Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
Data File : BN007543.D
Acq On : 05 Sep 2019 21:16
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 06 02:00:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	6140	0.40	ng		-0.02
7) Naphthalene-d8	10.15	136	28315	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	17392	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	41707	0.40	ng		0.00
27) Chrysene-d12	21.00	240	34982	0.40	ng		-0.01
34) Perylene-d12	23.11	264	31766	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	6736	0.31	ng		-0.02
5) Phenol-d6	6.58	99	8613	0.31	ng		0.00
8) Nitrobenzene-d5	8.53	82	7556	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	18940	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.54	330	2578	0.28	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	27714	0.40	ng		0.00
25) Fluoranthene-d10	18.84	212	46662	0.35	ng		-0.01
29) Terphenyl-d14	19.46	244	38958	0.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	3835	0.376	ng	#	85
3) n-Nitrosodimethylamine	3.32	42	1266	0.267	ng	#	76
6) bis(2-Chloroethyl)ether	6.83	93	8668	0.391	ng		99
9) Naphthalene	10.19	128	32007	0.396	ng	#	90
10) Hexachlorobutadiene	10.49	225	5762	0.348	ng	#	99
12) 2-Methylnaphthalene	11.82	142	22704	0.412	ng		94
16) Acenaphthylene	13.75	152	32211	0.313	ng		99
17) Acenaphthene	14.10	154	23291	0.387	ng		98
18) Fluorene	15.09	166	30187	0.396	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	2554	0.155	ng	#	86
21) Hexachlorobenzene	16.10	284	10785	0.386	ng		96
22) Pentachlorophenol	16.45	266	1893	0.218	ng	#	64
23) Phenanthrene	16.83	178	49049	0.391	ng		99
24) Anthracene	16.92	178	41873	0.332	ng		99
26) Fluoranthene	18.86	202	57351	0.356	ng		99
28) Pyrene	19.23	202	58044	0.412	ng		99
30) Benzo(a)anthracene	20.99	228	46864	0.341	ng		99
31) Chrysene	21.05	228	52834	0.398	ng		99
32) Bis(2-ethylhexyl)phthalate	20.96	149	21700	0.225	ng		99
33) Indeno(1,2,3-cd)pyrene	25.17	276	49925	0.313	ng	#	96
35) Benzo(b)fluoranthene	22.49	252	45712	0.397	ng	#	95
36) Benzo(k)fluoranthene	22.53	252	48320	0.425	ng		97
37) Benzo(a)pyrene	23.02	252	39605	0.362	ng	#	95
38) Dibenzo(a,h)anthracene	25.18	278	39371	0.360	ng	#	89
39) Benzo(g,h,i)perylene	25.79	276	40795	0.375	ng		100

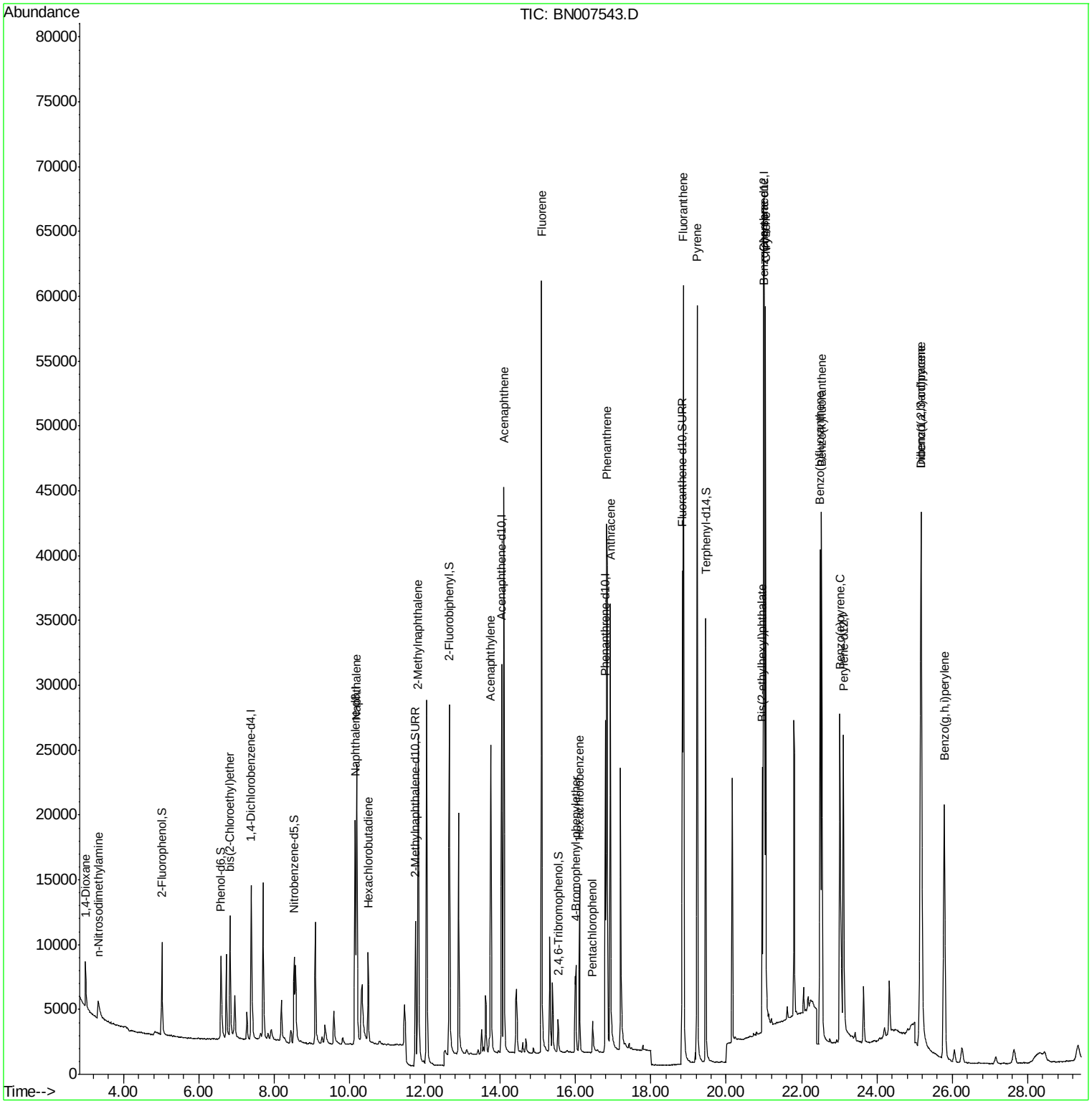
(#) = qualifier out of range (m) = manual integration (+) = signals summed

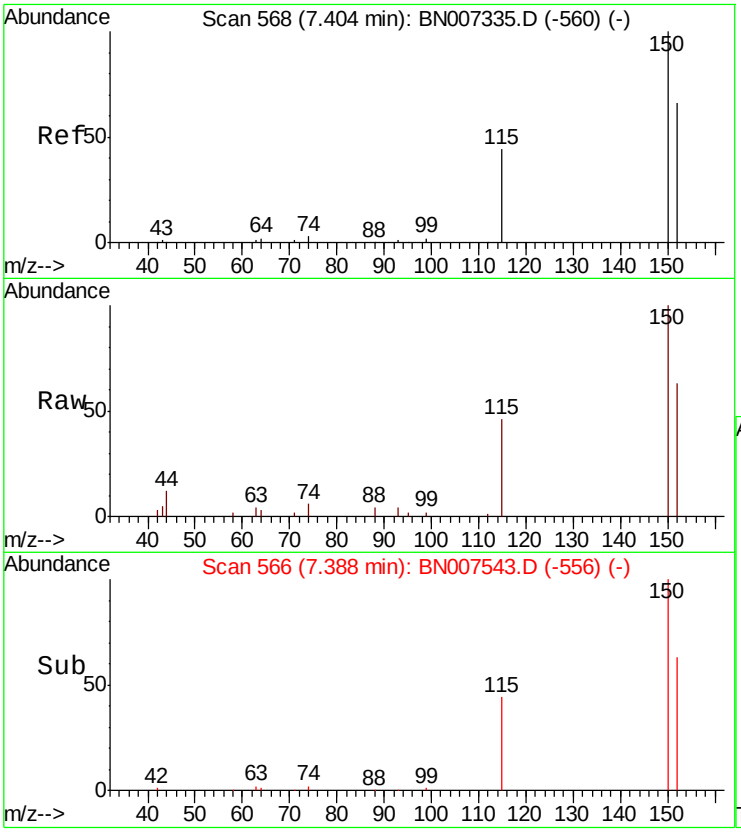
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090519\
Data File : BN007543.D
Acq On : 05 Sep 2019 21:16
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 06 02:00:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



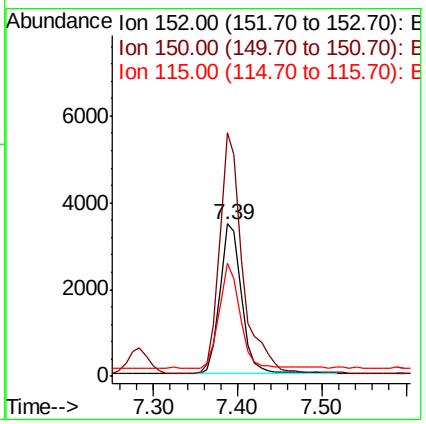


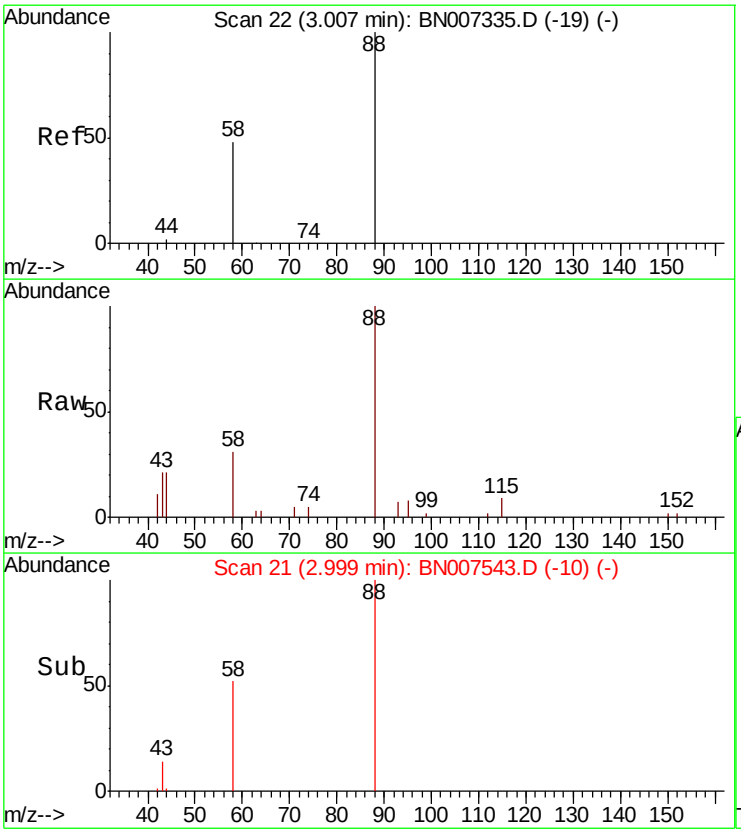
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6140

Ion	Ratio	Lower	Upper
152	100		
150	159.9	109.1	163.7
115	74.0	59.6	89.4

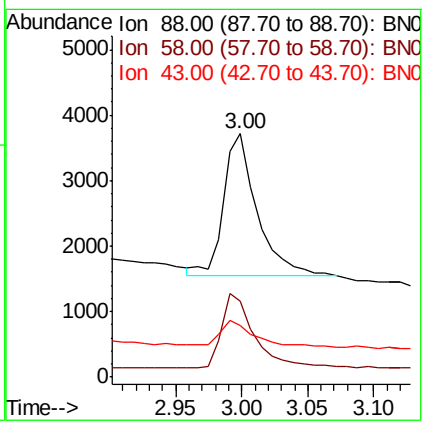


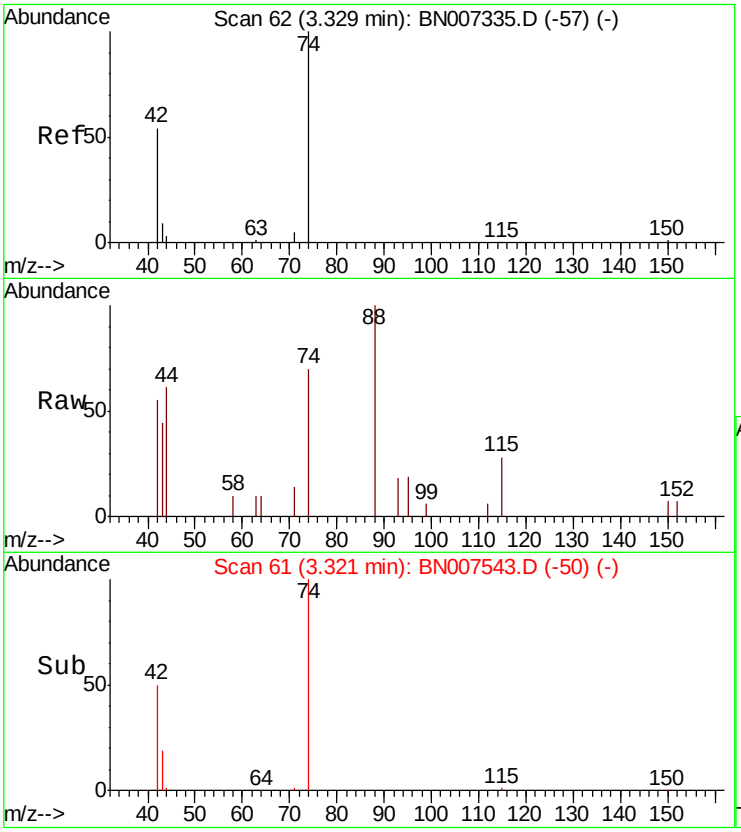


#2
1,4-Dioxane
Concen: 0.376 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion: 88 Resp: 3835

Ion	Ratio	Lower	Upper
88	100		
58	51.2	50.5	75.7
43	18.4	0.0	0.0#



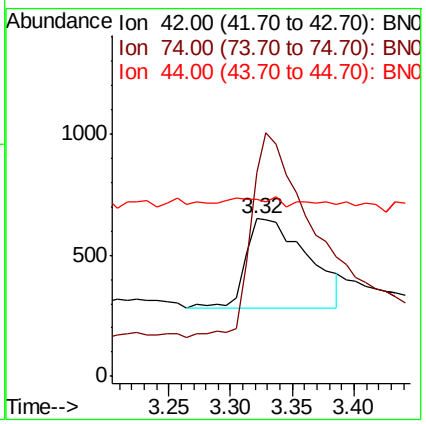


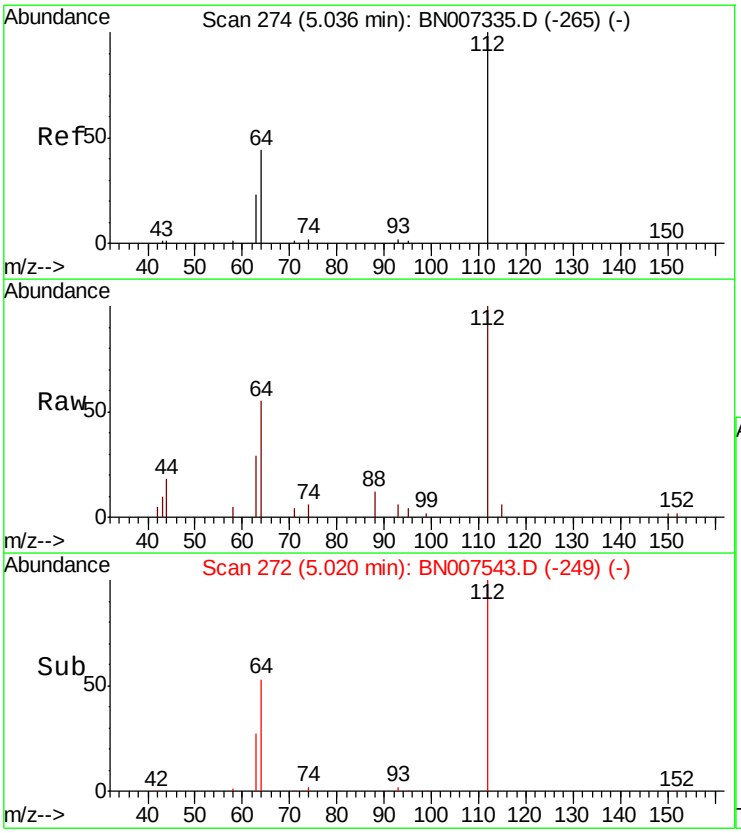
#3
n-Nitrosodimethylamine
Concen: 0.267 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1266

Ion	Ratio	Lower	Upper
42	100		
74	216.0	144.7	217.1
44	7.1	3.2	4.8#

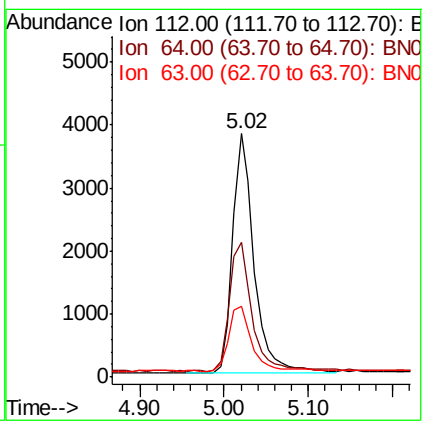


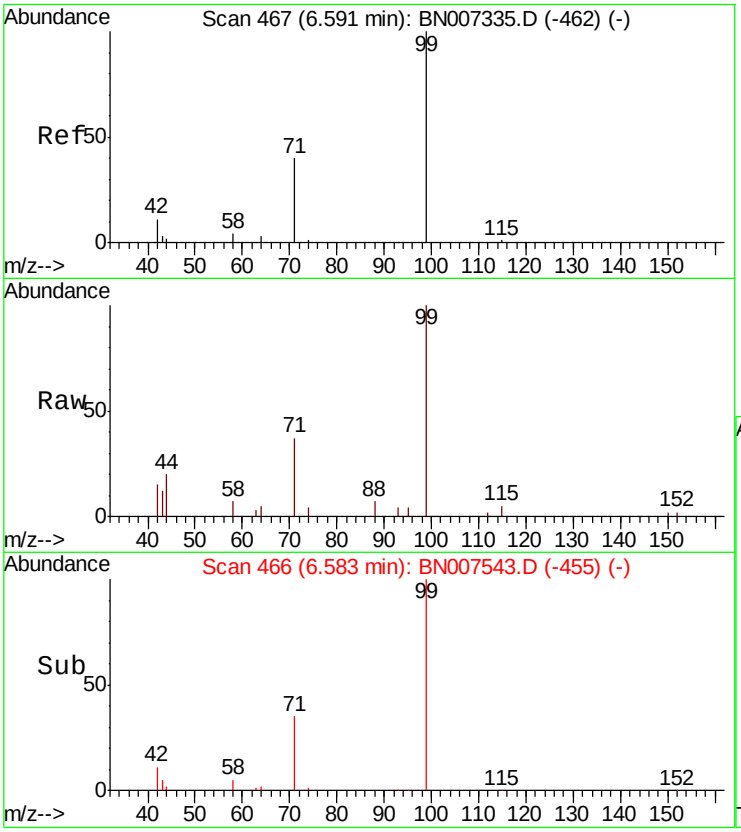


#4
2-Fluorophenol
Concen: 0.310 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:112 Resp: 6736

Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.3	63.5
63	29.1	23.6	35.4



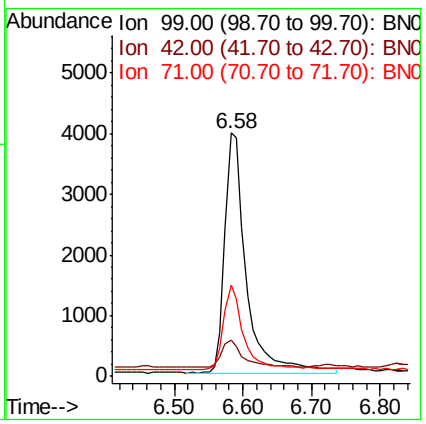


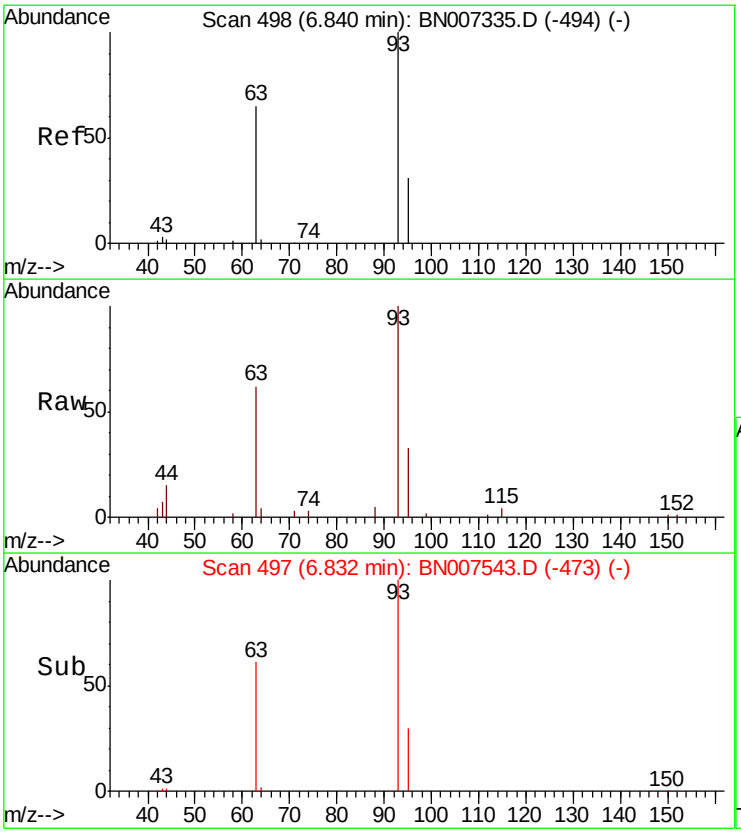
#5
Phenol-d6
Concen: 0.311 ng
RT: 6.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8613

Ion	Ratio	Lower	Upper
99	100		
42	11.2	11.2	16.8
71	33.2	31.8	47.8

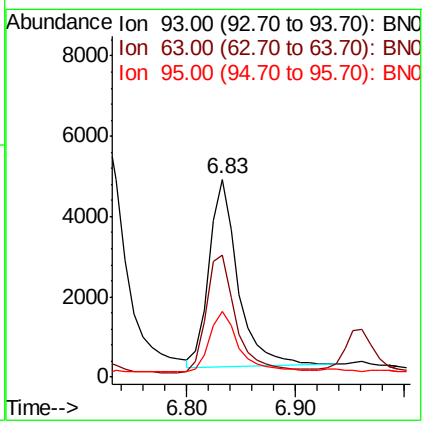


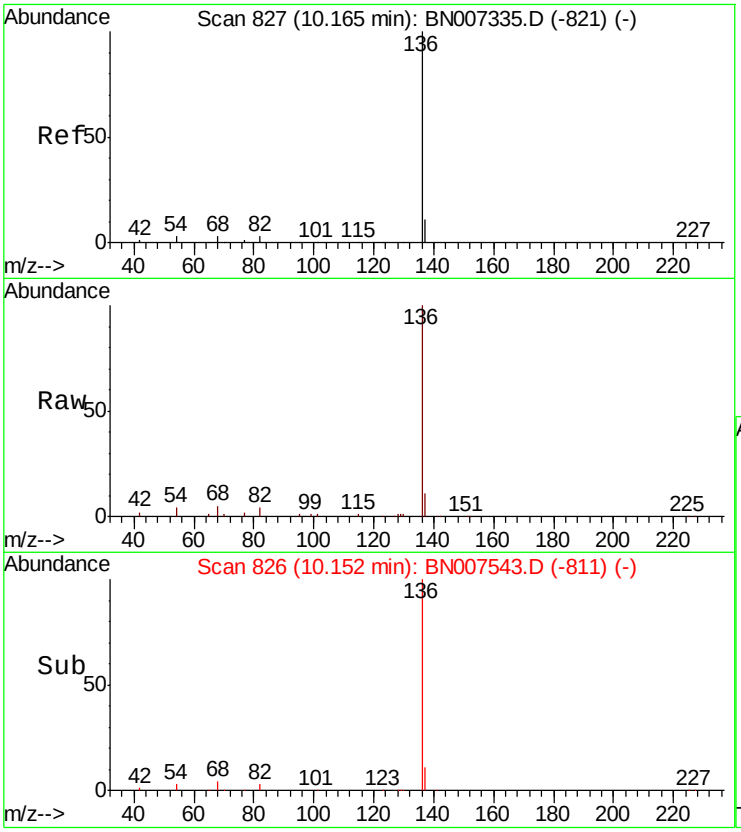


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion: 93 Resp: 8668

Ion	Ratio	Lower	Upper
93	100		
63	64.7	51.9	77.9
95	33.0	27.7	41.5



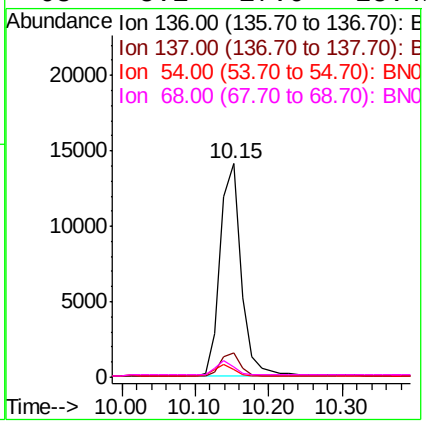


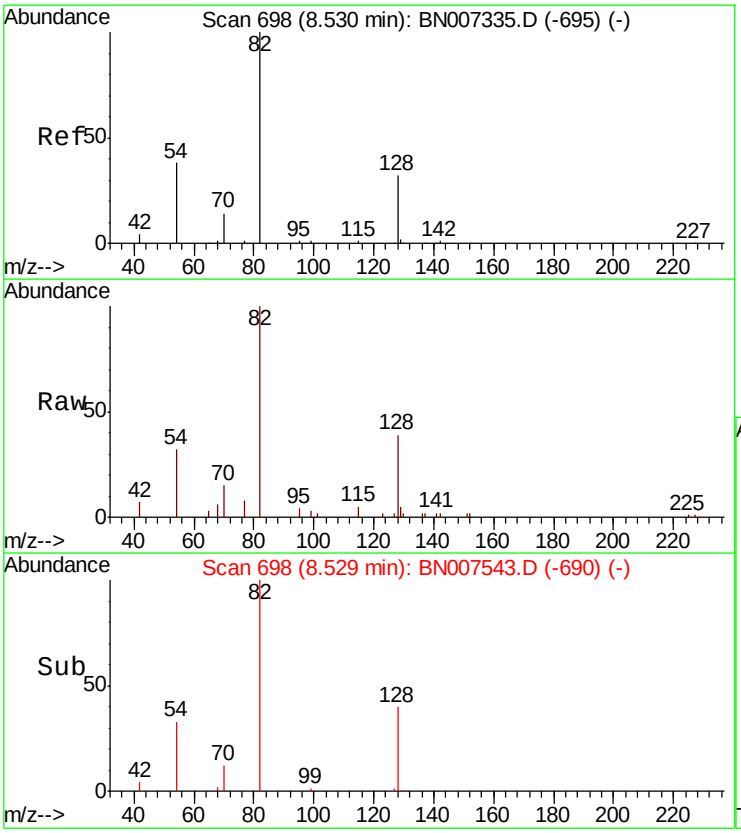
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 28315

Ion	Ratio	Lower	Upper
136	100		
137	11.3	12.9	19.3#
54	3.6	8.6	12.8#
68	5.1	17.0	25.4#

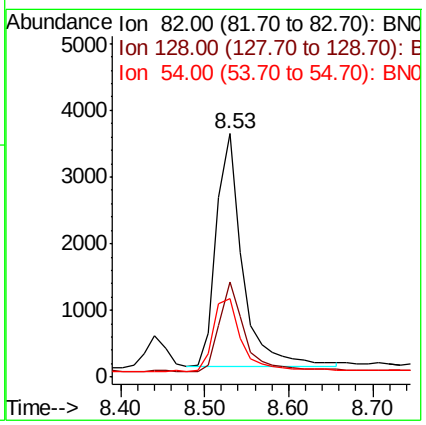


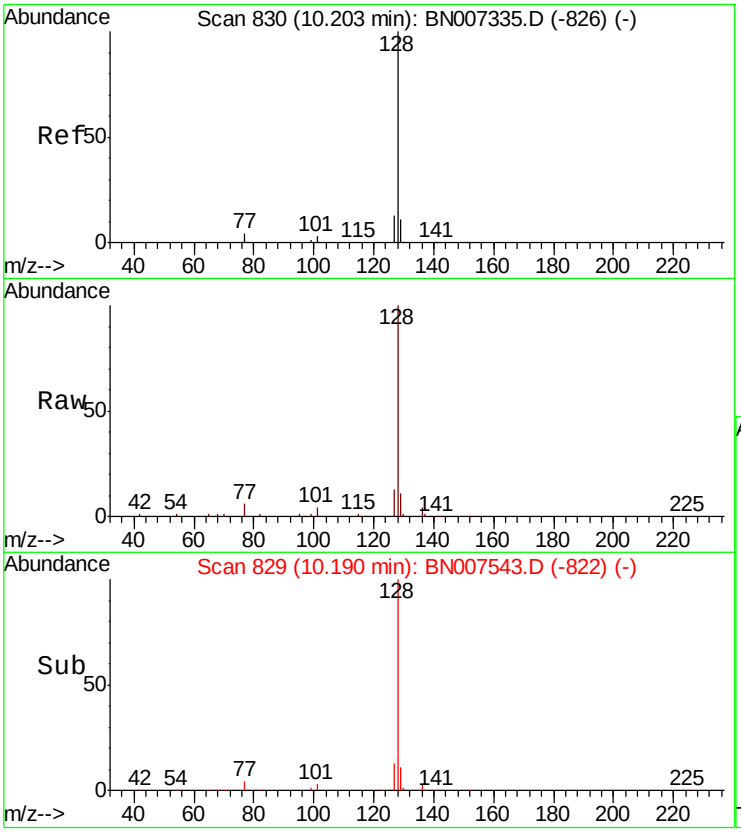


#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.53 min Scan# 698
Delta R.T. 0.00 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion: 82 Resp: 7556

Ion	Ratio	Lower	Upper
82	100		
128	39.0	19.7	29.5#
54	32.3	25.8	38.6



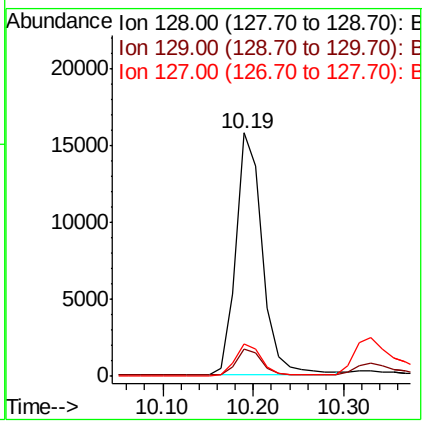


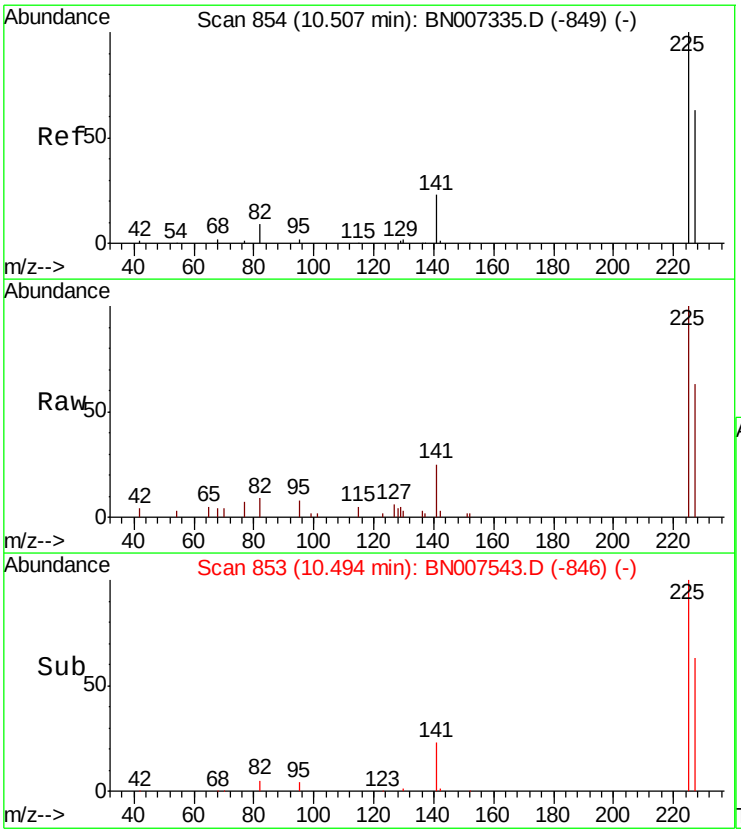
#9
Naphthalene
Concen: 0.396 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 32007

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.1	16.7
127	13.5	15.5	23.3#

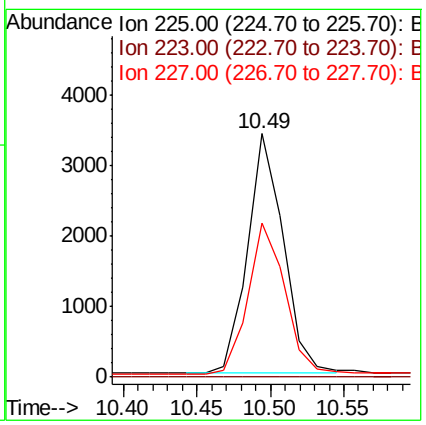


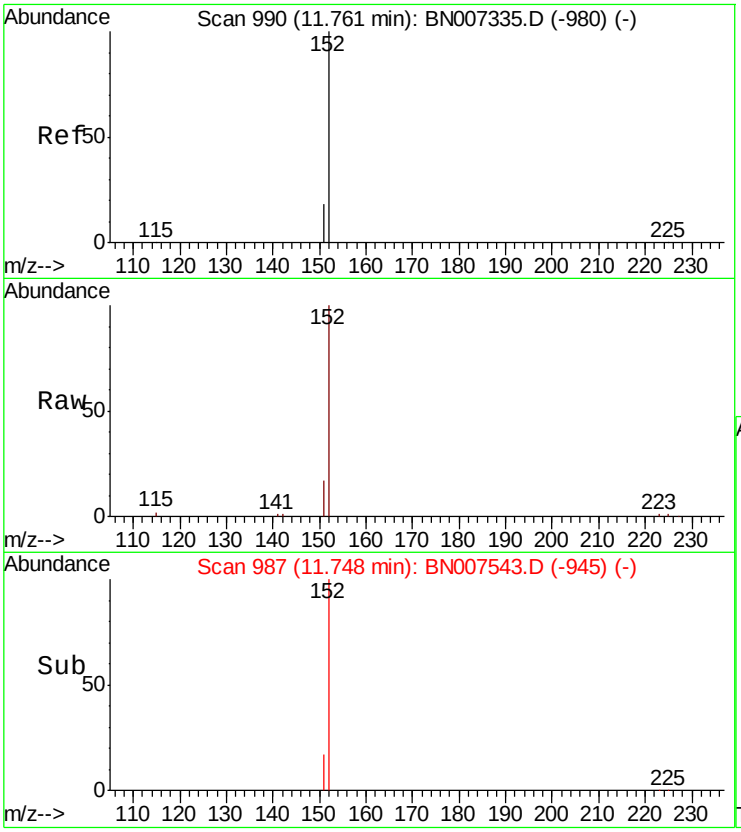


#10
Hexachlorobutadiene
Concen: 0.348 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:225 Resp: 5762

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.7	76.1



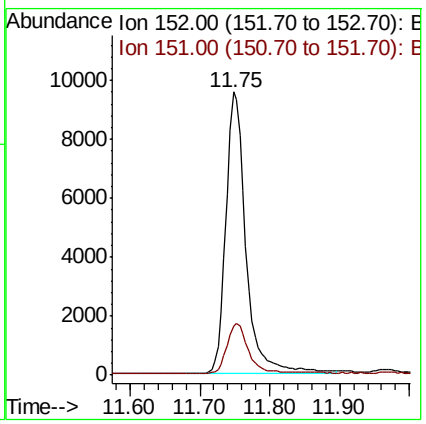


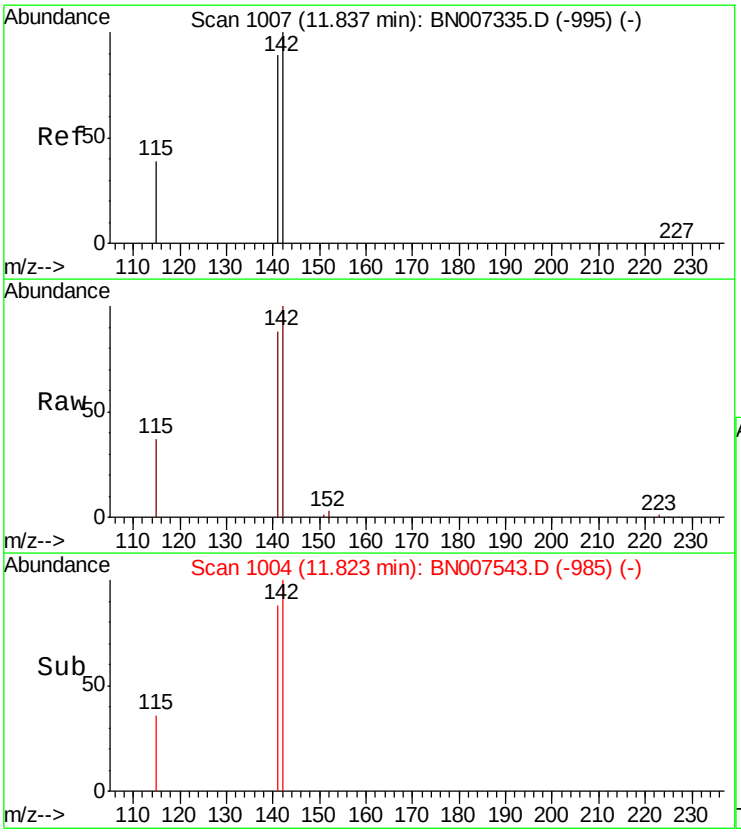
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 18940

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.2

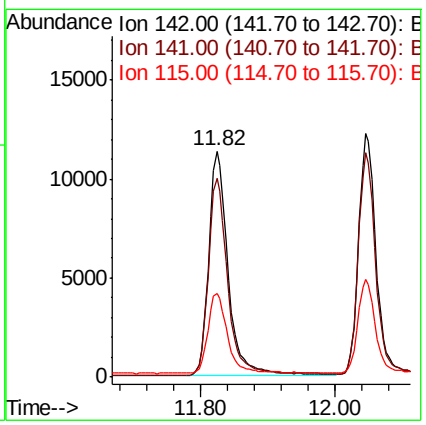


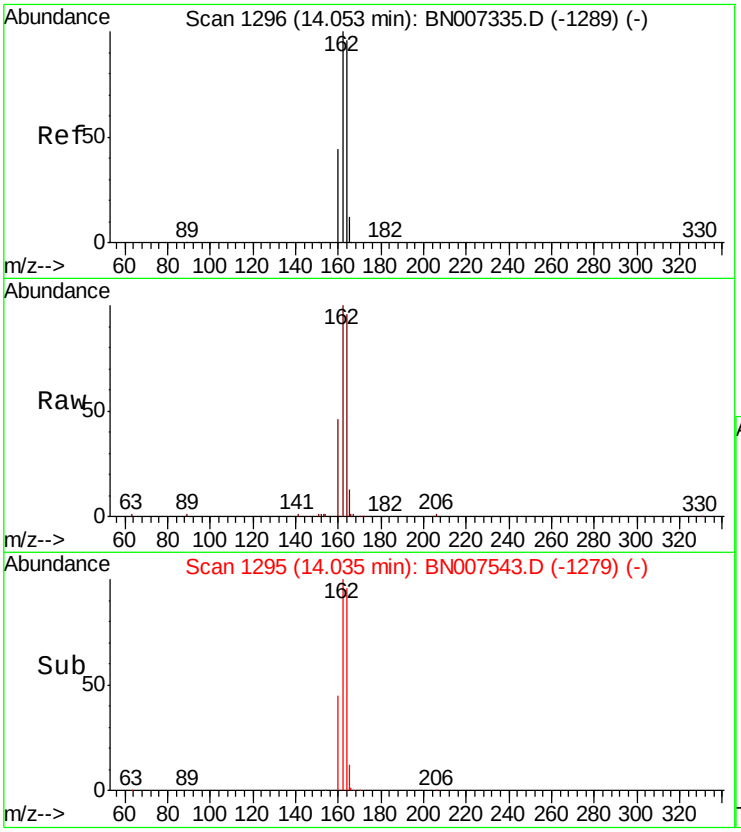


#12
2-Methylnaphthalene
Concen: 0.412 ng
RT: 11.82 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:142 Resp: 22704

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.8	109.2
115	37.1	35.2	52.8



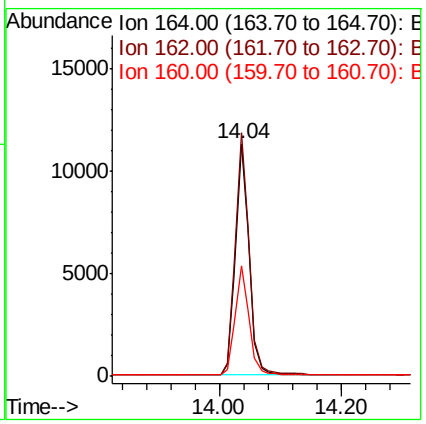


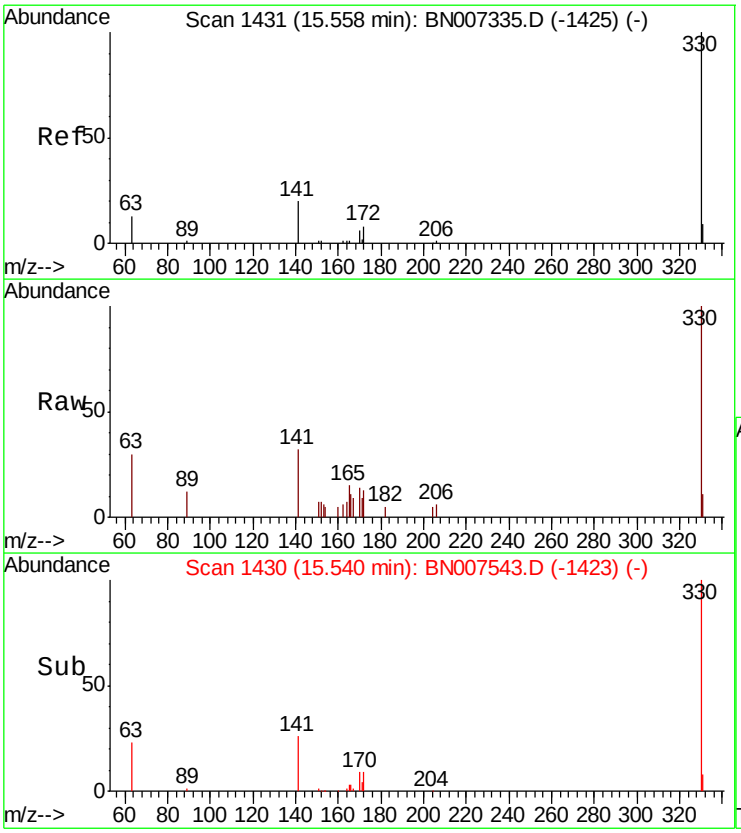
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 17392

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.5	125.3
160	47.7	38.2	57.4

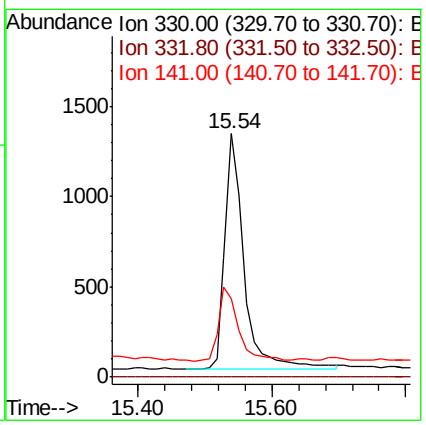


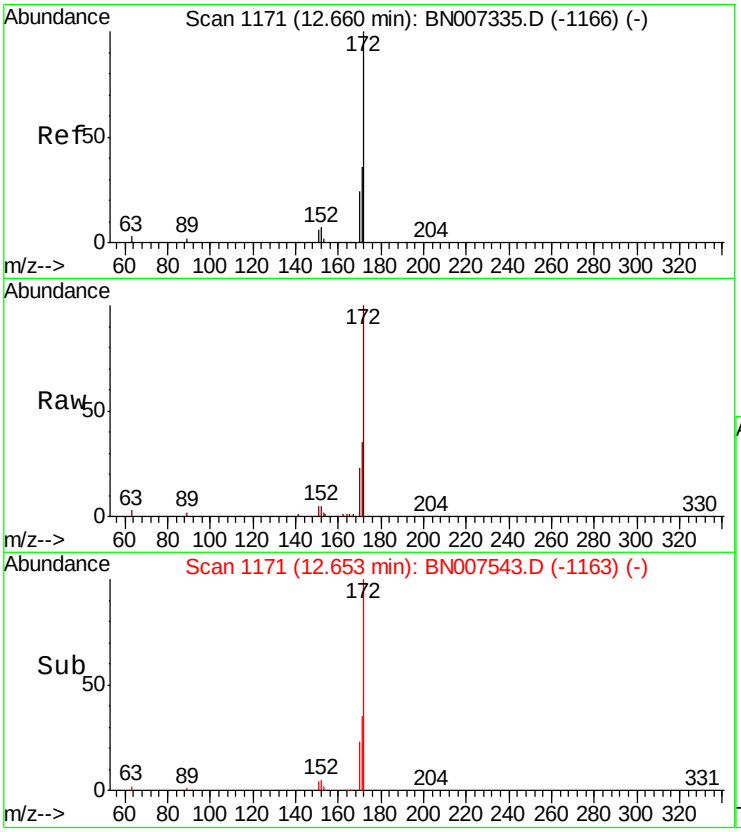


#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.54 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:330 Resp: 2578

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.5	26.9	40.3



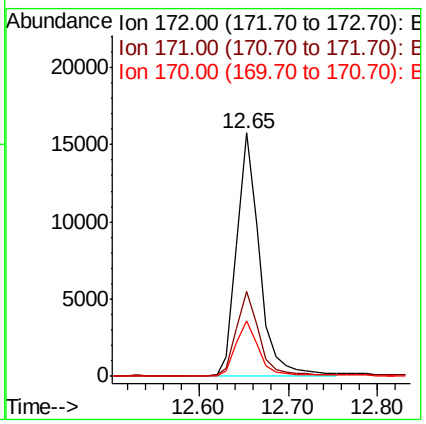


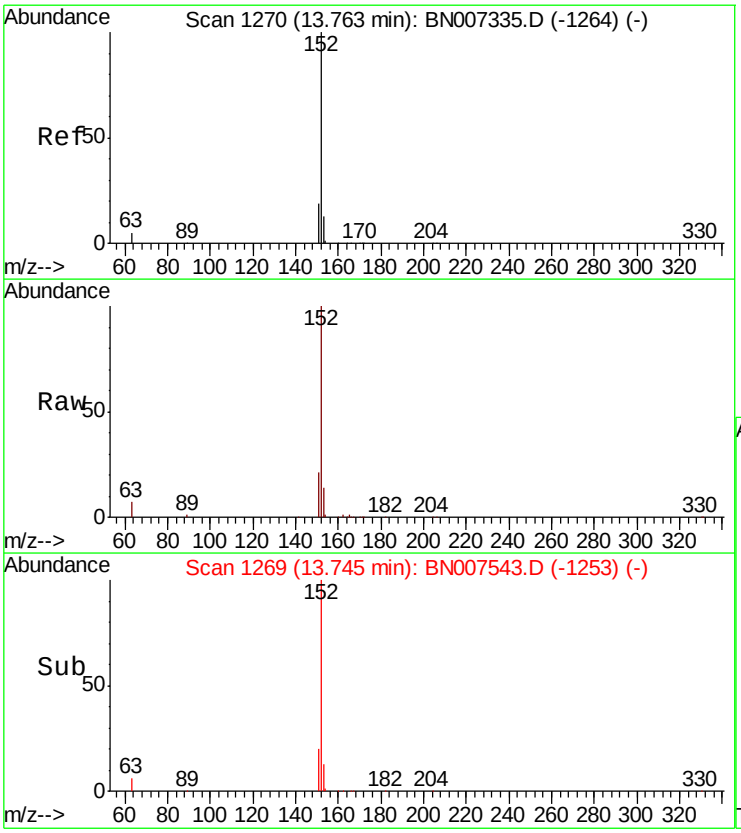
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 27714

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.3	45.5
170	22.8	20.7	31.1

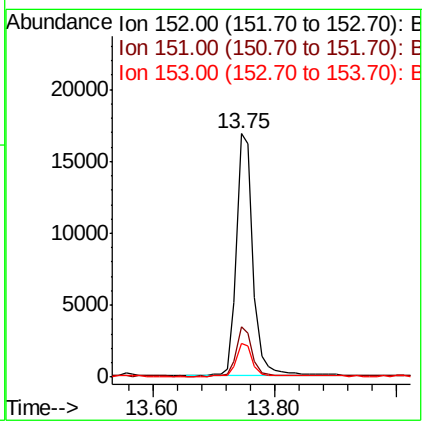


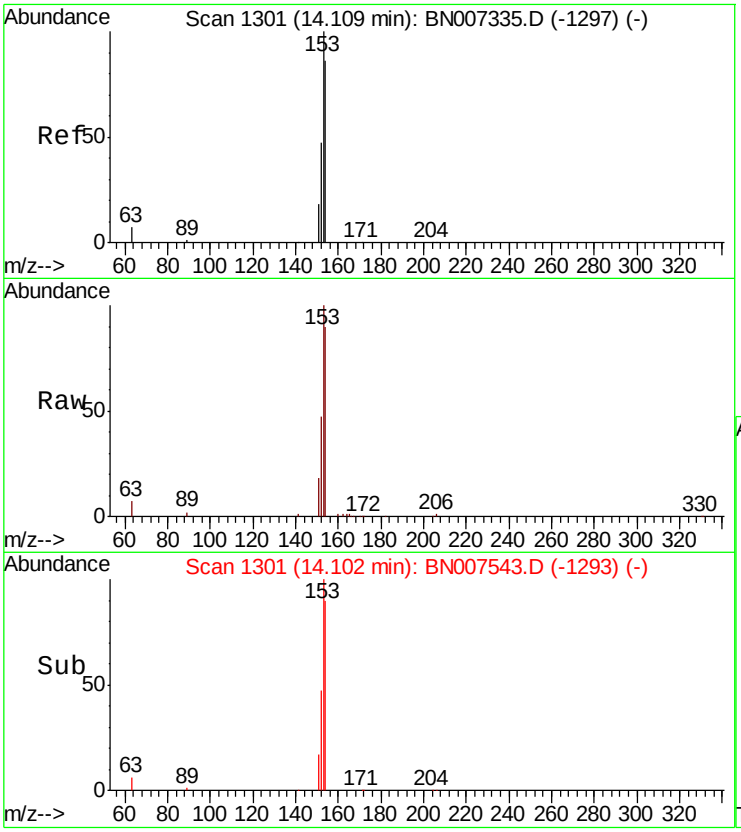


#16
Acenaphthylene
Concen: 0.313 ng
RT: 13.75 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:152 Resp: 32211

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.0	10.6	15.8



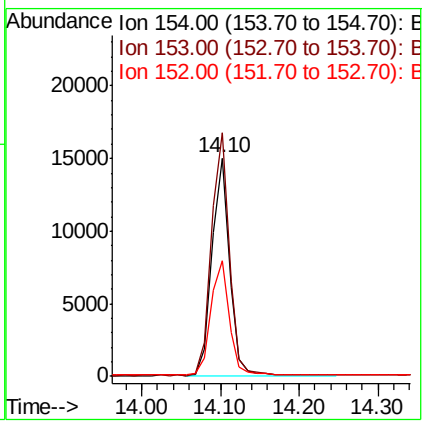


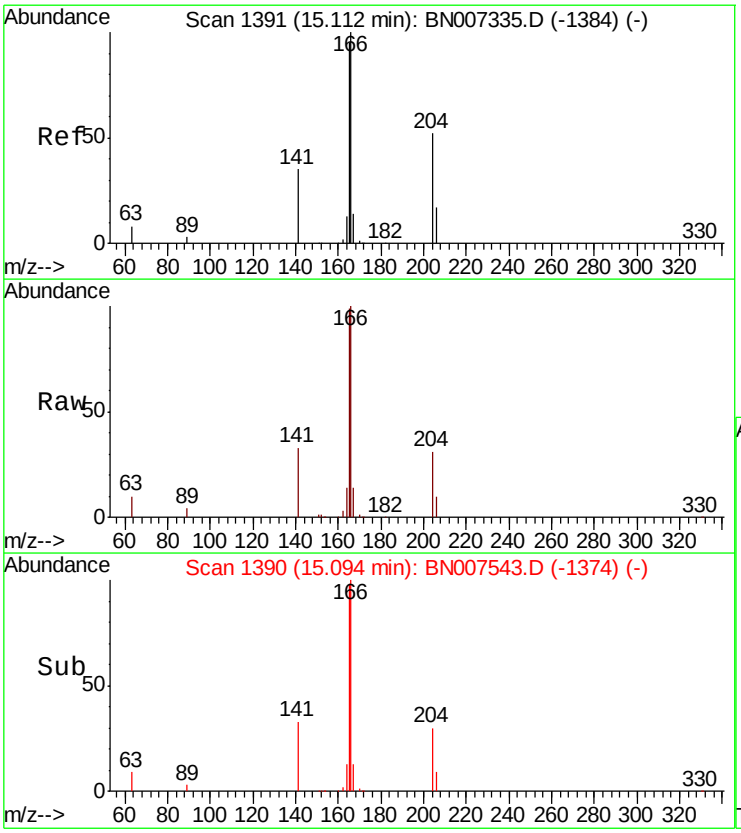
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 23291

Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.8	139.2
152	53.9	43.8	65.8

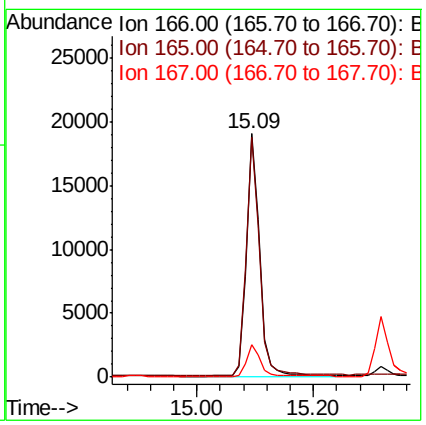


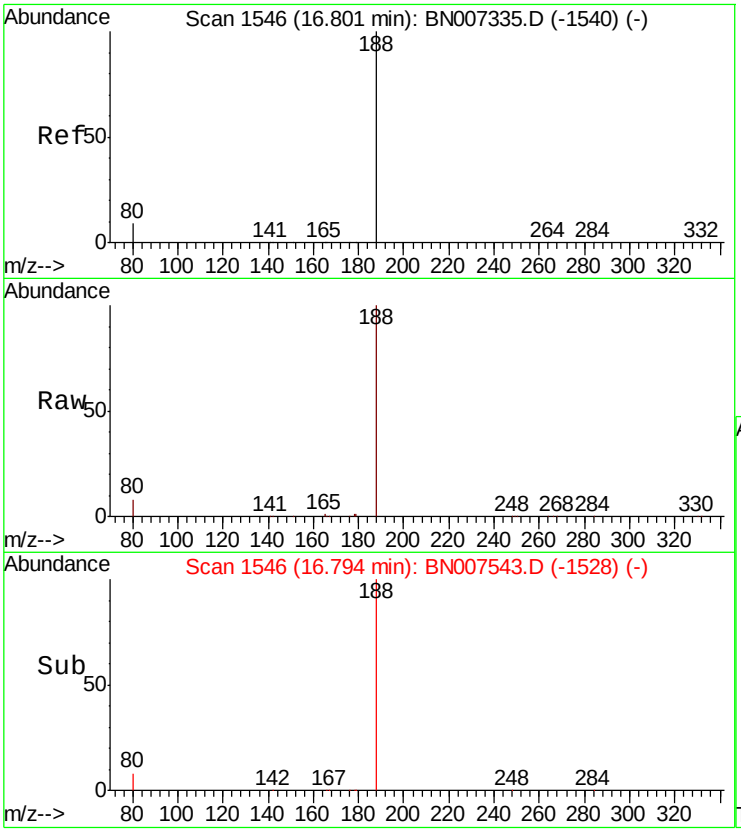


#18
Fluorene
Concen: 0.396 ng
RT: 15.09 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:166 Resp: 30187

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	13.4	10.6	15.8



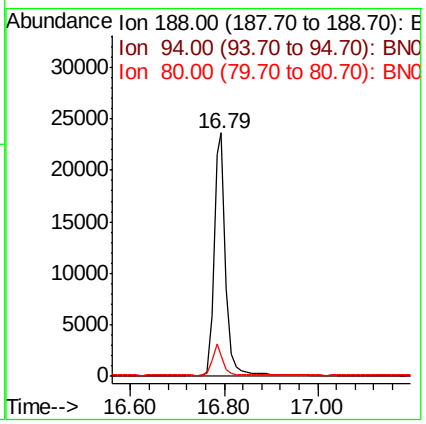


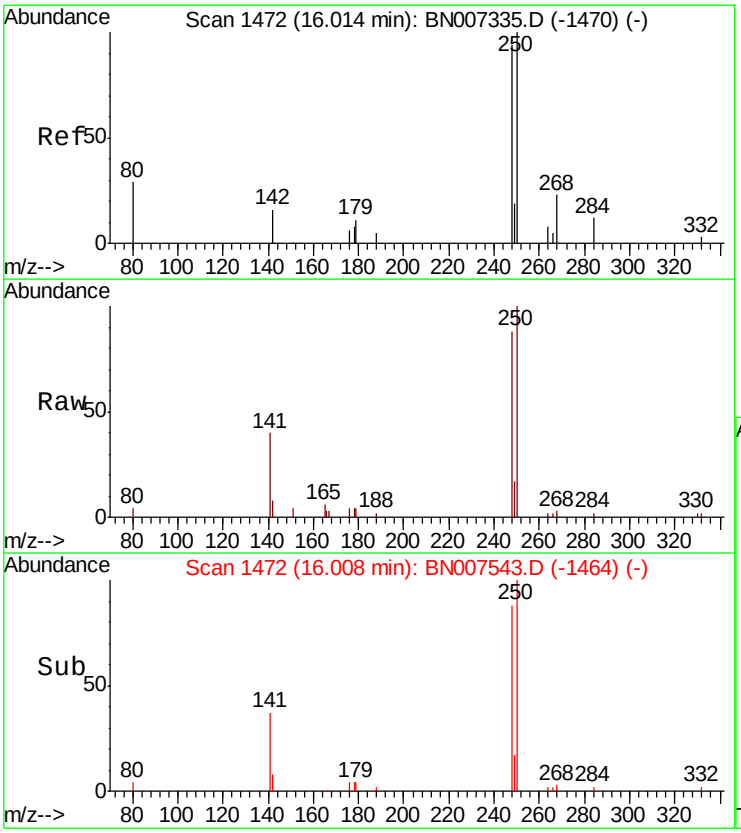
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 41707

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	11.8	17.8#

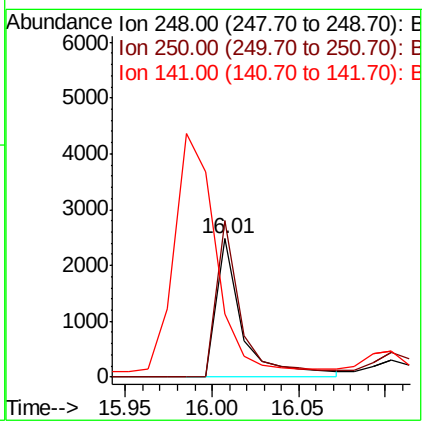


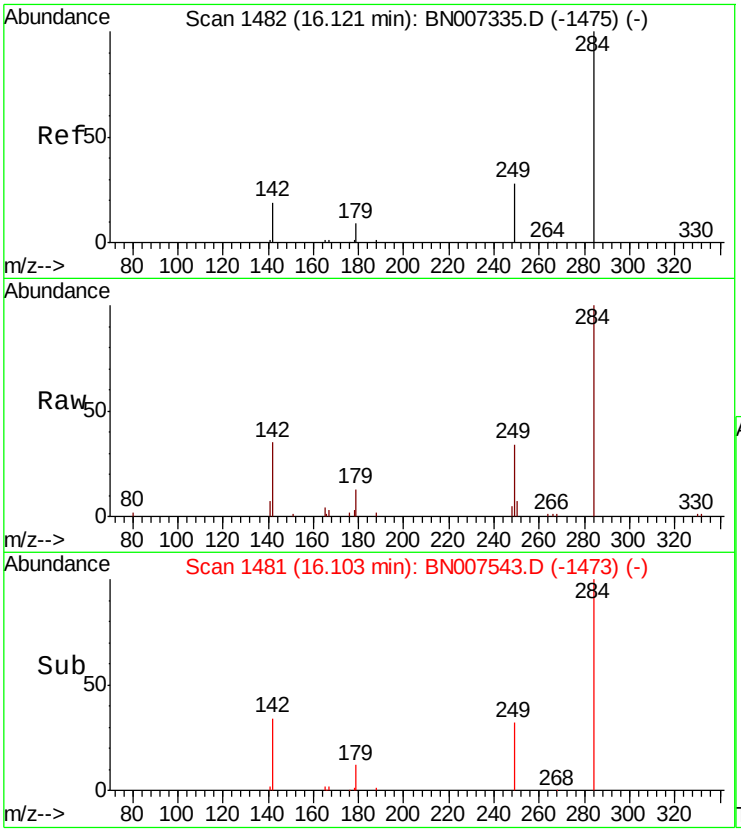


#20
4-Bromophenyl-phenylether
Concen: 0.155 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:248 Resp: 2554

Ion	Ratio	Lower	Upper
248	100		
250	113.5	85.0	127.6
141	45.5	51.7	77.5#



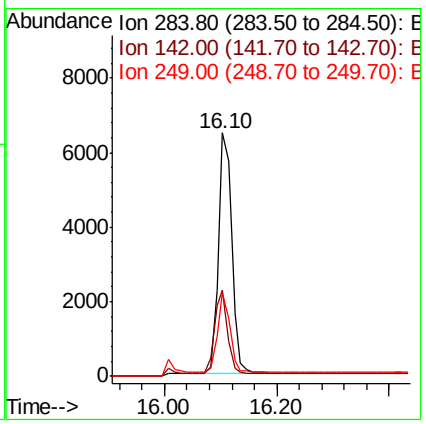


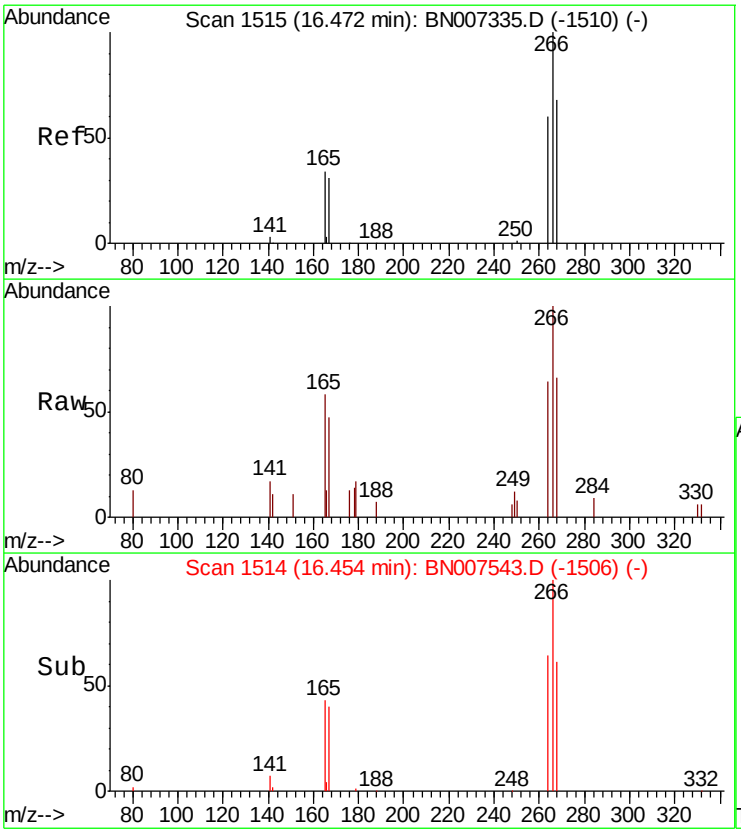
#21
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 10785

Ion	Ratio	Lower	Upper
284	100		
142	33.2	29.0	43.6
249	30.1	24.9	37.3

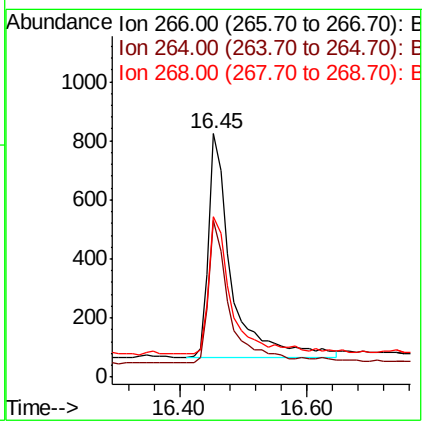


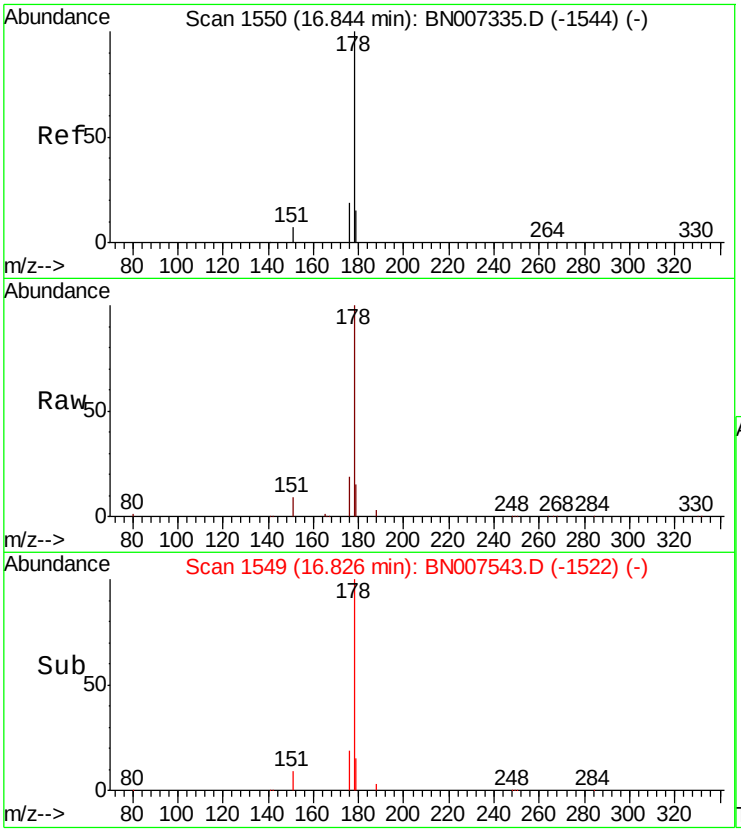


#22
Pentachlorophenol
Concen: 0.218 ng
RT: 16.45 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:266 Resp: 1893

Ion	Ratio	Lower	Upper
266	100		
264	64.1	57.8	86.8
268	65.9	99.7	149.5#



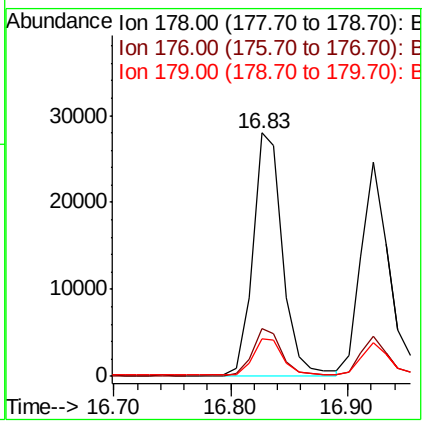


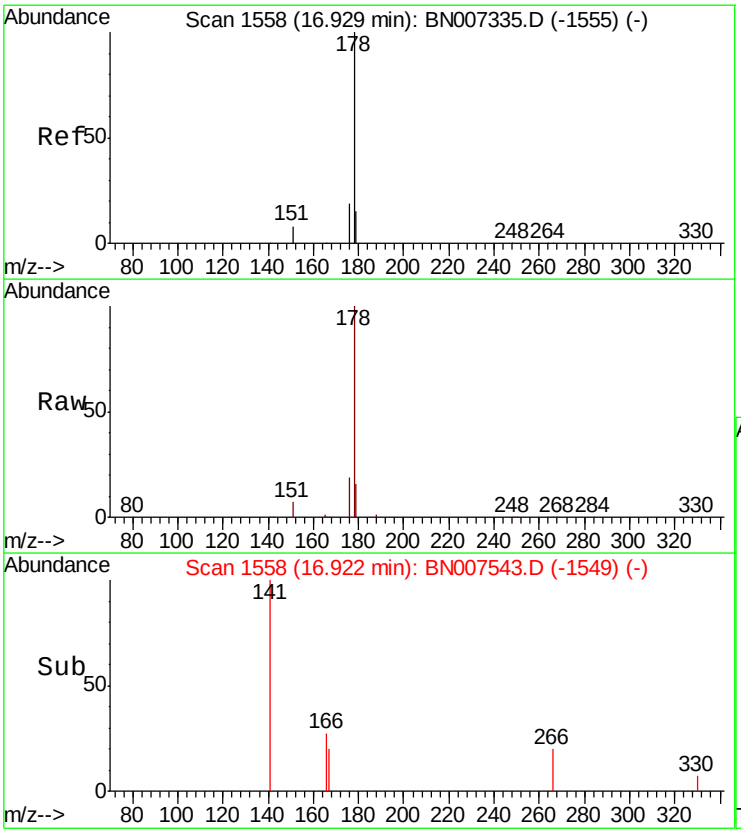
#23
Phenanthrene
Concen: 0.391 ng
RT: 16.83 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 49049

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.6	19.0

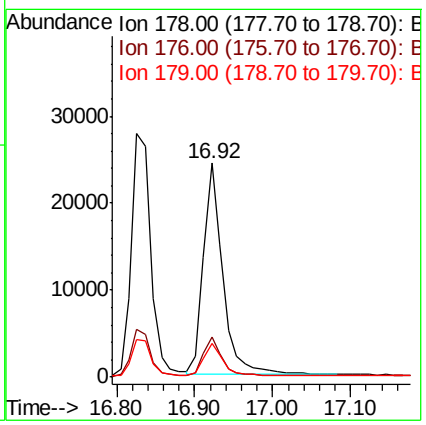


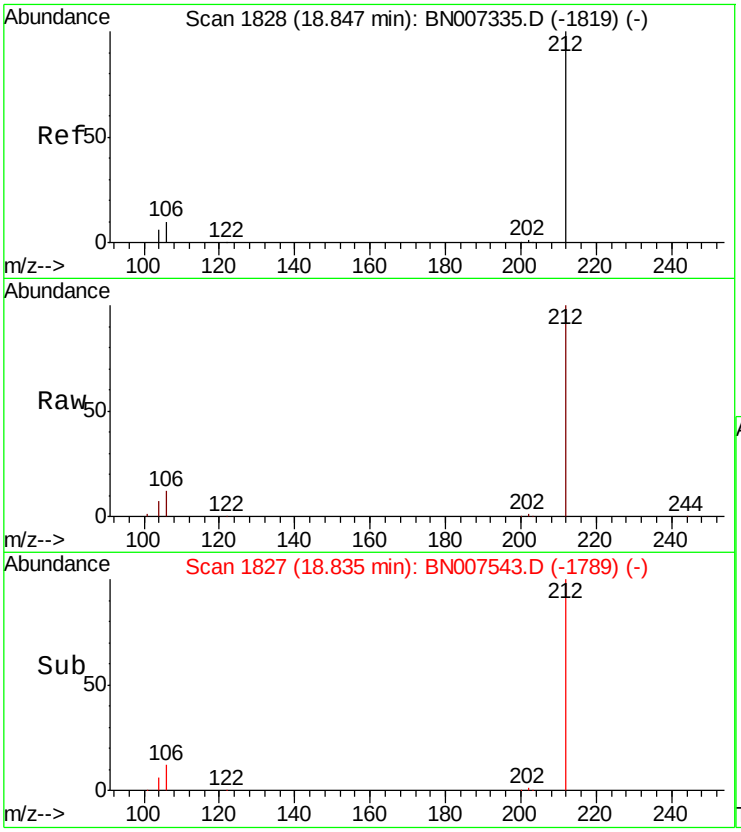


#24
Anthracene
Concen: 0.332 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:178 Resp: 41873

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.1	12.4	18.6



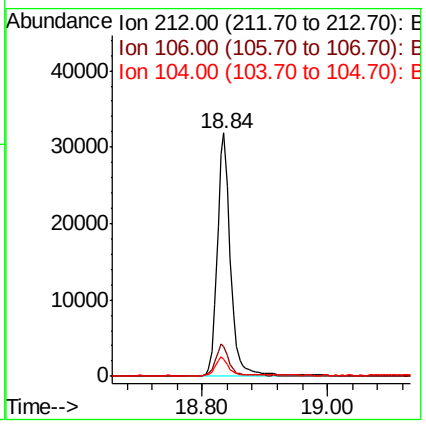


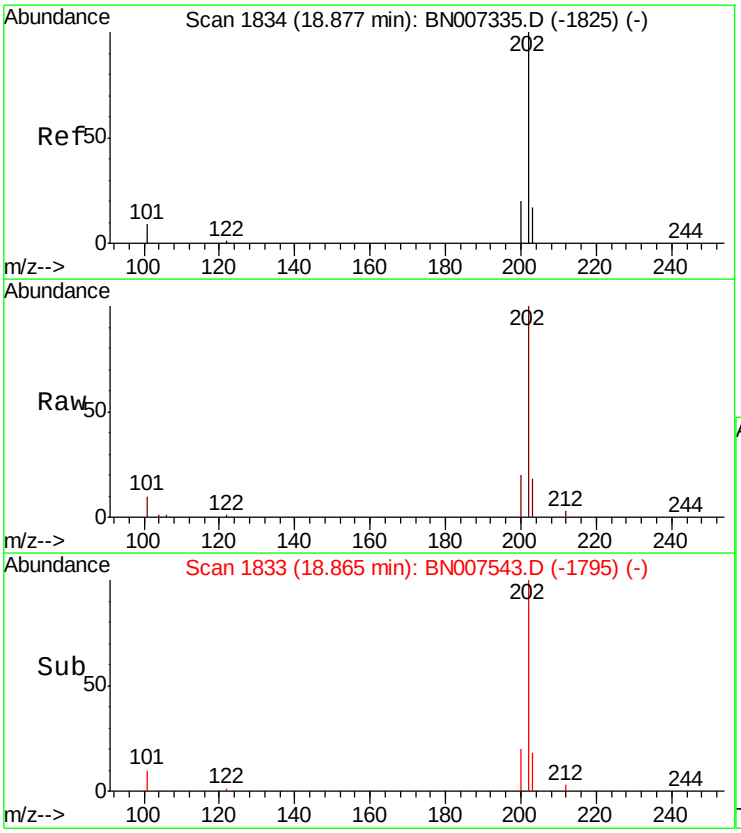
#25
Fluoranthene-d10
Concen: 0.347 ng
RT: 18.84 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 46662

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.0	13.4
104	7.4	5.4	8.2

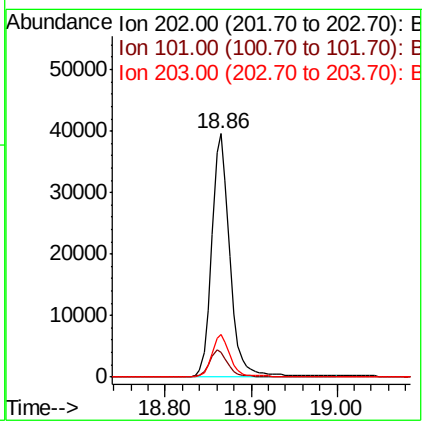


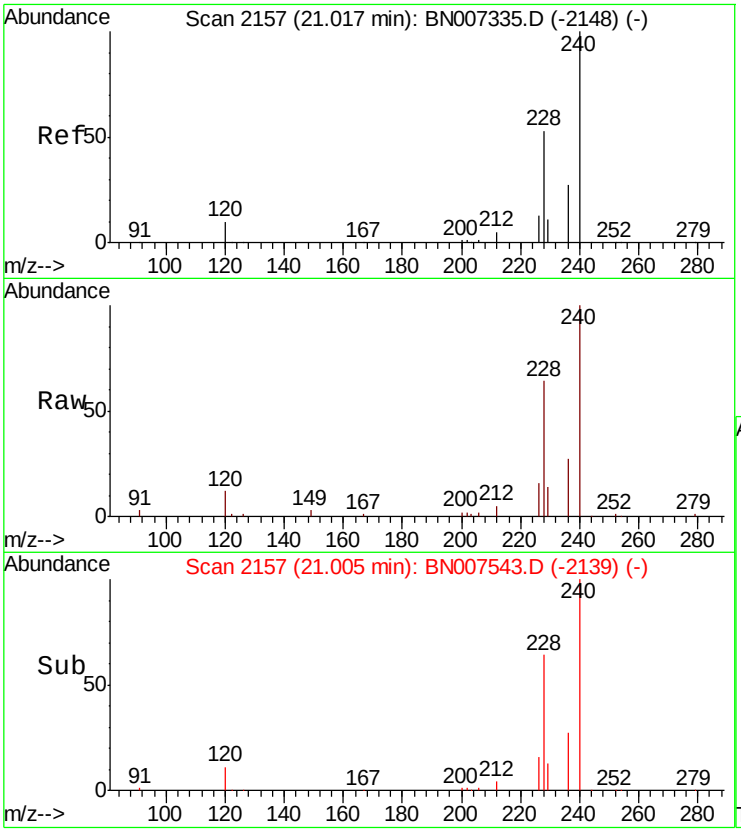


#26
Fluoranthene
Concen: 0.356 ng
RT: 18.86 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:202 Resp: 57351

Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.7	11.5
203	17.0	13.7	20.5



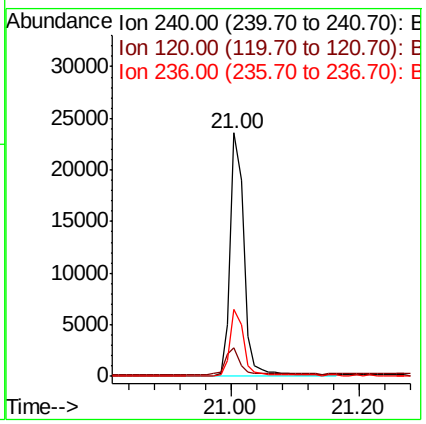


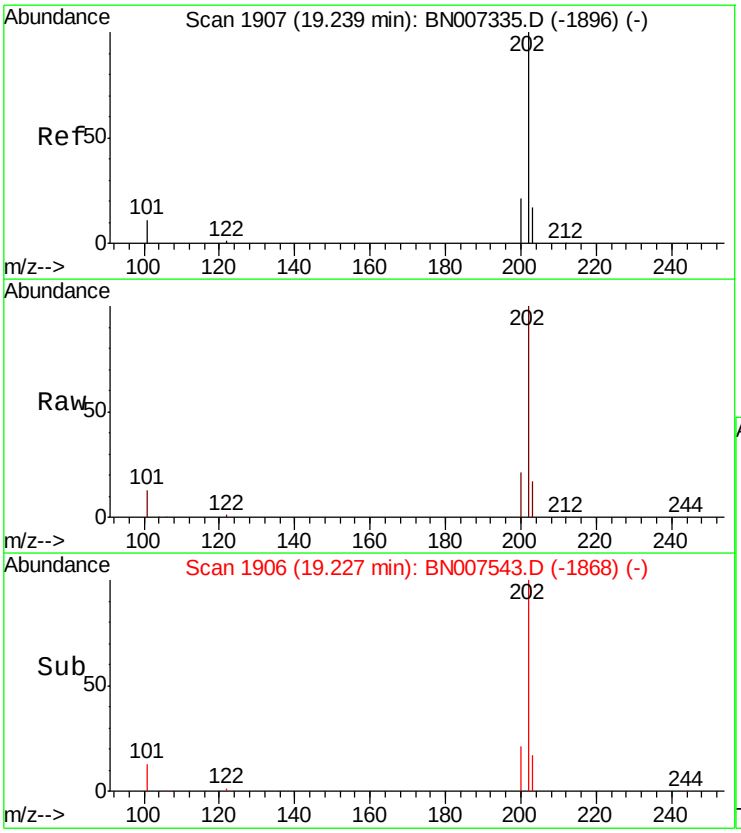
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 34982

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	27.4	22.2	33.2

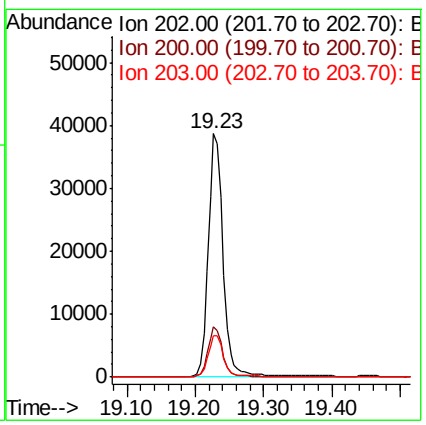


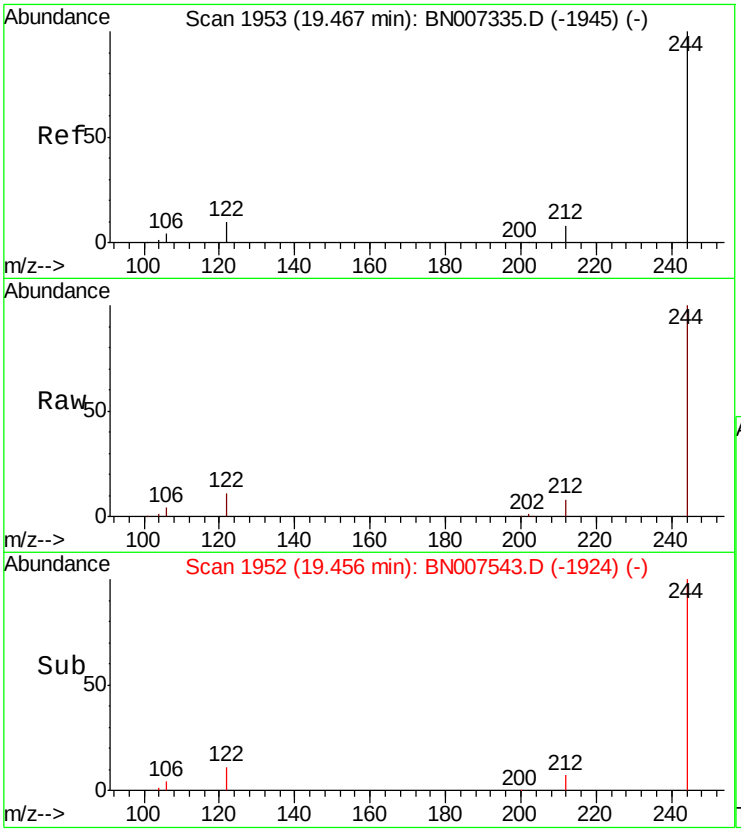


#28
Pyrene
Concen: 0.412 ng
RT: 19.23 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:202 Resp: 58044

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	17.5	14.2	21.4



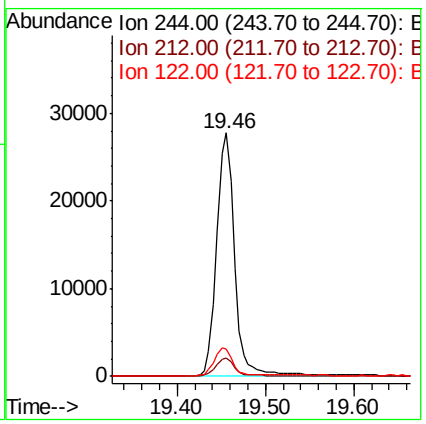


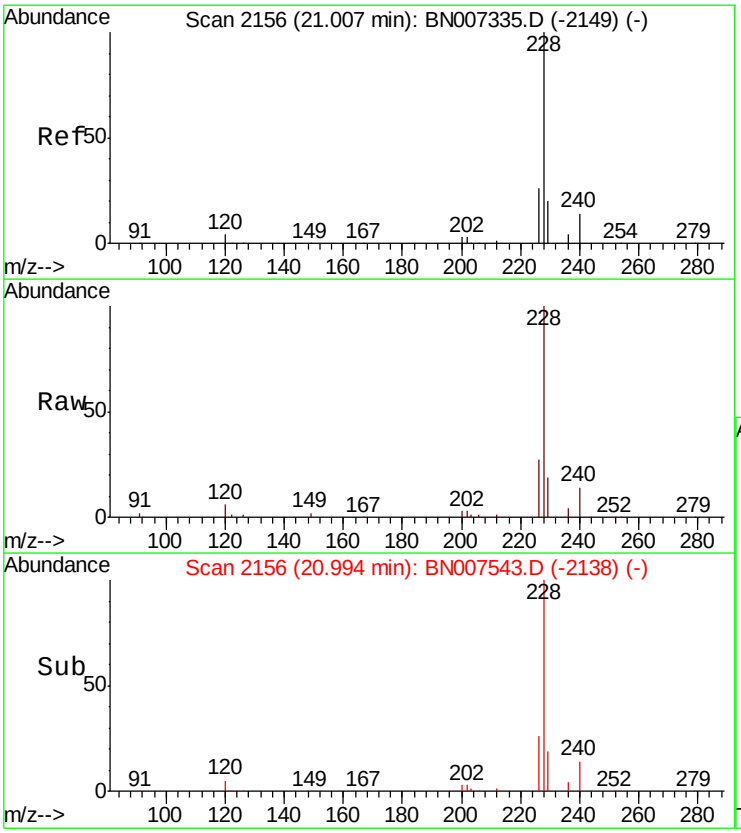
#29
Terphenyl-d14
Concen: 0.426 ng
RT: 19.46 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 38958

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.6
122	11.1	9.6	14.4

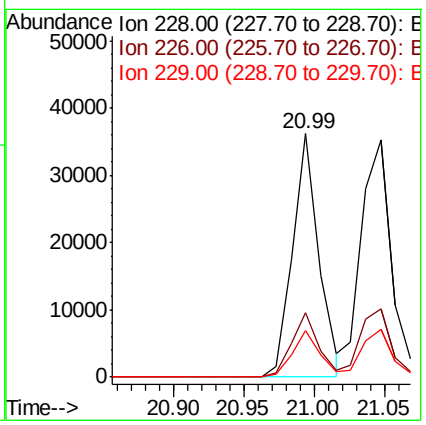


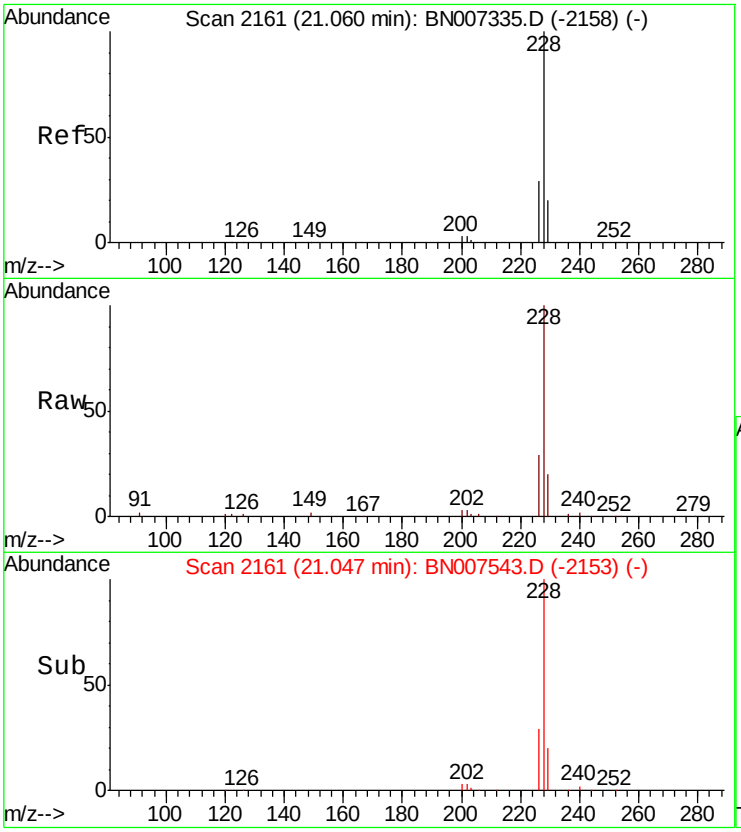


#30
Benzo(a)anthracene
Concen: 0.341 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:228 Resp: 46864

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.3	16.1	24.1



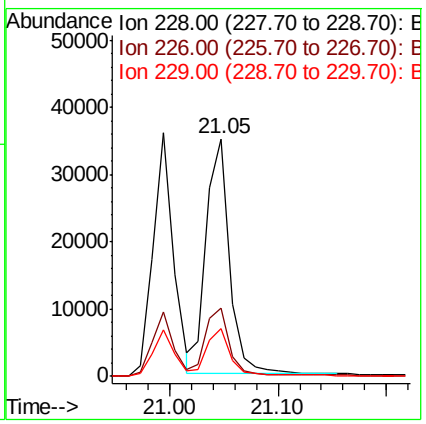


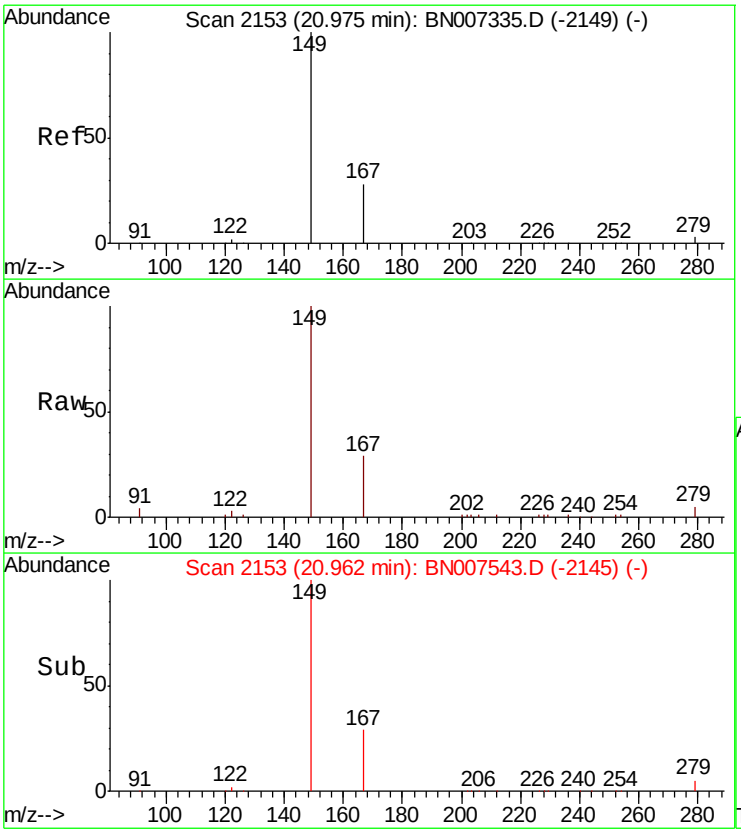
#31
Chrysene
Concen: 0.398 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 52834

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.5	35.3
229	20.2	16.6	24.8

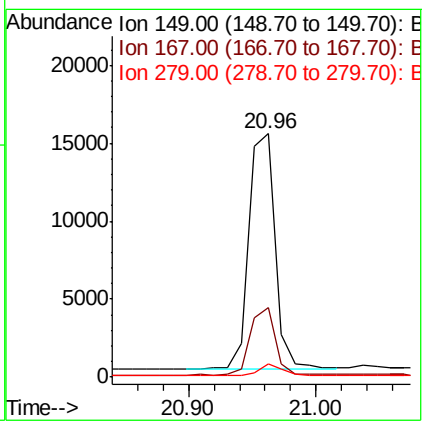


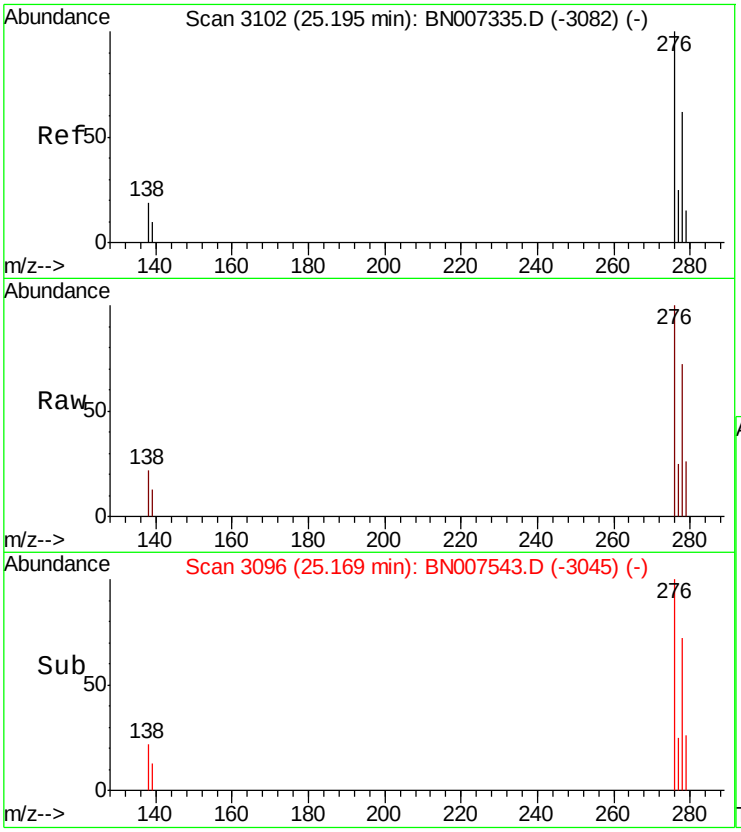


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.225 ng
RT: 20.96 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:149 Resp: 21700

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.8	34.2
279	4.2	3.5	5.3



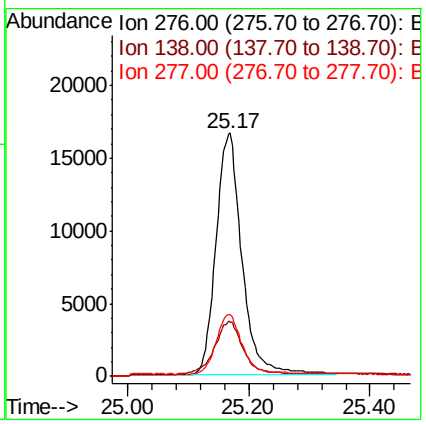


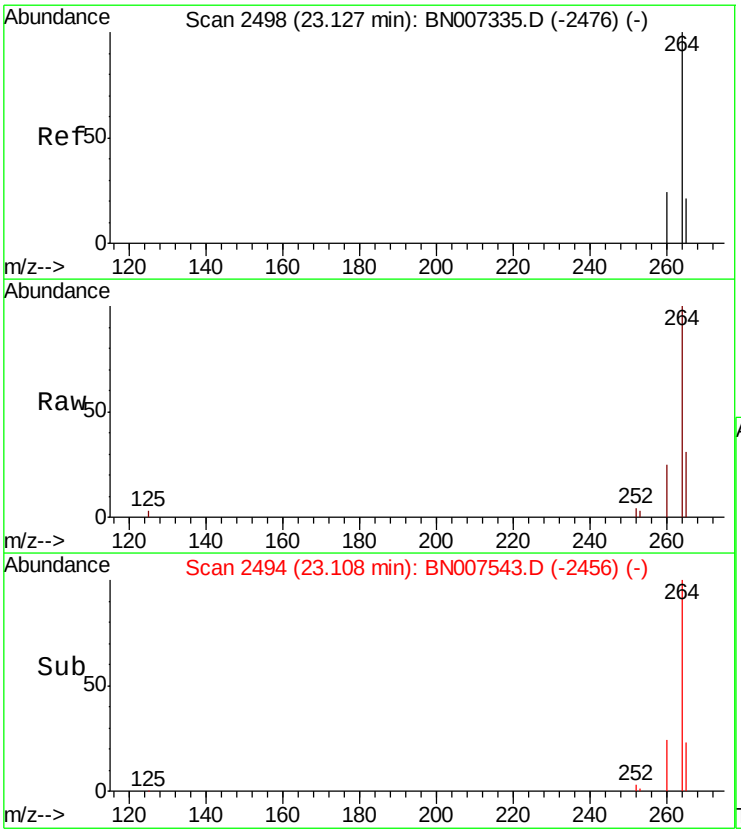
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng
RT: 25.17 min Scan# 3096
Delta R.T. -0.03 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 49925

Ion	Ratio	Lower	Upper
276	100		
138	22.9	15.1	22.7#
277	24.3	19.7	29.5

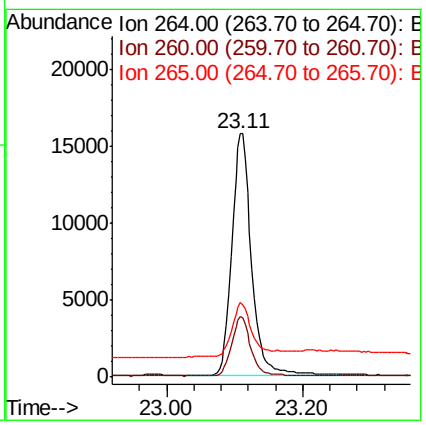


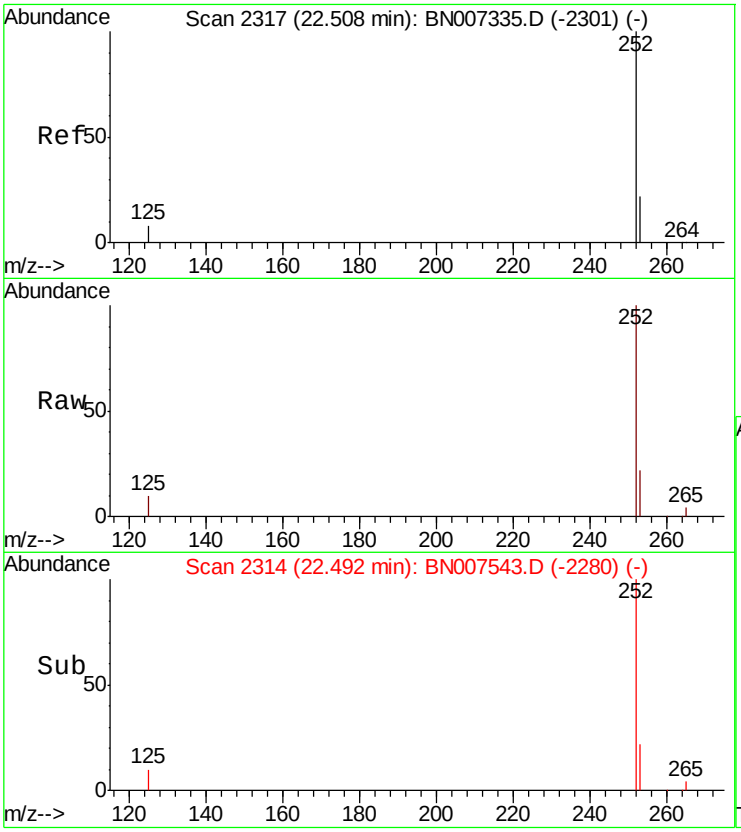


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:264 Resp: 31766

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	30.6	29.9	44.9



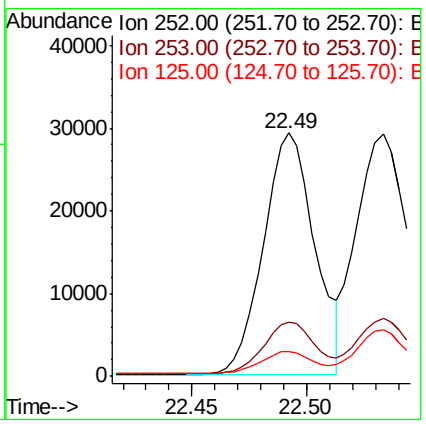


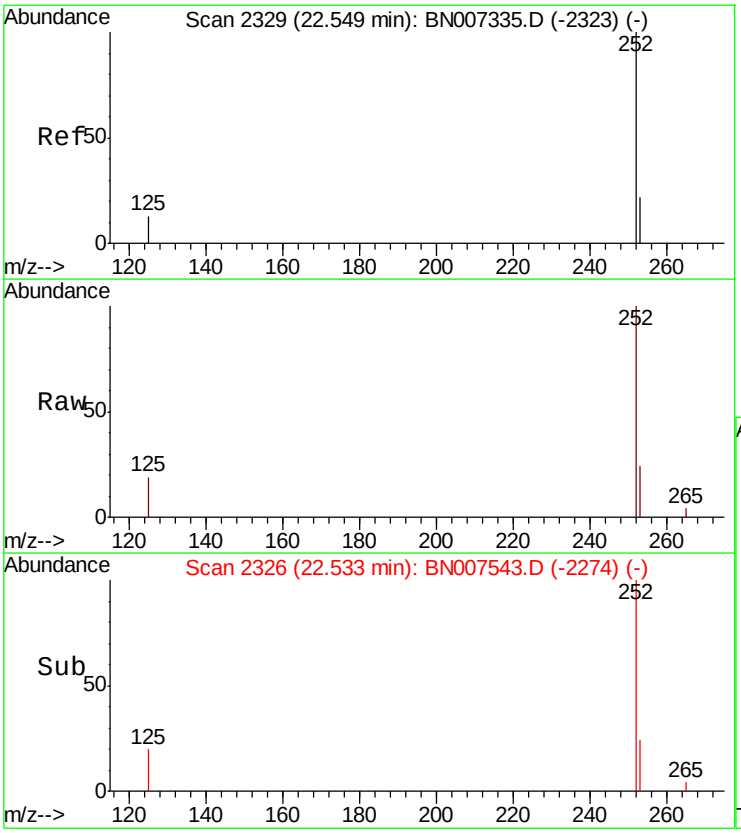
#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 22.49 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 45712

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.2	28.8
125	10.4	10.6	16.0#

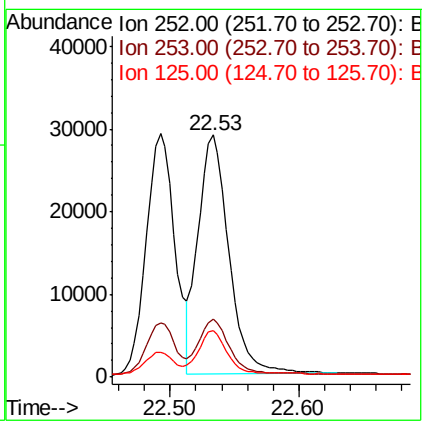


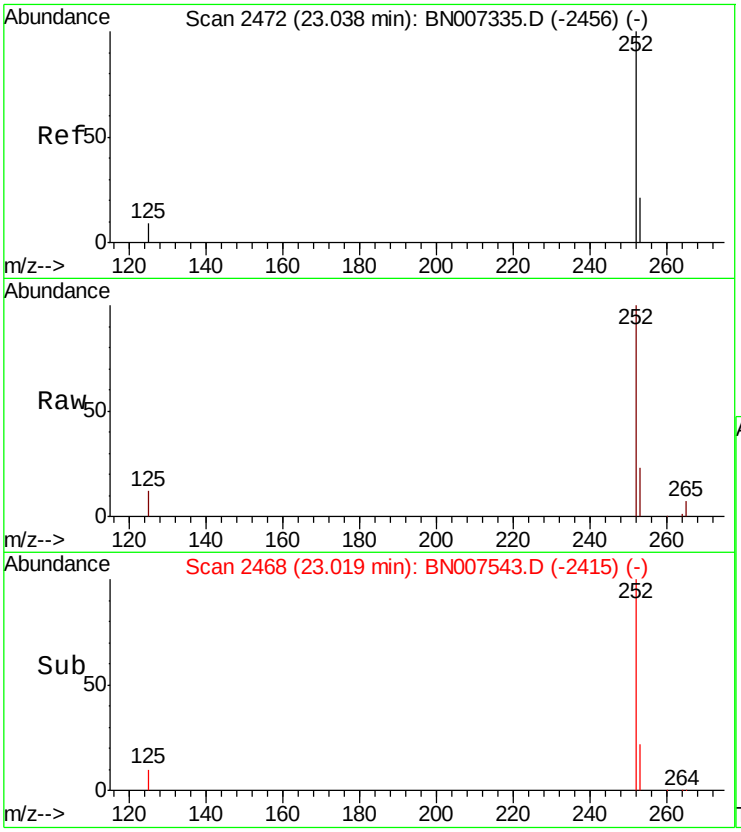


#36
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 22.53 min Scan# 2326
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:252 Resp: 48320

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	19.4	13.1	19.7



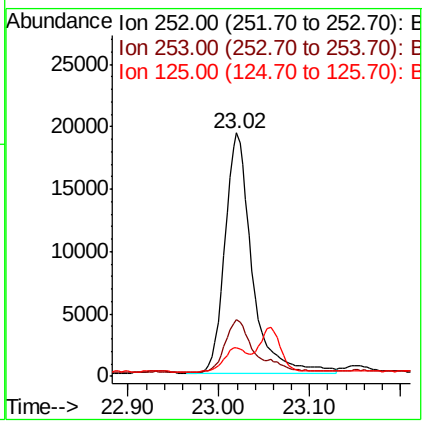


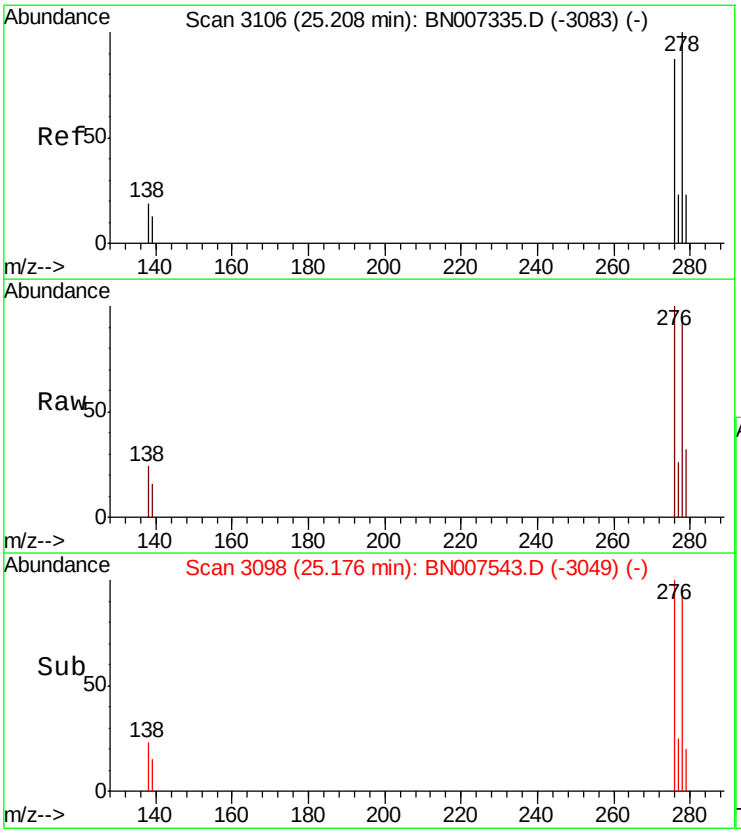
#37
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.02 min Scan# 2468
Delta R.T. -0.02 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 39605

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.5	29.3
125	12.0	12.1	18.1#

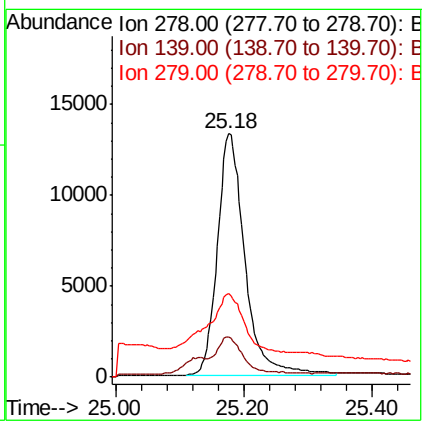


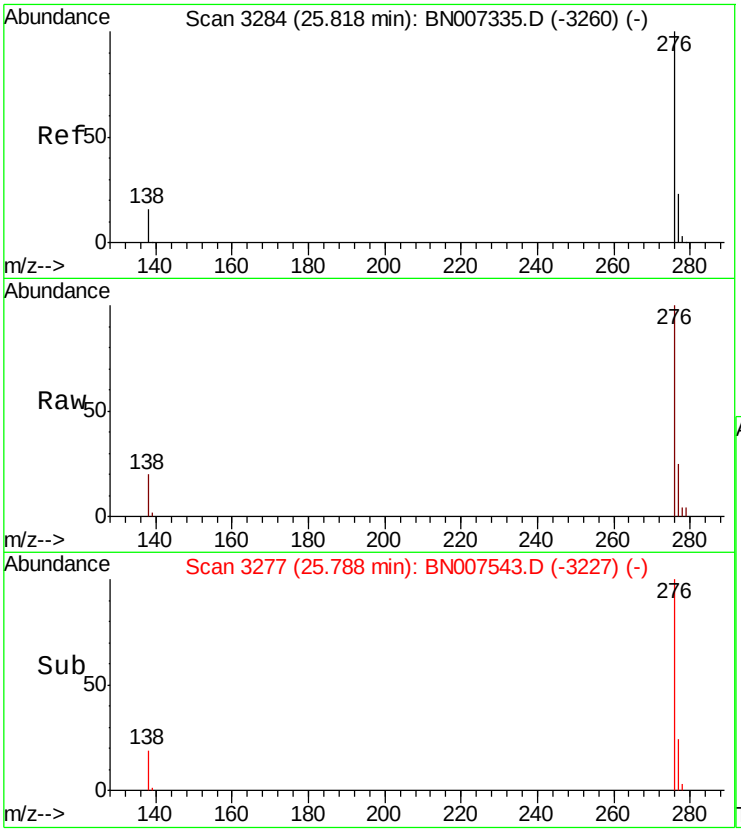


#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 25.18 min Scan# 3098
Delta R.T. -0.03 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Tgt Ion:278 Resp: 39371

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.7	20.5
279	34.4	20.2	30.4#





#39
Benzo(g,h,i)perylene
Concen: 0.375 ng
RT: 25.79 min Scan# 3277
Delta R.T. -0.03 min
Lab File: BN007543.D
Acq: 05 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 40795

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	20.3	16.3	24.5