Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
Data File : BN008723.D
Acq On : 23 Nov 2019 11:03
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 25 11:45:27 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 10:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	5424	0.40	ng		0.00
7) Naphthalene-d8	10.35	136	19562	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	12048	0.40	ng		0.00
19) Phenanthrene-d10	16.96	188	25854	0.40	ng		0.00
27) Chrysene-d12	21.16	240	25954	0.40	ng		0.00
34) Perylene-d12	23.32	264	25536	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	5604	0.39	ng		0.00
5) Phenol-d6	6.78	99	6951	0.39	ng		0.00
8) Nitrobenzene-d5	8.73	82	6916	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.95	152	12397	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	2032	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	18997	0.40	ng		0.00
25) Fluoranthene-d10	18.99	212	29919	0.39	ng		0.00
29) Terphenyl-d14	19.61	244	24279	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	2303	0.402	ng		98
3) n-Nitrosodimethylamine	3.53	42	2602	0.366	ng	#	97
6) bis(2-Chloroethyl)ether	7.03	93	6705	0.398	ng		99
9) Naphthalene	10.41	128	21332	0.409	ng		100
10) Hexachlorobutadiene	10.71	225	4405	0.407	ng	#	98
12) 2-Methylnaphthalene	12.02	142	14612	0.402	ng		100
16) Acenaphthylene	13.93	152	21574	0.389	ng		99
17) Acenaphthene	14.28	154	14244	0.390	ng		100
18) Fluorene	15.27	166	18381	0.393	ng		100
20) 4-Bromophenyl-phenylether	16.17	248	6397	0.396	ng		96
21) Hexachlorobenzene	16.27	284	7143	0.402	ng		99
22) Pentachlorophenol	16.62	266	2082	0.327	ng		98
23) Phenanthrene	17.00	178	31758	0.398	ng		99
24) Anthracene	17.09	178	27400	0.384	ng		100
26) Fluoranthene	19.02	202	36731	0.392	ng		100
28) Pyrene	19.39	202	36822	0.384	ng		100
30) Benzo(a)anthracene	21.14	228	37210	0.392	ng		98
31) Chrysene	21.20	228	35886	0.390	ng		99
32) Bis(2-ethylhexyl)phthalate	21.11	149	19173	0.311	ng		99
33) Indeno(1,2,3-cd)pyrene	25.45	276	40118	0.391	ng		100
35) Benzo(b)fluoranthene	22.68	252	35884	0.406	ng		97
36) Benzo(k)fluoranthene	22.73	252	35484	0.396	ng	#	93
37) Benzo(a)pyrene	23.23	252	32214	0.394	ng		95
38) Dibenzo(a,h)anthracene	25.47	278	32400	0.402	ng		98
39) Benzo(g,h,i)perylene	26.10	276	32600	0.405	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
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Acq On : 23 Nov 2019 11:03
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 11:45:27 2019
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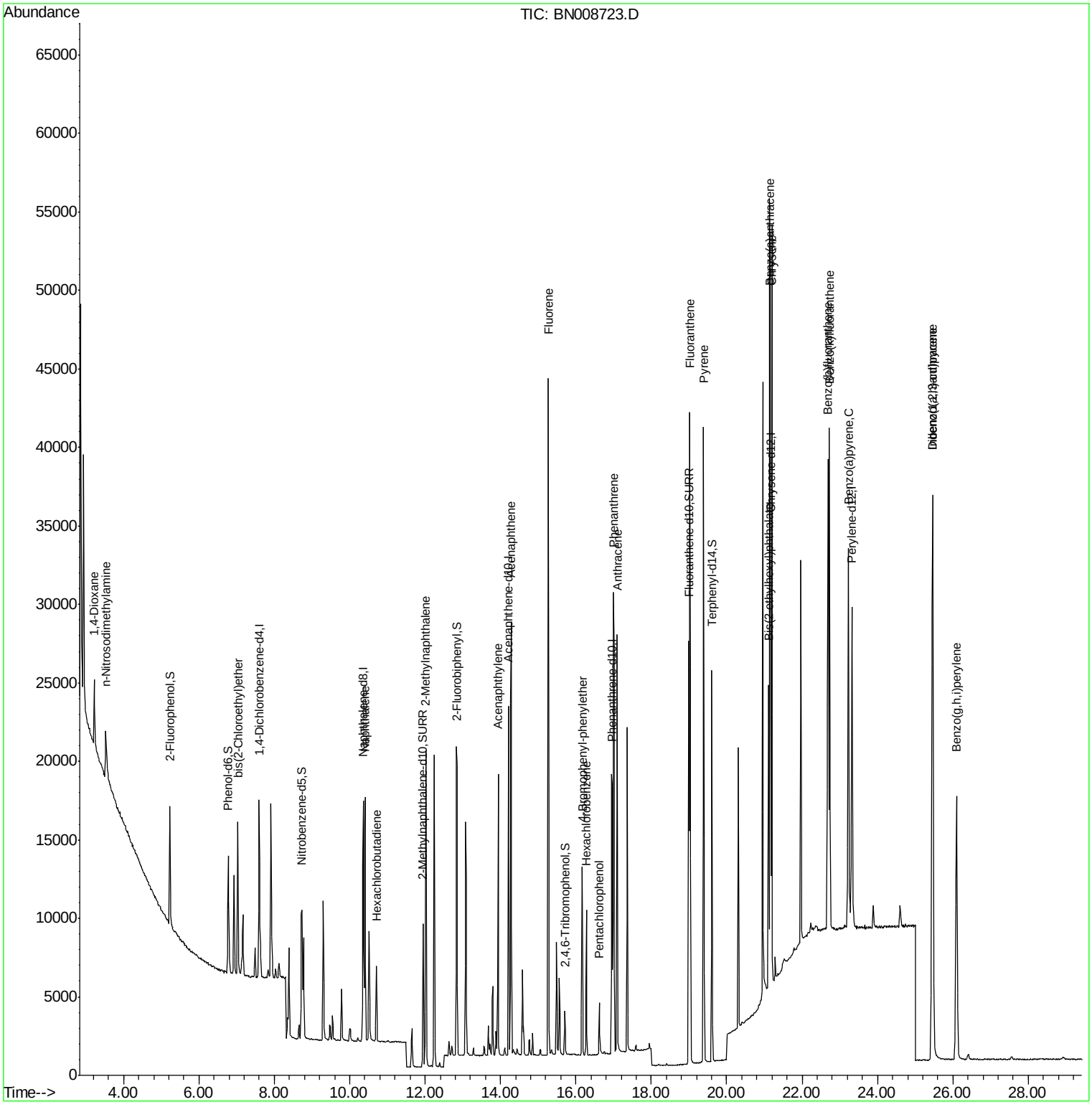
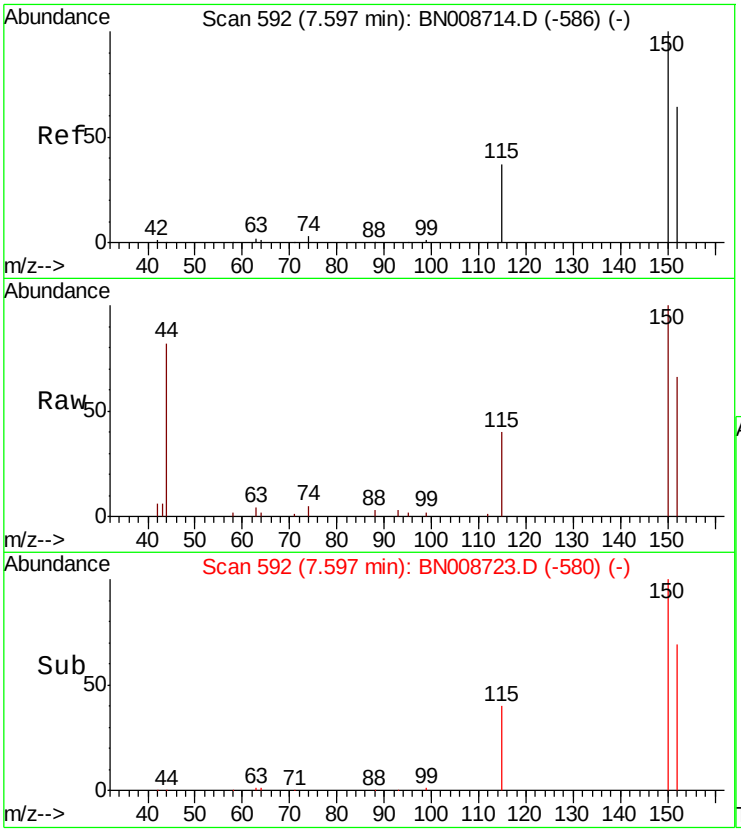
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:49:40 2019
Response via : Initial Calibration



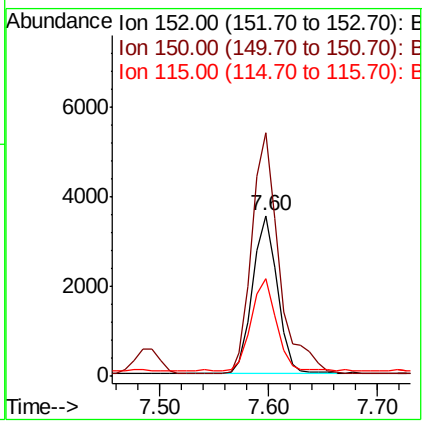


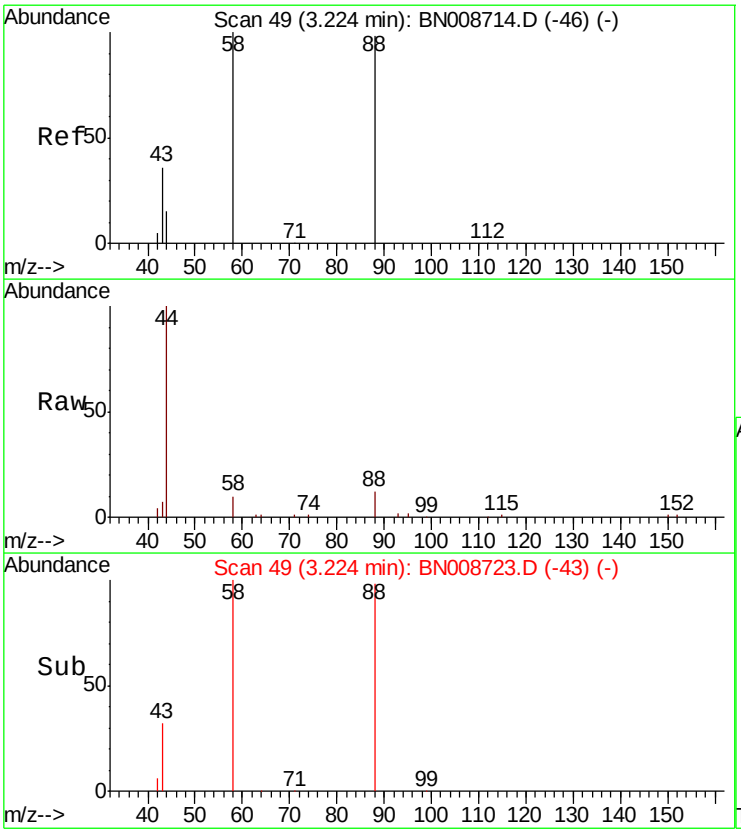
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5424

Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.0	186.0
115	60.5	49.8	74.8

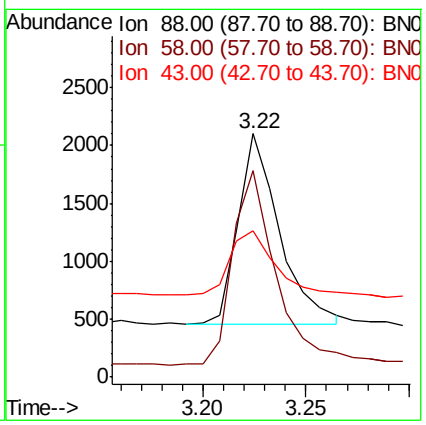


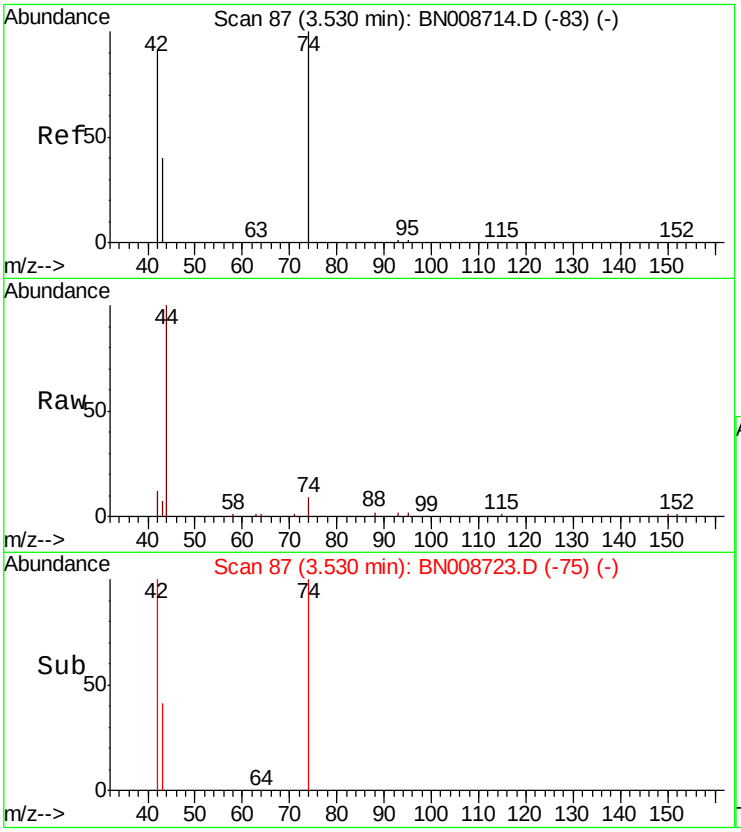


#2
1,4-Dioxane
Concen: 0.402 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion: 88 Resp: 2303

Ion	Ratio	Lower	Upper
88	100		
58	104.4	85.7	128.5
43	35.6	29.5	44.3



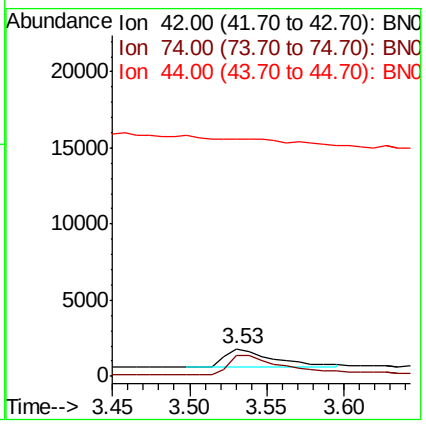


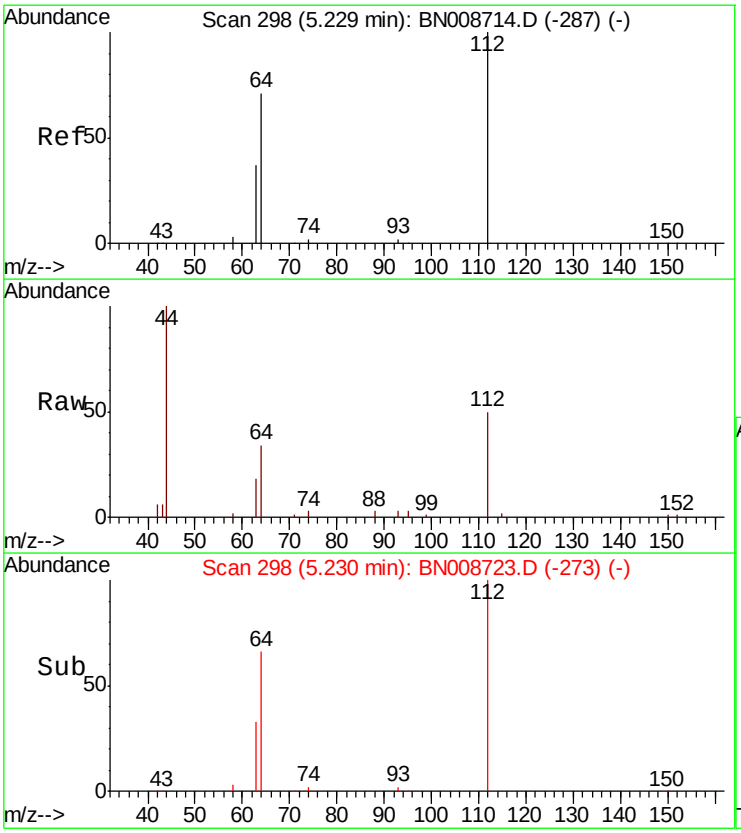
#3
n-Nitrosodimethylamine
Concen: 0.366 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2602

Ion	Ratio	Lower	Upper
42	100		
74	113.3	88.0	132.0
44	0.0	0.0	0.0

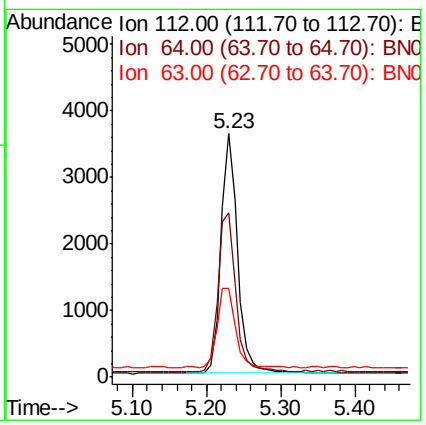


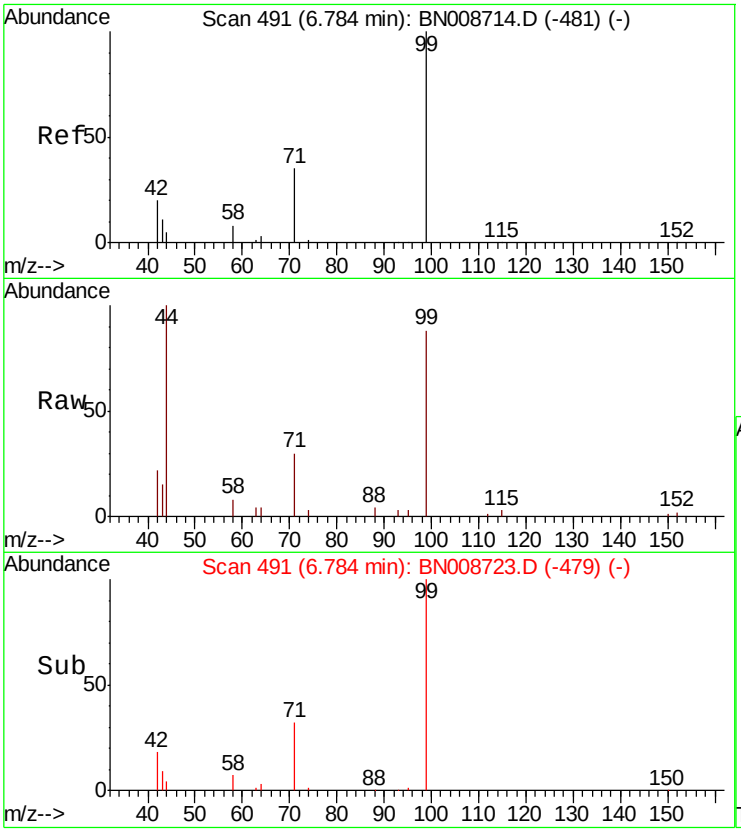


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:112 Resp: 5604

Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.1	85.7
63	36.7	29.7	44.5



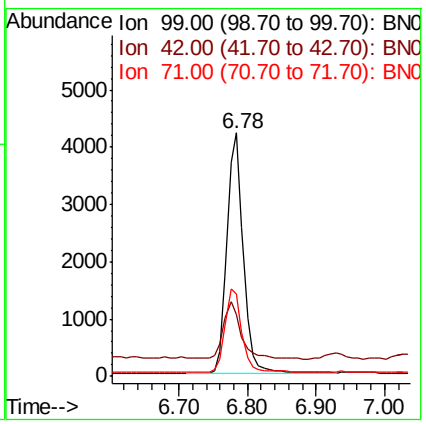


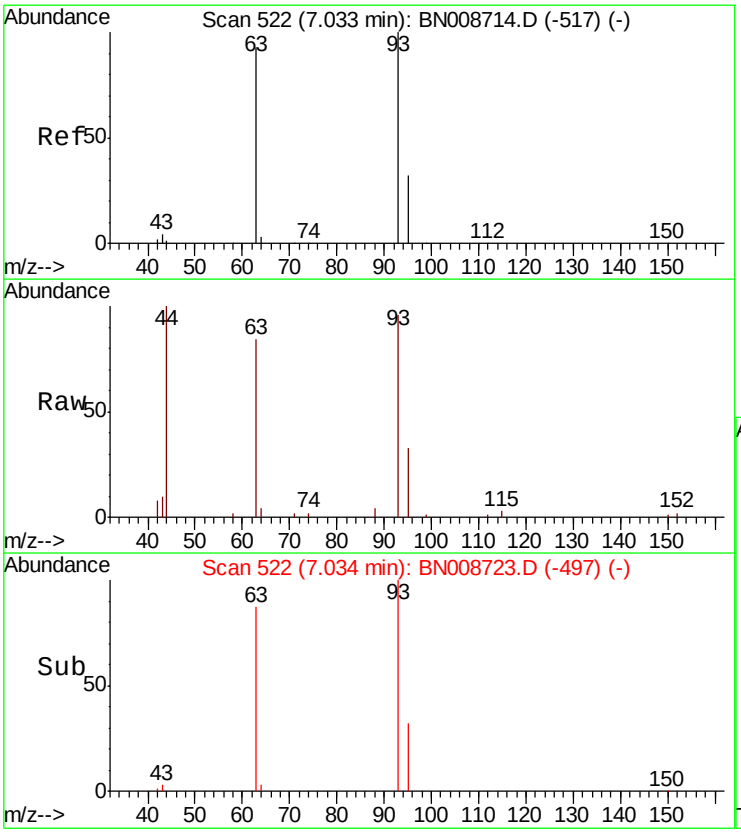
#5
Phenol-d6
Concen: 0.387 ng
RT: 6.78 min Scan# 491
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6951

Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.4	29.2
71	34.9	27.5	41.3

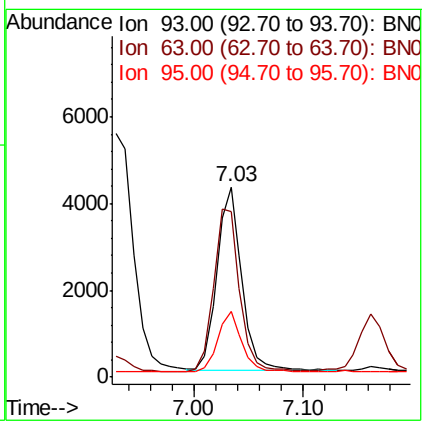


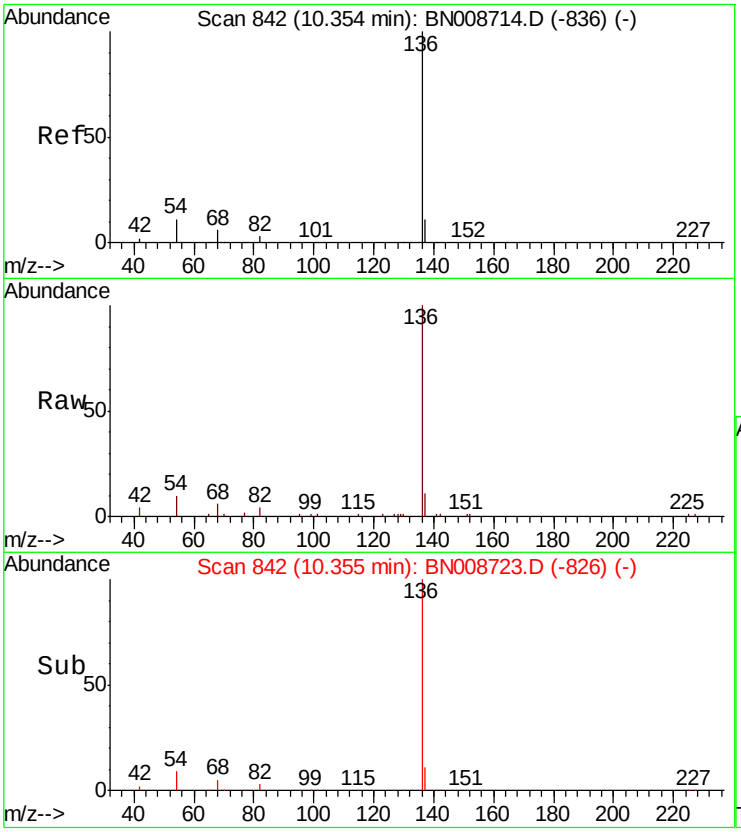


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.03 min Scan# 522
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion: 93 Resp: 6705

Ion	Ratio	Lower	Upper
93	100		
63	93.4	74.2	111.4
95	32.3	26.2	39.2



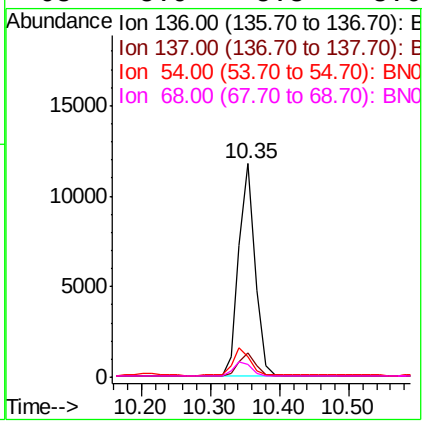


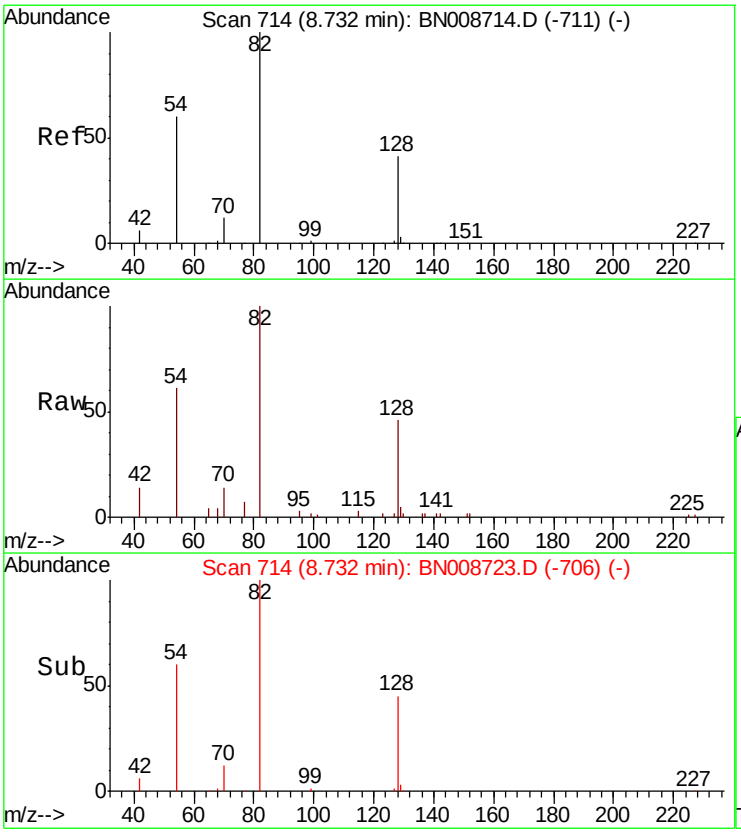
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 19562

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	9.7	9.4	14.2
68	5.9	5.8	8.6

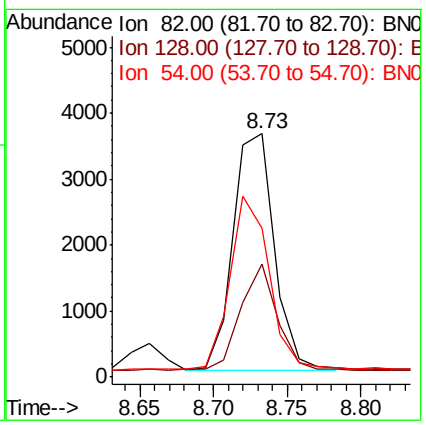


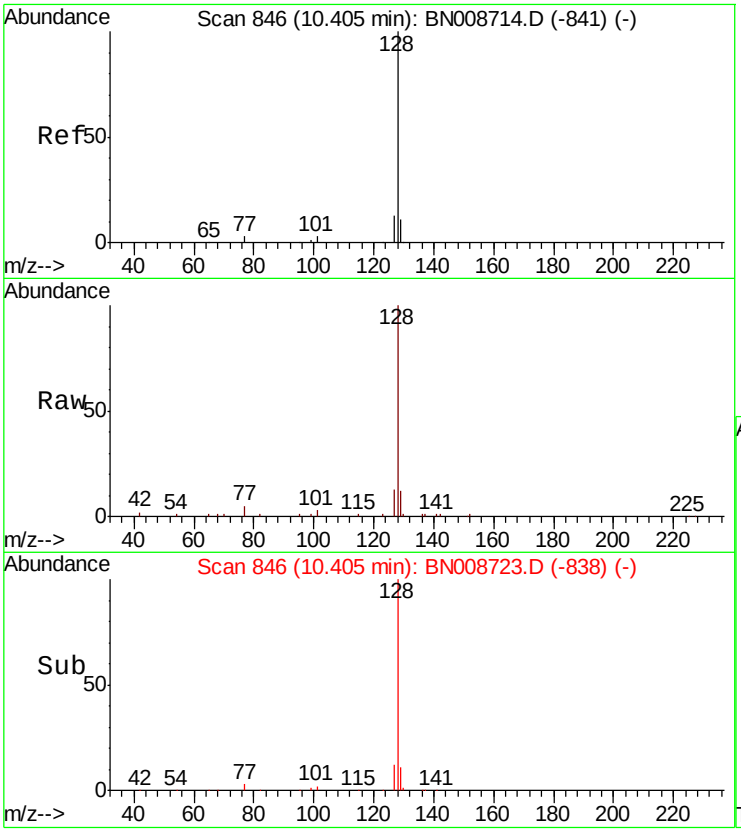


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 8.73 min Scan# 714
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion: 82 Resp: 6916

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	52.0
54	61.0	50.2	75.4



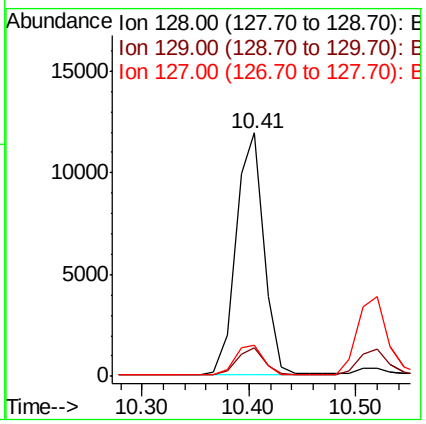


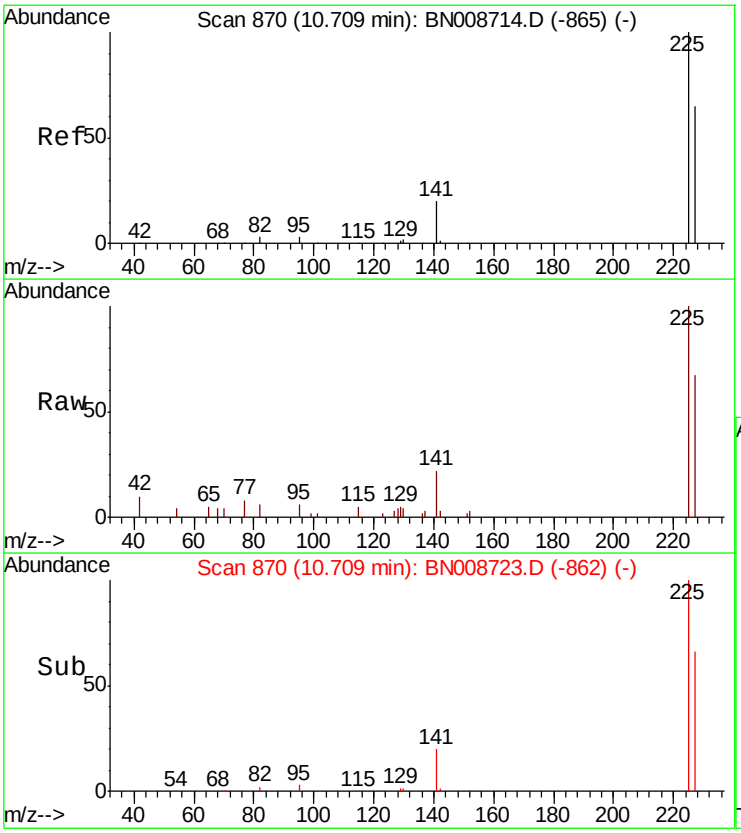
#9
Naphthalene
Concen: 0.409 ng
RT: 10.41 min Scan# 846
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 21332

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	12.9	10.5	15.7

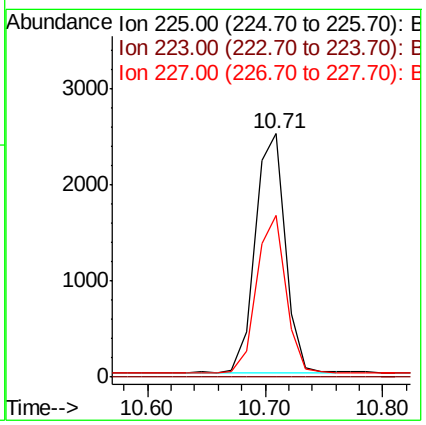


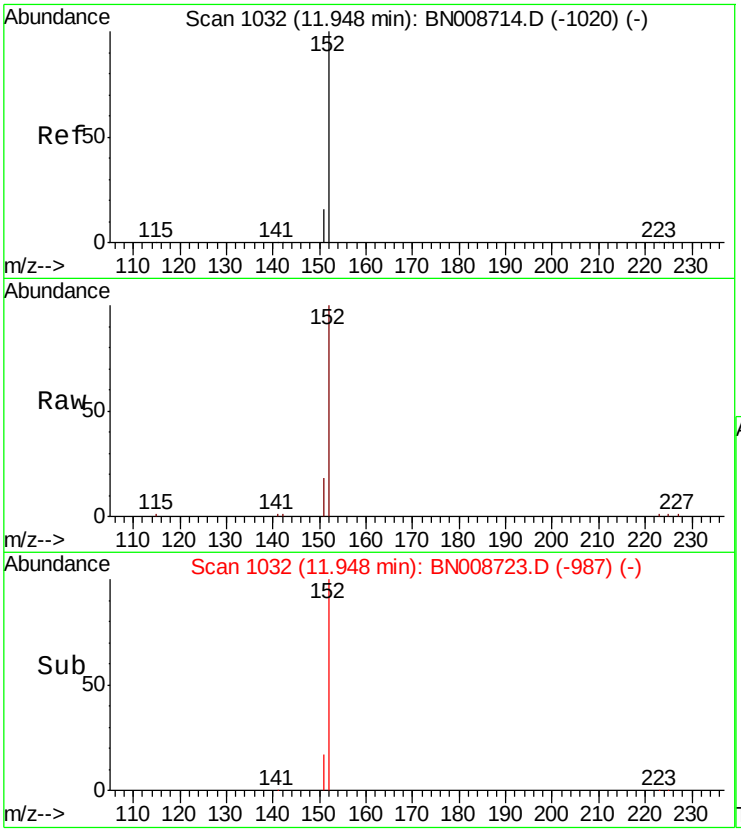


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 10.71 min Scan# 870
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:225 Resp: 4405

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.8	77.6



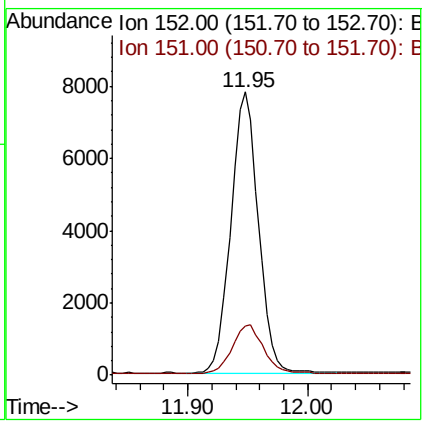


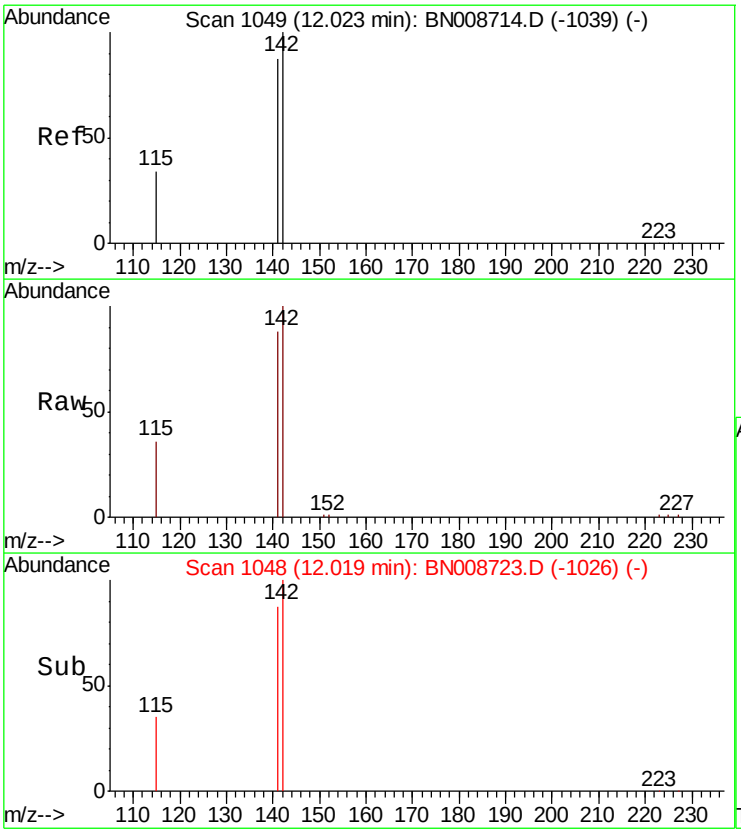
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.95 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12397

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

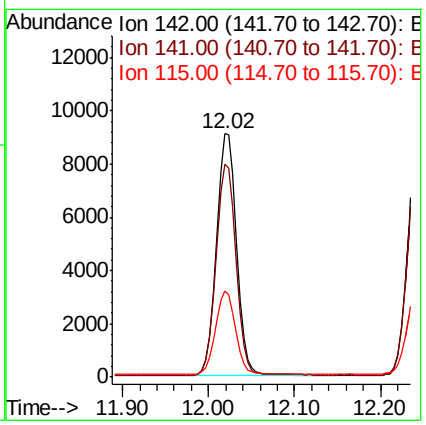


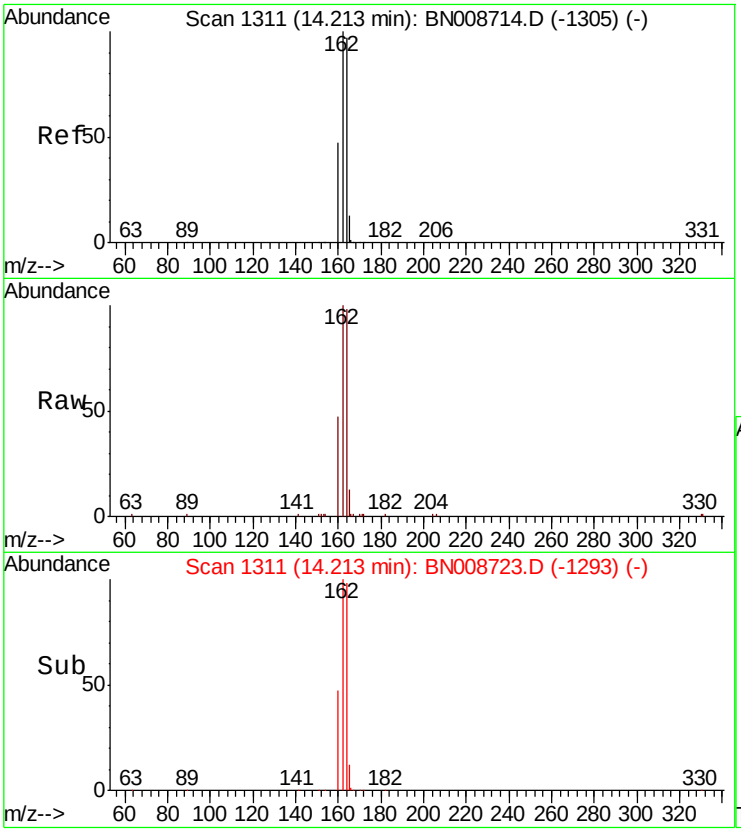


#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.02 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:142 Resp: 14612

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.6
115	35.6	28.4	42.6



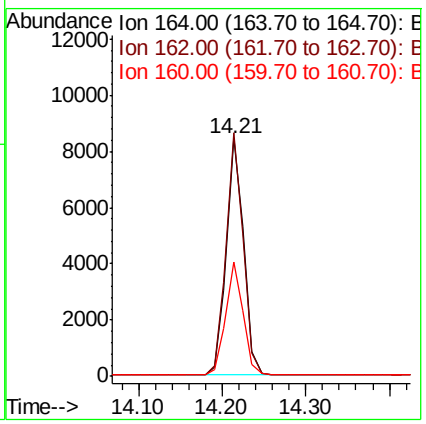


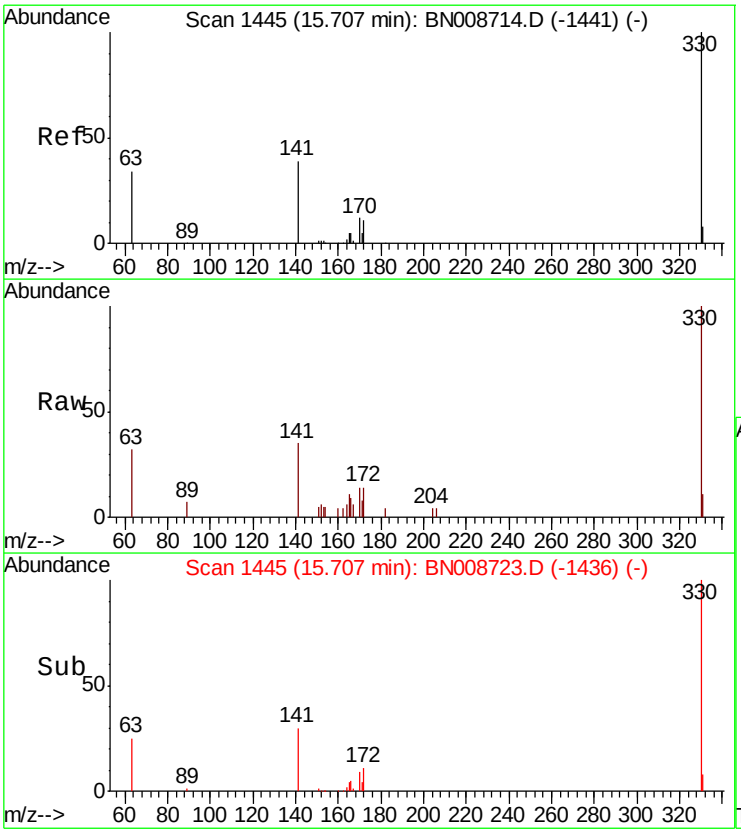
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12048

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.4
160	47.9	38.7	58.1

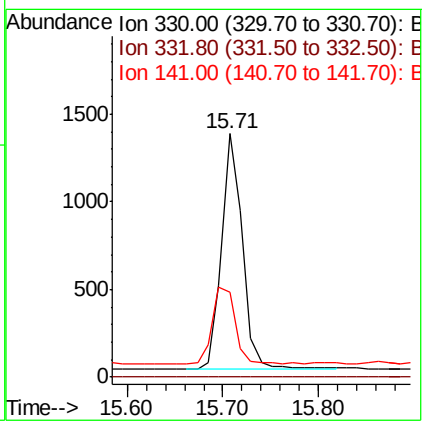


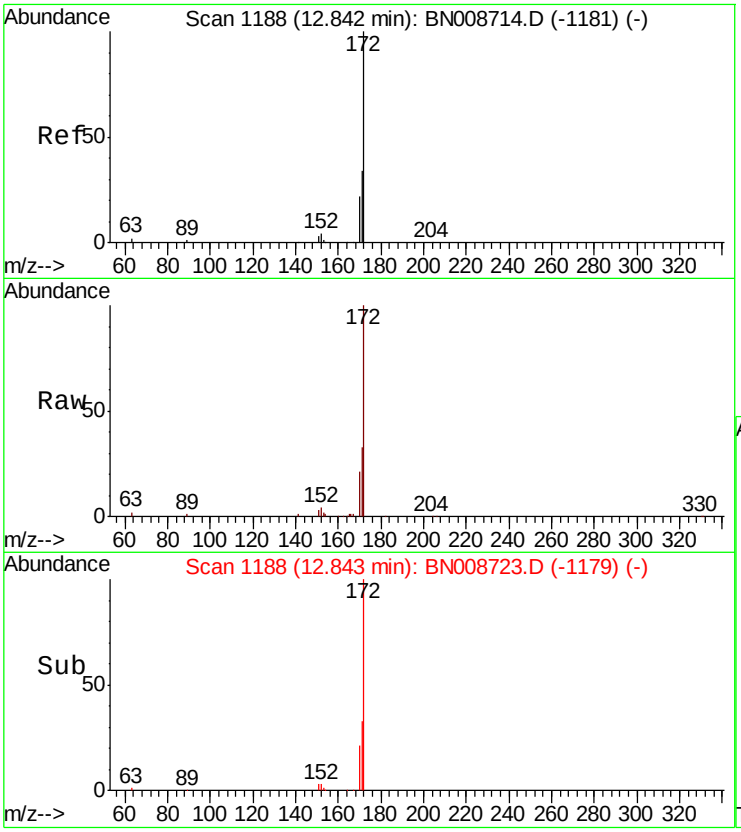


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:330 Resp: 2032

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.6	29.5	44.3



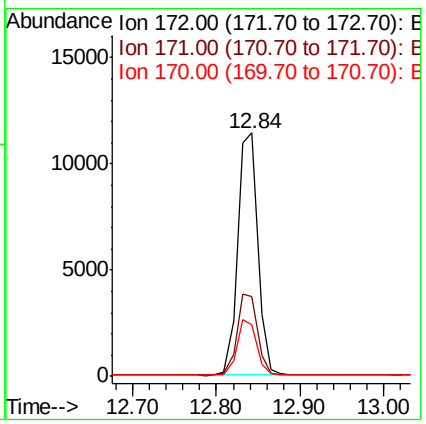


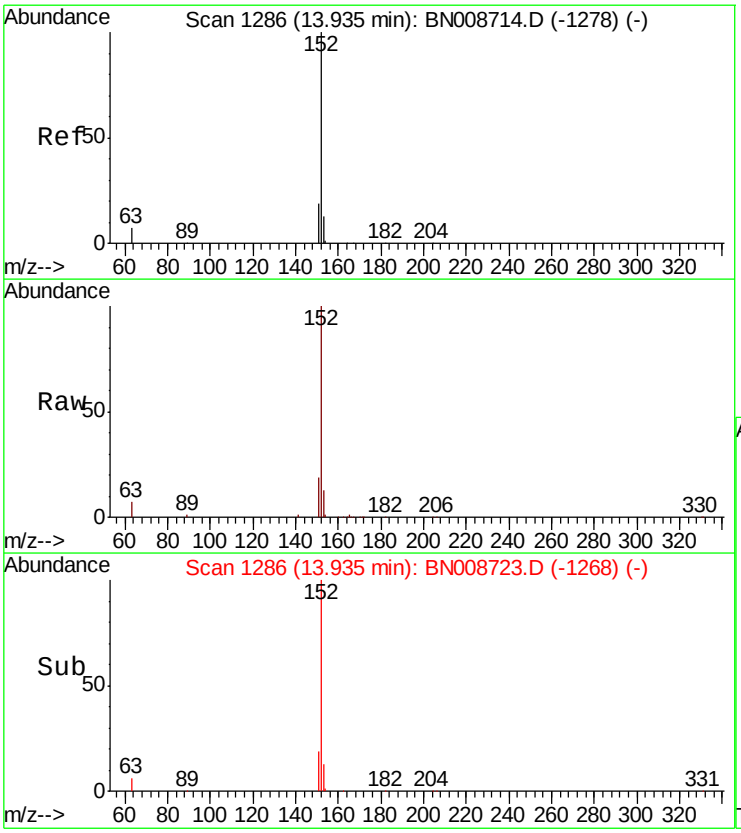
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 18997

Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.3	40.9
170	21.0	17.8	26.6

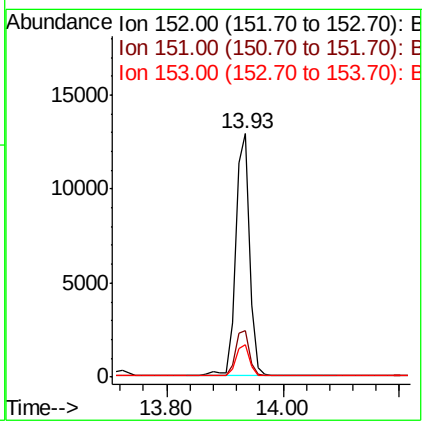


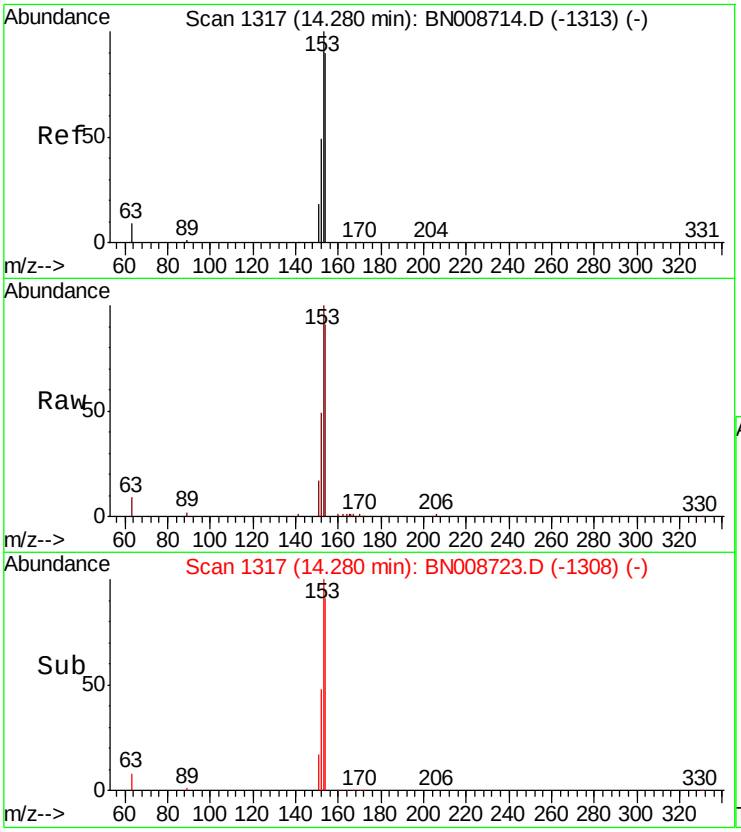


#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.93 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:152 Resp: 21574

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3
153	13.0	10.3	15.5



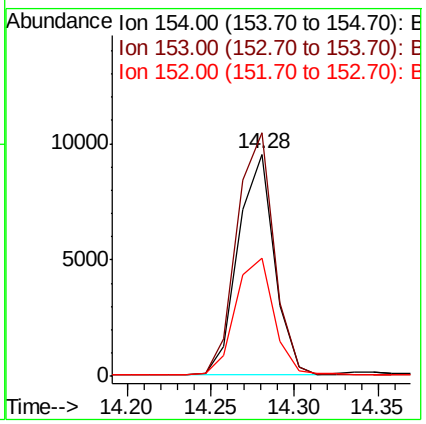


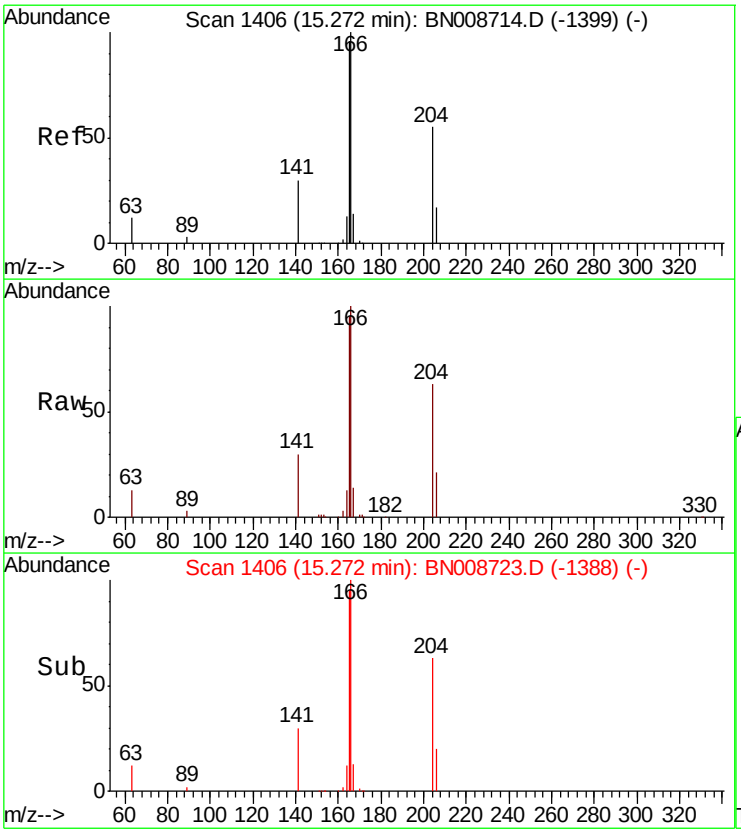
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.28 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 14244

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.6	134.4
152	56.4	44.7	67.1

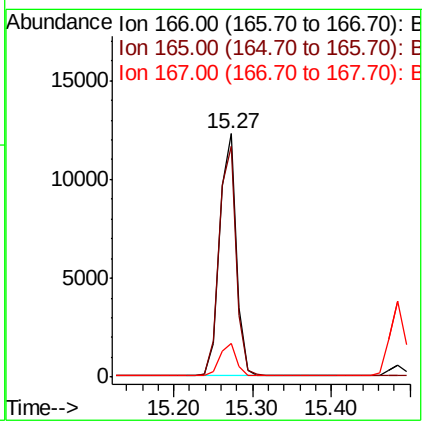


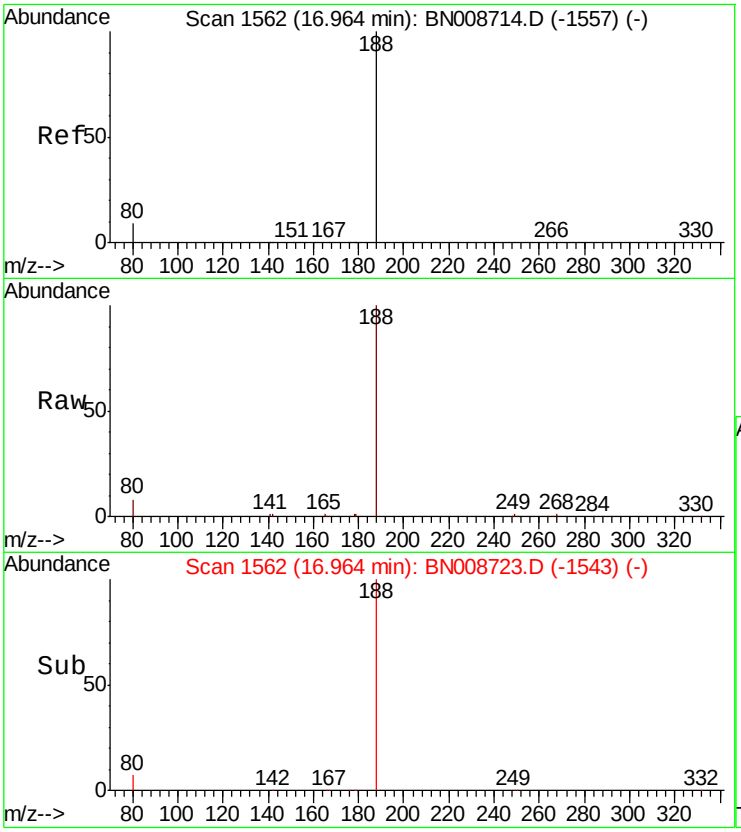


#18
Fluorene
Concen: 0.393 ng
RT: 15.27 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:166 Resp: 18381

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.7	116.5
167	13.6	10.8	16.2



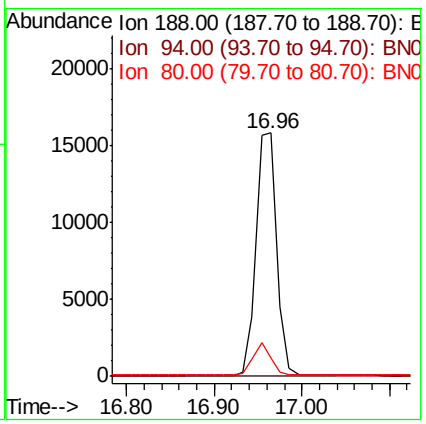


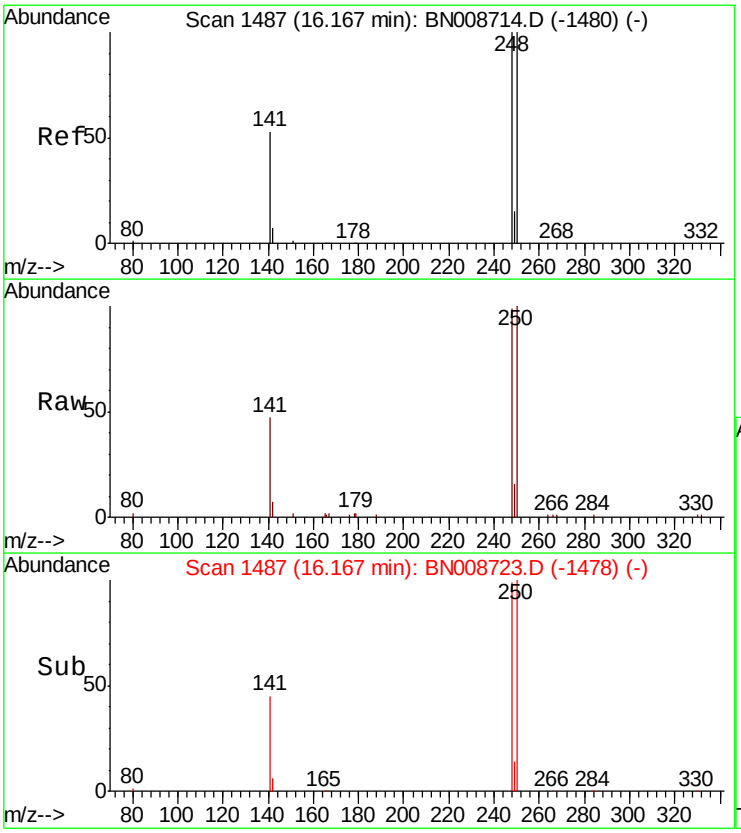
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 25854

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.4	11.0

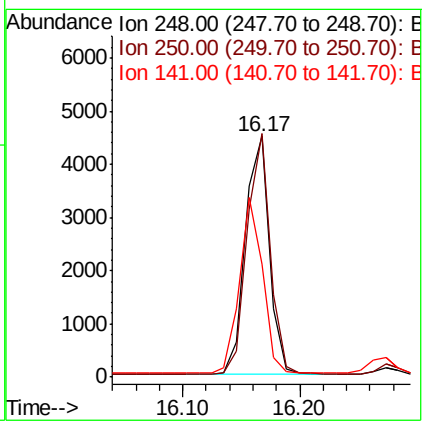


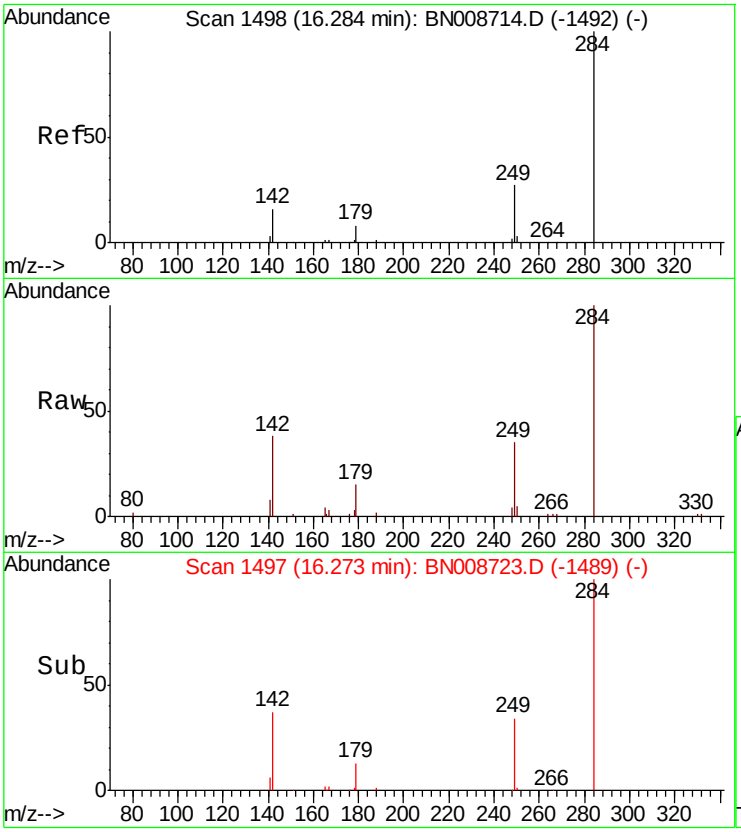


#20
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.17 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:248 Resp: 6397

Ion	Ratio	Lower	Upper
248	100		
250	101.2	80.5	120.7
141	47.1	43.8	65.6



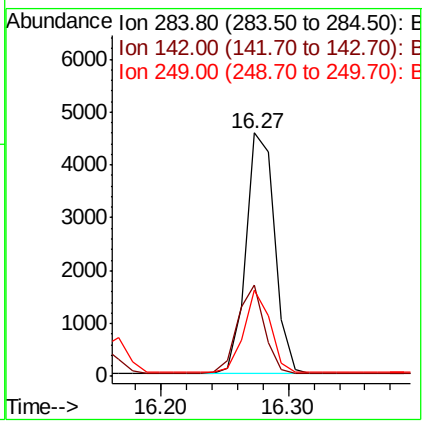


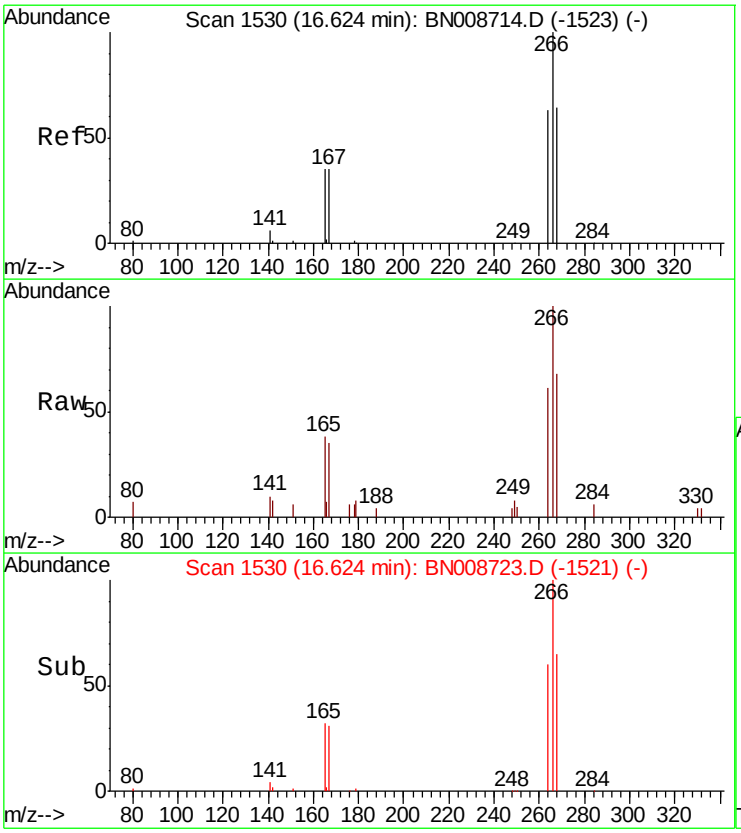
#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7143

Ion	Ratio	Lower	Upper
284	100		
142	34.5	27.4	41.0
249	31.3	25.4	38.0

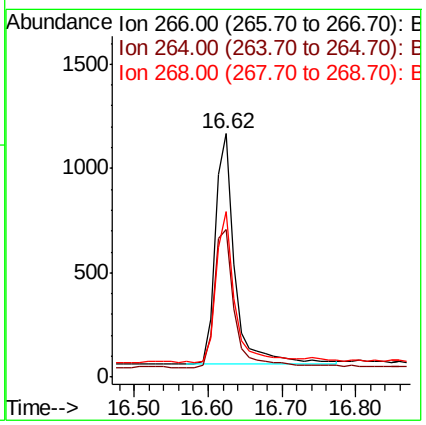


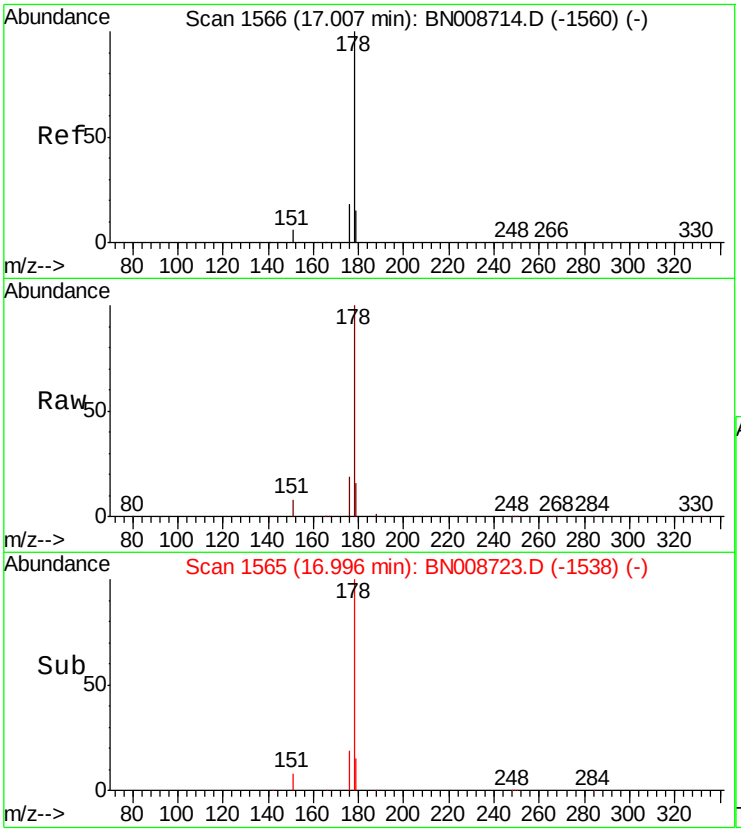


#22
Pentachlorophenol
Concen: 0.327 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:266 Resp: 2082

Ion	Ratio	Lower	Upper
266	100		
264	60.8	51.0	76.4
268	68.0	54.1	81.1



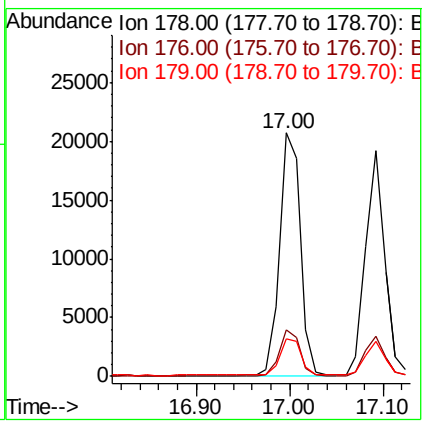


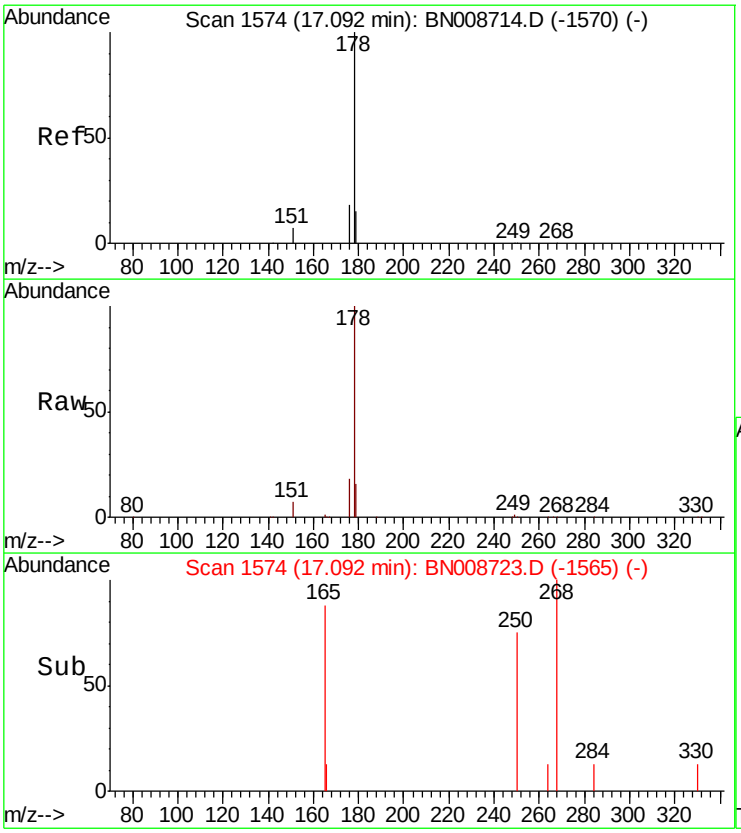
#23
Phenanthrene
Concen: 0.398 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 31758

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.6	12.3	18.5

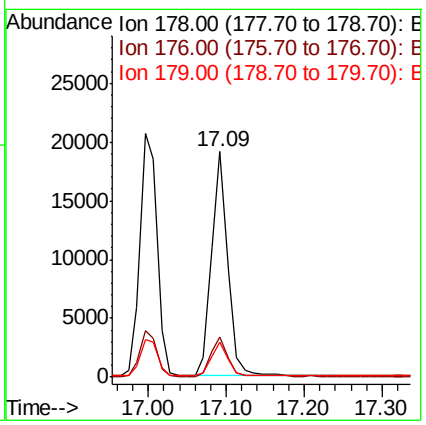


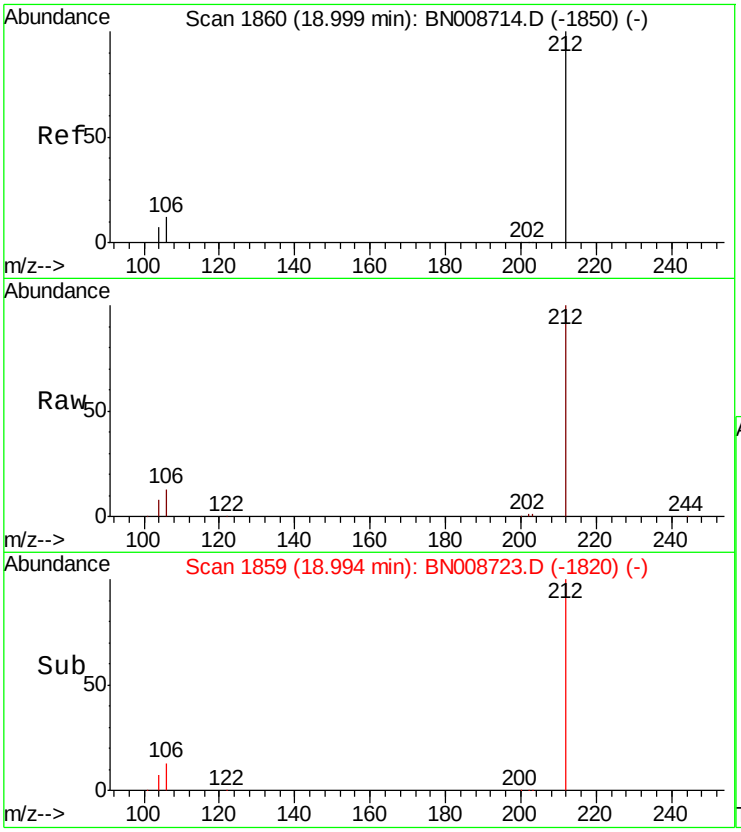


#24
Anthracene
Concen: 0.384 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:178 Resp: 27400

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.4	12.0	18.0



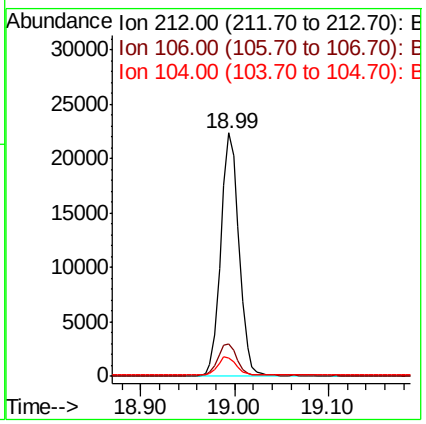


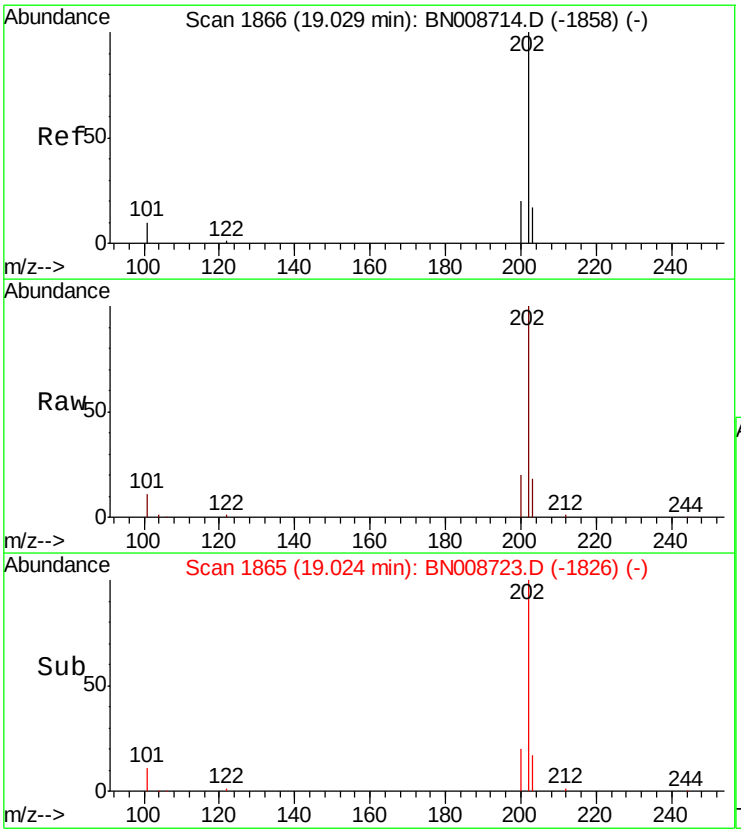
#25
Fluoranthene-d10
Concen: 0.394 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 29919

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	15.8
104	7.6	6.0	9.0

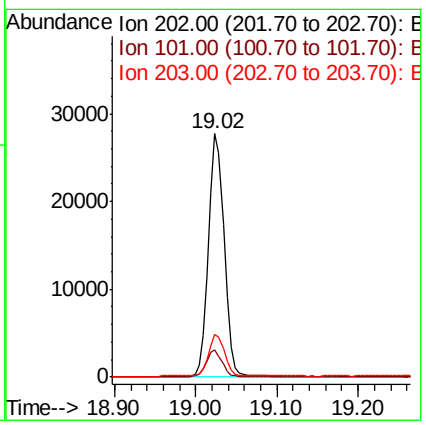


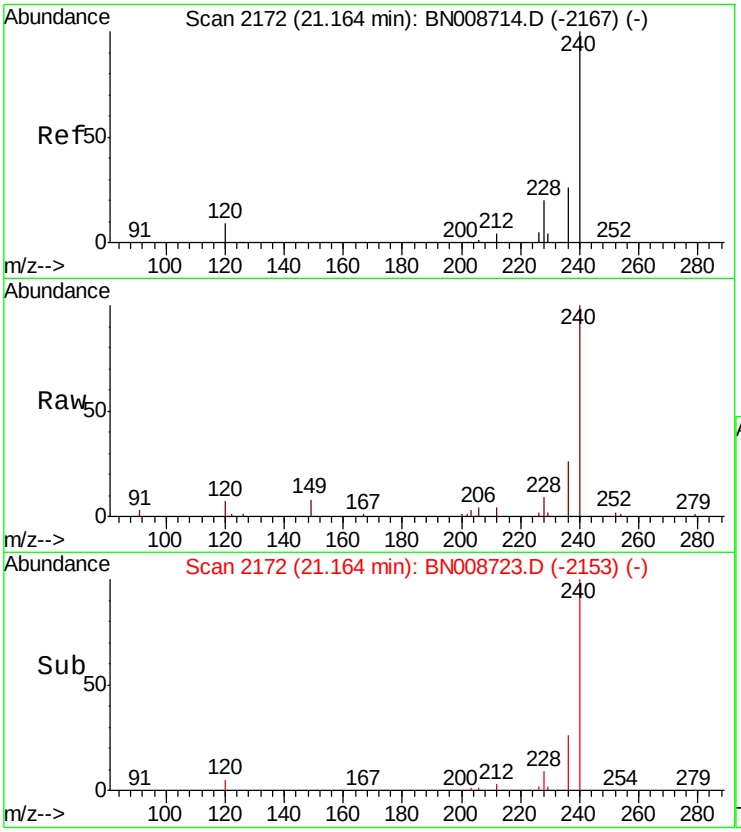


#26
Fluoranthene
Concen: 0.392 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:202 Resp: 36731

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
203	17.2	13.8	20.6



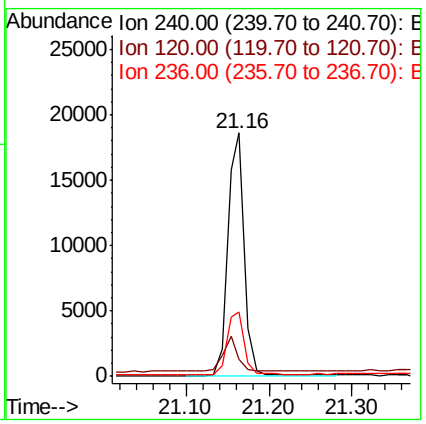


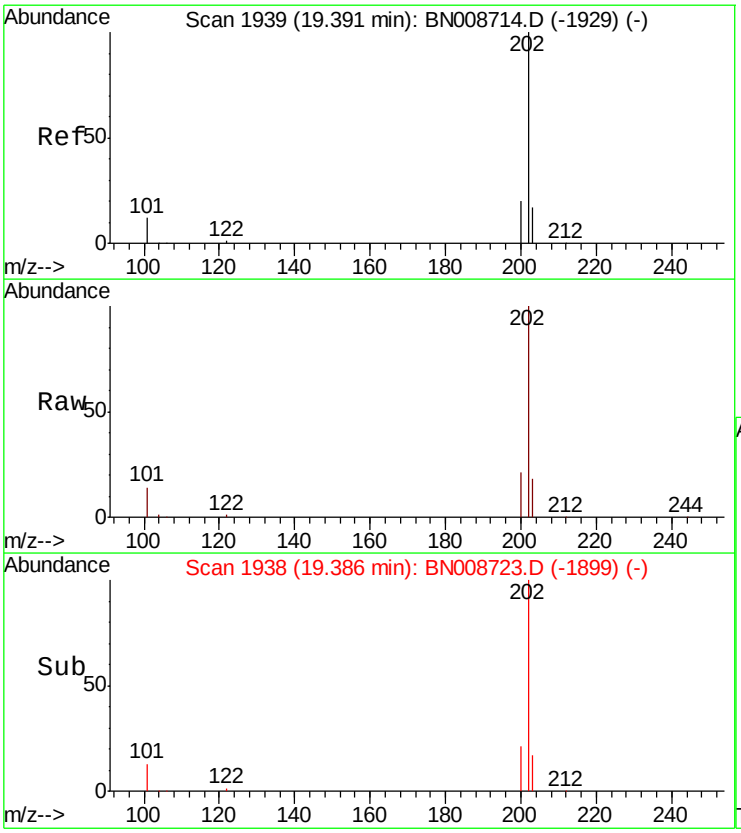
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 25954

Ion	Ratio	Lower	Upper
240	100		
120	7.1	9.0	13.4#
236	26.3	21.8	32.6

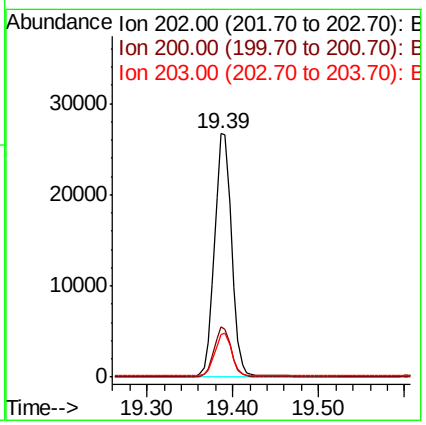


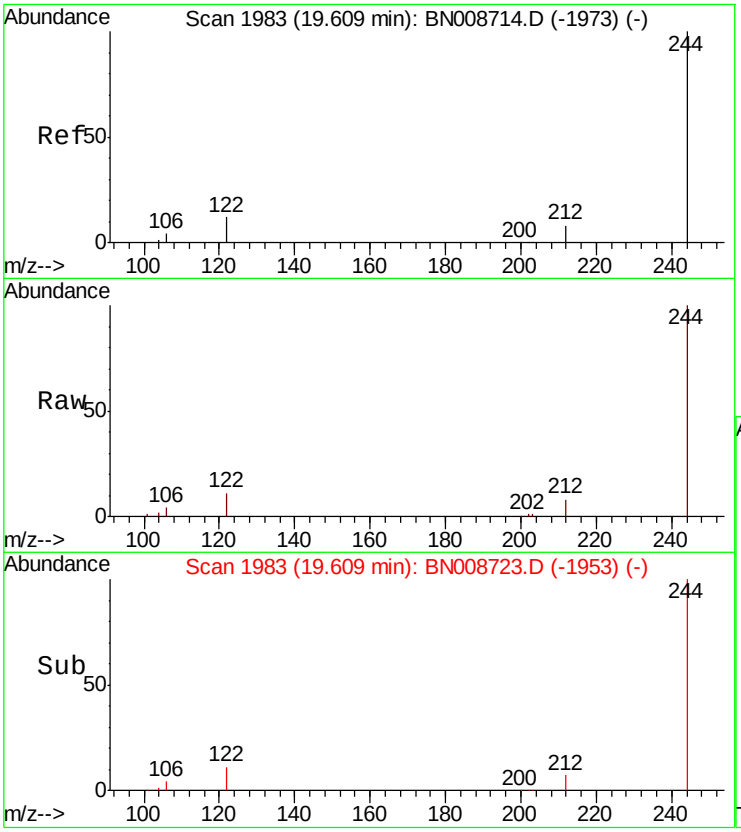


#28
Pyrene
Concen: 0.384 ng
RT: 19.39 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:202 Resp: 36822

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.5	14.0	21.0



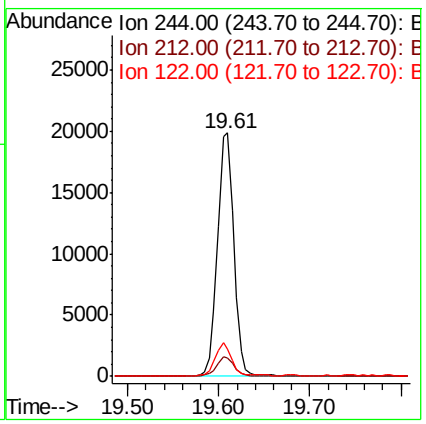


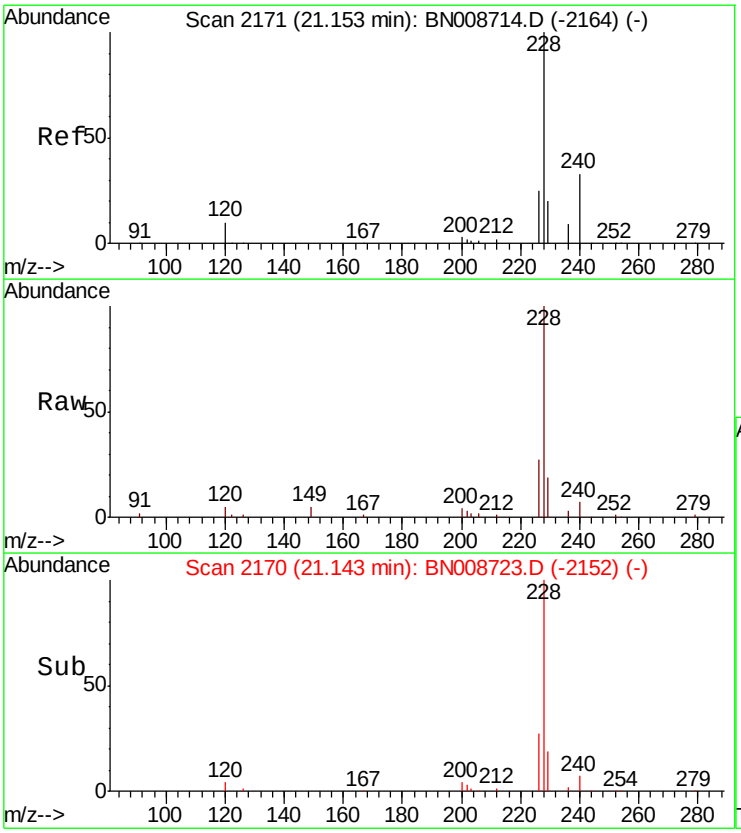
#29
Terphenyl-d14
Concen: 0.389 ng
RT: 19.61 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 24279

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	9.8
122	11.1	10.1	15.1

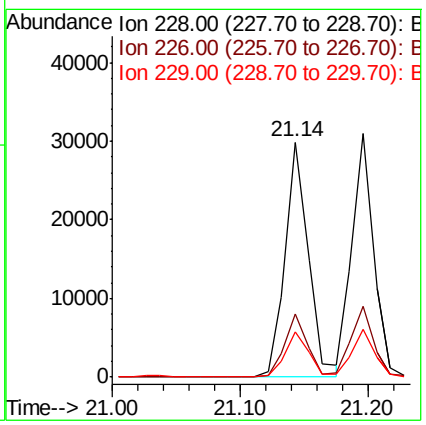


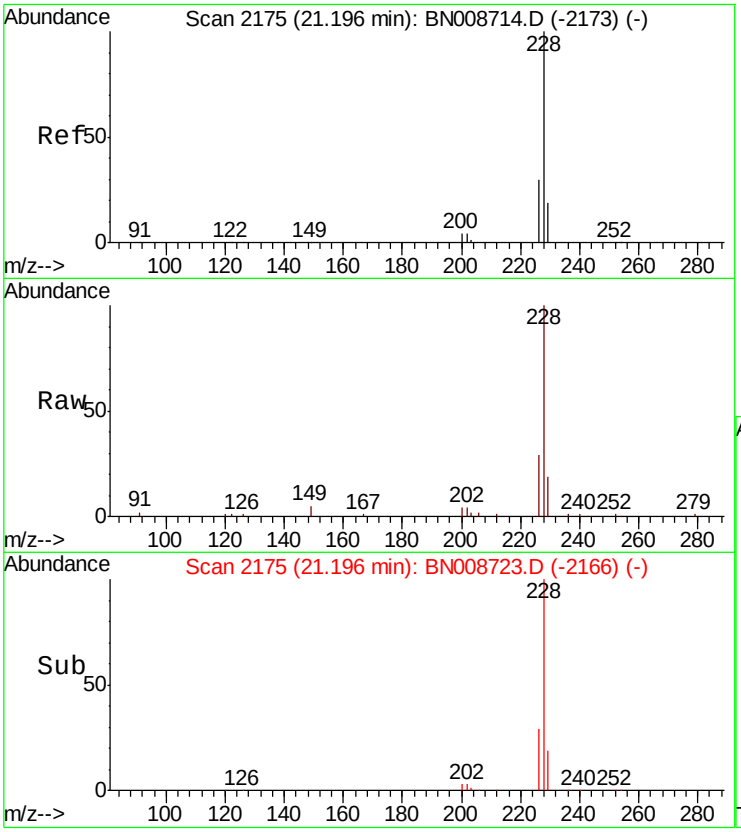


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:228 Resp: 37210

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.3	30.5
229	19.5	16.2	24.4



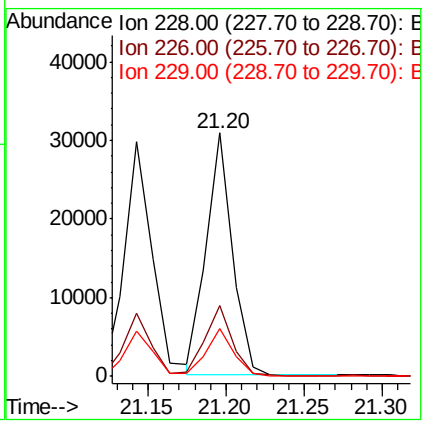


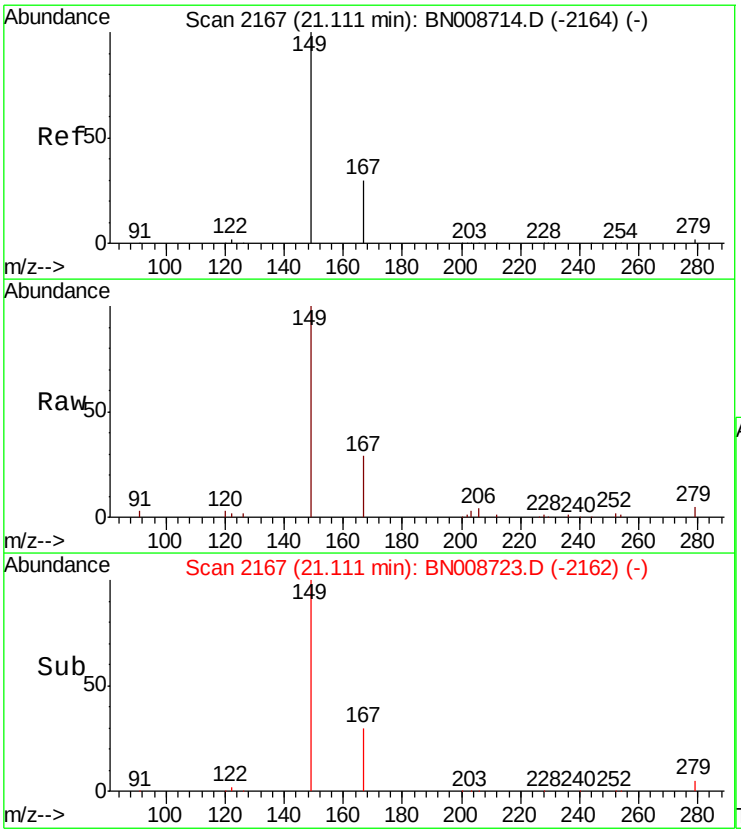
#31
Chrysene
Concen: 0.390 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 35886

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.8
229	19.4	15.4	23.0

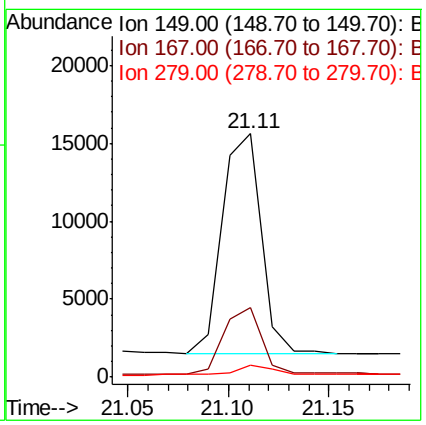


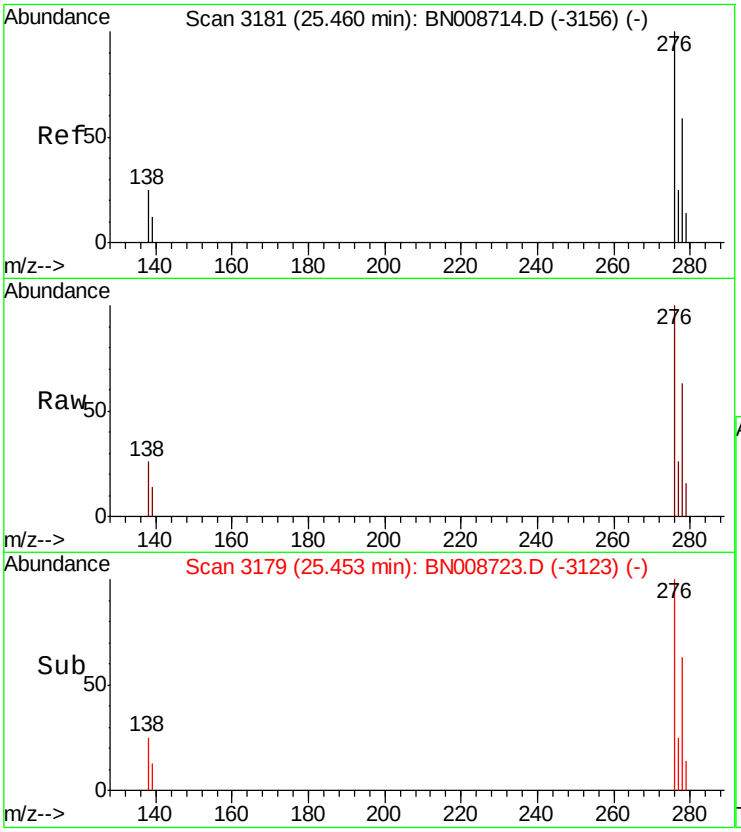


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.311 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:149 Resp: 19173

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.5	35.3
279	4.0	3.4	5.0



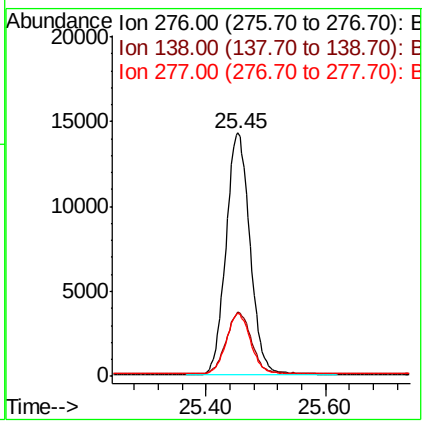


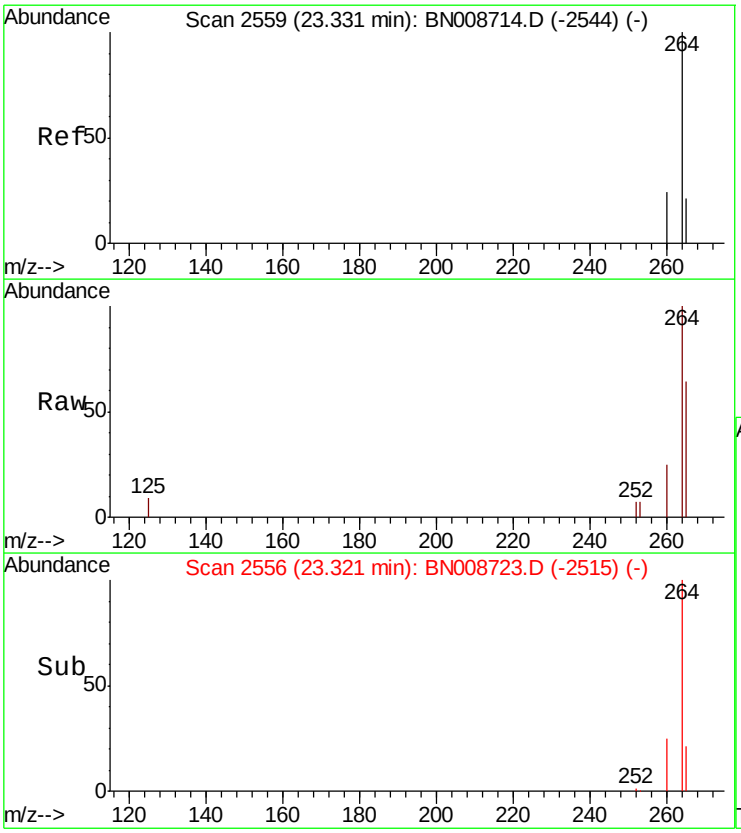
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 25.45 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 40118

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.0	31.6
277	24.8	19.9	29.9

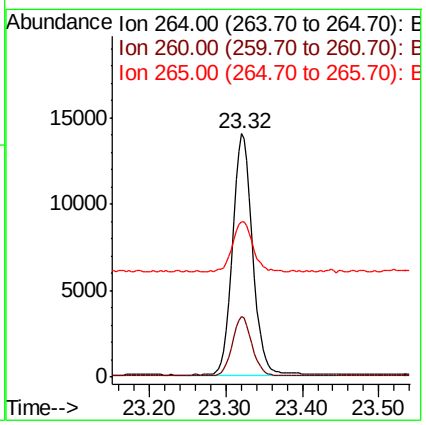


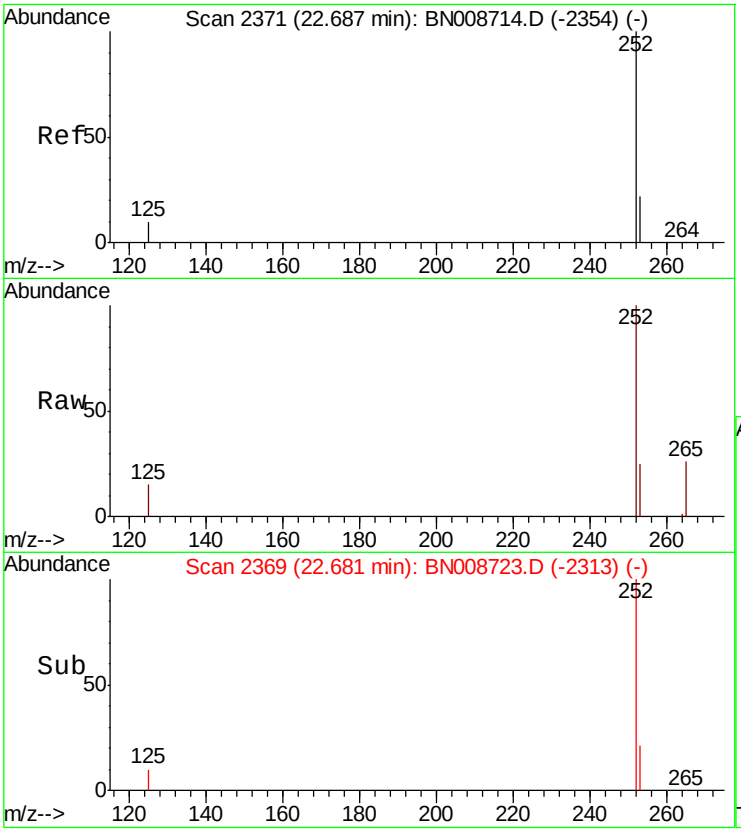


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:264 Resp: 25536

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	64.0	61.8	92.6



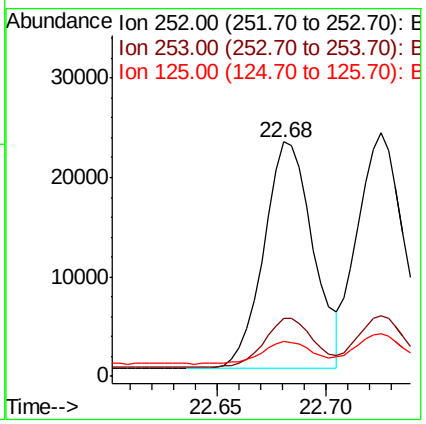


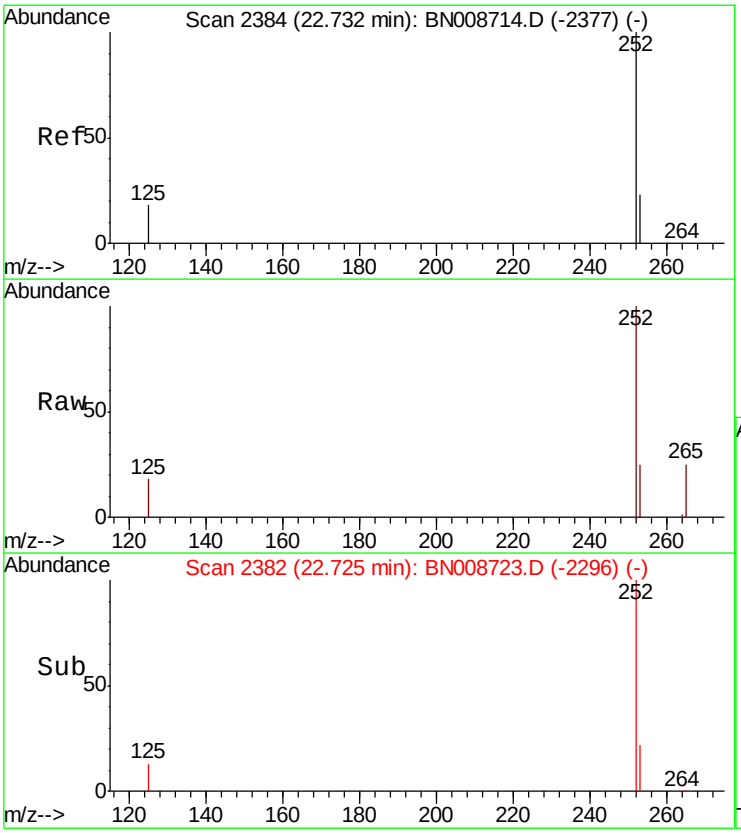
#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.68 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 35884

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.8	31.2
125	15.0	13.5	20.3

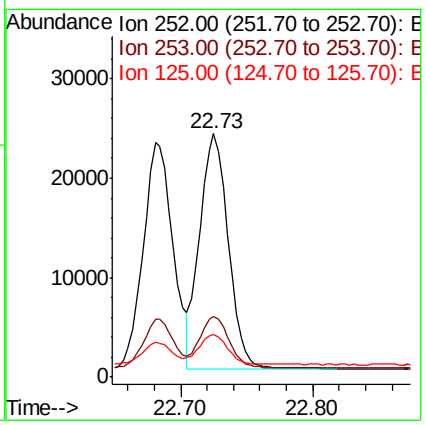


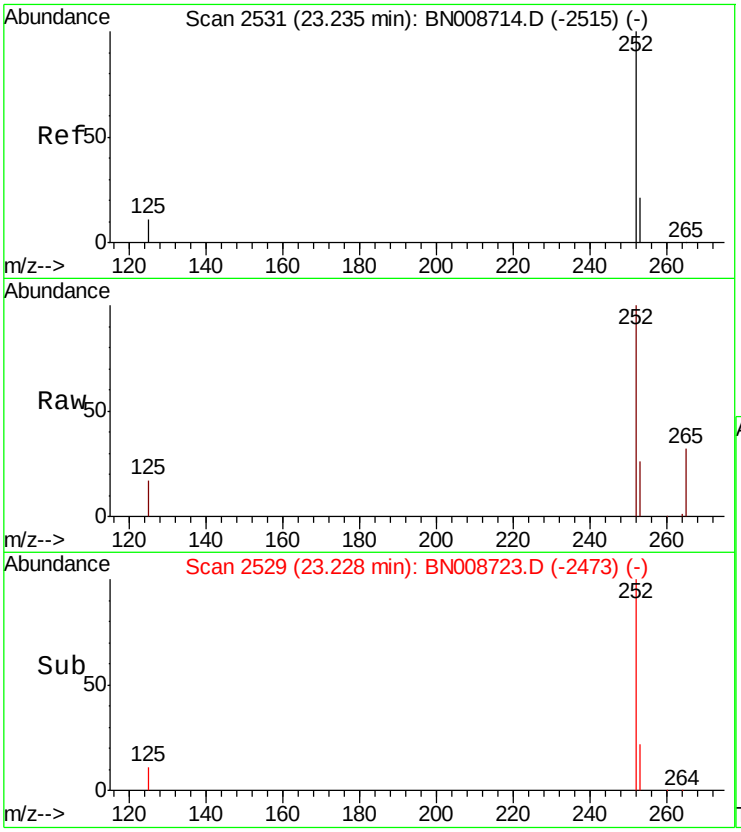


#36
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.73 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:252 Resp: 35484

Ion	Ratio	Lower	Upper
252	100		
253	25.0	21.8	32.6
125	17.6	18.2	27.4#



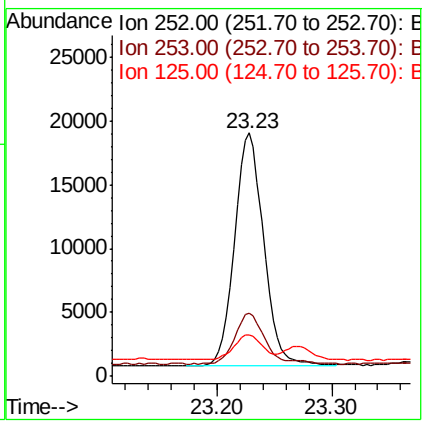


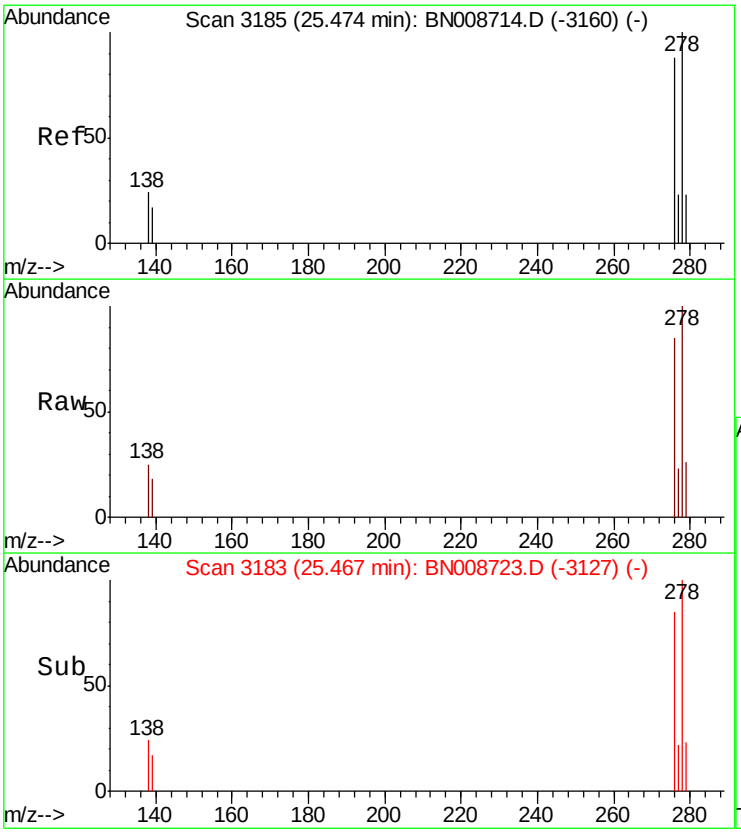
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.23 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32214

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.9	32.9
125	17.1	16.3	24.5

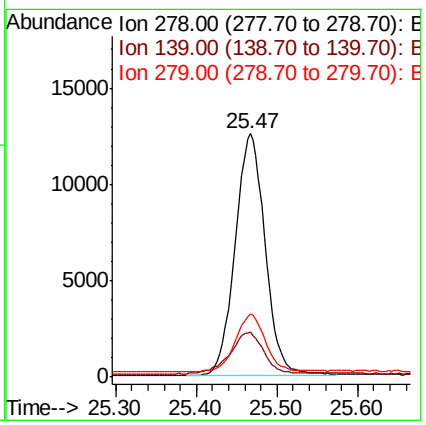


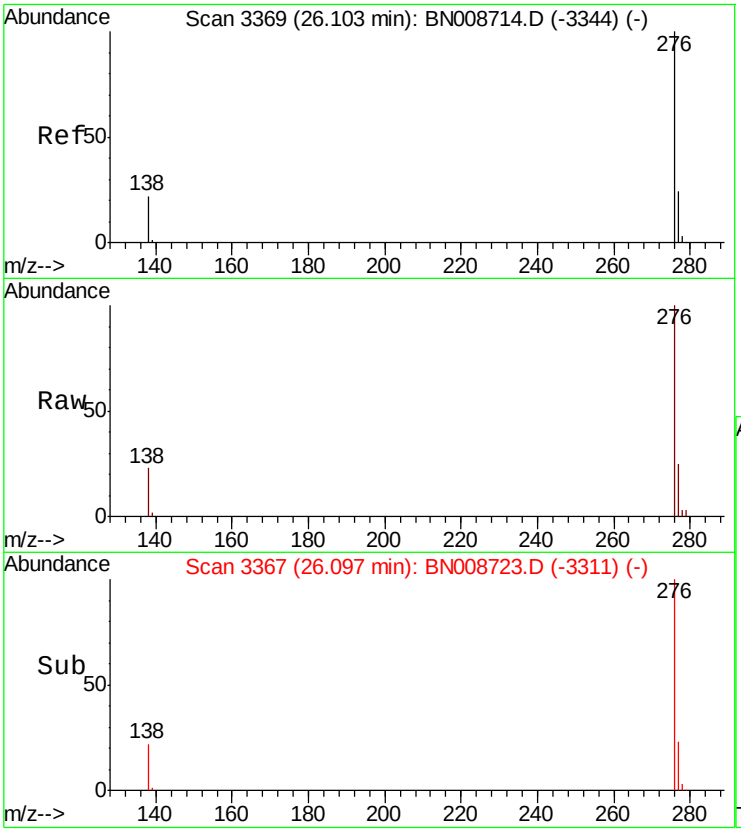


#38
Dibenzo(a,h)anthracene
Concen: 0.402 ng
RT: 25.47 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Tgt Ion:278 Resp: 32400

Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.4	23.2
279	25.7	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 26.10 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN008723.D
Acq: 23 Nov 2019 11:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 32600

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.4	30.6
138	22.9	19.2	28.8