Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
Data File : BN009366.D
Acq On : 13 Jan 2020 16:18
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jan 13 16:57:19 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	1339	0.40	ng		0.00
7) Naphthalene-d8	10.23	136	4740	0.40	ng		0.00
13) Acenaphthene-d10	14.11	164	2904	0.40	ng		0.00
19) Phenanthrene-d10	16.85	188	6188	0.40	ng		-0.01
27) Chrysene-d12	21.07	240	5705	0.40	ng		0.00
34) Perylene-d12	23.19	264	5506	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	2520	0.74	ng		0.00
5) Phenol-d6	6.68	99	2990	0.64	ng		0.00
8) Nitrobenzene-d5	8.62	82	3112	0.77	ng		-0.01
11) 2-Methylnaphthalene-d10	11.83	152	7428	0.92	ng		0.00
14) 2,4,6-Tribromophenol	15.61	330	841	0.60	ng		-0.01
15) 2-Fluorobiphenyl	12.73	172	9092	0.82	ng		0.00
25) Fluoranthene-d10	18.90	212	17008	0.91	ng		0.00
29) Terphenyl-d14	19.52	244	11116	0.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	1263	1.005	ng		95
3) n-Nitrosodimethylamine	3.46	42	1821	1.050	ng	#	93
6) bis(2-Chloroethyl)ether	6.93	93	2912	0.656	ng		97
9) Naphthalene	10.28	128	10448	0.808	ng		98
10) Hexachlorobutadiene	10.57	225	2255	0.911	ng	#	98
12) 2-Methylnaphthalene	11.90	142	7241	0.752	ng		99
16) Acenaphthylene	13.82	152	10010	0.754	ng		100
17) Acenaphthene	14.16	154	7118	0.807	ng		99
18) Fluorene	15.17	166	9295	0.784	ng		98
20) 4-Bromophenyl-phenylether	16.06	248	3115	0.842	ng	#	83
21) Hexachlorobenzene	16.17	284	3233	0.767	ng		100
22) Pentachlorophenol	16.54	266	851	0.560	ng		95
23) Phenanthrene	16.90	178	15188	0.780	ng		100
24) Anthracene	16.99	178	12664	0.738	ng		100
26) Fluoranthene	18.93	202	17657	0.762	ng		99
28) Pyrene	19.29	202	17510	0.876	ng		100
30) Benzo(a)anthracene	21.05	228	15279	0.755	ng		98
31) Chrysene	21.10	228	17186	0.820	ng		99
32) Bis(2-ethylhexyl)phthalate	21.01	149	6466	0.683	ng		99
33) Indeno(1,2,3-cd)pyrene	25.26	276	18351	0.827	ng		97
35) Benzo(b)fluoranthene	22.56	252	16482	0.836	ng		94
36) Benzo(k)fluoranthene	22.60	252	18163	0.915	ng	#	93
37) Benzo(a)pyrene	23.10	252	14420	0.815	ng	#	89
38) Dibenzo(a,h)anthracene	25.27	278	14429	0.869	ng		93
39) Benzo(g,h,i)perylene	25.89	276	16186	0.988	ng		98

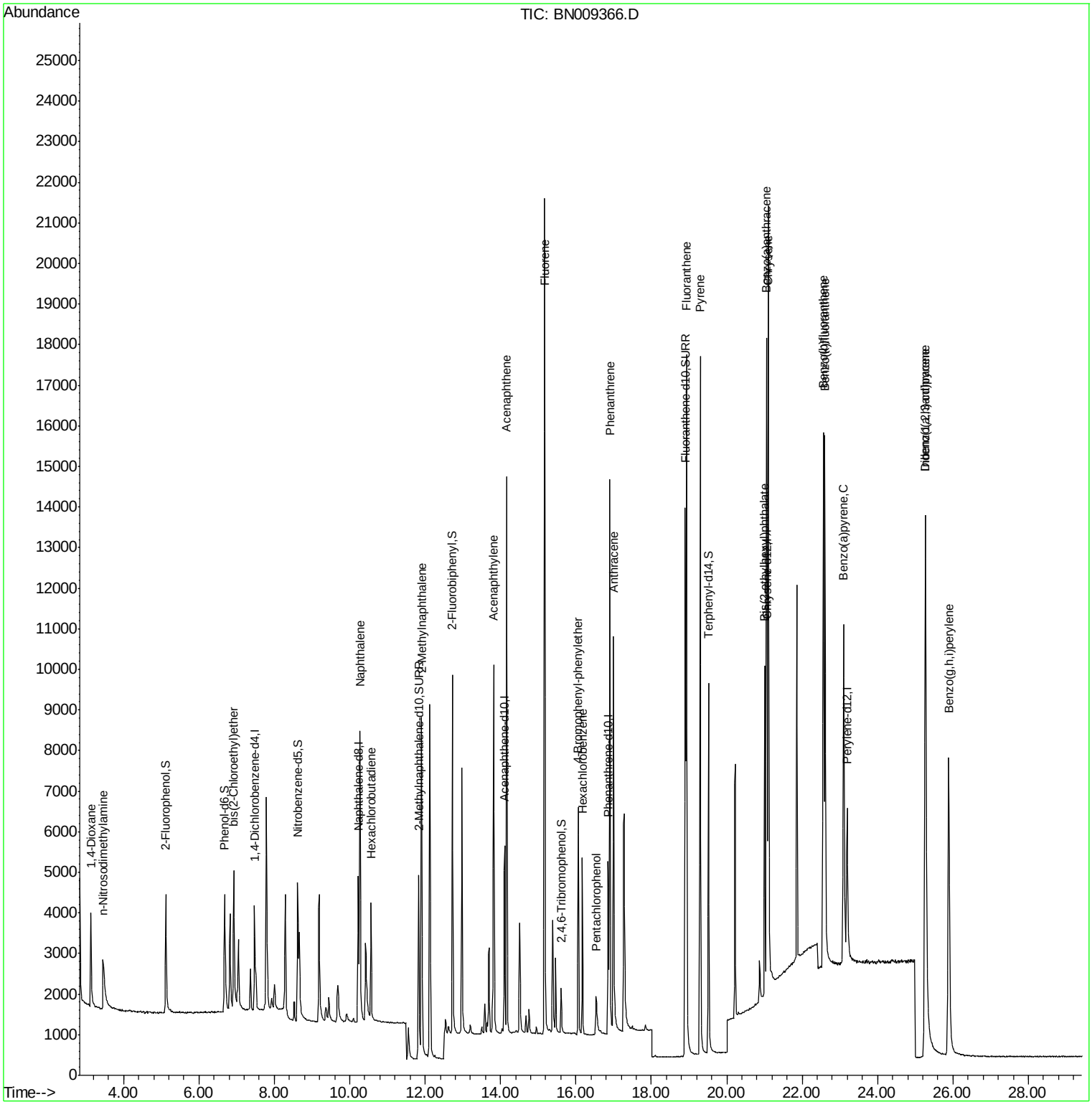
(#) = qualifier out of range (m) = manual integration (+) = signals summed

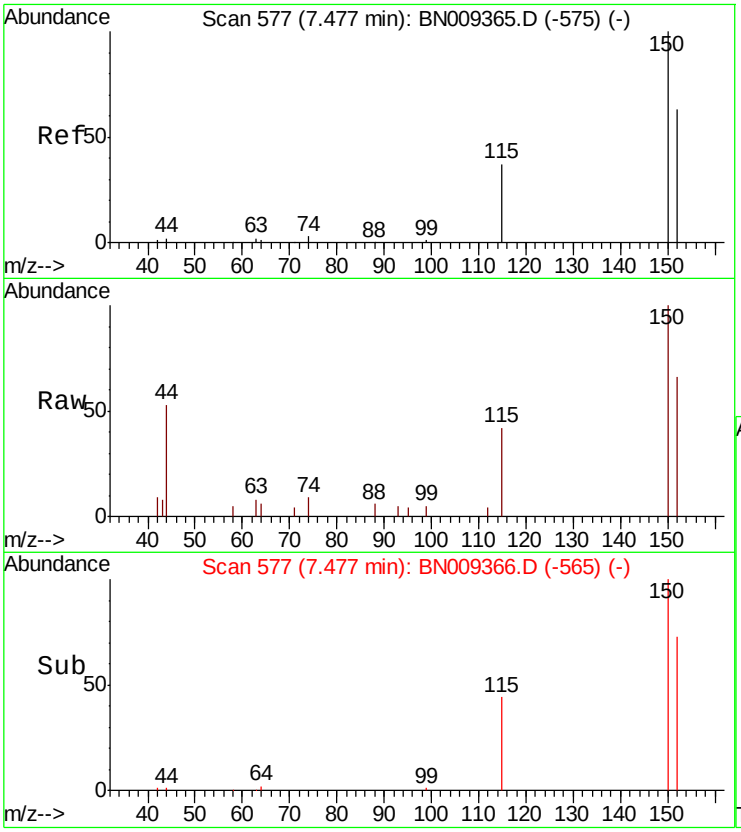
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
Data File : BN009366.D
Acq On : 13 Jan 2020 16:18
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jan 13 16:57:19 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



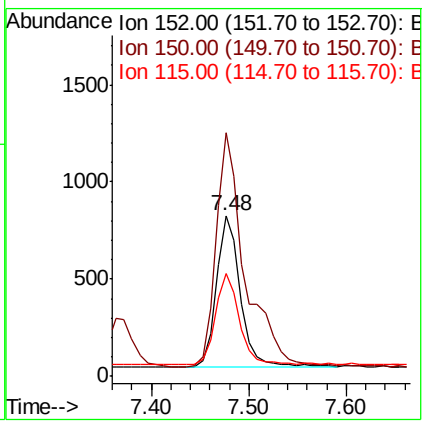


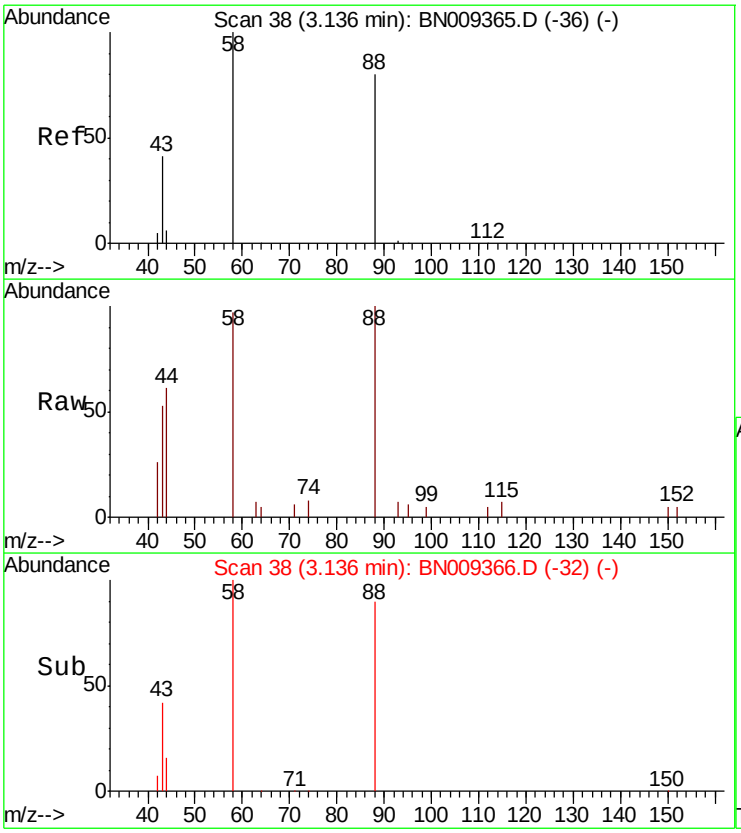
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1339

Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.7	188.5
115	64.1	53.3	79.9

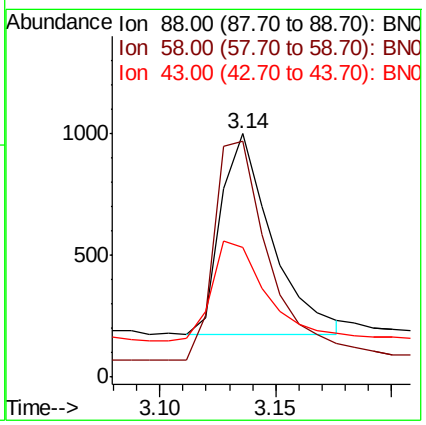


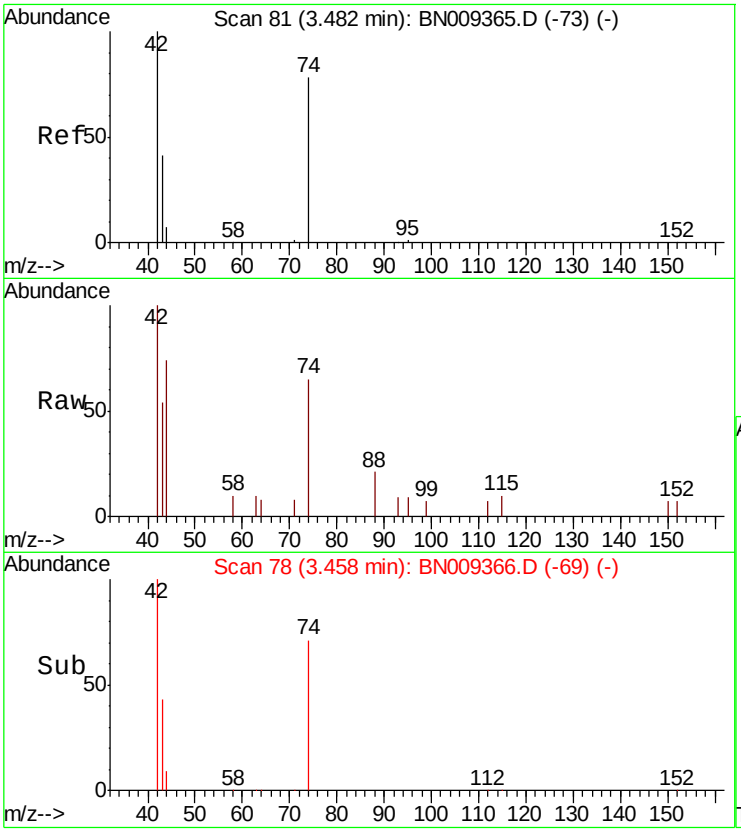


#2
1,4-Dioxane
Concen: 1.005 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion: 88 Resp: 1263

Ion	Ratio	Lower	Upper
88	100		
58	117.3	100.2	150.2
43	52.6	43.1	64.7



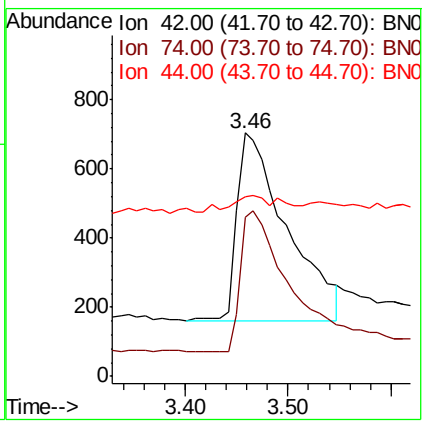


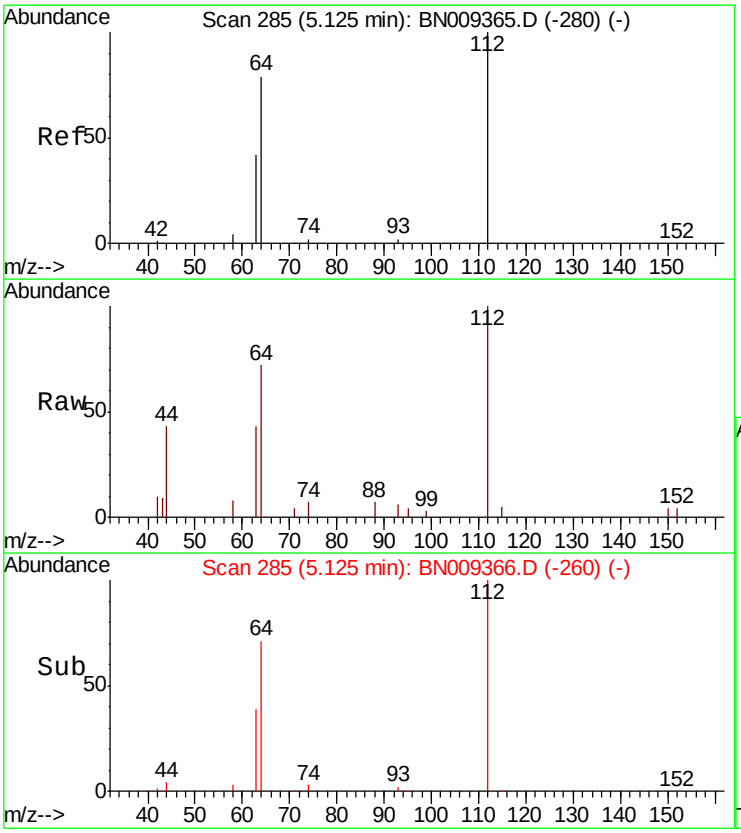
#3
n-Nitrosodimethylamine
Concen: 1.050 ng
RT: 3.46 min Scan# 78
Delta R.T. -0.02 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1821

Ion	Ratio	Lower	Upper
42	100		
74	73.5	55.8	83.8
44	6.3	11.1	16.7#

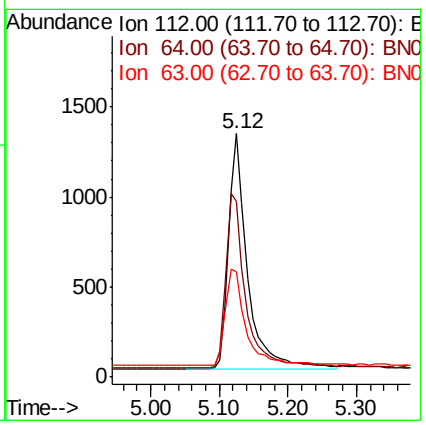


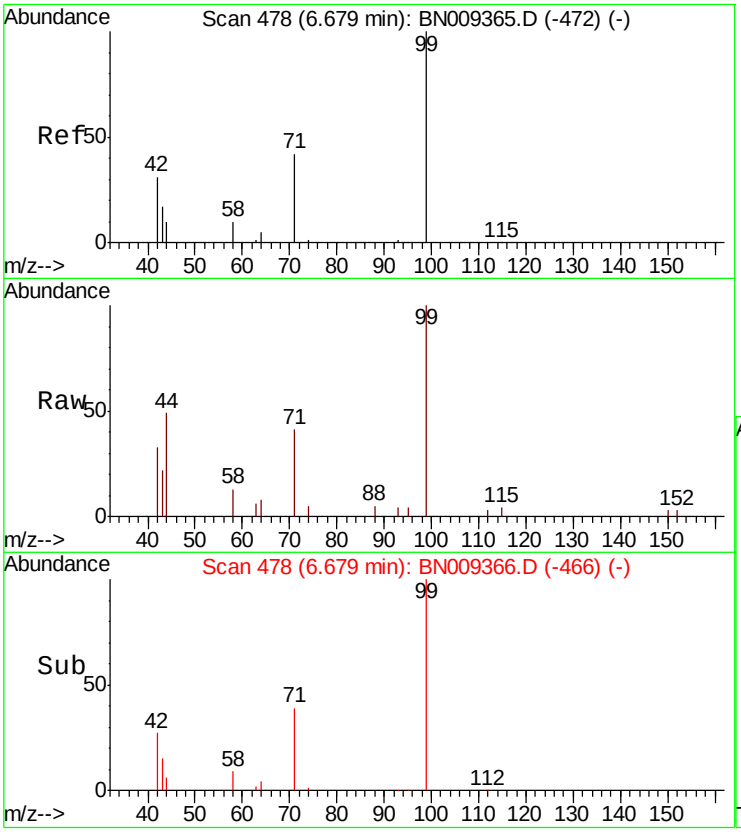


#4
2-Fluorophenol
Concen: 0.740 ng
RT: 5.12 min Scan# 285
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:112 Resp: 2520

Ion	Ratio	Lower	Upper
112	100		
64	77.5	61.5	92.3
63	44.4	35.0	52.4



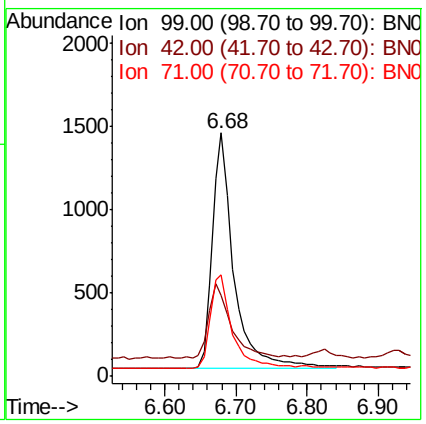


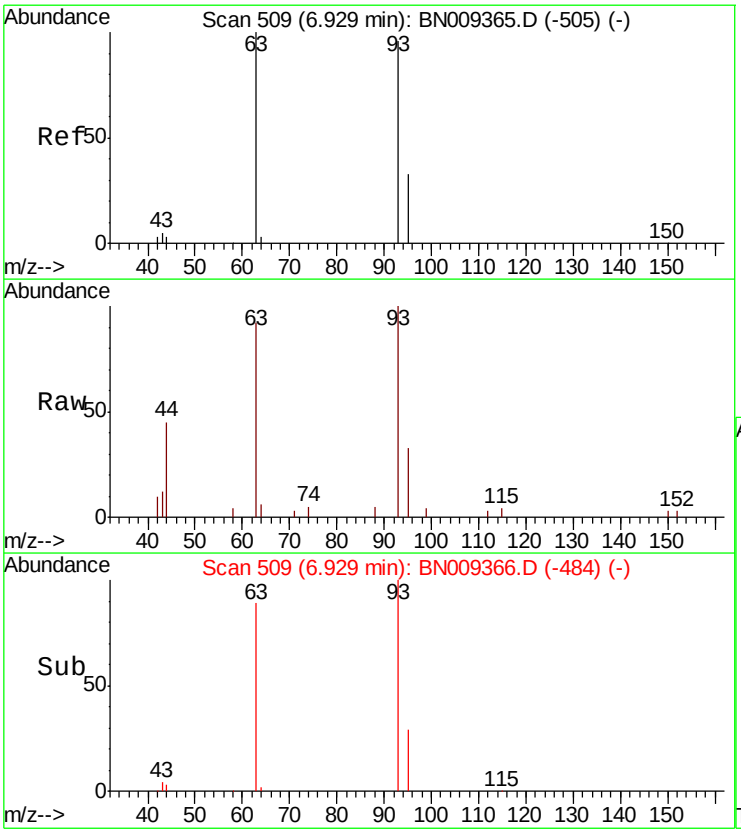
#5
Phenol-d6
Concen: 0.635 ng
RT: 6.68 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 2990

Ion	Ratio	Lower	Upper
99	100		
42	32.8	27.6	41.4
71	39.6	33.0	49.6

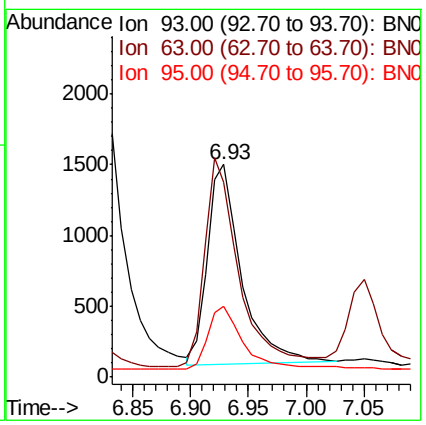


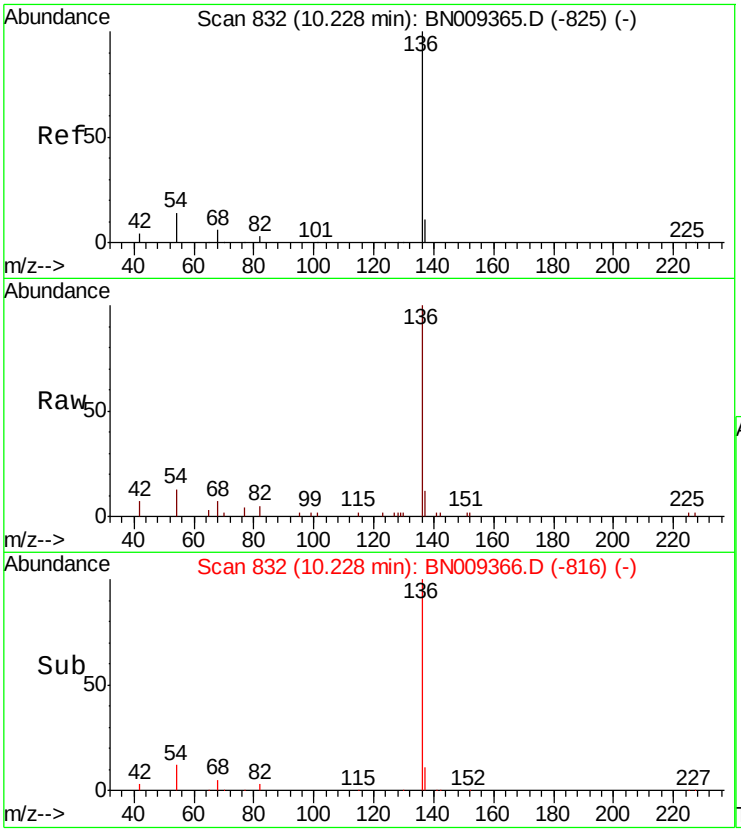


#6
bis(2-Chloroethyl)ether
Concen: 0.656 ng
RT: 6.93 min Scan# 509
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion: 93 Resp: 2912

Ion	Ratio	Lower	Upper
93	100		
63	104.4	85.1	127.7
95	34.5	30.2	45.4



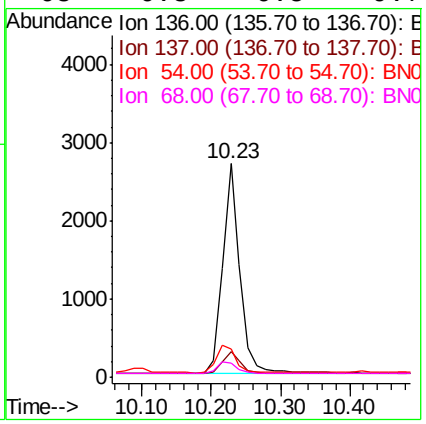


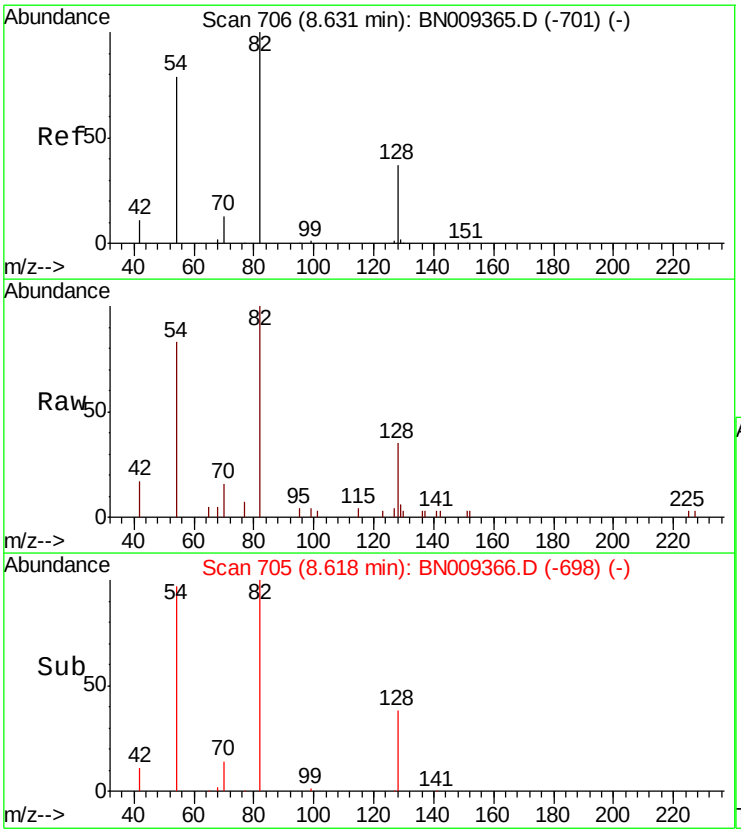
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 4740

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.3	15.5
54	13.4	12.6	19.0
68	6.8	6.5	9.7

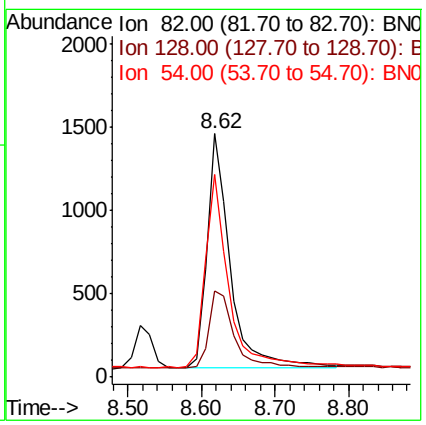


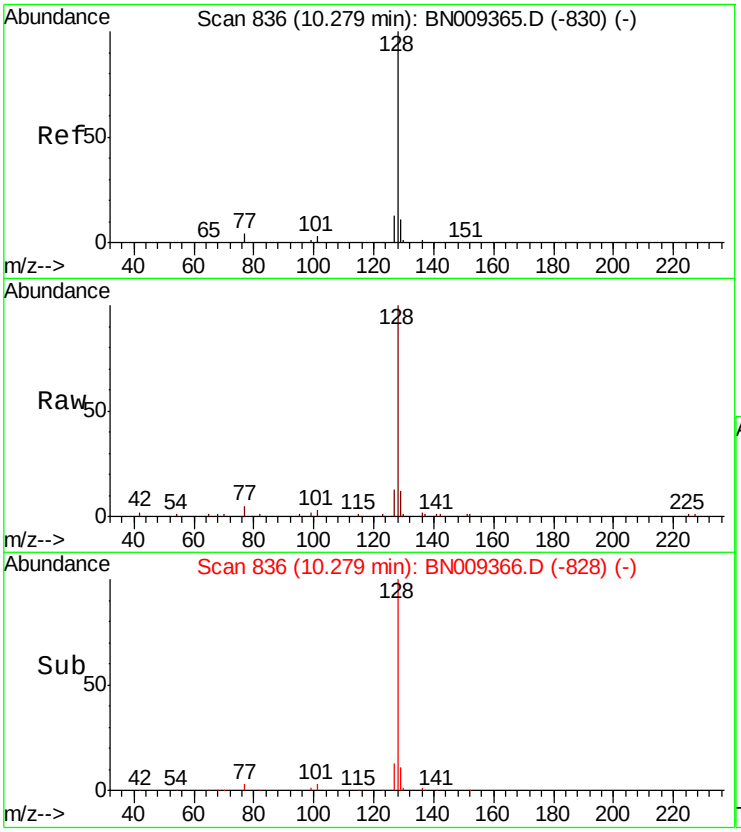


#8
Nitrobenzene-d5
Concen: 0.774 ng
RT: 8.62 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion: 82 Resp: 3112

Ion	Ratio	Lower	Upper
82	100		
128	35.2	34.8	52.2
54	83.5	65.8	98.6



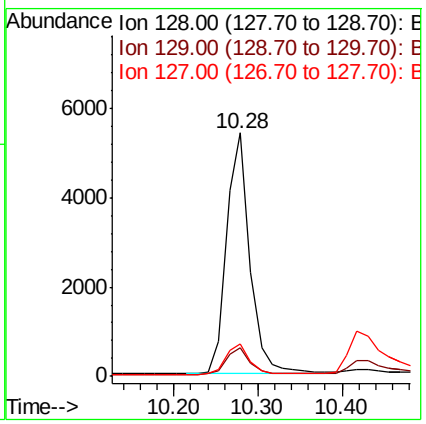


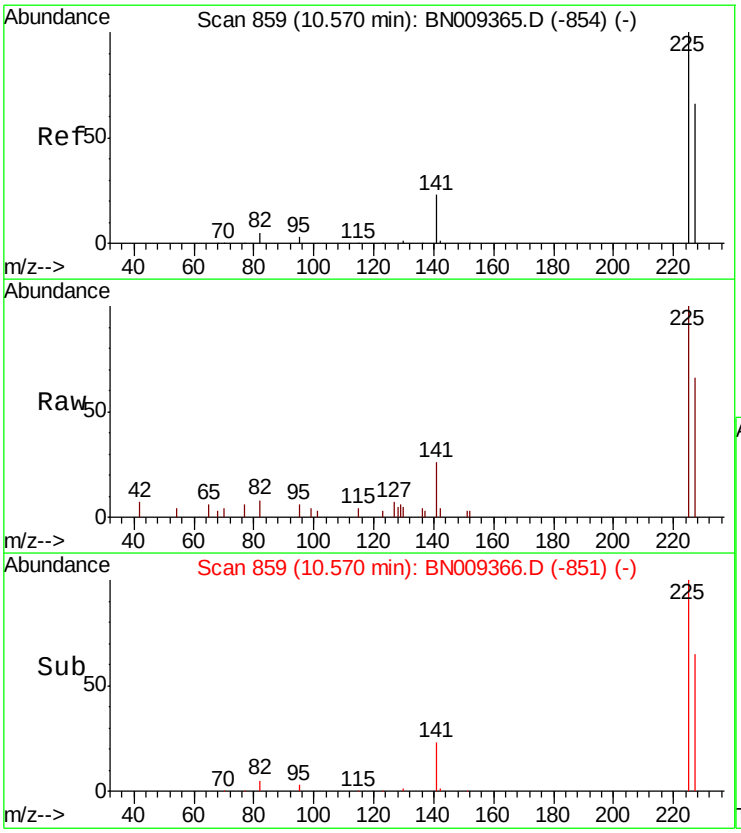
#9
Naphthalene
Concen: 0.808 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 10448

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.4	15.6
127	13.4	11.4	17.2

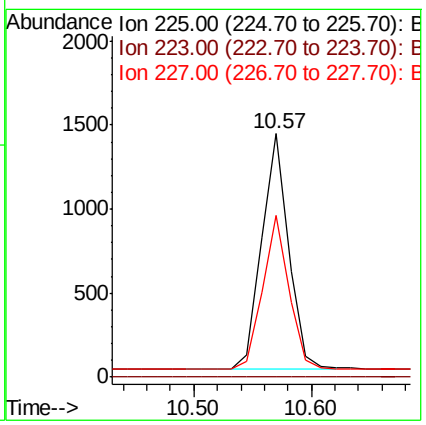


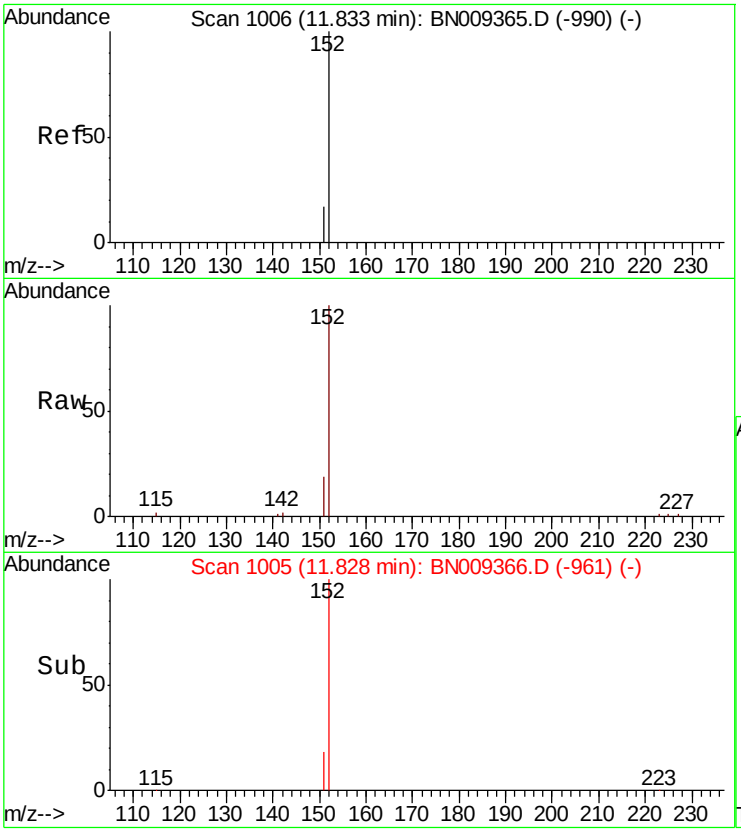


#10
Hexachlorobutadiene
Concen: 0.911 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:225 Resp: 2255

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	52.6	78.8



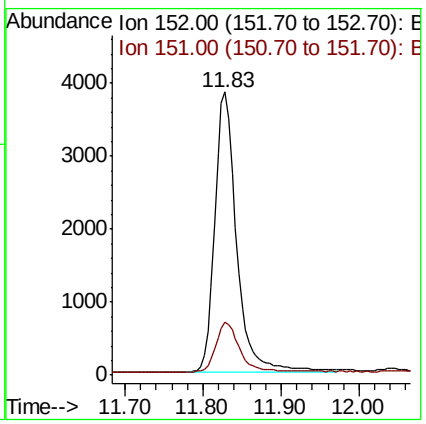


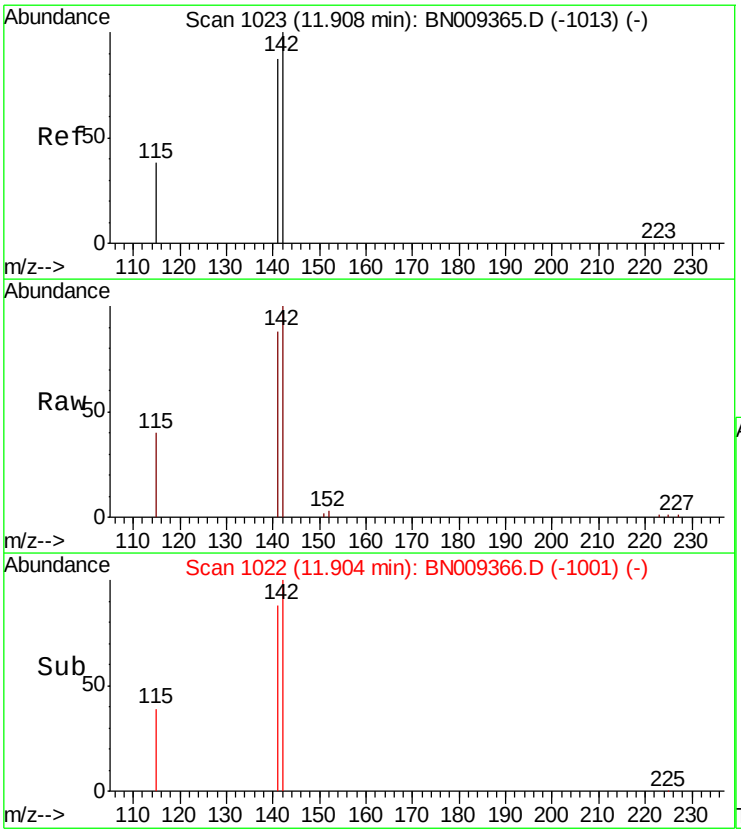
#11
2-Methylnaphthalene-d10
Concen: 0.916 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 7428

Ion	Ratio	Lower	Upper
152	100		
151	19.3	14.8	22.2

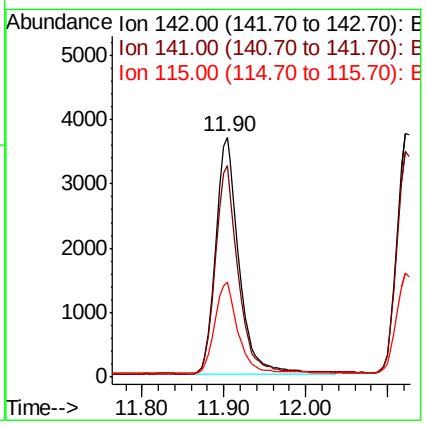


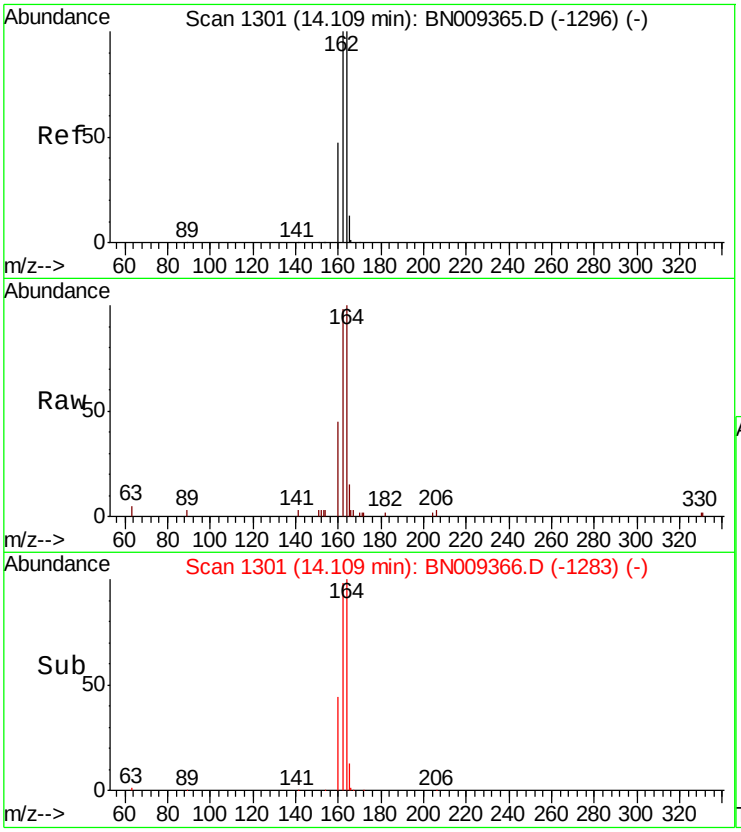


#12
2-Methylnaphthalene
Concen: 0.752 ng
RT: 11.90 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:142 Resp: 7241

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.8	104.6
115	39.7	32.5	48.7



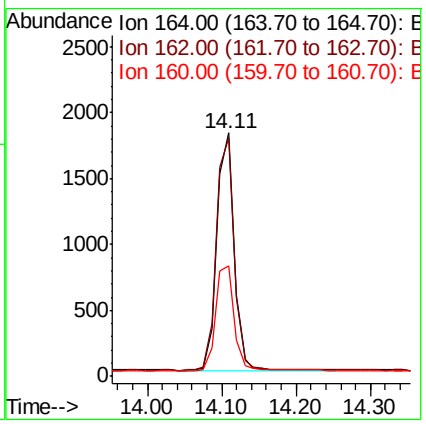


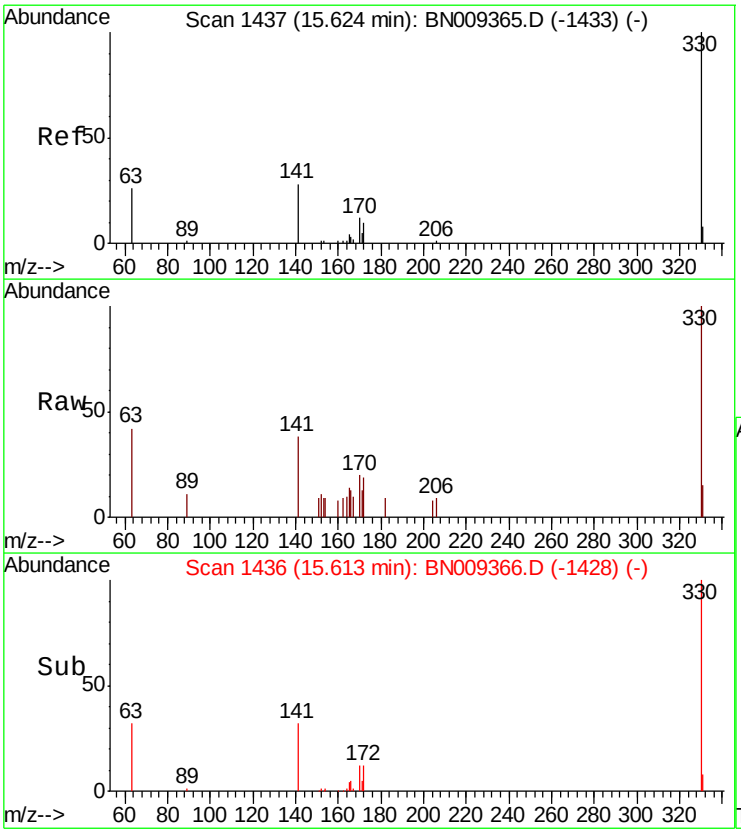
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 2904

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.8	119.6
160	45.2	38.4	57.6

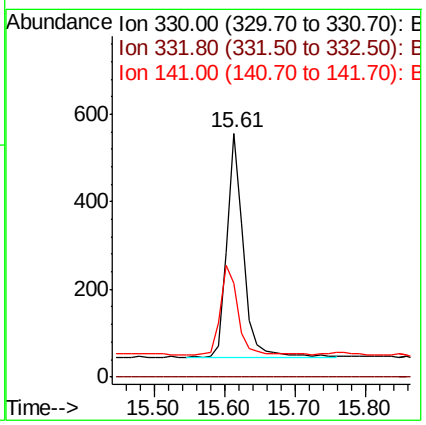


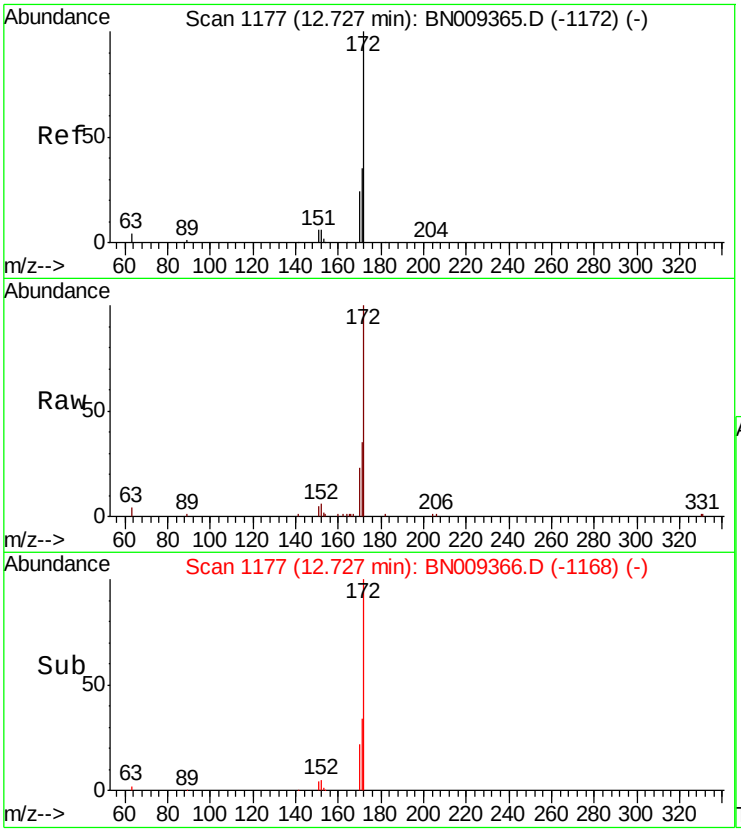


#14
2,4,6-Tribromophenol
Concen: 0.603 ng
RT: 15.61 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:330 Resp: 841

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.6	33.1	49.7



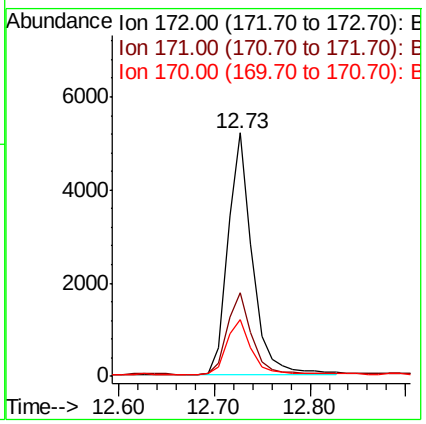


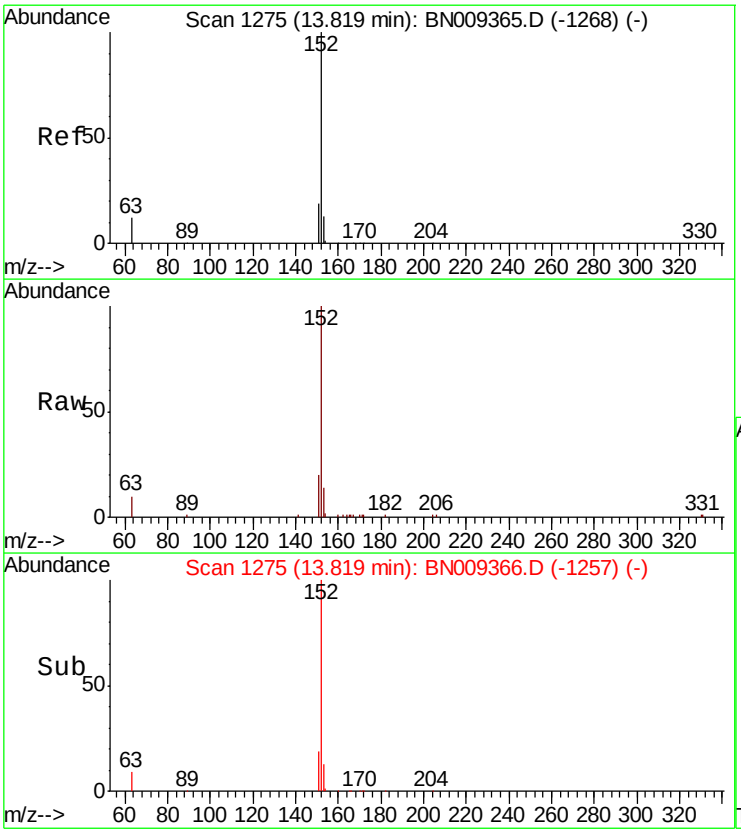
#15
2-Fluorobiphenyl
Concen: 0.824 ng
RT: 12.73 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 9092

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.5	44.3
170	23.2	20.7	31.1

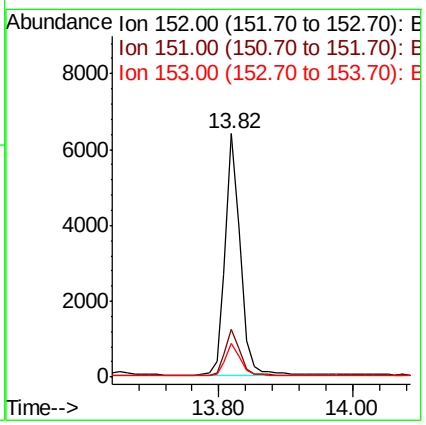


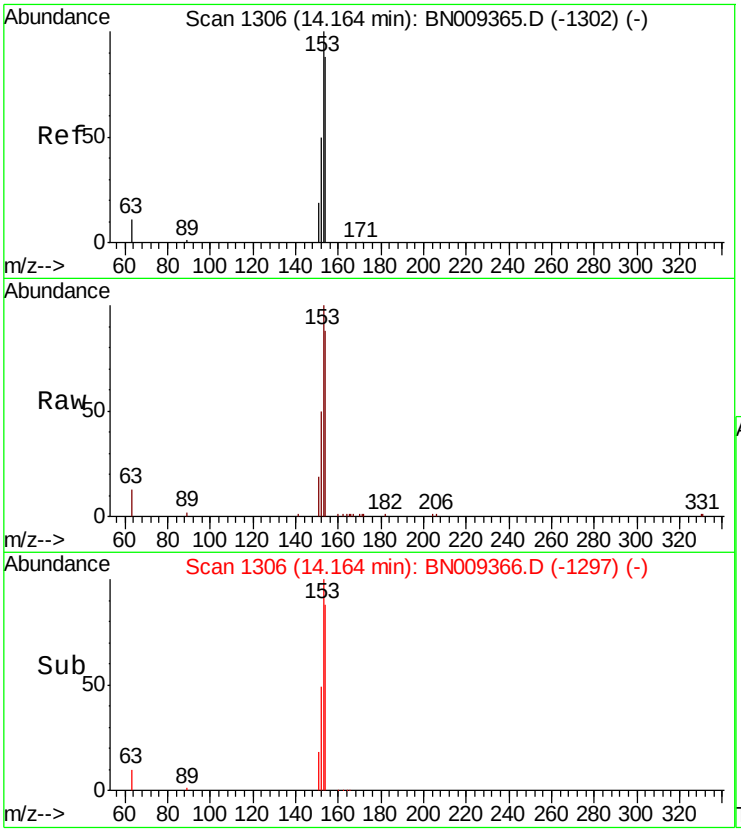


#16
Acenaphthylene
Concen: 0.754 ng
RT: 13.82 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:152 Resp: 10010

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.0	10.4	15.6



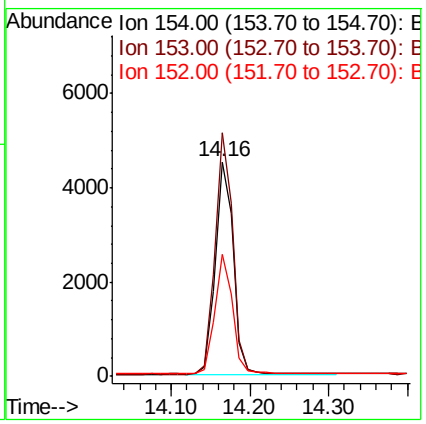


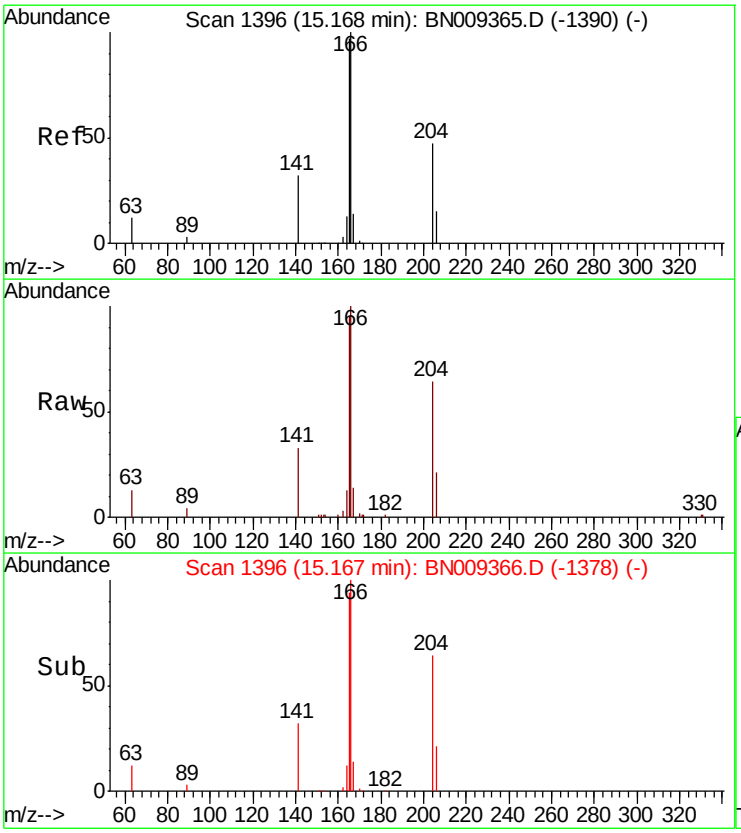
#17
Acenaphthene
Concen: 0.807 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 7118

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.5	135.7
152	55.6	45.3	67.9

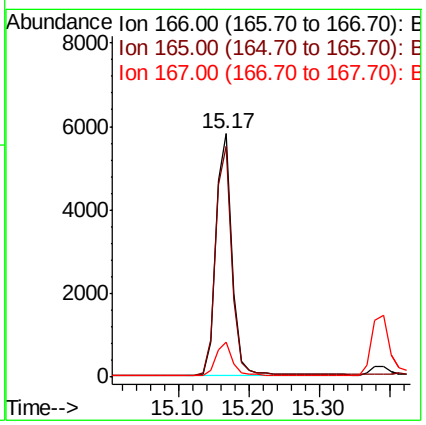


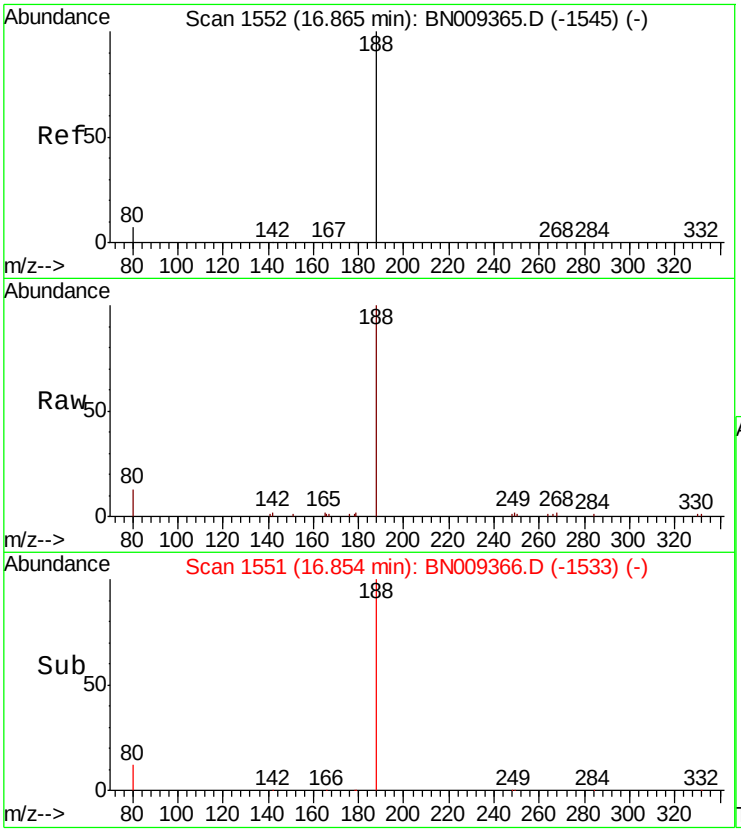


#18
Fluorene
Concen: 0.784 ng
RT: 15.17 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:166 Resp: 9295

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.2	117.2
167	13.5	11.0	16.6



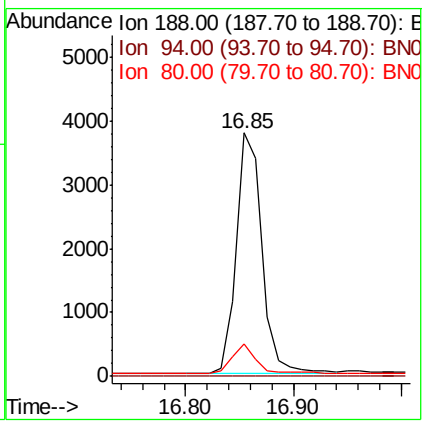


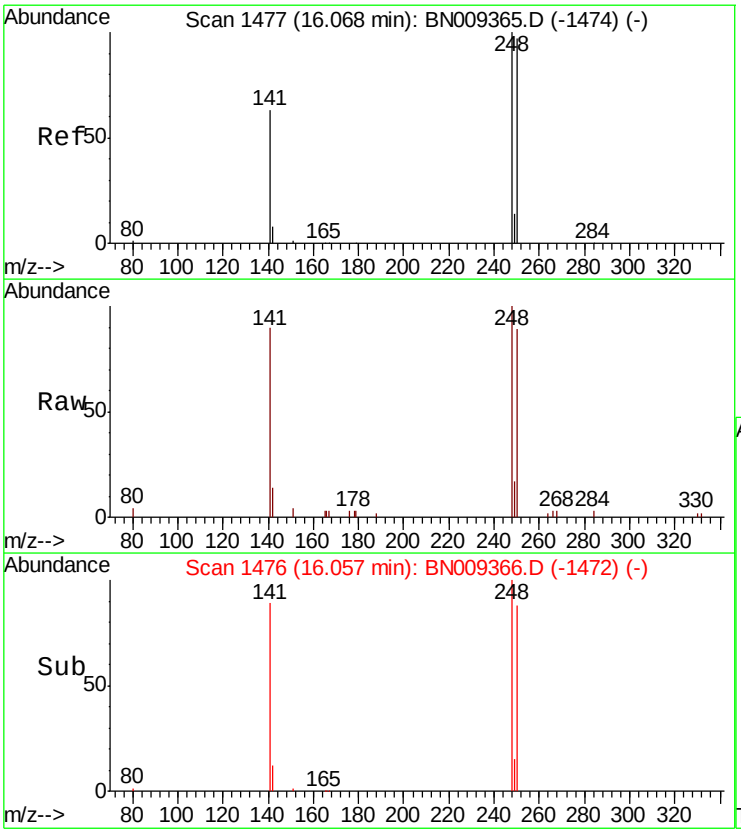
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 6188

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	6.6	10.0#

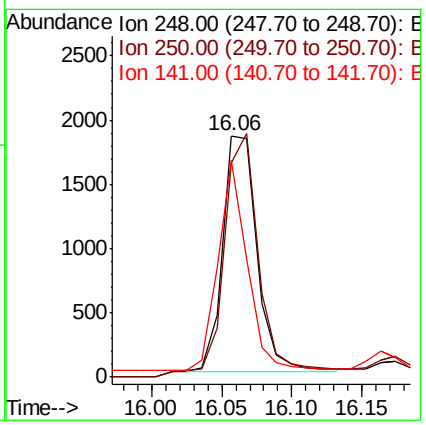


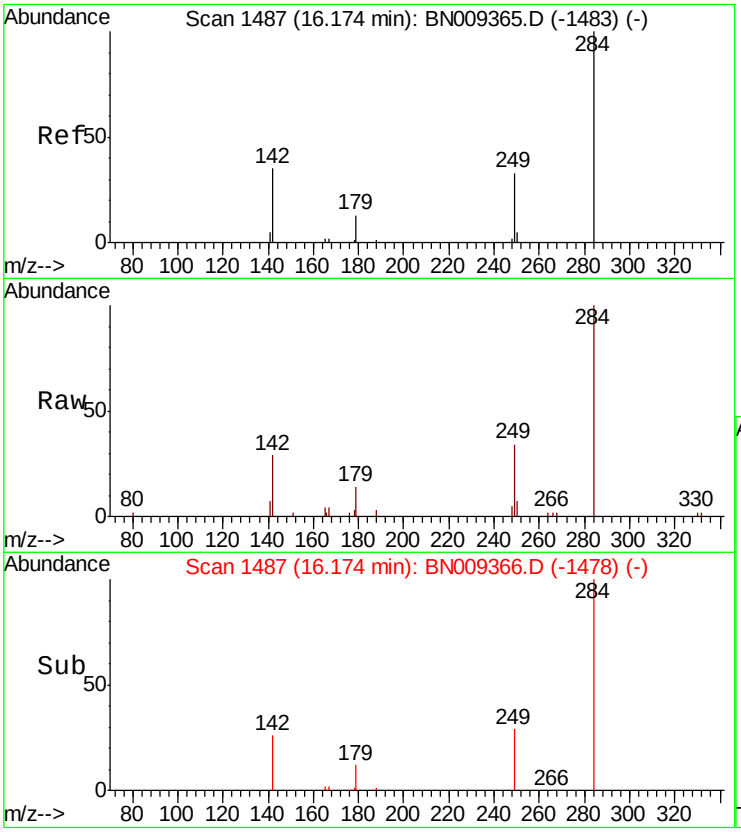


#20
4-Bromophenyl-phenylether
Concen: 0.842 ng
RT: 16.06 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:248 Resp: 3115

Ion	Ratio	Lower	Upper
248	100		
250	88.7	77.8	116.8
141	89.8	53.4	80.0#



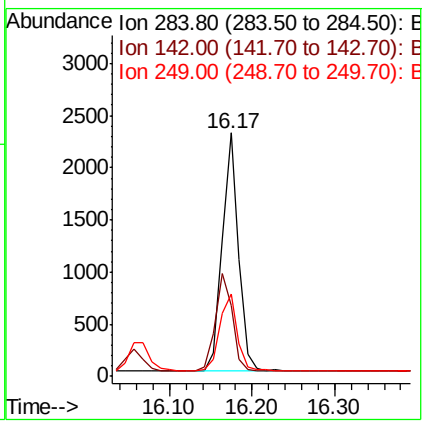


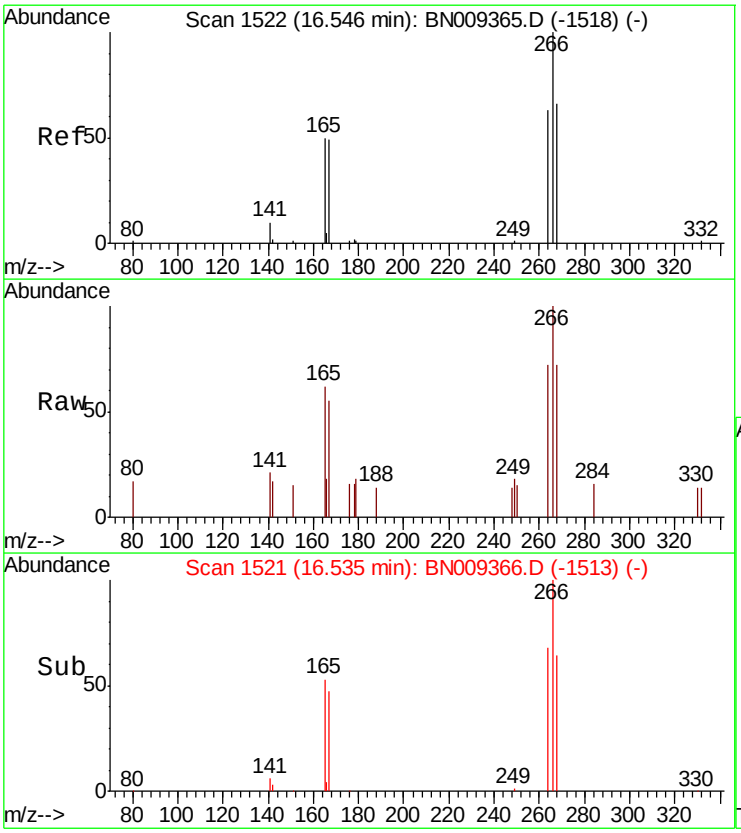
#21
Hexachlorobenzene
Concen: 0.767 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 3233

Ion	Ratio	Lower	Upper
284	100		
142	42.1	33.8	50.8
249	33.7	27.0	40.4

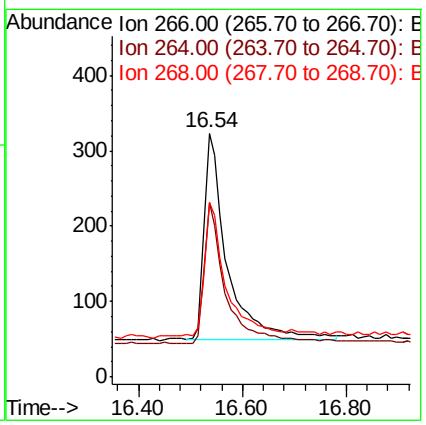


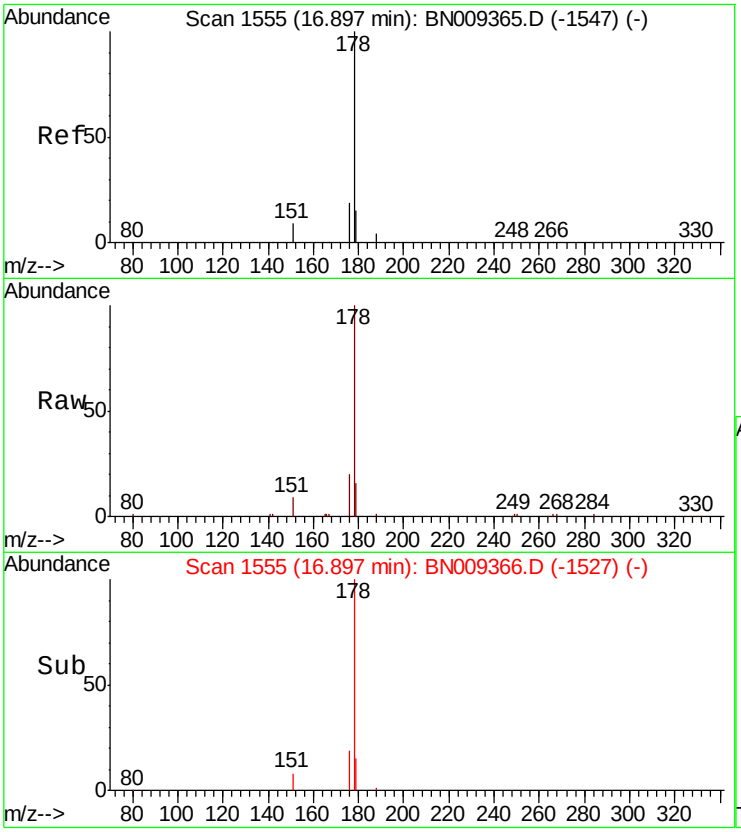


#22
Pentachlorophenol
Concen: 0.560 ng
RT: 16.54 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:266 Resp: 851

Ion	Ratio	Lower	Upper
266	100		
264	71.8	57.8	86.6
268	71.5	63.8	95.6



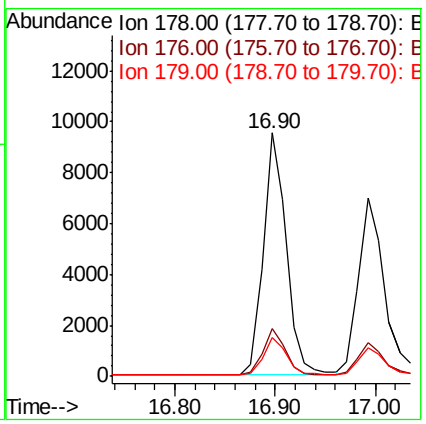


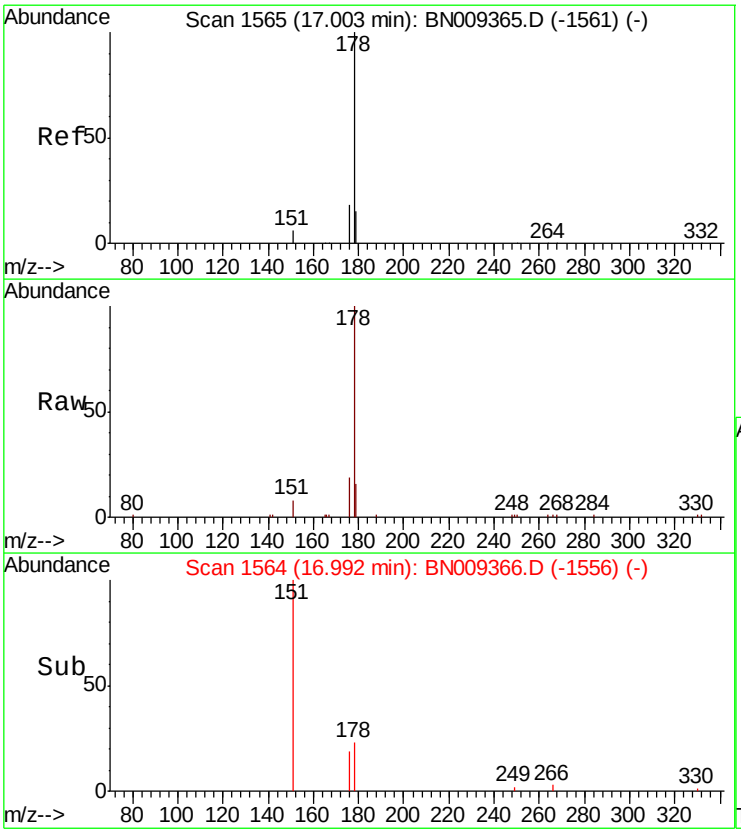
#23
Phenanthrene
Concen: 0.780 ng
RT: 16.90 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 15188

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.3	18.5

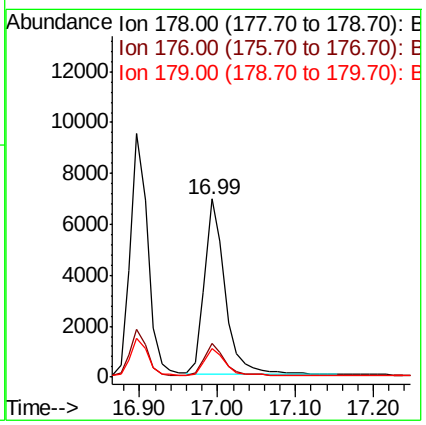


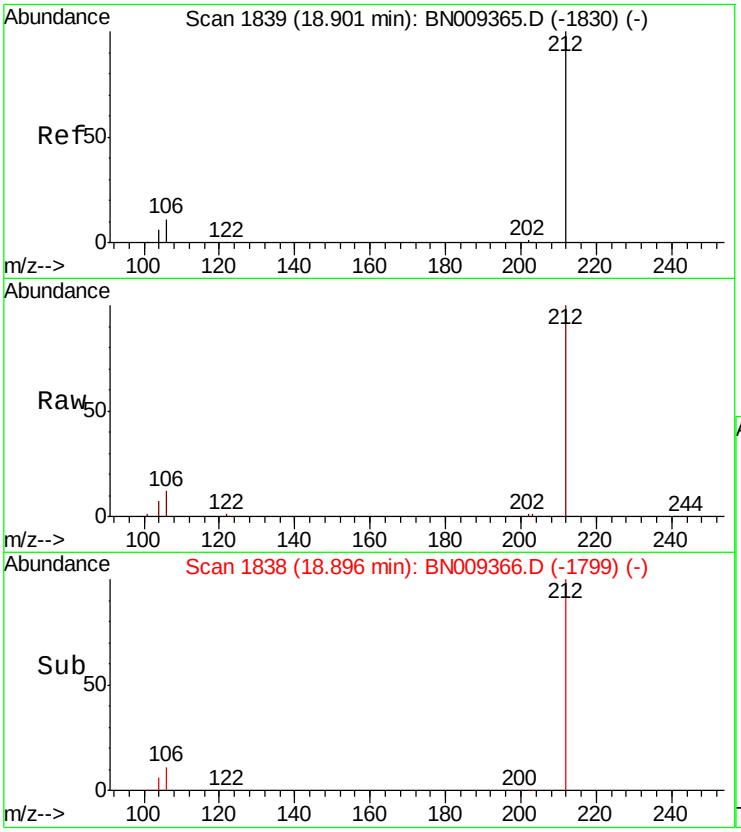


#24
Anthracene
Concen: 0.738 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:178 Resp: 12664

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.4	12.5	18.7



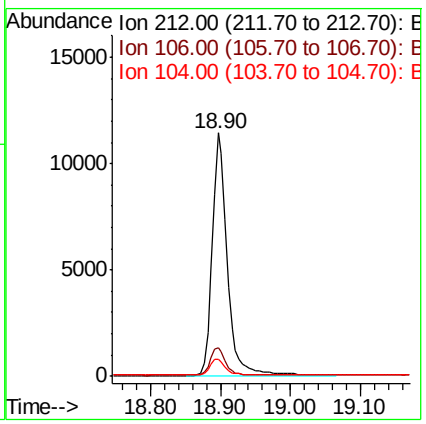


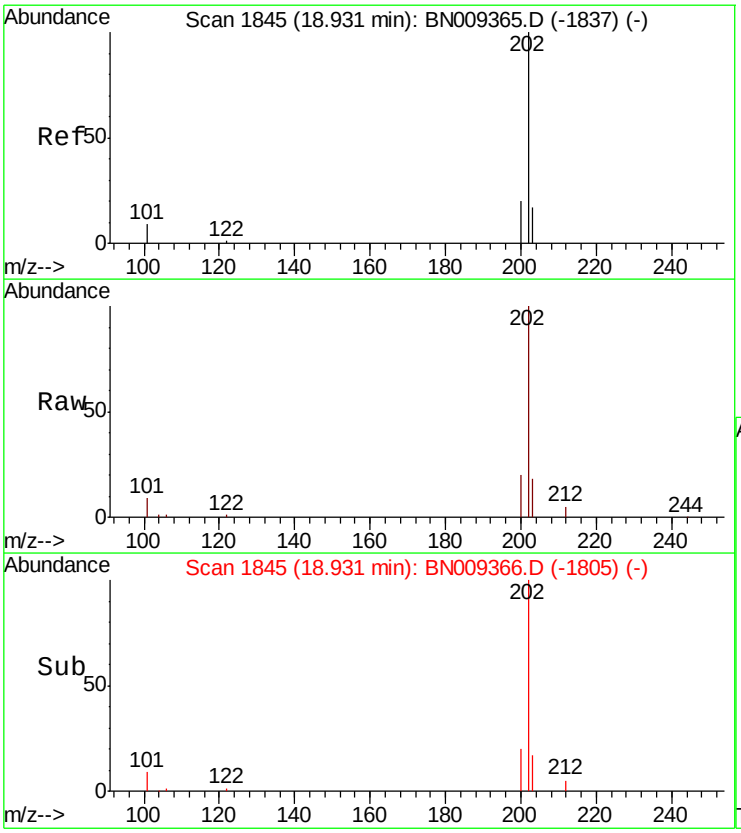
#25
Fluoranthene-d10
Concen: 0.908 ng
RT: 18.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 17008

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.2	13.8
104	6.7	5.4	8.0

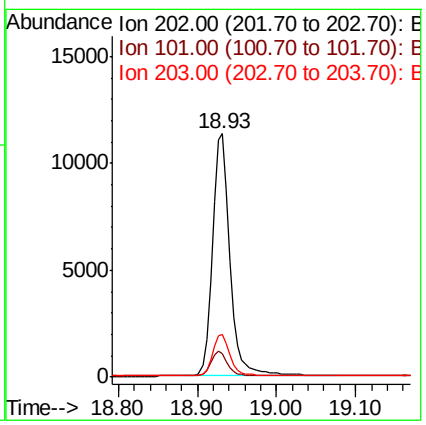


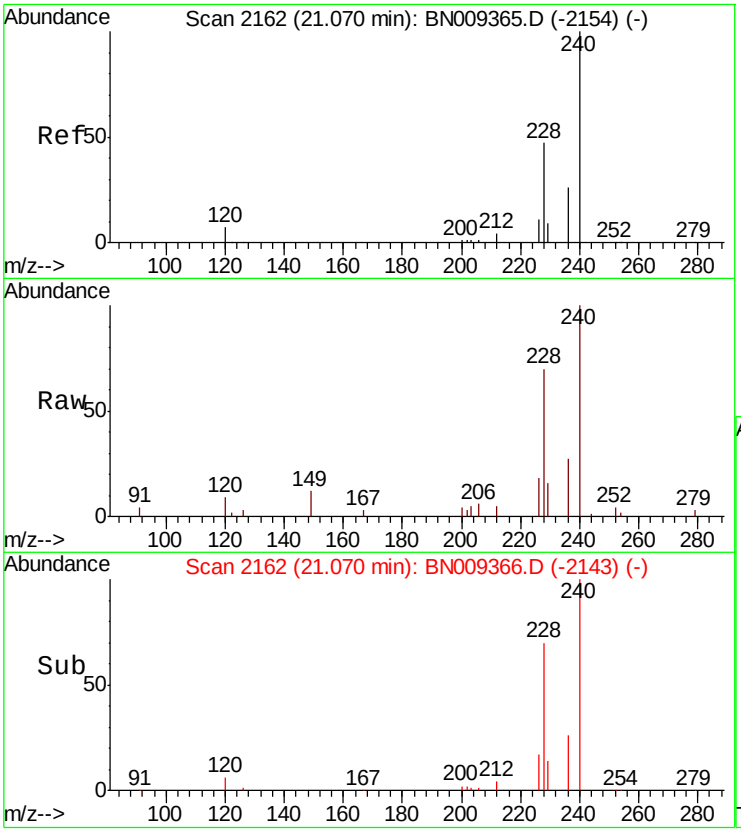


#26
Fluoranthene
Concen: 0.762 ng
RT: 18.93 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:202 Resp: 17657

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.0	12.0
203	17.3	13.5	20.3



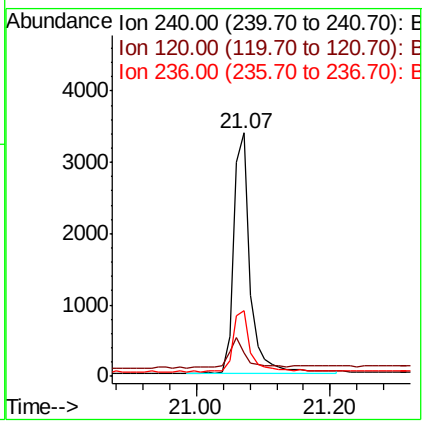


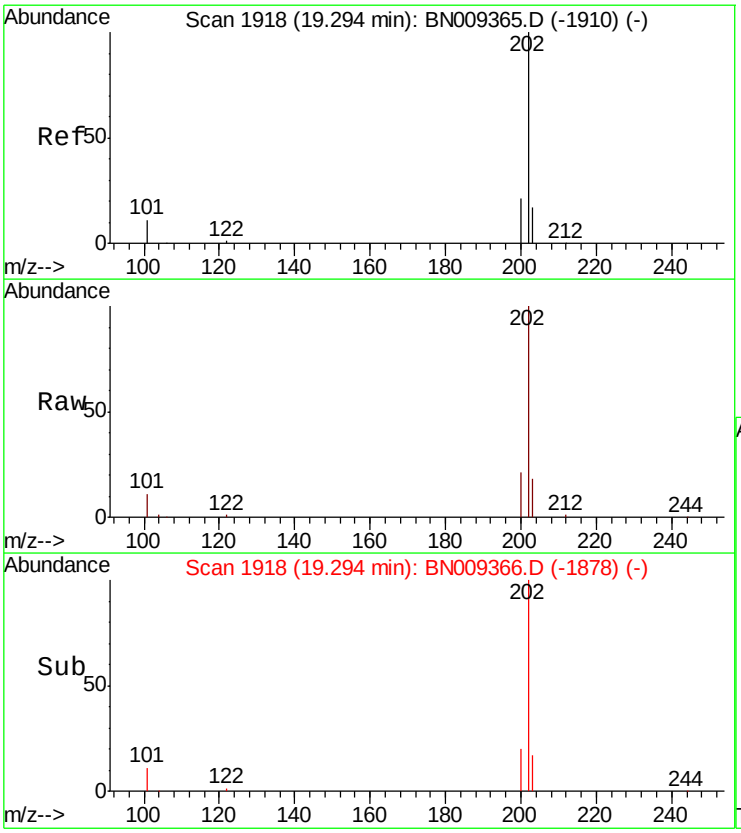
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 5705

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.1	12.1
236	27.2	22.2	33.4

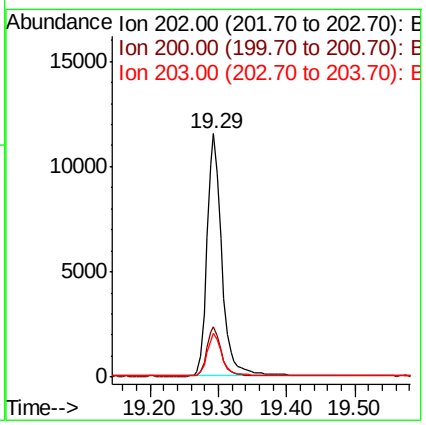


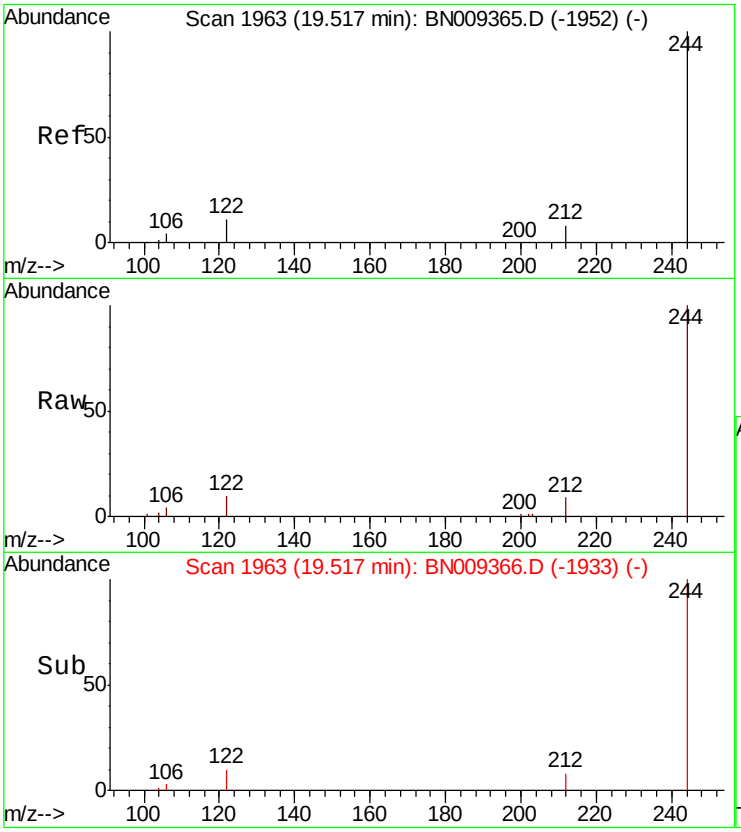


#28
Pyrene
Concen: 0.876 ng
RT: 19.29 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:202 Resp: 17510

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.4	14.1	21.1



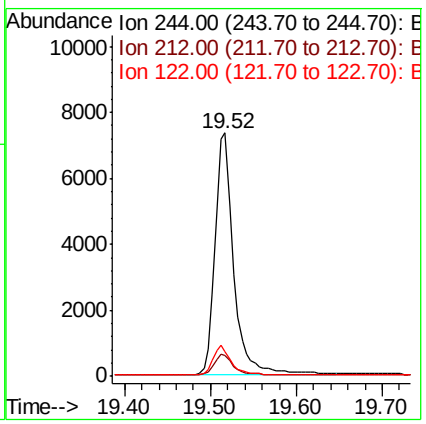


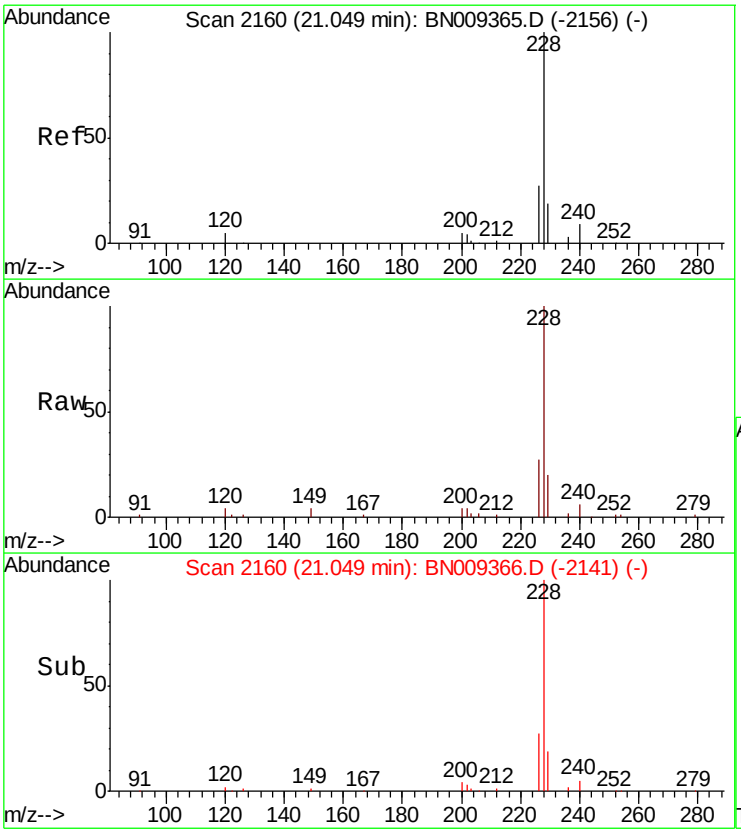
#29
Terphenyl-d14
Concen: 0.854 ng
RT: 19.52 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 11116

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.5	11.3
122	10.4	9.8	14.6

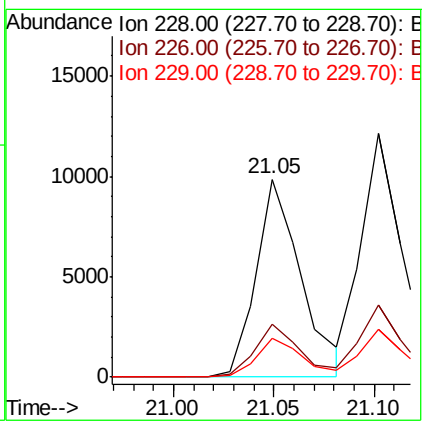


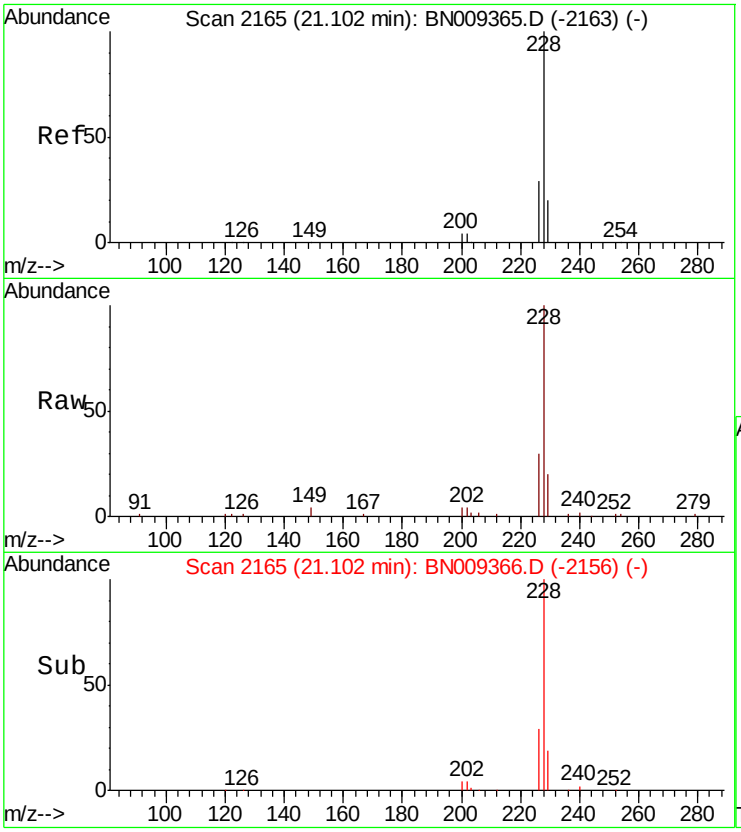


#30
Benzo(a)anthracene
Concen: 0.755 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:228 Resp: 15279

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.5	33.7
229	19.7	16.1	24.1



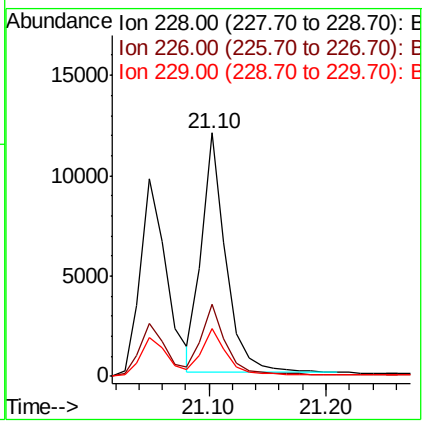


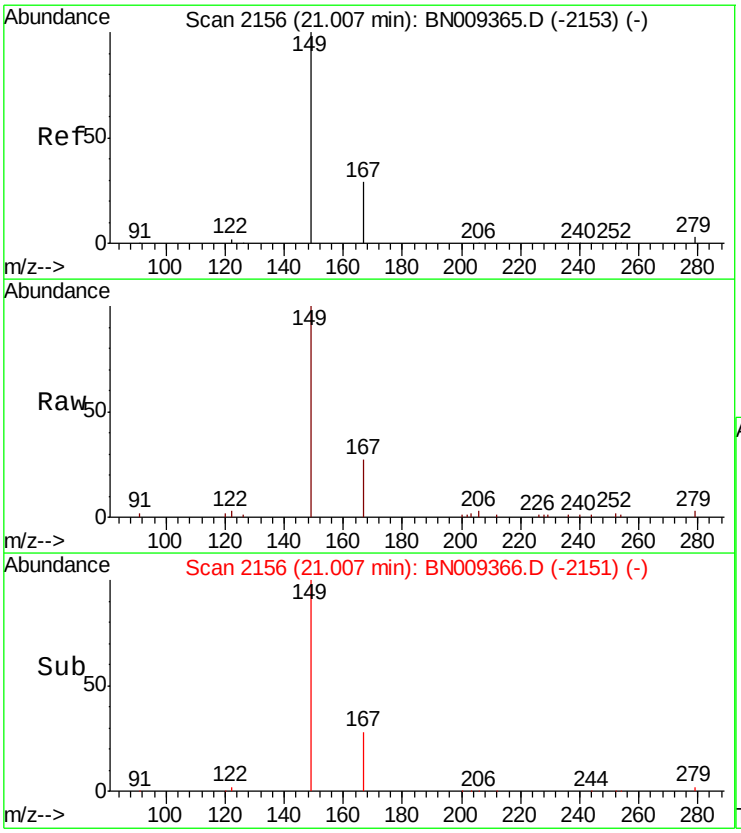
#31
Chrysene
Concen: 0.820 ng
RT: 21.10 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 17186

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	19.6	16.6	24.8

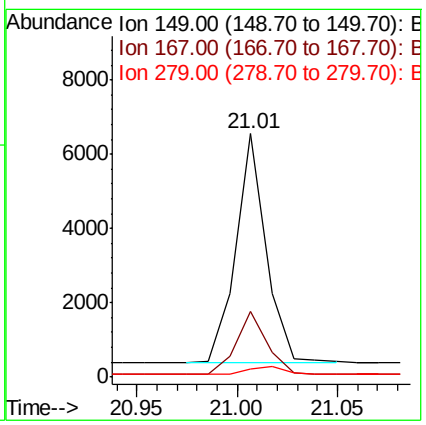


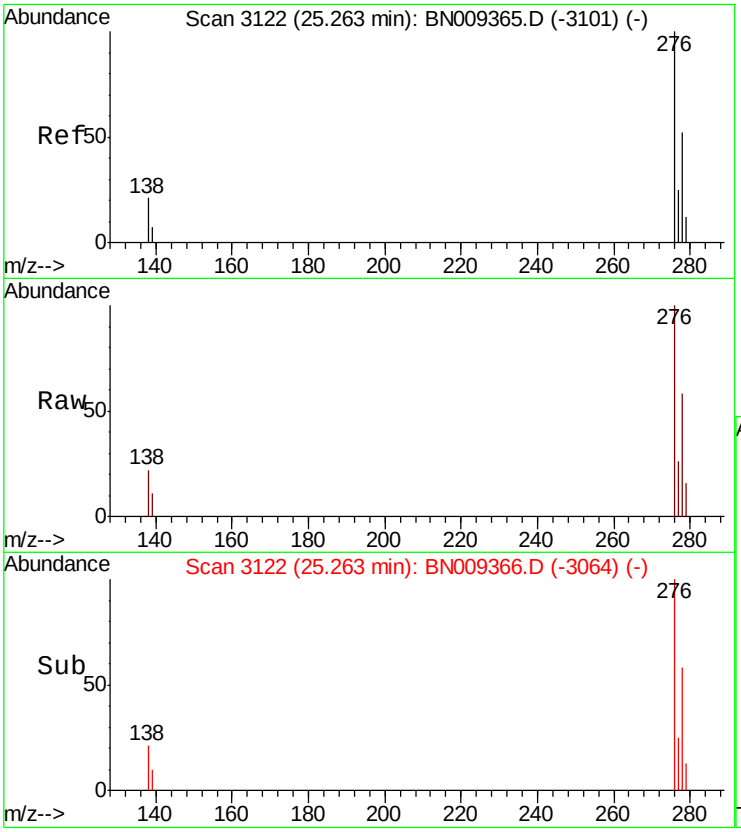


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.683 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:149 Resp: 6466

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.9	34.3
279	3.8	3.4	5.0



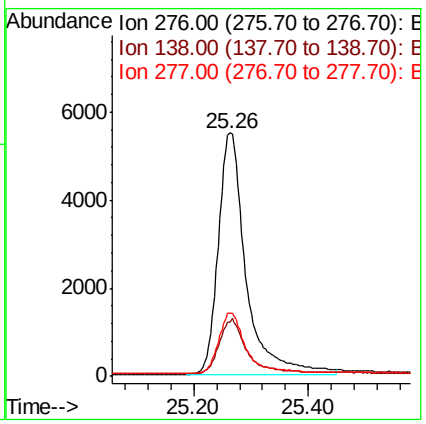


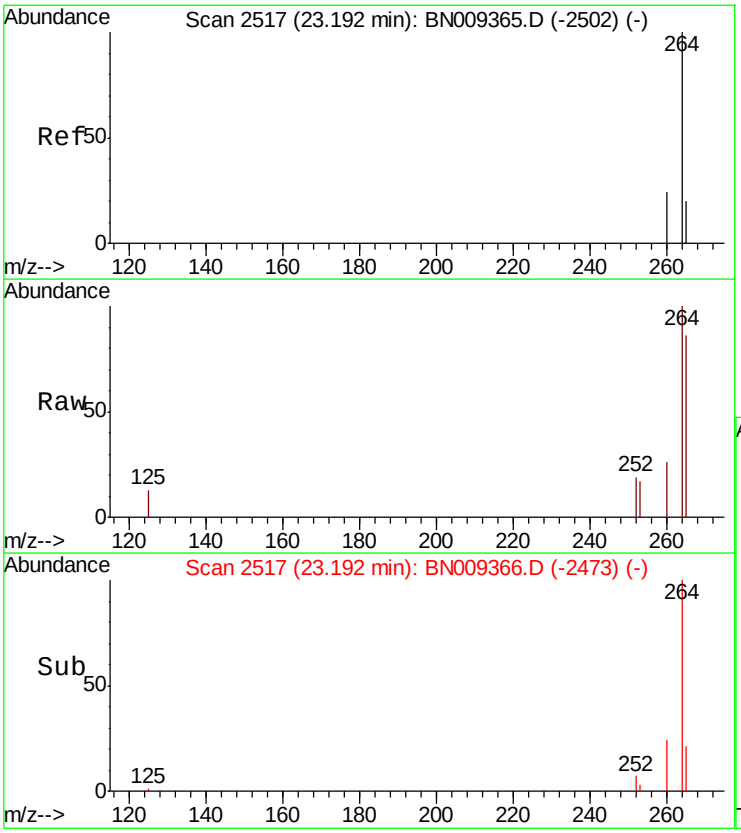
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.827 ng
RT: 25.26 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 18351

Ion	Ratio	Lower	Upper
276	100		
138	22.4	15.9	23.9
277	24.4	19.8	29.6

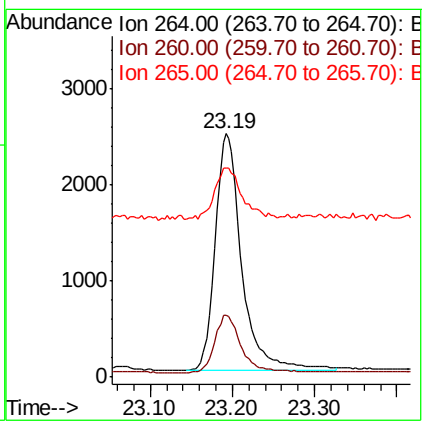


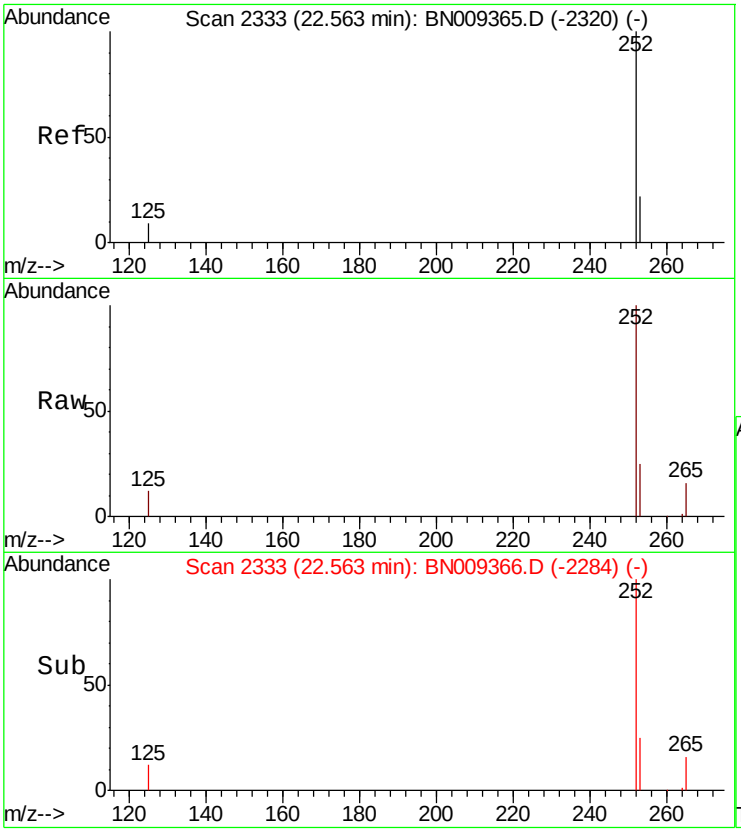


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:264 Resp: 5506

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.1	30.1
265	85.8	68.2	102.4



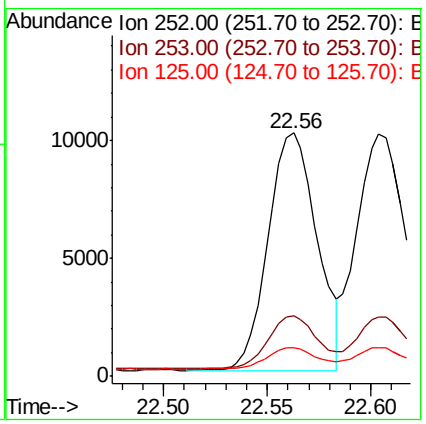


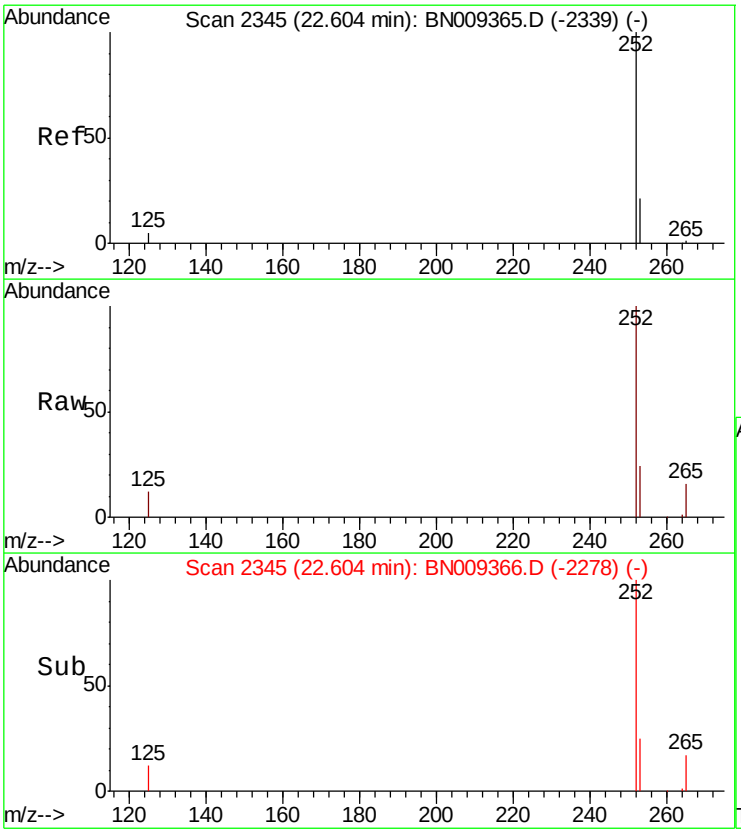
#35
Benzo(b)fluoranthene
Concen: 0.836 ng
RT: 22.56 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 16482

Ion	Ratio	Lower	Upper
252	100		
253	24.8	22.4	33.6
125	11.7	11.6	17.4

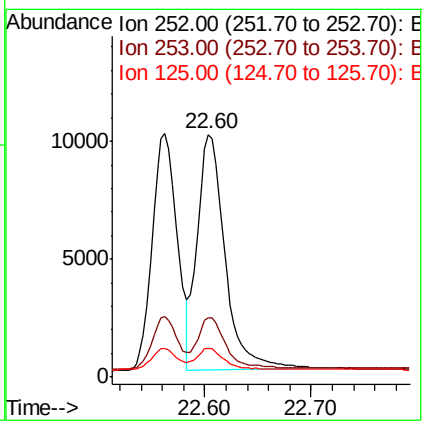


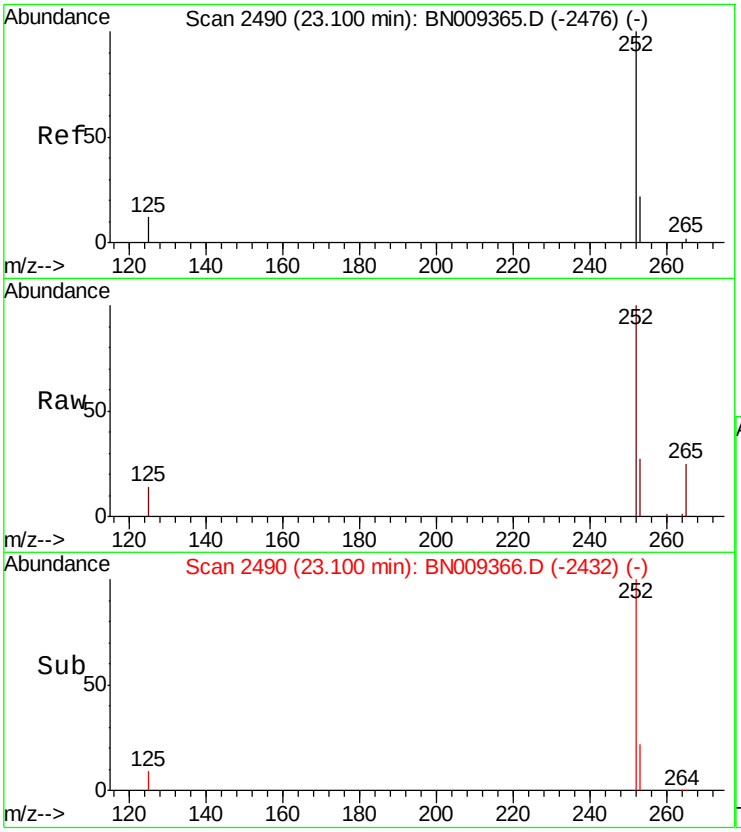


#36
Benzo(k)fluoranthene
Concen: 0.915 ng
RT: 22.60 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:252 Resp: 18163

Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.9	32.9
125	11.7	12.0	18.0#



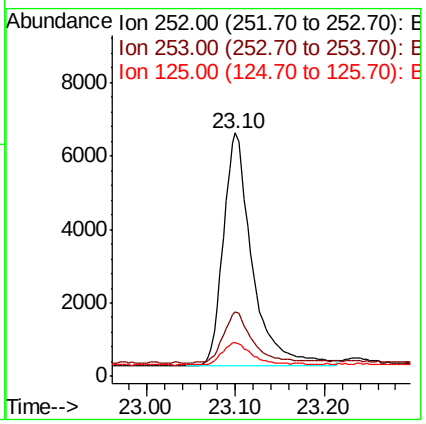


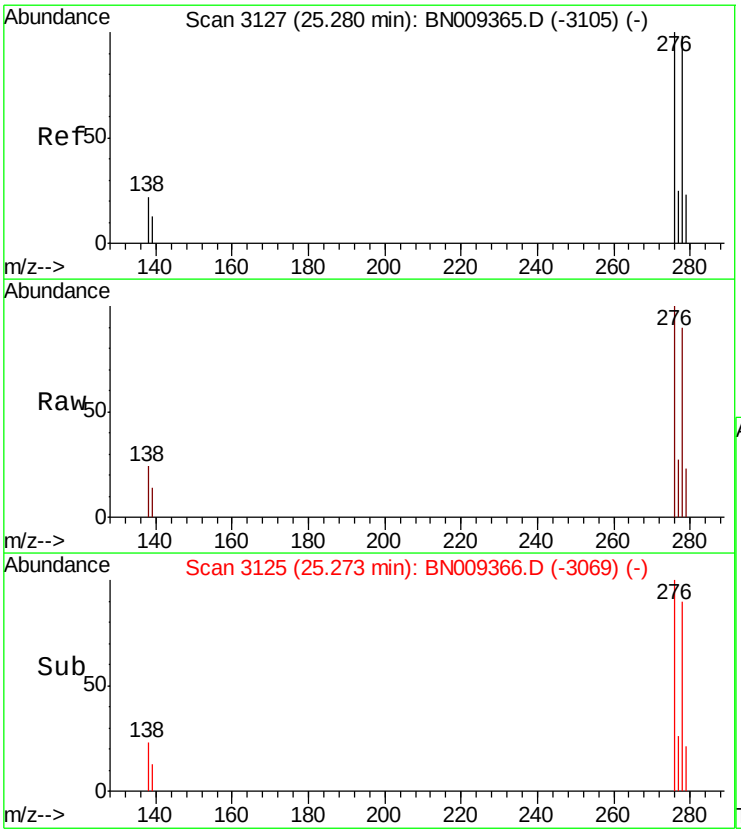
#37
Benzo(a)pyrene
Concen: 0.815 ng
RT: 23.10 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 14420

Ion	Ratio	Lower	Upper
252	100		
253	26.5	25.4	38.0
125	13.8	16.2	24.2#

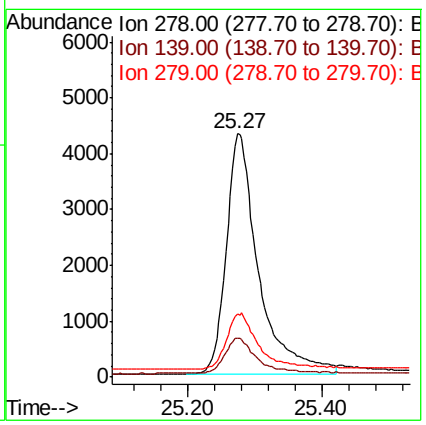


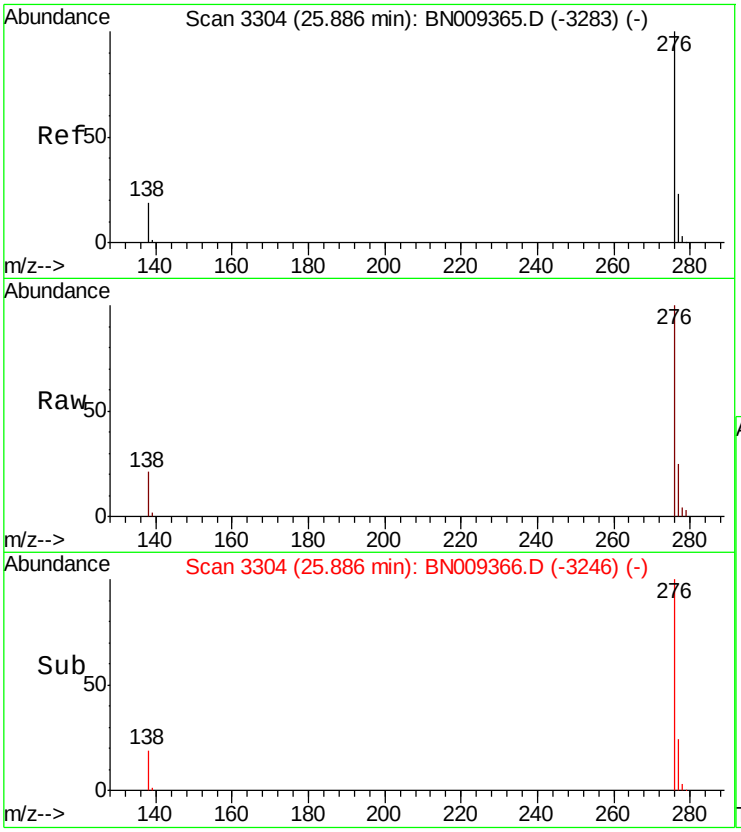


#38
Dibenzo(a,h)anthracene
Concen: 0.869 ng
RT: 25.27 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:278 Resp: 14429

Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.5	21.7
279	26.0	24.2	36.4





#39
Benzo(g,h,i)perylene
Concen: 0.988 ng
RT: 25.89 min Scan# 3304
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 16186

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.6	30.8
138	20.6	17.1	25.7