Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007574.D
Acq On : 10 Sep 2019 13:41
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 10 14:24:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 14:17:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	4916	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	20606	0.40	ng		0.00
13) Acenaphthene-d10	14.35	164	11932	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	29446	0.40	ng		0.00
27) Chrysene-d12	21.29	240	29945	0.40	ng		0.00
34) Perylene-d12	23.52	264	30266	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	5283	0.29	ng		0.00
5) Phenol-d6	6.90	99	6991	0.29	ng		0.00
8) Nitrobenzene-d5	8.86	82	4403	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	13687	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	1460	0.23	ng		0.00
15) 2-Fluorobiphenyl	12.98	172	19127	0.40	ng		0.00
25) Fluoranthene-d10	19.13	212	36381	0.38	ng		0.00
29) Terphenyl-d14	19.74	244	30452	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	1473	0.180	ng		100
3) n-Nitrosodimethylamine	3.03	42	1501	0.396	ng	#	100
6) bis(2-Chloroethyl)ether	7.19	93	2329	0.131	ng		99
9) Naphthalene	10.54	128	22426	0.381	ng		100
10) Hexachlorobutadiene	10.85	225	4601	0.381	ng	#	100
12) 2-Methylnaphthalene	12.17	142	15614	0.389	ng		100
16) Acenaphthylene	14.07	152	24240	0.343	ng		100
17) Acenaphthene	14.41	154	15483	0.375	ng		99
18) Fluorene	15.39	166	20348	0.389	ng		100
20) 4-Bromophenyl-phenylether	16.29	248	6640	0.572	ng		100
21) Hexachlorobenzene	16.40	284	7096	0.360	ng		100
22) Pentachlorophenol	16.74	266	1565	0.255	ng		100
23) Phenanthrene	17.13	178	34857	0.394	ng		100
24) Anthracene	17.22	178	31478	0.353	ng		100
26) Fluoranthene	19.16	202	41883	0.368	ng		100
28) Pyrene	19.52	202	42287	0.351	ng		100
30) Benzo(a)anthracene	21.27	228	41254	0.351	ng		100
31) Chrysene	21.32	228	42088	0.371	ng		100
32) Bis(2-ethylhexyl)phthalate	21.24	149	12351	0.140	ng		100
33) Indeno(1,2,3-cd)pyrene	25.75	276	44552	0.326	ng	#	100
35) Benzo(b)fluoranthene	22.85	252	41284	0.376	ng		100
36) Benzo(k)fluoranthene	22.90	252	40414	0.373	ng		100
37) Benzo(a)pyrene	23.42	252	36028	0.345	ng		100
38) Dibenzo(a,h)anthracene	25.76	278	36547	0.351	ng		100
39) Benzo(g,h,i)perylene	26.42	276	37438	0.361	ng		100

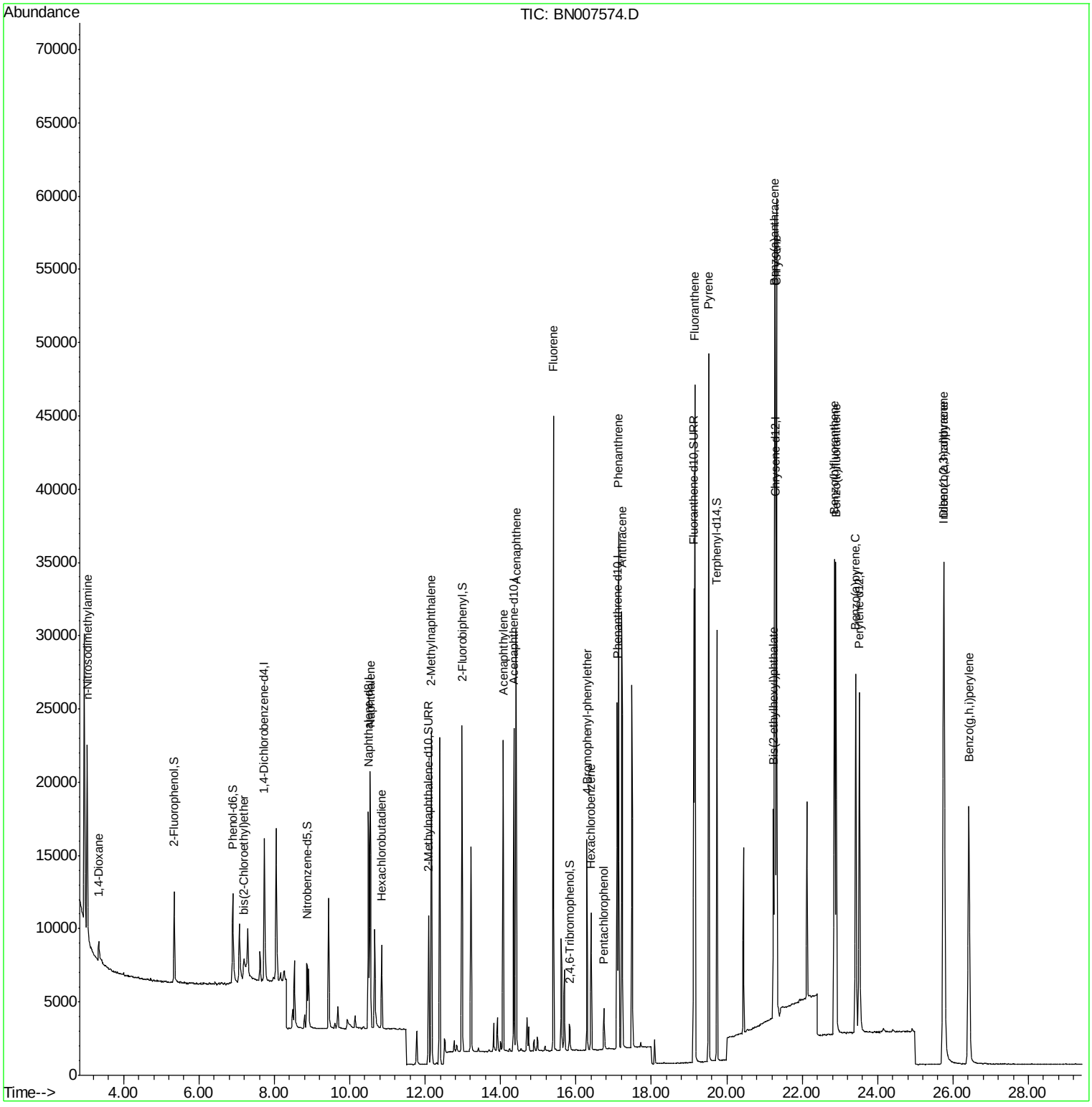
(#) = qualifier out of range (m) = manual integration (+) = signals summed

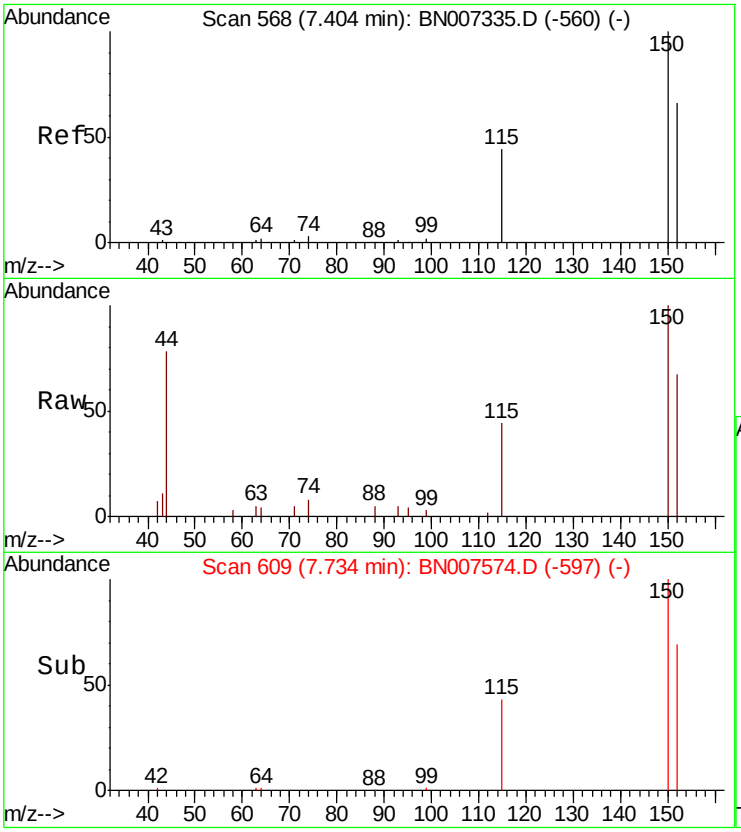
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091019\
Data File : BN007574.D
Acq On : 10 Sep 2019 13:41
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 10 14:24:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 14:17:20 2019
Response via : Initial Calibration



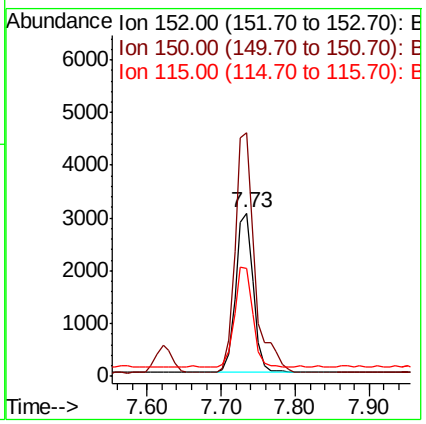


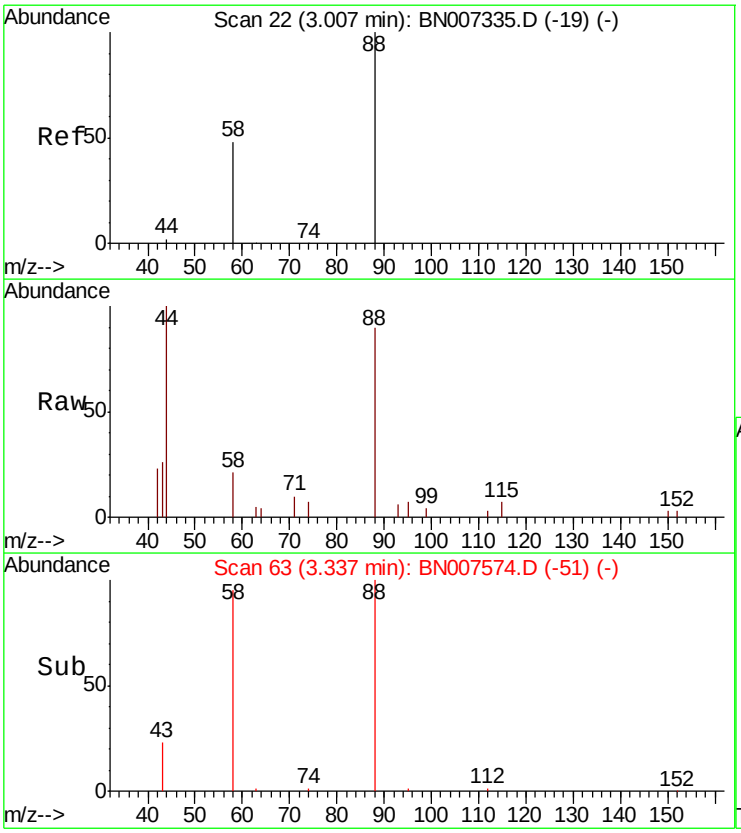
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 609
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4916

Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	66.3	53.0	79.6

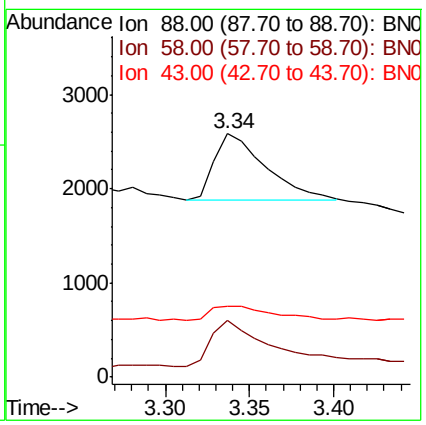


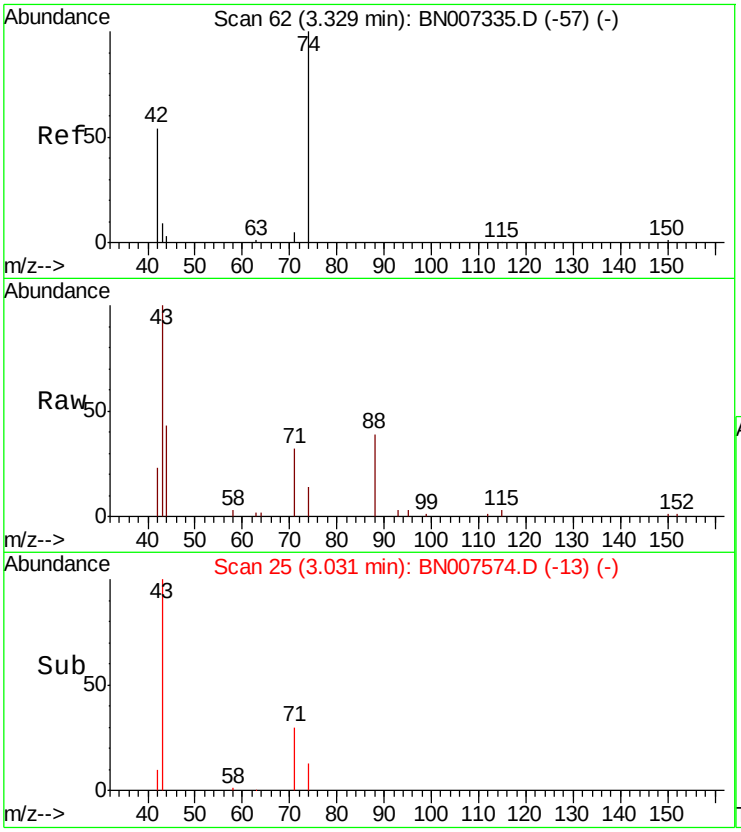


#2
1,4-Dioxane
Concen: 0.180 ng
RT: 3.34 min Scan# 63
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion: 88 Resp: 1473

Ion	Ratio	Lower	Upper
88	100		
58	80.7	64.6	96.8
43	24.0	19.2	28.8



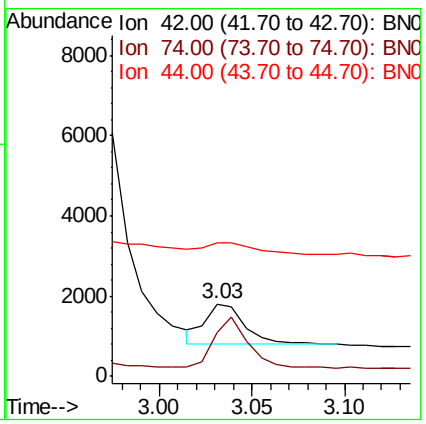


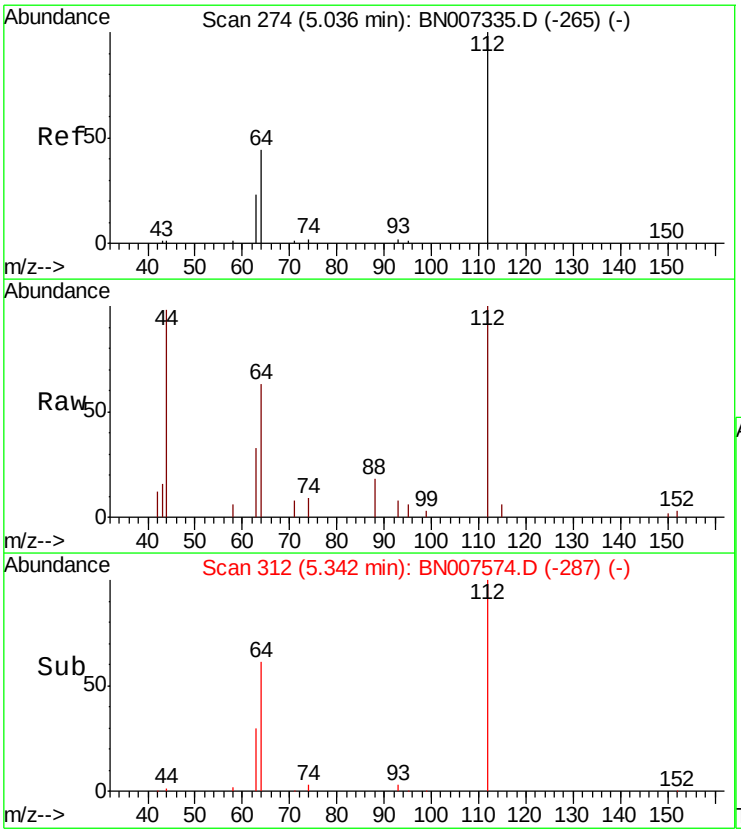
#3
n-Nitrosodimethylamine
Concen: 0.396 ng
RT: 3.03 min Scan# 25
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1501

Ion	Ratio	Lower	Upper
42	100		
74	108.5	0.0	0.0#
44	38.0	0.0	0.0#

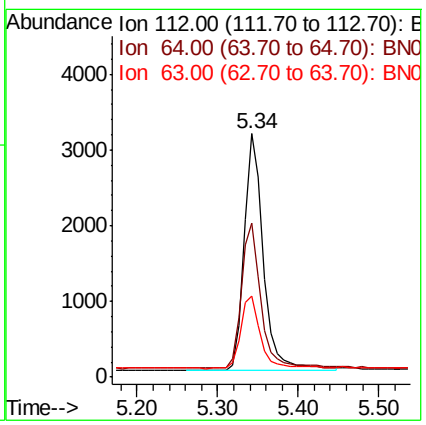


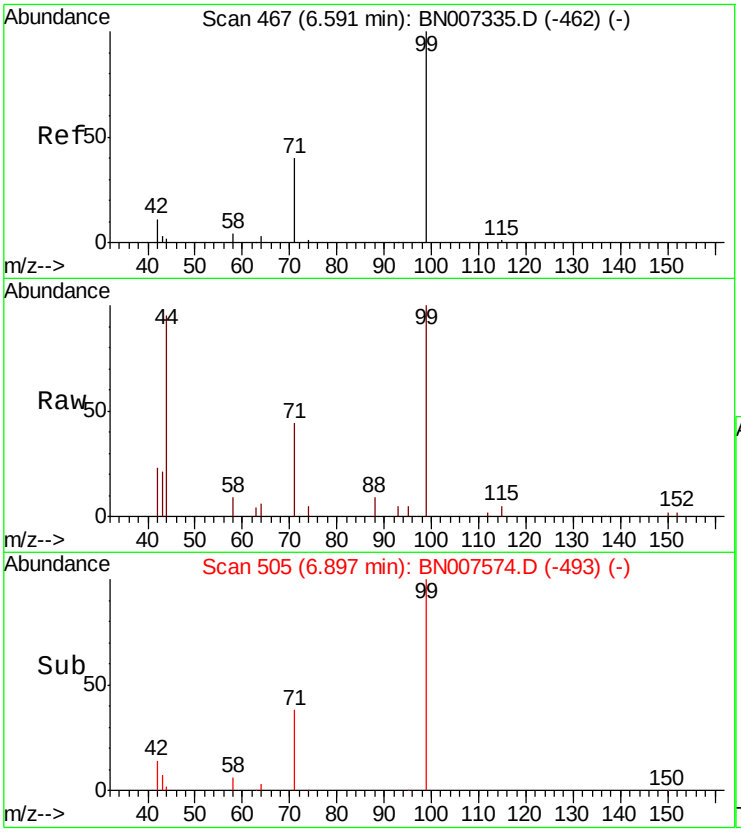


#4
2-Fluorophenol
Concen: 0.288 ng
RT: 5.34 min Scan# 312
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:112 Resp: 5283

Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.2	73.8
63	32.5	26.0	39.0



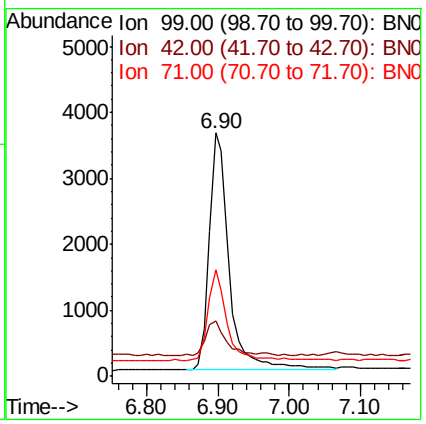


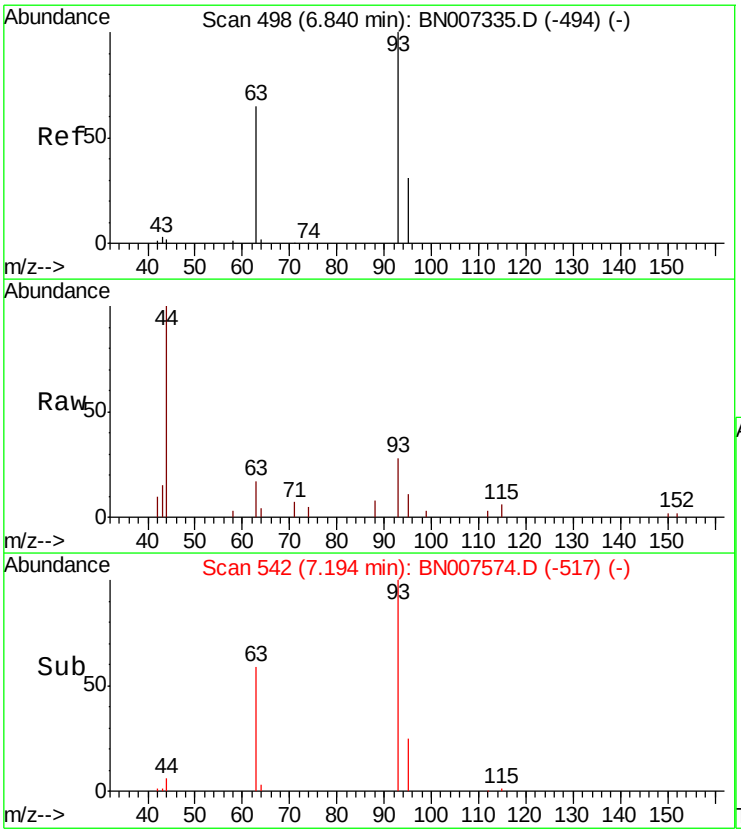
#5
Phenol-d6
Concen: 0.291 ng
RT: 6.90 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6991

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.8	17.8
71	36.0	28.8	43.2

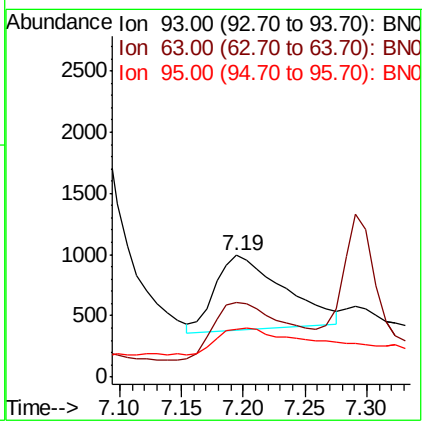


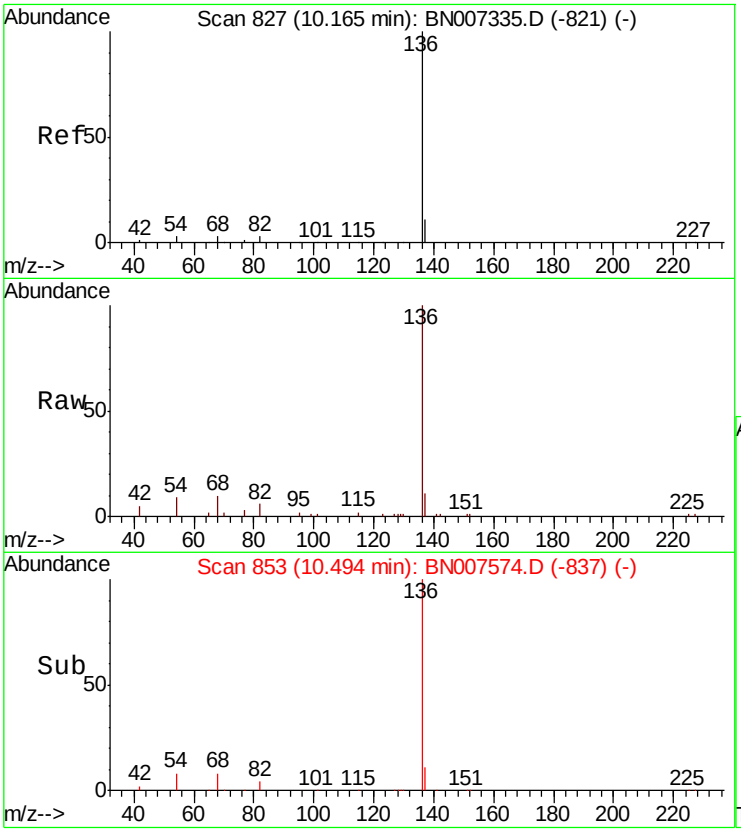


#6
bis(2-Chloroethyl)ether
Concen: 0.131 ng
RT: 7.19 min Scan# 542
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion: 93 Resp: 2329

Ion	Ratio	Lower	Upper
93	100		
63	87.2	69.8	104.6
95	55.6	42.8	64.2



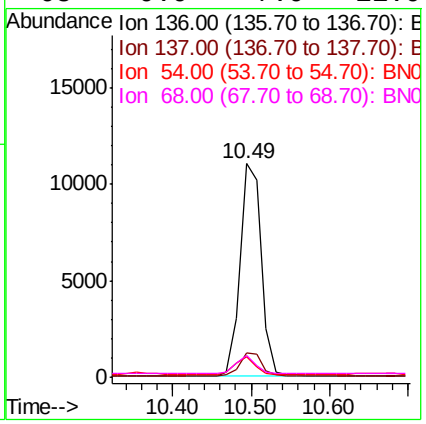


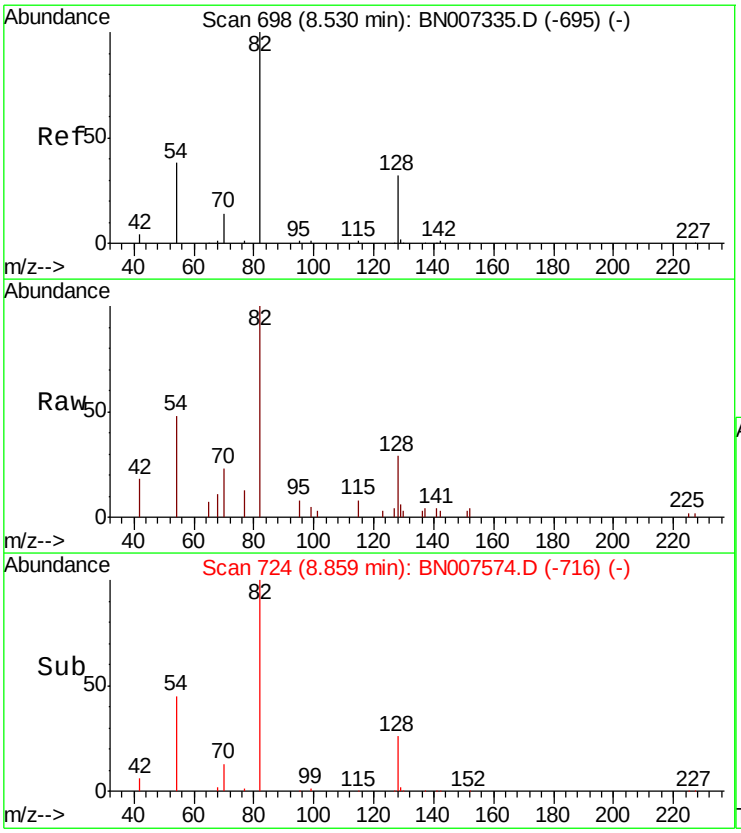
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 20606

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.4	7.5	11.3
68	9.9	7.9	11.9

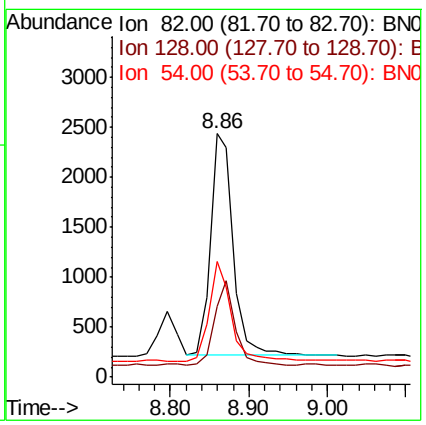


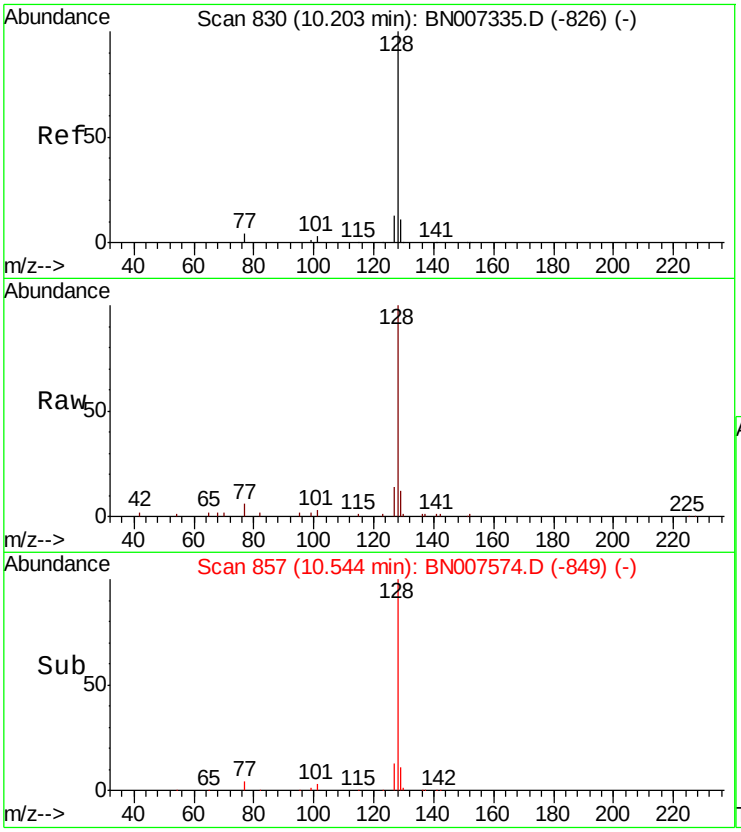


#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 8.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion: 82 Resp: 4403

Ion	Ratio	Lower	Upper
82	100		
128	29.3	23.4	35.2
54	47.7	38.2	57.2



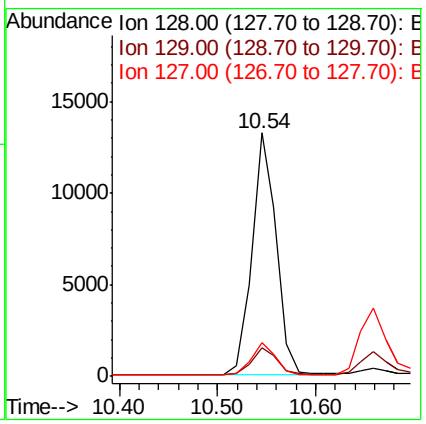


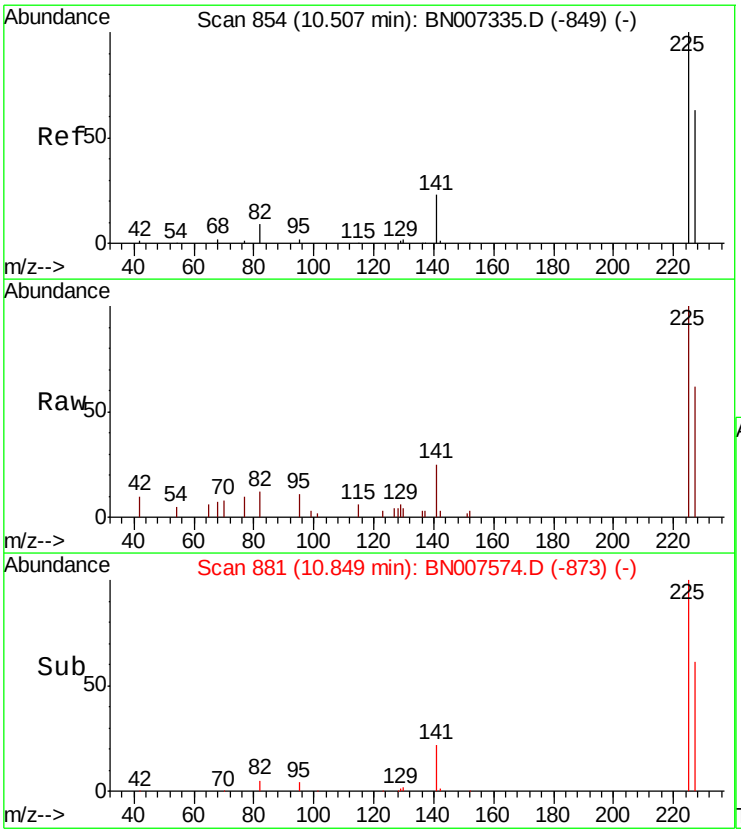
#9
Naphthalene
Concen: 0.381 ng
RT: 10.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 22426

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.7	11.0	16.4

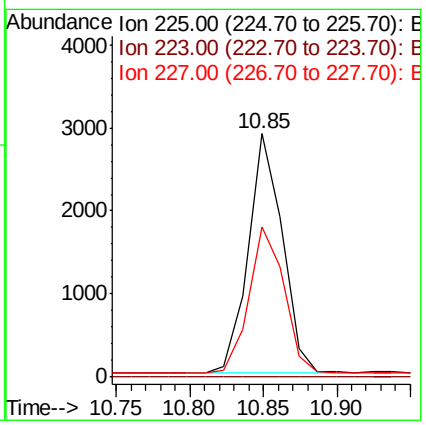


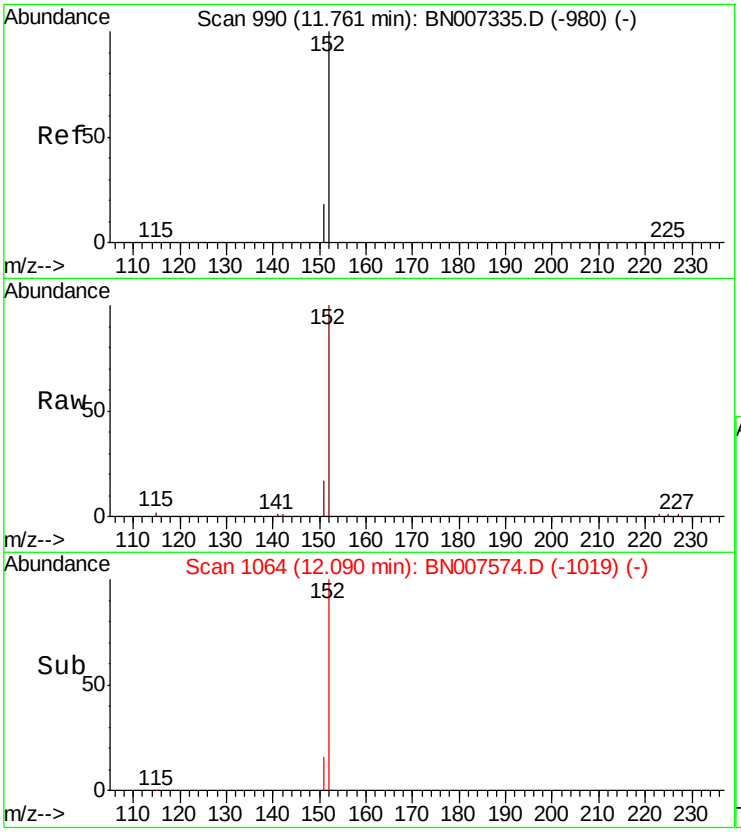


#10
Hexachlorobutadiene
Concen: 0.381 ng
RT: 10.85 min Scan# 881
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:225 Resp: 4601

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	50.4	75.6



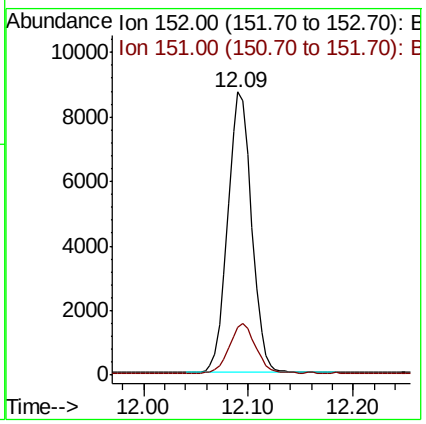


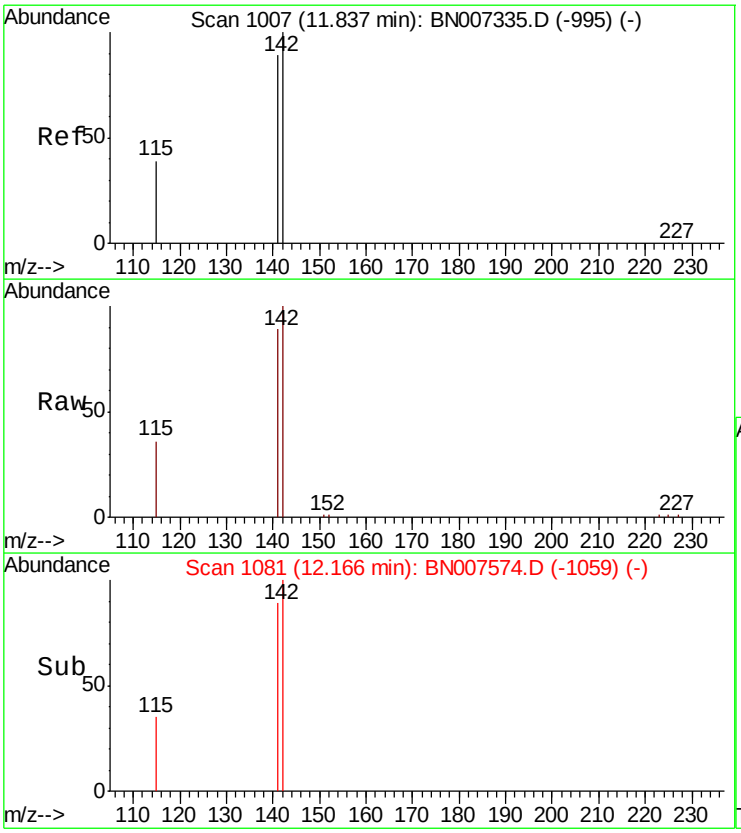
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.09 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13687

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

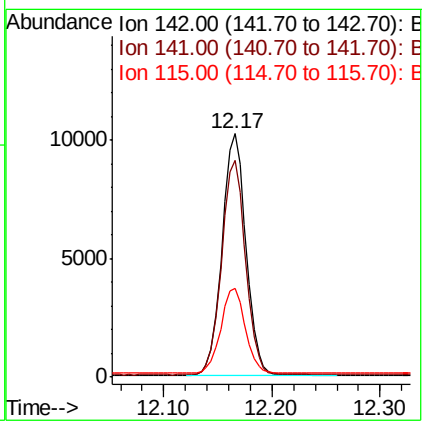


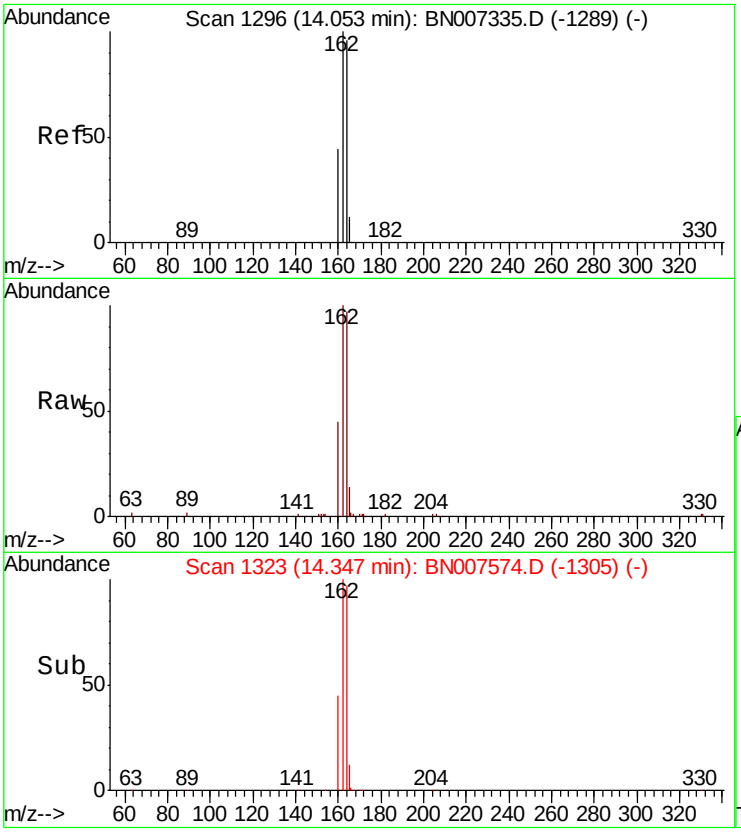


#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 12.17 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:142 Resp: 15614

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	36.4	29.1	43.7



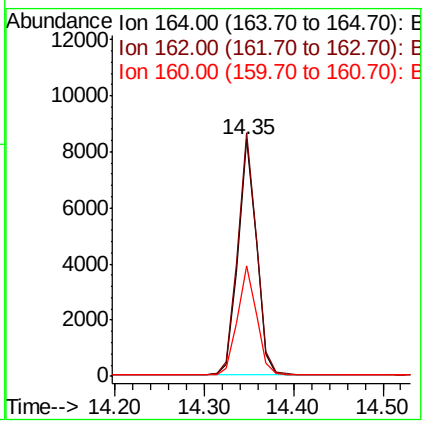


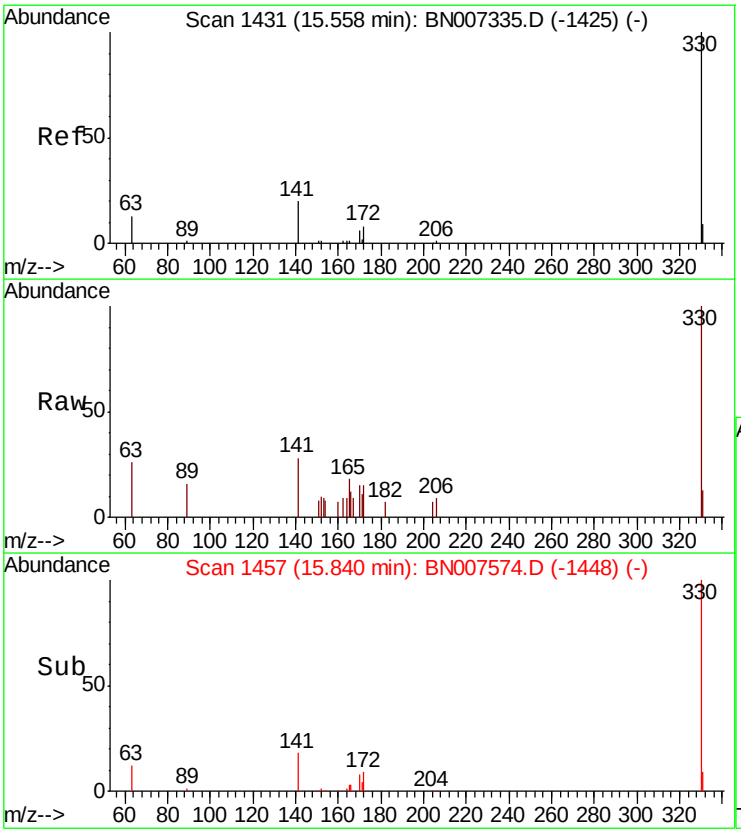
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11932

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.2
160	46.7	37.4	56.0

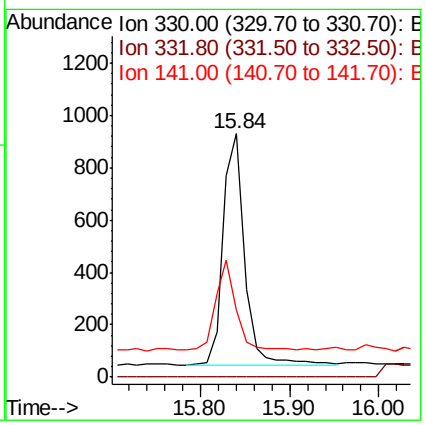


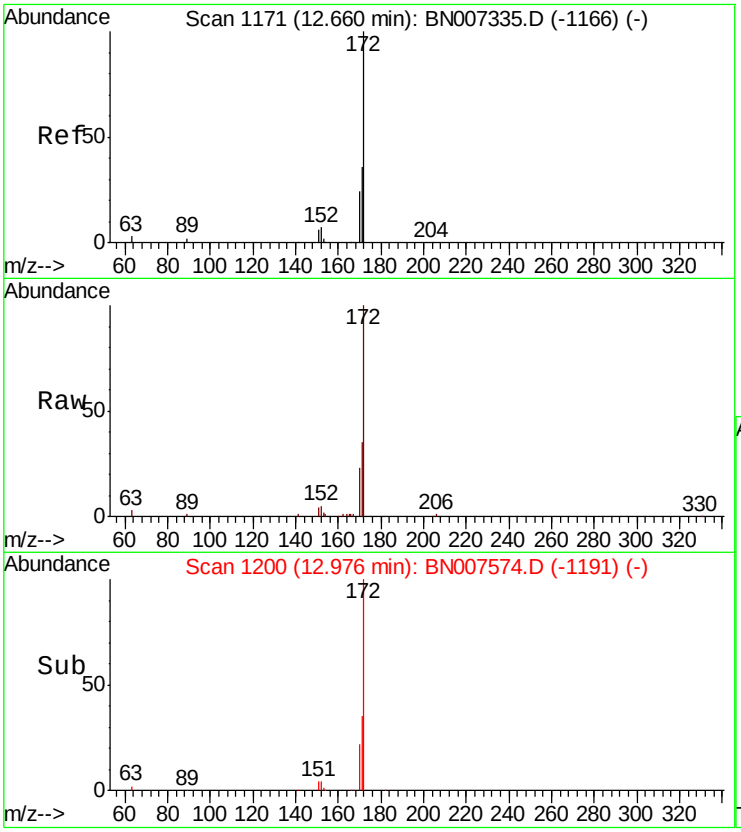


#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.84 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:330 Resp: 1460

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.2	30.6	45.8



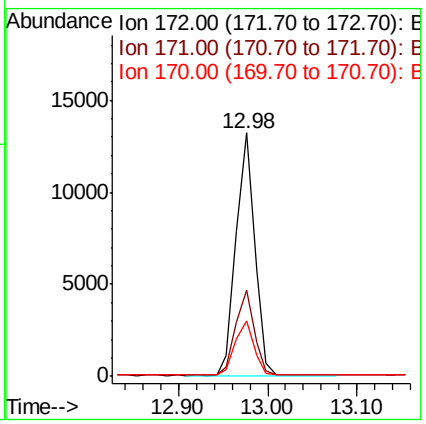


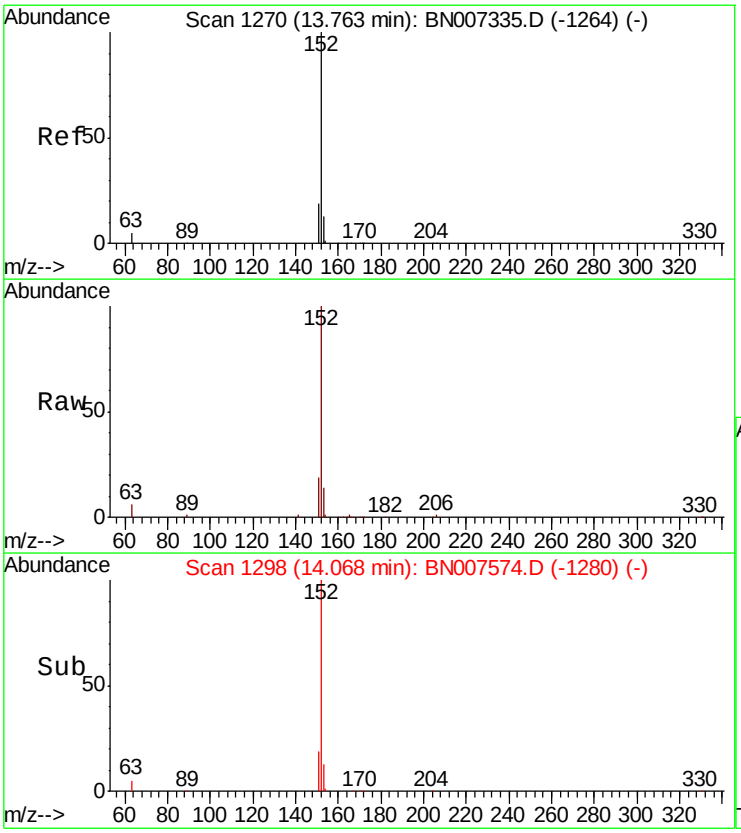
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.98 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 19127

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	22.9	18.3	27.5

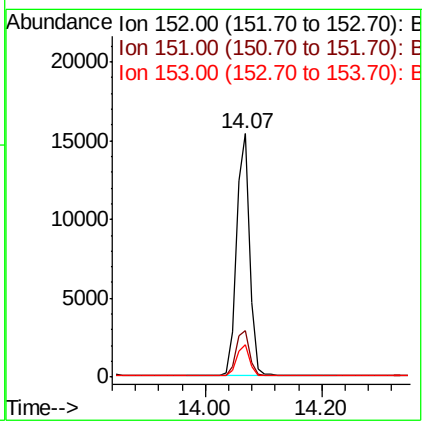


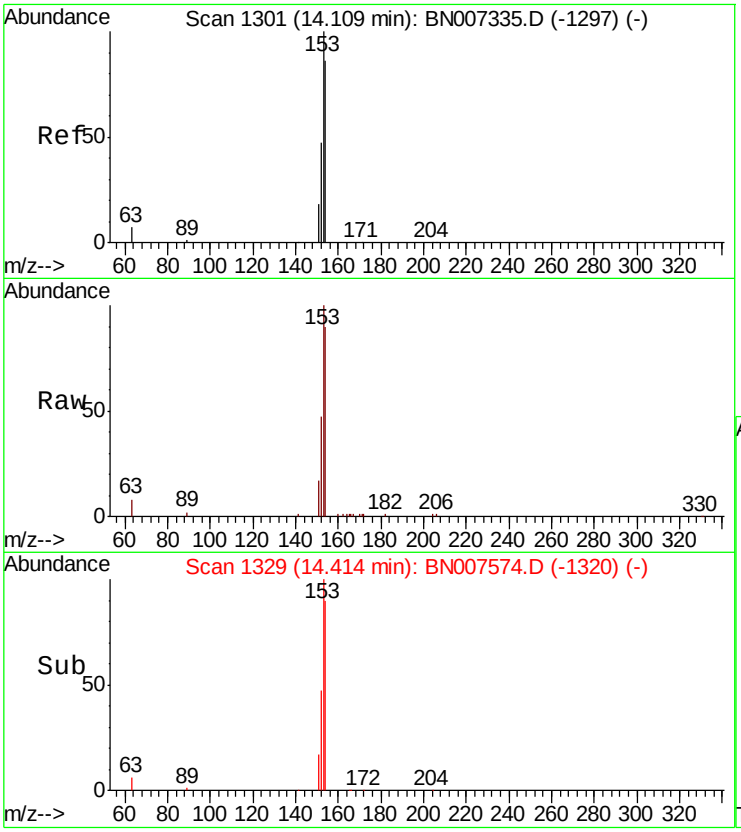


#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.07 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:152 Resp: 24240

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.4	15.6



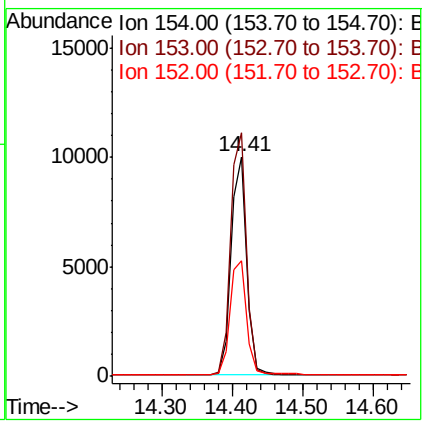


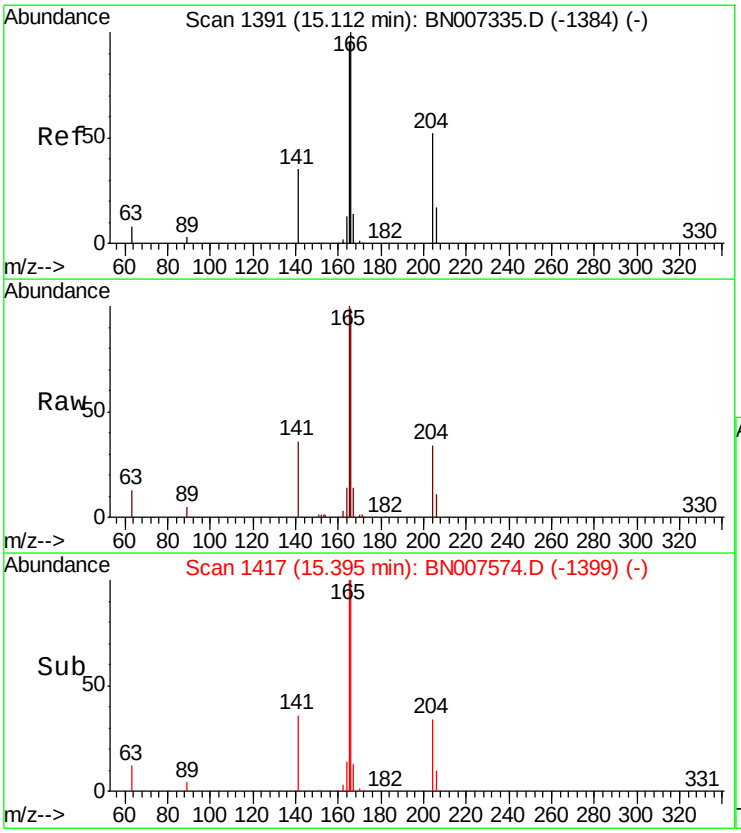
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.41 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 15483

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.4	134.2
152	54.5	43.4	65.0

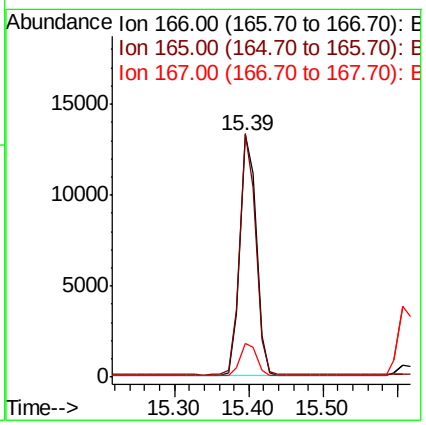


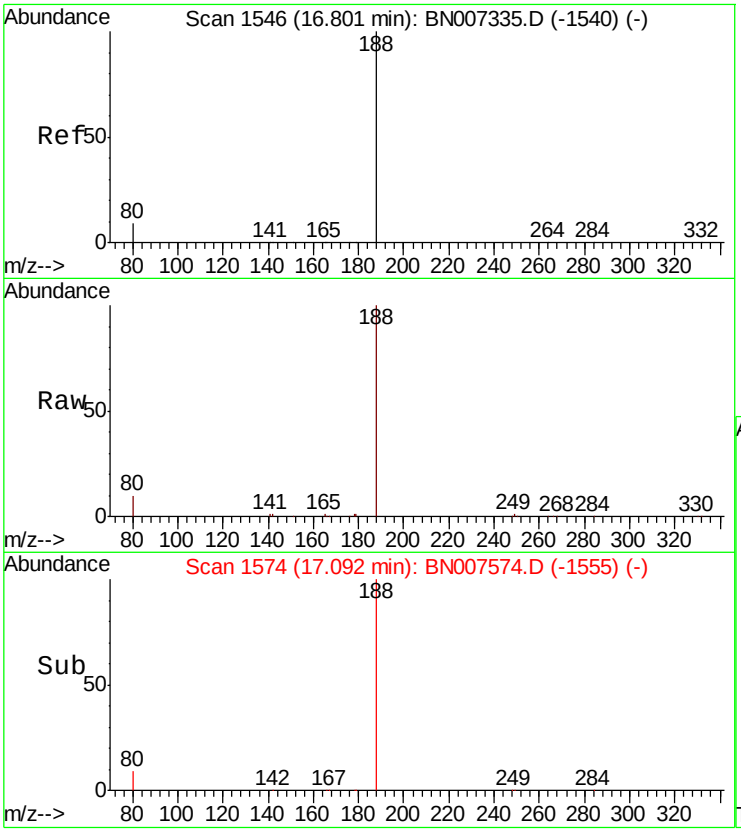


#18
Fluorene
Concen: 0.389 ng
RT: 15.39 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:166 Resp: 20348

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.6
167	13.7	11.0	16.4



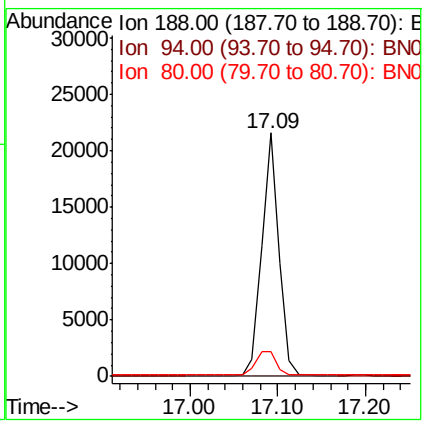


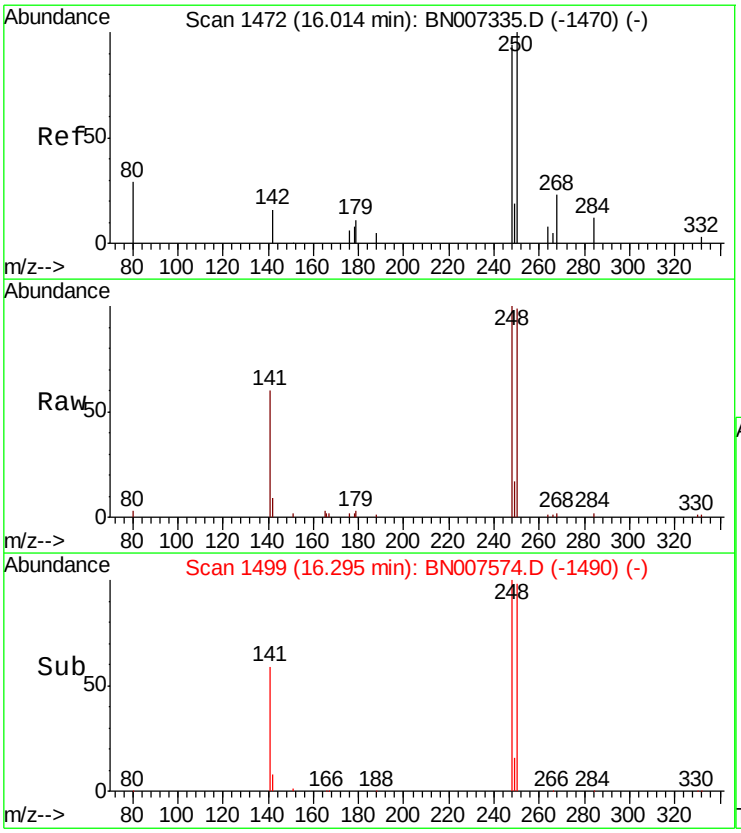
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 29446

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	8.1	12.1

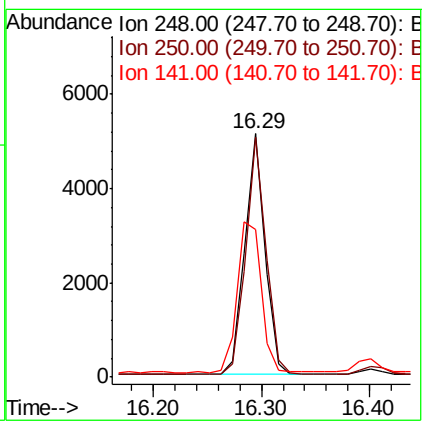


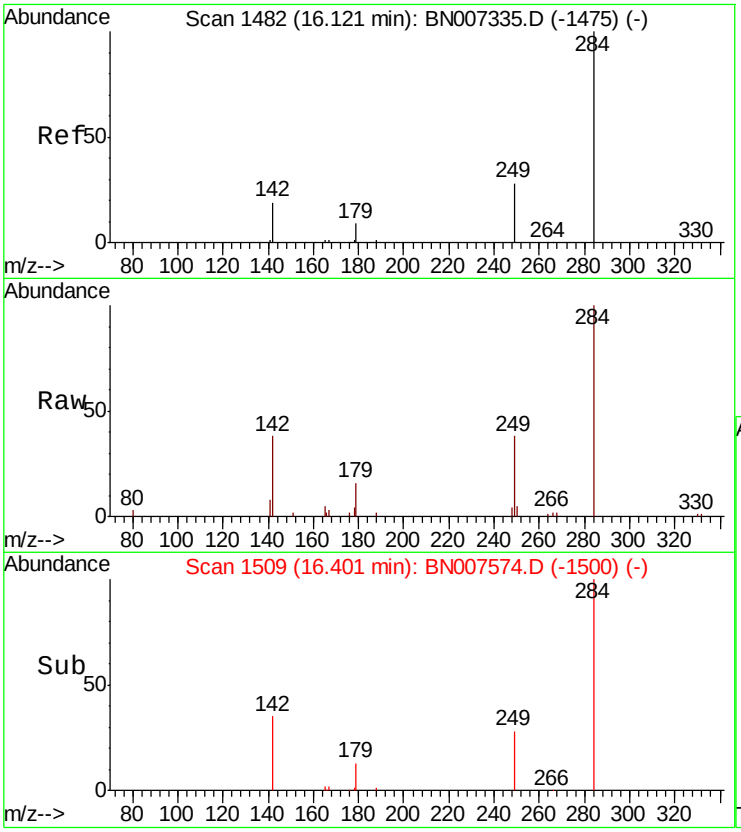


#20
4-Bromophenyl-phenylether
Concen: 0.572 ng
RT: 16.29 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:248 Resp: 6640

Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.9	118.3
141	60.4	48.3	72.5



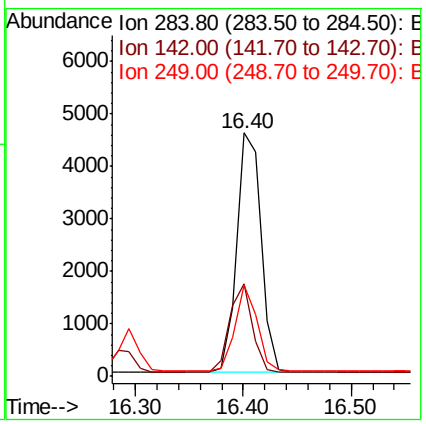


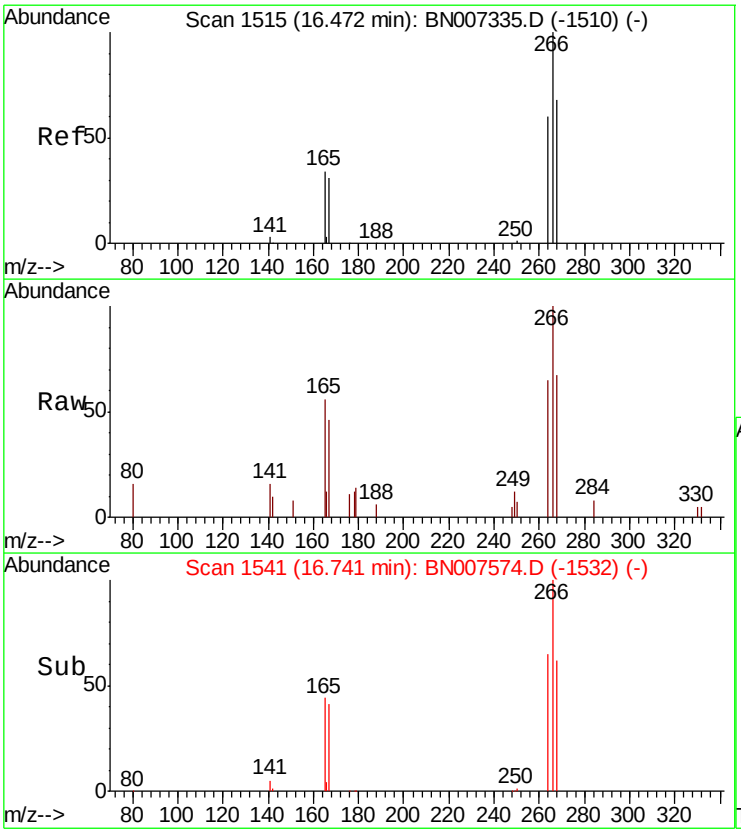
#21
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.40 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7096

Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.9	41.9
249	32.5	26.0	39.0

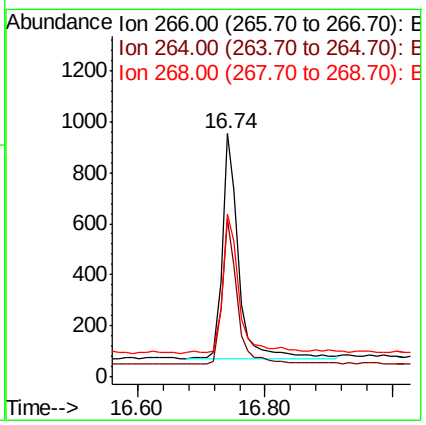


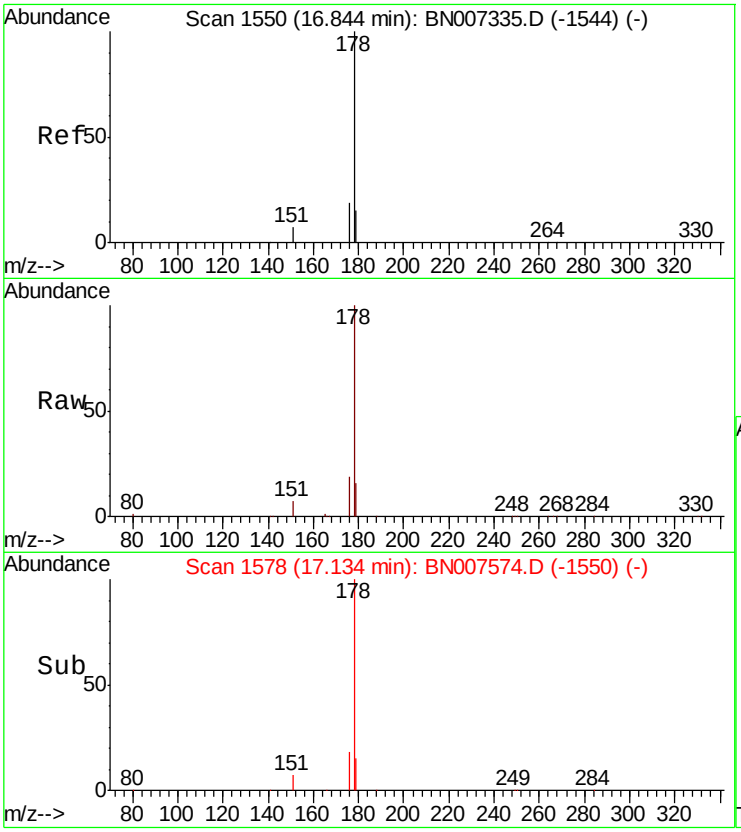


#22
Pentachlorophenol
Concen: 0.255 ng
RT: 16.74 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:266 Resp: 1565

Ion	Ratio	Lower	Upper
266	100		
264	65.0	52.0	78.0
268	66.9	53.5	80.3



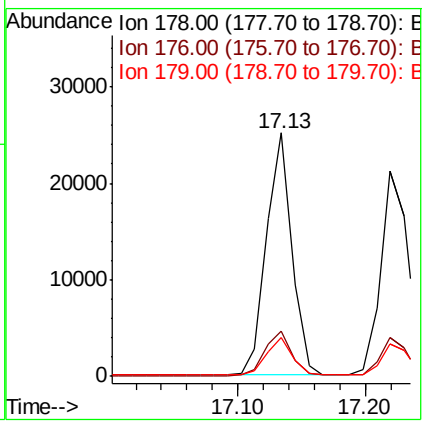


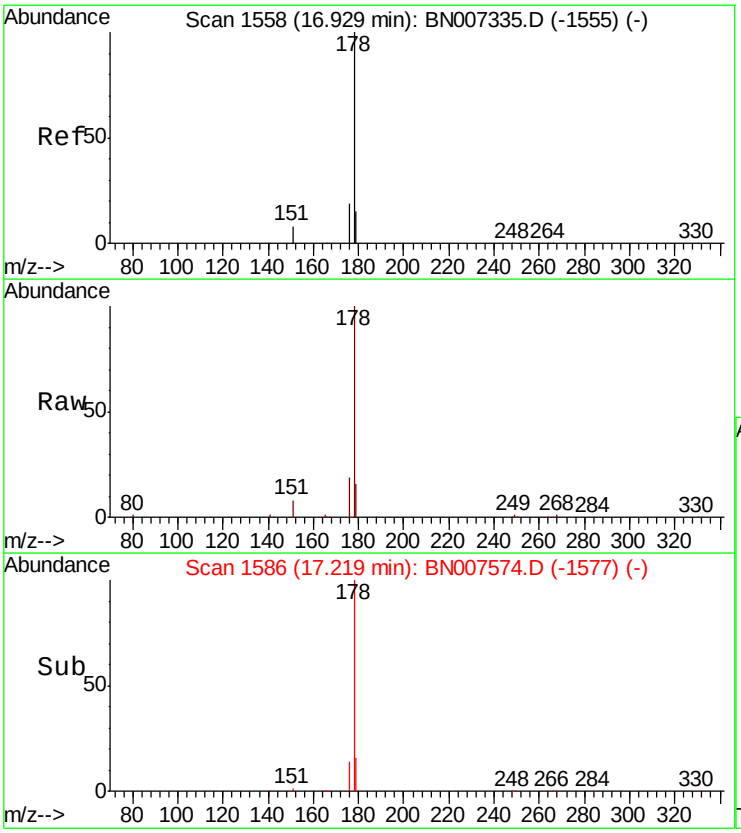
#23
Phenanthrene
Concen: 0.394 ng
RT: 17.13 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 34857

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.2	12.2	18.2

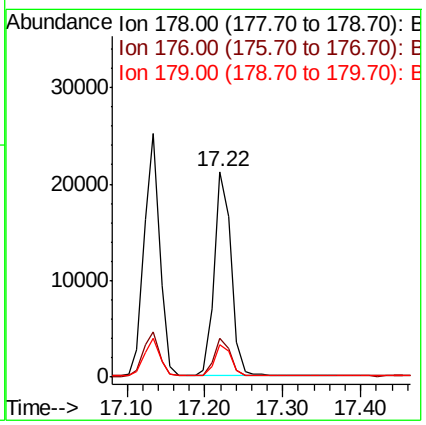


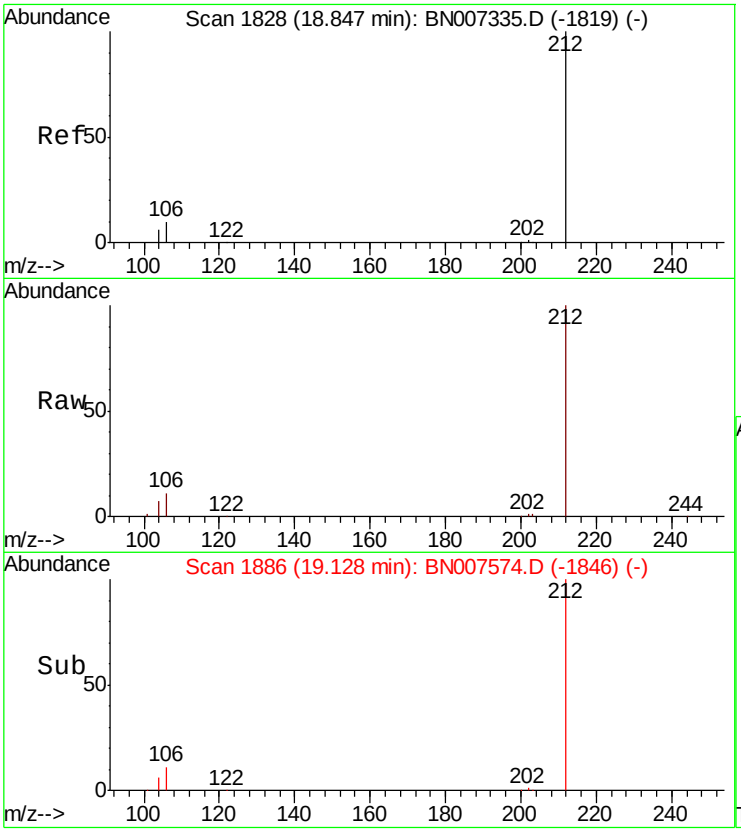


#24
Anthracene
Concen: 0.353 ng
RT: 17.22 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:178 Resp: 31478

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.6	12.5	18.7



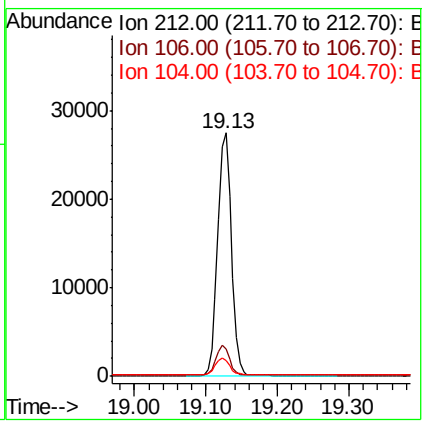


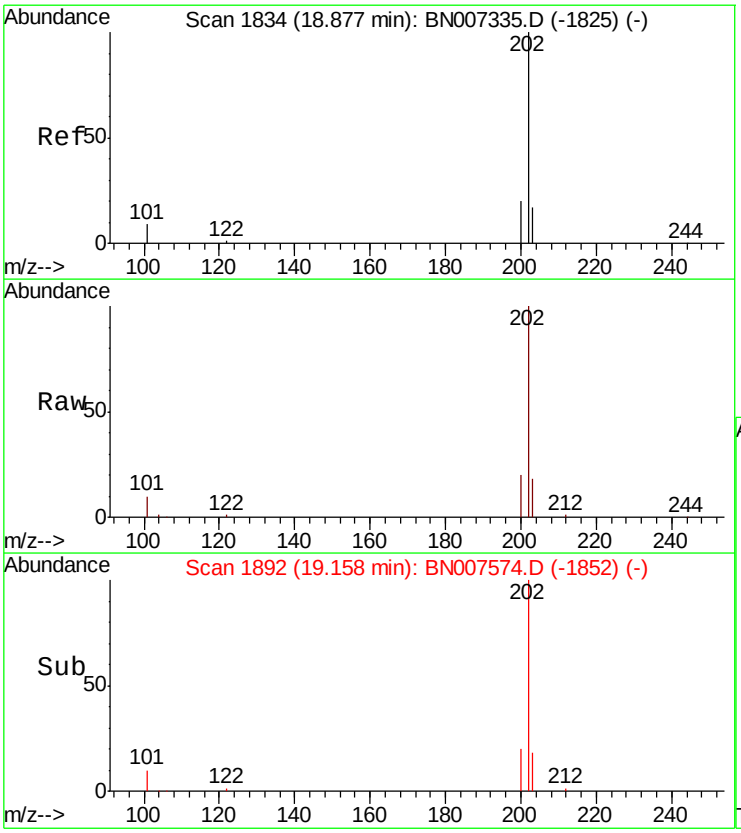
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.13 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 36381

Ion	Ratio	Lower	Upper
212	100		
106	12.1	9.7	14.5
104	6.9	5.5	8.3

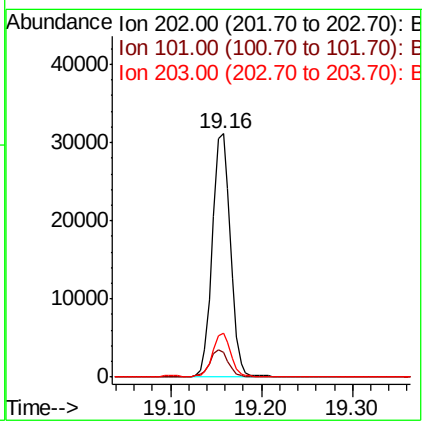


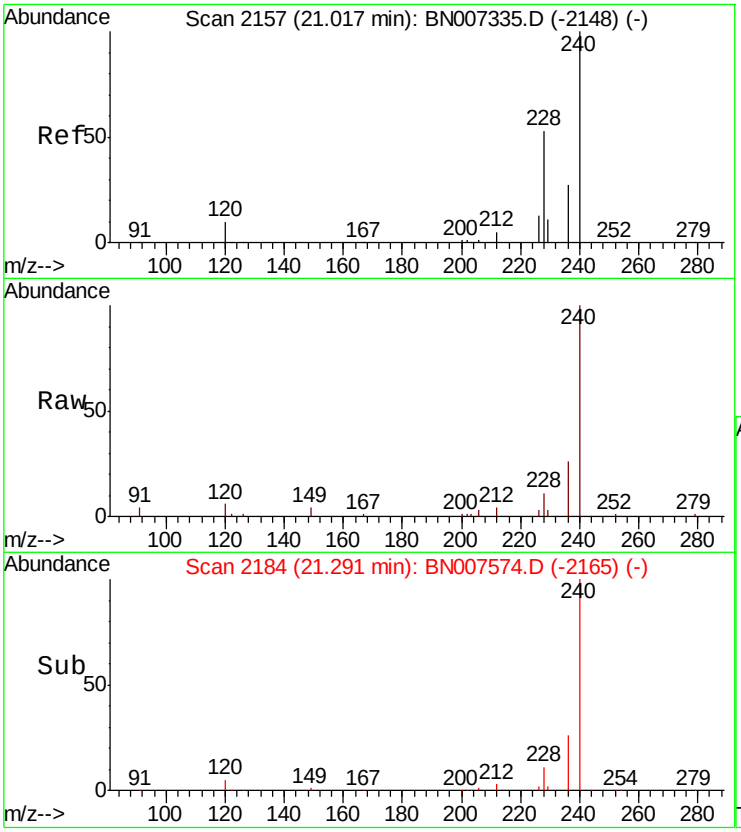


#26
Fluoranthene
Concen: 0.368 ng
RT: 19.16 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:202 Resp: 41883

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.3	13.8	20.8



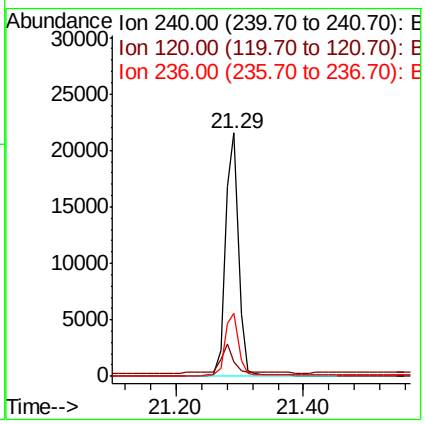


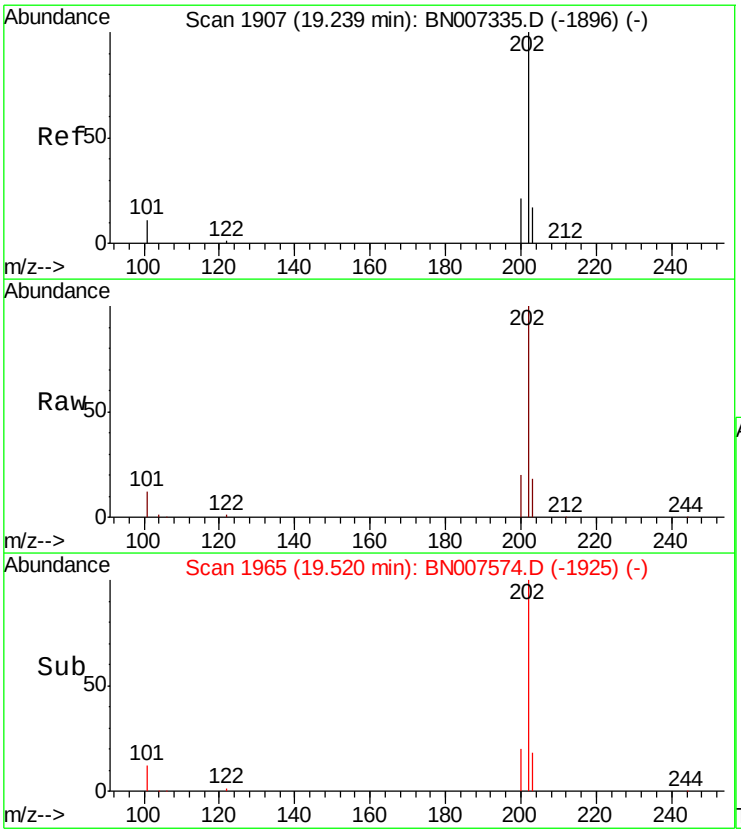
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 29945

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.0	7.4
236	25.8	20.6	31.0

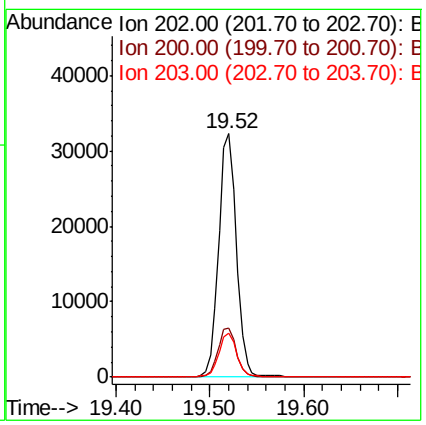


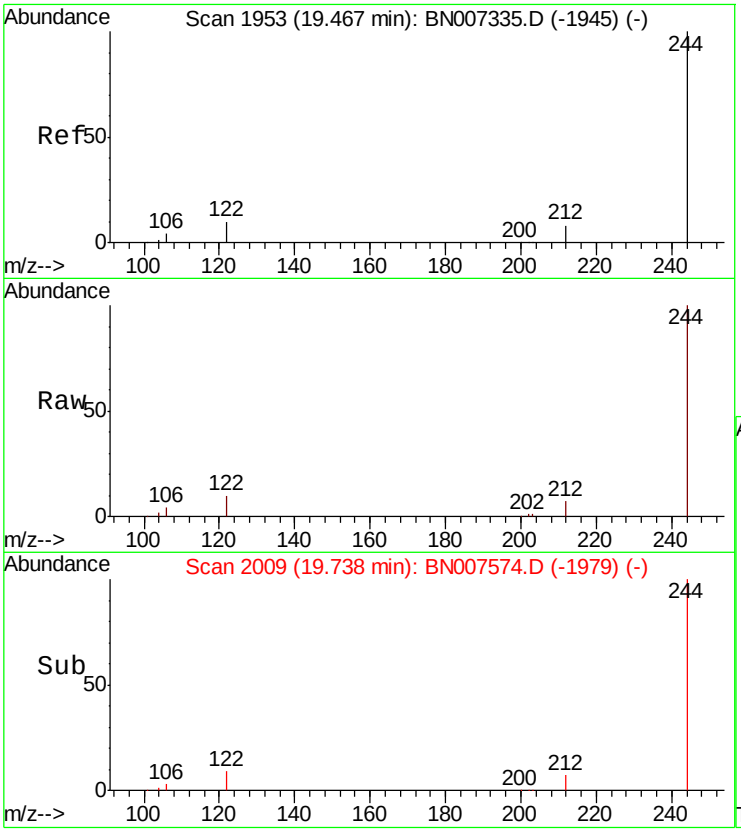


#28
Pyrene
Concen: 0.351 ng
RT: 19.52 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:202 Resp: 42287

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.6	14.1	21.1



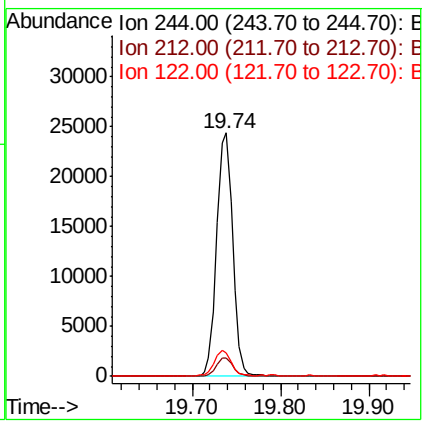


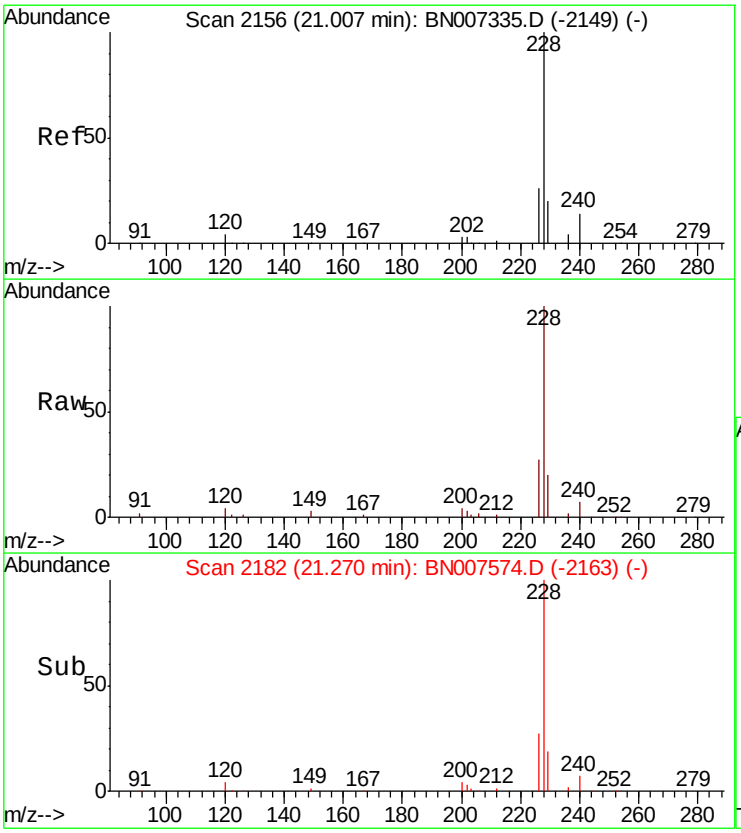
#29
Terphenyl-d14
Concen: 0.389 ng
RT: 19.74 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 30452

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.7	7.8	11.6

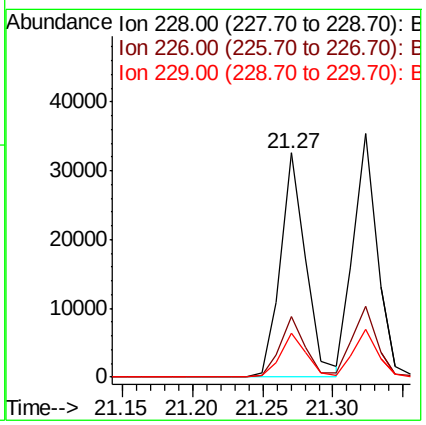


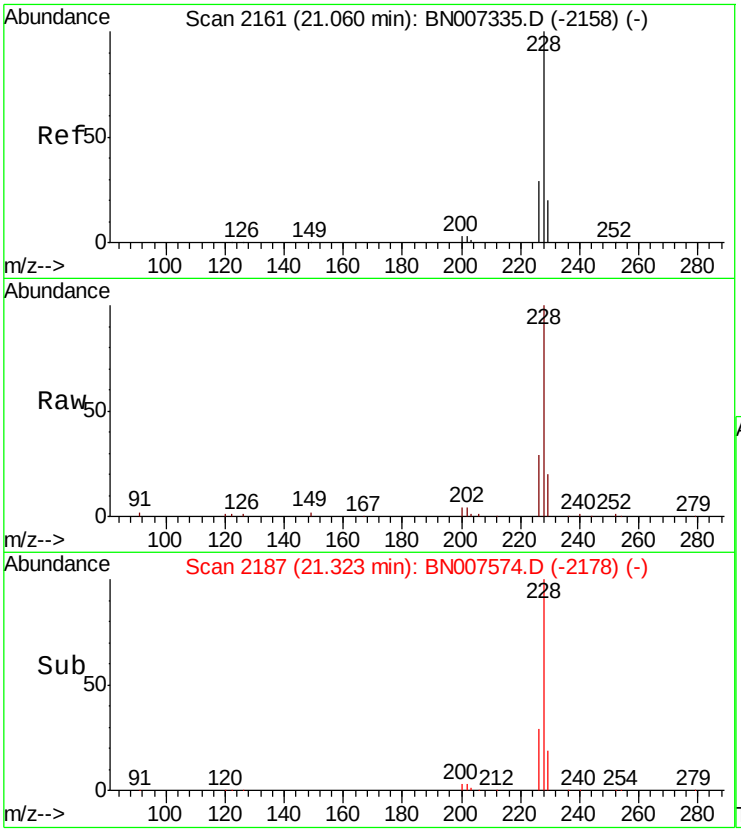


#30
Benzo(a)anthracene
Concen: 0.351 ng
RT: 21.27 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:228 Resp: 41254

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.6	15.7	23.5



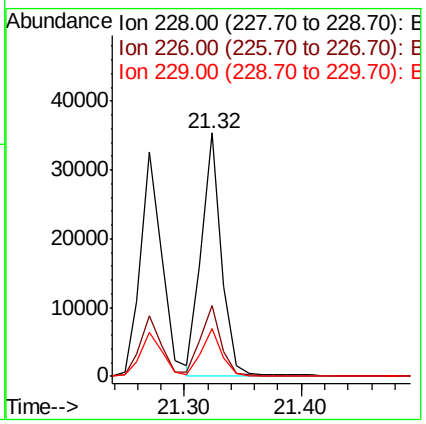


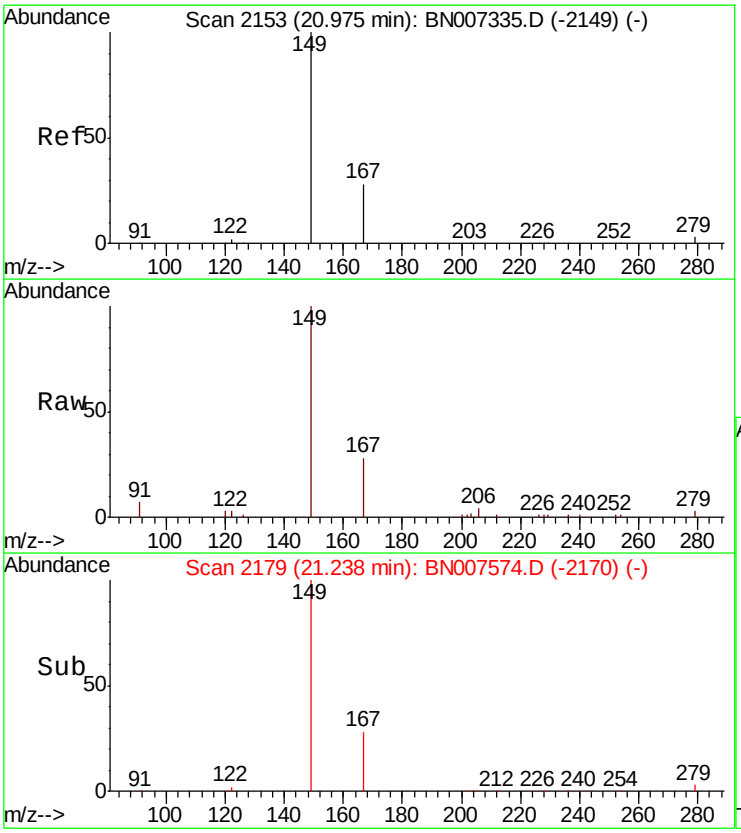
#31
Chrysene
Concen: 0.371 ng
RT: 21.32 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 42088

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	19.6	15.7	23.5

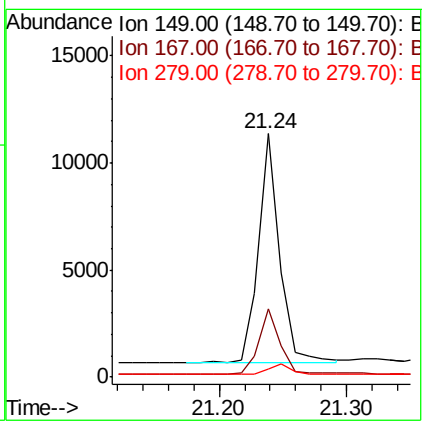


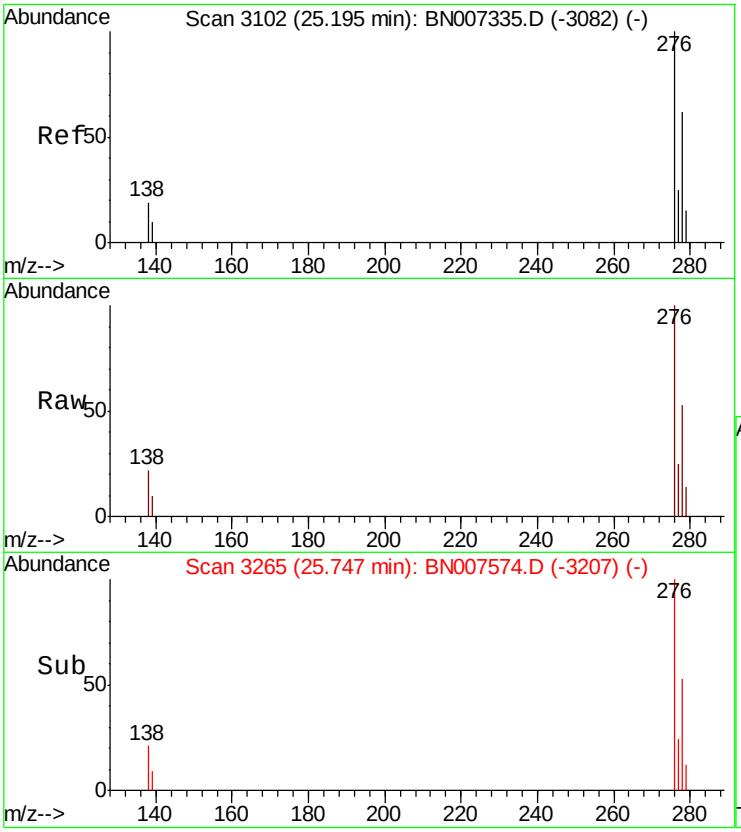


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.140 ng
RT: 21.24 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:149 Resp: 12351

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.9	3.9	5.9



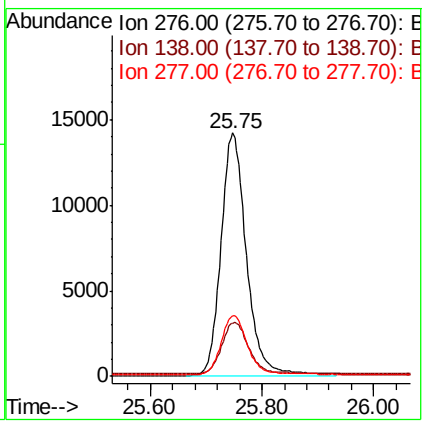


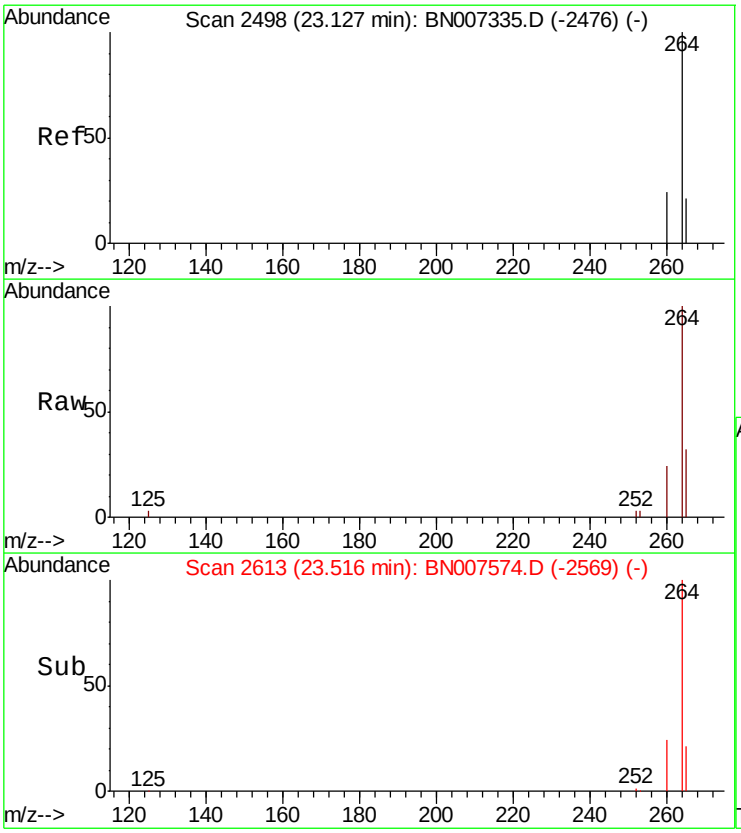
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng
RT: 25.75 min Scan# 3265
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 44552

Ion	Ratio	Lower	Upper
276	100		
138	22.3	0.0	0.0#
277	25.0	0.0	0.0#

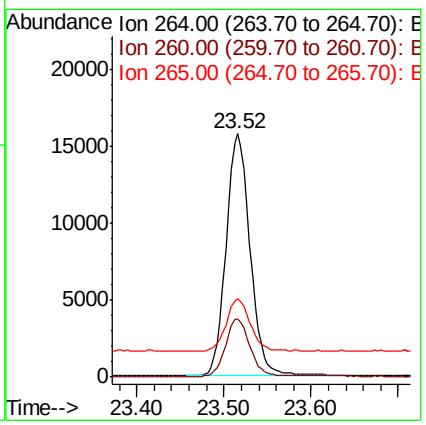


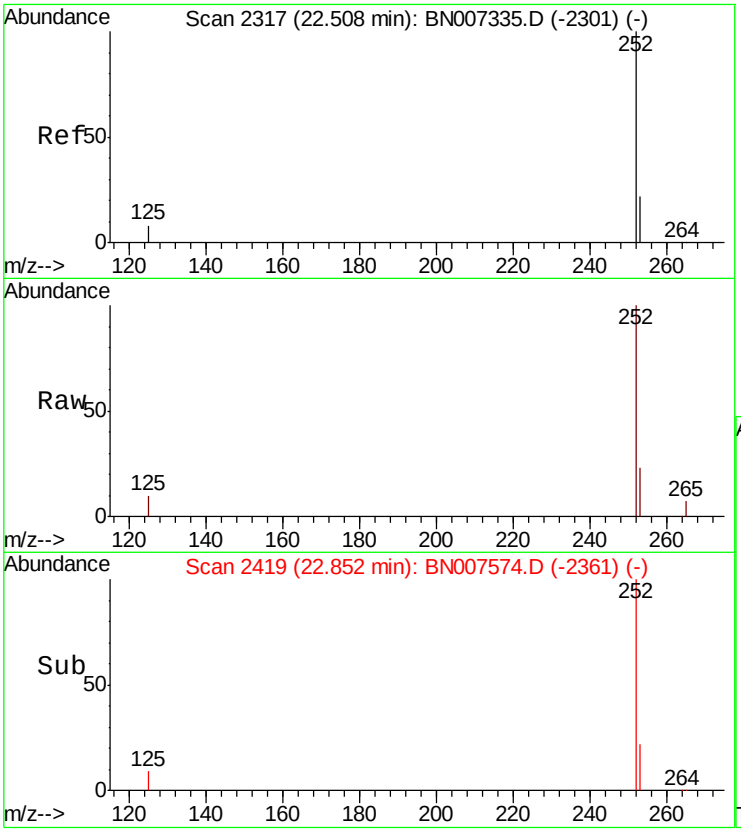


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:264 Resp: 30266

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	32.0	25.6	38.4



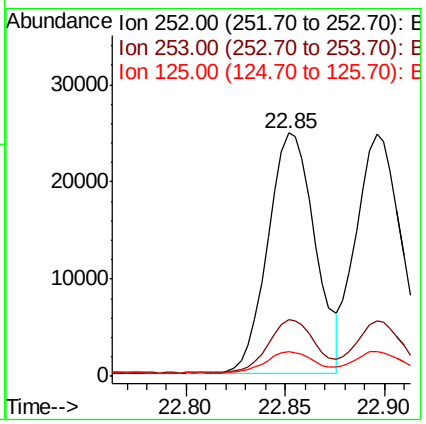


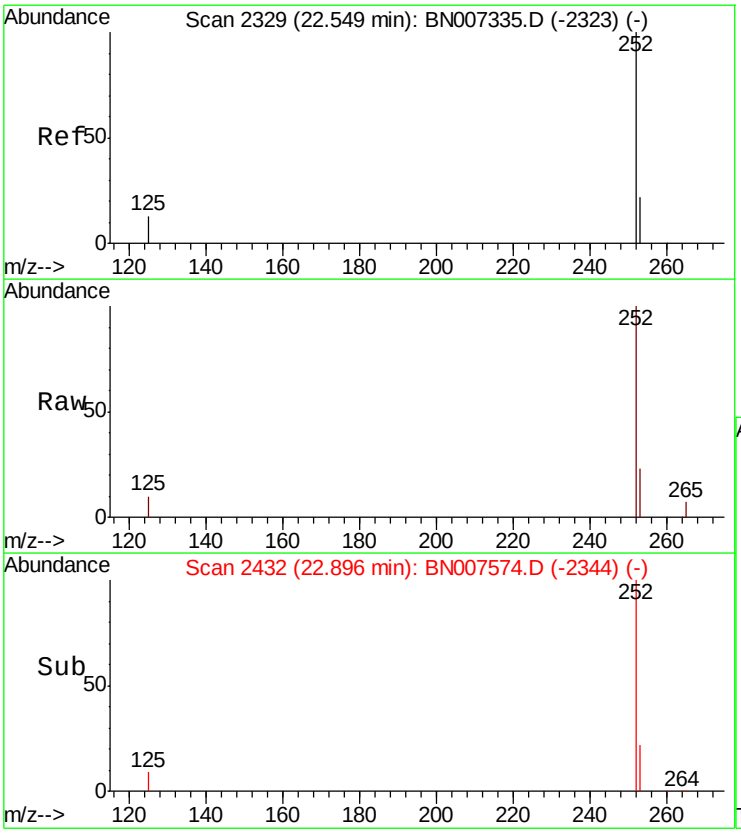
#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 22.85 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 41284

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	10.2	8.2	12.2

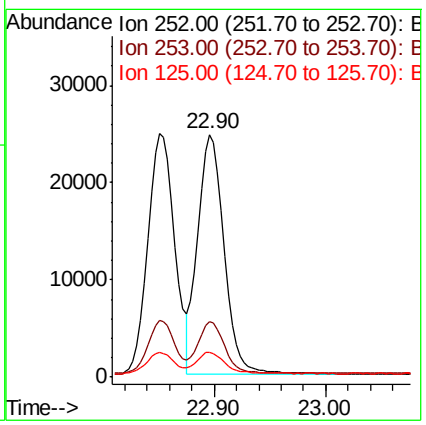


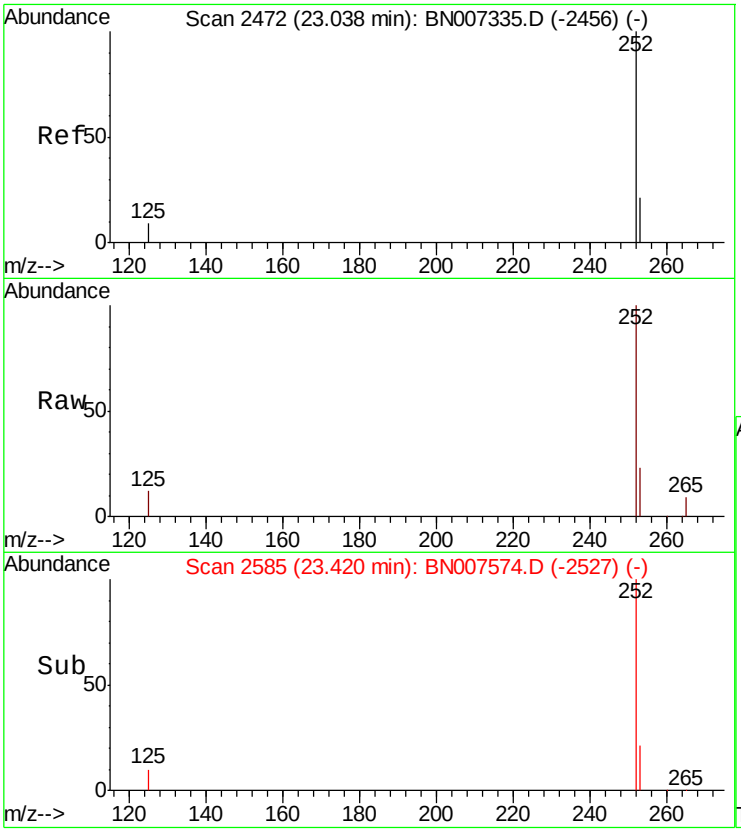


#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 22.90 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:252 Resp: 40414

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	10.2	8.2	12.2



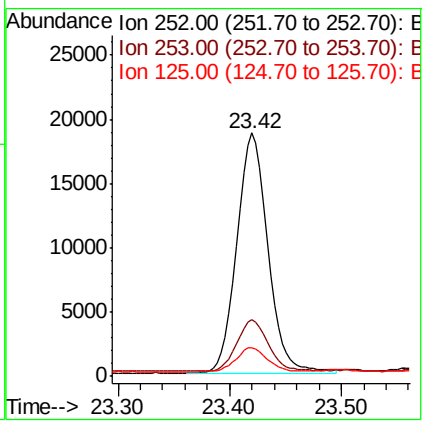


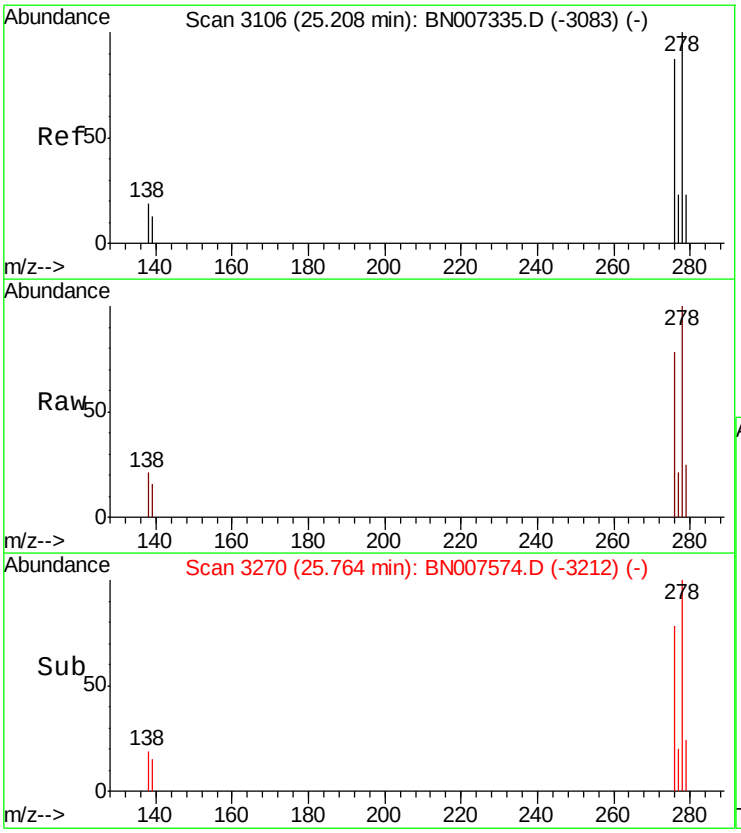
#37
Benzo(a)pyrene
Concen: 0.345 ng
RT: 23.42 min Scan# 2585
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 36028

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	11.5	9.2	13.8

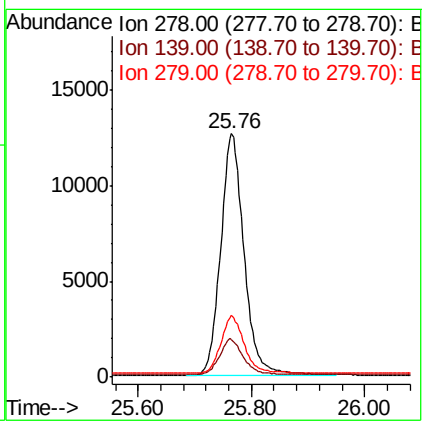


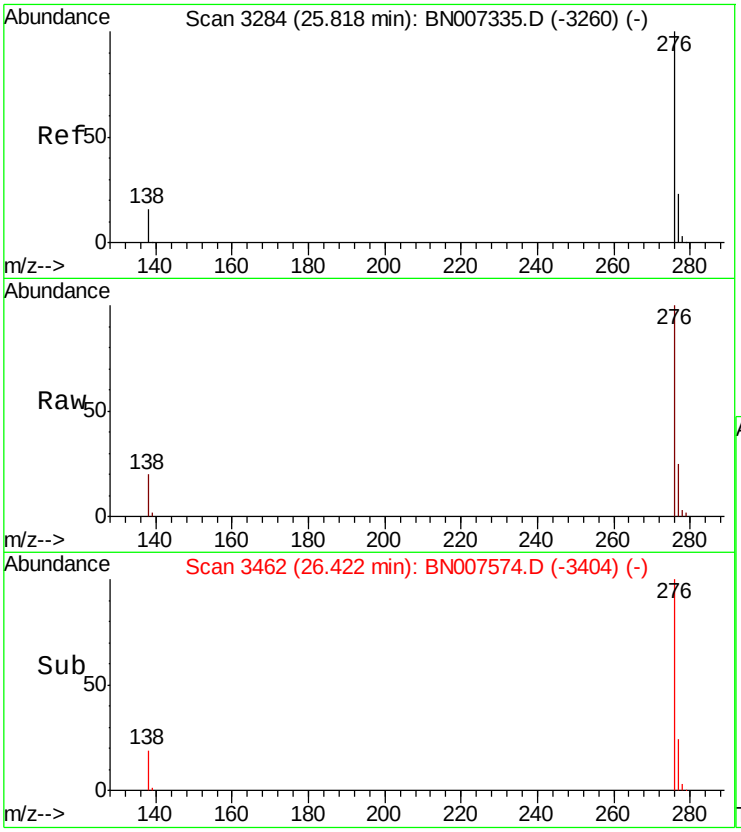


#38
Dibenzo(a,h)anthracene
Concen: 0.351 ng
RT: 25.76 min Scan# 3270
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Tgt Ion:278 Resp: 36547

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.5	18.7
279	25.2	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.361 ng
RT: 26.42 min Scan# 3462
Delta R.T. 0.00 min
Lab File: BN007574.D
Acq: 10 Sep 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 37438

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	19.9	15.9	23.9