Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
Data File : BN008717.D
Acq On : 22 Nov 2019 22:12
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 25 10:31:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:21:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4565	0.40	ng		0.00
7) Naphthalene-d8	10.35	136	16985	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	10491	0.40	ng		0.00
19) Phenanthrene-d10	16.96	188	21786	0.40	ng		0.00
27) Chrysene-d12	21.16	240	21553	0.40	ng		0.00
34) Perylene-d12	23.32	264	21677	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	39657	3.32	ng		0.00
5) Phenol-d6	6.78	99	51328	3.40	ng		0.00
8) Nitrobenzene-d5	8.73	82	51077	3.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.95	152	89163	3.33	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	17588	3.60	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	134692	3.29	ng		0.00
25) Fluoranthene-d10	19.00	212	215690	3.37	ng		0.00
29) Terphenyl-d14	19.61	244	170698	3.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	16015	3.318	ng		97
3) n-Nitrosodimethylamine	3.51	42	21466	7.017	ng	#	100
6) bis(2-Chloroethyl)ether	7.03	93	46648	3.293	ng		98
9) Naphthalene	10.41	128	148399	3.273	ng		98
10) Hexachlorobutadiene	10.71	225	30076	3.200	ng	#	99
12) 2-Methylnaphthalene	12.02	142	104525	3.311	ng		99
16) Acenaphthylene	13.93	152	166551	3.450	ng		100
17) Acenaphthene	14.28	154	108966	3.428	ng		95
18) Fluorene	15.27	166	136640	3.357	ng		99
20) 4-Bromophenyl-phenylether	16.17	248	45974	3.380	ng		98
21) Hexachlorobenzene	16.28	284	49744	3.324	ng		99
22) Pentachlorophenol	16.62	266	20135	3.754	ng		97
23) Phenanthrene	17.01	178	224776	3.346	ng		100
24) Anthracene	17.09	178	207694	3.459	ng		100
26) Fluoranthene	19.03	202	264346	3.351	ng		100
28) Pyrene	19.39	202	262810	3.303	ng		100
30) Benzo(a)anthracene	21.14	228	262691	3.330	ng		97
31) Chrysene	21.20	228	250071	3.274	ng		99
32) Bis(2-ethylhexyl)phthalate	21.11	149	152274	2.973	ng		99
33) Indeno(1,2,3-cd)pyrene	25.46	276	278418	3.271	ng		99
35) Benzo(b)fluoranthene	22.68	252	246273	3.285	ng	#	90
36) Benzo(k)fluoranthene	22.73	252	249901	3.291	ng	#	84
37) Benzo(a)pyrene	23.23	252	229166	3.302	ng	#	87
38) Dibenzo(a,h)anthracene	25.47	278	224579	3.279	ng		94
39) Benzo(g,h,i)perylene	26.10	276	225204	3.297	ng		96

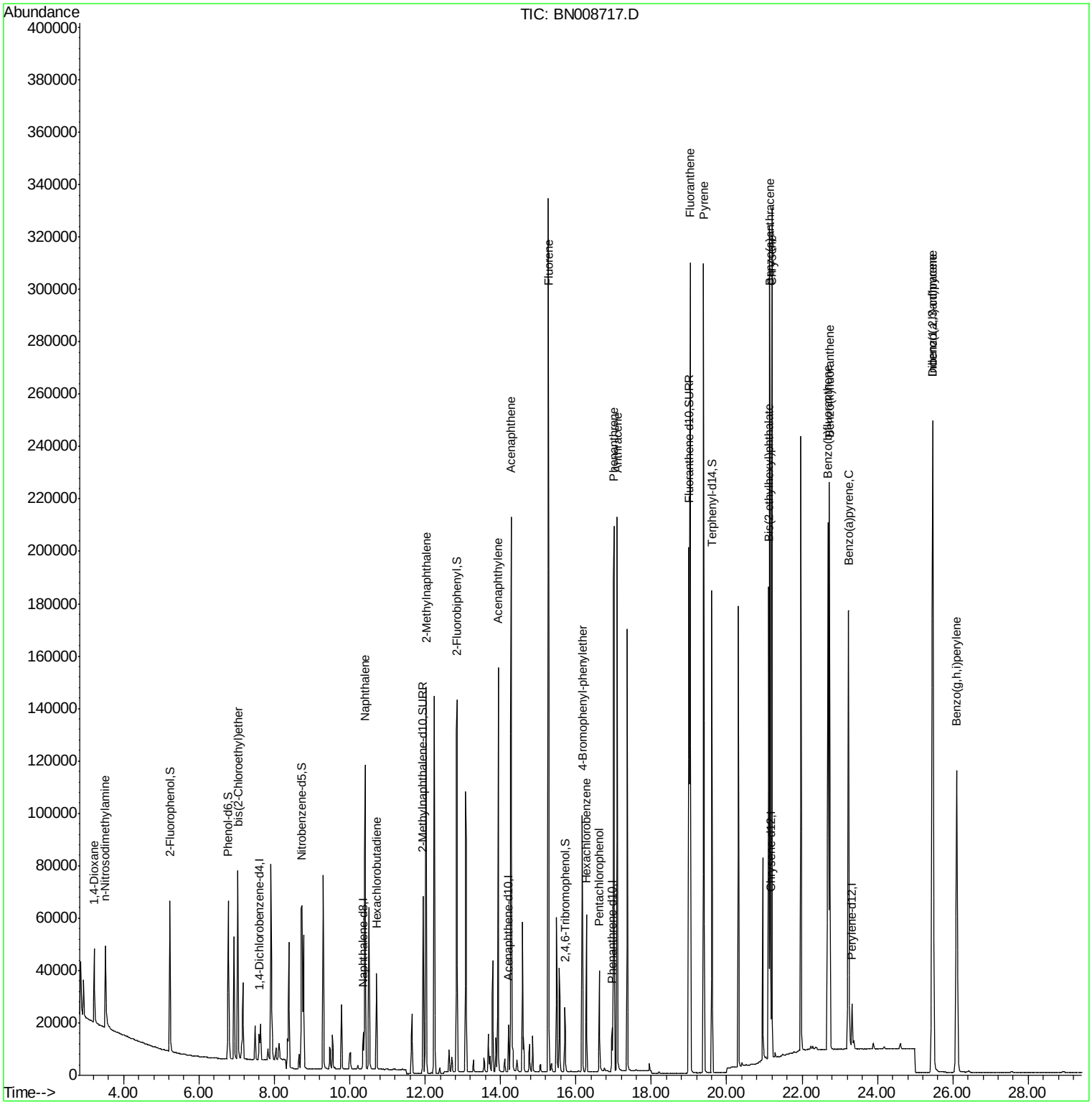
(#) = qualifier out of range (m) = manual integration (+) = signals summed

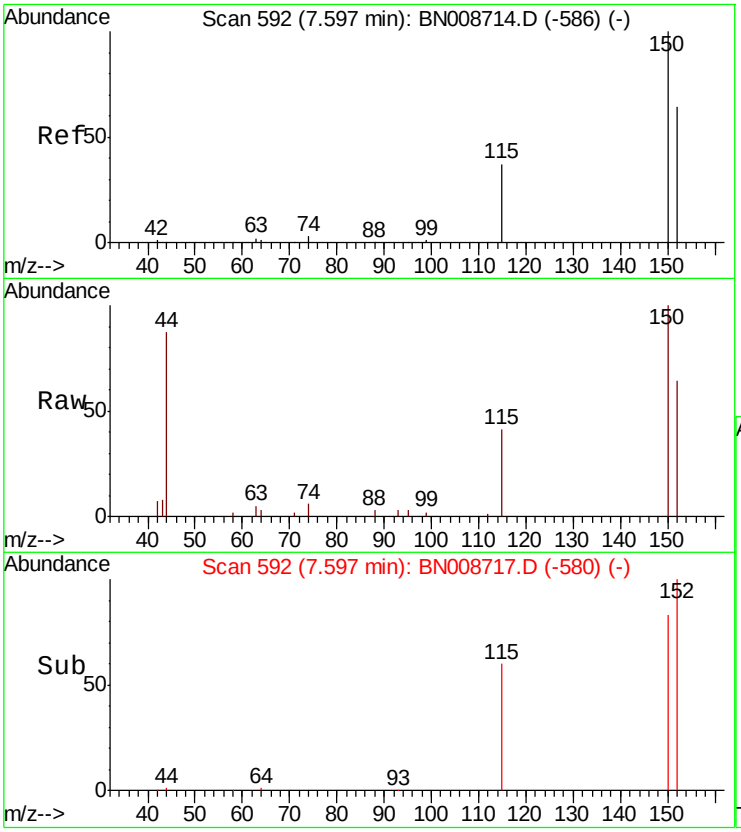
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
Data File : BN008717.D
Acq On : 22 Nov 2019 22:12
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 10:31:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:21:24 2019
Response via : Initial Calibration



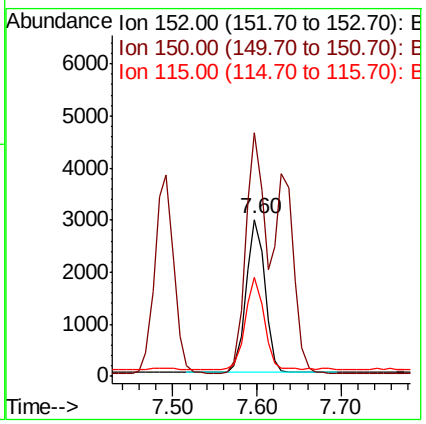


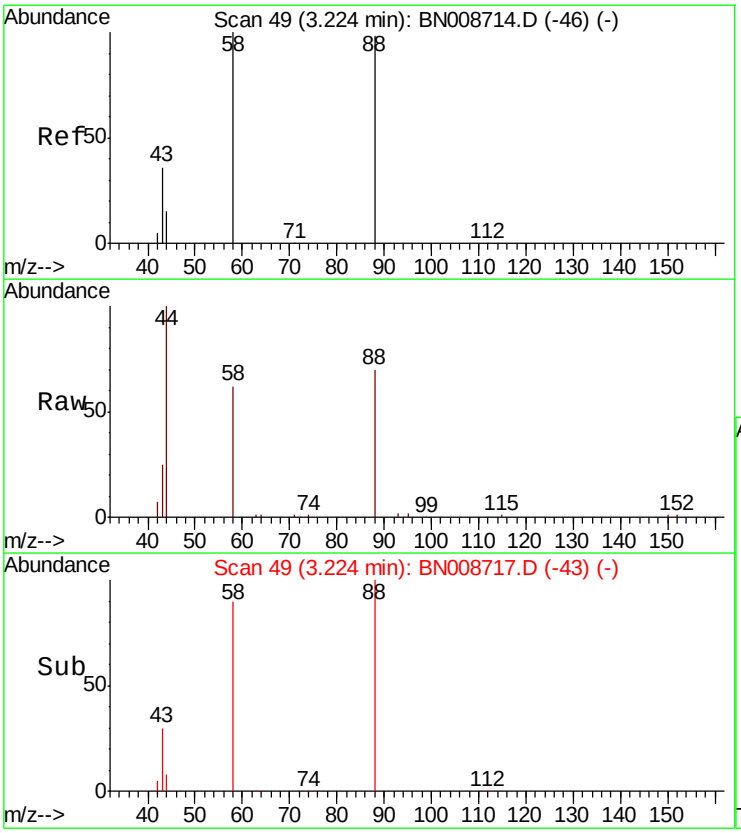
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4565

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.0	186.0
115	63.3	49.8	74.8

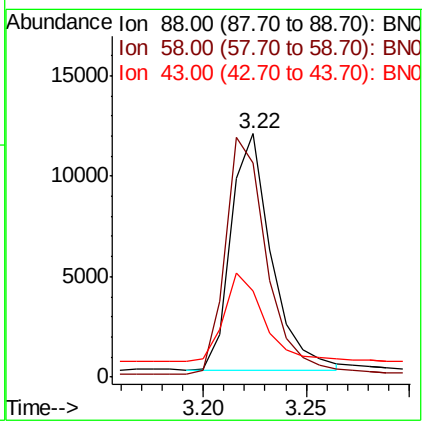


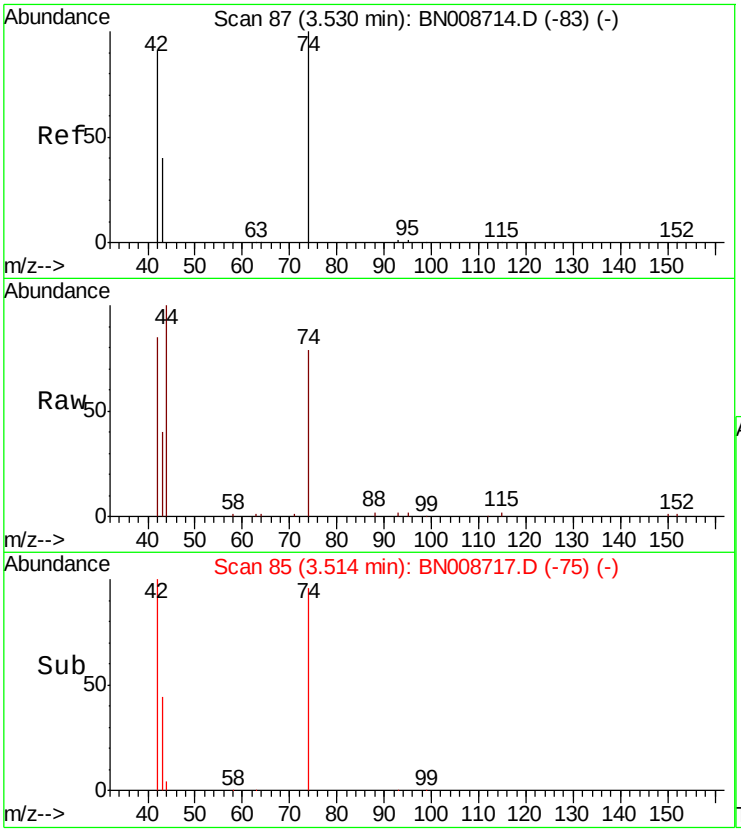


#2
1,4-Dioxane
Concen: 3.318 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion: 88 Resp: 16015

Ion	Ratio	Lower	Upper
88	100		
58	103.5	85.7	128.5
43	36.6	29.5	44.3



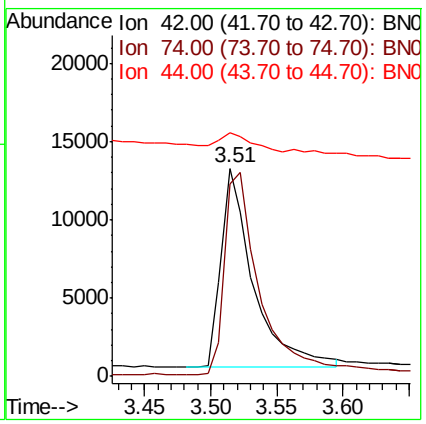


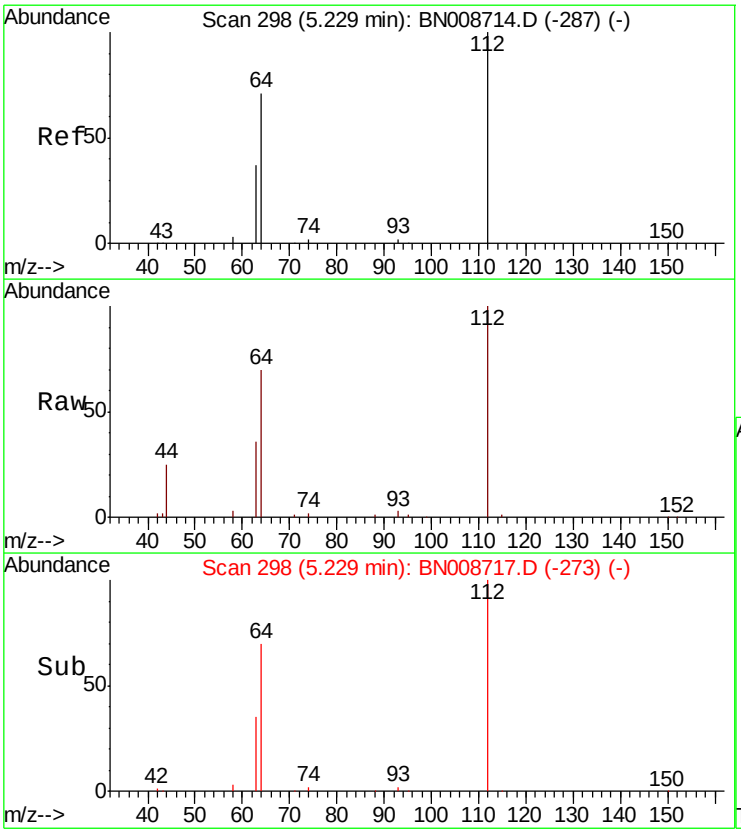
#3
n-Nitrosodimethylamine
Concen: 7.017 ng
RT: 3.51 min Scan# 85
Delta R.T. -0.02 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 21466

Ion	Ratio	Lower	Upper
42	100		
74	109.8	88.0	132.0
44	11.2	0.0	0.0#

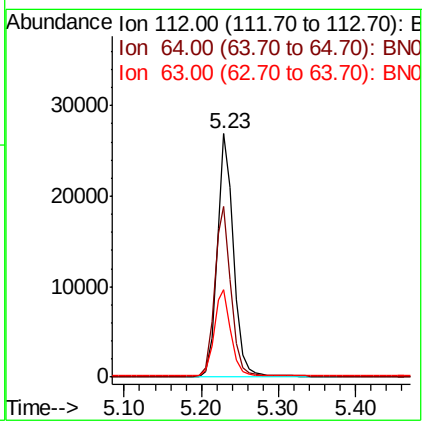


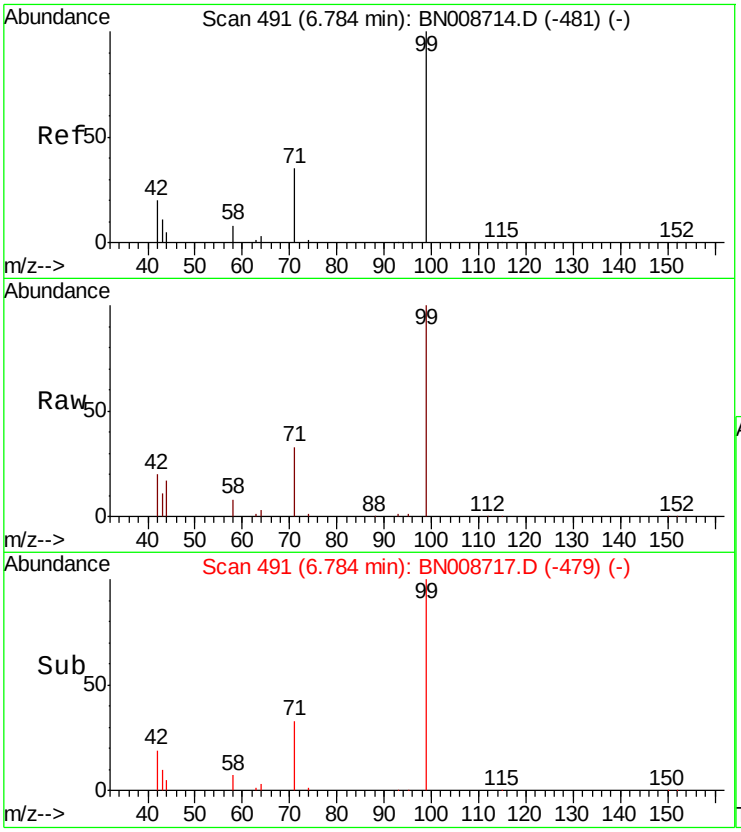


#4
2-Fluorophenol
Concen: 3.316 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:112 Resp: 39657

Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.1	85.7
63	36.4	29.7	44.5



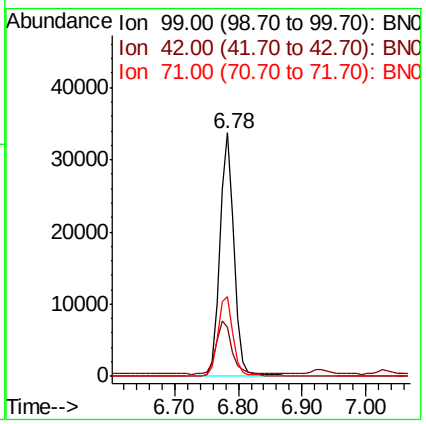


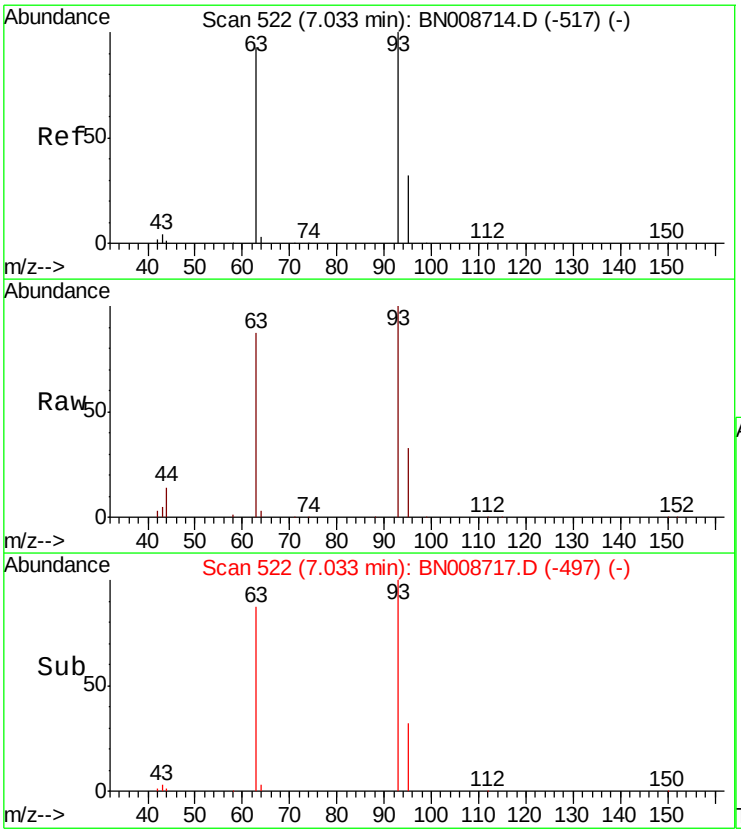
#5
Phenol-d6
Concen: 3.397 ng
RT: 6.78 min Scan# 491
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 51328

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.4	29.2
71	34.4	27.5	41.3

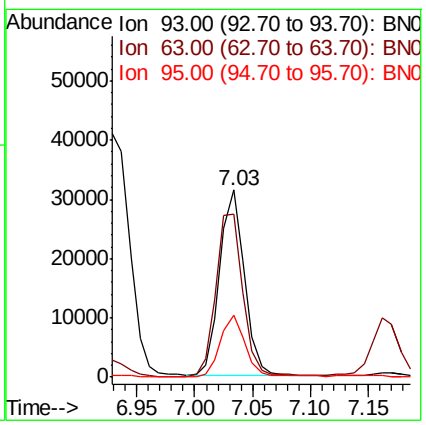


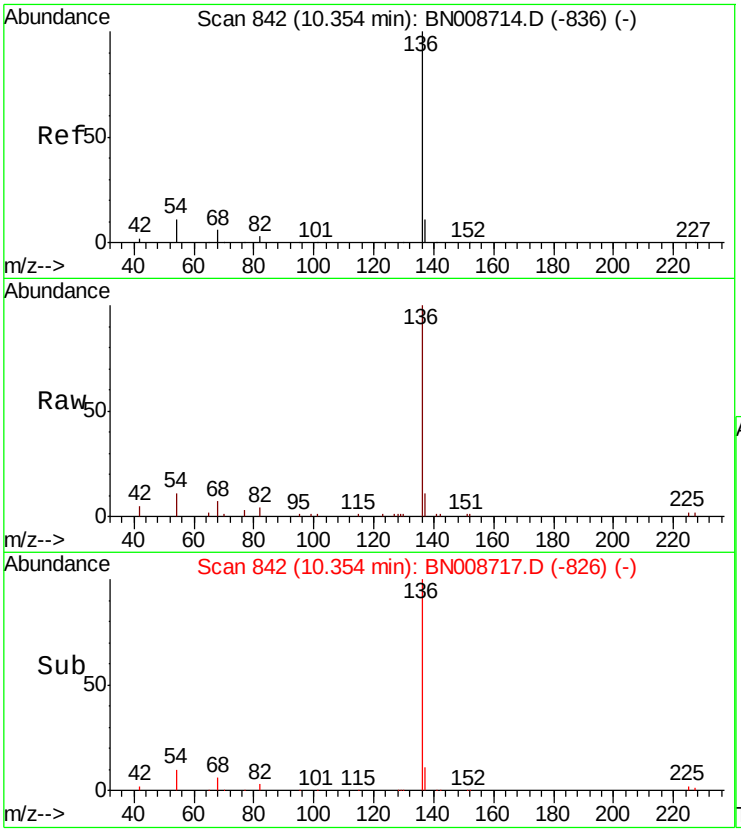


#6
bis(2-Chloroethyl)ether
Concen: 3.293 ng
RT: 7.03 min Scan# 522
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion: 93 Resp: 46648

Ion	Ratio	Lower	Upper
93	100		
63	94.6	74.2	111.4
95	32.5	26.2	39.2



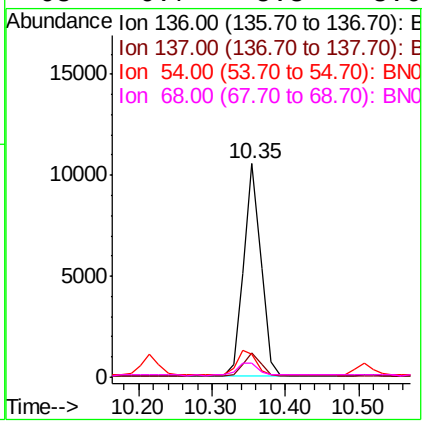


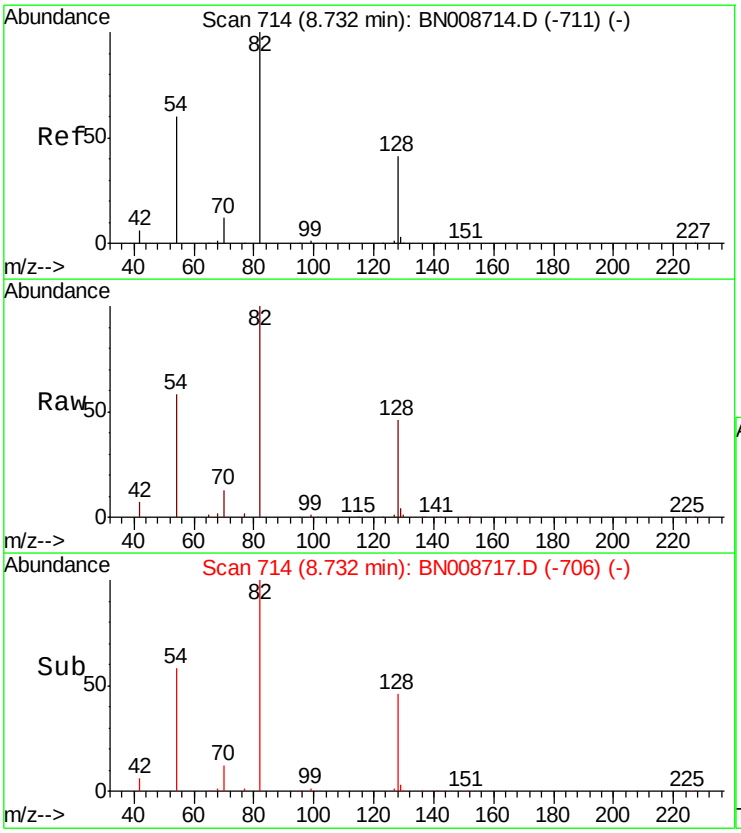
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 16985

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	10.6	9.4	14.2
68	6.7	5.8	8.6

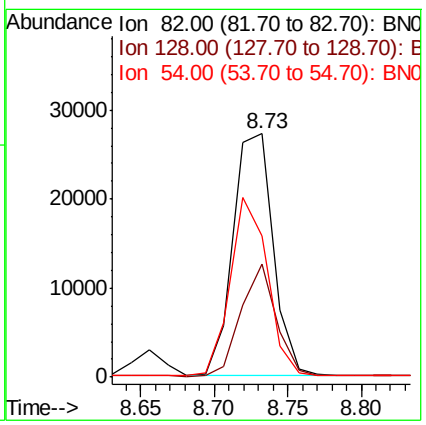


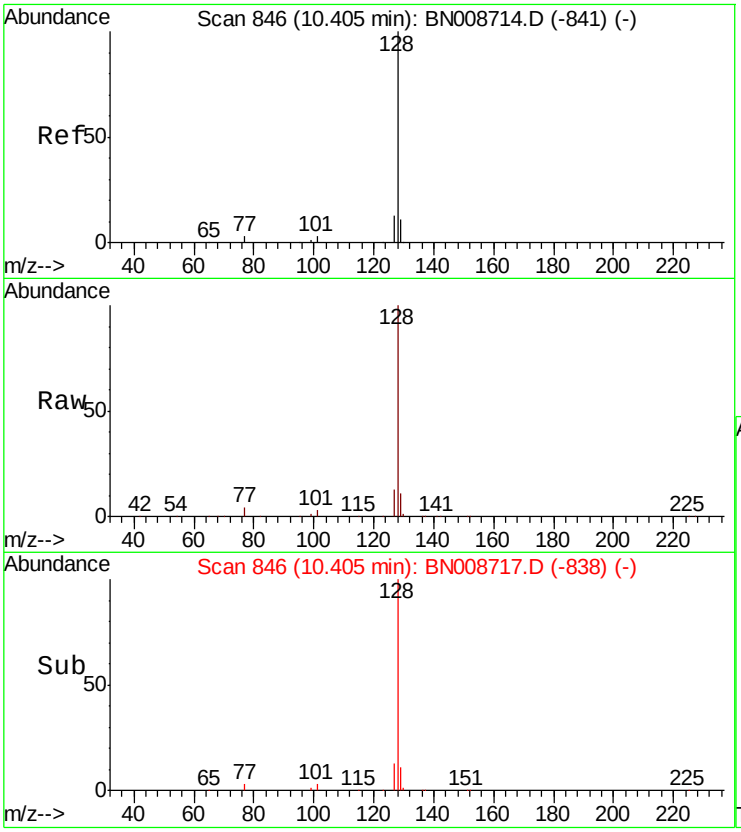


#8
Nitrobenzene-d5
Concen: 3.347 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion: 82 Resp: 51077

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	52.0
54	57.8	50.2	75.4



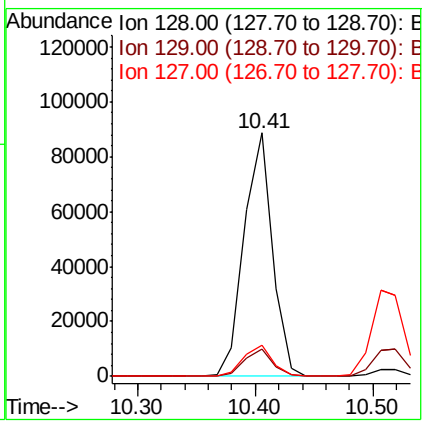


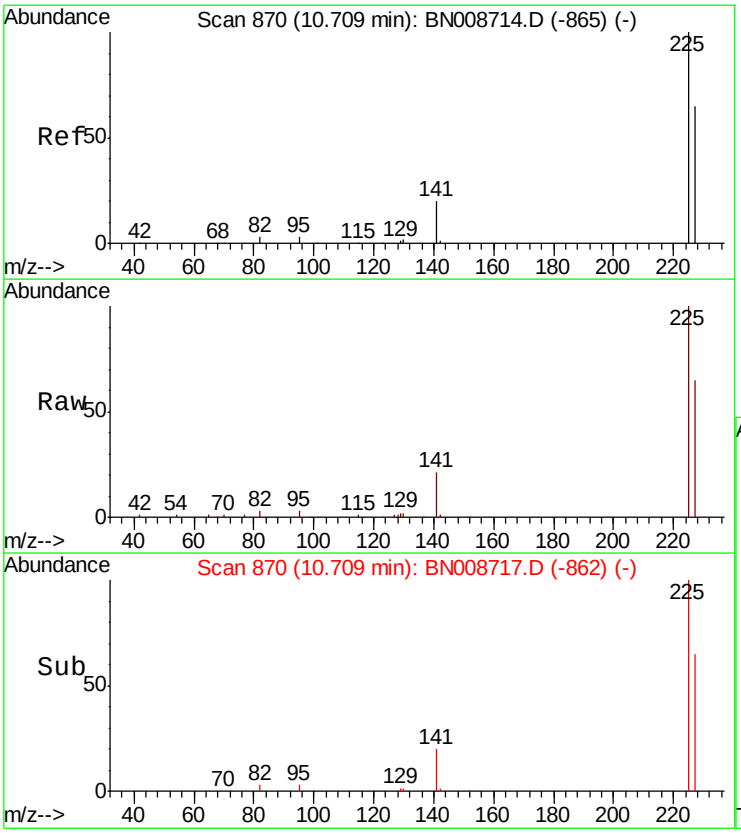
#9
Naphthalene
Concen: 3.273 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 148399

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	12.7	10.5	15.7

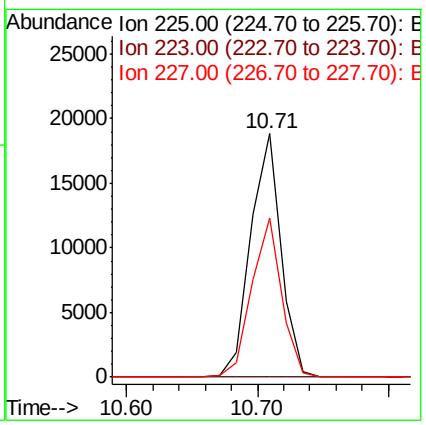


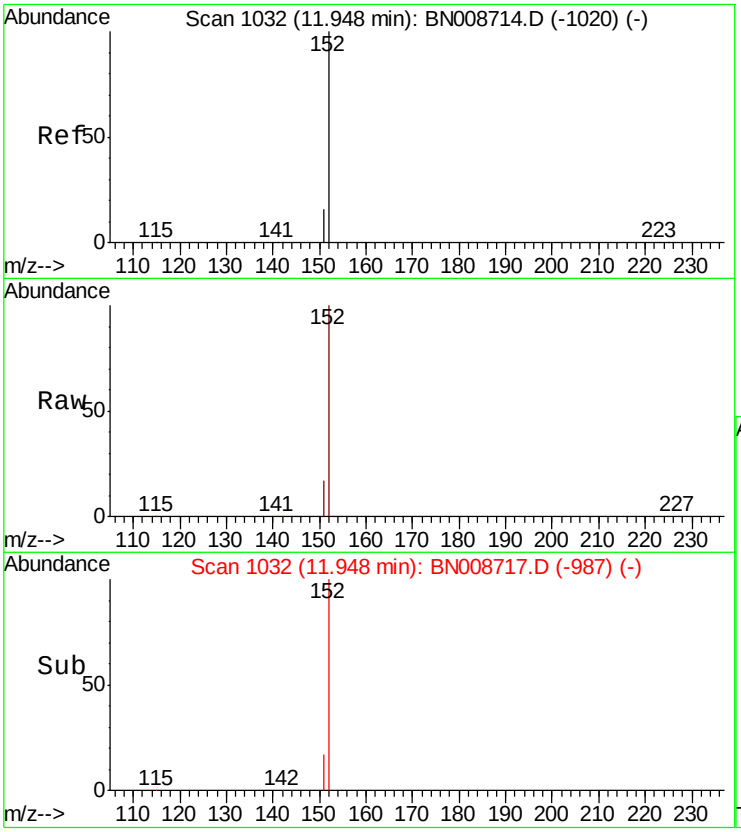


#10
Hexachlorobutadiene
Concen: 3.200 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:225 Resp: 30076

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.8	77.6



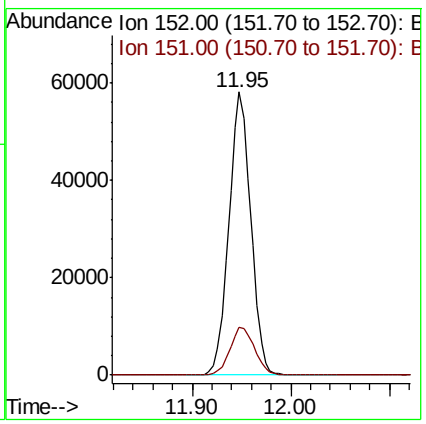


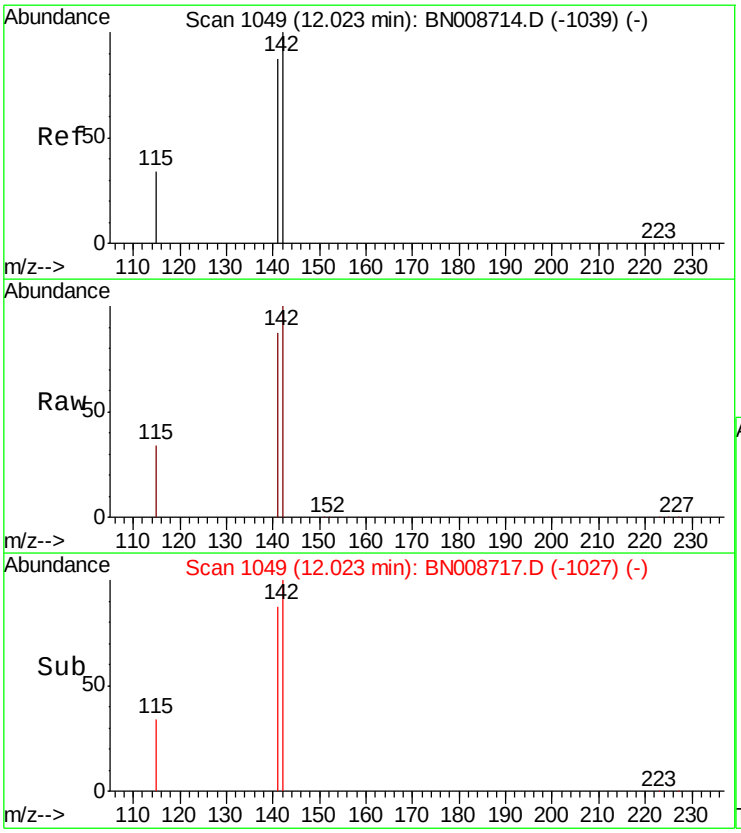
#11
2-Methylnaphthalene-d10
Concen: 3.325 ng
RT: 11.95 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 89163

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

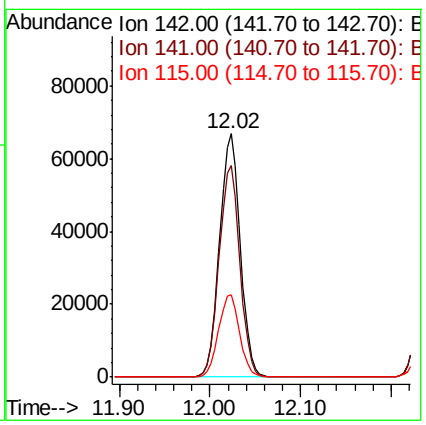


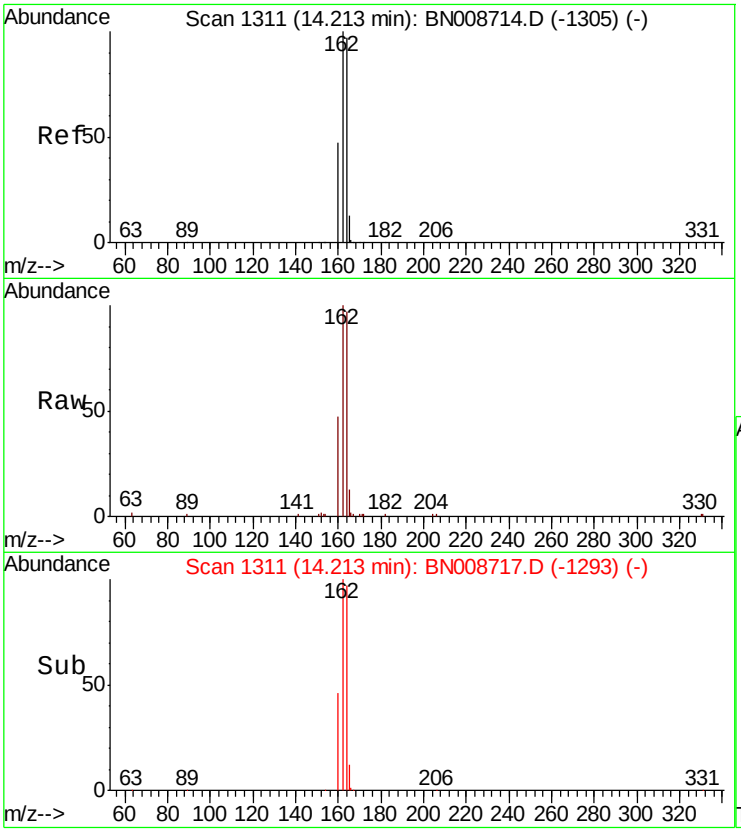


#12
2-Methylnaphthalene
Concen: 3.311 ng
RT: 12.02 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:142 Resp: 104525

Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.8	104.6
115	34.0	28.4	42.6



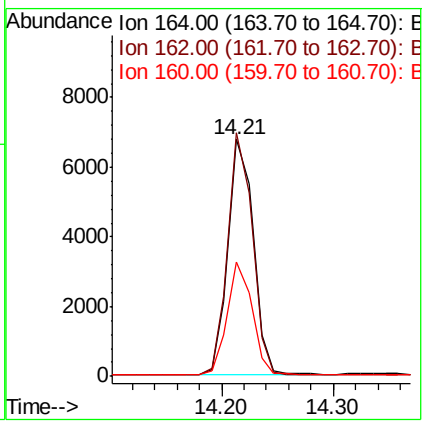


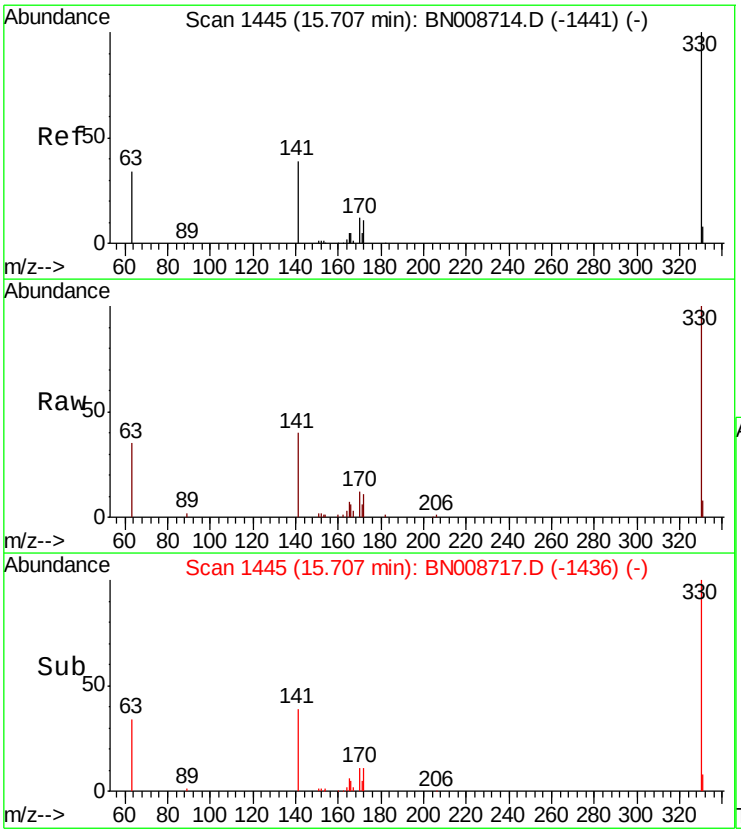
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10491

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	48.2	38.7	58.1

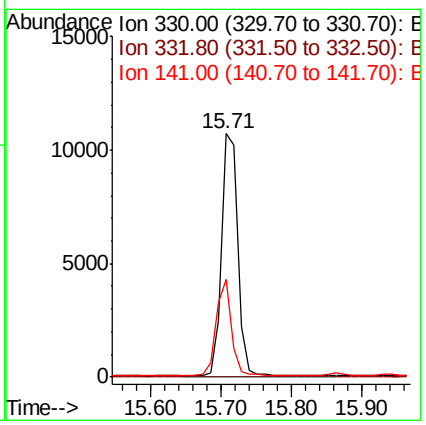


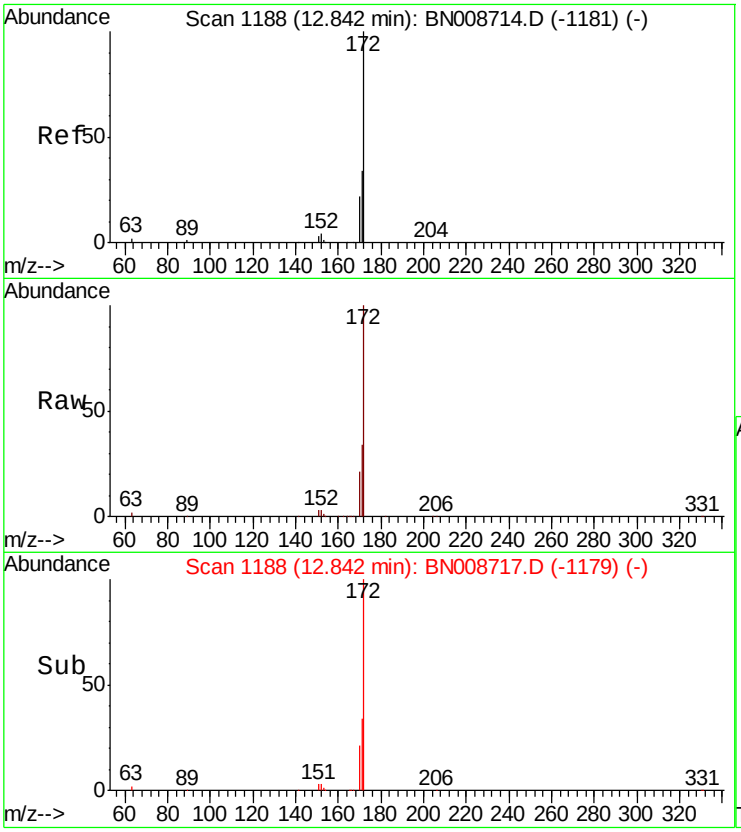


#14
2,4,6-Tribromophenol
Concen: 3.605 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:330 Resp: 17588

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.8	29.5	44.3



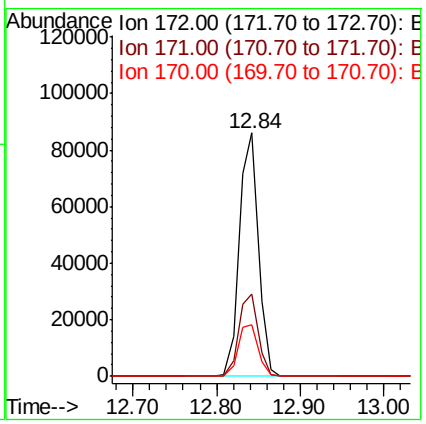


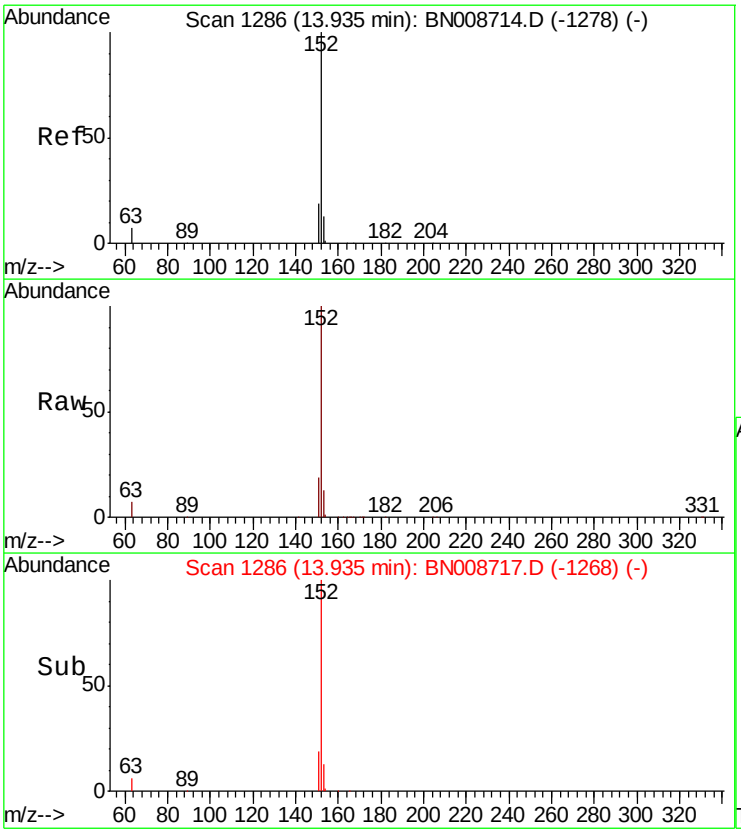
#15
2-Fluorobiphenyl
Concen: 3.285 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 134692

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.3	40.9
170	21.5	17.8	26.6

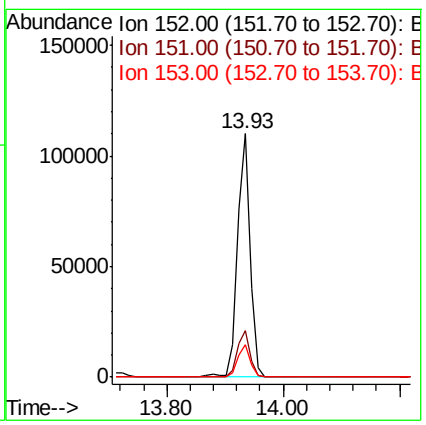


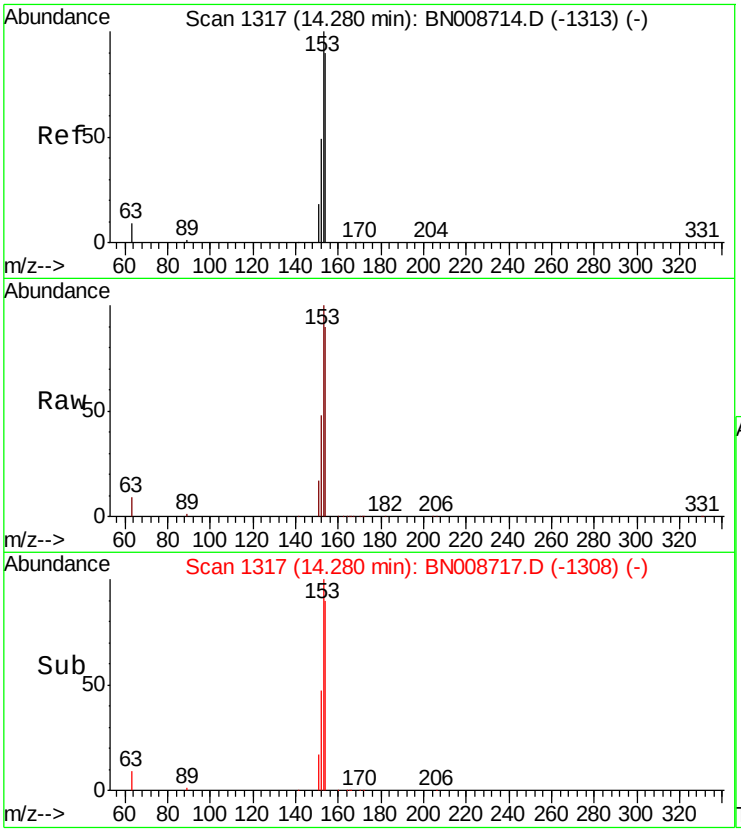


#16
Acenaphthylene
Concen: 3.450 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:152 Resp: 166551

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.0	10.3	15.5



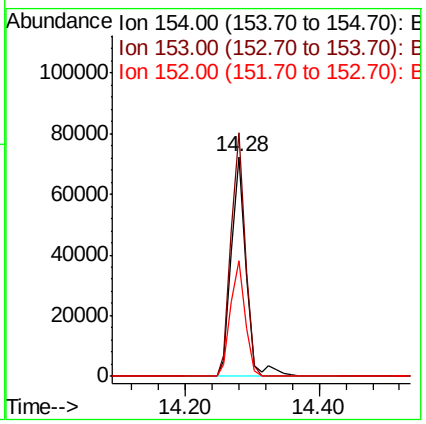


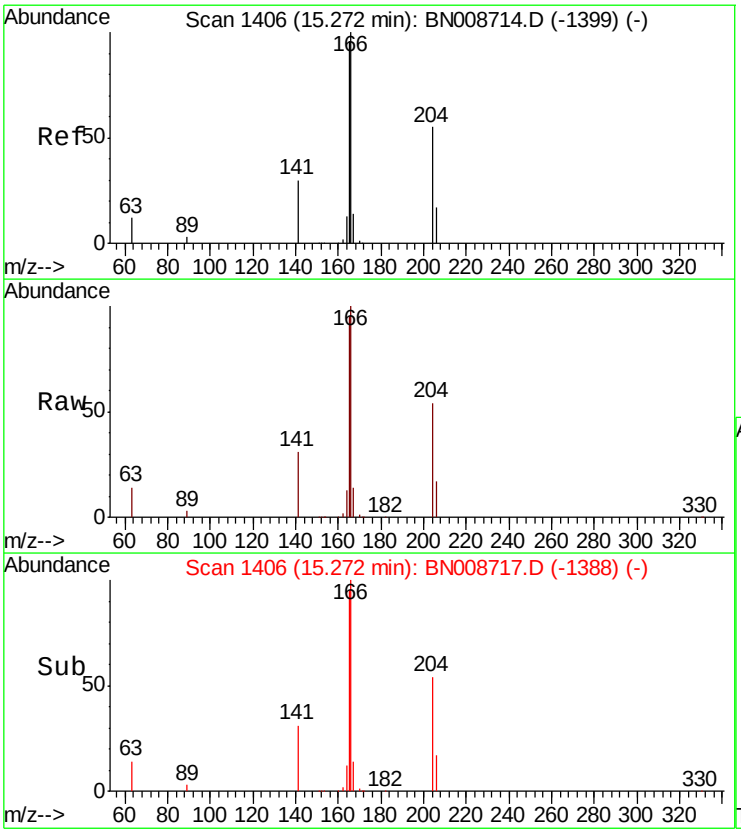
#17
Acenaphthene
Concen: 3.428 ng
RT: 14.28 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 108966

Ion	Ratio	Lower	Upper
154	100		
153	106.5	89.6	134.4
152	51.8	44.7	67.1

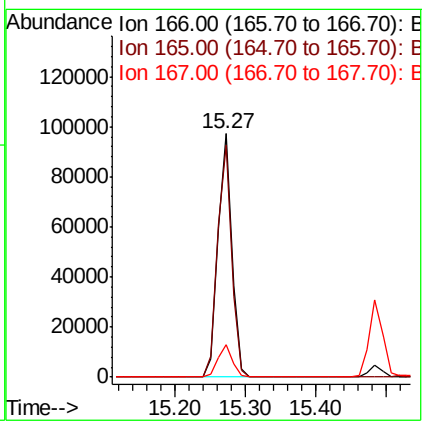


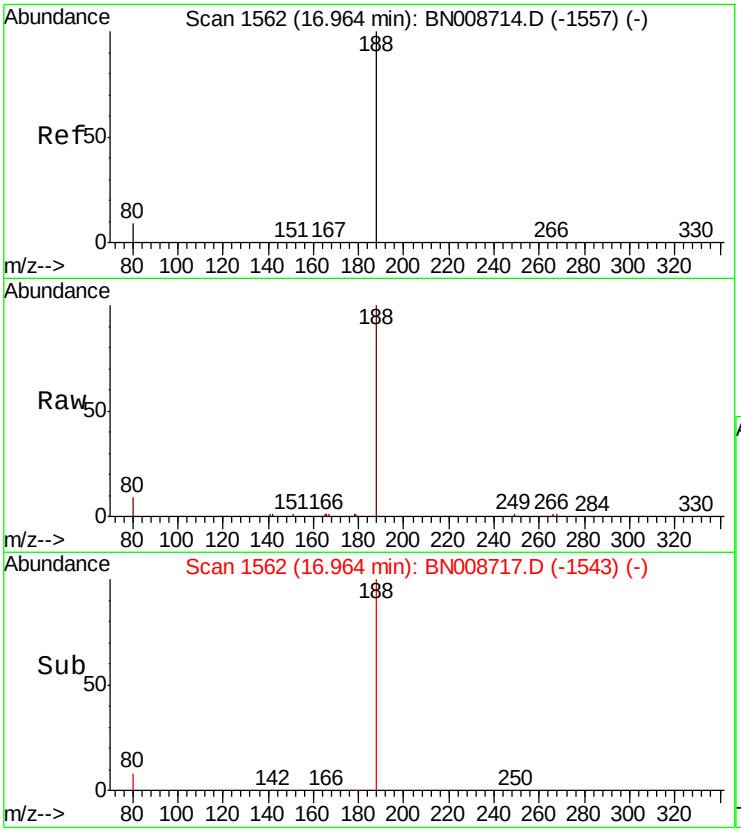


#18
Fluorene
Concen: 3.357 ng
RT: 15.27 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:166 Resp: 136640

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.7	116.5
167	13.4	10.8	16.2



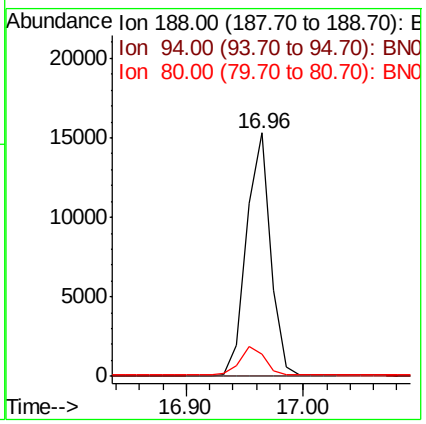


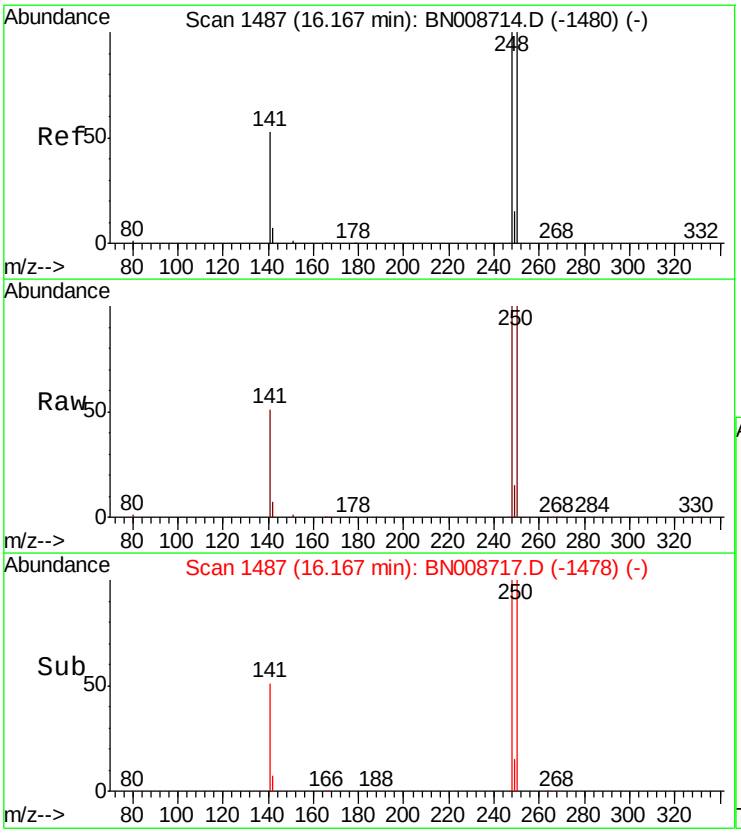
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 21786

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.4	11.0

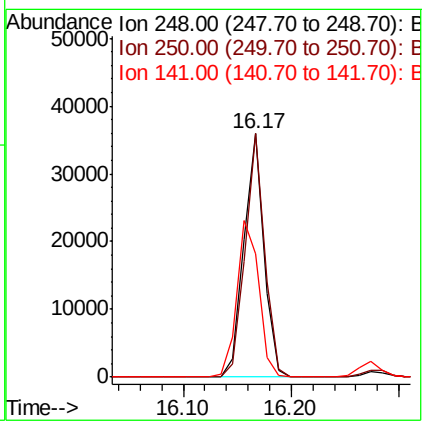


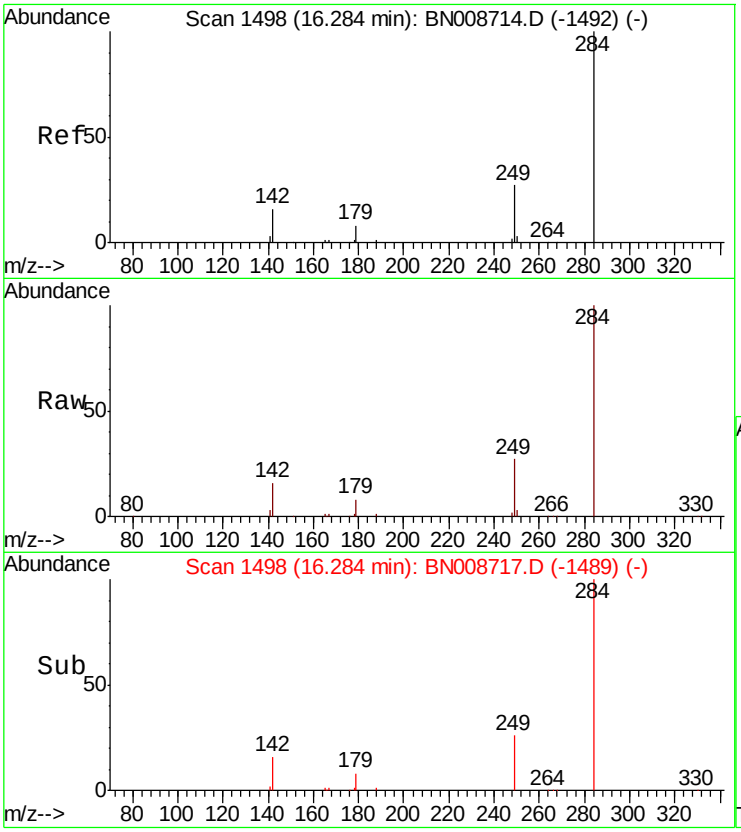


#20
4-Bromophenyl-phenylether
Concen: 3.380 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:248 Resp: 45974

Ion	Ratio	Lower	Upper
248	100		
250	100.2	80.5	120.7
141	51.0	43.8	65.6



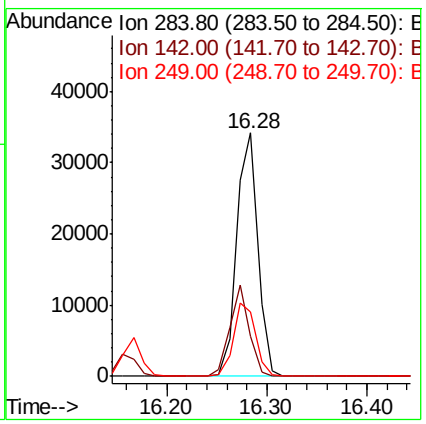


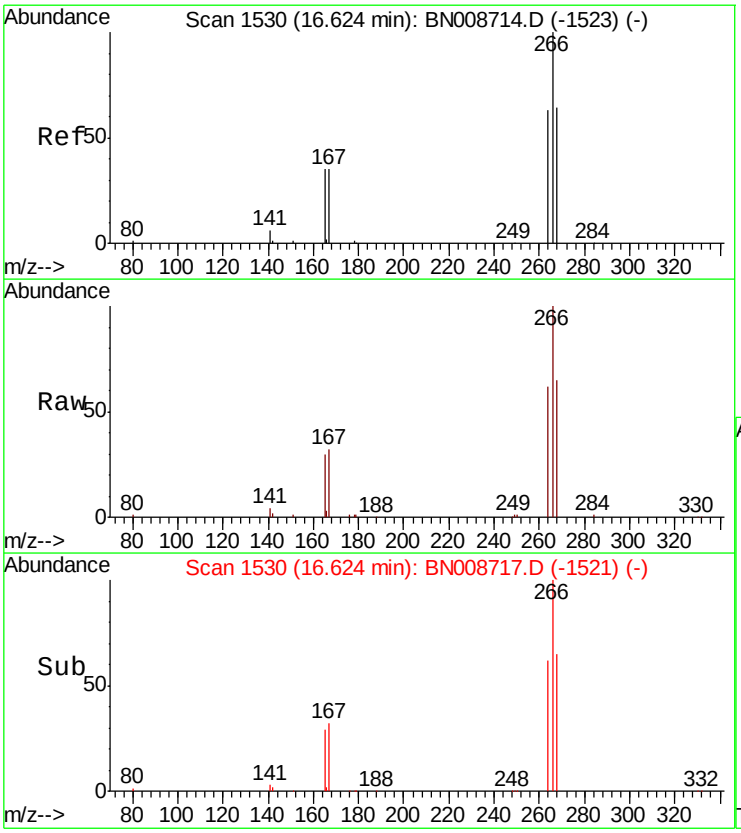
#21
Hexachlorobenzene
Concen: 3.324 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 49744

Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.4	41.0
249	31.0	25.4	38.0

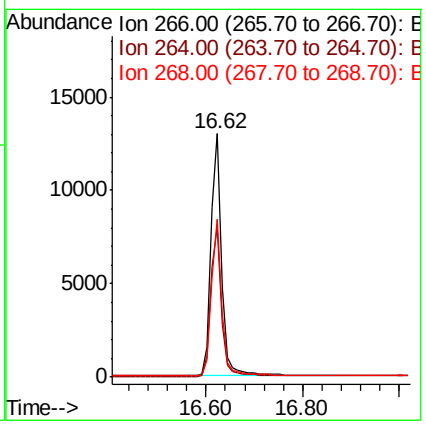


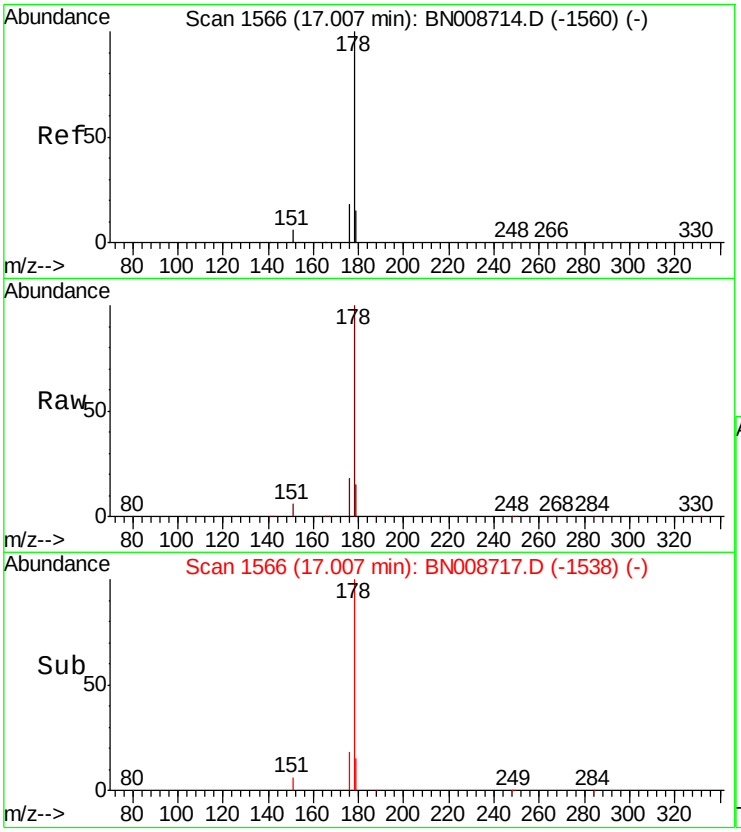


#22
Pentachlorophenol
Concen: 3.754 ng
RT: 16.62 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:266 Resp: 20135

Ion	Ratio	Lower	Upper
266	100		
264	61.8	51.0	76.4
268	65.0	54.1	81.1



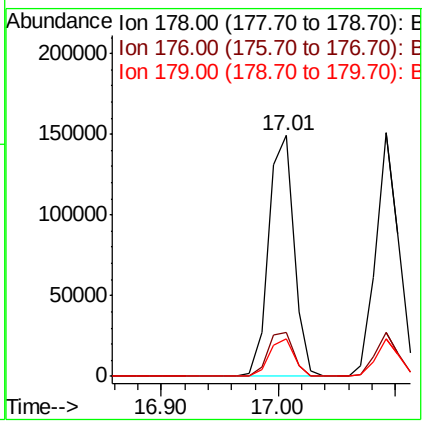


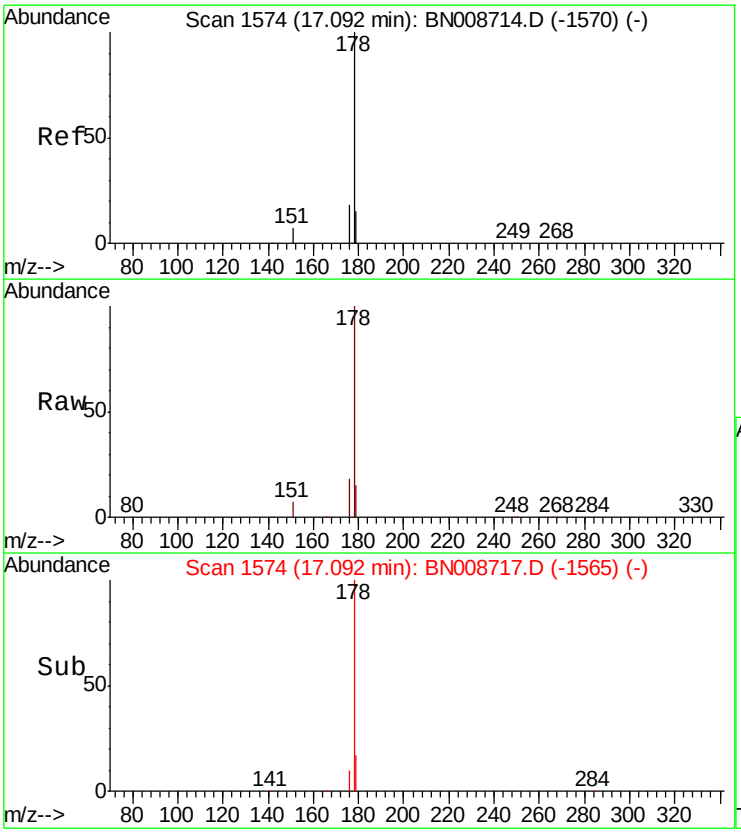
#23
Phenanthrene
Concen: 3.346 ng
RT: 17.01 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 224776

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

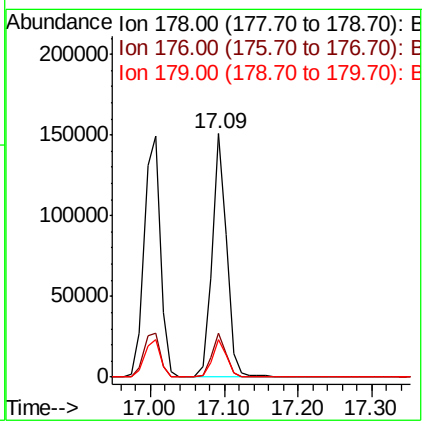


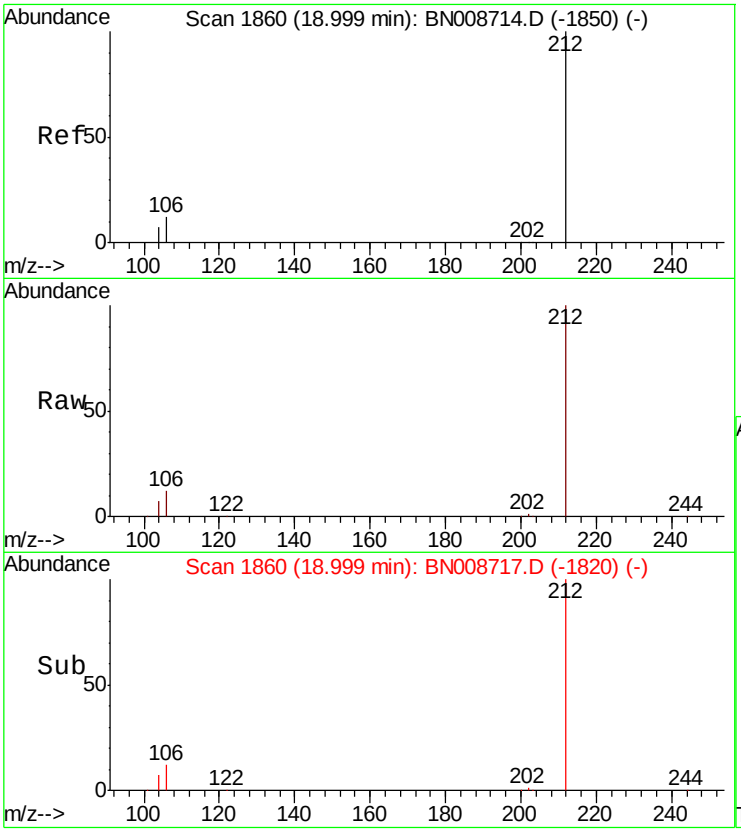


#24
Anthracene
Concen: 3.459 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:178 Resp: 207694

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.2	12.0	18.0



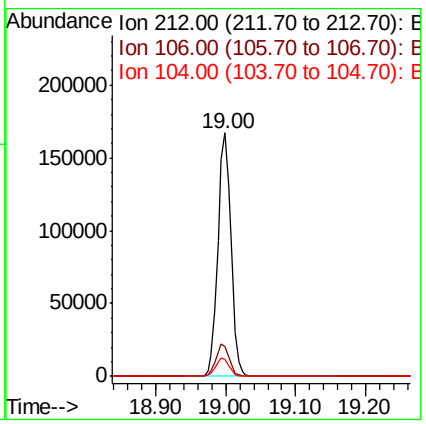


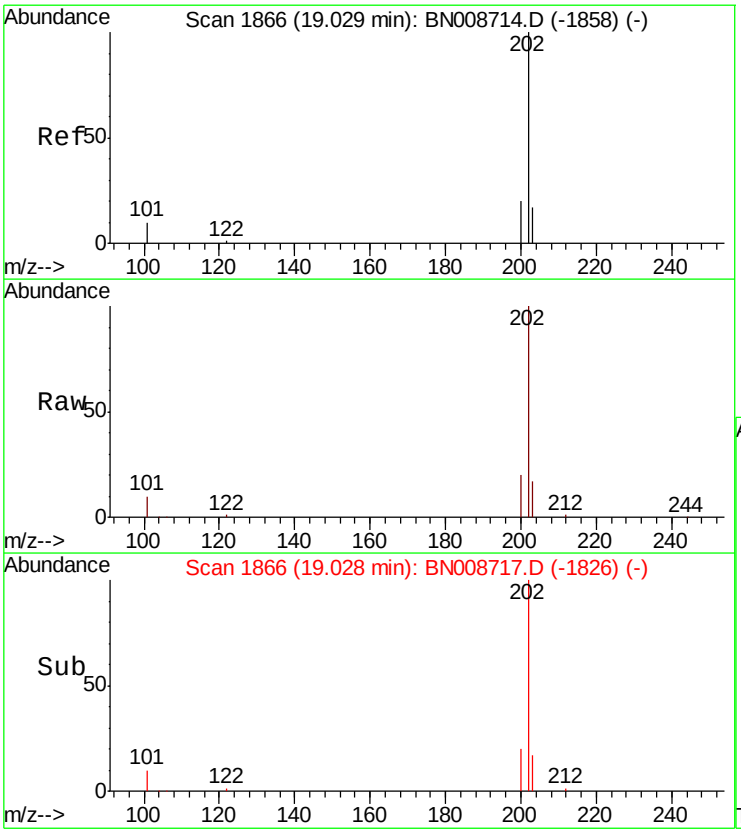
#25
Fluoranthene-d10
Concen: 3.369 ng
RT: 19.00 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 215690

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	15.8
104	7.5	6.0	9.0

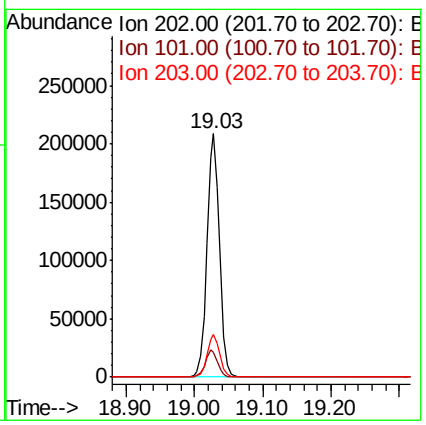


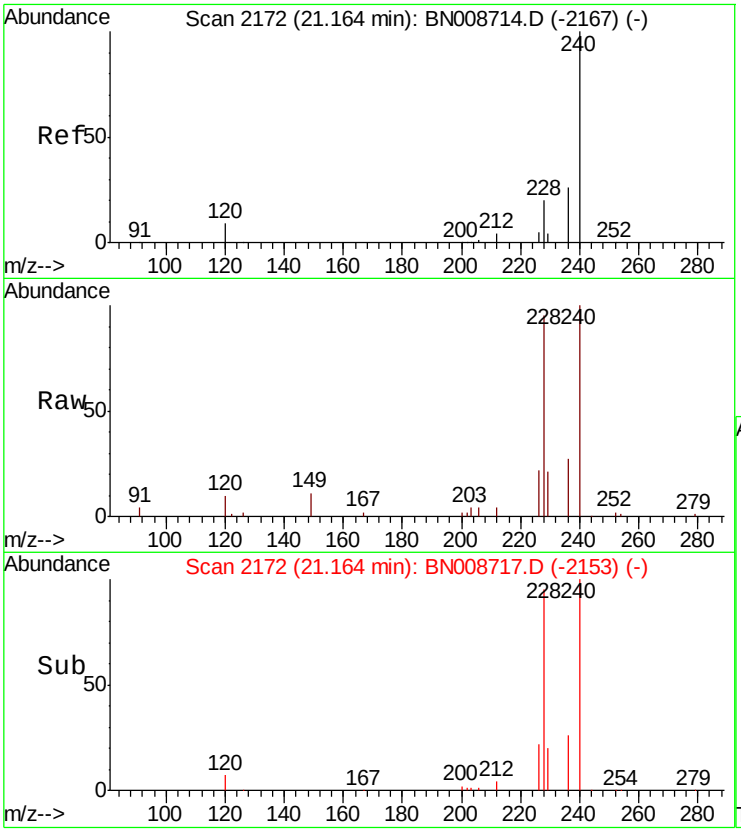


#26
Fluoranthene
Concen: 3.351 ng
RT: 19.03 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:202 Resp: 264346

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.2	13.8	20.6



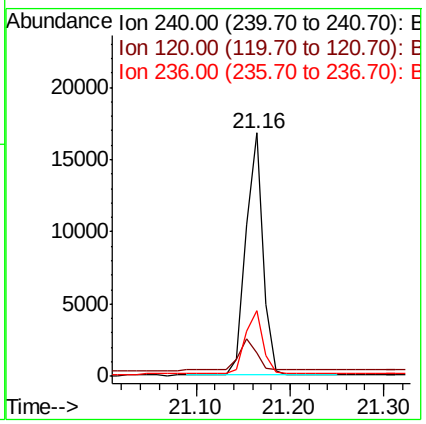


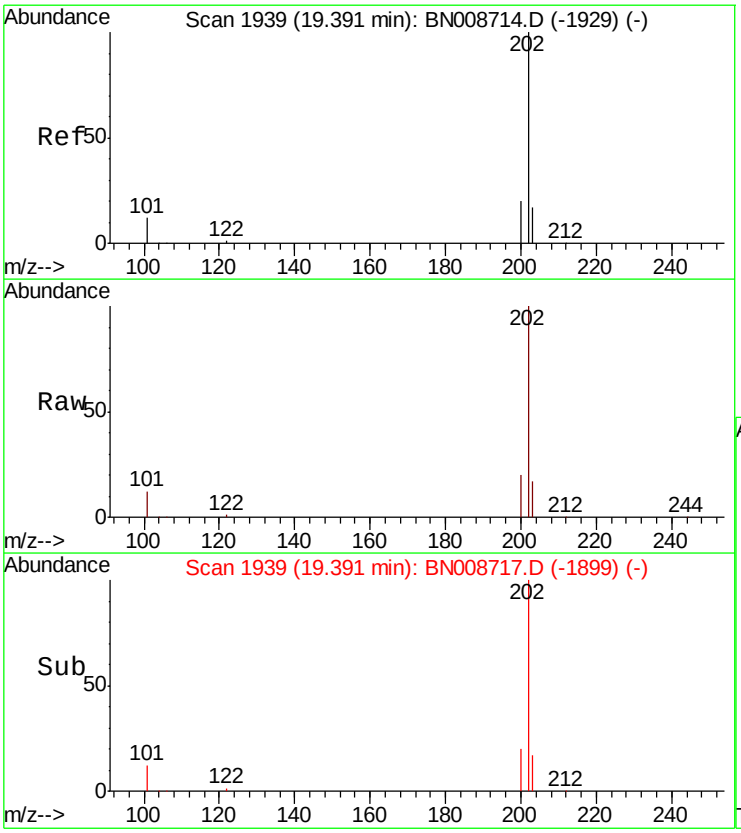
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21553

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.4
236	26.9	21.8	32.6

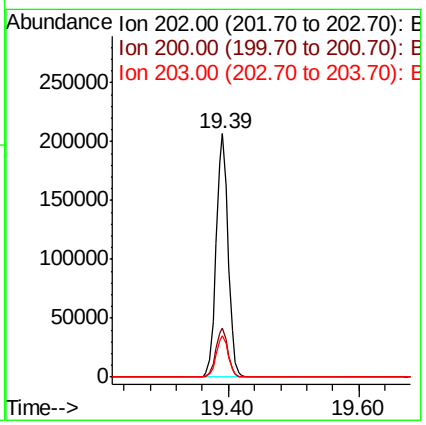


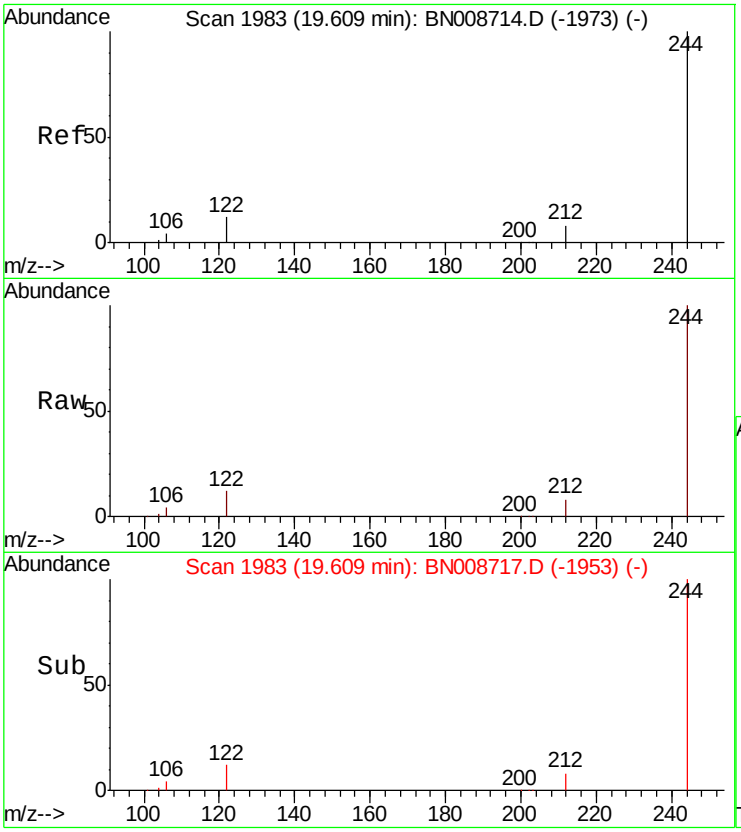


#28
Pyrene
Concen: 3.303 ng
RT: 19.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:202 Resp: 262810

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.4
203	17.4	14.0	21.0



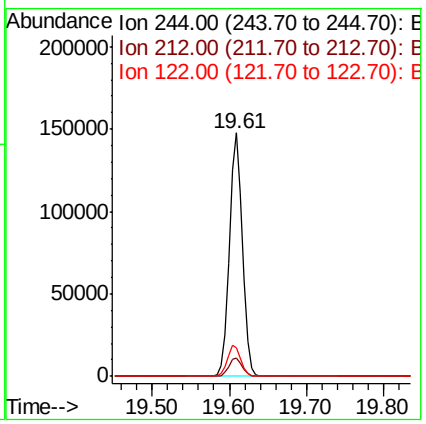


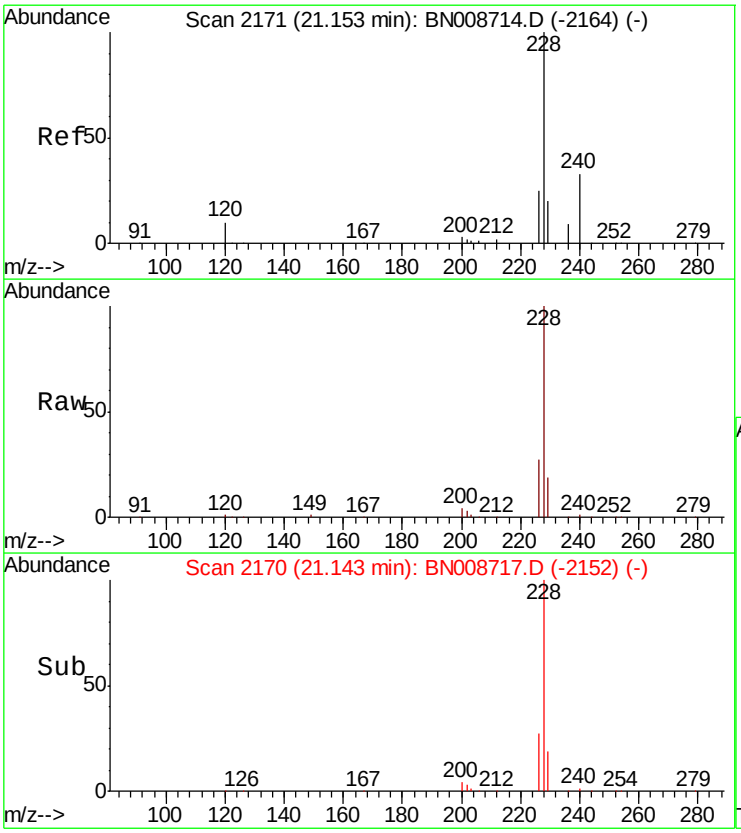
#29
Terphenyl-d14
Concen: 3.292 ng
RT: 19.61 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 170698

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	11.6	10.1	15.1

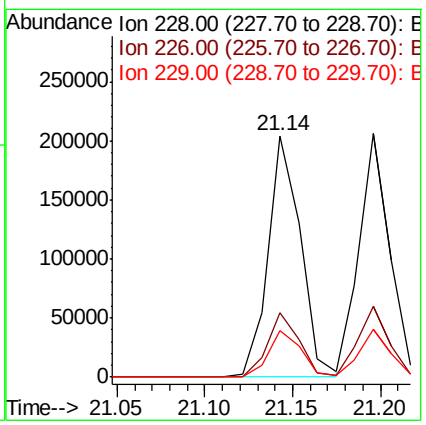


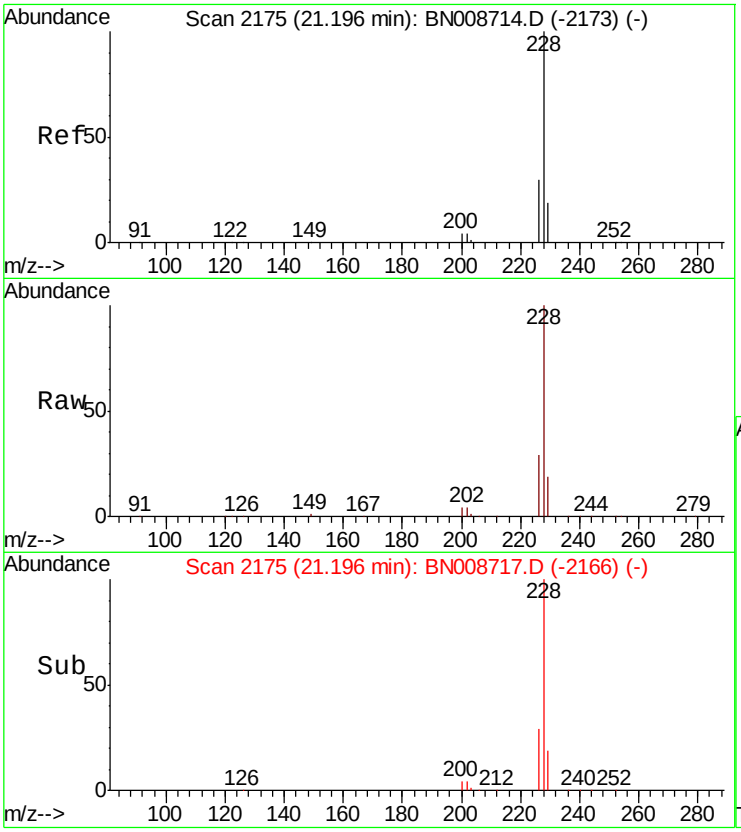


#30
Benzo(a)anthracene
Concen: 3.330 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:228 Resp: 262691

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.3	30.5
229	19.2	16.2	24.4



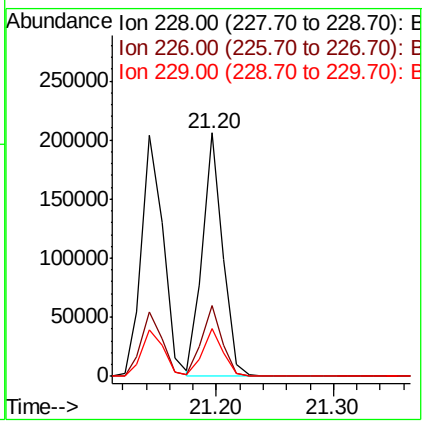


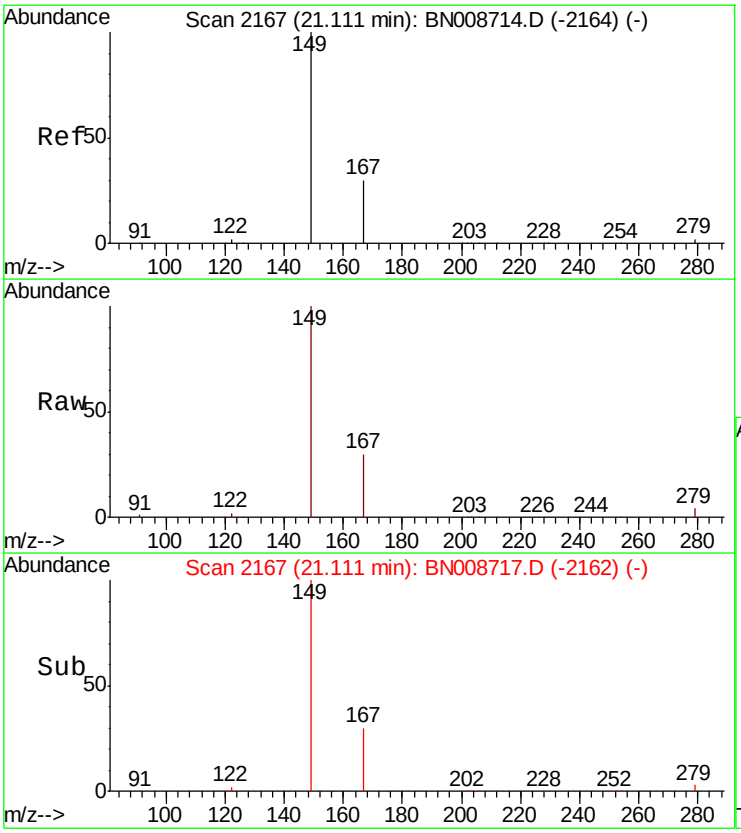
#31
Chrysene
Concen: 3.274 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 250071

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	19.4	15.4	23.0

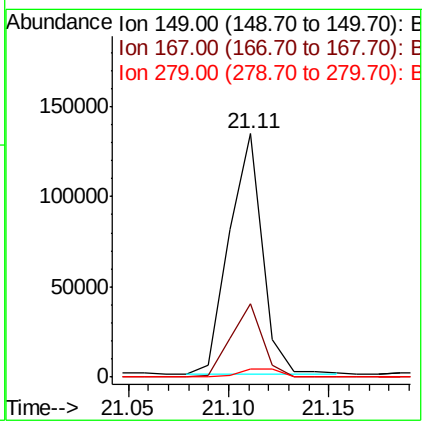


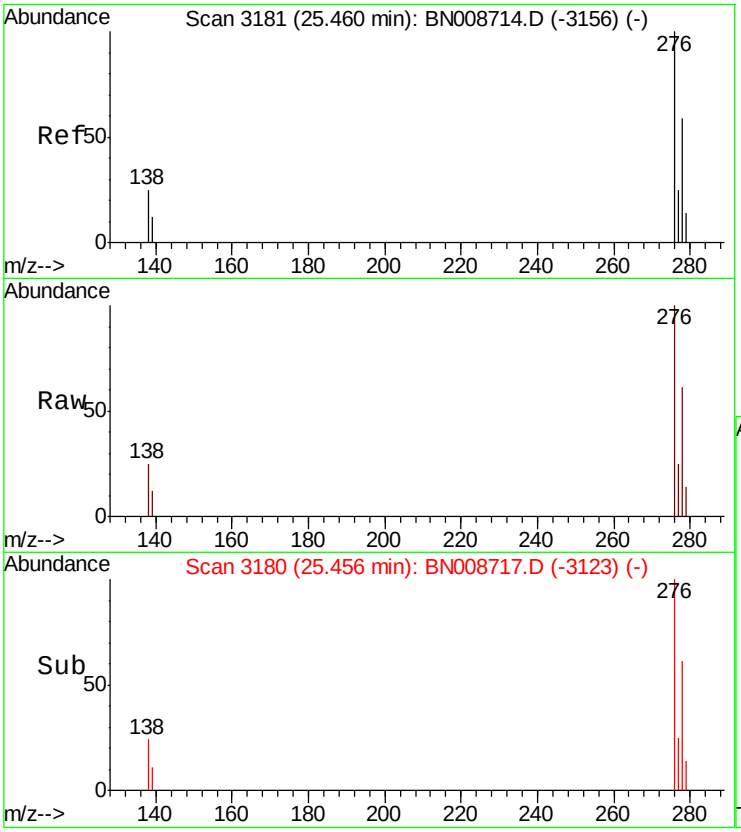


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.973 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:149 Resp: 152274

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.5	35.3
279	4.0	3.4	5.0



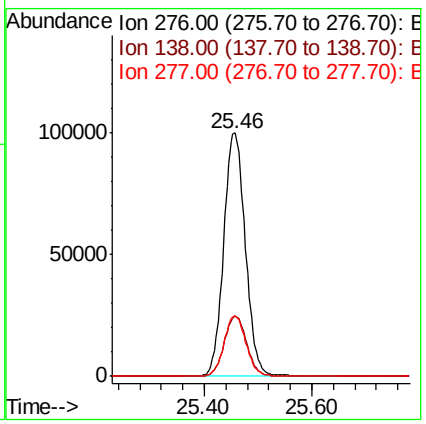


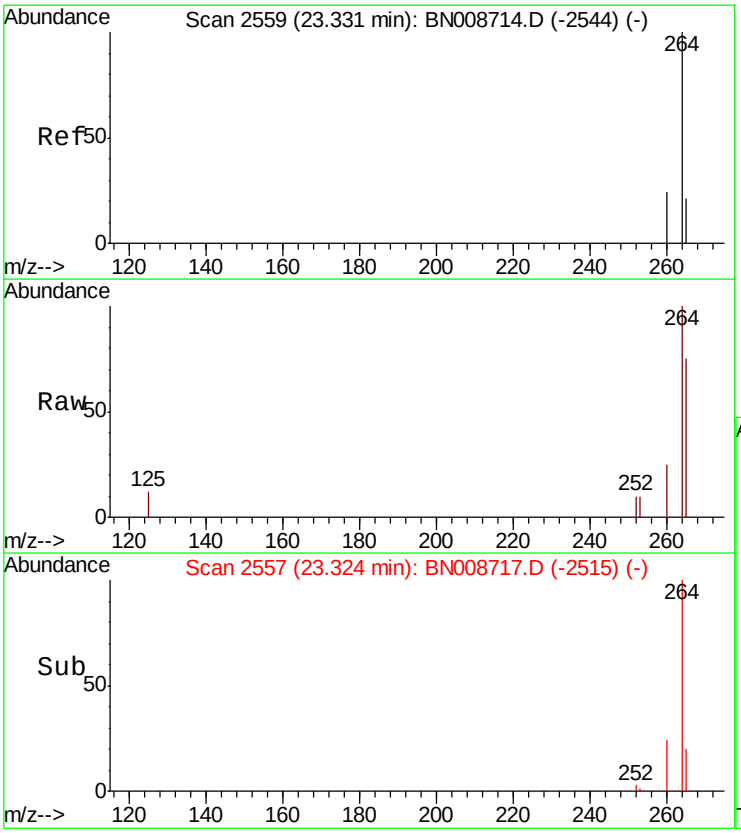
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.271 ng
RT: 25.46 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 278418

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.0	31.6
277	24.8	19.9	29.9

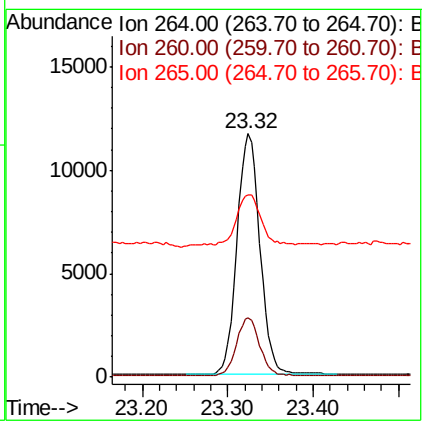


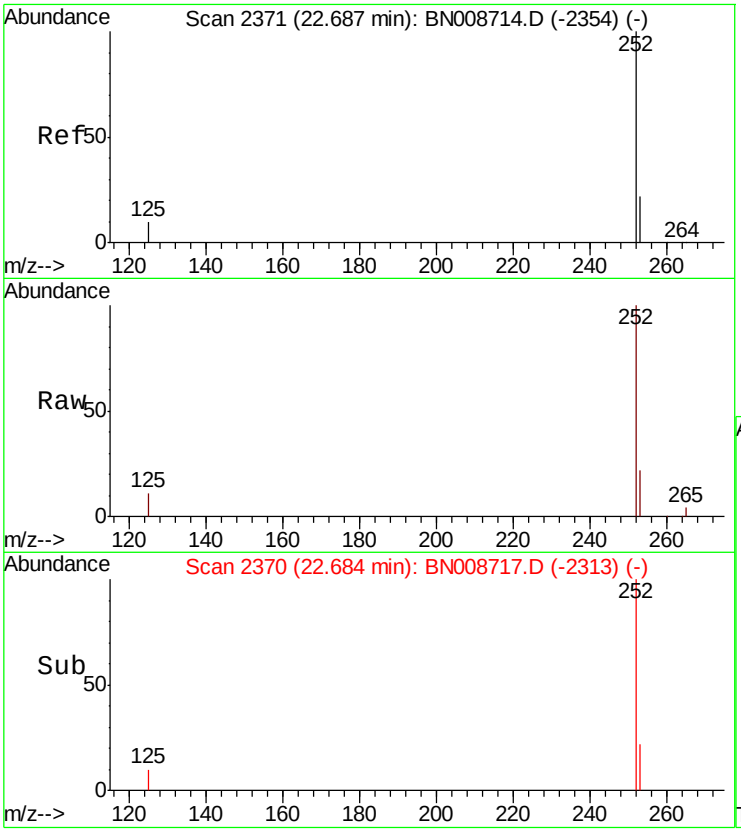


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:264 Resp: 21677

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	74.7	61.8	92.6



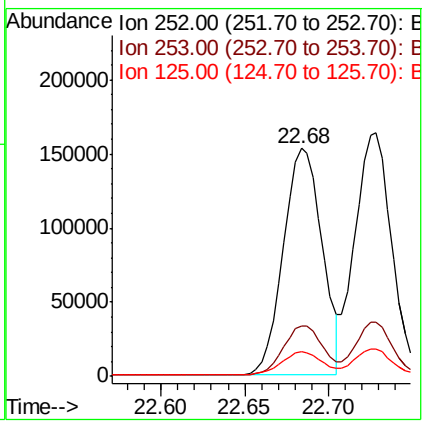


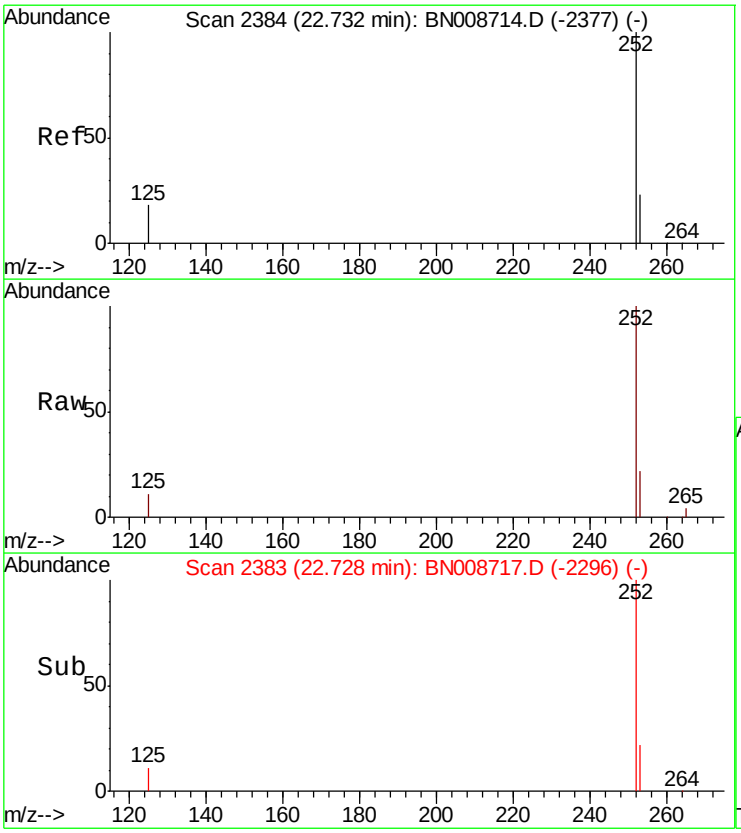
#35
Benzo(b)fluoranthene
Concen: 3.285 ng
RT: 22.68 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 246273

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.8	31.2
125	10.7	13.5	20.3#

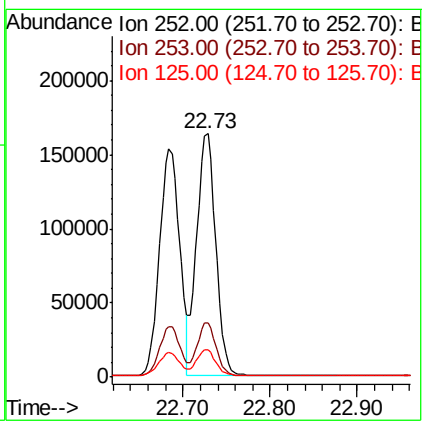


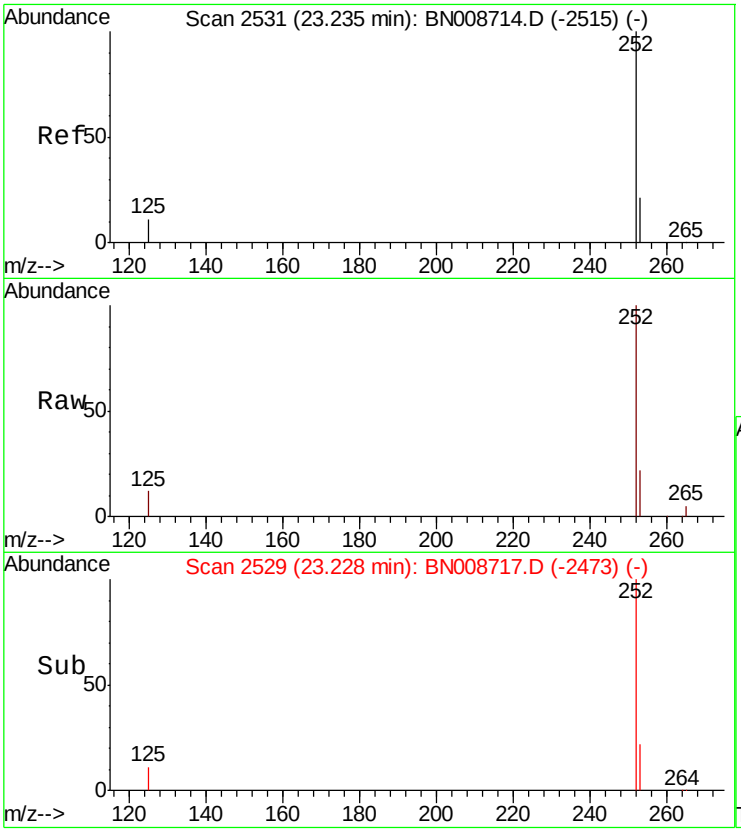


#36
Benzo(k)fluoranthene
Concen: 3.291 ng
RT: 22.73 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:252 Resp: 249901

Ion	Ratio	Lower	Upper
252	100		
253	22.5	21.8	32.6
125	11.4	18.2	27.4#



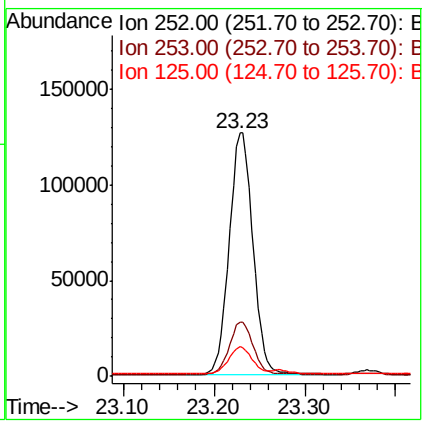


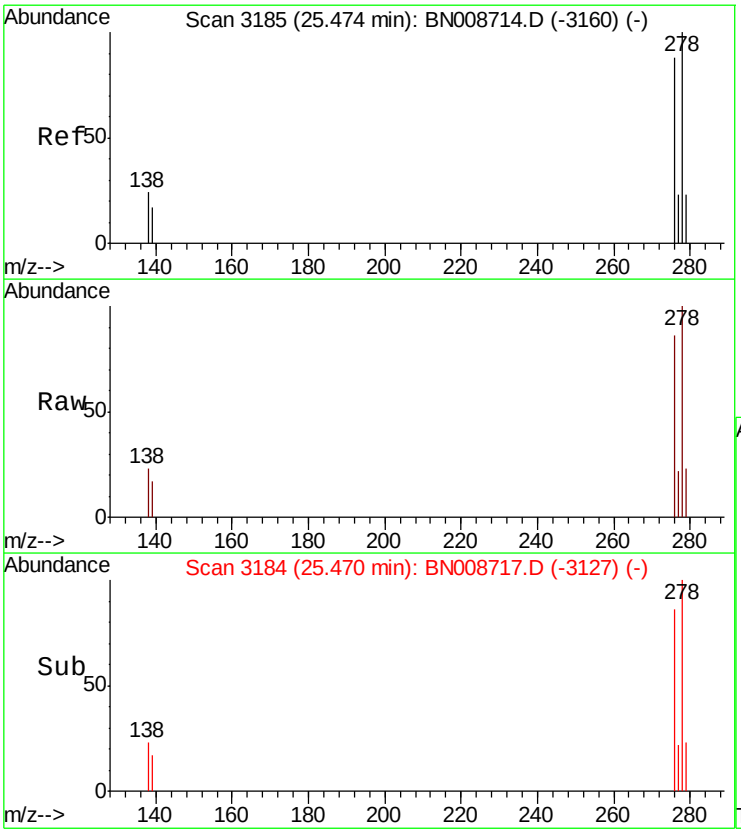
#37
Benzo(a)pyrene
Concen: 3.302 ng
RT: 23.23 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 229166

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.9	32.9
125	12.0	16.3	24.5#

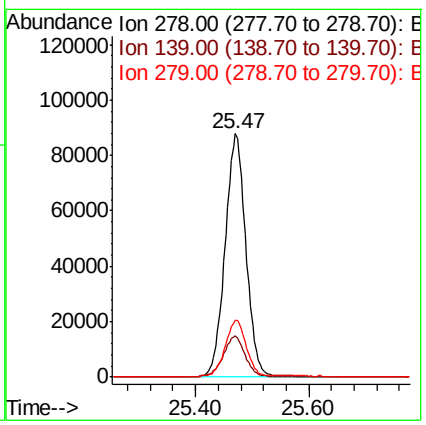


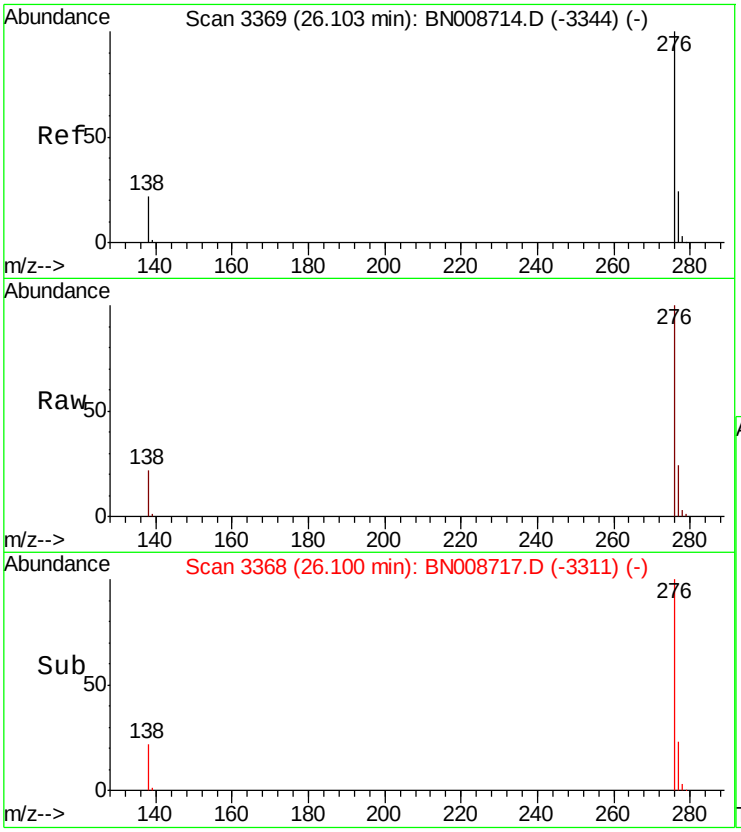


#38
Dibenzo(a,h)anthracene
Concen: 3.279 ng
RT: 25.47 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:278 Resp: 224579

Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.4	23.2
279	23.4	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 3.297 ng
RT: 26.10 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 225204

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.4	30.6
138	22.1	19.2	28.8