Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
Data File : BN008714.D
Acq On : 22 Nov 2019 20:24
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 25 10:31:45 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	4204	0.40	ng		0.00
7) Naphthalene-d8	10.35	136	15323	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	9472	0.40	ng		0.00
19) Phenanthrene-d10	16.96	188	20378	0.40	ng		0.00
27) Chrysene-d12	21.16	240	19697	0.40	ng		0.00
34) Perylene-d12	23.33	264	19998	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	4422	0.40	ng		0.00
5) Phenol-d6	6.78	99	5598	0.40	ng		0.00
8) Nitrobenzene-d5	8.73	82	5485	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.95	152	9711	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1685	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	14987	0.40	ng		0.00
25) Fluoranthene-d10	19.00	212	23743	0.40	ng		0.00
29) Terphenyl-d14	19.61	244	19167	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1769	0.398	ng		100
3) n-Nitrosodimethylamine	3.53	42	2057	0.730	ng	#	94
6) bis(2-Chloroethyl)ether	7.03	93	5326	0.408	ng		100
9) Naphthalene	10.41	128	16744	0.409	ng		100
10) Hexachlorobutadiene	10.71	225	3475	0.410	ng	#	100
12) 2-Methylnaphthalene	12.02	142	11491	0.404	ng		100
16) Acenaphthylene	13.93	152	17111	0.393	ng		100
17) Acenaphthene	14.28	154	11177	0.389	ng		100
18) Fluorene	15.27	166	14607	0.397	ng		100
20) 4-Bromophenyl-phenylether	16.17	248	5004	0.393	ng		100
21) Hexachlorobenzene	16.28	284	5573	0.398	ng		100
22) Pentachlorophenol	16.62	266	1702	0.339	ng		100
23) Phenanthrene	17.01	178	24784	0.394	ng		100
24) Anthracene	17.09	178	21856	0.389	ng		100
26) Fluoranthene	19.03	202	29029	0.393	ng		100
28) Pyrene	19.39	202	29315	0.403	ng		100
30) Benzo(a)anthracene	21.15	228	28632	0.397	ng		100
31) Chrysene	21.20	228	28210	0.404	ng		100
32) Bis(2-ethylhexyl)phthalate	21.11	149	17233	0.368	ng		100
33) Indeno(1,2,3-cd)pyrene	25.46	276	31394	0.404	ng		100
35) Benzo(b)fluoranthene	22.69	252	27659	0.400	ng		100
36) Benzo(k)fluoranthene	22.73	252	28409	0.406	ng		100
37) Benzo(a)pyrene	23.23	252	25554	0.399	ng		100
38) Dibenzo(a,h)anthracene	25.47	278	25416	0.402	ng		100
39) Benzo(g,h,i)perylene	26.10	276	25304	0.402	ng		100

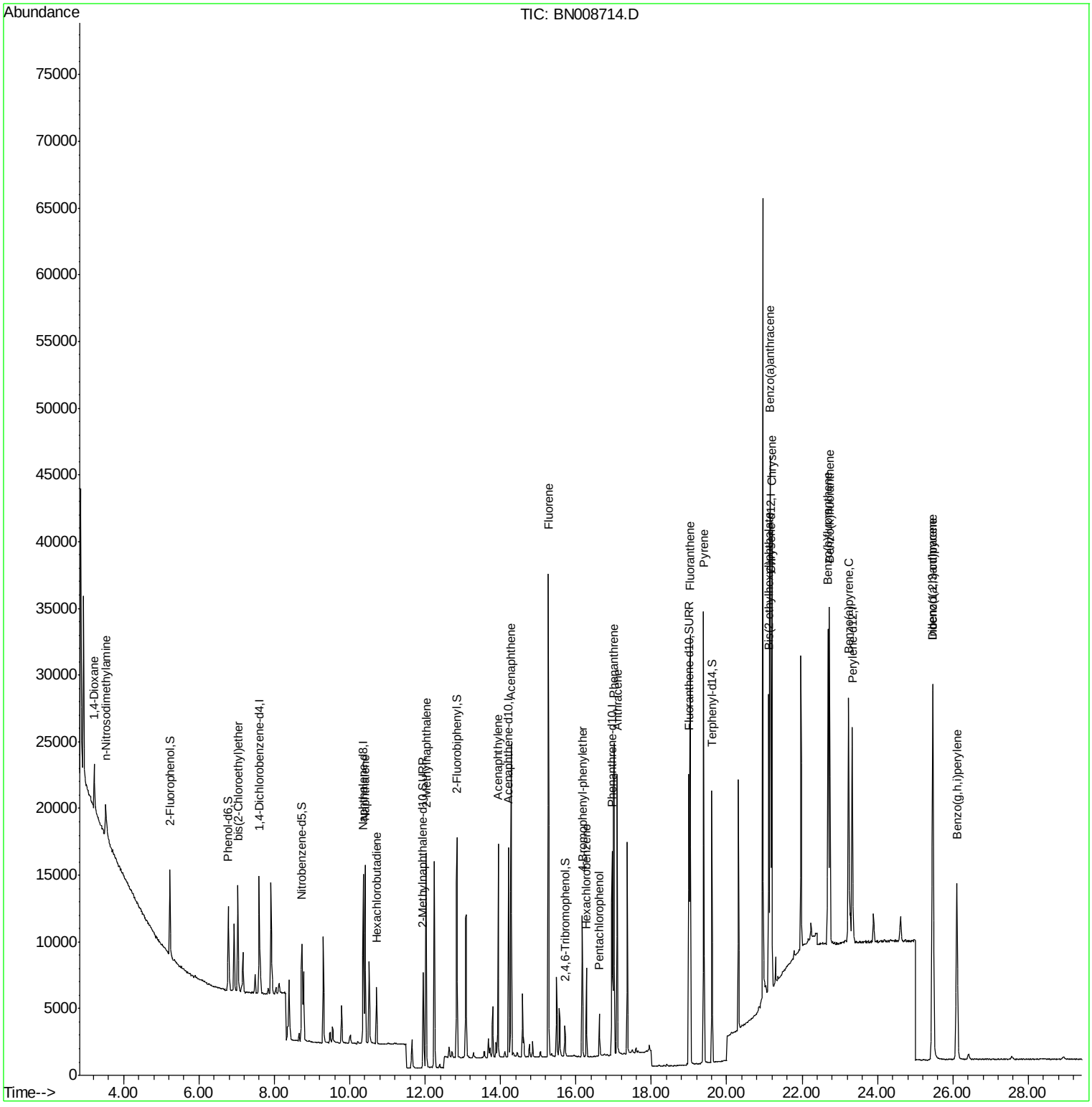
(#) = qualifier out of range (m) = manual integration (+) = signals summed

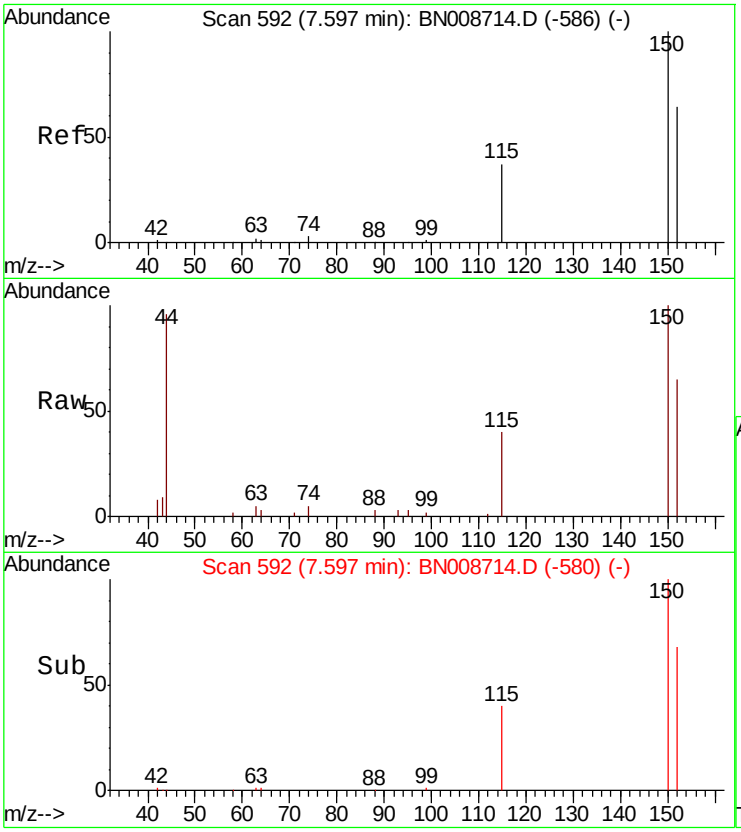
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
Data File : BN008714.D
Acq On : 22 Nov 2019 20:24
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 10:31:45 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



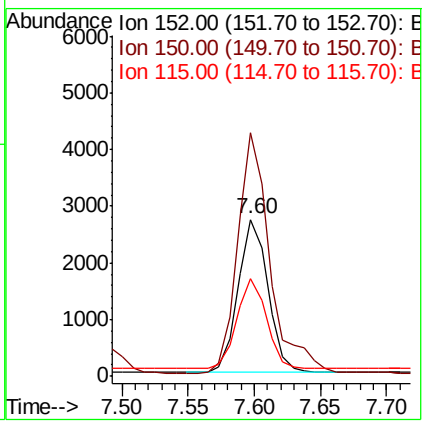


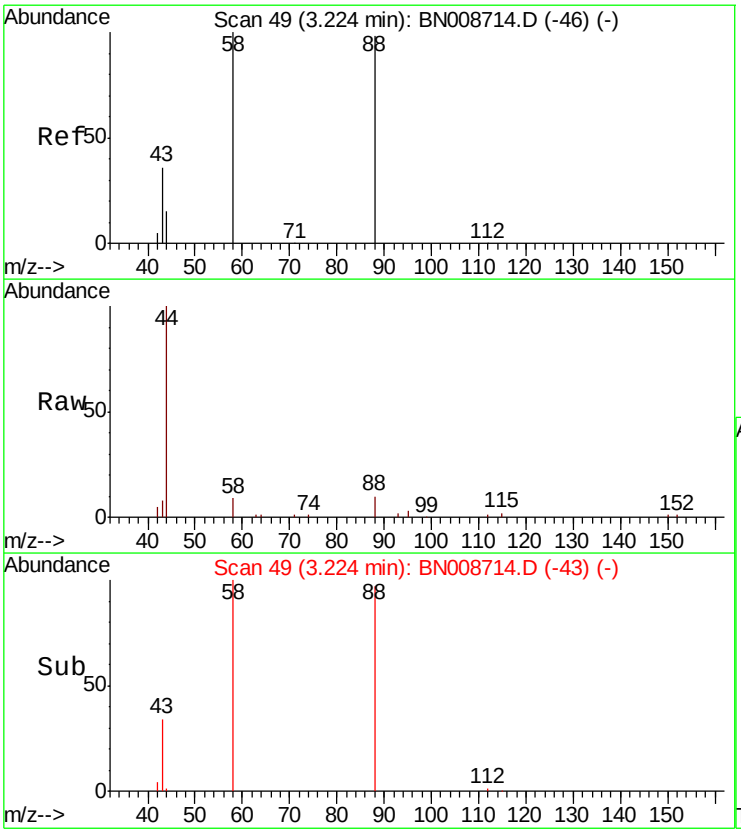
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4204

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.0	186.0
115	62.3	49.8	74.8

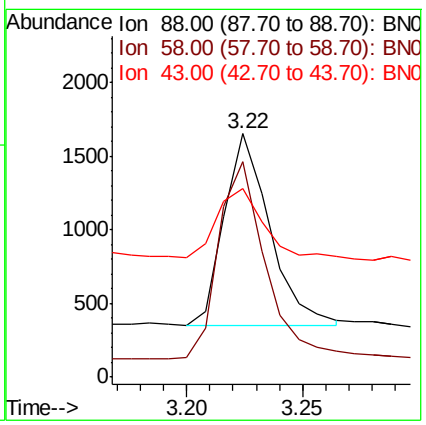


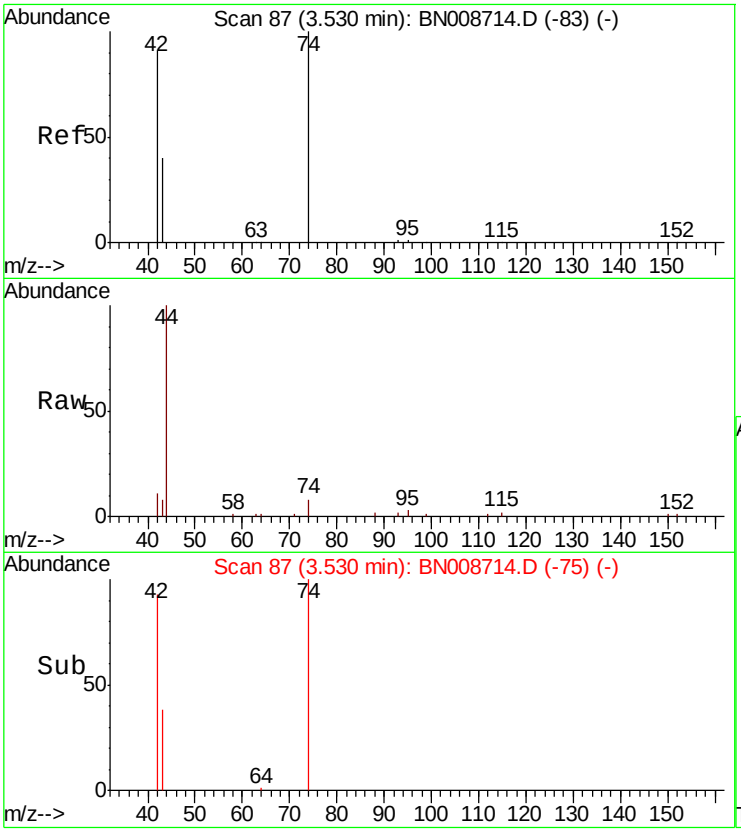


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion: 88 Resp: 1769

Ion	Ratio	Lower	Upper
88	100		
58	107.1	85.7	128.5
43	36.9	29.5	44.3



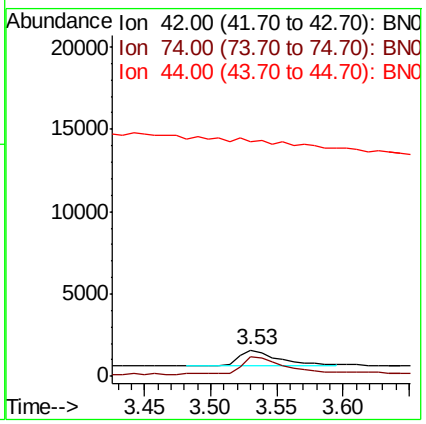


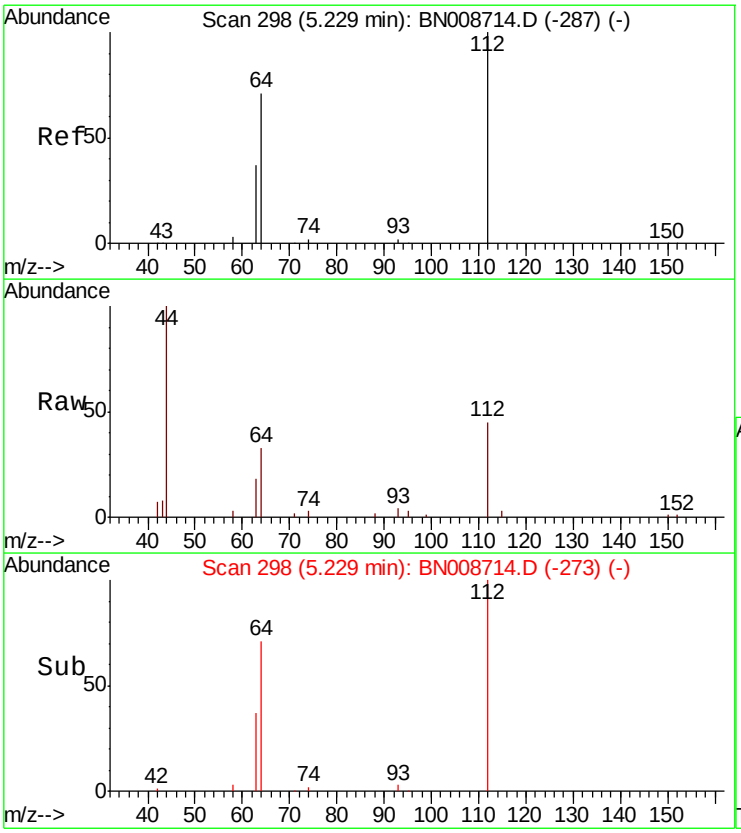
#3
n-Nitrosodimethylamine
Concen: 0.730 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2057

Ion	Ratio	Lower	Upper
42	100		
74	115.8	88.0	132.0
44	0.0	0.0	0.0

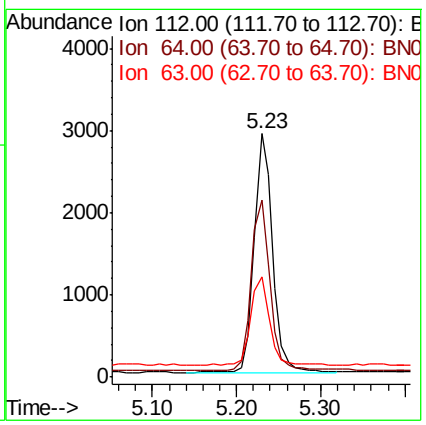


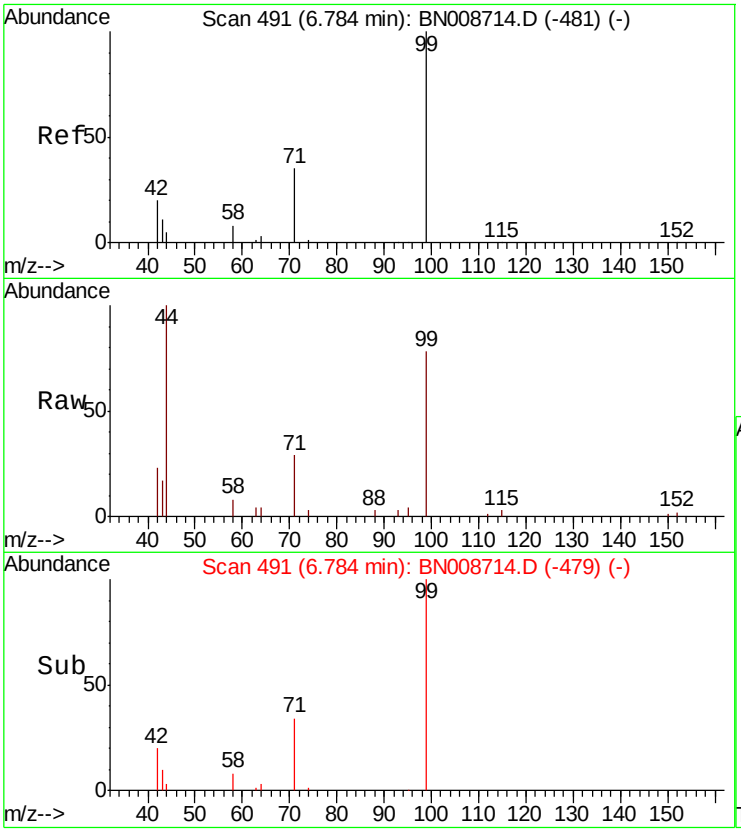


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:112 Resp: 4422

Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.1	85.7
63	37.1	29.7	44.5



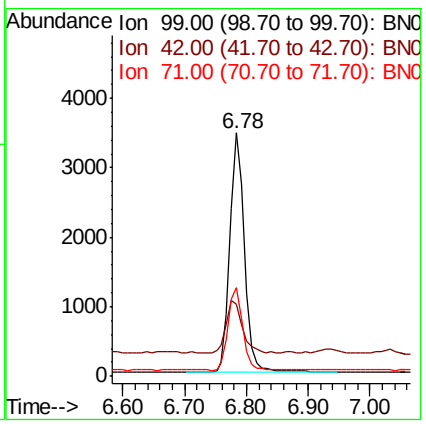


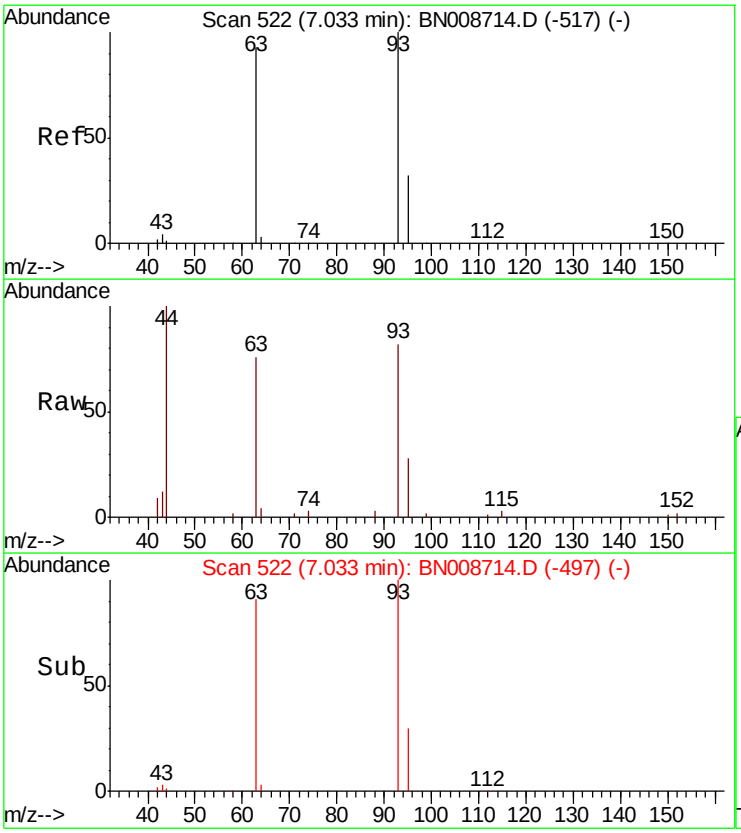
#5
Phenol-d6
Concen: 0.402 ng
RT: 6.78 min Scan# 491
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5598

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.4	29.2
71	34.4	27.5	41.3

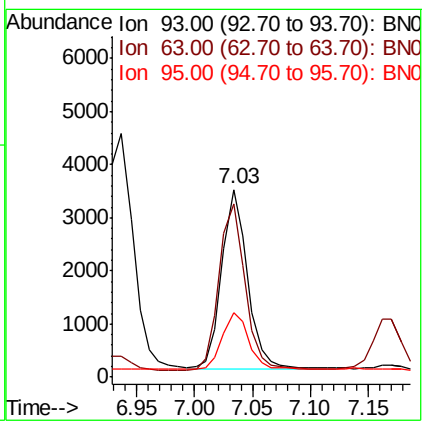


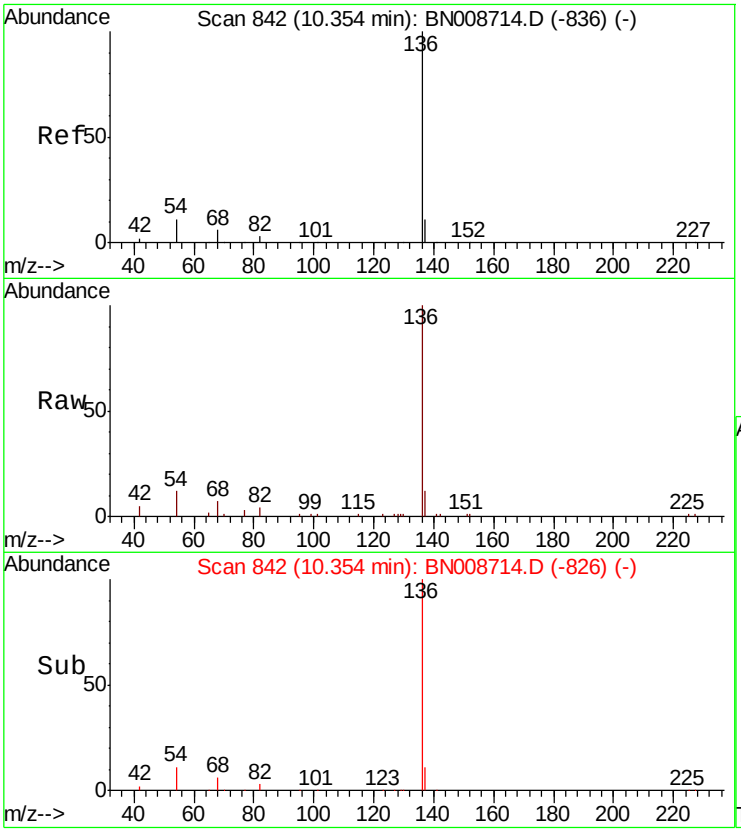


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.03 min Scan# 522
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion: 93 Resp: 5326

Ion	Ratio	Lower	Upper
93	100		
63	92.8	74.2	111.4
95	32.7	26.2	39.2



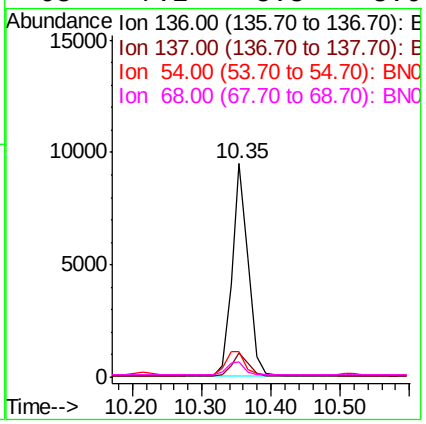


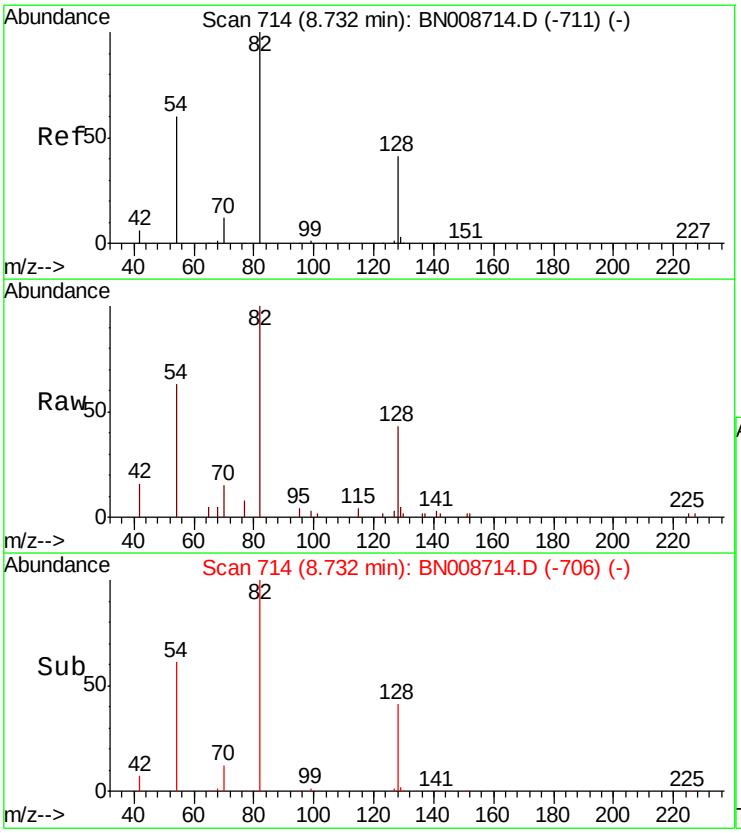
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 15323

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	11.8	9.4	14.2
68	7.2	5.8	8.6

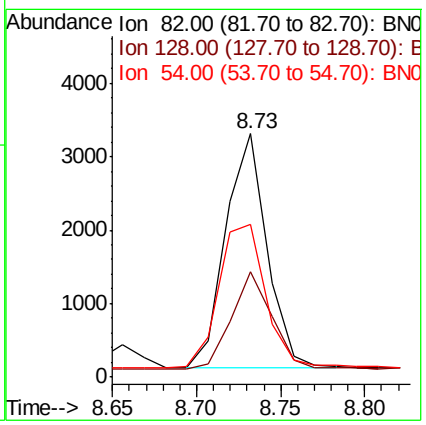


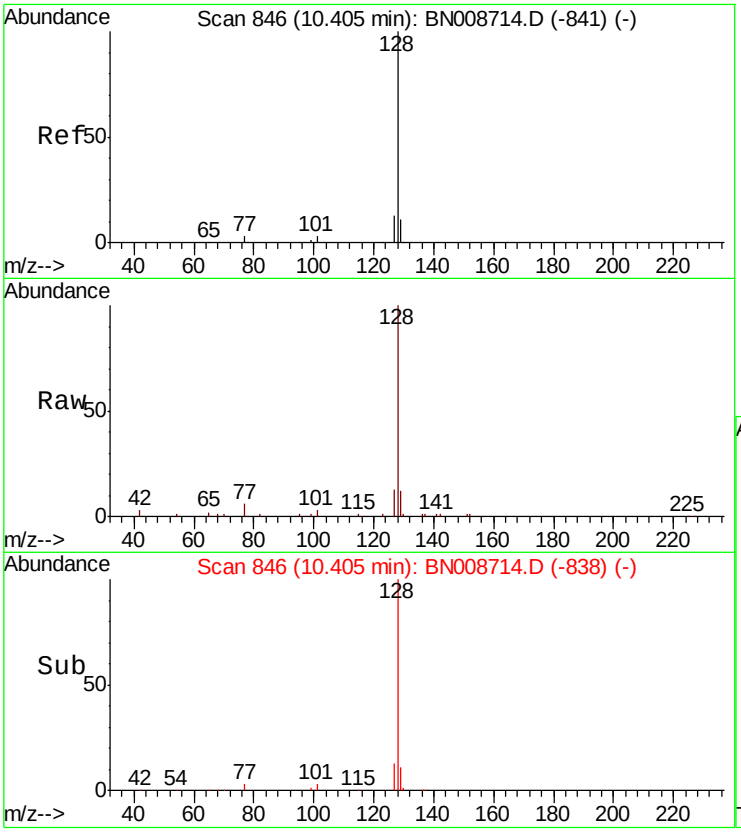


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.73 min Scan# 714
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion: 82 Resp: 5485

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	52.0
54	62.8	50.2	75.4



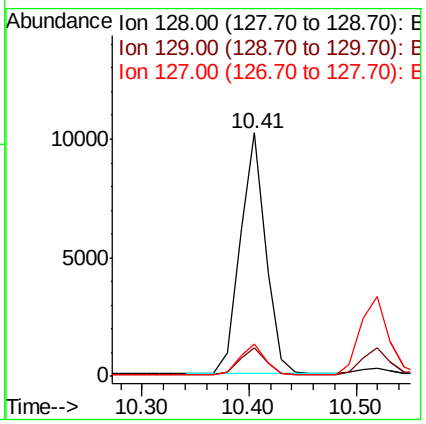


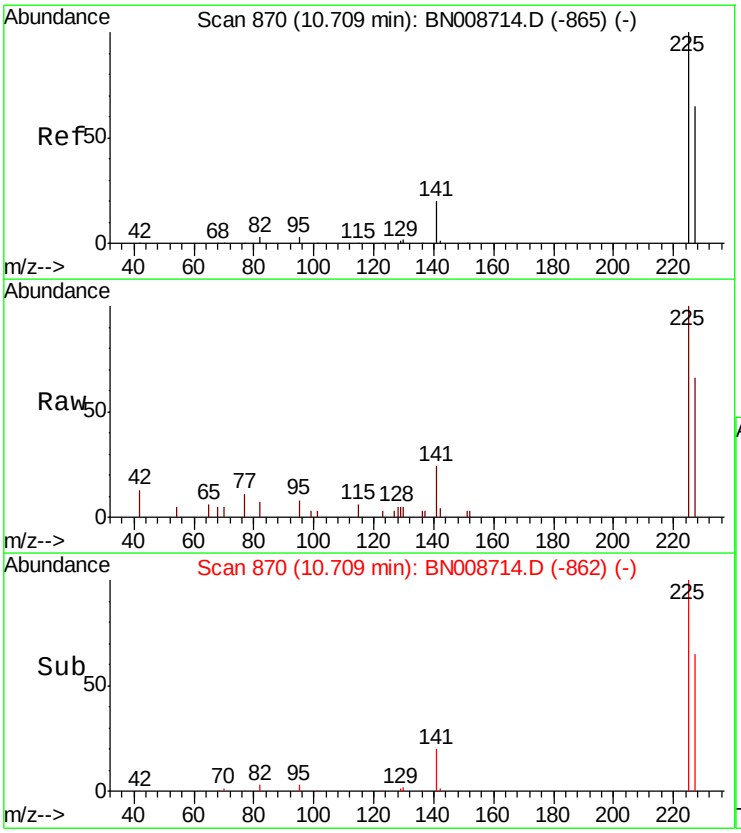
#9
Naphthalene
Concen: 0.409 ng
RT: 10.41 min Scan# 846
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 16744

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.1	10.5	15.7

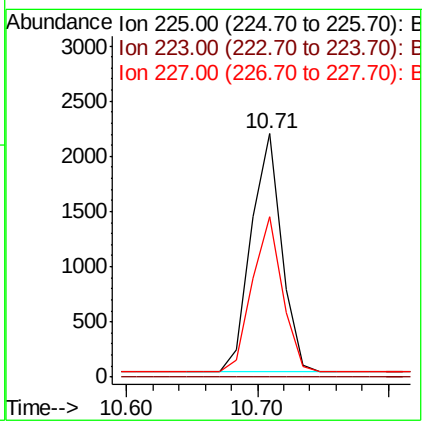


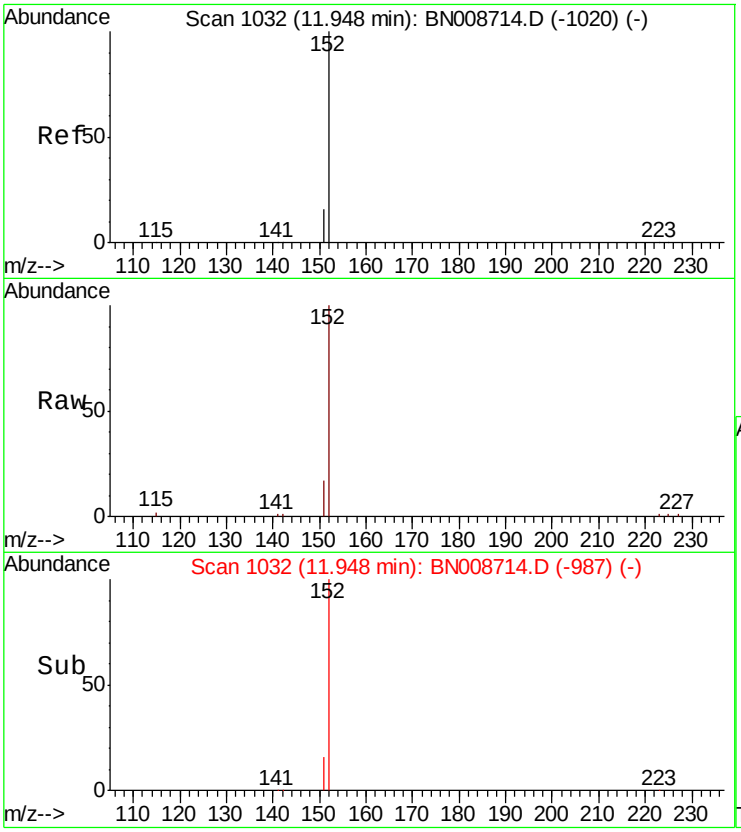


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.71 min Scan# 870
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:225 Resp: 3475

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.8	77.6



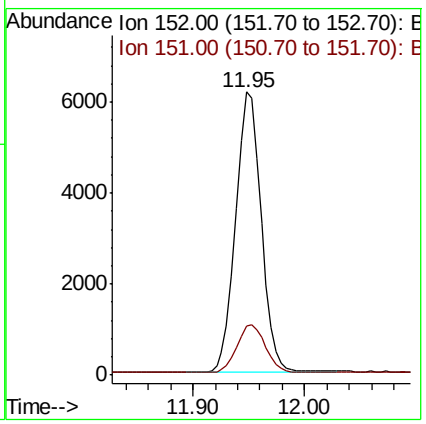


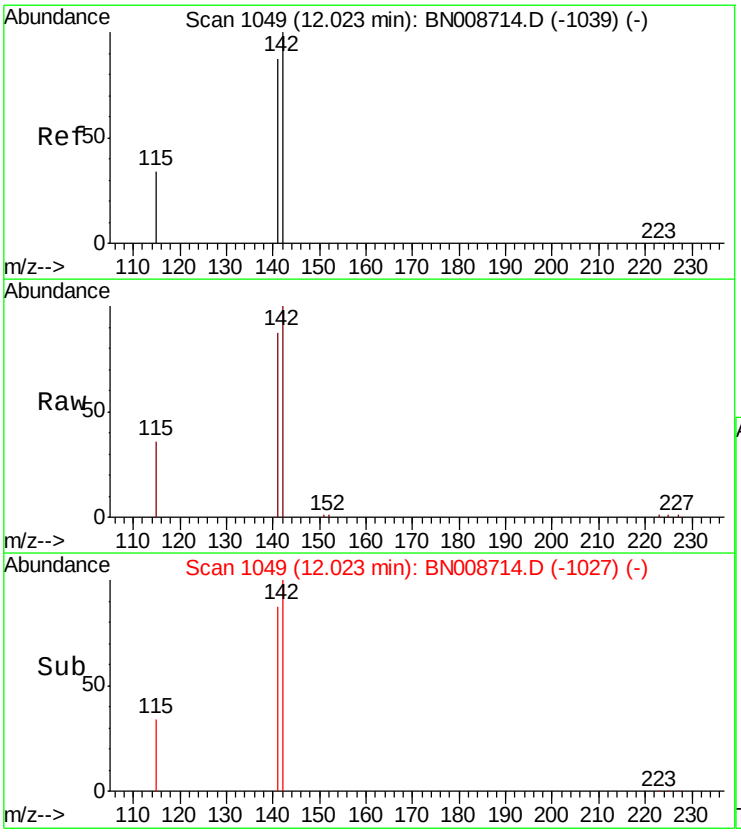
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.95 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9711

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

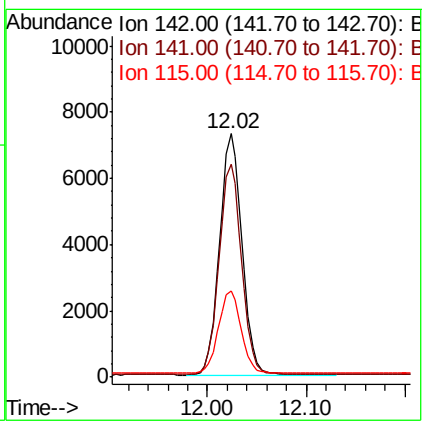


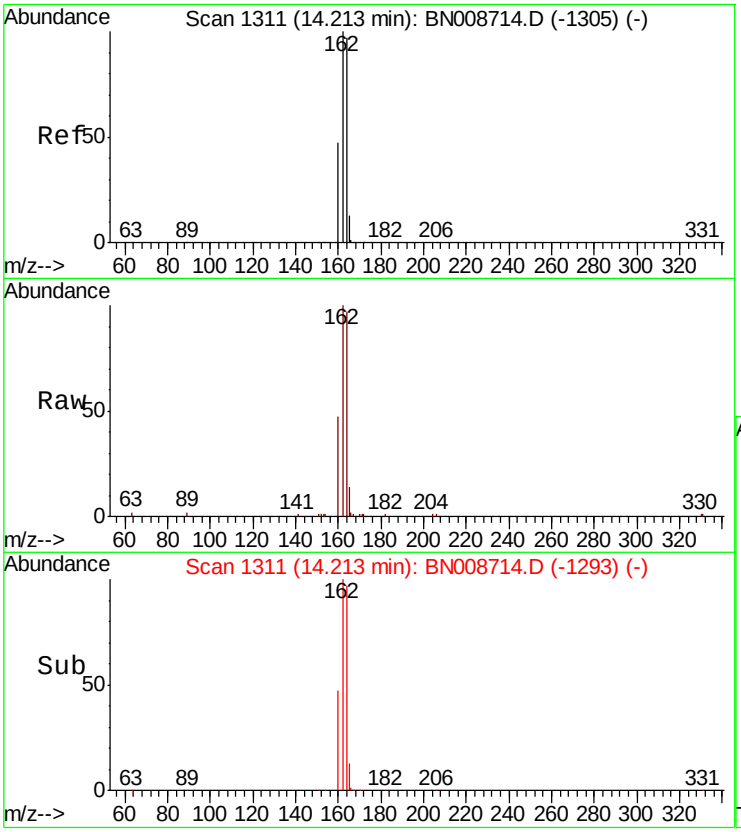


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.02 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:142 Resp: 11491

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.8	104.6
115	35.5	28.4	42.6



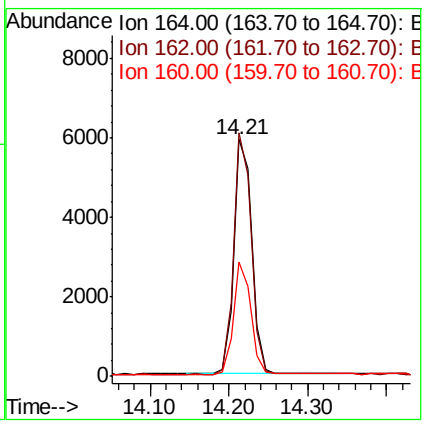


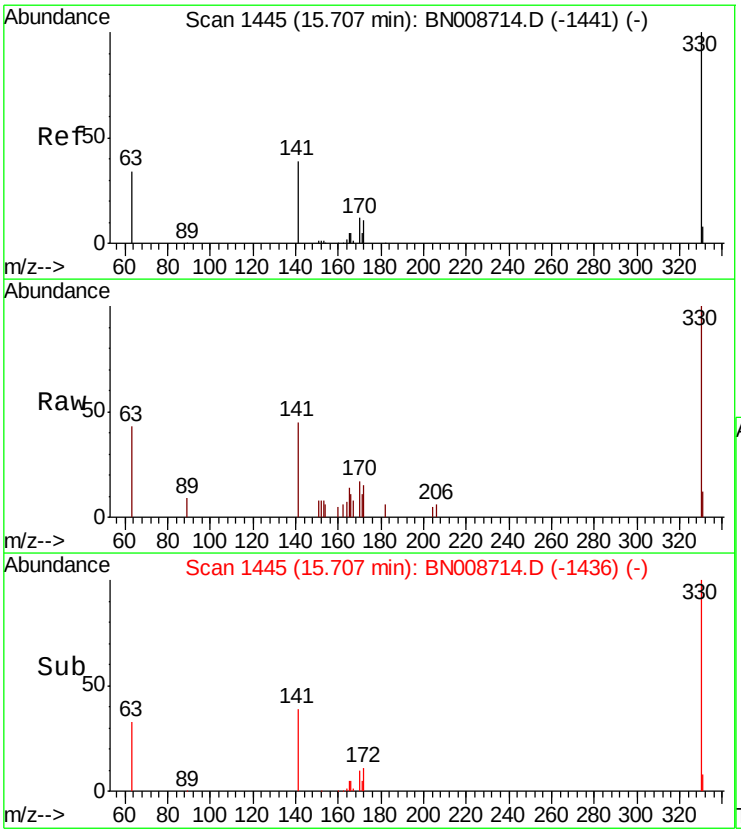
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9472

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	48.4	38.7	58.1

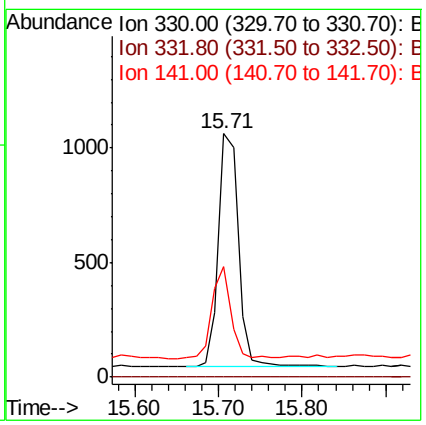


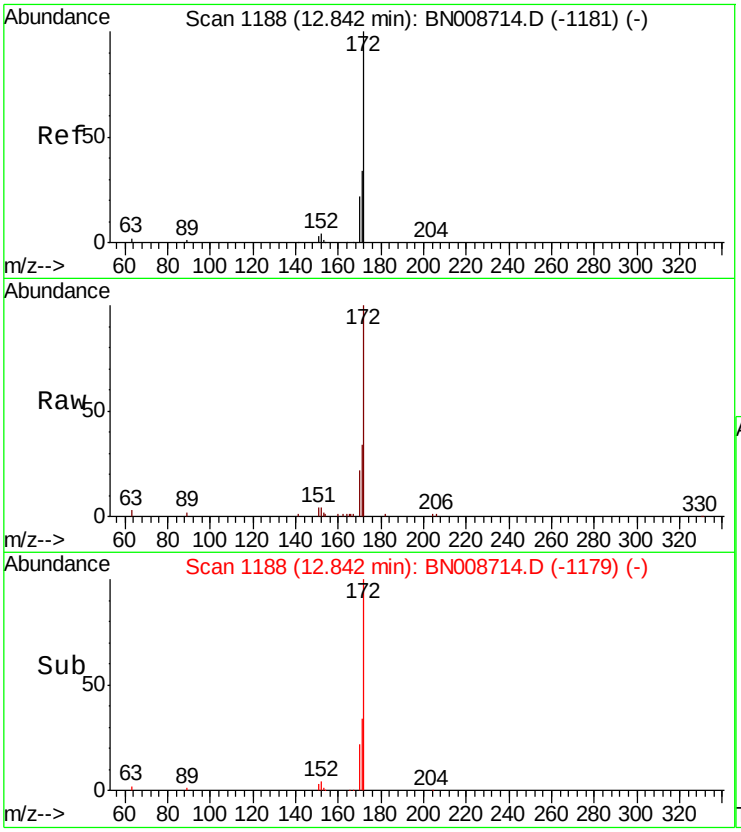


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:330 Resp: 1685

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.9	29.5	44.3



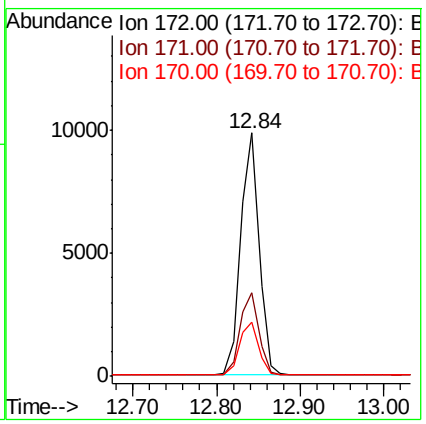


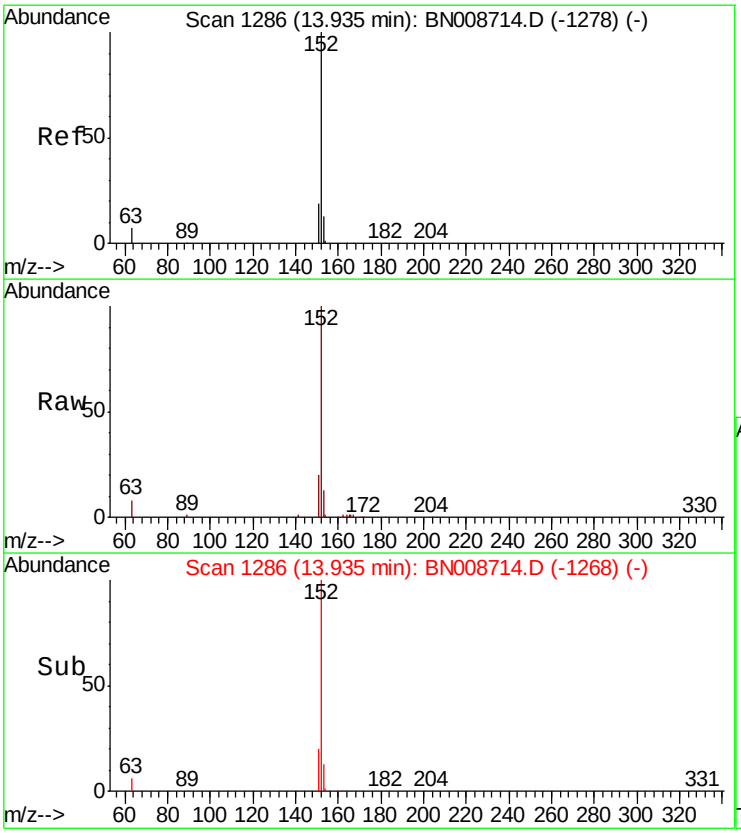
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 14987

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.3	40.9
170	22.2	17.8	26.6

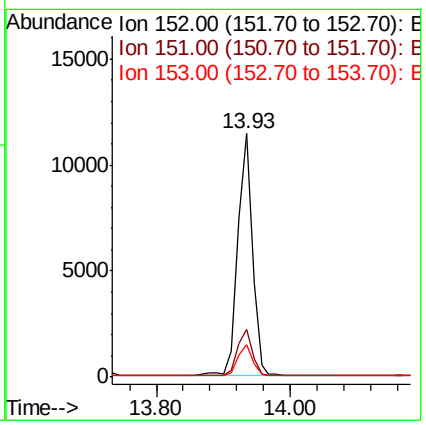


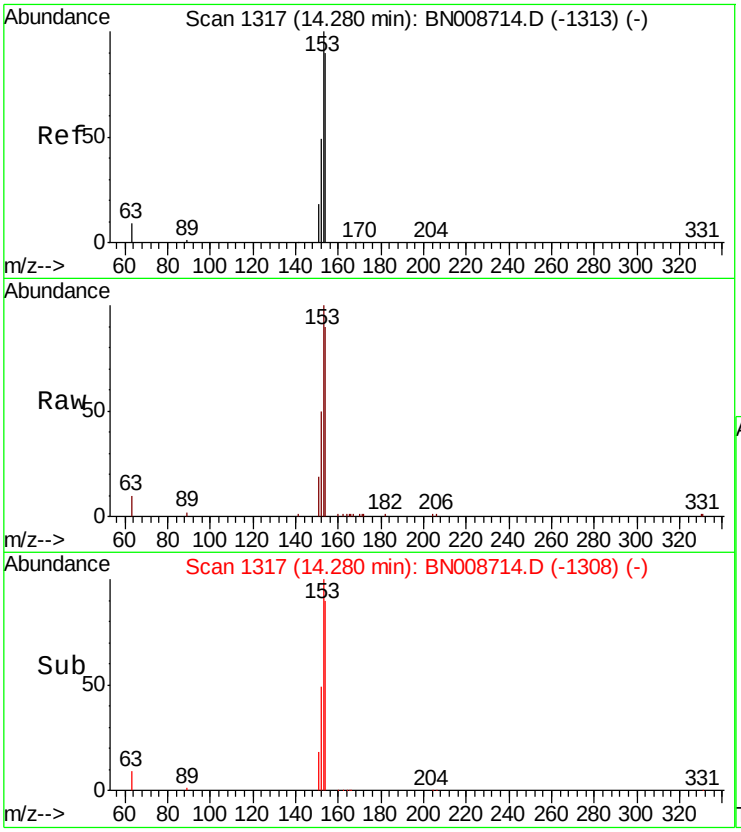


#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.93 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:152 Resp: 17111

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.3	15.5



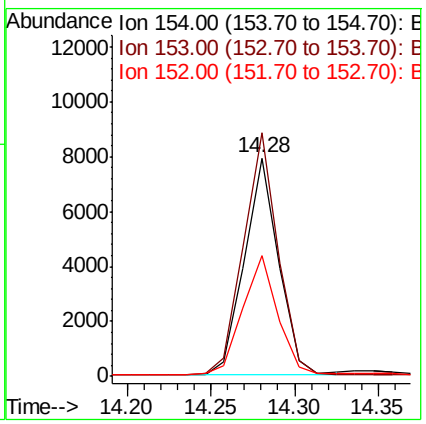


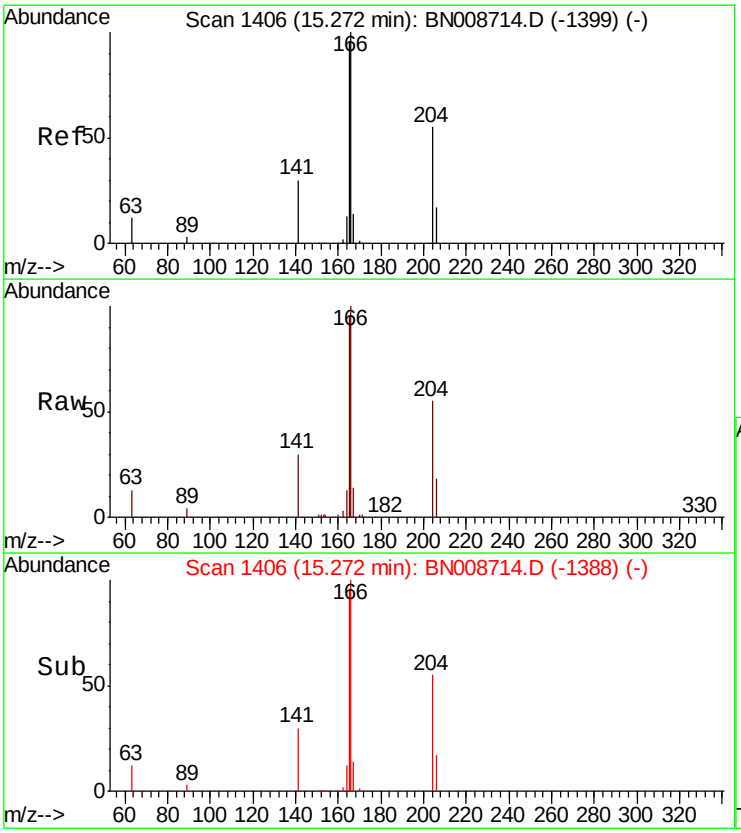
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.28 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 11177

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.6	134.4
152	55.9	44.7	67.1

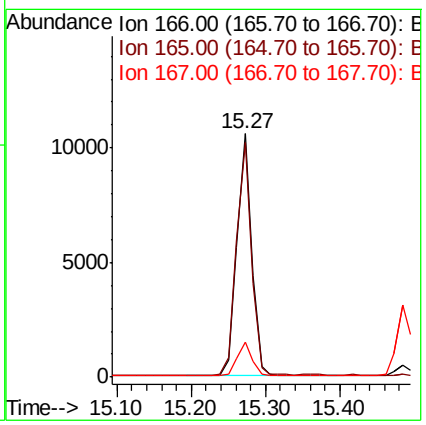


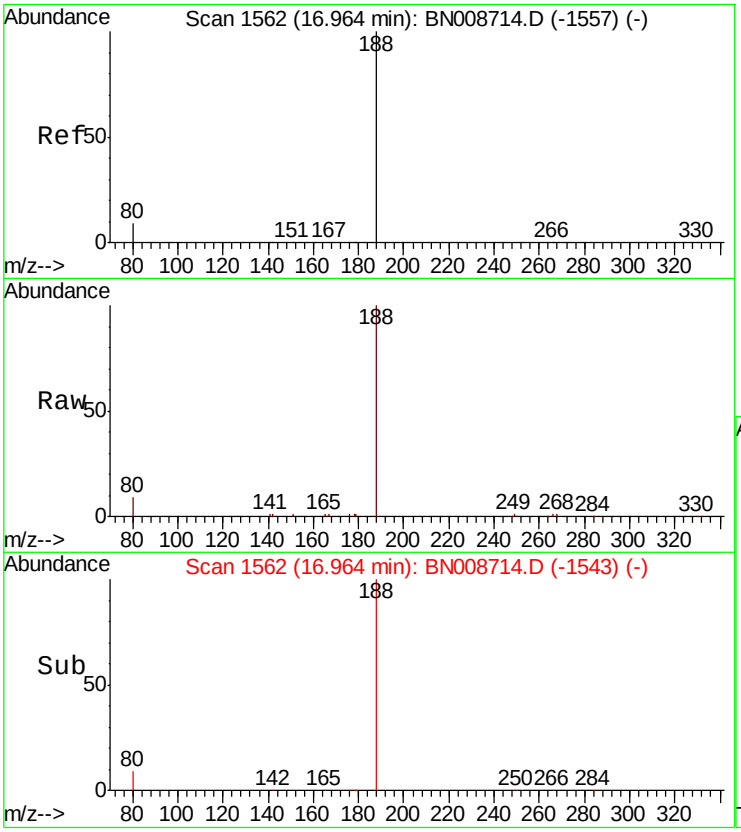


#18
Fluorene
Concen: 0.397 ng
RT: 15.27 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:166 Resp: 14607

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.5	10.8	16.2



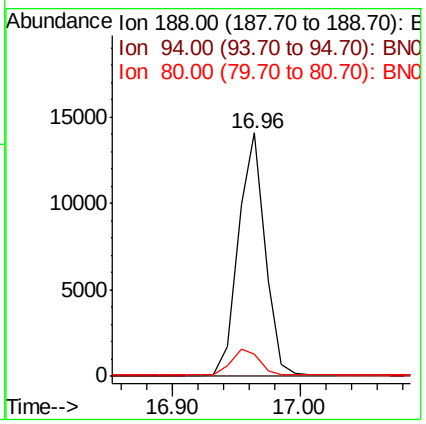


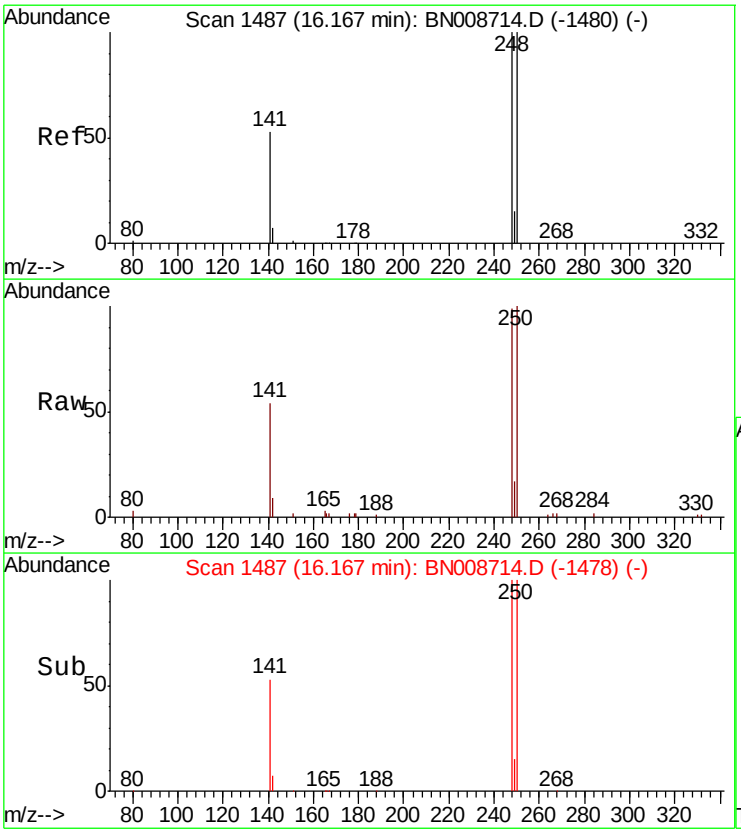
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 20378

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.0

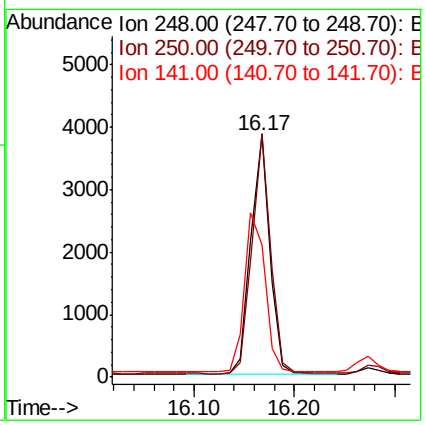


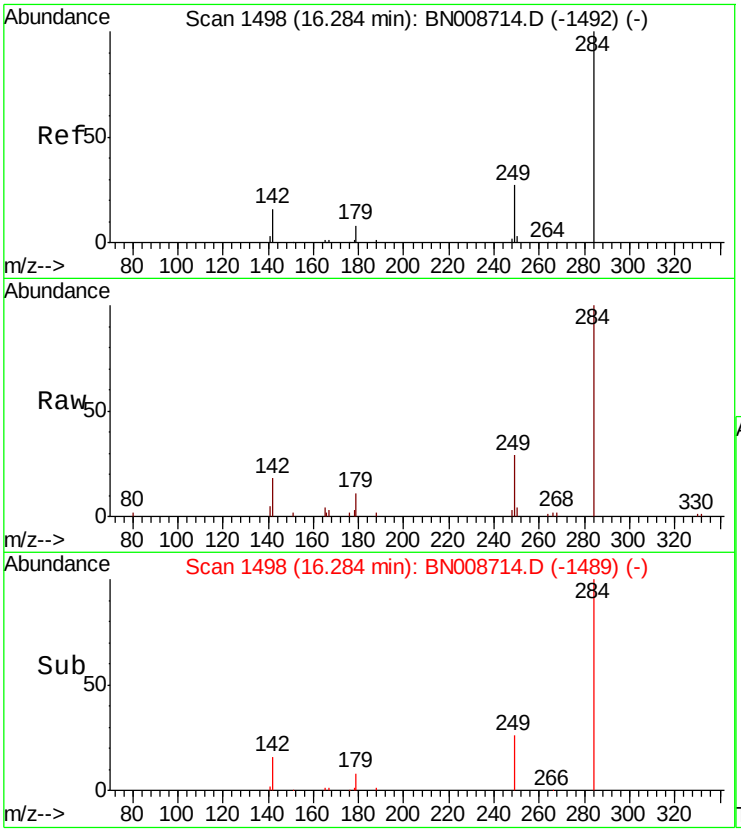


#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.17 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:248 Resp: 5004

Ion	Ratio	Lower	Upper
248	100		
250	100.6	80.5	120.7
141	54.7	43.8	65.6



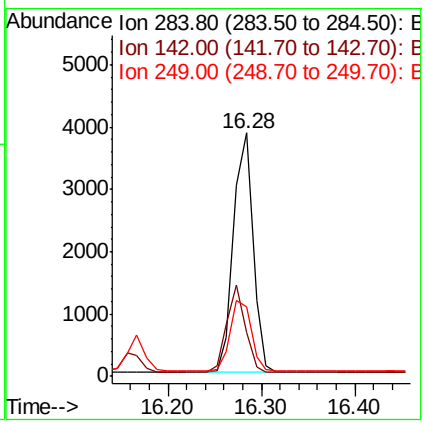


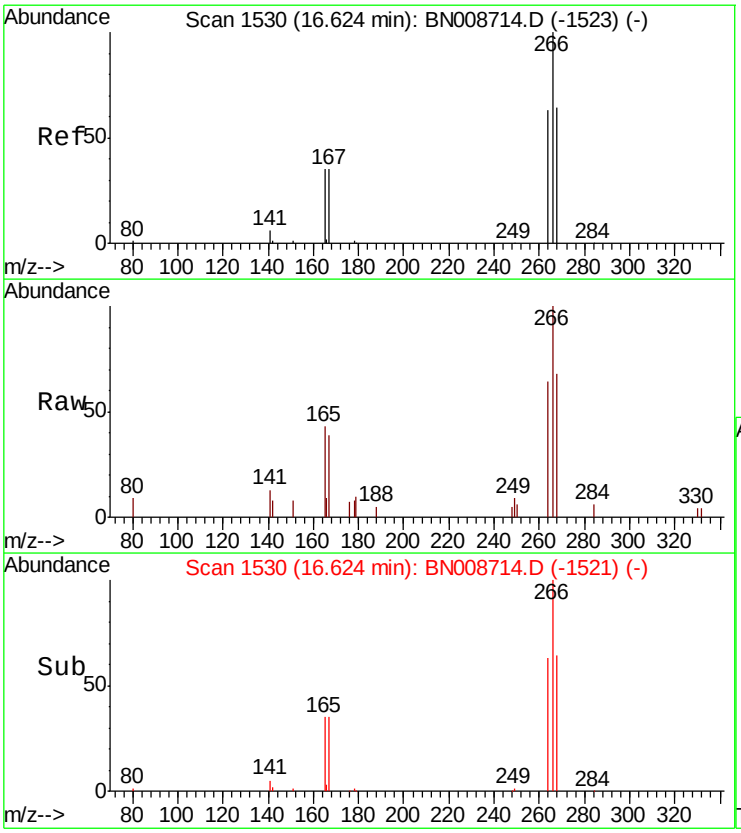
#21
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.28 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 5573

Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.4	41.0
249	31.7	25.4	38.0

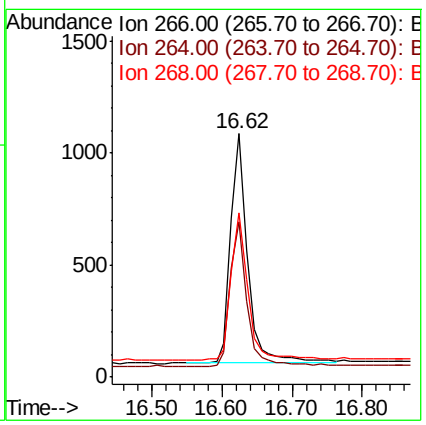


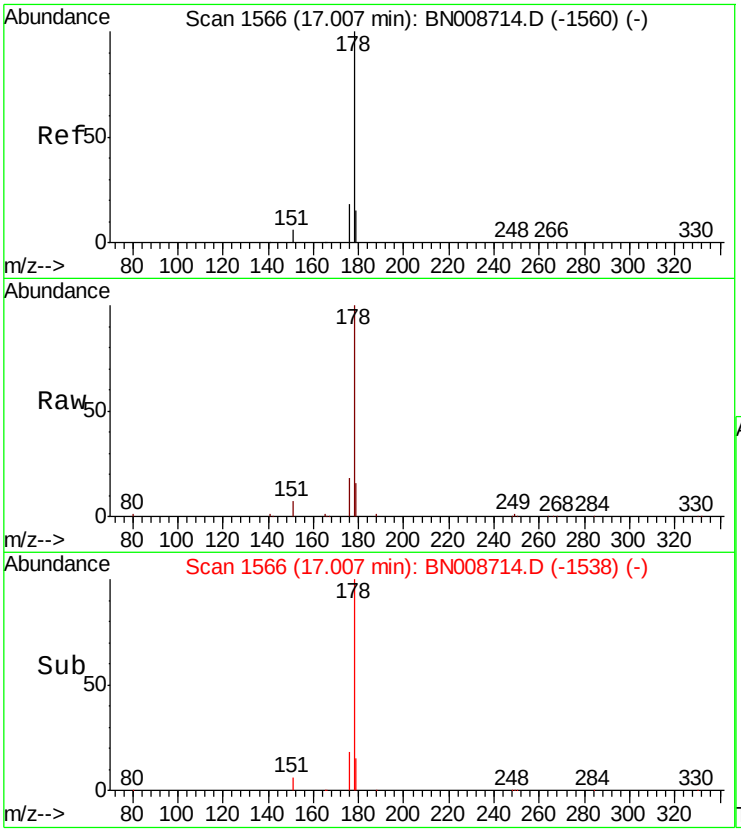


#22
Pentachlorophenol
Concen: 0.339 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:266 Resp: 1702

Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.0	76.4
268	67.6	54.1	81.1



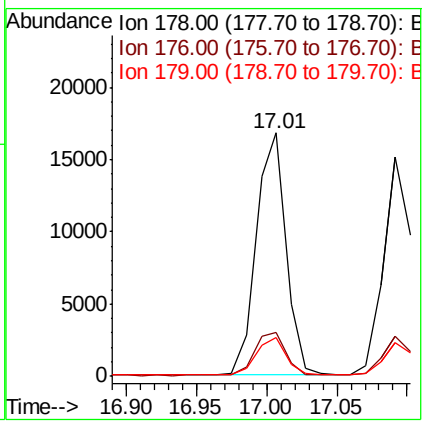


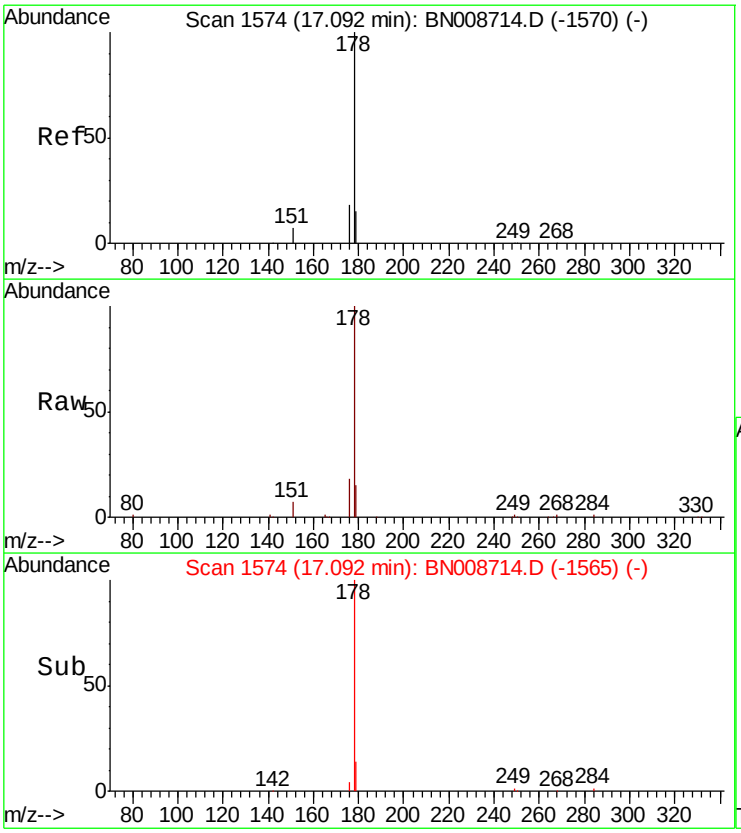
#23
Phenanthrene
Concen: 0.394 ng
RT: 17.01 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 24784

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

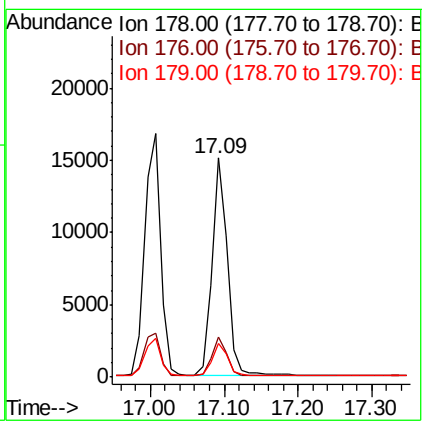


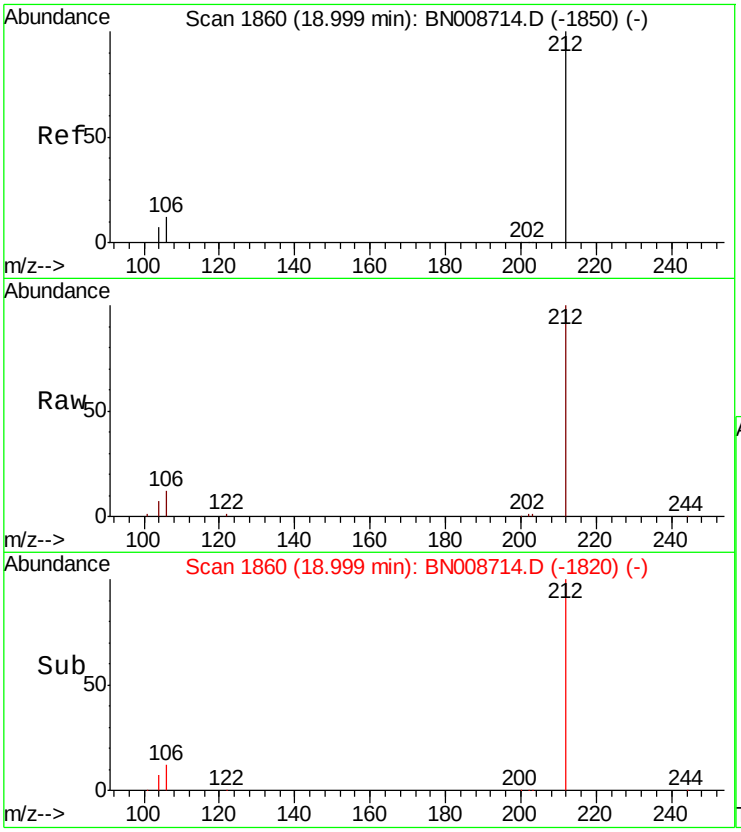


#24
Anthracene
Concen: 0.389 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:178 Resp: 21856

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.0	12.0	18.0



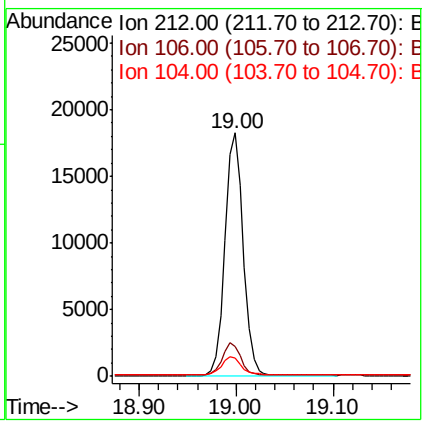


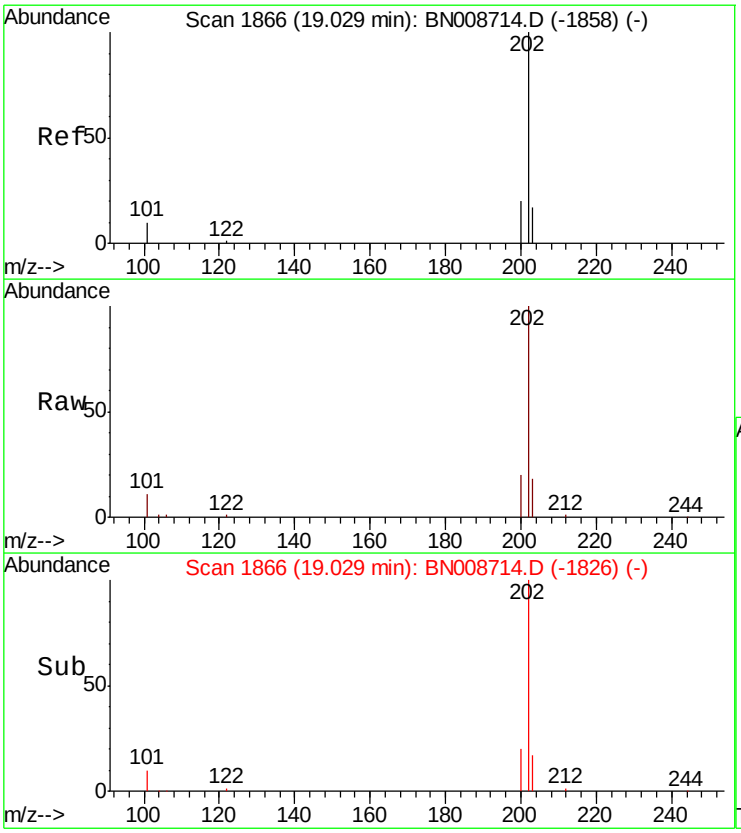
#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 23743

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	15.8
104	7.5	6.0	9.0

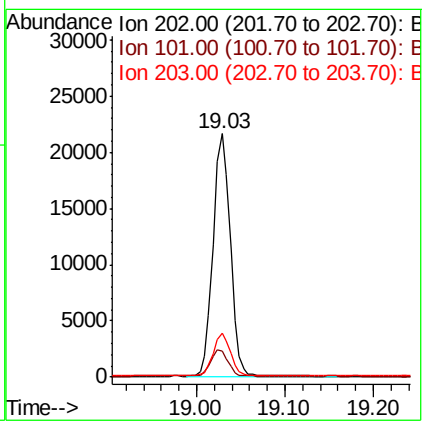


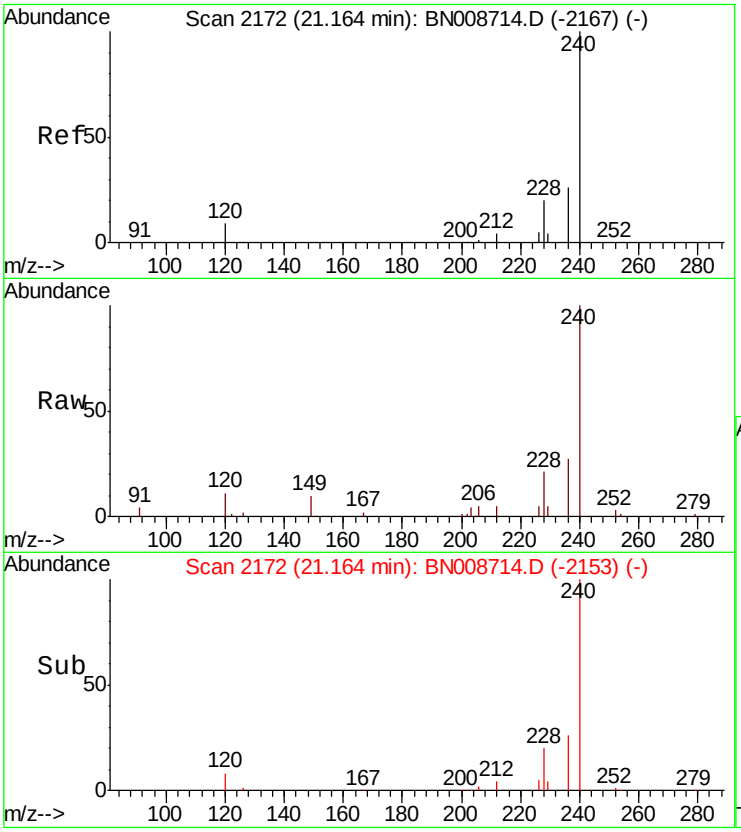


#26
Fluoranthene
Concen: 0.393 ng
RT: 19.03 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:202 Resp: 29029

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	17.2	13.8	20.6



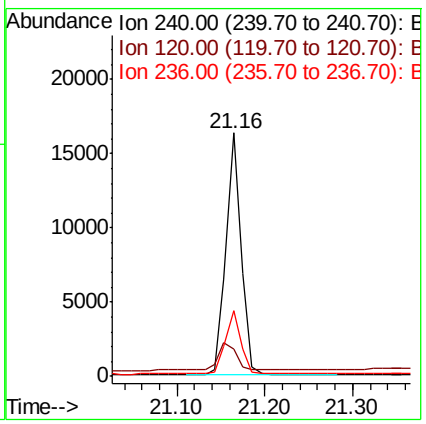


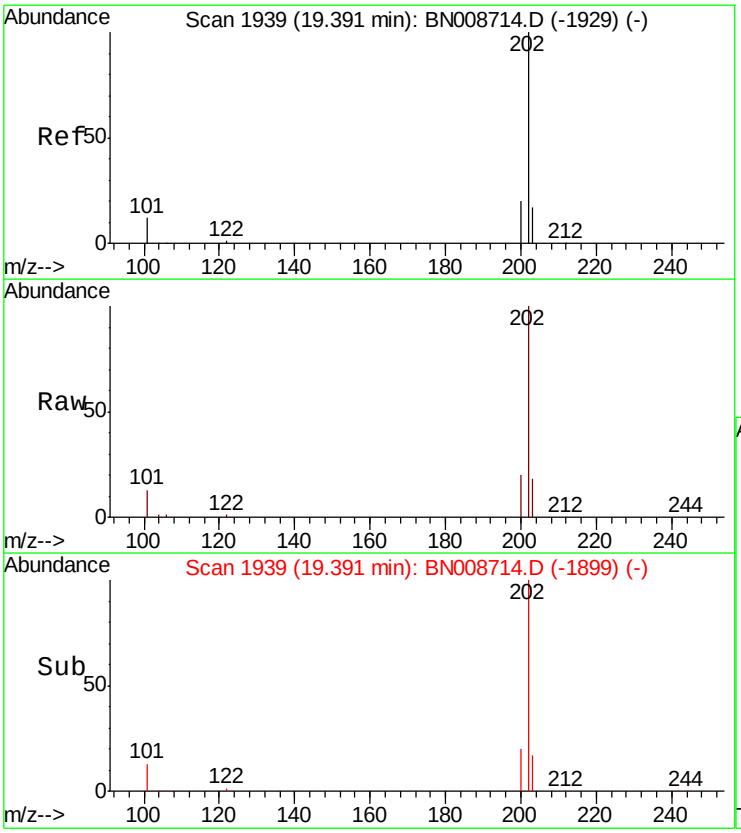
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 19697

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	27.2	21.8	32.6

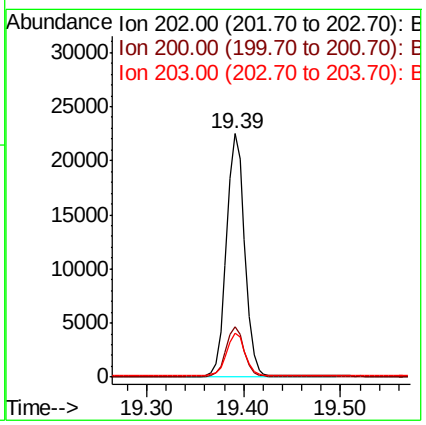


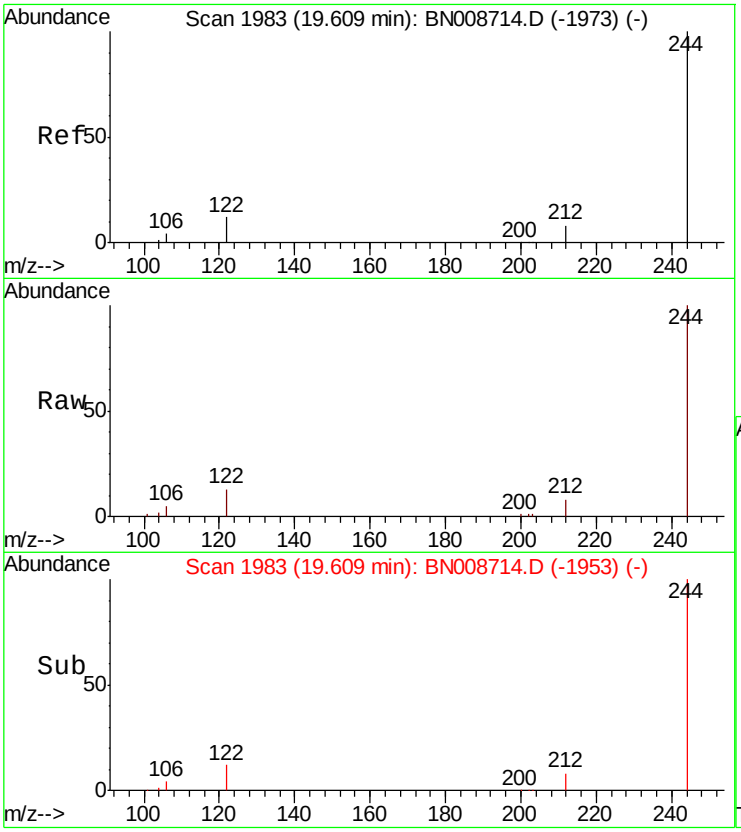


#28
Pyrene
Concen: 0.403 ng
RT: 19.39 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:202 Resp: 29315

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.5	14.0	21.0



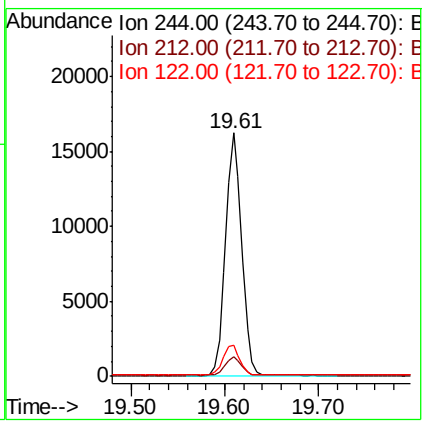


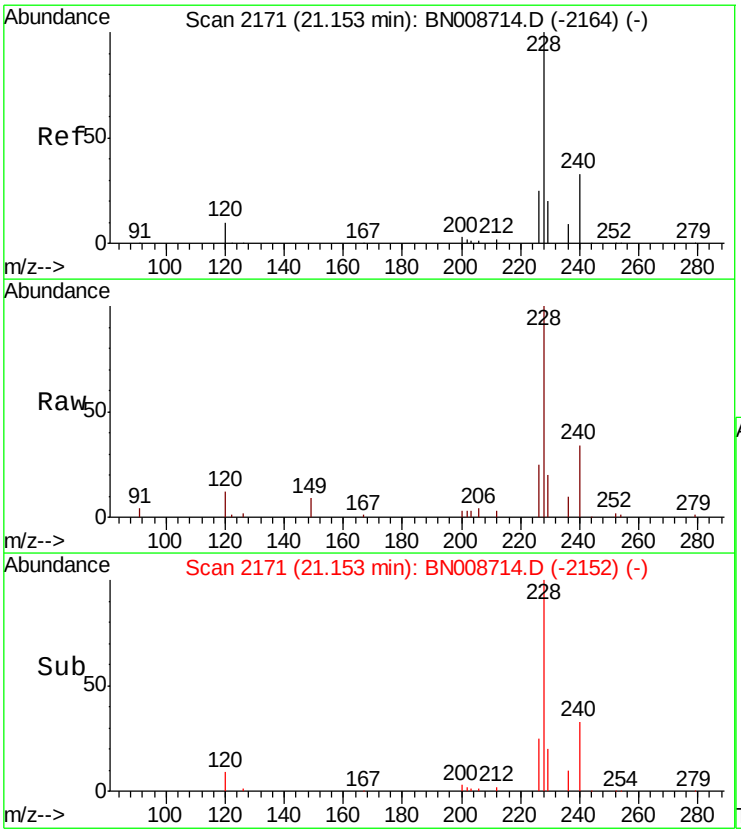
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.61 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 19167

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	12.6	10.1	15.1

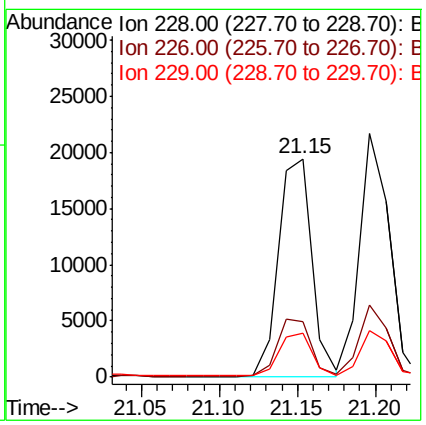


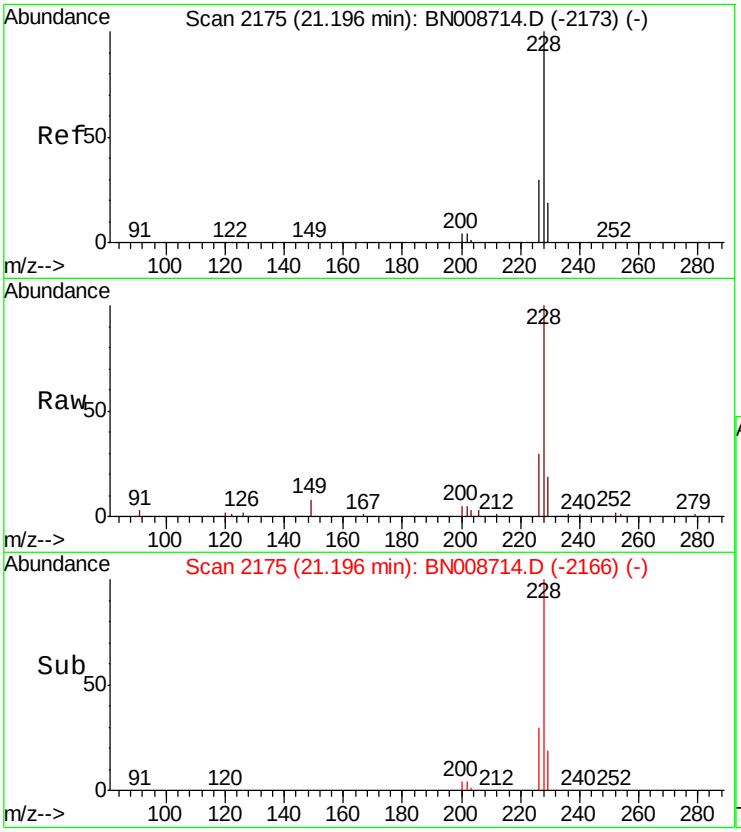


#30
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:228 Resp: 28632

Ion	Ratio	Lower	Upper
228	100		
226	25.4	20.3	30.5
229	20.3	16.2	24.4



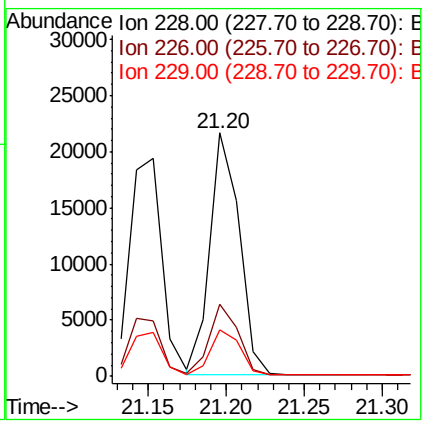


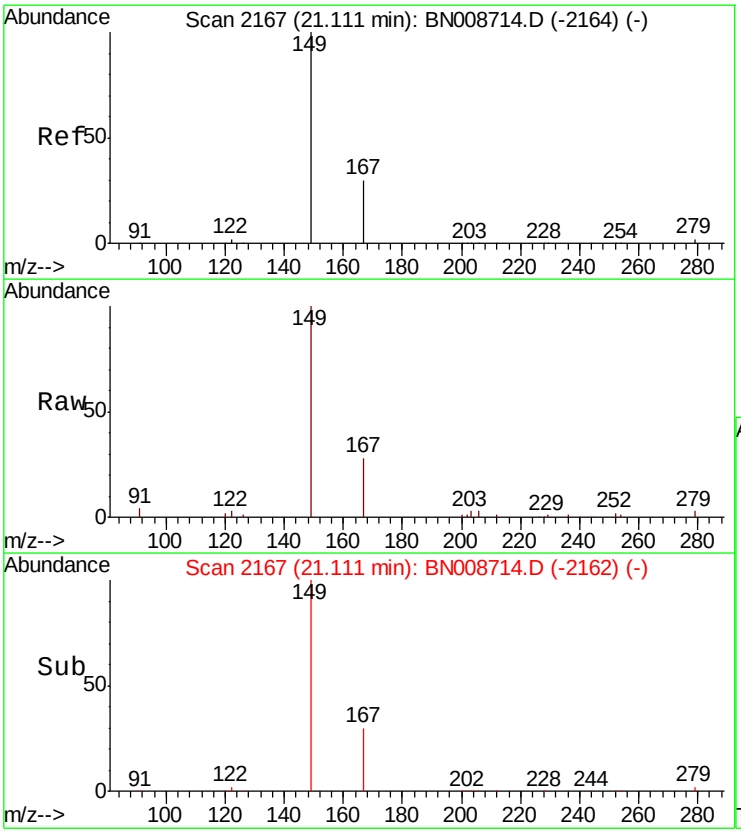
#31
Chrysene
Concen: 0.404 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 28210

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.2	15.4	23.0

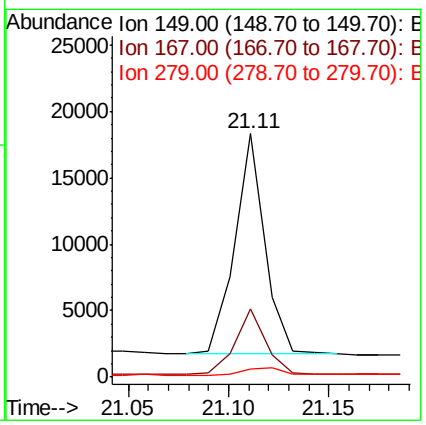


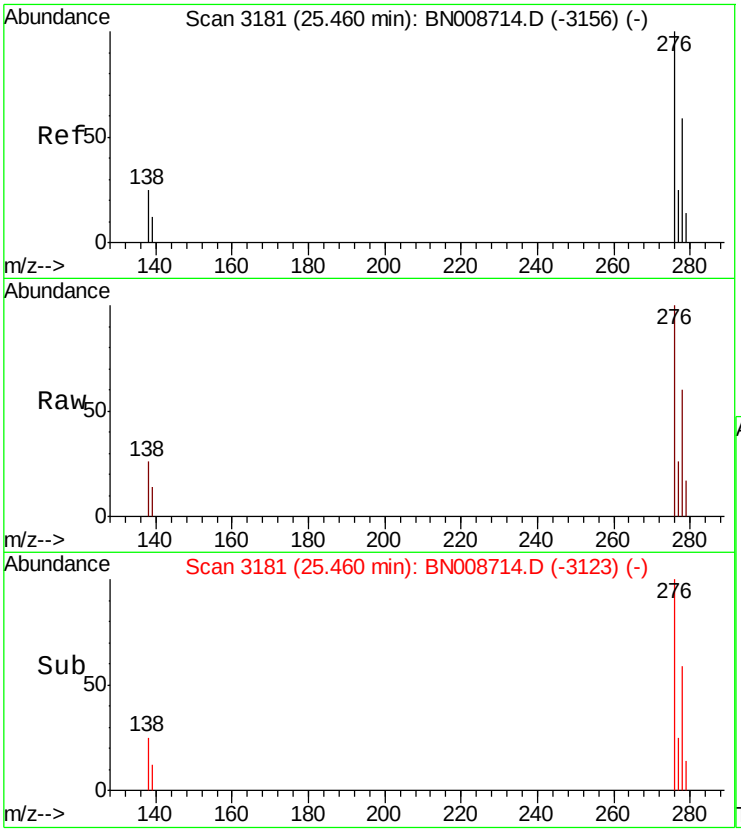


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.368 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:149 Resp: 17233

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.5	35.3
279	4.2	3.4	5.0



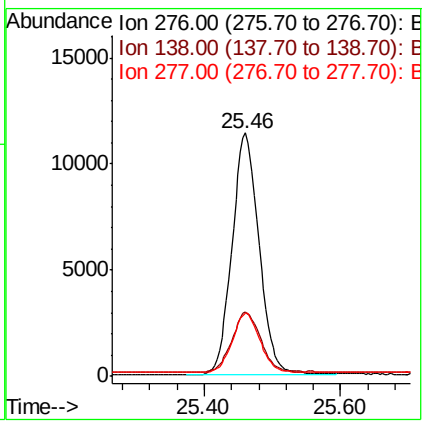


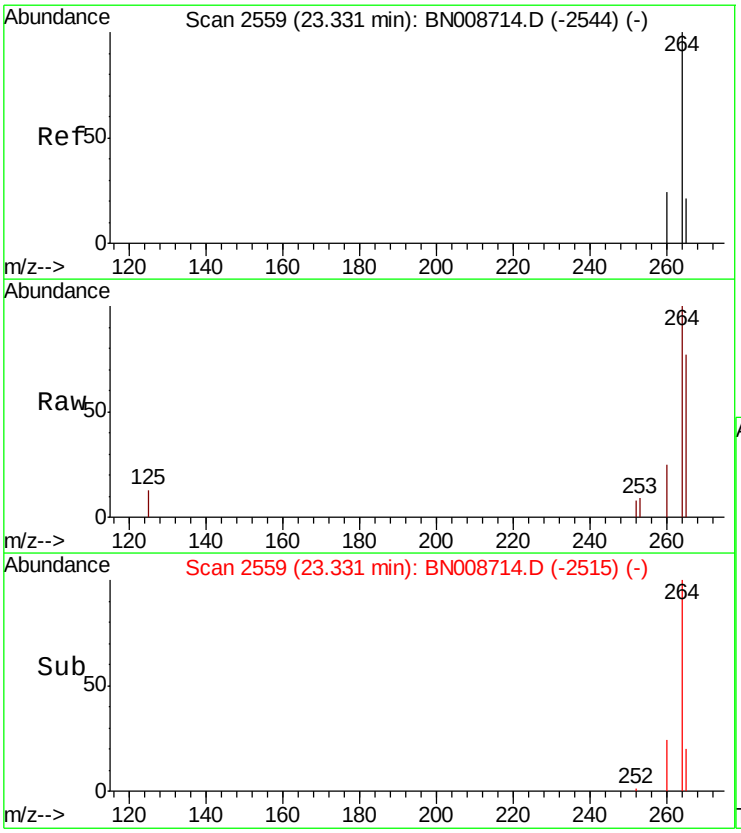
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng
RT: 25.46 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 31394

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.0	31.6
277	24.9	19.9	29.9

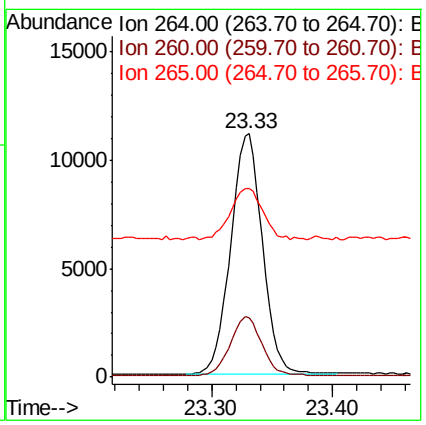


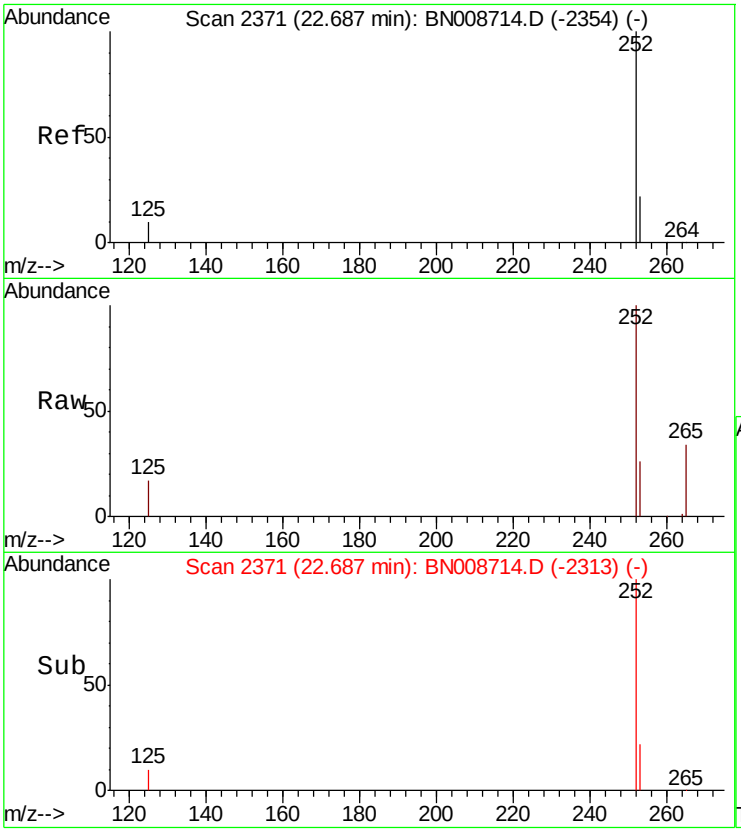


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:264 Resp: 19998

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	77.2	61.8	92.6



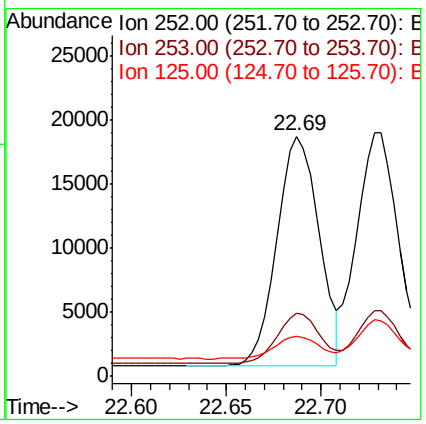


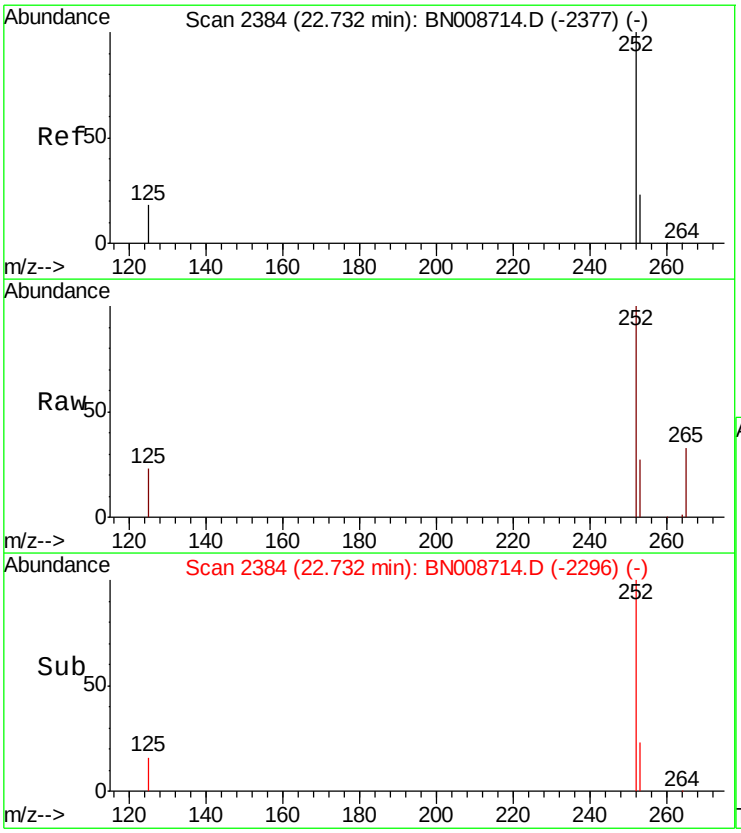
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 27659

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.8	31.2
125	16.9	13.5	20.3

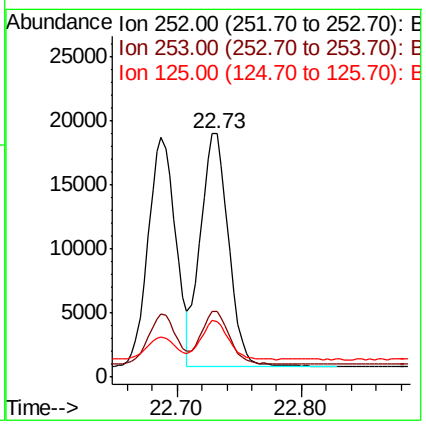


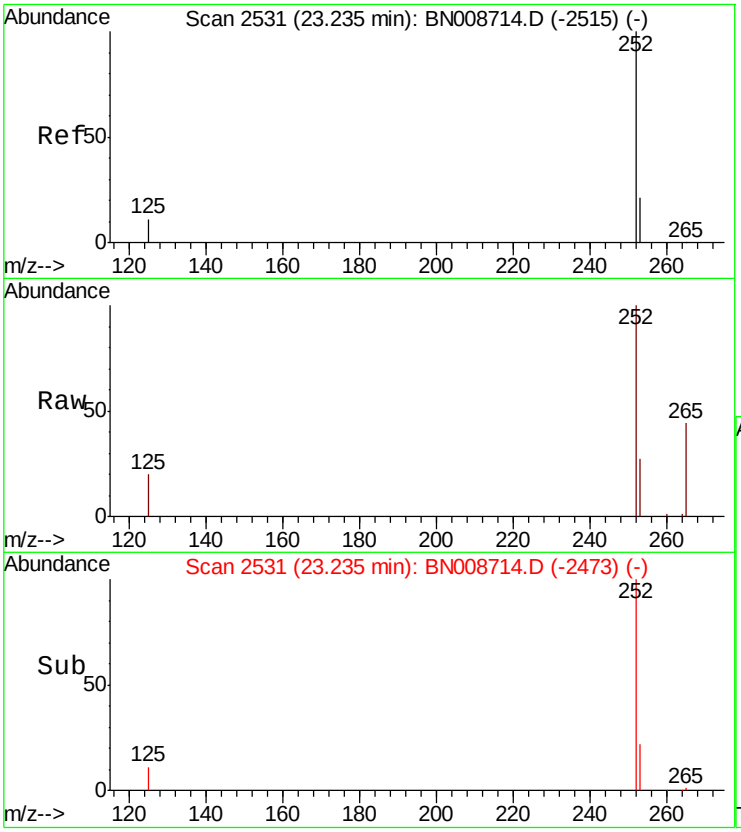


#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 22.73 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:252 Resp: 28409

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.8	32.6
125	22.8	18.2	27.4



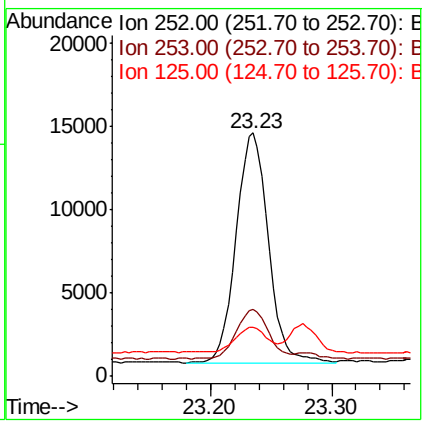


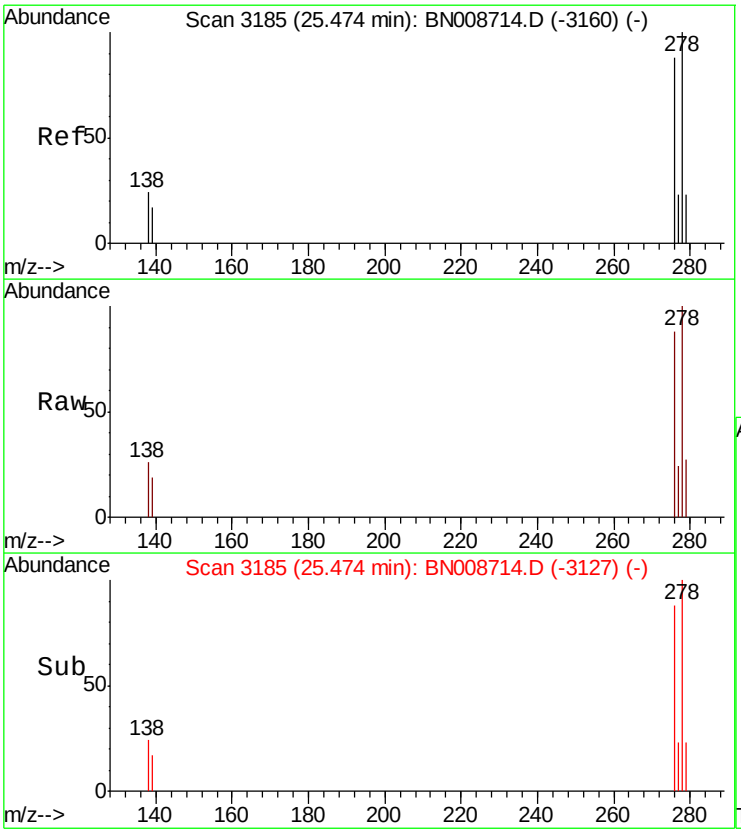
#37
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 25554

Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.9	32.9
125	20.4	16.3	24.5

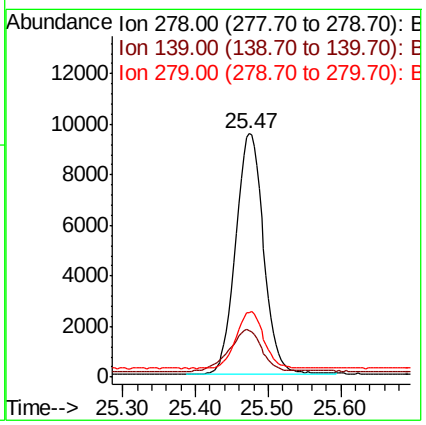


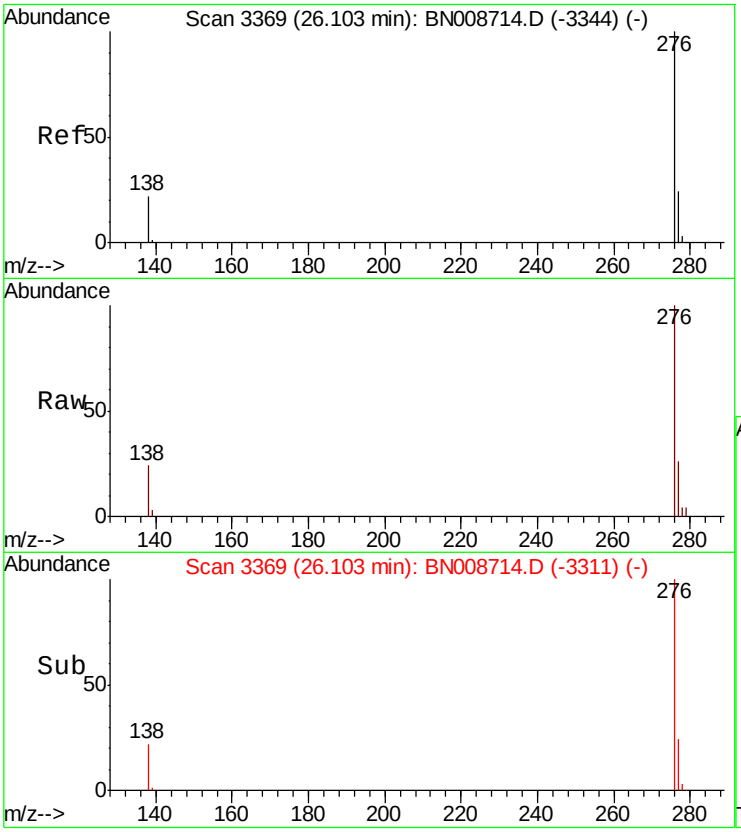


#38
Dibenzo(a,h)anthracene
Concen: 0.402 ng
RT: 25.47 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Tgt Ion:278 Resp: 25416

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.4	23.2
279	26.6	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.10 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BN008714.D
Acq: 22 Nov 2019 20:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 25304

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.4	30.6
138	24.0	19.2	28.8