Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021702.D
Acq On : 10 Sep 2022 17:41
Operator : CG/JU
Sample : PB147570BSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Quant Time: Sep 12 01:11:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	6492	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	21756	0.400	ng		-0.01
13) Acenaphthene-d10	14.718	164	12500	0.400	ng		0.00
19) Phenanthrene-d10	17.459	188	24666	0.400	ng		-0.01
29) Chrysene-d12	21.655	240	15033	0.400	ng		0.00
35) Perylene-d12	24.162	264	12950	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.592	112	7122	0.560	ng		0.00
5) Phenol-d6	7.217	99	9643	0.596	ng		0.00
8) Nitrobenzene-d5	9.233	82	6991	0.476	ng		0.00
11) 2-Methylnaphthalene-d10	12.478	152	21611	0.441	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1922	0.468	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	19765	0.362	ng		0.00
27) Fluoranthene-d10	19.493	212	23597	0.372	ng		0.00
31) Terphenyl-d14	20.088	244	15691	0.464	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2967	0.365	ng	#	93
3) n-Nitrosodimethylamine	3.735	42	3106	0.425	ng	#	95
6) bis(2-Chloroethyl)ether	7.477	93	8268	0.406	ng		98
9) Naphthalene	10.941	128	24389	0.378	ng		99
10) Hexachlorobutadiene	11.229	225	4075	0.365	ng	#	100
12) 2-Methylnaphthalene	12.180	142	5274	0.618	ng	#	93
16) Acenaphthylene	14.429	152	23388	0.398	ng		100
17) Acenaphthene	14.771	154	15508	0.376	ng		99
18) Fluorene	15.765	166	19464	0.382	ng		99
21) 4-Bromophenyl-phenylether	16.649	248	5880	0.381	ng	#	91
22) Hexachlorobenzene	16.762	284	6792	0.360	ng		99
23) Atrazine	16.916	200	4635	0.515	ng		97
24) Pentachlorophenol	17.111	266	1358	0.442	ng		99
25) Phenanthrene	17.501	178	31231	0.367	ng		100
26) Anthracene	17.593	178	26548	0.393	ng		99
28) Fluoranthene	19.522	202	31390	0.355	ng		99
30) Pyrene	19.885	202	32300	0.403	ng		94
32) Benzo(a)anthracene	21.637	228	23191	0.443	ng		100
33) Chrysene	21.691	228	23172	0.372	ng		100
34) Bis(2-ethylhexyl)phtha...	21.548	149	17162	0.814	ng		100
36) Indeno(1,2,3-cd)pyrene	26.808	276	20546	0.351	ng		99
37) Benzo(b)fluoranthene	23.390	252	19807	0.310	ng	#	92
38) Benzo(k)fluoranthene	23.442	252	19595	0.305	ng	#	91
39) Benzo(a)pyrene	24.051	252	16762	0.376	ng	#	84
40) Dibenzo(a,h)anthracene	26.831	278	16247	0.345	ng		98
41) Benzo(g,h,i)perylene	27.623	276	17233	0.334	ng		98

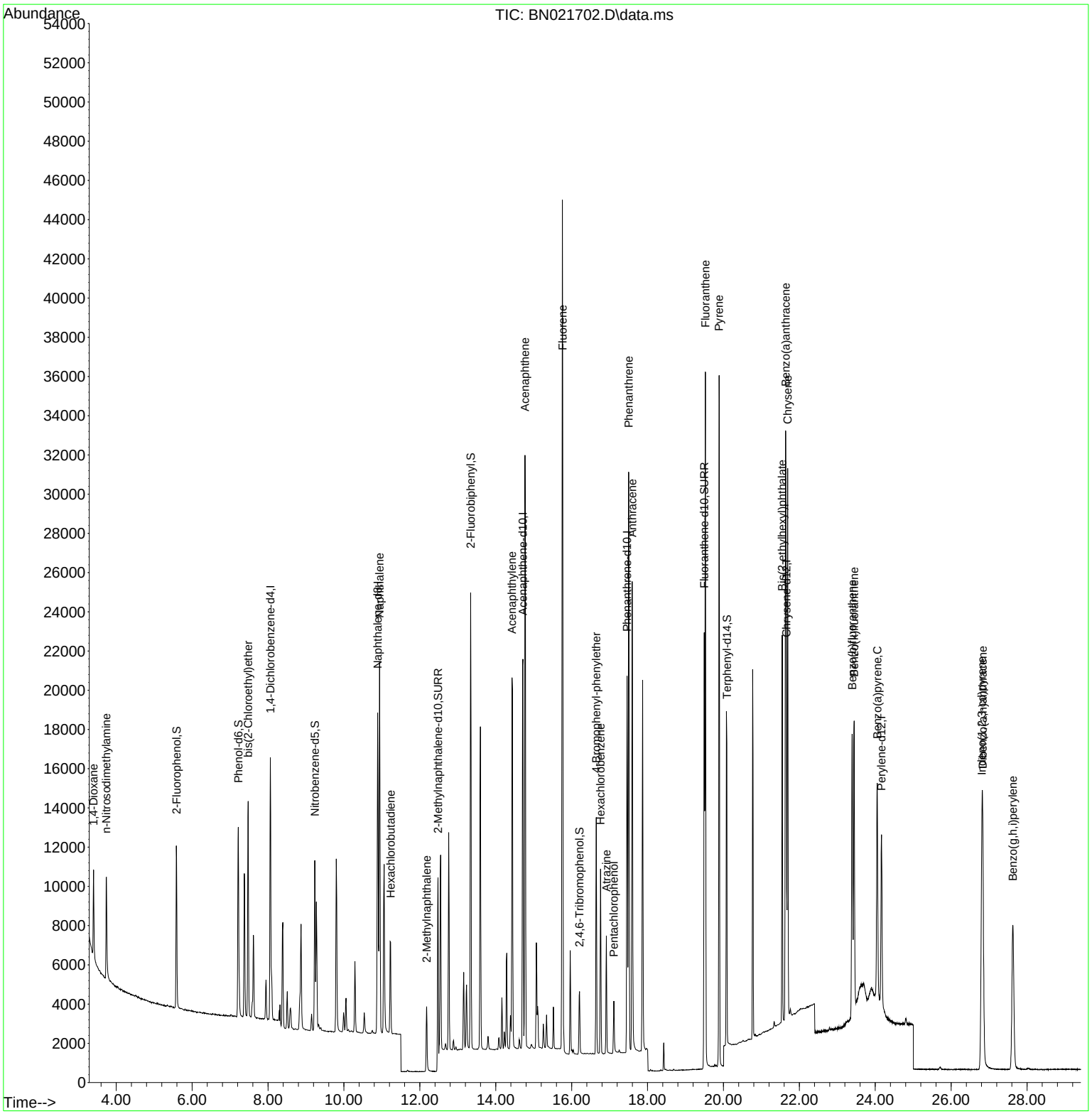
(#) = qualifier out of range (m) = manual integration (+) = signals summed

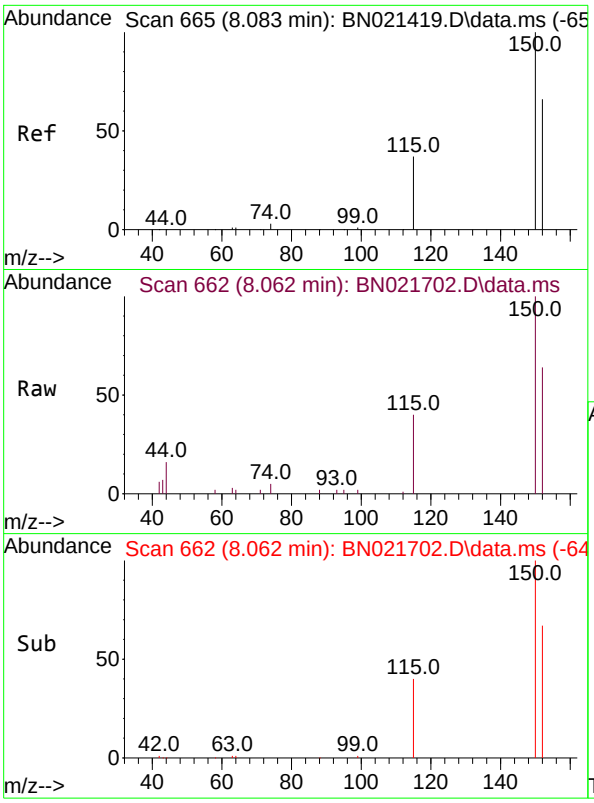
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021702.D
Acq On : 10 Sep 2022 17:41
Operator : CG/JU
Sample : PB147570BSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Quant Time: Sep 12 01:11:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



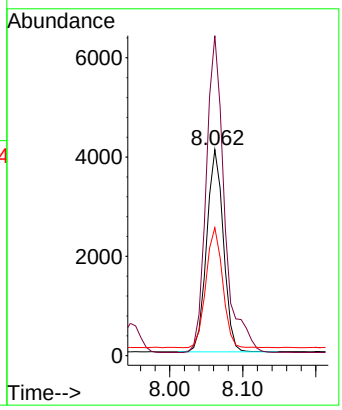


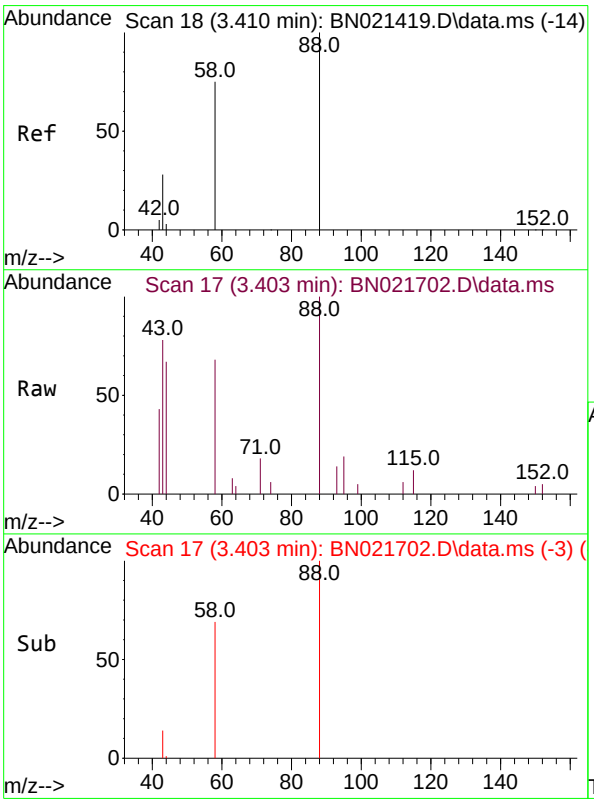
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:152 Resp: 6492

Ion	Ratio	Lower	Upper
152	100		
150	155.3	121.4	182.0
115	62.1	48.6	72.8

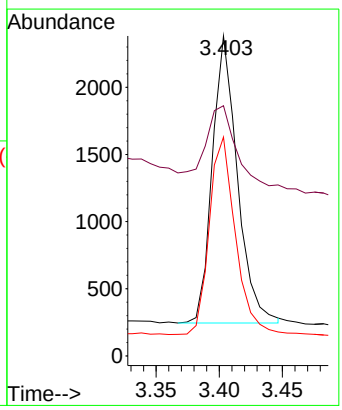


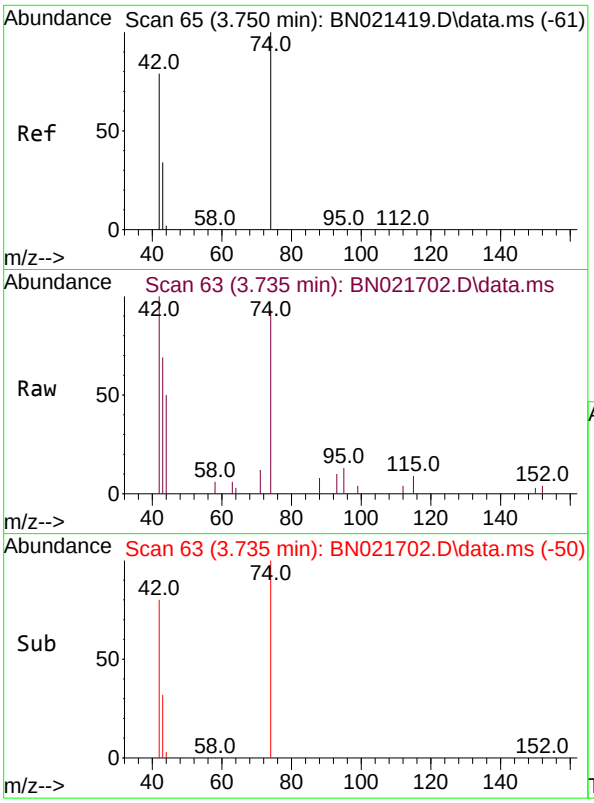


#2
1,4-Dioxane
Concen: 0.365 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion: 88 Resp: 2967

Ion	Ratio	Lower	Upper
88	100		
43	33.5	35.8	53.8#
58	71.3	57.1	85.7



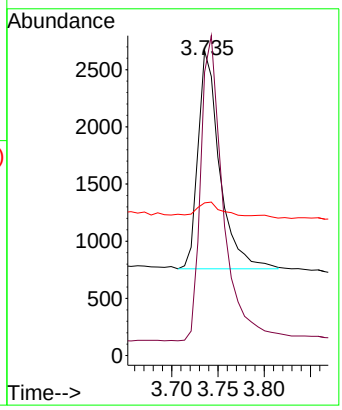


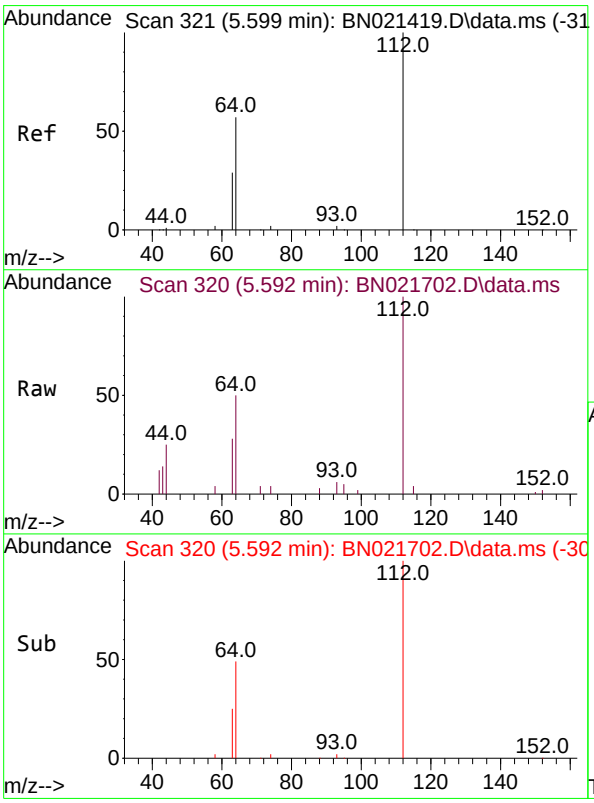
#3
n-Nitrosodimethylamine
Concen: 0.425 ng
RT: 3.735 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion: 42 Resp: 3106

Ion	Ratio	Lower	Upper
42	100		
74	145.3	113.0	169.6
44	6.0	10.5	15.7#

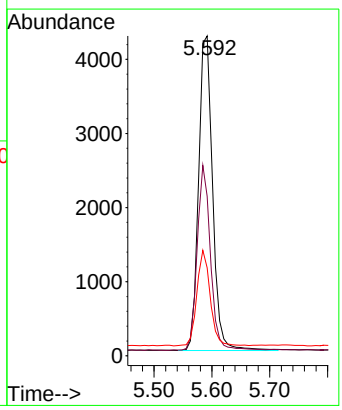


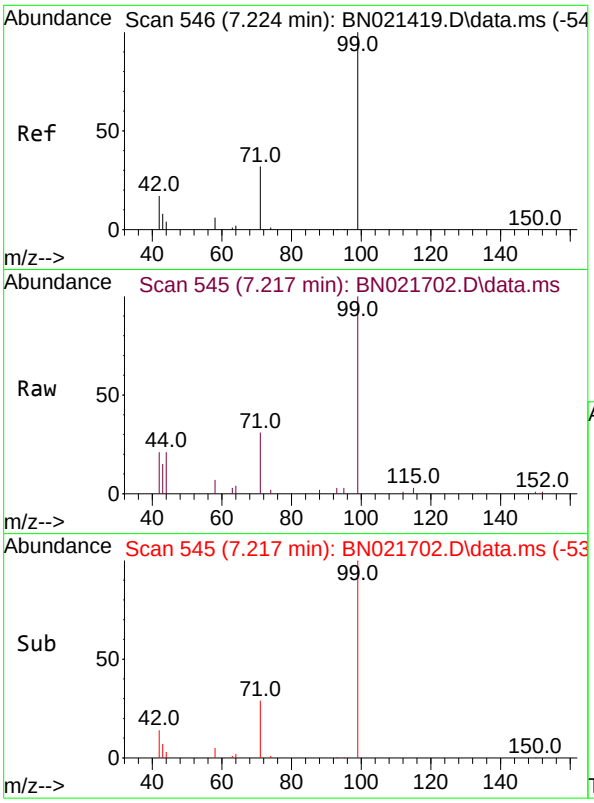


#4
2-Fluorophenol
Concen: 0.560 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:112 Resp: 7122

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.5	65.3
63	28.9	22.6	34.0



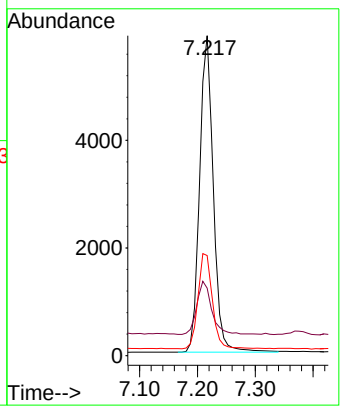


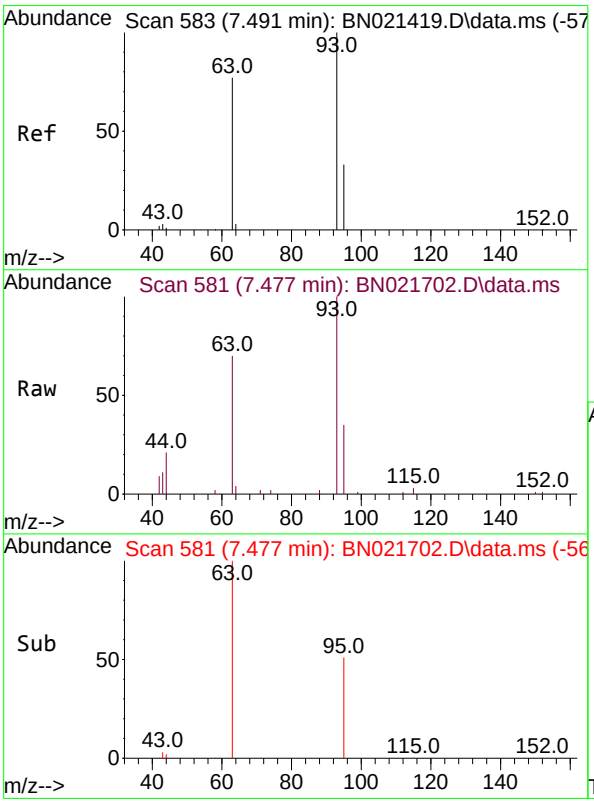
#5
Phenol-d6
Concen: 0.596 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion: 99 Resp: 9643

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.5	23.3
71	31.3	24.2	36.2

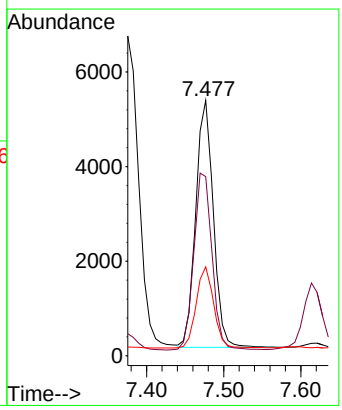


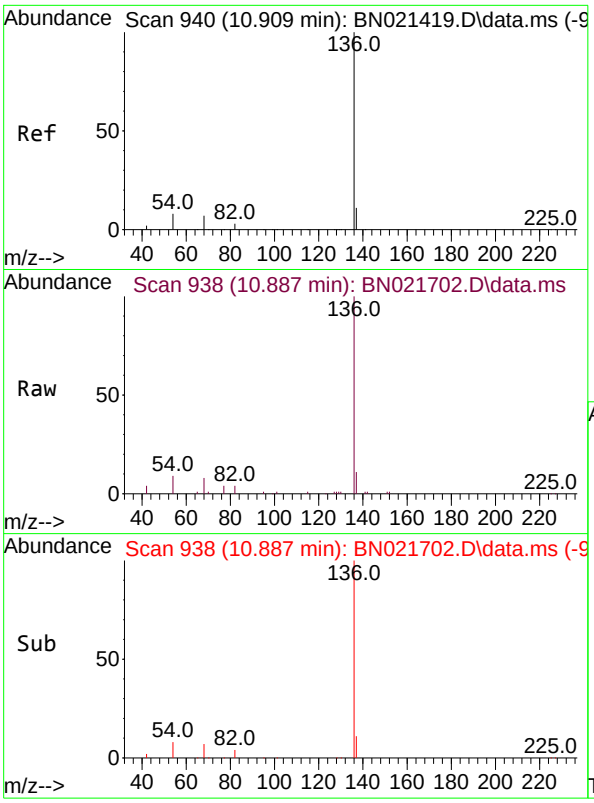


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.477 min Scan# 581
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion: 93 Resp: 8268

Ion	Ratio	Lower	Upper
93	100		
63	74.5	57.8	86.8
95	32.6	25.9	38.9



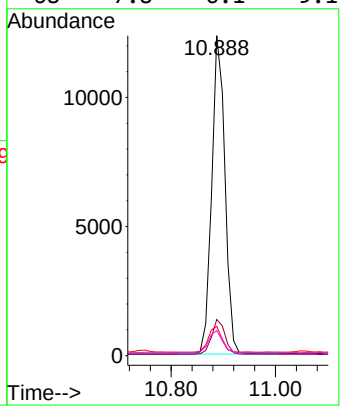


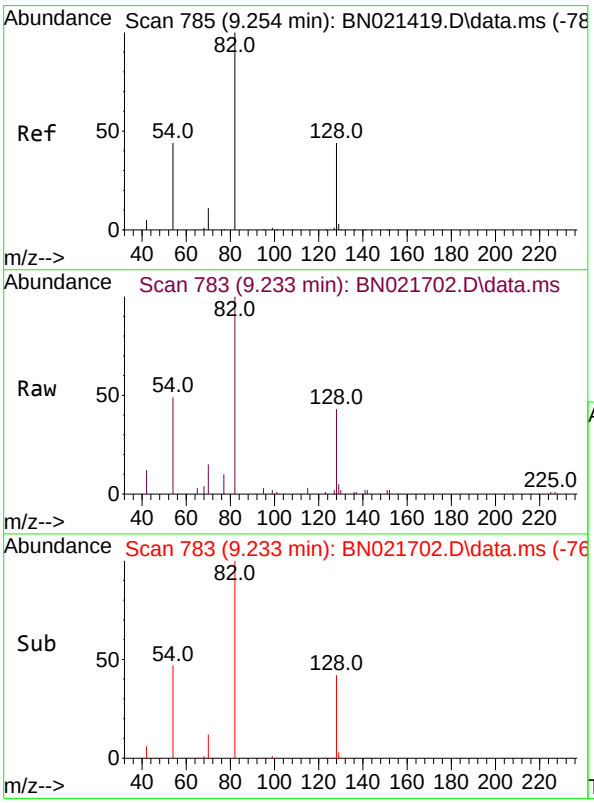
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:136 Resp: 21756

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	9.1	6.9	10.3
68	7.8	6.1	9.1

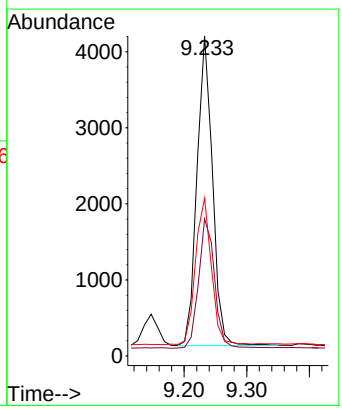


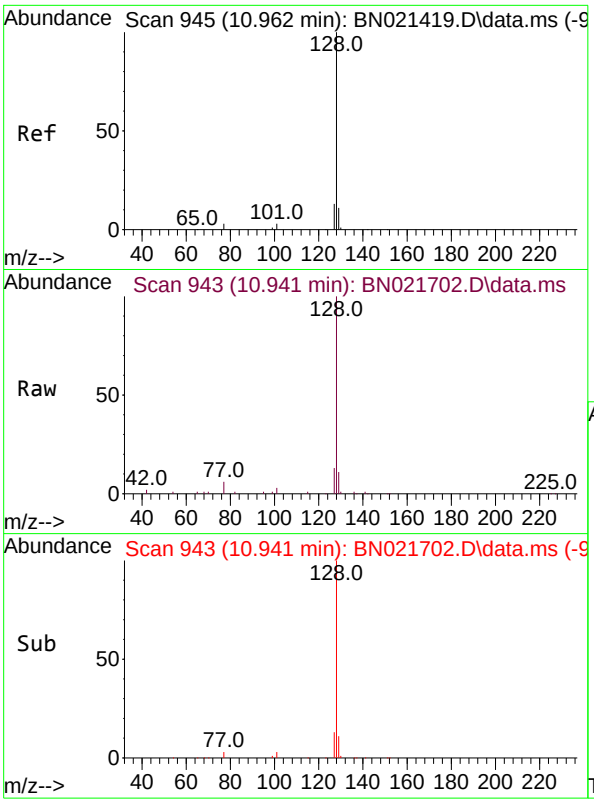


#8
Nitrobenzene-d5
Concen: 0.476 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion: 82 Resp: 6991

Ion	Ratio	Lower	Upper
82	100		
128	42.8	30.9	46.3
54	49.3	42.7	64.1



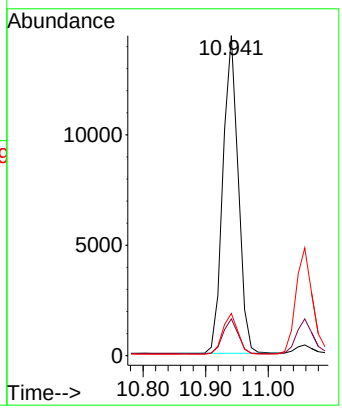


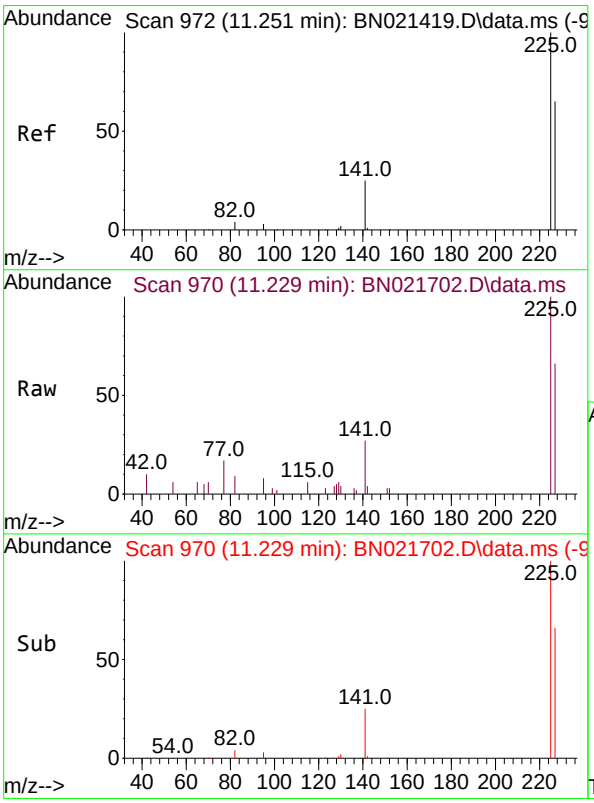
#9
Naphthalene
Concen: 0.378 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:128 Resp: 24389

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.2	11.0	16.4

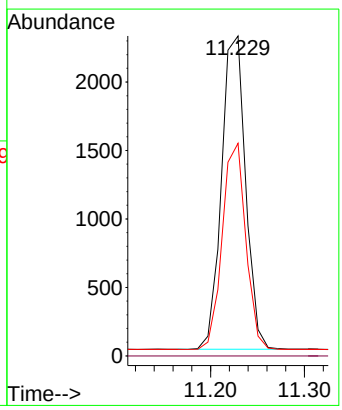


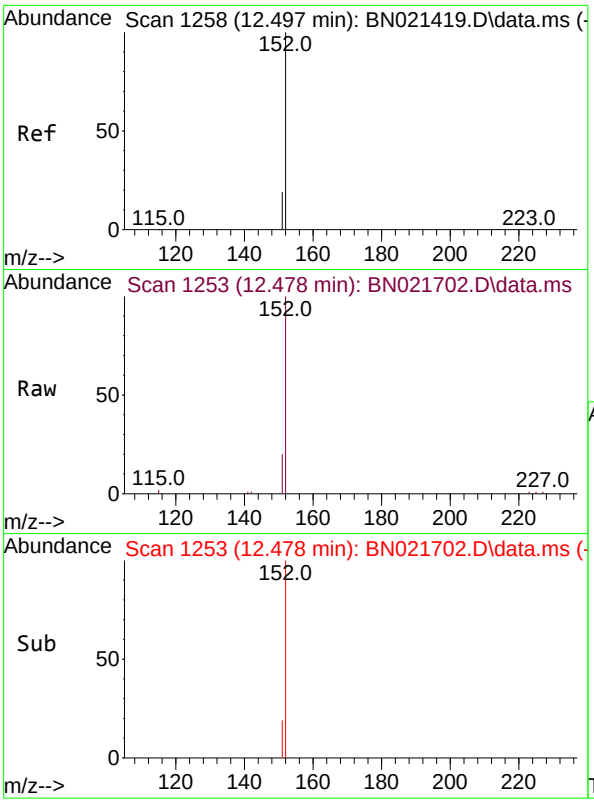


#10
Hexachlorobutadiene
Concen: 0.365 ng
RT: 11.229 min Scan# 970
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:225 Resp: 4075

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.2	76.8



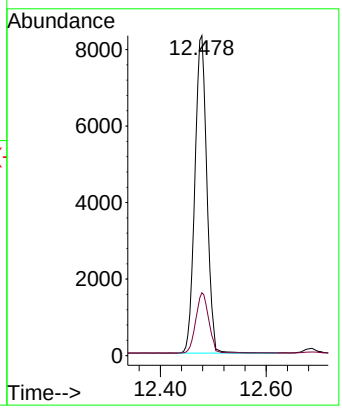


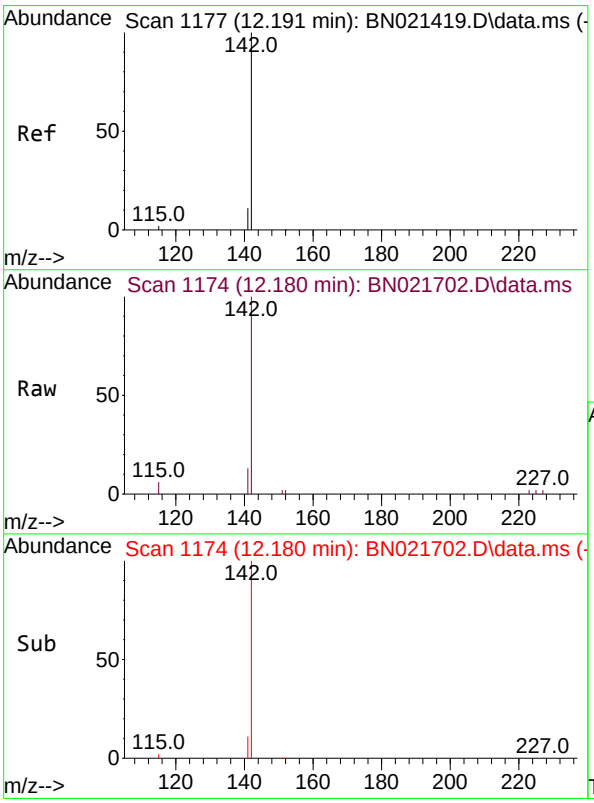
#11
2-Methylnaphthalene-d10
Concen: 0.441 ng
RT: 12.478 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:152 Resp: 21611

Ion	Ratio	Lower	Upper
152	100		
151	17.2	14.5	21.7

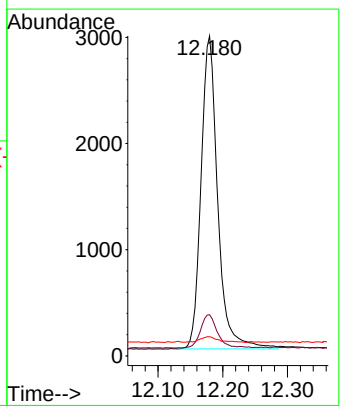


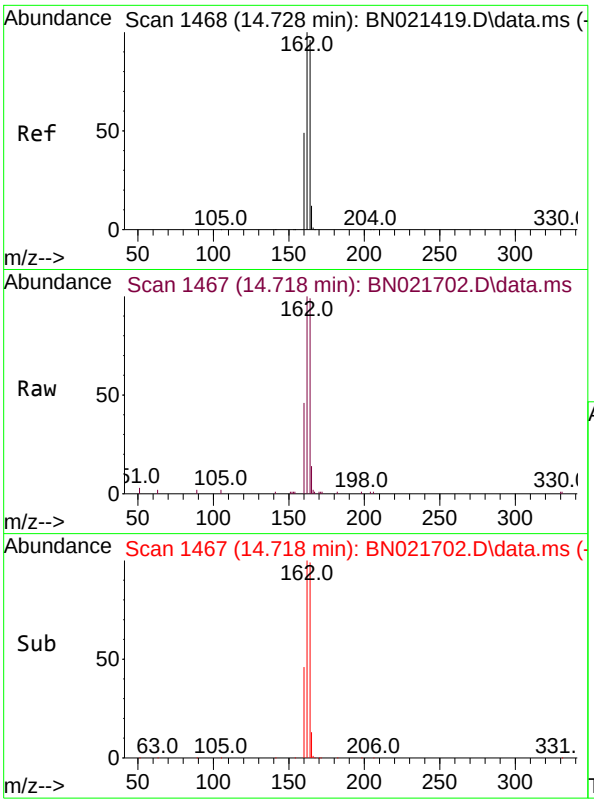


#12
2-Methylnaphthalene
Concen: 0.618 ng
RT: 12.180 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:142 Resp: 5274

Ion	Ratio	Lower	Upper
142	100		
141	12.9	12.2	18.2
115	6.0	7.9	11.9#



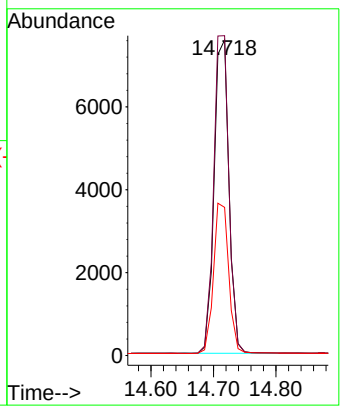


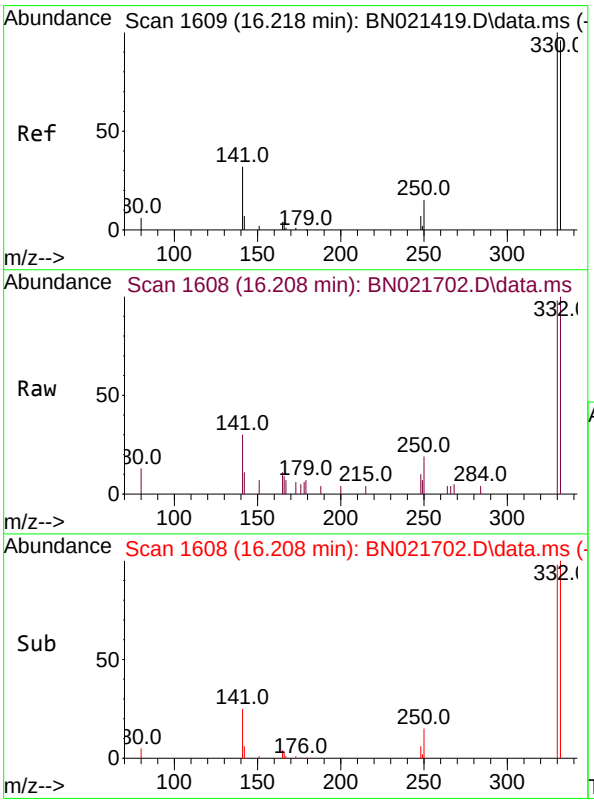
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:164 Resp: 12500

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.2	123.4
160	47.0	39.5	59.3

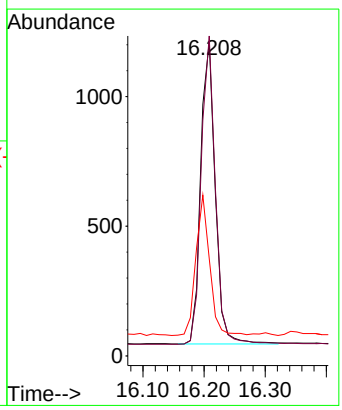


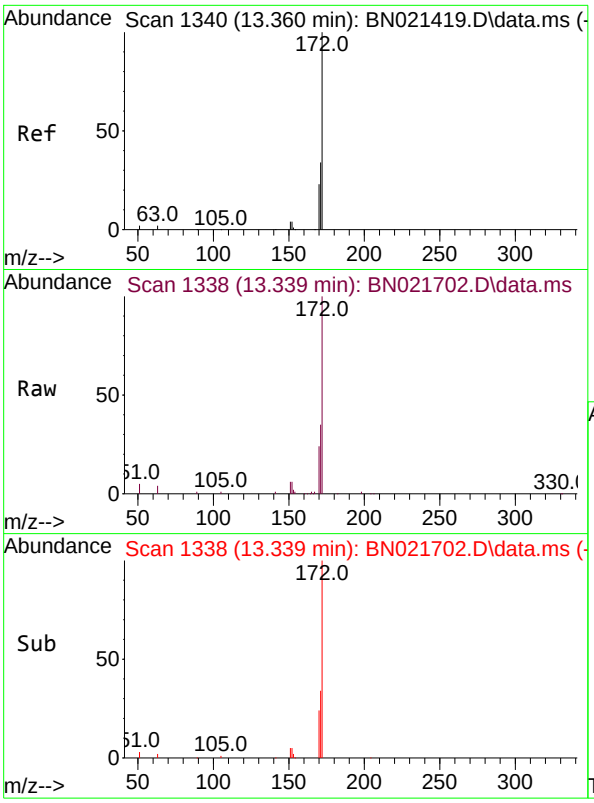


#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:330 Resp: 1922

Ion	Ratio	Lower	Upper
330	100		
332	99.1	79.3	118.9
141	43.9	37.1	55.7



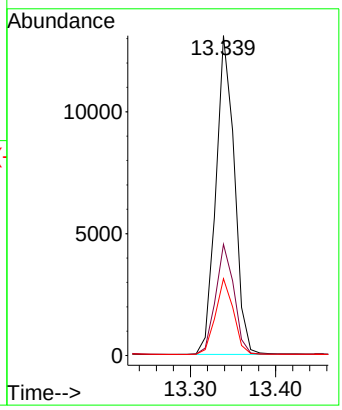


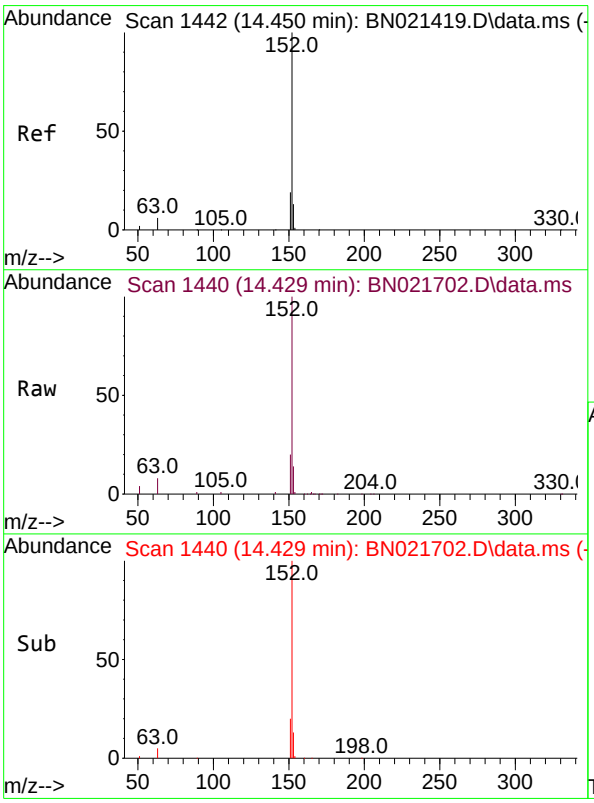
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:172 Resp: 19765

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	24.0	18.6	28.0

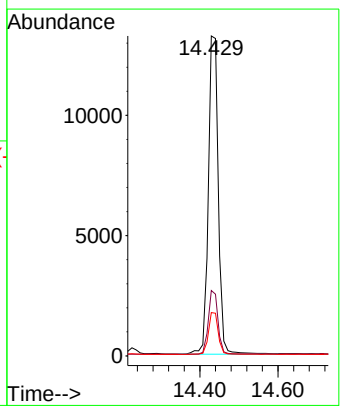


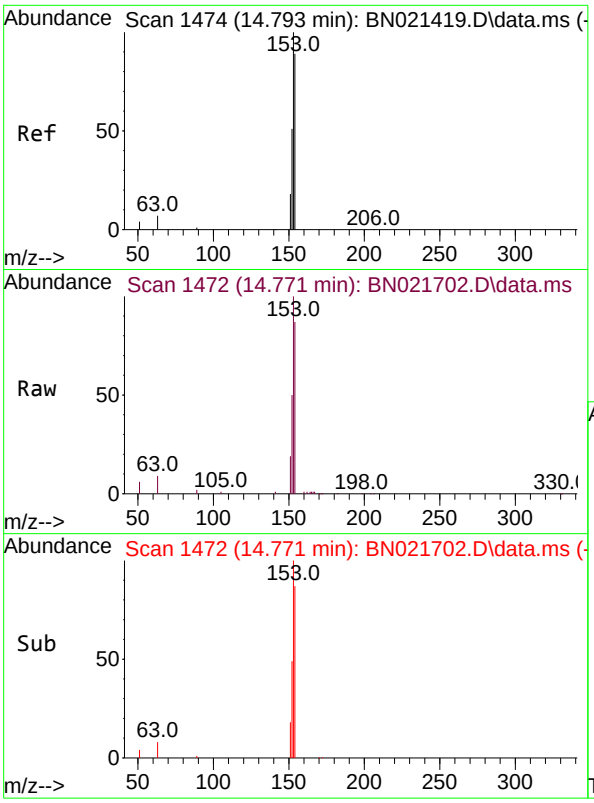


#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.011 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:152 Resp: 23388

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.0	10.3	15.5



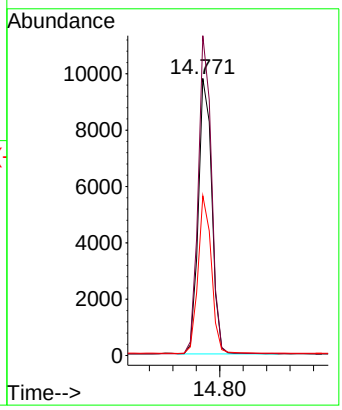


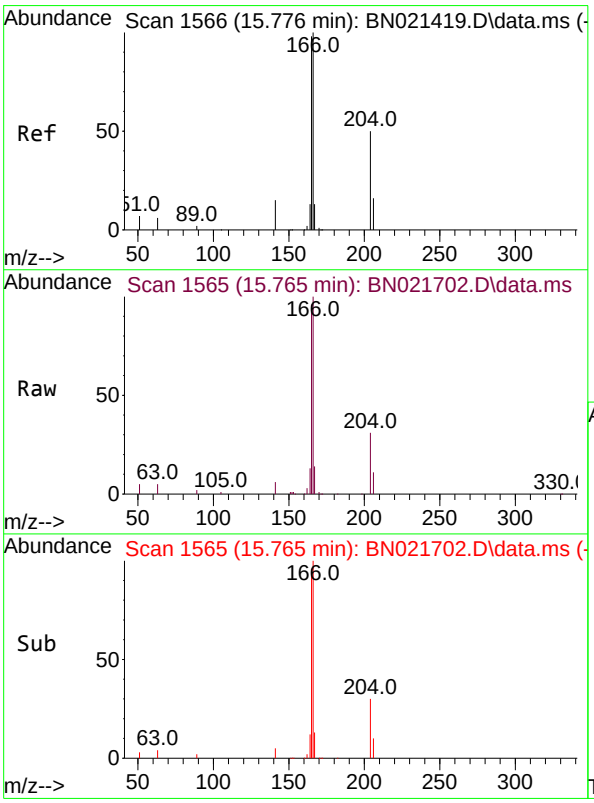
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:154 Resp: 15508

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.5	134.3
152	56.7	45.5	68.3

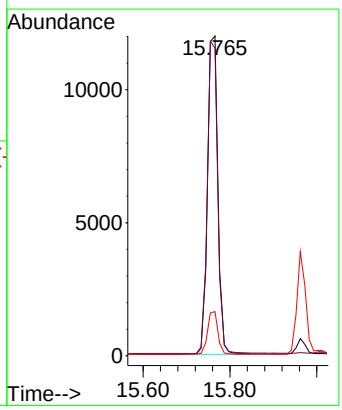


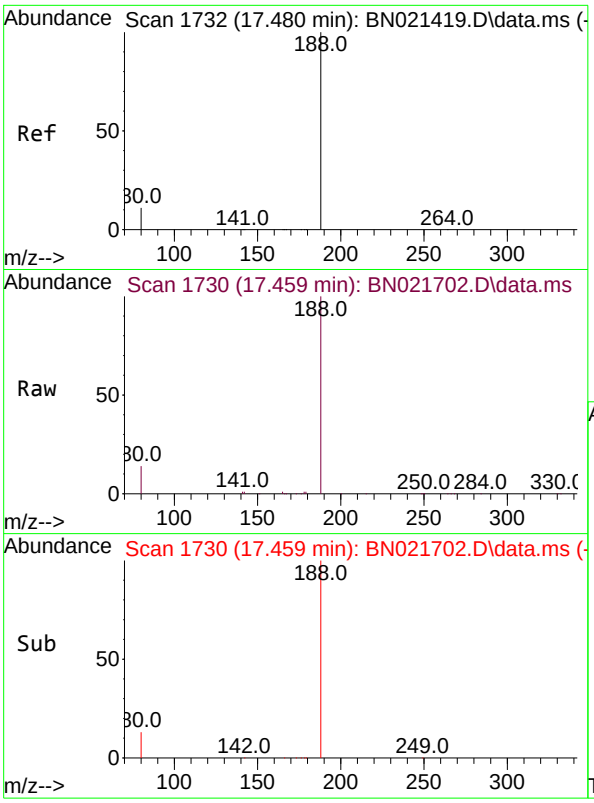


#18
Fluorene
Concen: 0.382 ng
RT: 15.765 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:166 Resp: 19464

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.7	118.1
167	13.6	10.6	16.0



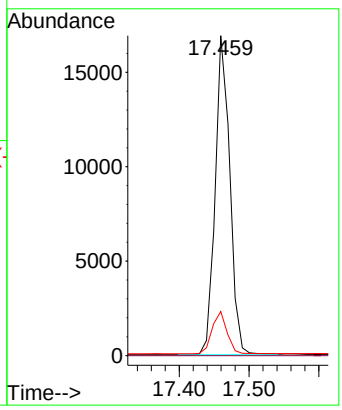


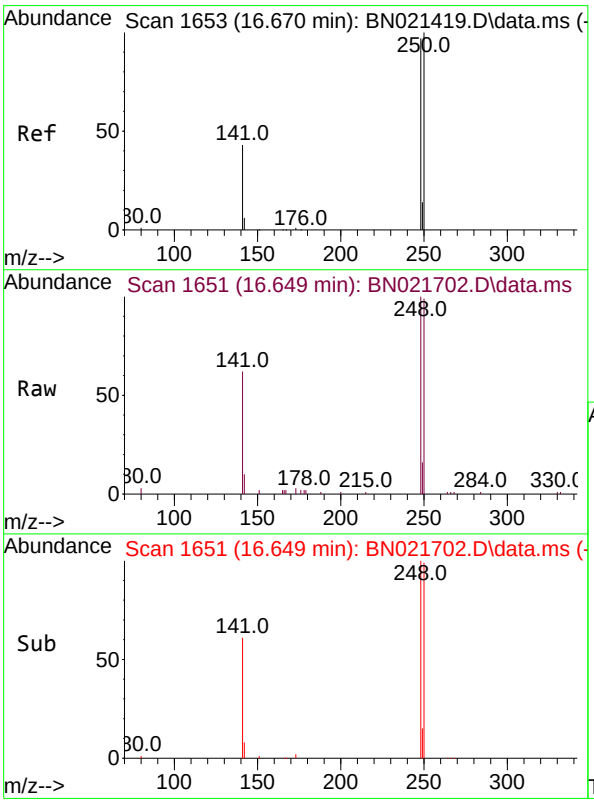
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:188 Resp: 24666

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	9.5	14.3

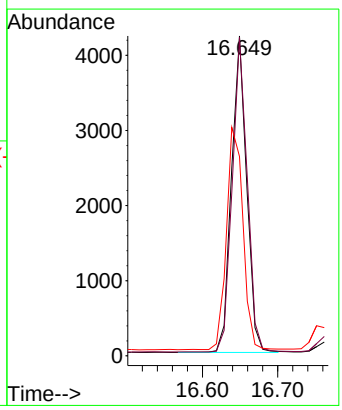


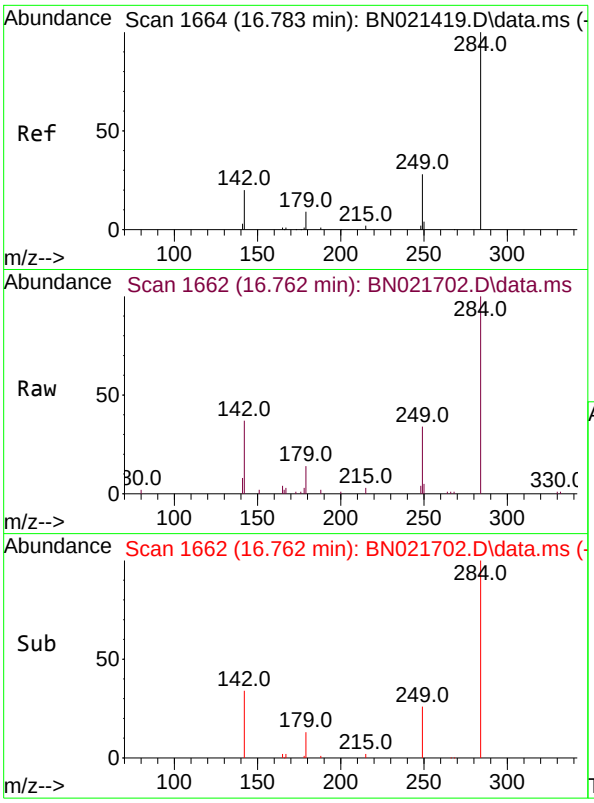


#21
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.649 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:248 Resp: 5880

Ion	Ratio	Lower	Upper
248	100		
250	99.5	81.8	122.6
141	62.3	38.5	57.7#



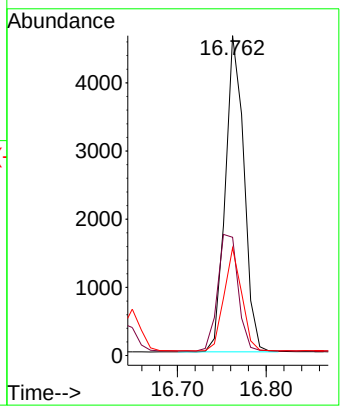


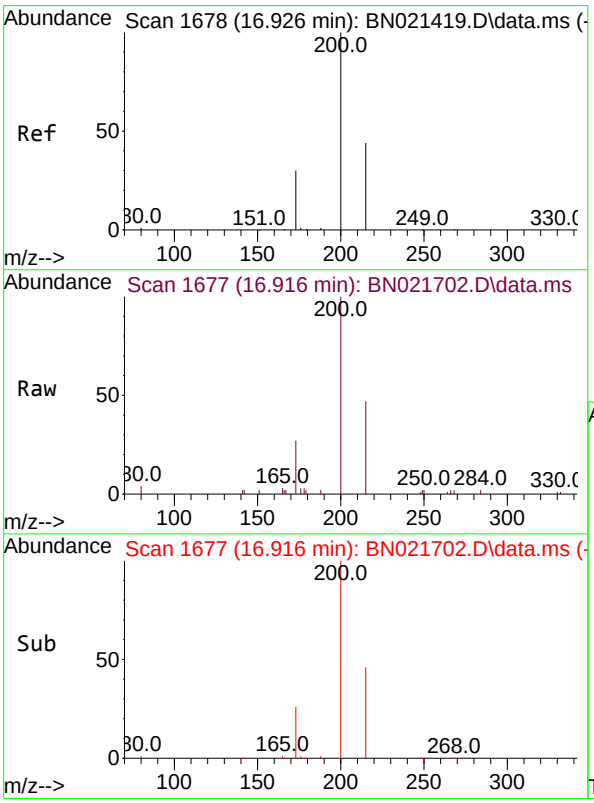
#22
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.762 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:284 Resp: 6792

Ion	Ratio	Lower	Upper
284	100		
142	40.4	32.3	48.5
249	31.0	25.4	38.2

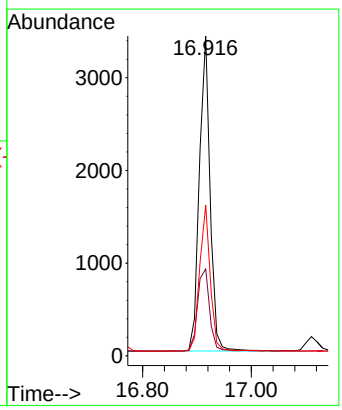


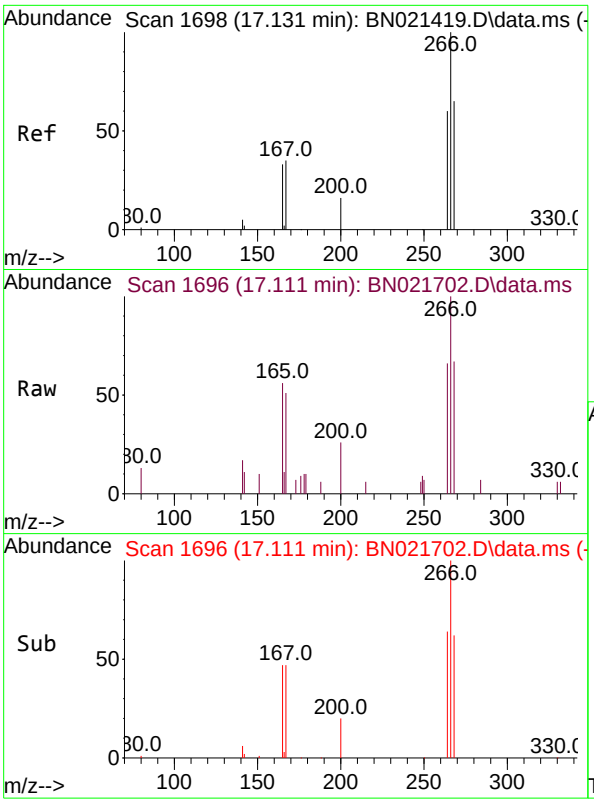


#23
Atrazine
Concen: 0.515 ng
RT: 16.916 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:200 Resp: 4635

Ion	Ratio	Lower	Upper
200	100		
173	27.2	24.3	36.5
215	47.1	38.4	57.6



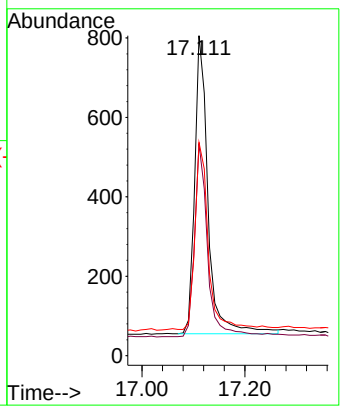


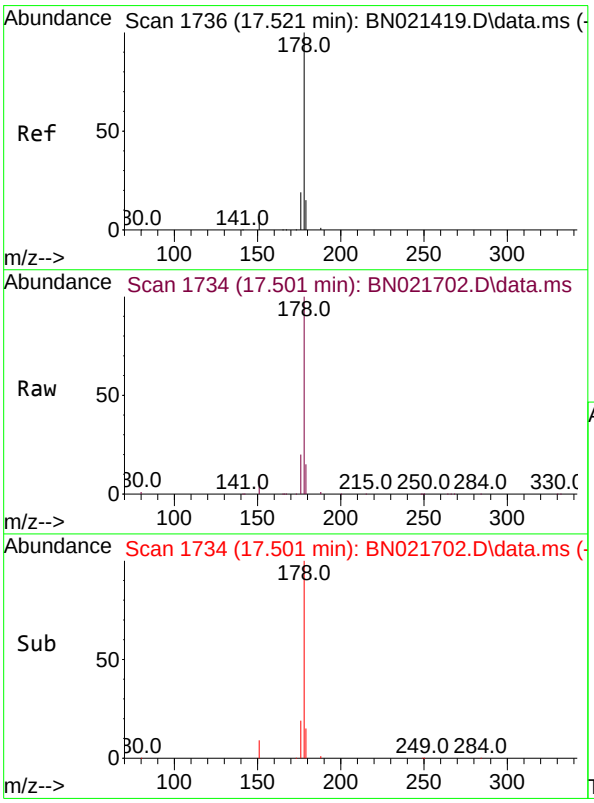
#24
Pentachlorophenol
Concen: 0.442 ng
RT: 17.111 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:266 Resp: 1358

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.0	73.6
268	63.7	50.9	76.3

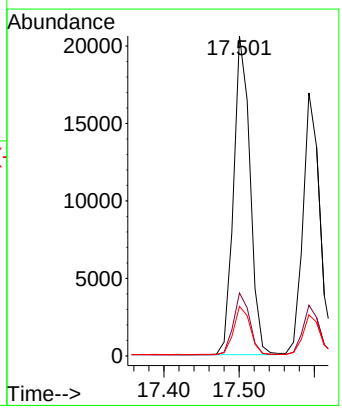


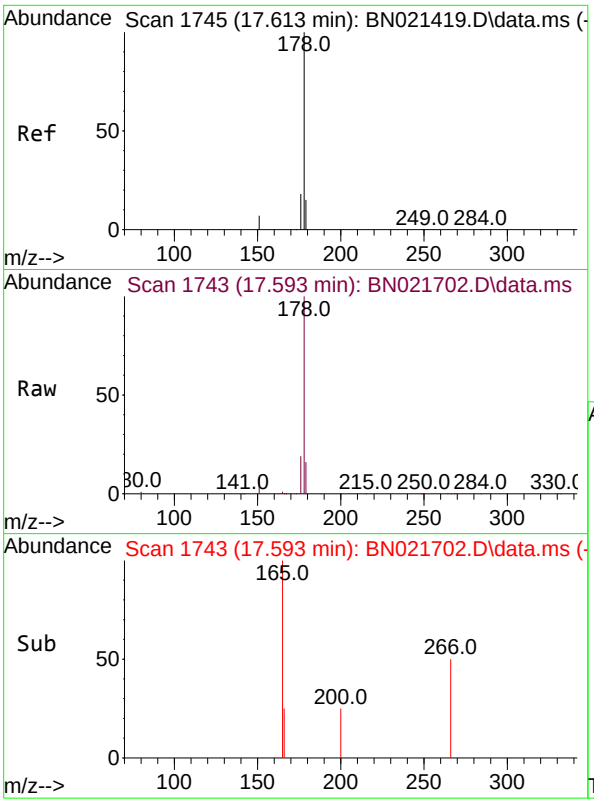


#25
Phenanthrene
Concen: 0.367 ng
RT: 17.501 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:178 Resp: 31231

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.3	12.2	18.4



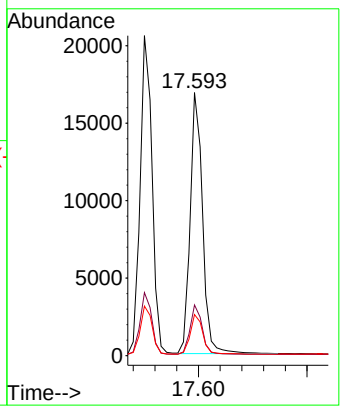


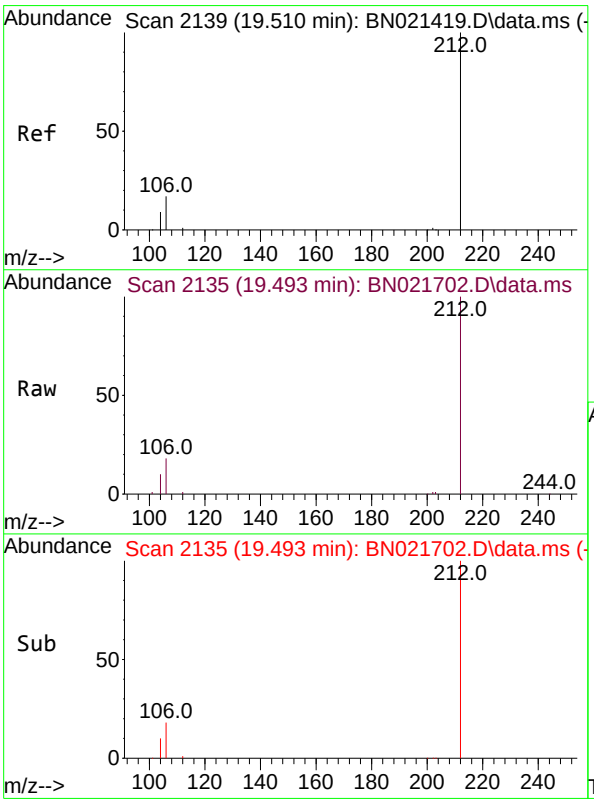
#26
Anthracene
Concen: 0.393 ng
RT: 17.593 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:178 Resp: 26548

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.3	12.2	18.2

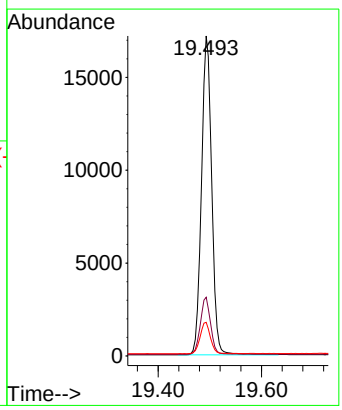


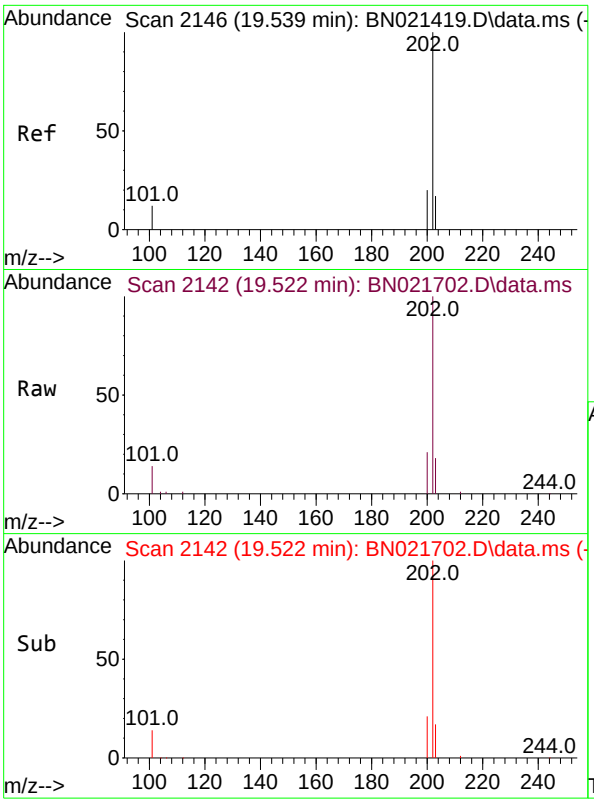


#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.493 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:212 Resp: 23597

Ion	Ratio	Lower	Upper
212	100		
106	17.8	14.2	21.2
104	9.9	7.8	11.6



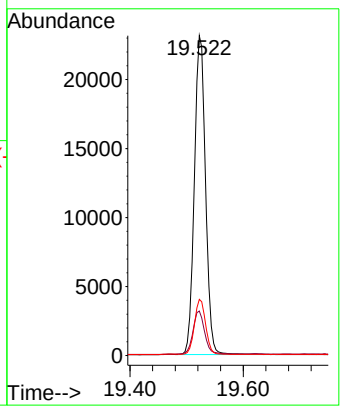


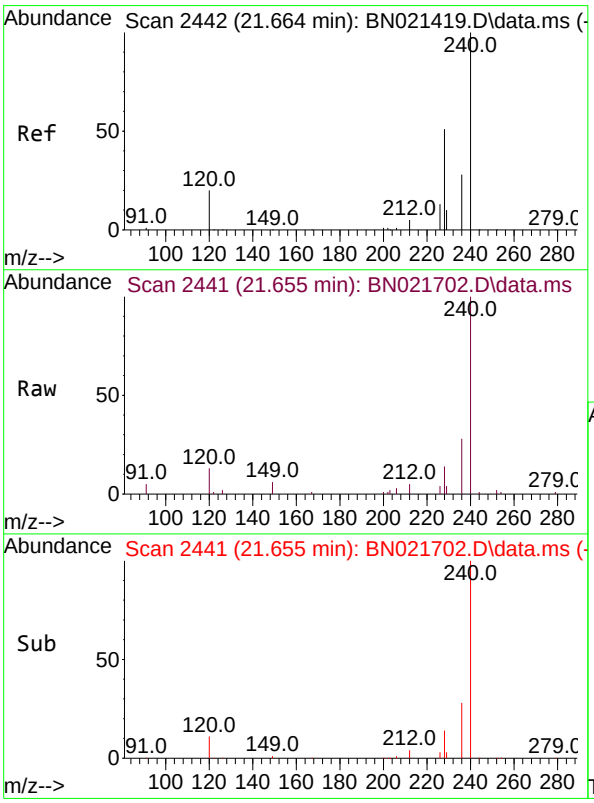
#28
Fluoranthene
Concen: 0.355 ng
RT: 19.522 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:202 Resp: 31390

Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.9	16.3
203	17.1	13.8	20.6

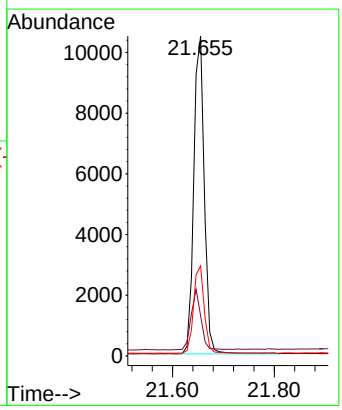


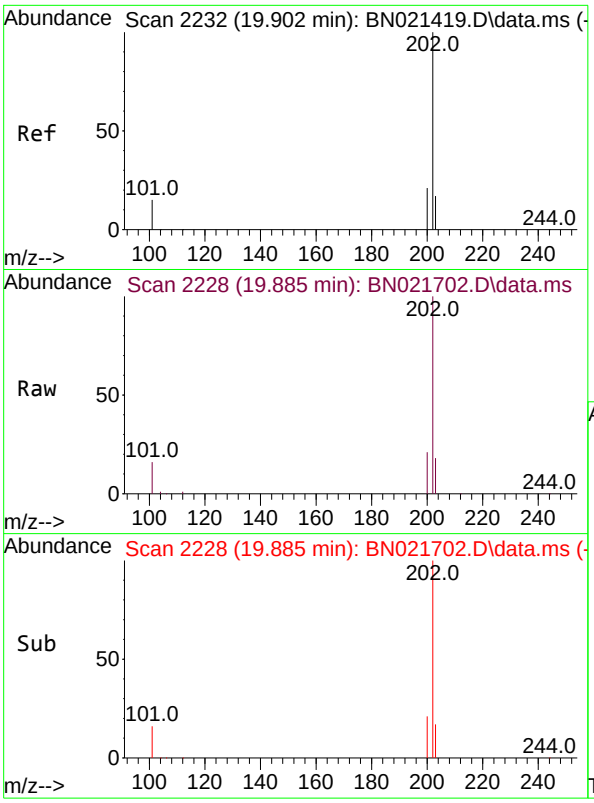


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:240 Resp: 15033

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.2	15.4
236	28.1	22.1	33.1



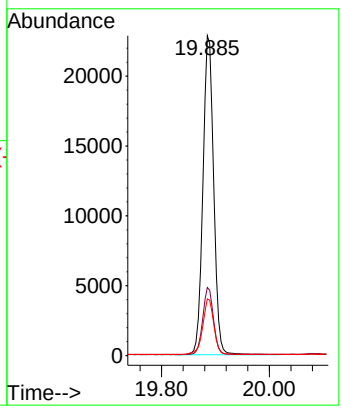


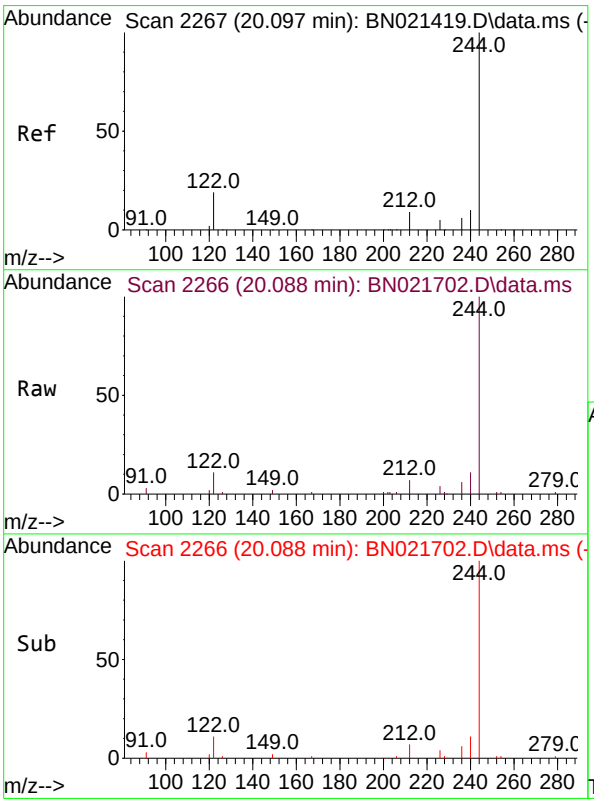
#30
Pyrene
Concen: 0.403 ng
RT: 19.885 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:202 Resp: 32300

Ion	Ratio	Lower	Upper
202	100		
200	20.3	13.9	20.9
203	17.5	11.9	17.9

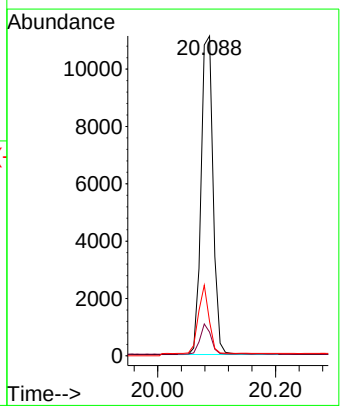


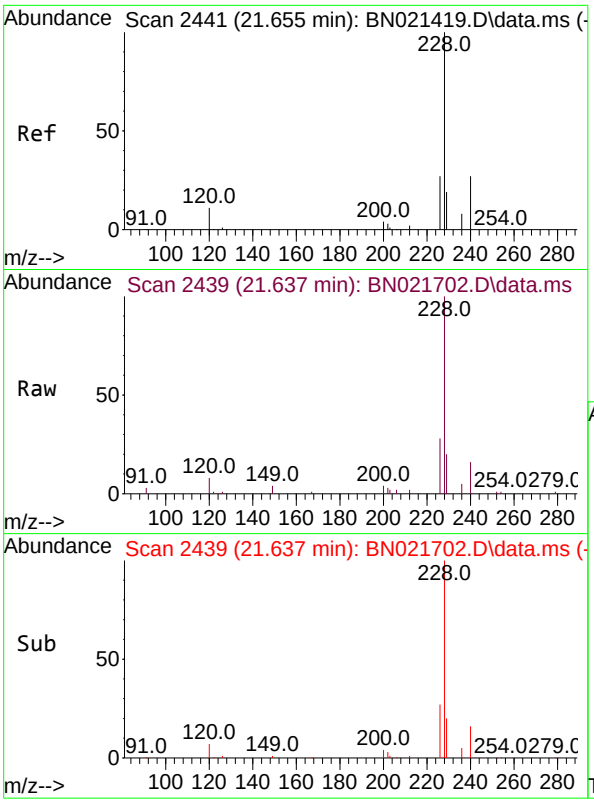


#31
Terphenyl-d14
Concen: 0.464 ng
RT: 20.088 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:244 Resp: 15691

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	10.7	9.1	13.7



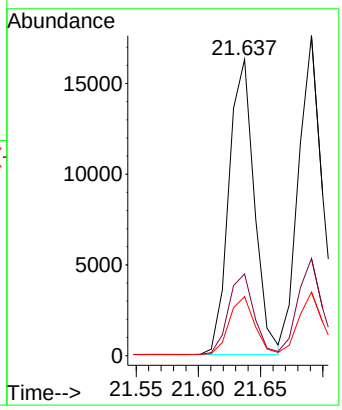


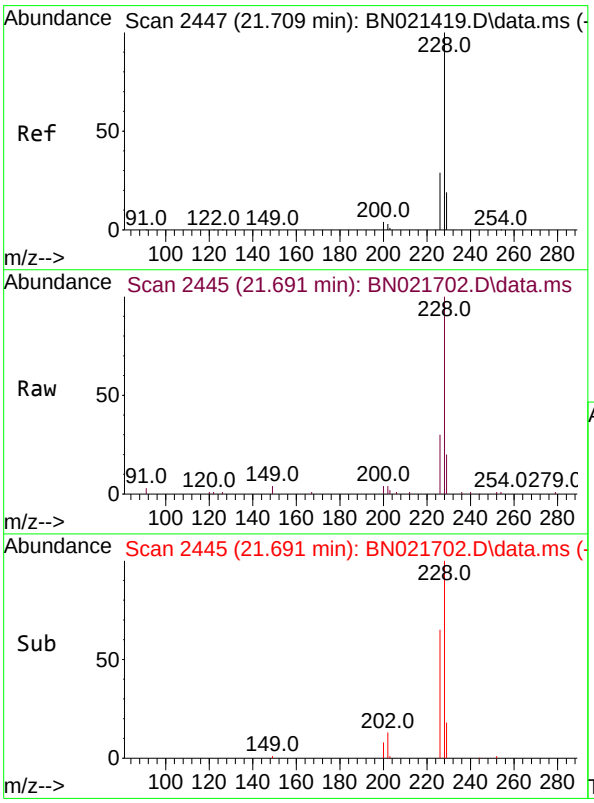
#32
Benzo(a)anthracene
Concen: 0.443 ng
RT: 21.637 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:228 Resp: 23191

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	19.9	15.9	23.9

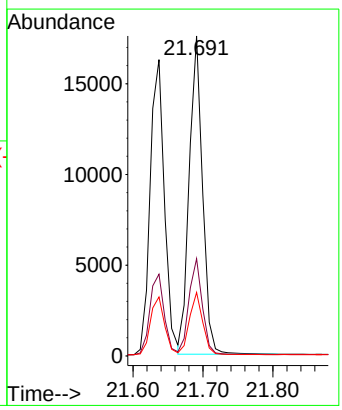


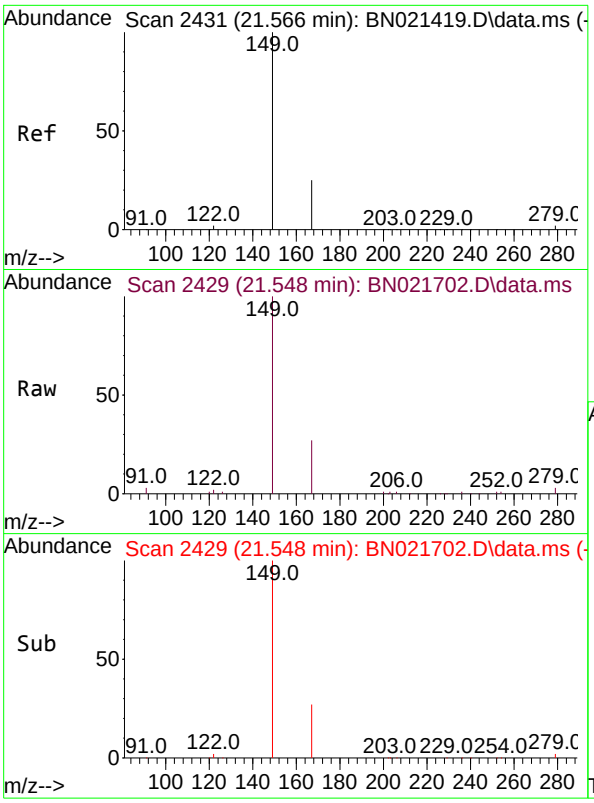


#33
Chrysene
Concen: 0.372 ng
RT: 21.691 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:228 Resp: 23172

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.8	15.9	23.9



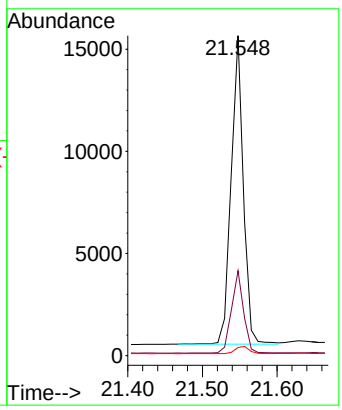


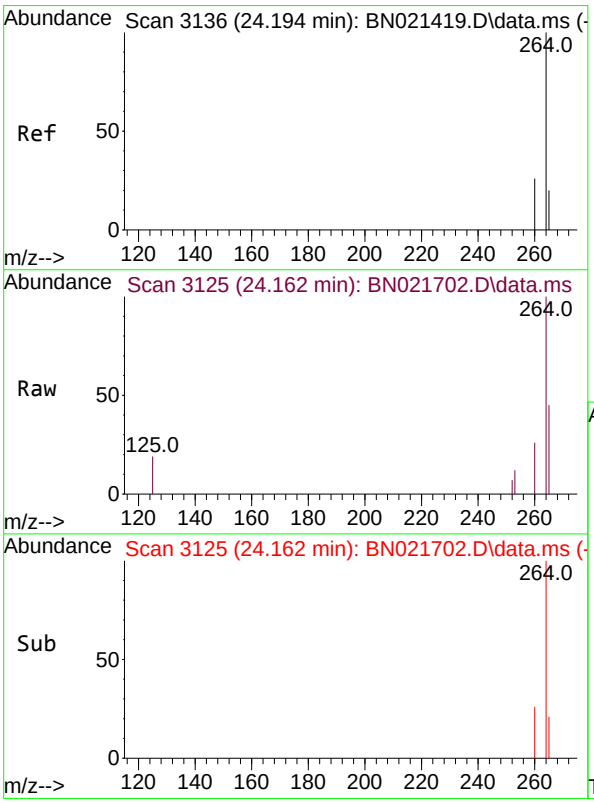
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.814 ng
RT: 21.548 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:149 Resp: 17162

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.0
279	2.7	2.2	3.2

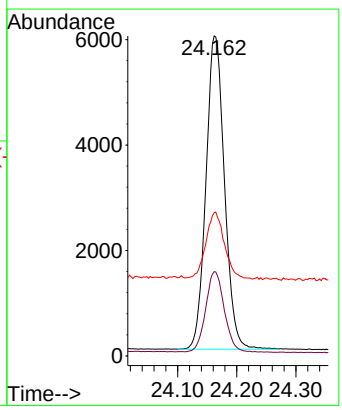


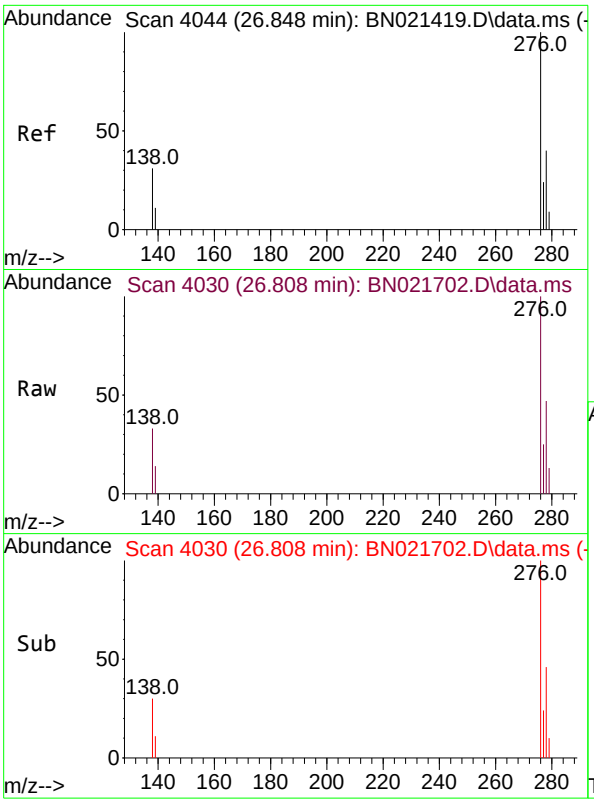


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.162 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:264 Resp: 12950

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.0	31.6
265	44.8	32.2	48.2



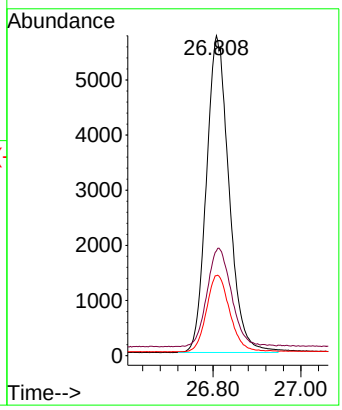


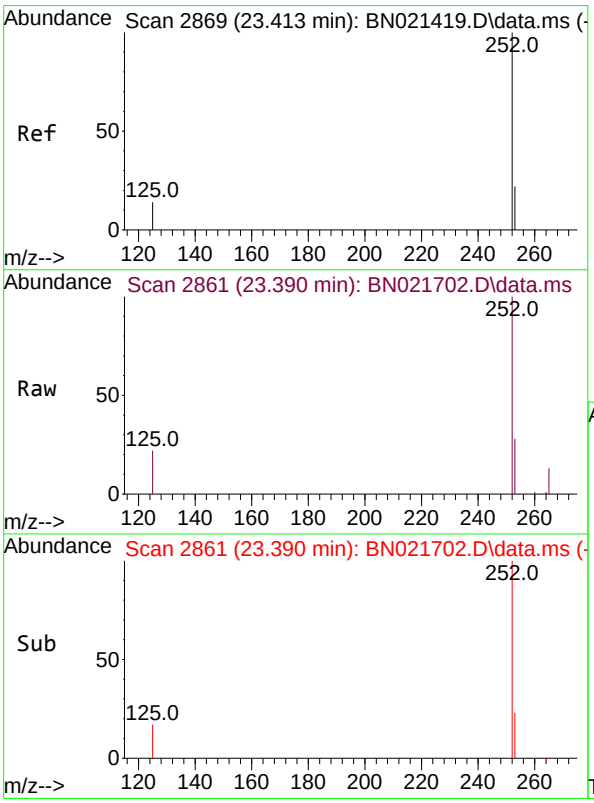
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng
RT: 26.808 min Scan# 40
Delta R.T. -0.015 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:276 Resp: 20546

Ion	Ratio	Lower	Upper
276	100		
138	33.2	27.4	41.2
277	24.8	19.9	29.9

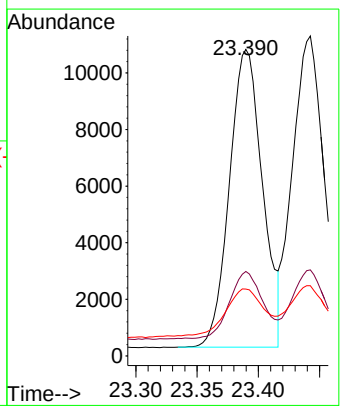


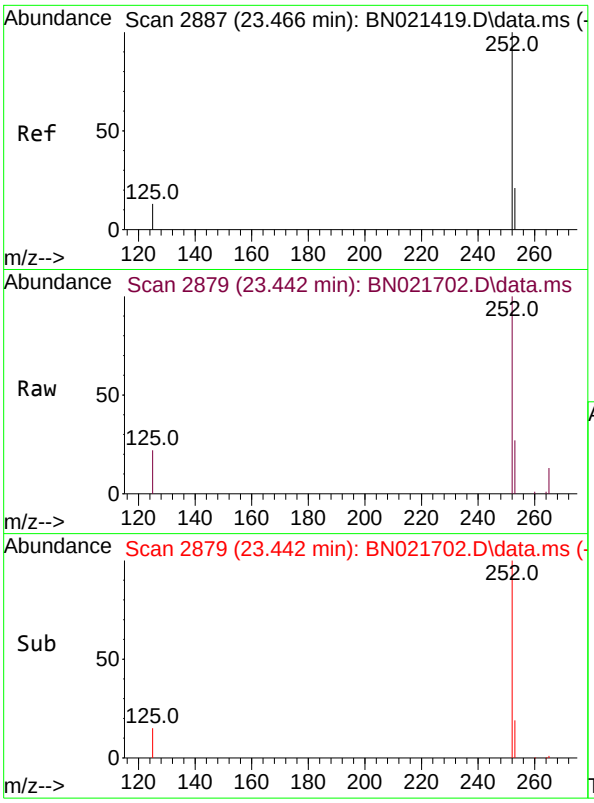


#37
Benzo(b)fluoranthene
Concen: 0.310 ng
RT: 23.390 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:252 Resp: 19807

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.8	29.6
125	21.8	13.7	20.5#



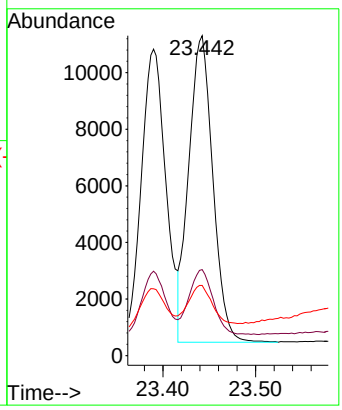


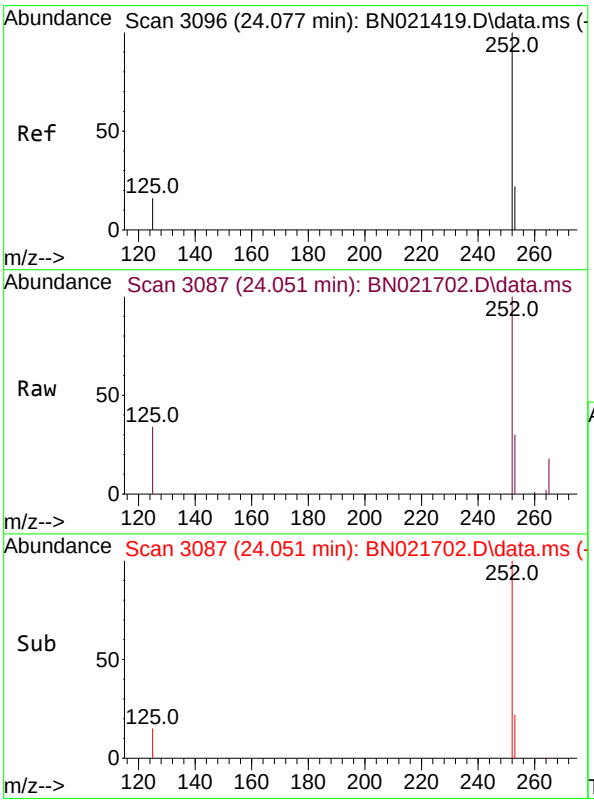
#38
Benzo(k)fluoranthene
Concen: 0.305 ng
RT: 23.442 min Scan# 28
Delta R.T. -0.006 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:252 Resp: 19595

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.5	29.3
125	21.9	12.3	18.5#

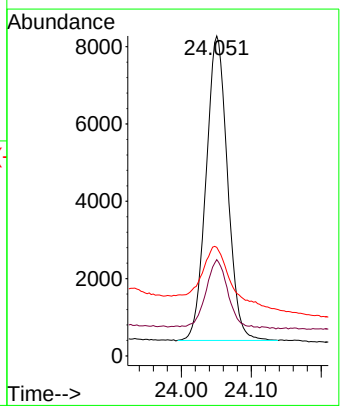


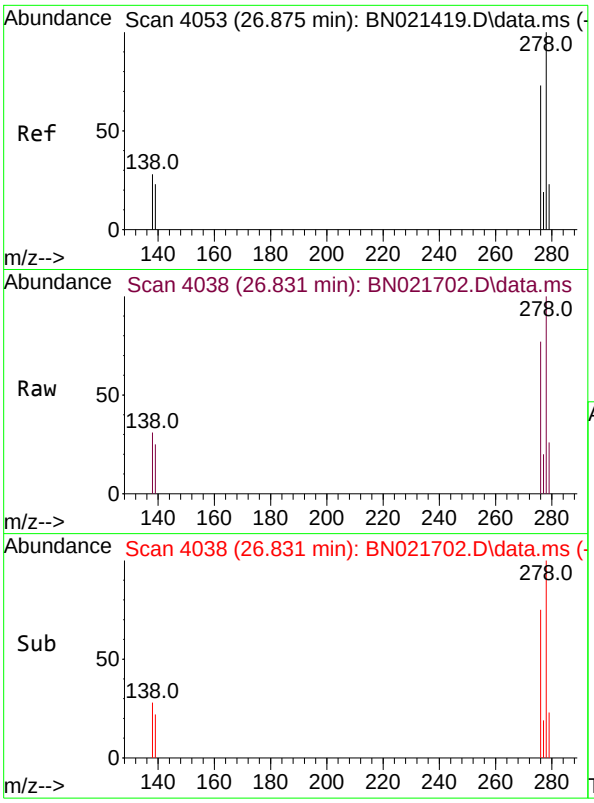


#39
Benzo(a)pyrene
Concen: 0.376 ng
RT: 24.051 min Scan# 3087
Delta R.T. -0.009 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:252 Resp: 16762

Ion	Ratio	Lower	Upper
252	100		
253	30.1	21.1	31.7
125	33.9	16.6	25.0#



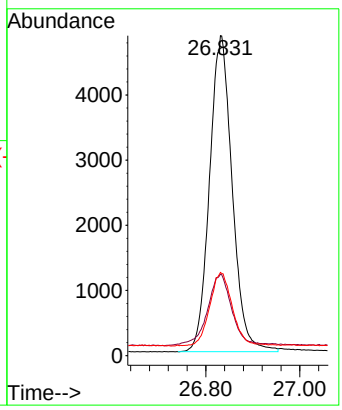


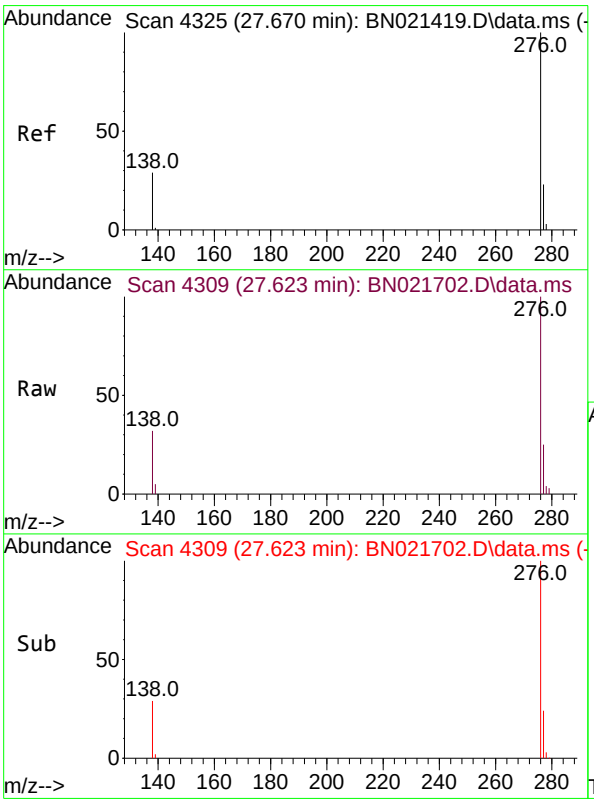
#40
Dibenzo(a,h)anthracene
Concen: 0.345 ng
RT: 26.831 min Scan# 40
Delta R.T. -0.015 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Tgt Ion:278 Resp: 16247

Ion	Ratio	Lower	Upper
278	100		
139	25.4	21.8	32.6
279	26.0	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.334 ng
RT: 27.623 min Scan# 4309
Delta R.T. -0.009 min
Lab File: BN021702.D
Acq: 10 Sep 2022 17:41

Tgt Ion:276 Resp: 17233

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	31.7	23.7	35.5