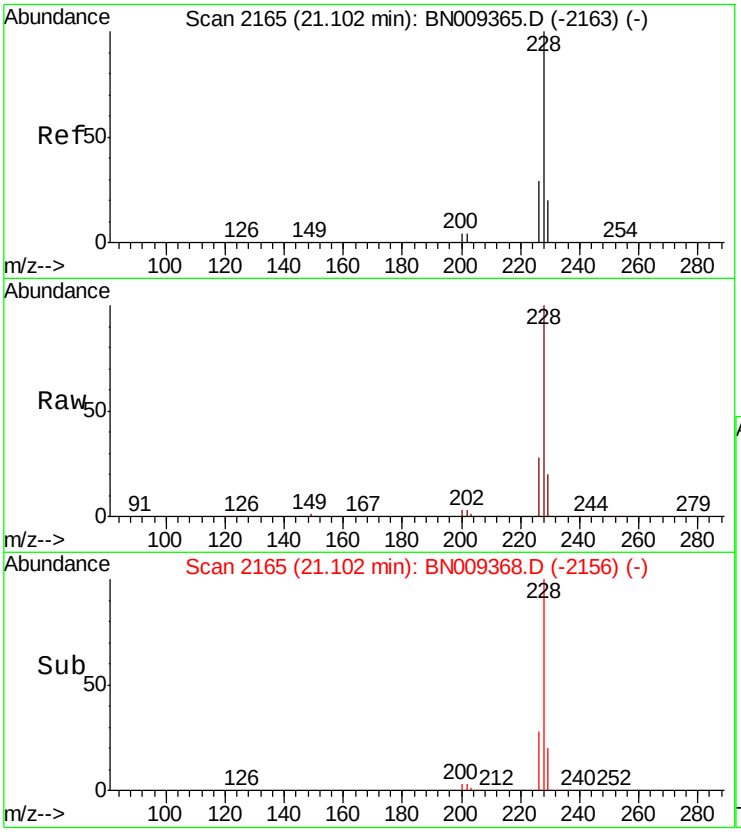


#30
Benzo(a)anthracene
Concen: 3.307 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:228 Resp: 77535

Ion	Ratio	Lower	Upper
228	100		
226	25.3	22.5	33.7
229	20.0	16.1	24.1



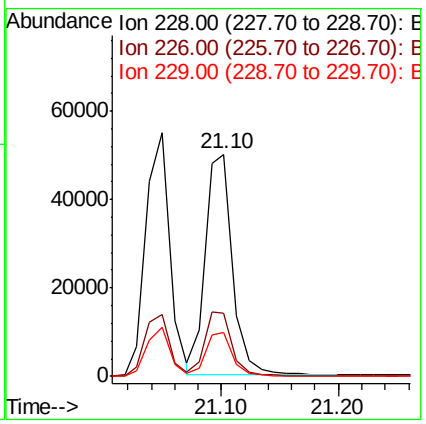


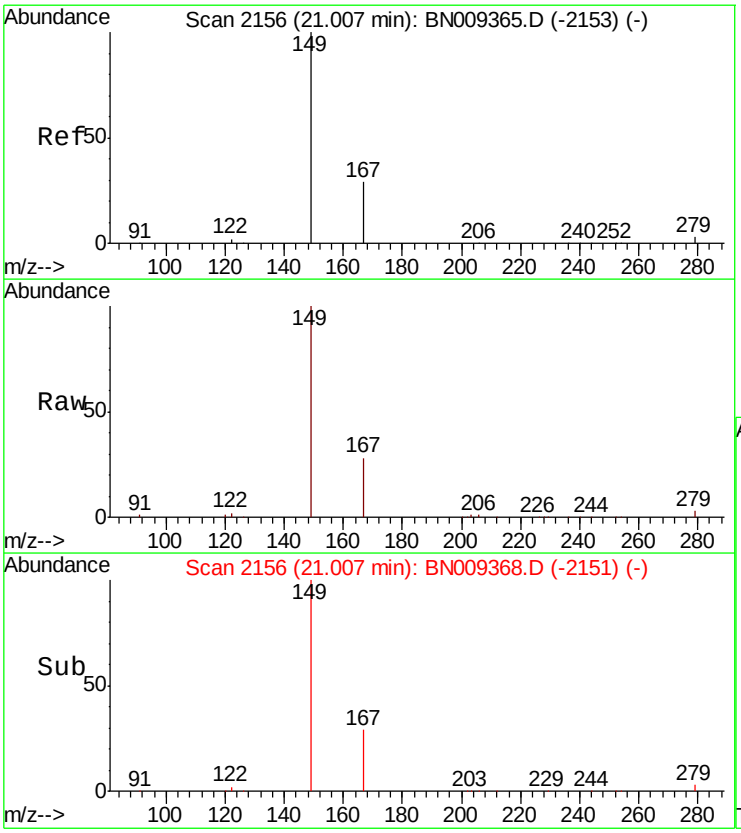
#31
Chrysene
Concen: 3.341 ng
RT: 21.10 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 81192

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.8	35.8
229	20.0	16.6	24.8

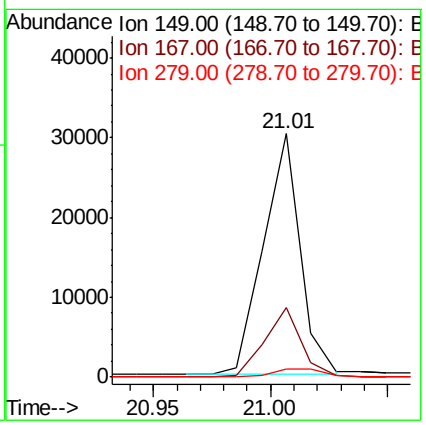


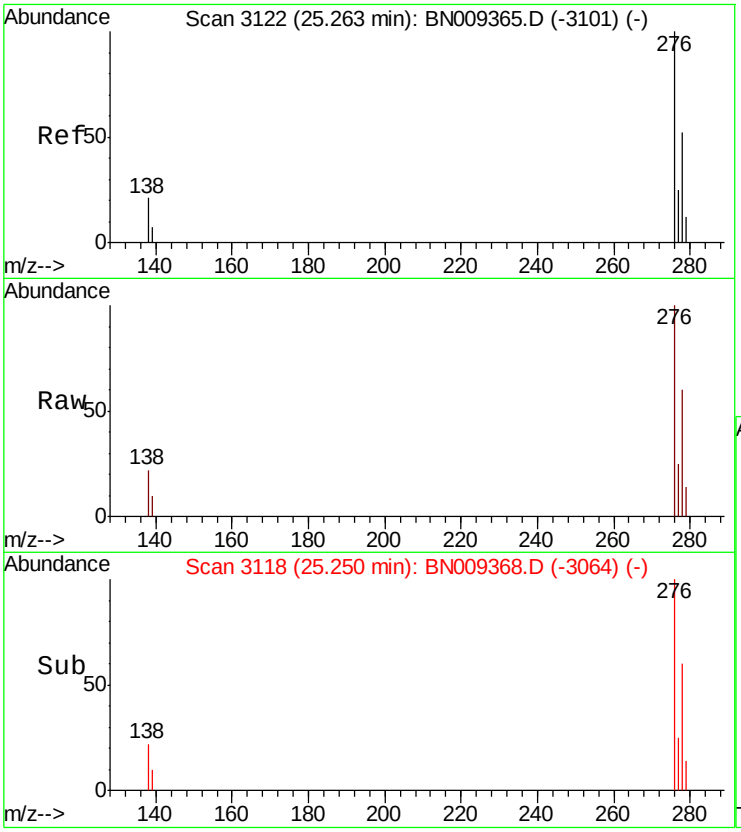


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.002 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:149 Resp: 32961

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.9	34.3
279	3.7	3.4	5.0



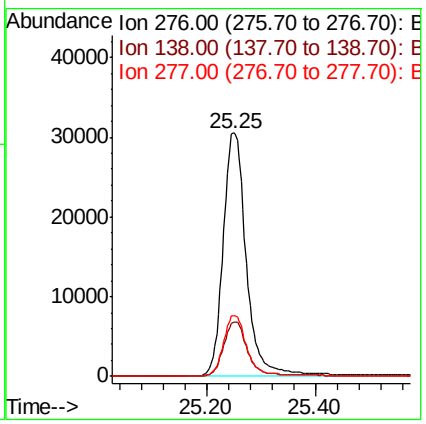


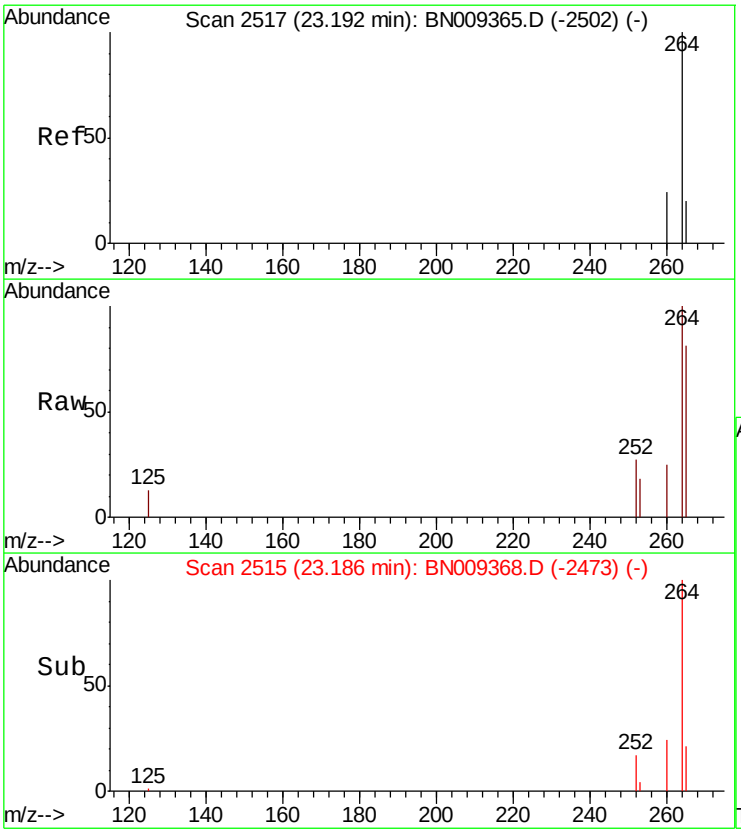
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.474 ng
RT: 25.25 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 89392

Ion	Ratio	Lower	Upper
276	100		
138	23.0	15.9	23.9
277	25.0	19.8	29.6

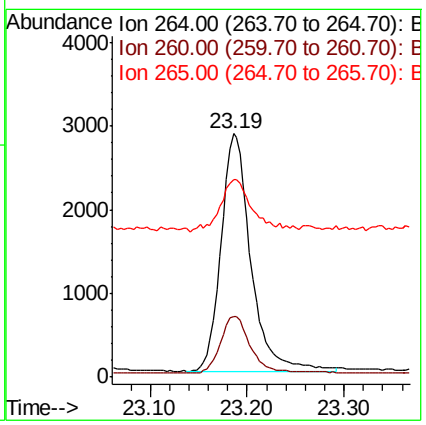


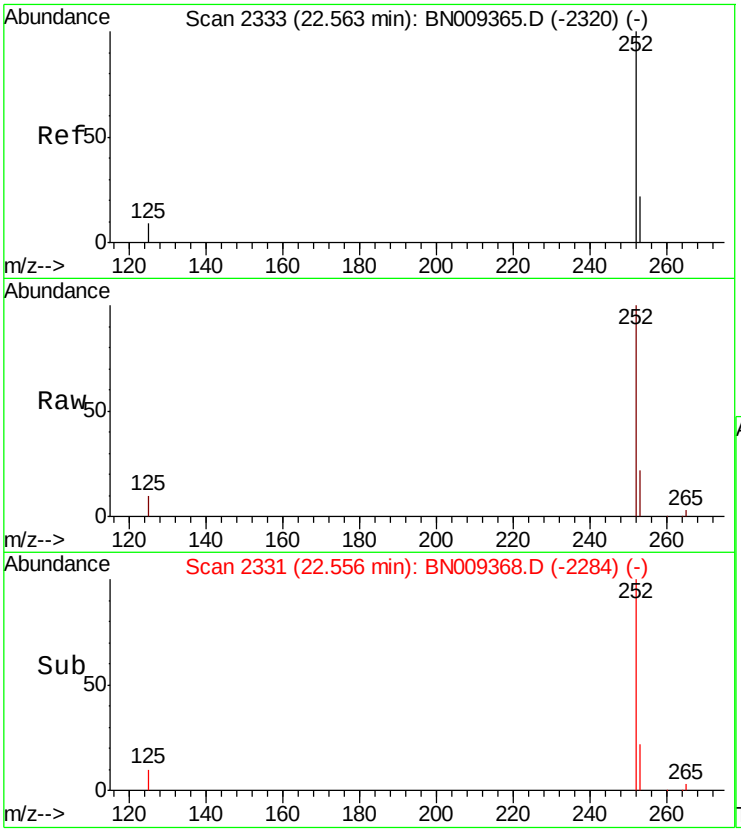


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:264 Resp: 6054

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	81.2	68.2	102.4



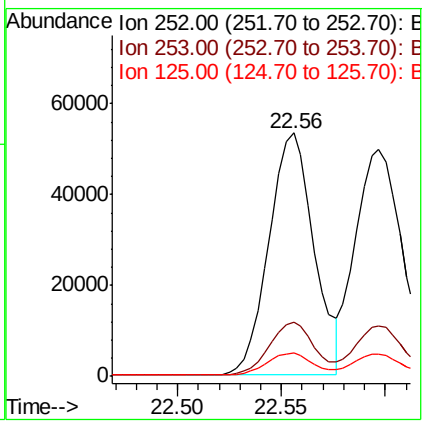


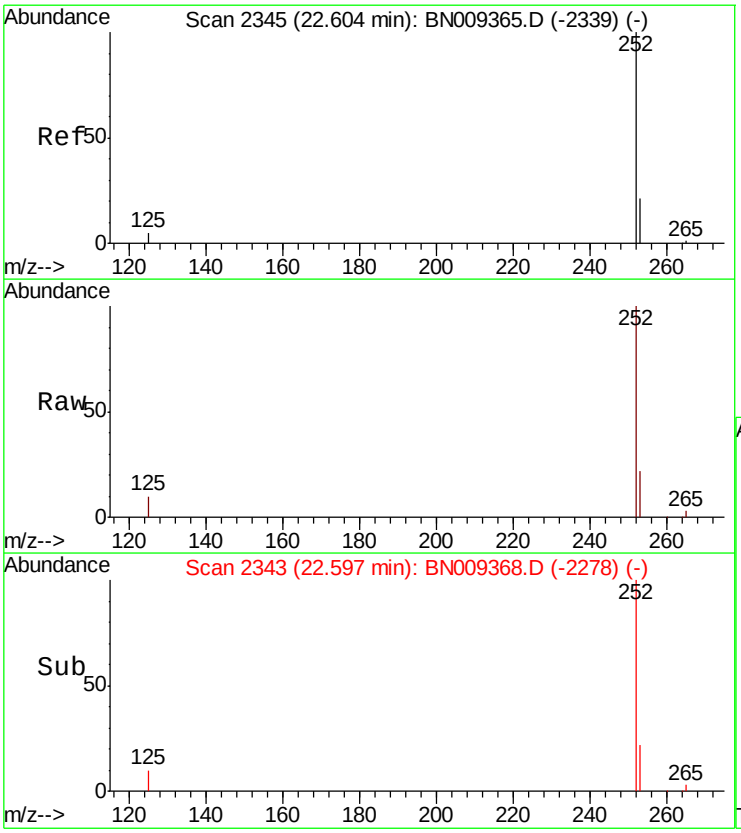
#35
Benzo(b)fluoranthene
Concen: 3.707 ng
RT: 22.56 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 80340

Ion	Ratio	Lower	Upper
252	100		
253	22.3	22.4	33.6#
125	9.6	11.6	17.4#

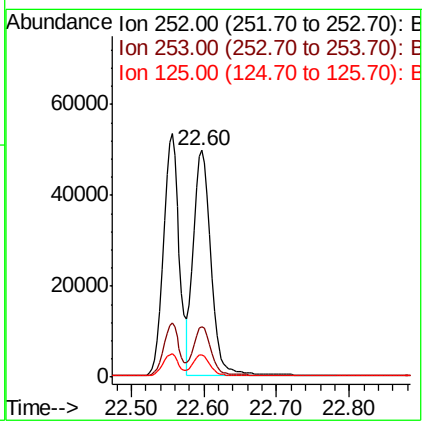


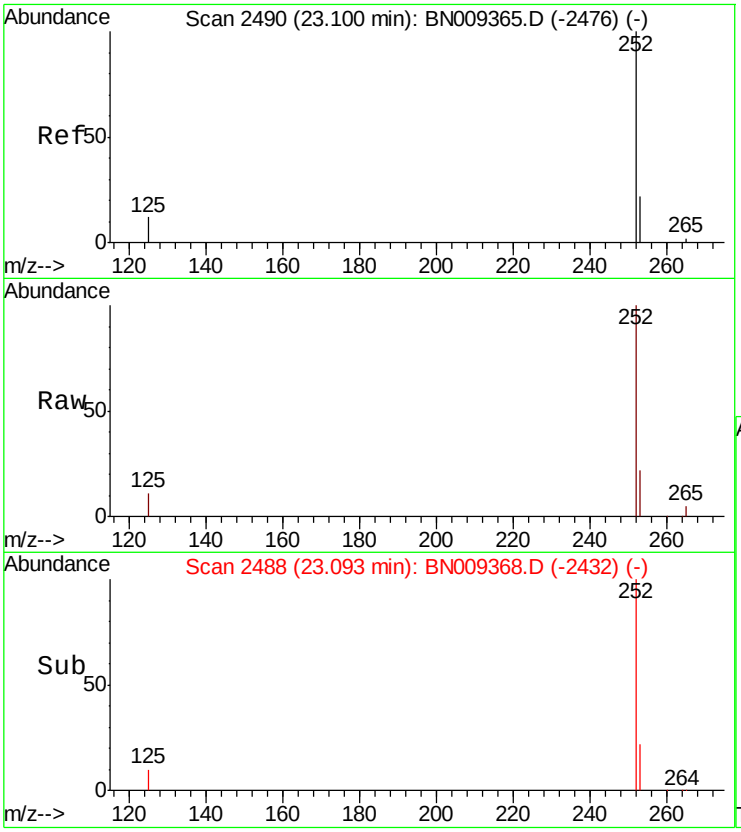


#36
Benzo(k)fluoranthene
Concen: 3.759 ng
RT: 22.60 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:252 Resp: 82009

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.9	32.9
125	9.6	12.0	18.0#



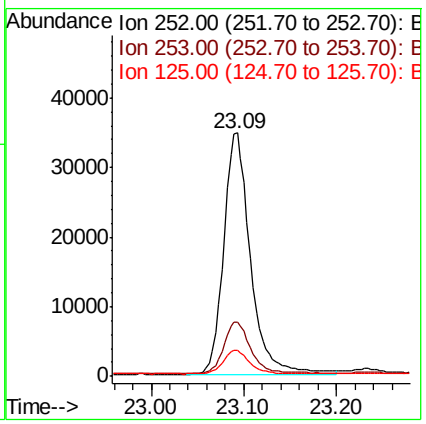


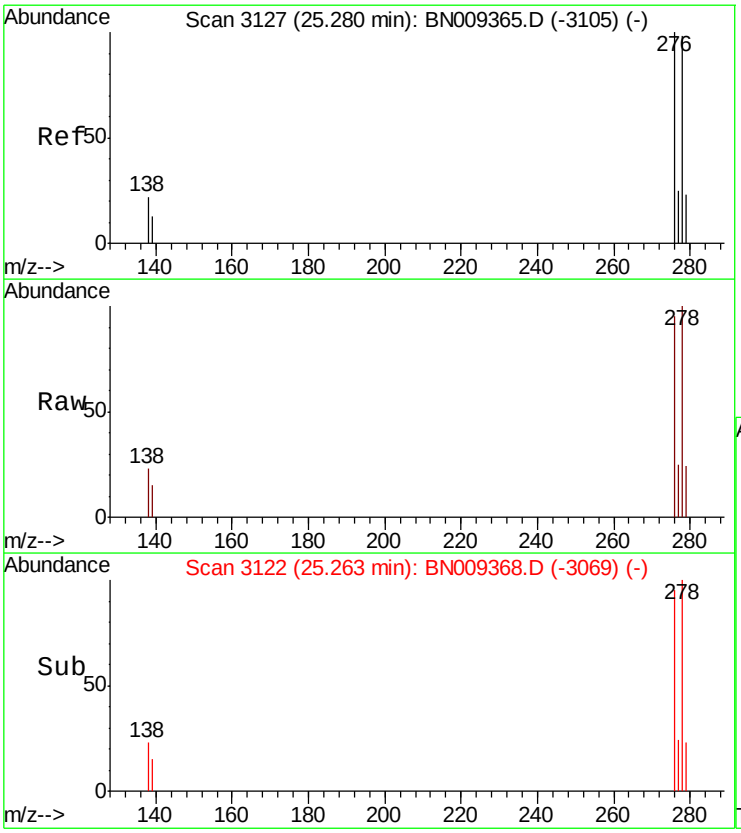
#37
Benzo(a)pyrene
Concen: 3.573 ng
RT: 23.09 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 69556

Ion	Ratio	Lower	Upper
252	100		
253	22.5	25.4	38.0#
125	10.7	16.2	24.2#

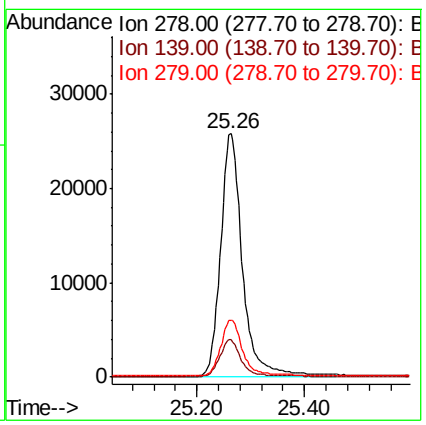


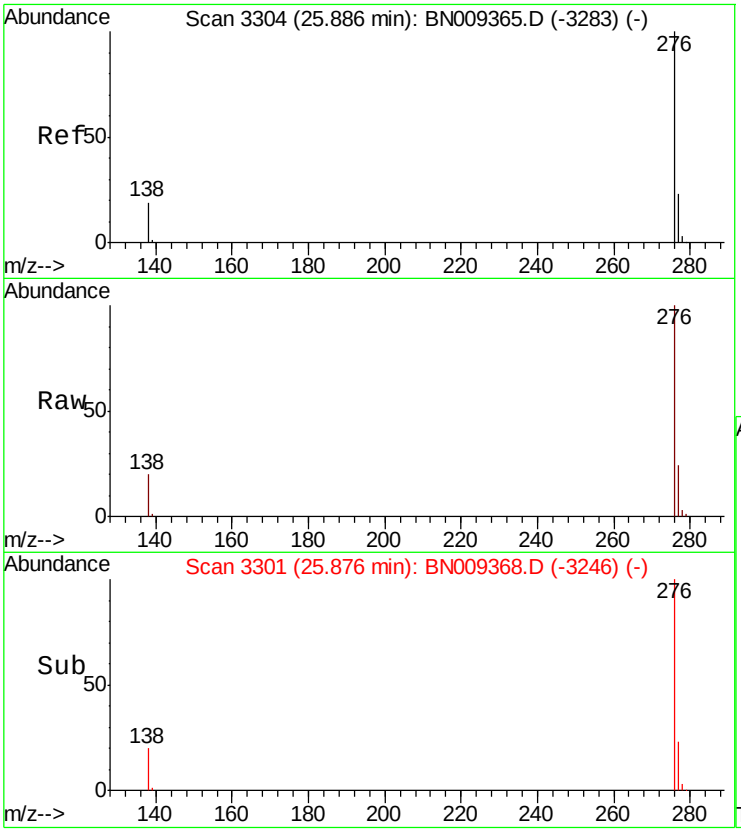


#38
Dibenzo(a,h)anthracene
Concen: 3.981 ng
RT: 25.26 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Tgt Ion:278 Resp: 72675

Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.5	21.7
279	23.5	24.2	36.4#





#39
Benzo(g,h,i)perylene
Concen: 4.136 ng
RT: 25.88 min Scan# 3301
Delta R.T. -0.01 min
Lab File: BN009368.D
Acq: 13 Jan 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 74534

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.6	30.8
138	19.8	17.1	25.7