Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
Data File : BN009429.D
Acq On : 23 Jan 2020 18:28
Operator : CG/JU
Sample : PB126299BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jan 24 12:16:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1270	0.40	ng		0.00
7) Naphthalene-d8	10.22	136	4746	0.40	ng		-0.01
13) Acenaphthene-d10	14.09	164	3109	0.40	ng		-0.02
19) Phenanthrene-d10	16.85	188	6746	0.40	ng		-0.02
27) Chrysene-d12	21.06	240	5947	0.40	ng		-0.01
34) Perylene-d12	23.18	264	6141	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1203	0.41	ng		0.00
5) Phenol-d6	6.67	99	1404	0.42	ng		0.00
8) Nitrobenzene-d5	8.62	82	1474	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	11.82	152	3079	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.61	330	458	0.39	ng		-0.02
15) 2-Fluorobiphenyl	12.72	172	4744	0.41	ng		0.00
25) Fluoranthene-d10	18.89	212	7103	0.31	ng		-0.01
29) Terphenyl-d14	19.51	244	5691	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	506	0.382	ng		95
3) n-Nitrosodimethylamine	3.47	42	724	0.354	ng	#	92
6) bis(2-Chloroethyl)ether	6.92	93	1523	0.437	ng		86
9) Naphthalene	10.27	128	5101	0.397	ng		99
10) Hexachlorobutadiene	10.56	225	1149	0.408	ng	#	97
12) 2-Methylnaphthalene	11.90	142	3510	0.392	ng		100
16) Acenaphthylene	13.81	152	5055	0.377	ng		99
17) Acenaphthene	14.16	154	3618	0.384	ng		99
18) Fluorene	15.16	166	4698	0.382	ng		99
20) 4-Bromophenyl-phenylether	16.06	248	1533	0.377	ng		93
21) Hexachlorobenzene	16.17	284	1677	0.388	ng		98
22) Pentachlorophenol	16.53	266	409	0.415	ng		99
23) Phenanthrene	16.89	178	7650	0.377	ng		100
24) Anthracene	16.99	178	6402	0.376	ng		99
26) Fluoranthene	18.92	202	8794	0.370	ng		100
28) Pyrene	19.29	202	8940	0.397	ng		100
30) Benzo(a)anthracene	21.05	228	7290	0.373	ng		98
31) Chrysene	21.10	228	8832	0.395	ng		99
32) Bis(2-ethylhexyl)phthalate	21.00	149	3576	0.414	ng		98
33) Indeno(1,2,3-cd)pyrene	25.25	276	9437	0.406	ng		99
35) Benzo(b)fluoranthene	22.56	252	8310	0.368	ng		99
36) Benzo(k)fluoranthene	22.60	252	9106	0.365	ng		99
37) Benzo(a)pyrene	23.09	252	7651	0.385	ng		98
38) Dibenzo(a,h)anthracene	25.26	278	7414	0.371	ng		98
39) Benzo(g,h,i)perylene	25.87	276	8084	0.367	ng		100

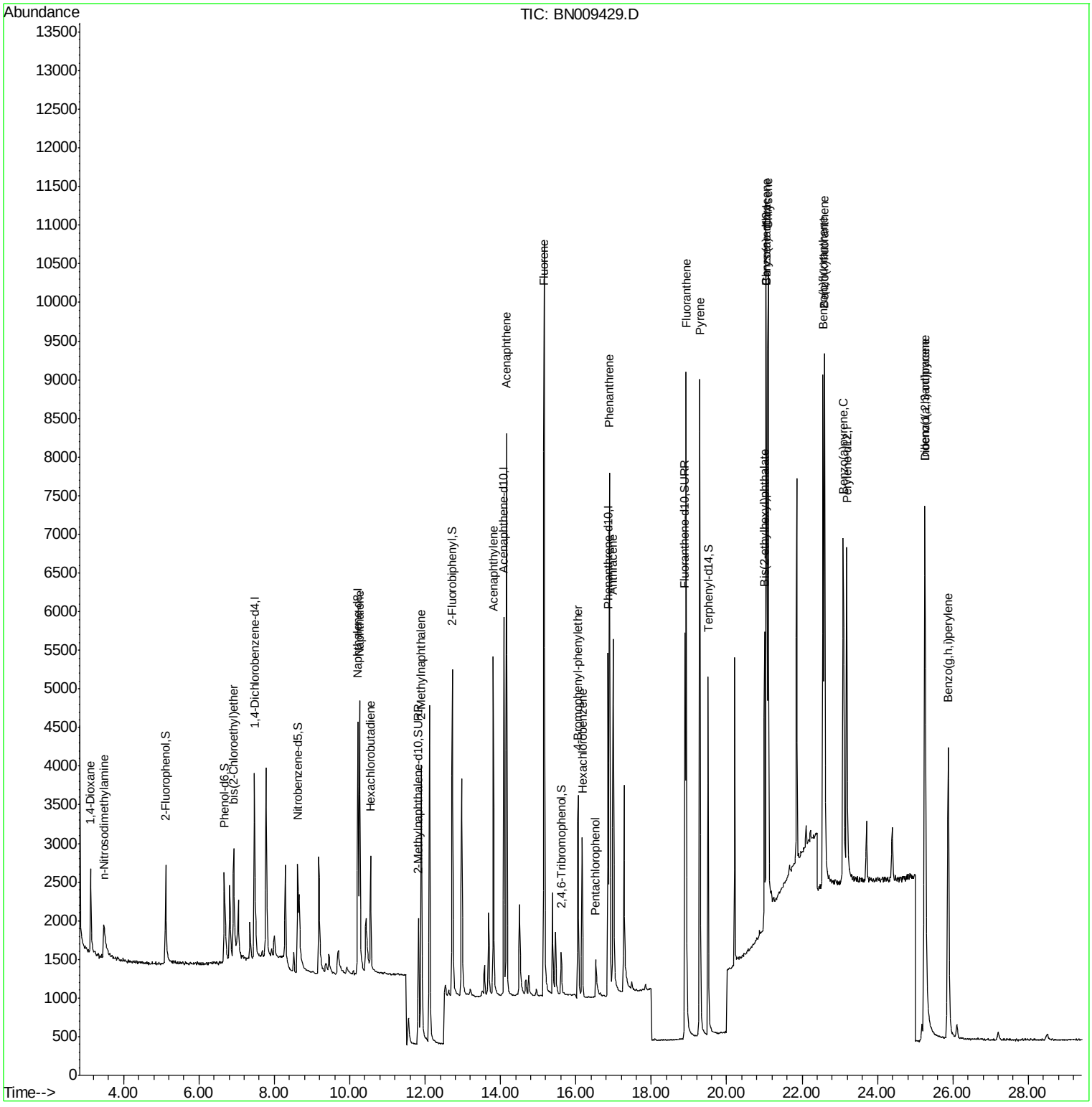
(#) = qualifier out of range (m) = manual integration (+) = signals summed

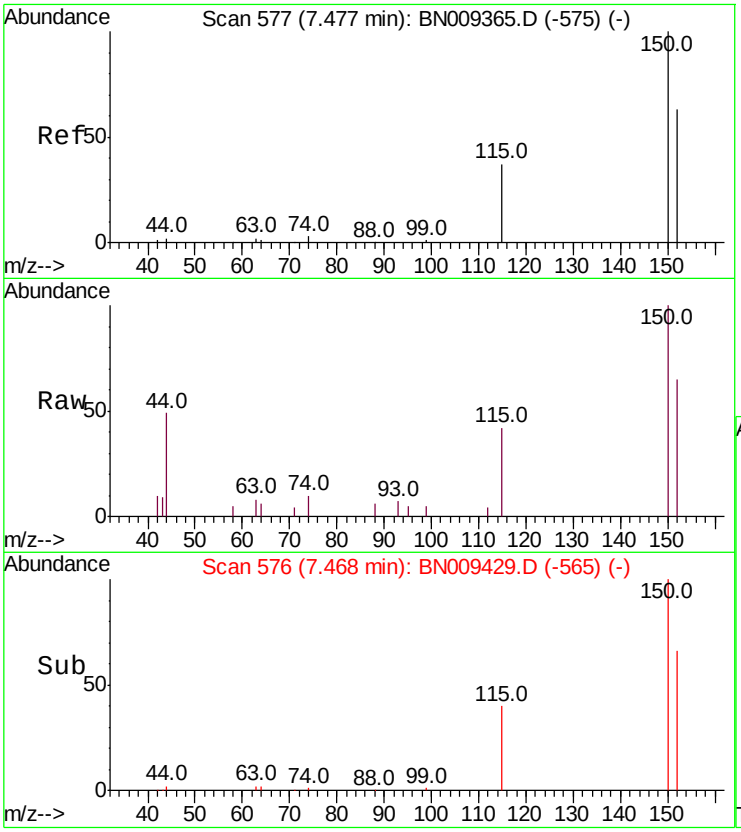
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
Data File : BN009429.D
Acq On : 23 Jan 2020 18:28
Operator : CG/JU
Sample : PB126299BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jan 24 12:16:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration



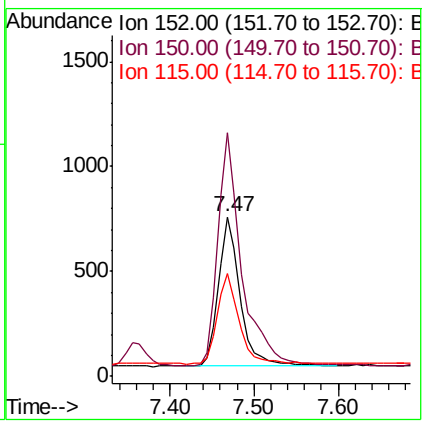


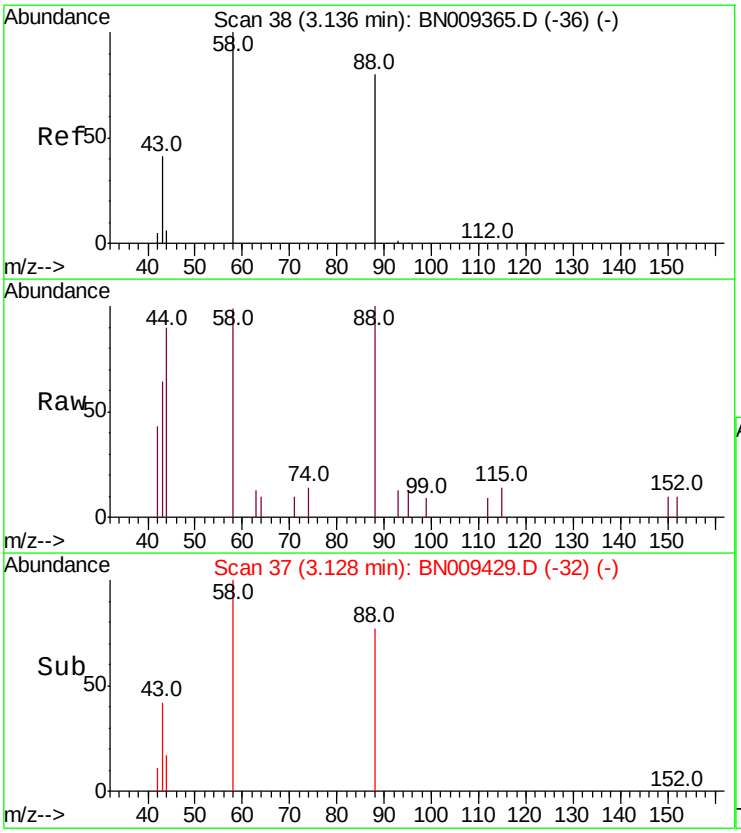
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1270

Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.7	188.5
115	64.3	53.3	79.9

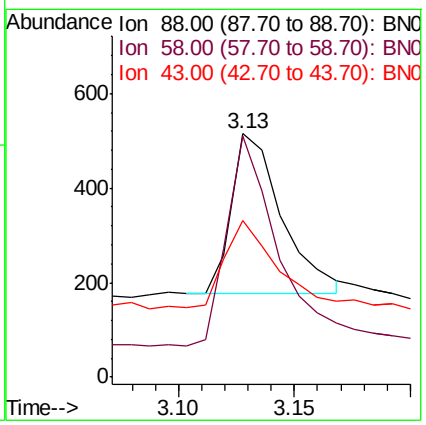


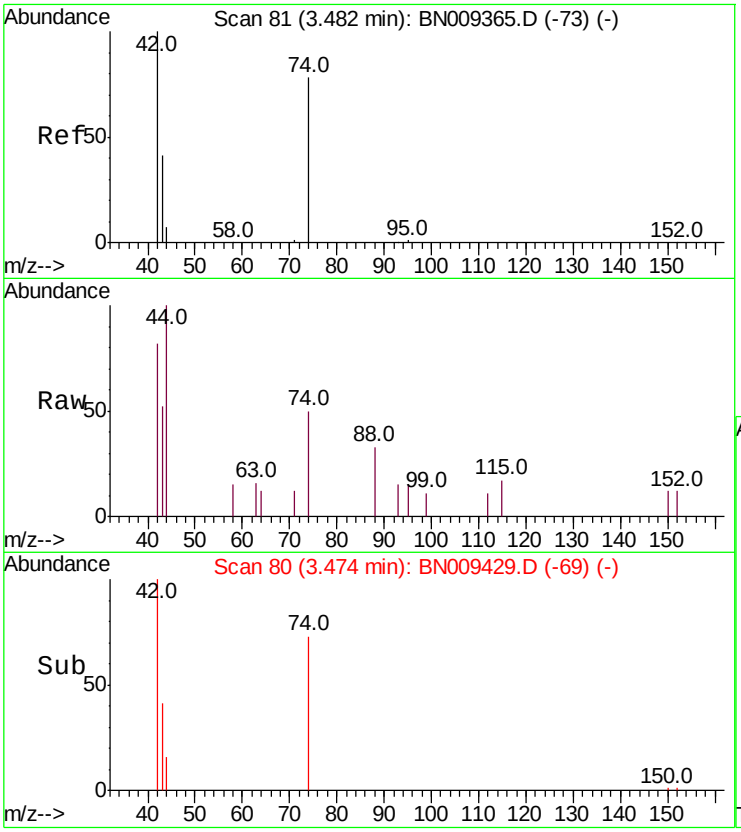


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion: 88 Resp: 506

Ion	Ratio	Lower	Upper
88	100		
58	133.2	100.2	150.2
43	55.1	43.1	64.7



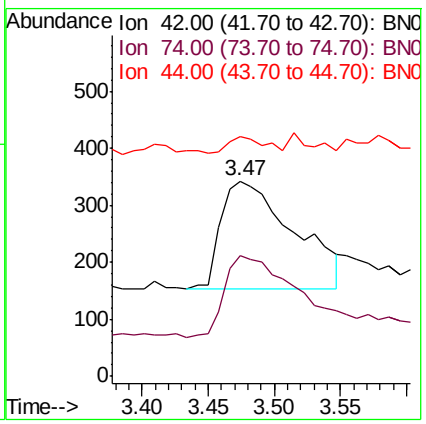


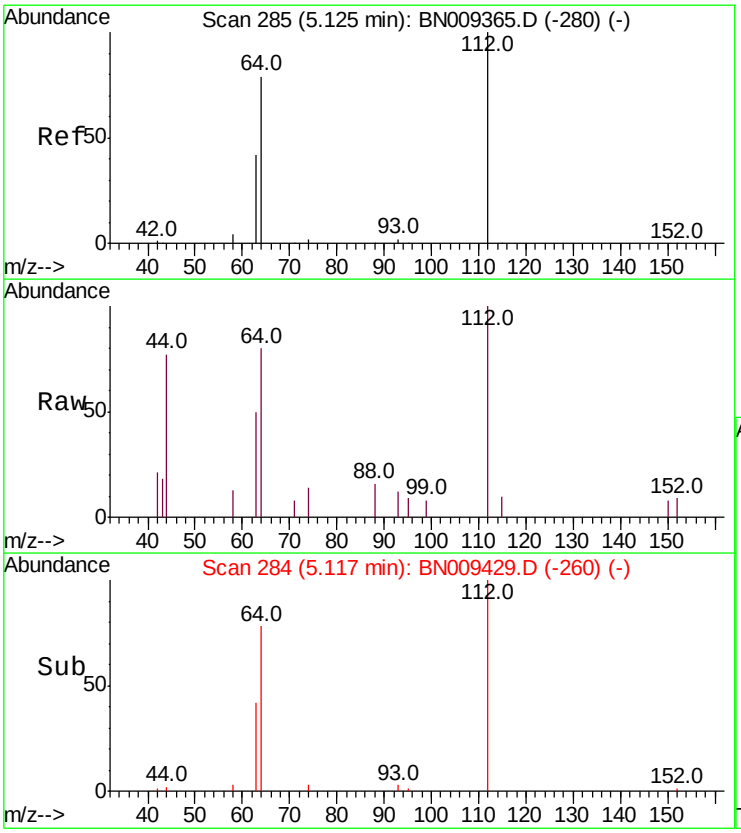
#3
n-Nitrosodimethylamine
Concen: 0.354 ng
RT: 3.47 min Scan# 80
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 724

Ion	Ratio	Lower	Upper
42	100		
74	75.3	55.8	83.8
44	7.2	11.1	16.7#

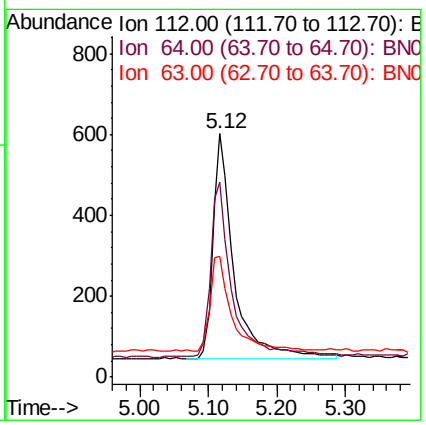


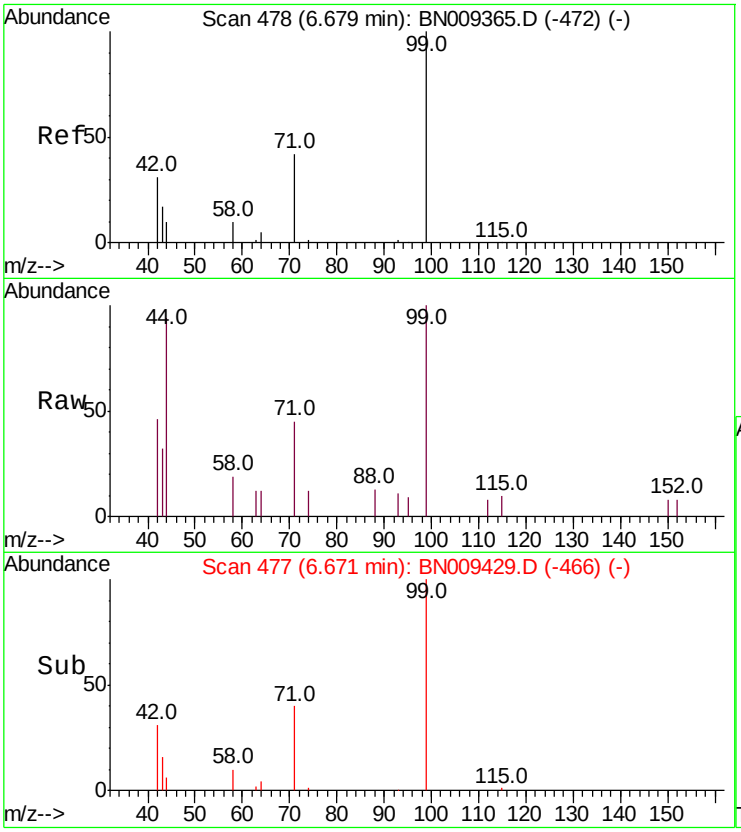


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:112 Resp: 1203

Ion	Ratio	Lower	Upper
112	100		
64	78.4	61.5	92.3
63	42.4	35.0	52.4



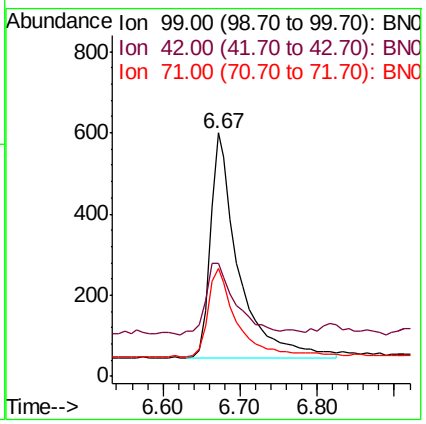


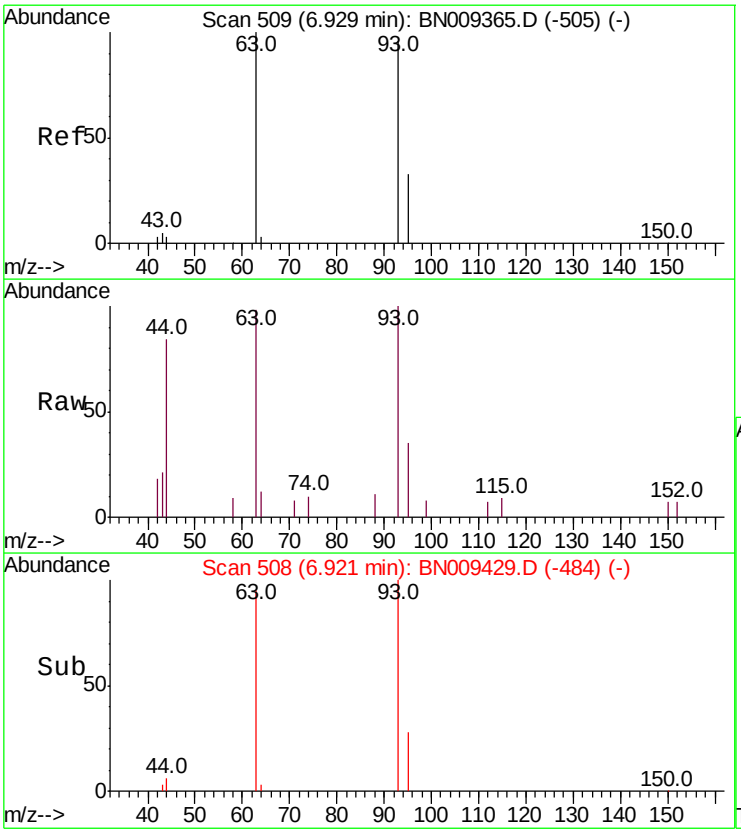
#5
Phenol-d6
Concen: 0.415 ng
RT: 6.67 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1404

Ion	Ratio	Lower	Upper
99	100		
42	33.8	27.6	41.4
71	42.5	33.0	49.6

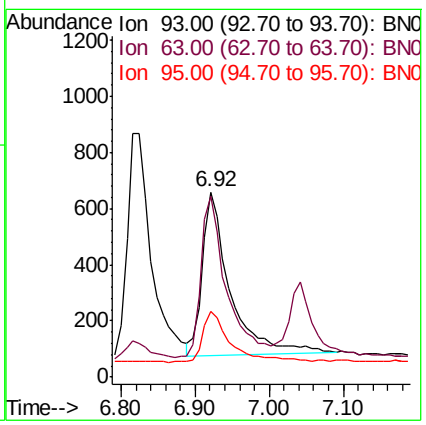


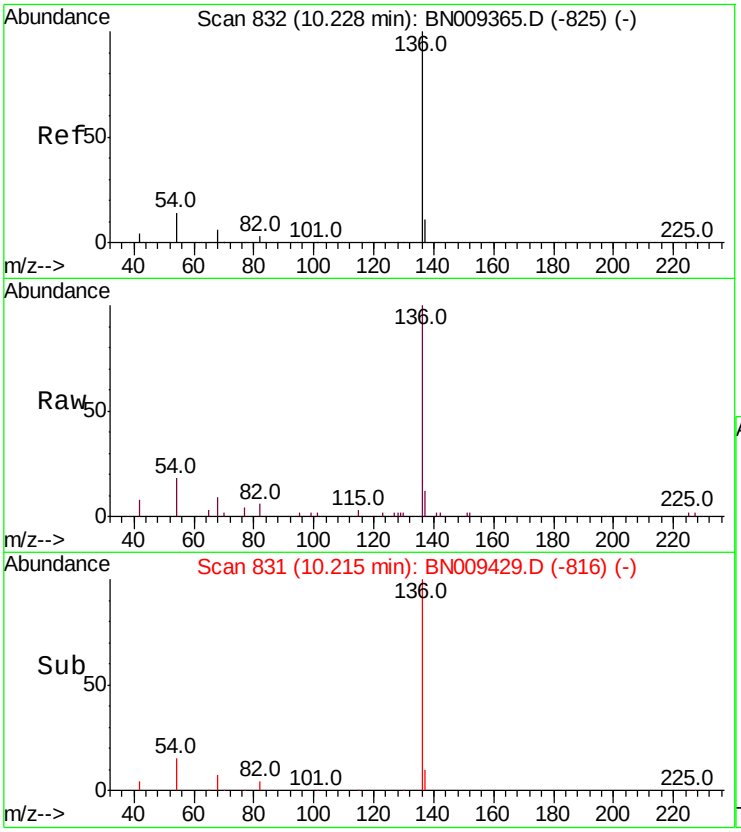


#6
bis(2-Chloroethyl)ether
Concen: 0.437 ng
RT: 6.92 min Scan# 508
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion: 93 Resp: 1523

Ion	Ratio	Lower	Upper
93	100		
63	89.9	85.1	127.7
95	31.6	30.2	45.4



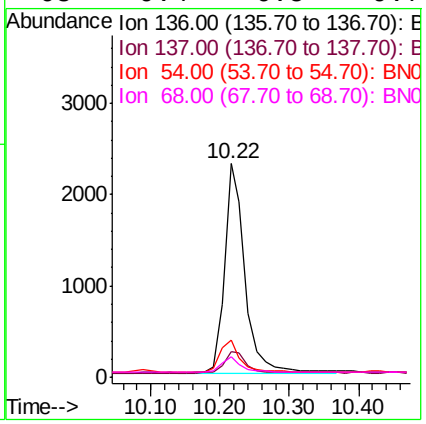


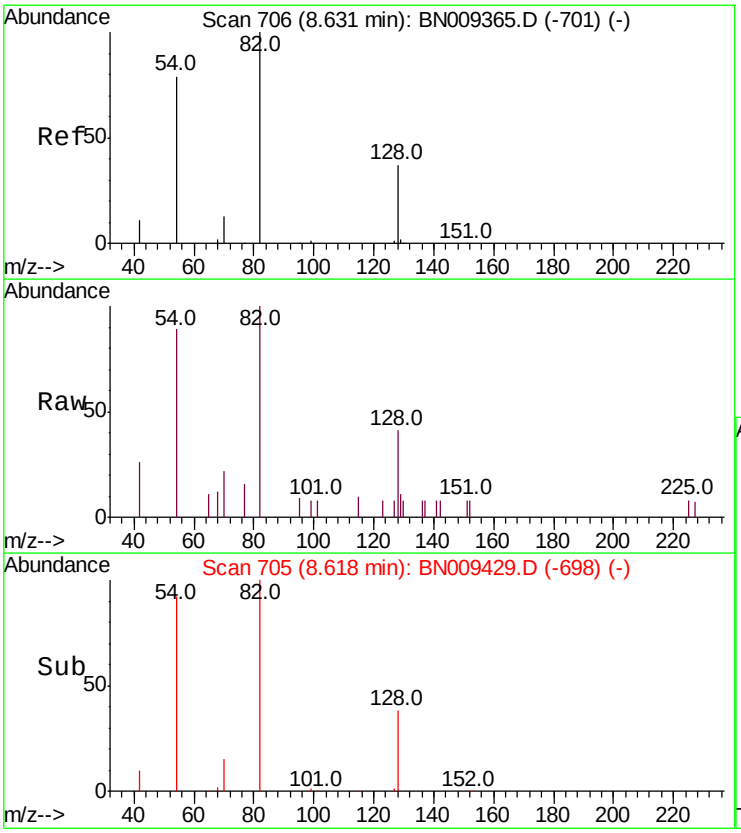
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4746

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.3	15.5
54	17.6	12.6	19.0
68	9.4	6.5	9.7

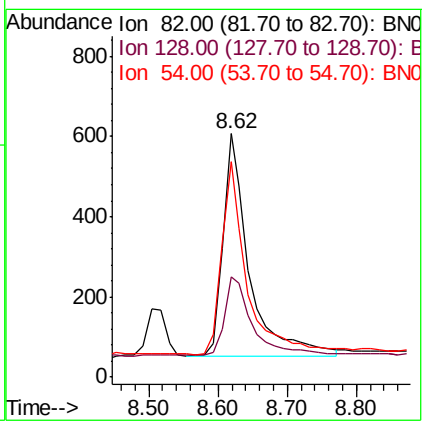


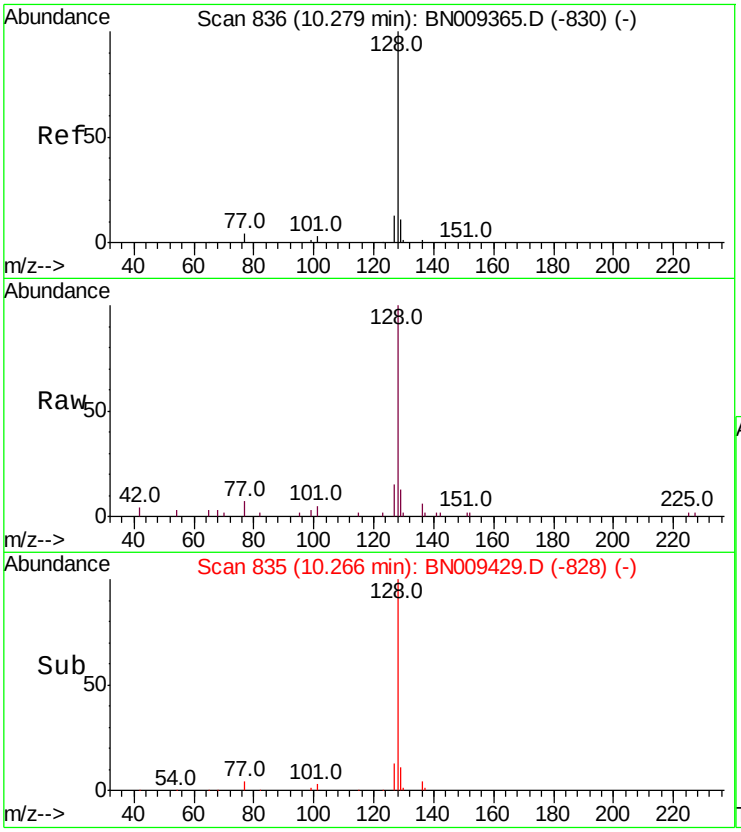


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.62 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion: 82 Resp: 1474

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.8	52.2
54	88.6	65.8	98.6



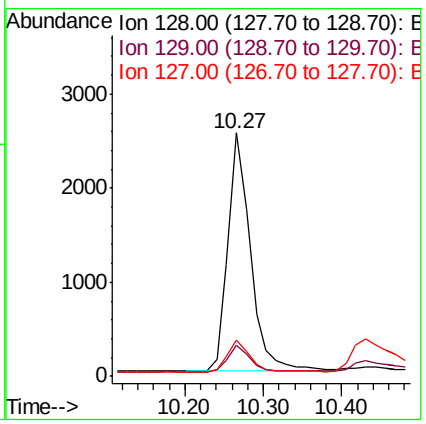


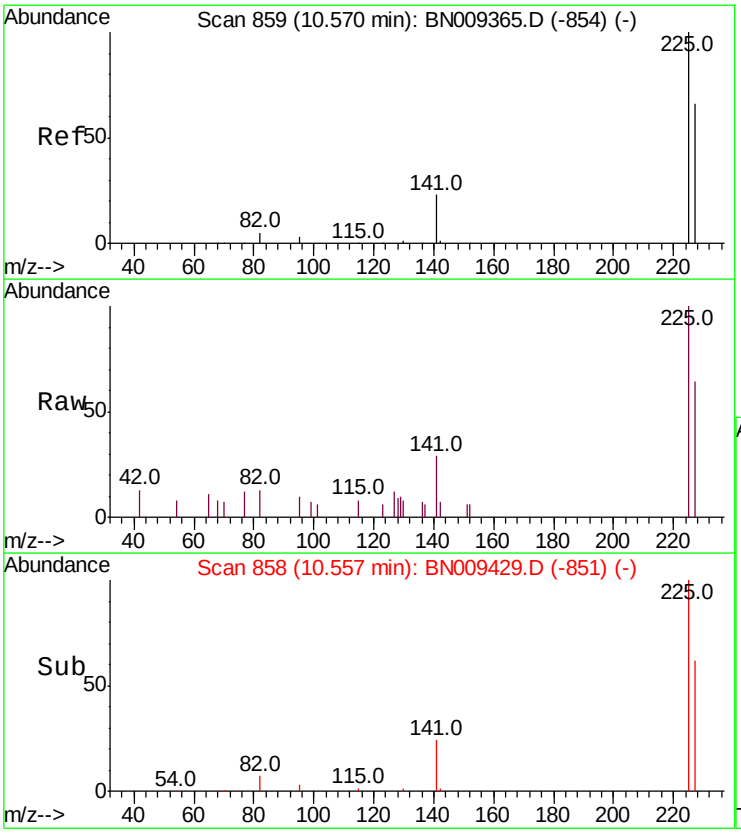
#9
Naphthalene
Concen: 0.397 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5101

Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.4	15.6
127	15.0	11.4	17.2

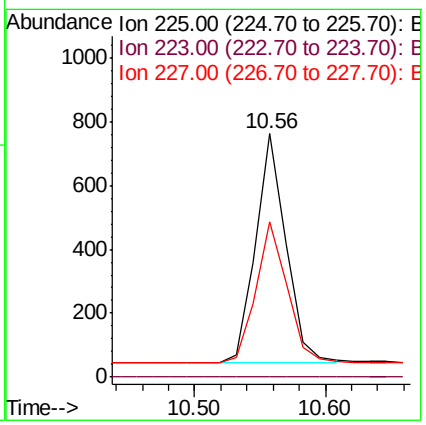


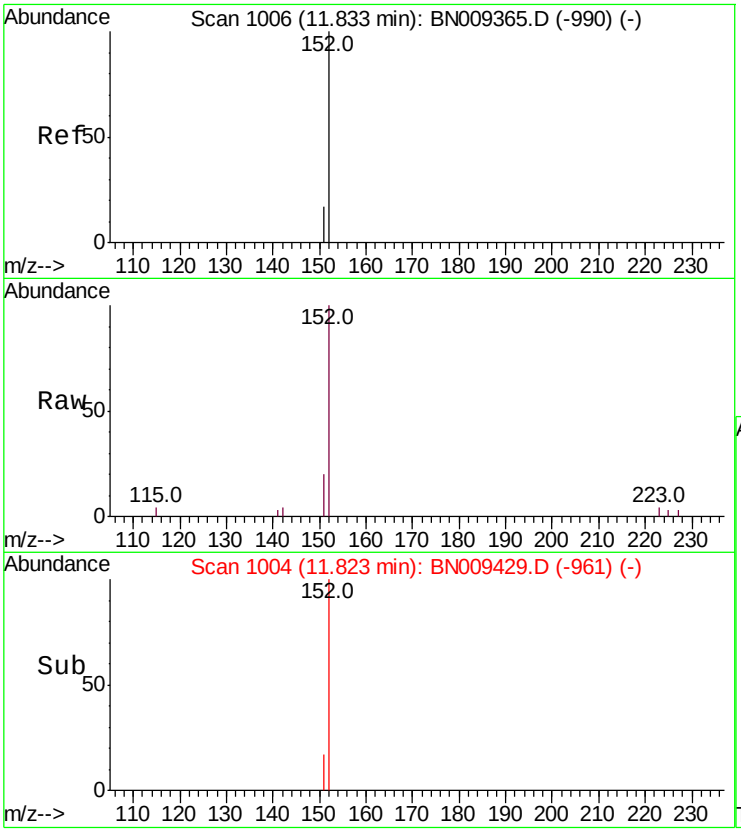


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 10.56 min Scan# 858
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:225 Resp: 1149

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	52.6	78.8



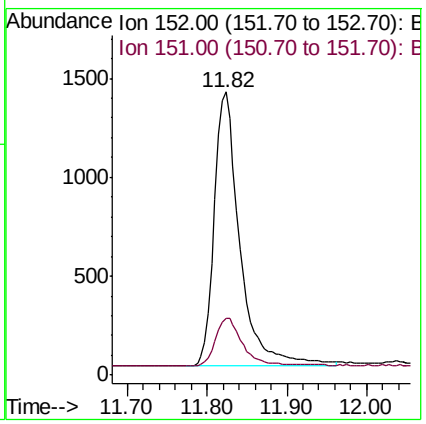


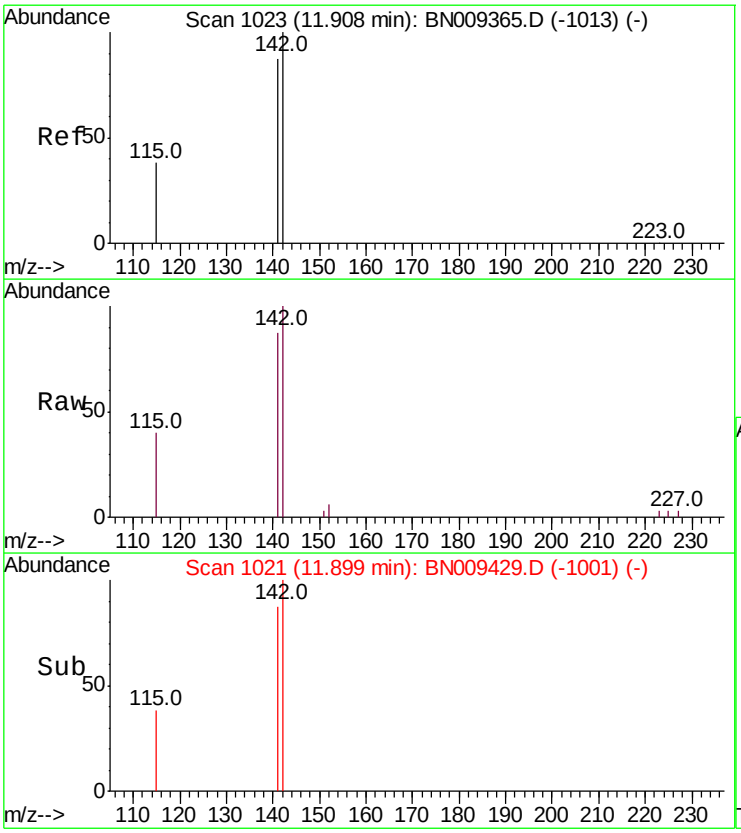
#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3079

Ion	Ratio	Lower	Upper
152	100		
151	18.6	14.8	22.2

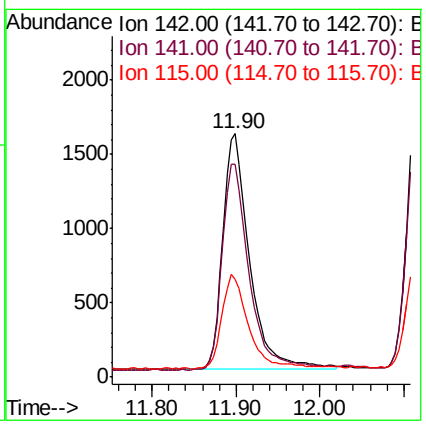


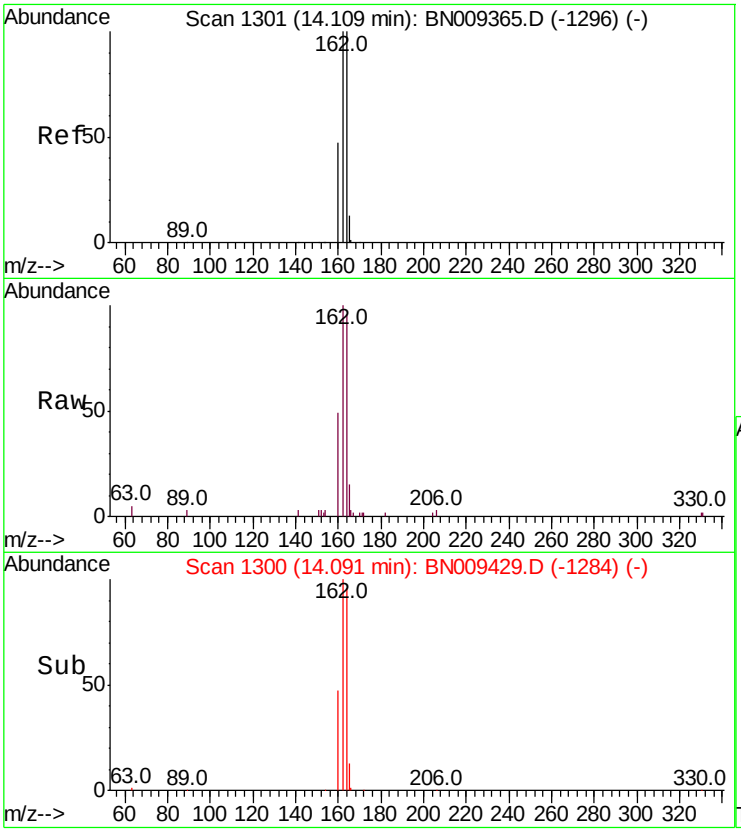


#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:142 Resp: 3510

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.8	104.6
115	39.9	32.5	48.7



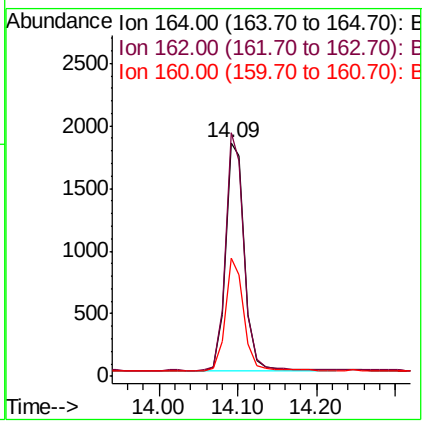


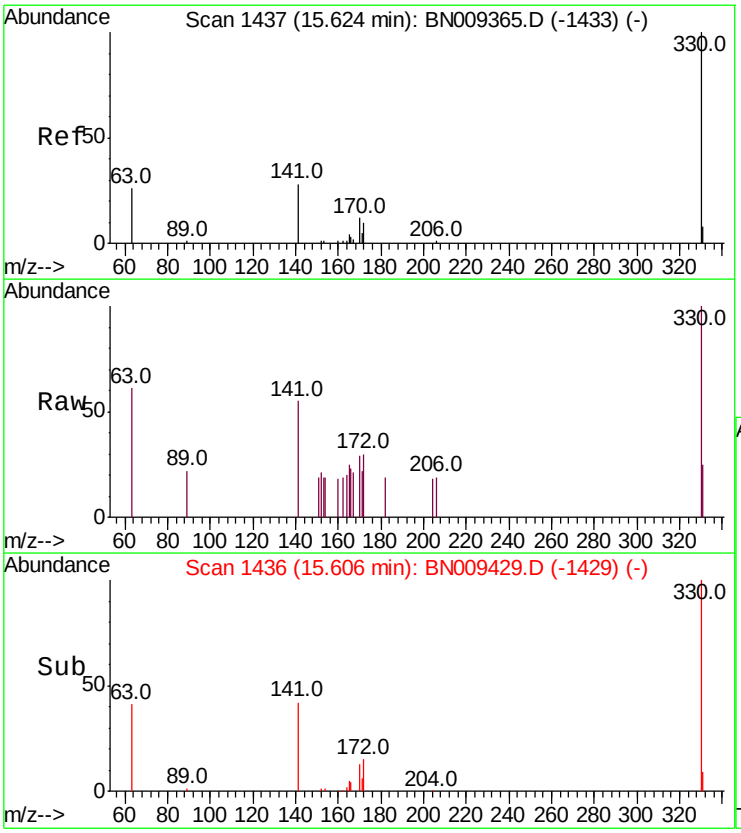
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.09 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3109

Ion	Ratio	Lower	Upper
164	100		
162	104.2	79.8	119.6
160	50.6	38.4	57.6

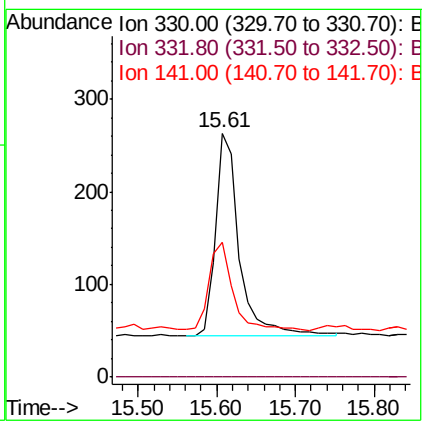


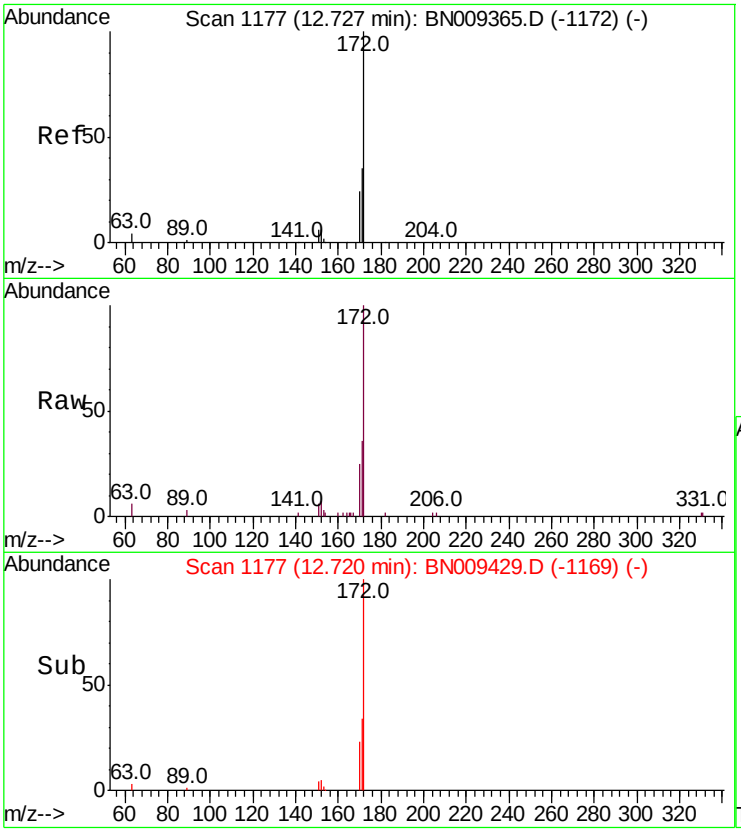


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.61 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:330 Resp: 458

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.3	33.1	49.7



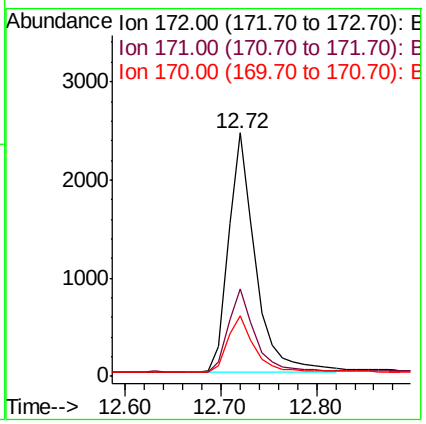


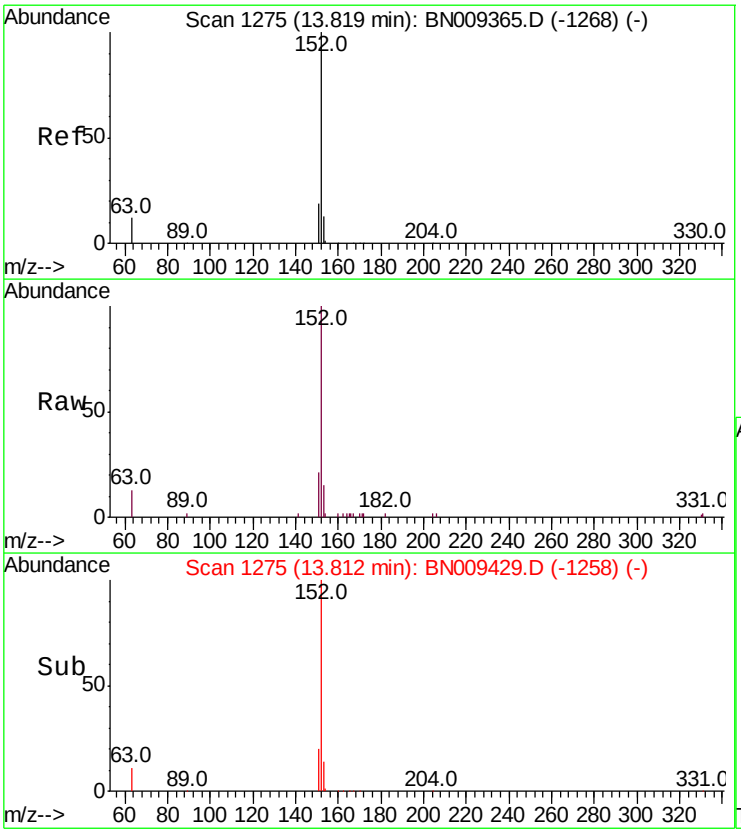
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4744

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	24.6	20.7	31.1

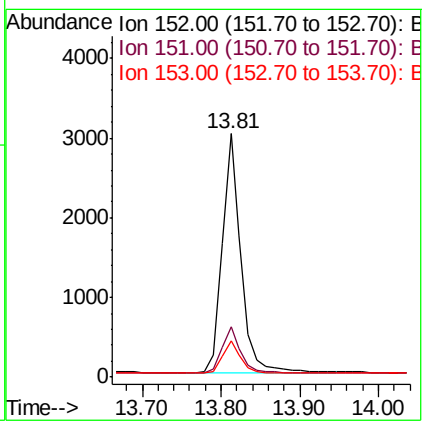


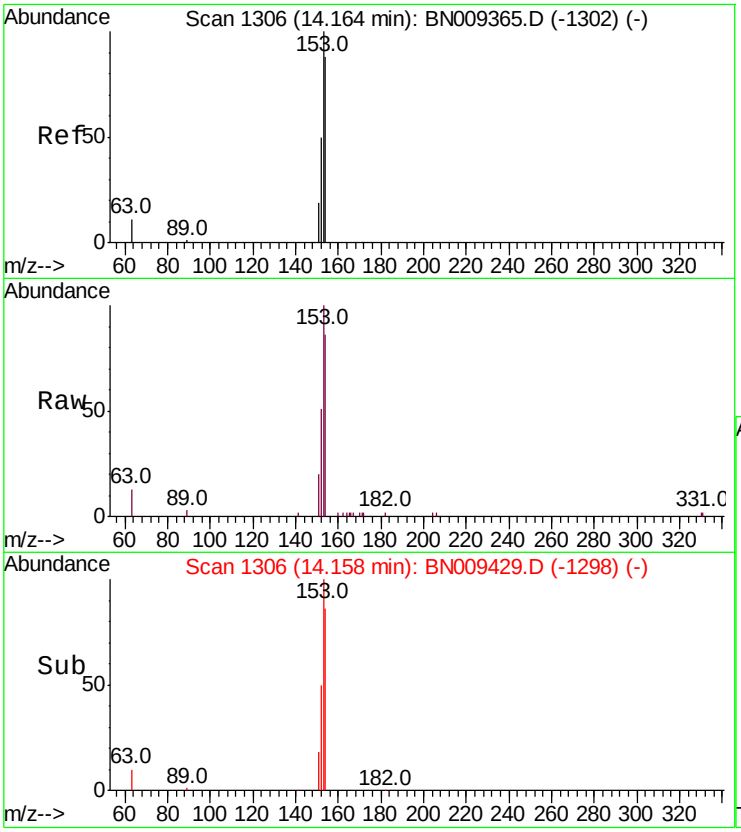


#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:152 Resp: 5055

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.2
153	13.5	10.4	15.6



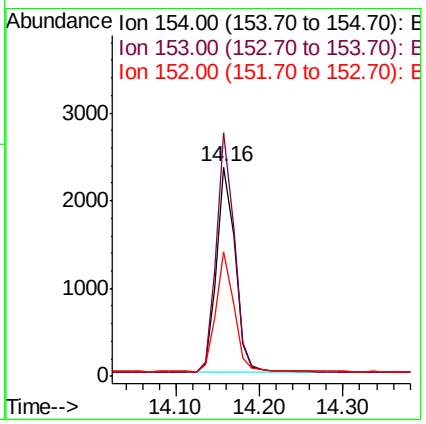


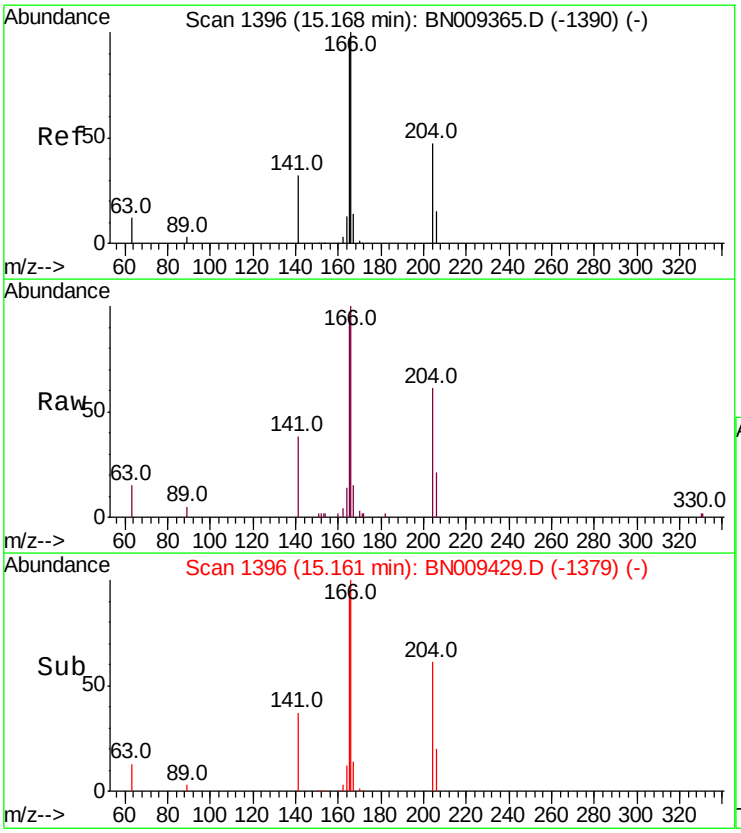
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3618

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.5	135.7
152	57.1	45.3	67.9

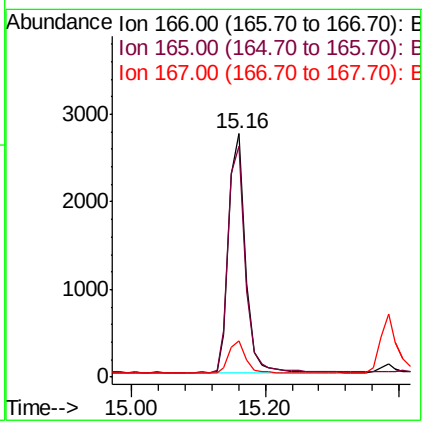


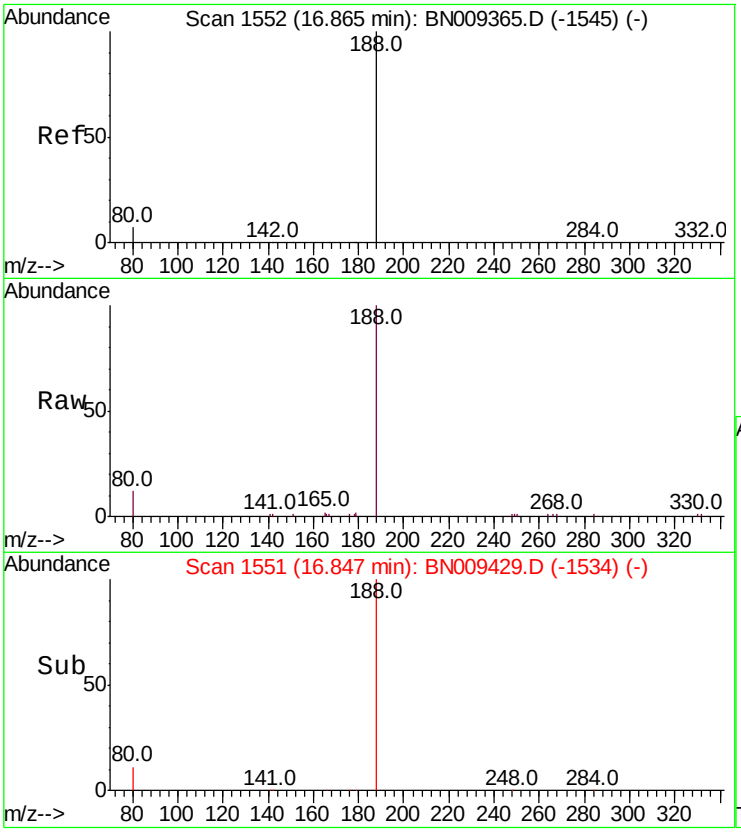


#18
Fluorene
Concen: 0.382 ng
RT: 15.16 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:166 Resp: 4698

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.2	117.2
167	13.6	11.0	16.6



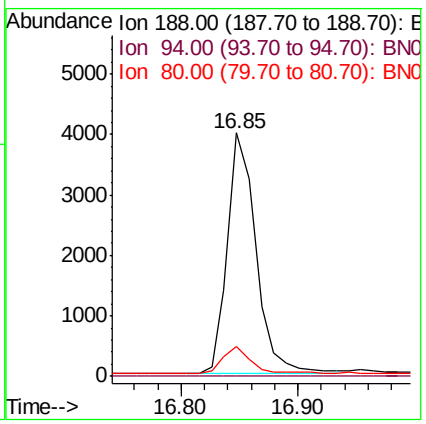


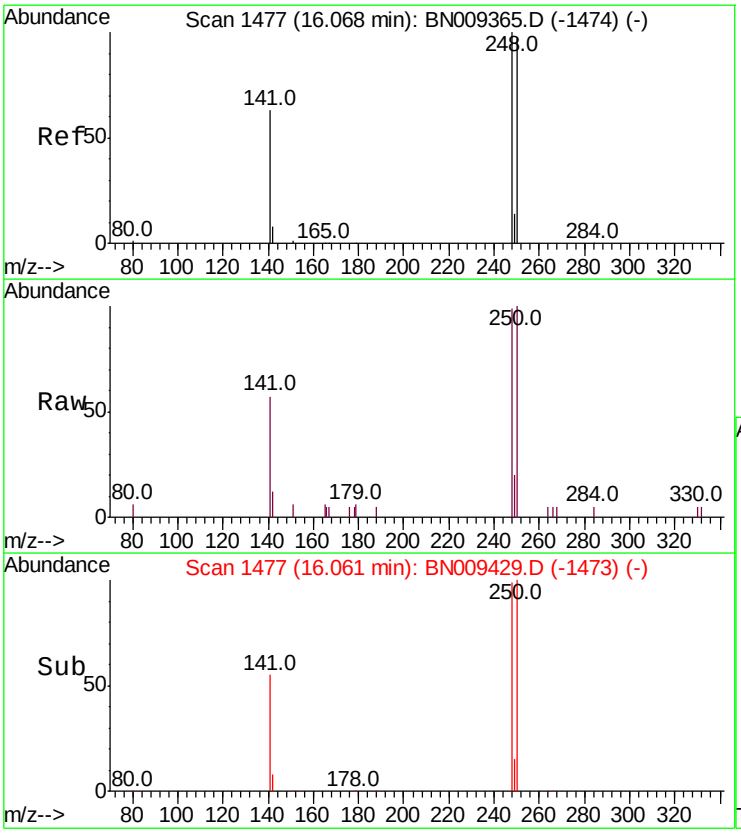
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6746

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	6.6	10.0#

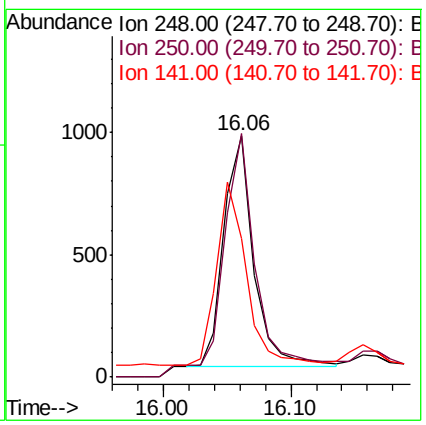


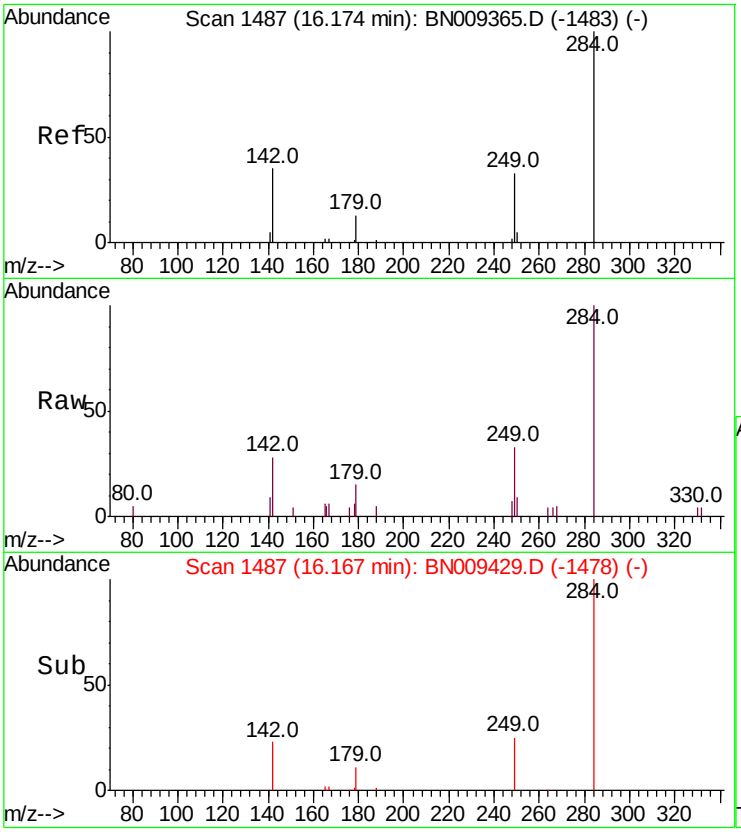


#20
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.06 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:248 Resp: 1533

Ion	Ratio	Lower	Upper
248	100		
250	100.9	77.8	116.8
141	57.5	53.4	80.0



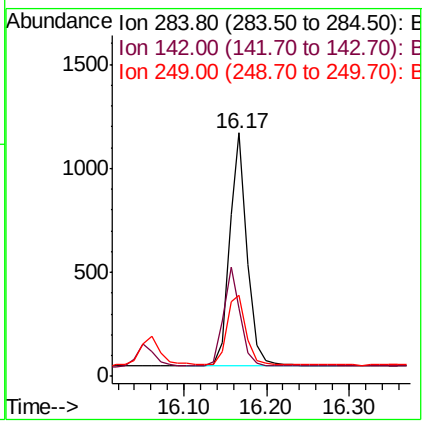


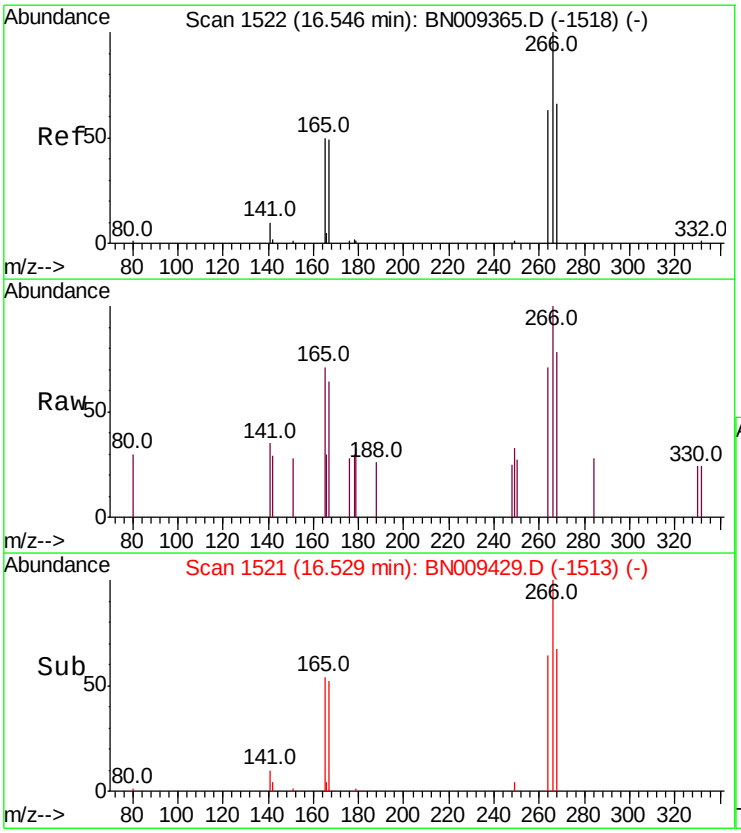
#21
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1677

Ion	Ratio	Lower	Upper
284	100		
142	40.8	33.8	50.8
249	32.6	27.0	40.4

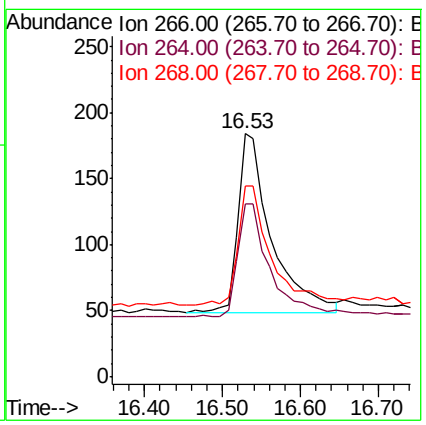


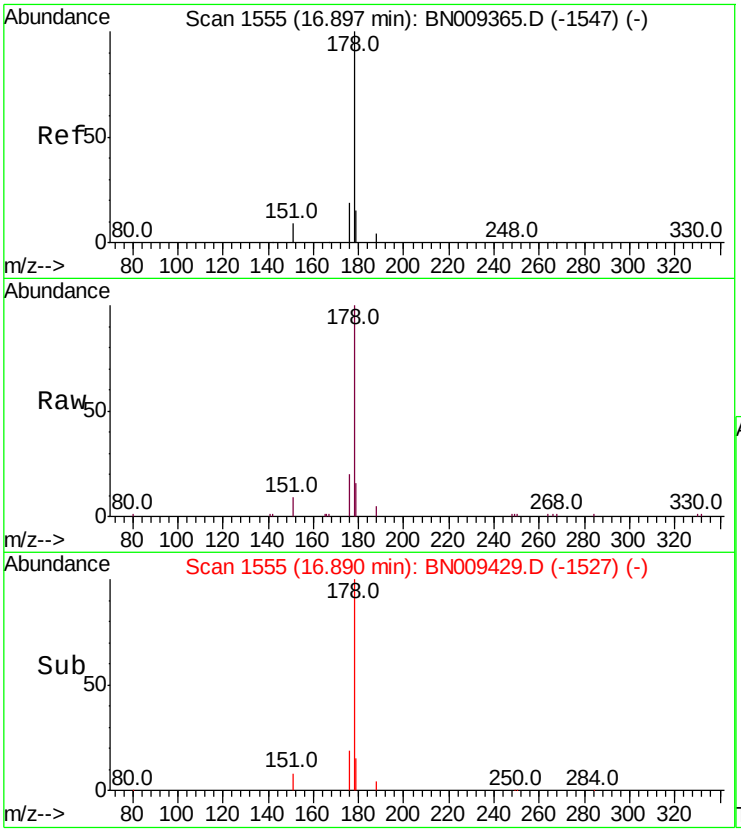


#22
Pentachlorophenol
Concen: 0.415 ng
RT: 16.53 min Scan# 1521
Delta R.T. -0.02 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:266 Resp: 409

Ion	Ratio	Lower	Upper
266	100		
264	71.2	57.8	86.6
268	78.3	63.8	95.6



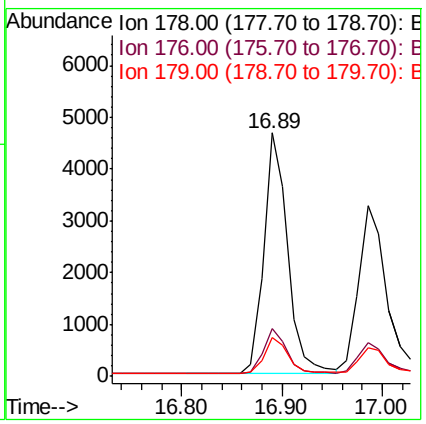


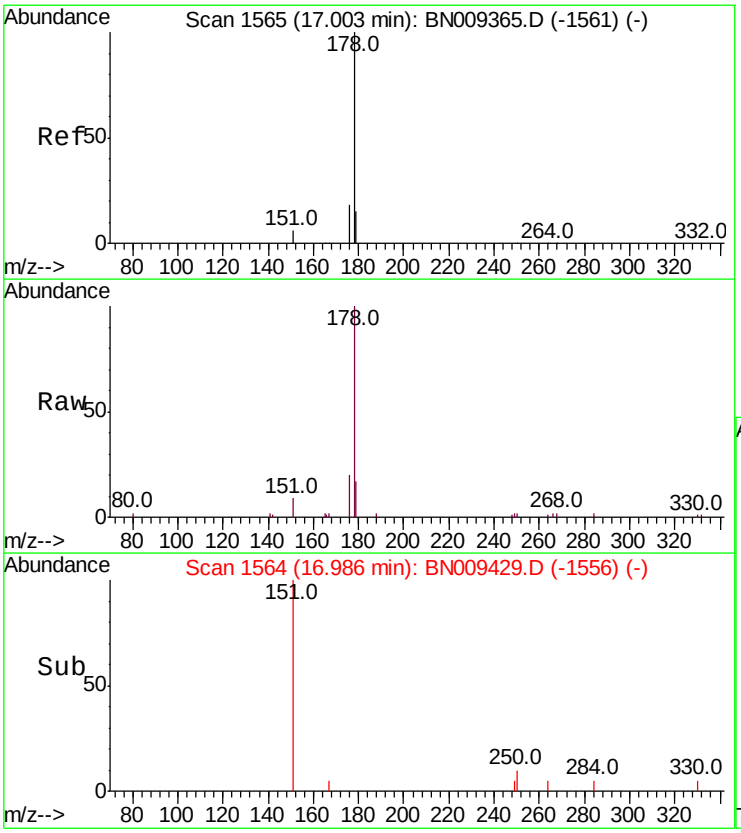
#23
Phenanthrene
Concen: 0.377 ng
RT: 16.89 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 7650

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.3	12.3	18.5

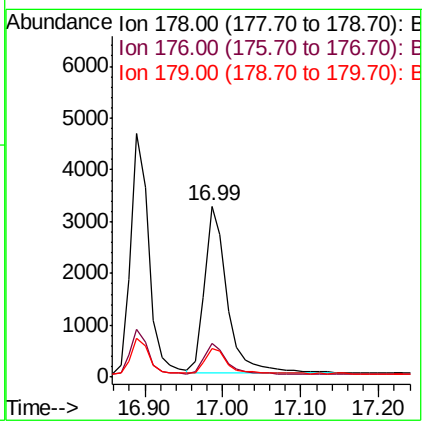


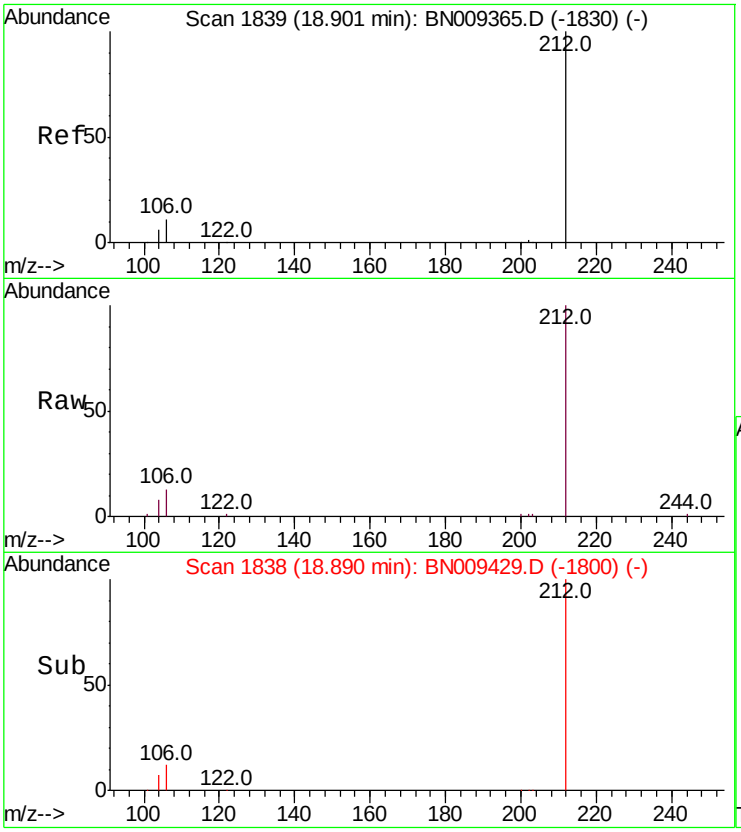


#24
Anthracene
Concen: 0.376 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:178 Resp: 6402

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	14.9	12.5	18.7



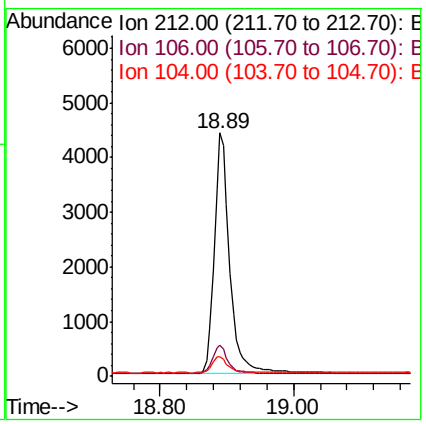


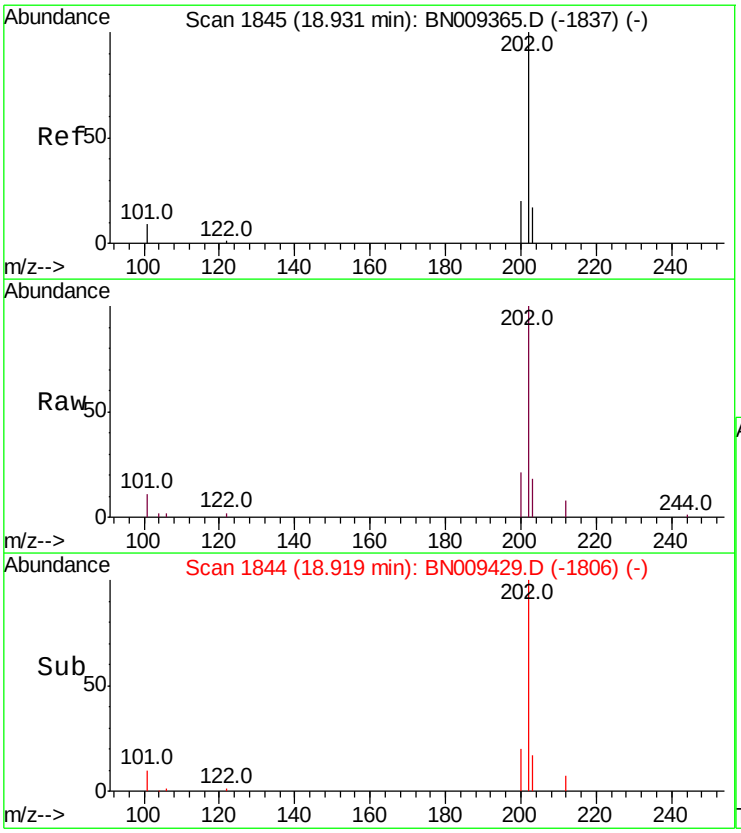
#25
Fluoranthene-d10
Concen: 0.307 ng
RT: 18.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7103

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.2	13.8
104	6.9	5.4	8.0

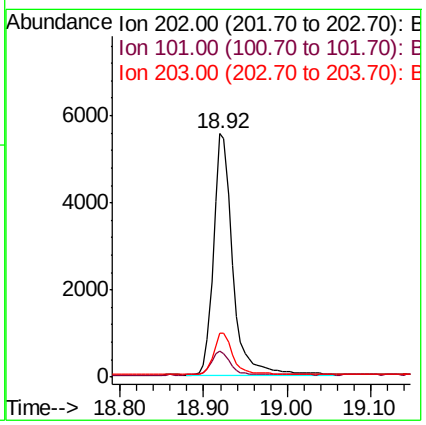


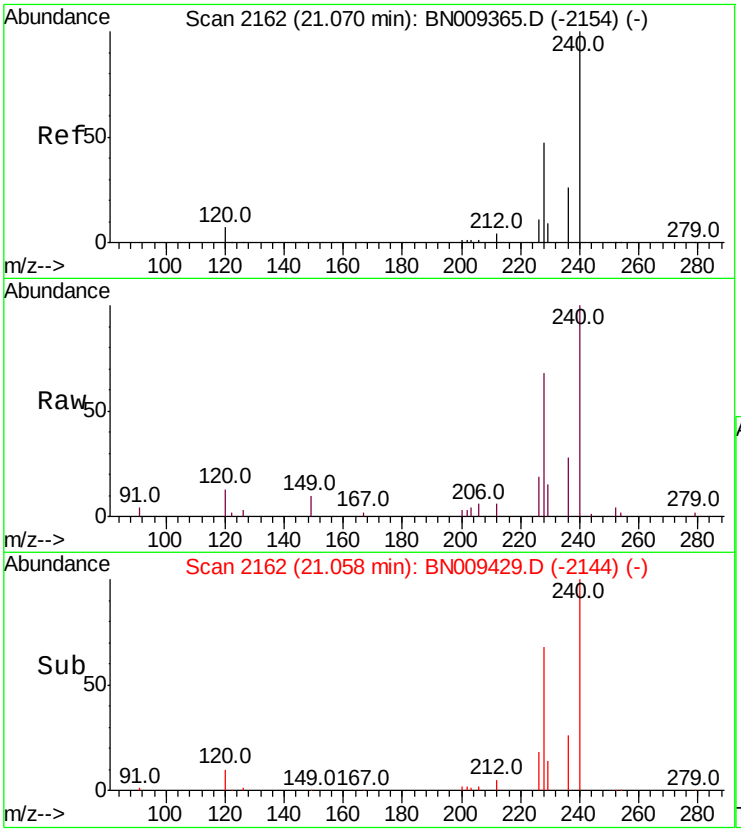


#26
Fluoranthene
Concen: 0.370 ng
RT: 18.92 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:202 Resp: 8794

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
203	17.0	13.5	20.3



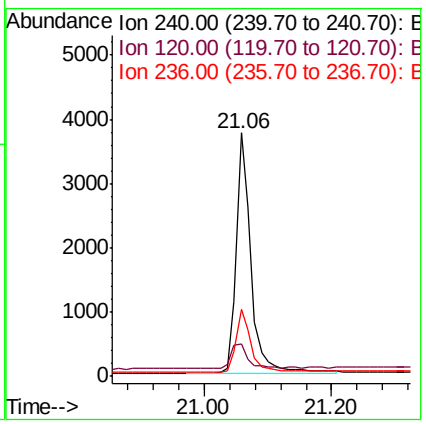


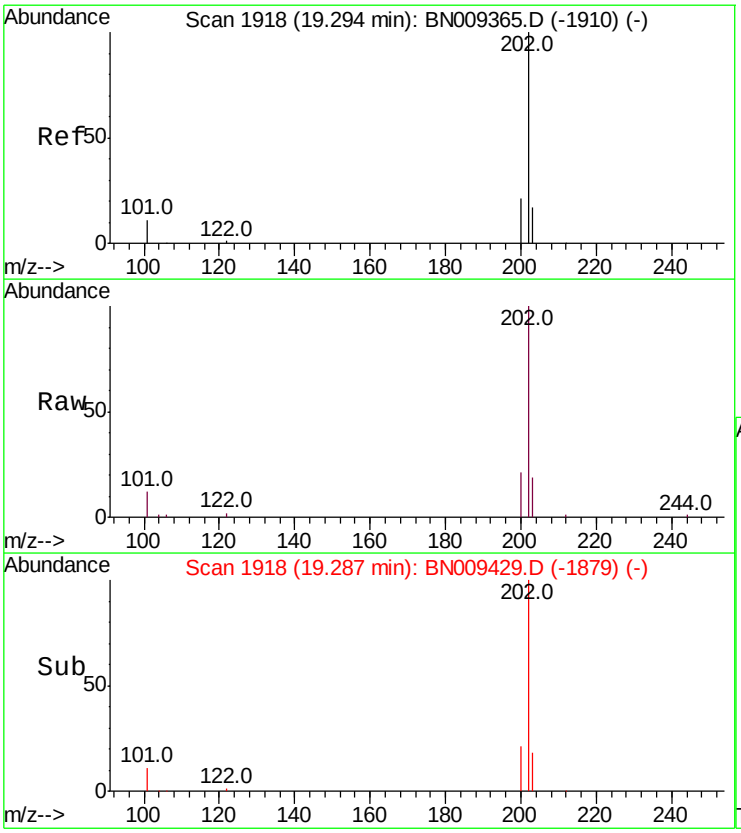
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 5947

Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.1	12.1#
236	27.7	22.2	33.4

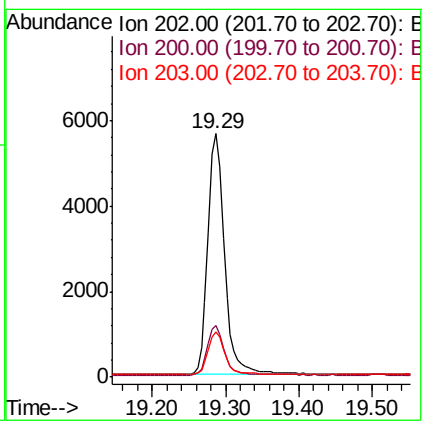


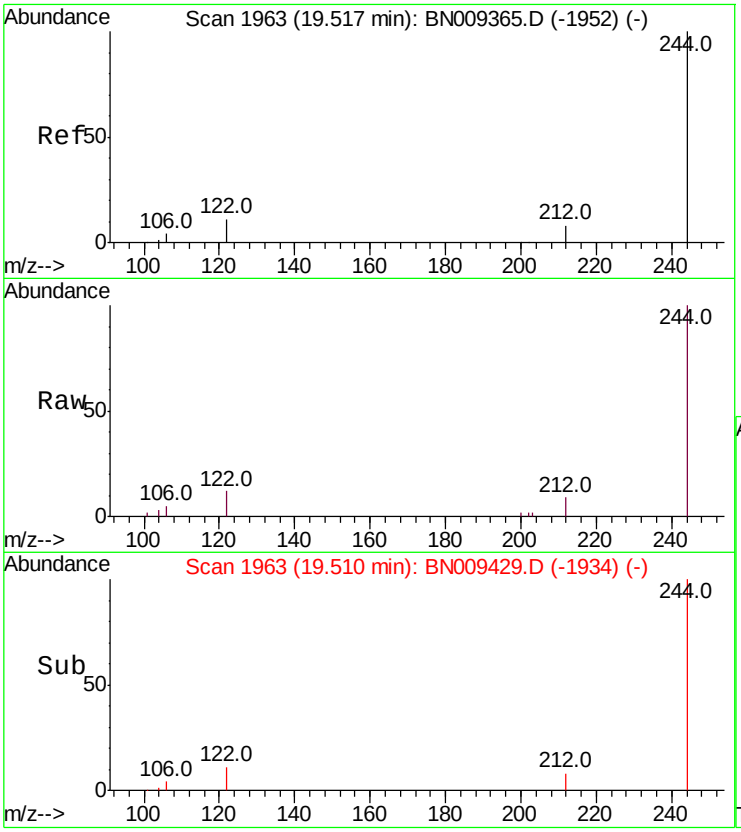


#28
Pyrene
Concen: 0.397 ng
RT: 19.29 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:202 Resp: 8940

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.3	14.1	21.1



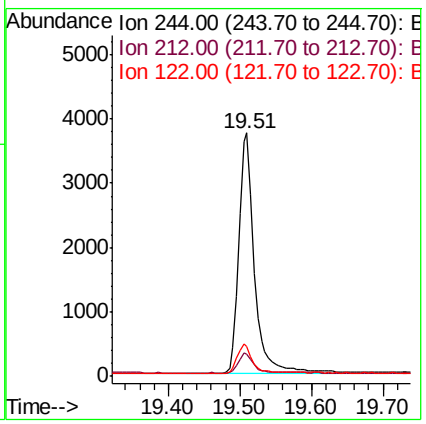


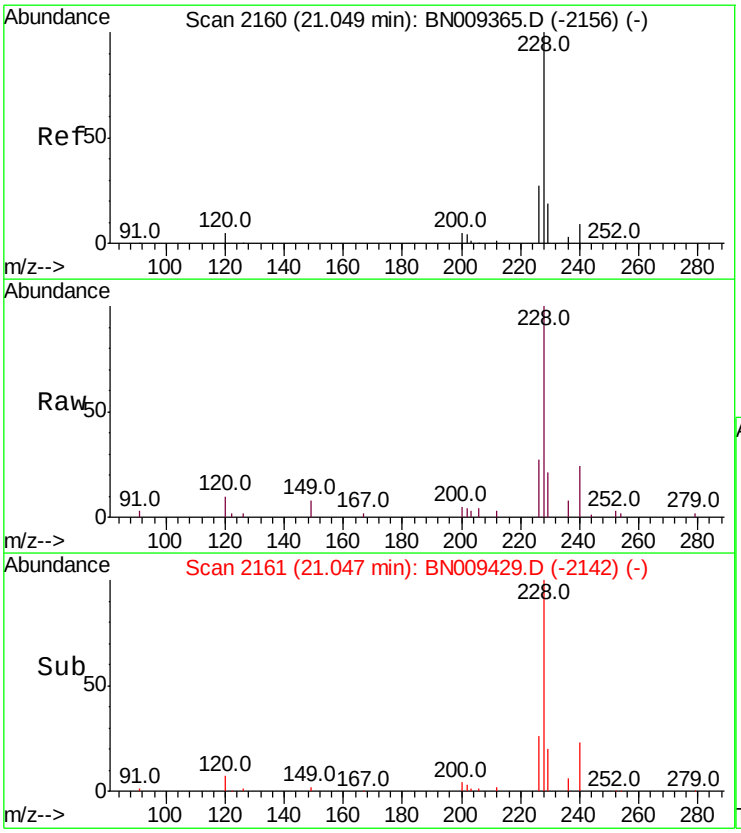
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 5691

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.5	11.3
122	12.0	9.8	14.6

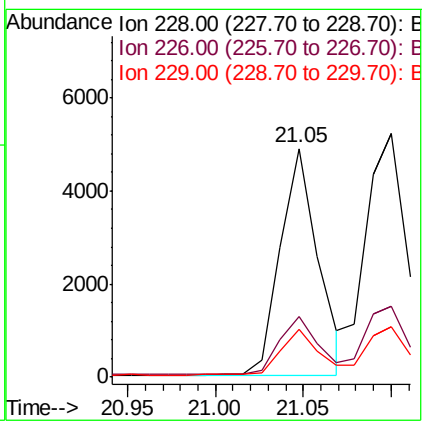


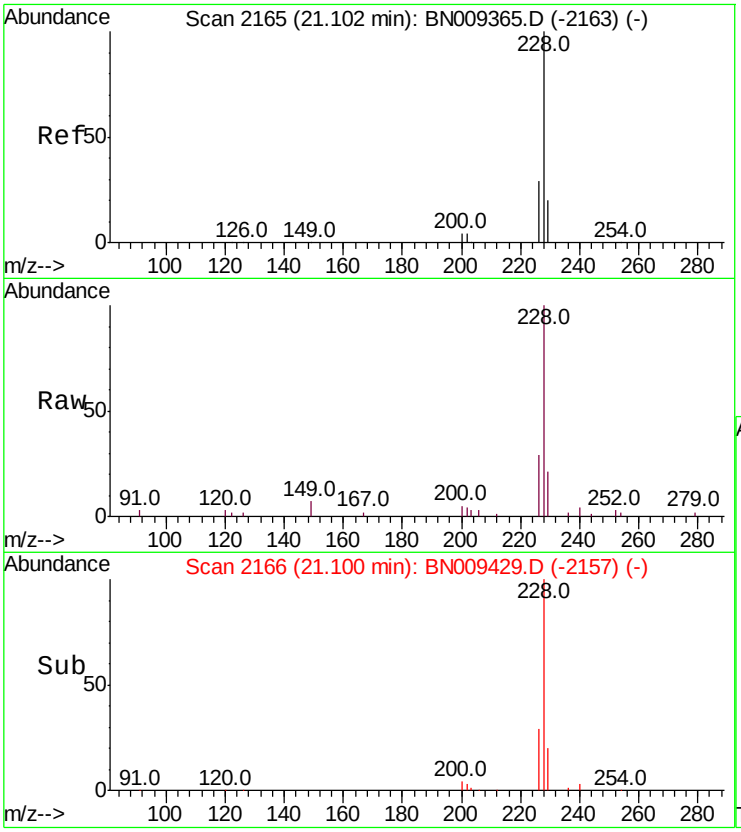


#30
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:228 Resp: 7290

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.5	33.7
229	20.7	16.1	24.1



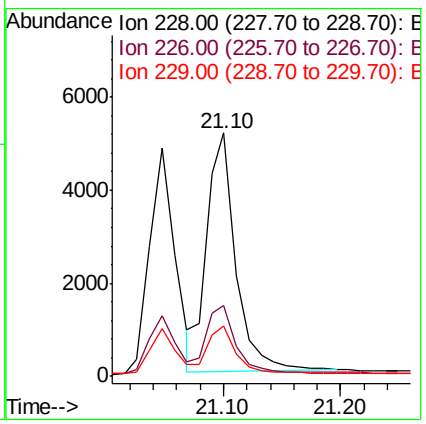


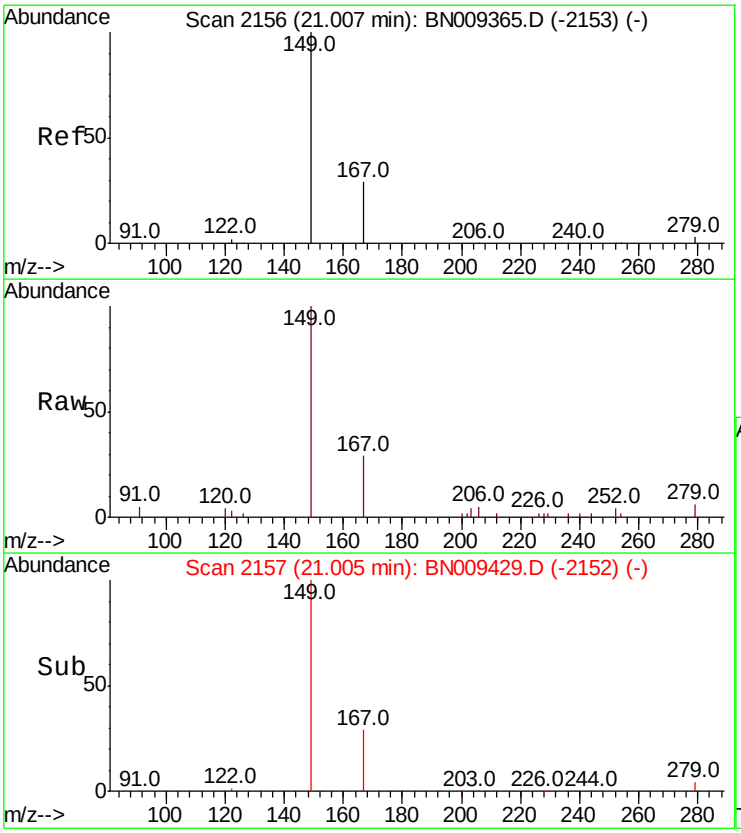
#31
Chrysene
Concen: 0.395 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8832

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	20.8	16.6	24.8

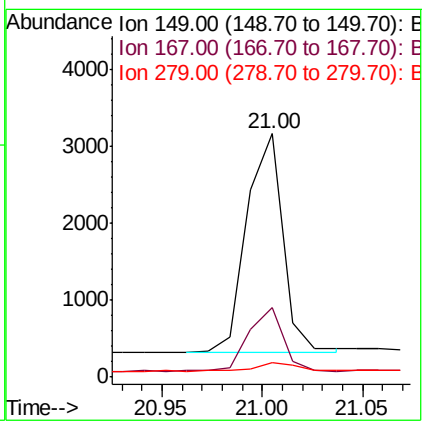


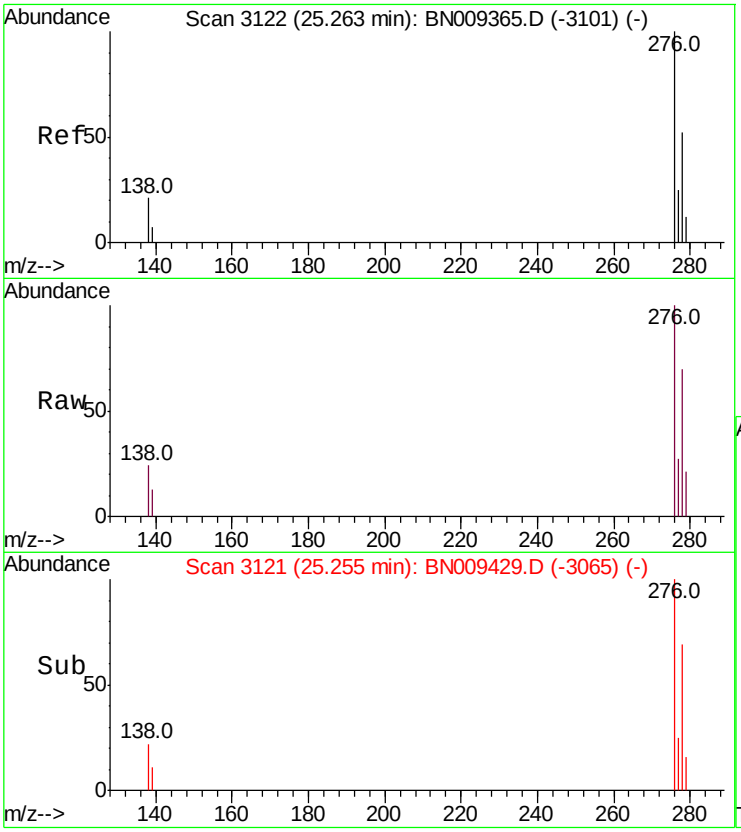


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.414 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:149 Resp: 3576

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.9	34.3
279	4.3	3.4	5.0



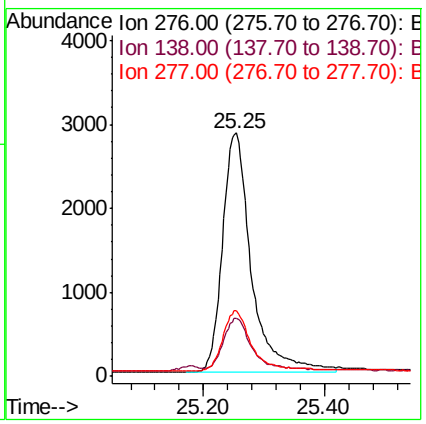


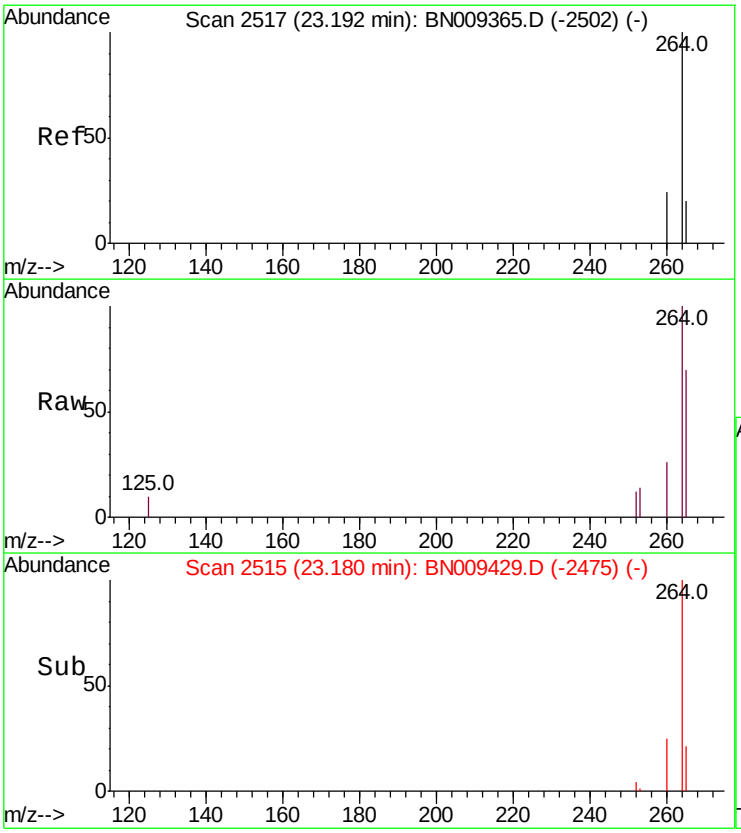
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 25.25 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9437

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.9	23.9
277	24.7	19.8	29.6

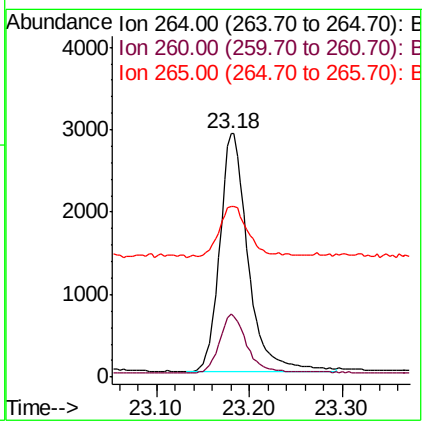


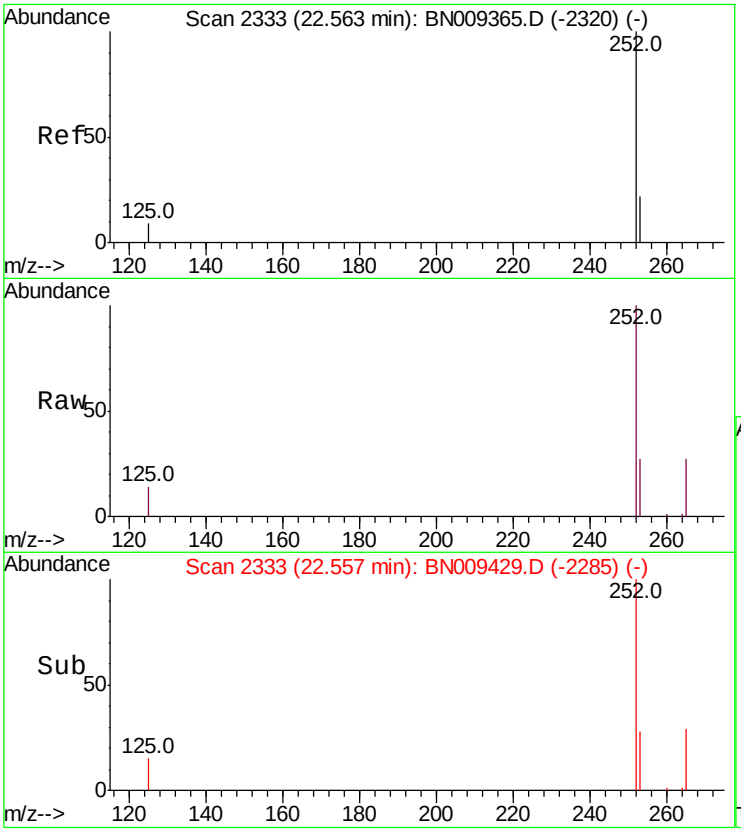


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.18 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:264 Resp: 6141

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.1	30.1
265	70.2	68.2	102.4



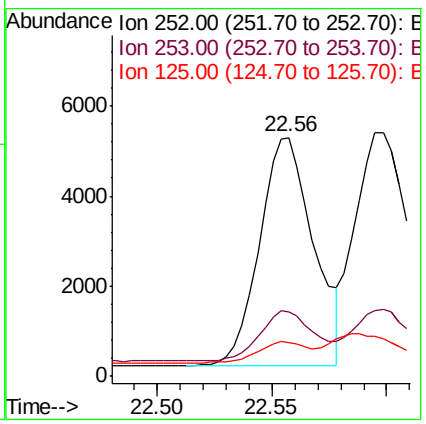


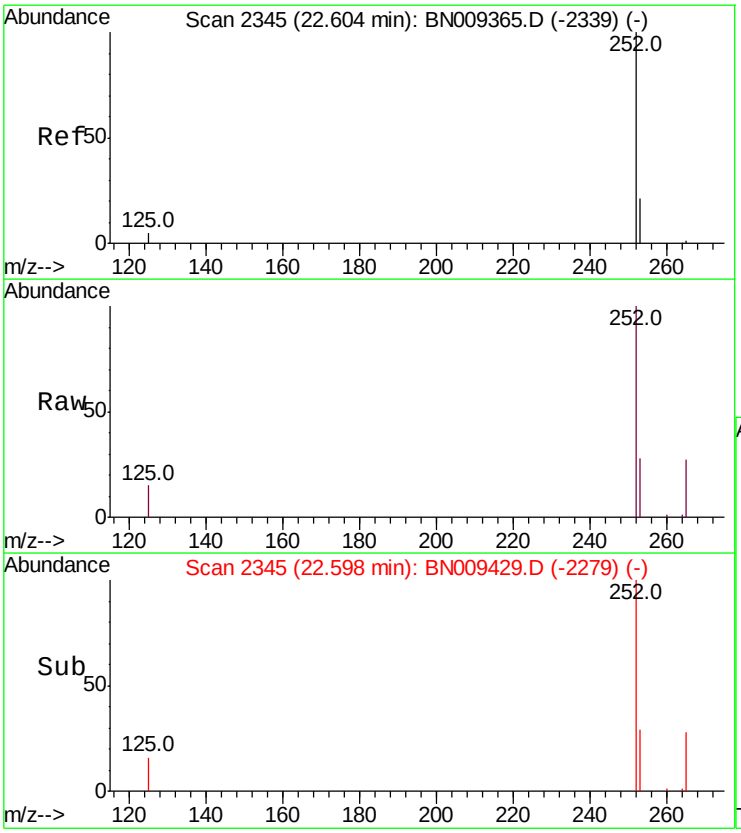
#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 22.56 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8310

Ion	Ratio	Lower	Upper
252	100		
253	27.1	22.4	33.6
125	14.2	11.6	17.4

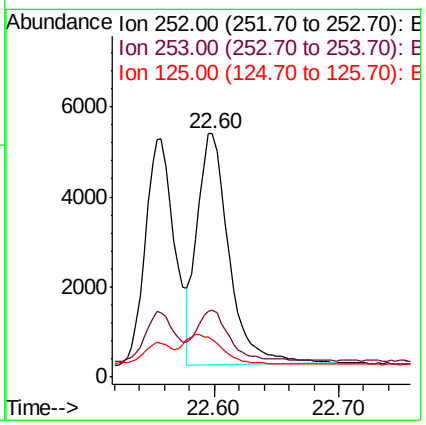


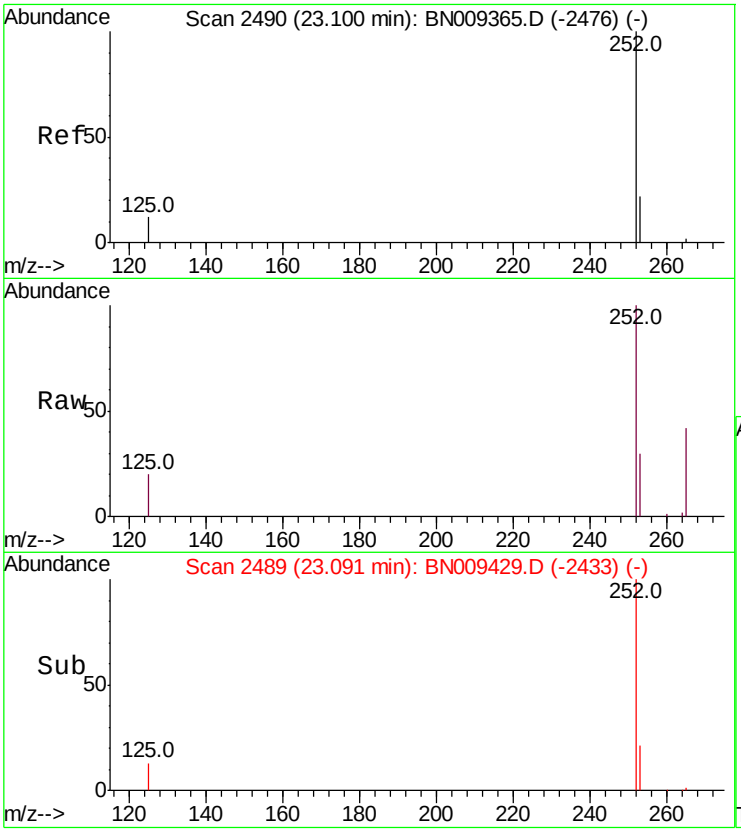


#36
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 22.60 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:252 Resp: 9106

Ion	Ratio	Lower	Upper
252	100		
253	27.8	21.9	32.9
125	15.3	12.0	18.0



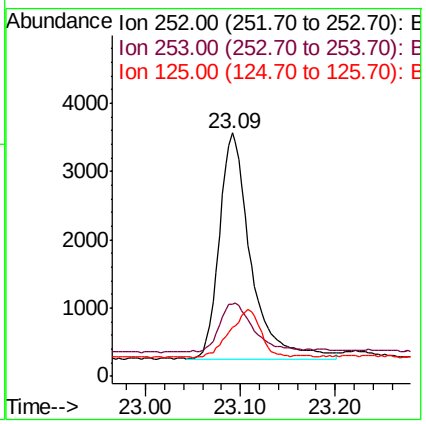


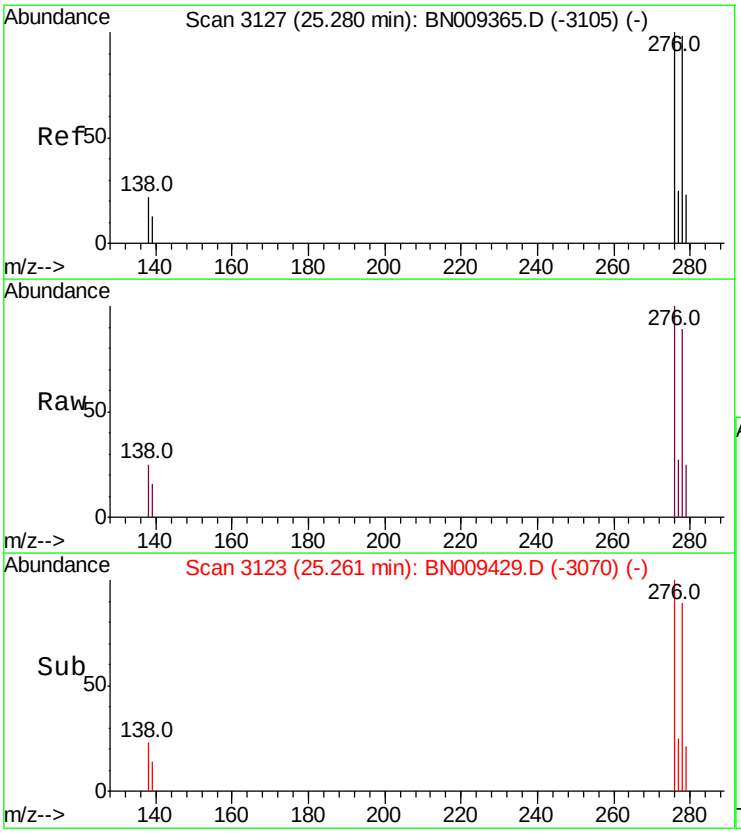
#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.09 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7651

Ion	Ratio	Lower	Upper
252	100		
253	29.7	25.4	38.0
125	20.1	16.2	24.2

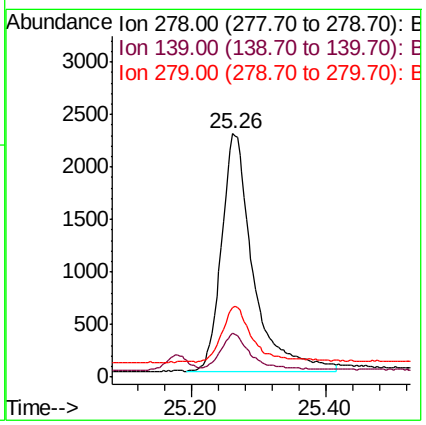


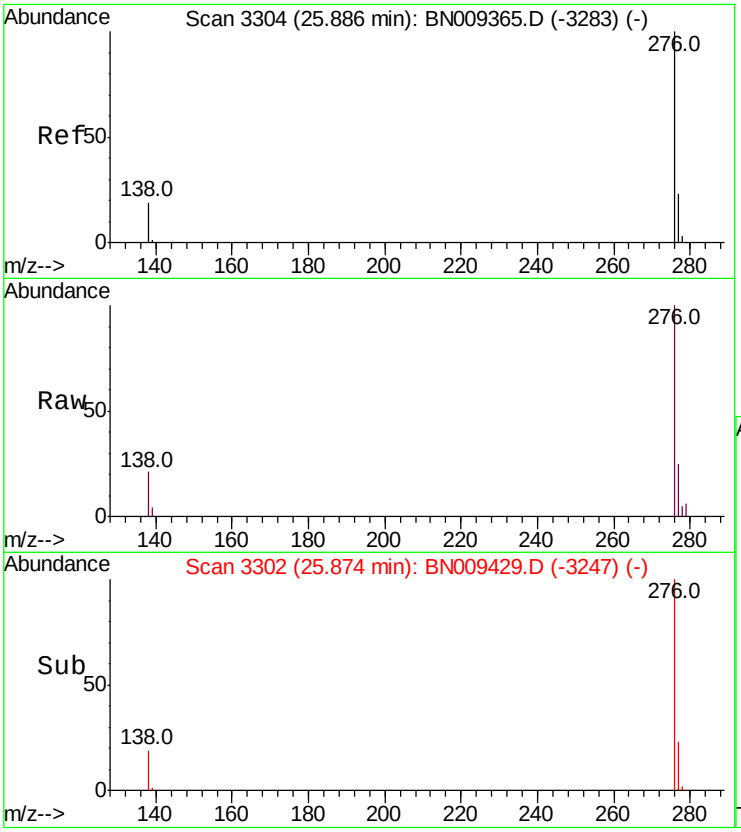


#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 25.26 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Tgt Ion:278 Resp: 7414

Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.5	21.7
279	28.6	24.2	36.4





#39
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 25.87 min Scan# 3302
Delta R.T. -0.01 min
Lab File: BN009429.D
Acq: 23 Jan 2020 18:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8084

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.6	30.8
138	21.3	17.1	25.7