Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021731.D
Acq On : 13 Sep 2022 18:44
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 14 01:32:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:24:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	5077	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	15999	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	10022	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	22834	0.400	ng		0.00
29) Chrysene-d12	21.656	240	17612	0.400	ng		0.00
35) Perylene-d12	24.168	264	14341	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	5111	0.514	ng		0.00
5) Phenol-d6	7.209	99	6333	0.500	ng		0.00
8) Nitrobenzene-d5	9.233	82	4911	0.454	ng		0.00
11) 2-Methylnaphthalene-d10	12.475	152	15710	0.436	ng		0.00
14) 2,4,6-Tribromophenol	16.209	330	1658	0.504	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	15695	0.358	ng		0.00
27) Fluoranthene-d10	19.494	212	22887	0.390	ng		0.00
31) Terphenyl-d14	20.080	244	15721	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2476	0.390	ng		100
3) n-Nitrosodimethylamine	3.736	42	2516	0.440	ng		99
6) bis(2-Chloroethyl)ether	7.469	93	6381	0.400	ng		100
9) Naphthalene	10.941	128	17940	0.379	ng		100
10) Hexachlorobutadiene	11.219	225	3052	0.372	ng	#	100
12) 2-Methylnaphthalene	12.176	142	3575	0.595	ng		100
16) Acenaphthylene	14.429	152	17281	0.367	ng		100
17) Acenaphthene	14.771	154	12351	0.373	ng		100
18) Fluorene	15.758	166	16641	0.407	ng		100
21) 4-Bromophenyl-phenylether	16.647	248	5208	0.365	ng		100
22) Hexachlorobenzene	16.763	284	5870	0.336	ng		100
23) Atrazine	16.913	200	4179	0.501	ng		100
24) Pentachlorophenol	17.109	266	1983	0.533	ng		100
25) Phenanthrene	17.502	178	28731	0.365	ng		100
26) Anthracene	17.594	178	23452	0.375	ng		100
28) Fluoranthene	19.523	202	30697	0.375	ng		100
30) Pyrene	19.886	202	34332	0.366	ng		100
32) Benzo(a)anthracene	21.638	228	25179	0.411	ng		100
33) Chrysene	21.692	228	26846	0.367	ng		100
34) Bis(2-ethylhexyl)phtha...	21.549	149	16318	0.660	ng		100
36) Indeno(1,2,3-cd)pyrene	26.811	276	25728	0.397	ng		100
37) Benzo(b)fluoranthene	23.394	252	24508	0.347	ng		100
38) Benzo(k)fluoranthene	23.443	252	24338	0.342	ng		100
39) Benzo(a)pyrene	24.054	252	19232	0.390	ng		100
40) Dibenzo(a,h)anthracene	26.835	278	20405	0.391	ng		100
41) Benzo(g,h,i)perylene	27.627	276	20858	0.365	ng		100

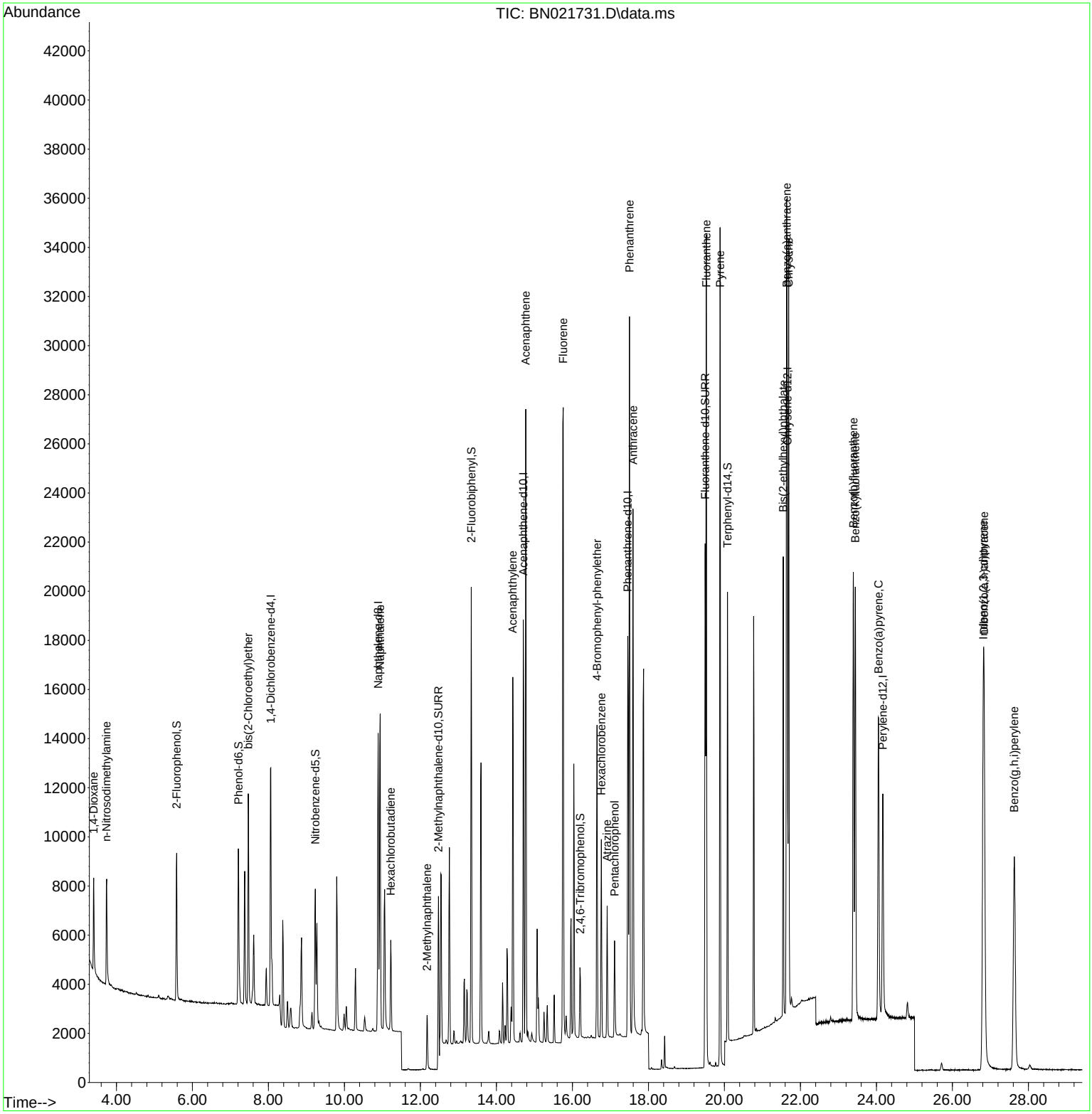
(#) = qualifier out of range (m) = manual integration (+) = signals summed

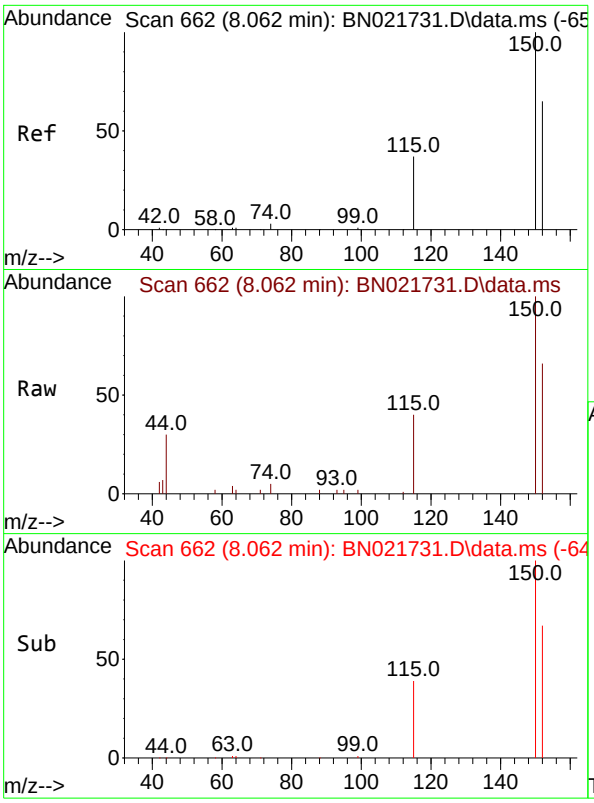
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021731.D
Acq On : 13 Sep 2022 18:44
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 14 01:32:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:24:46 2022
Response via : Initial Calibration



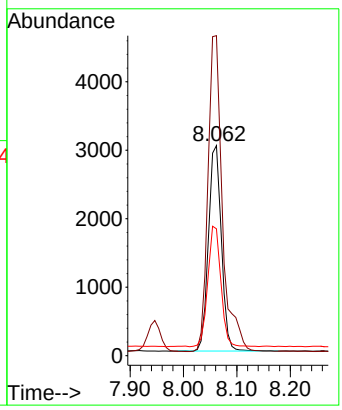


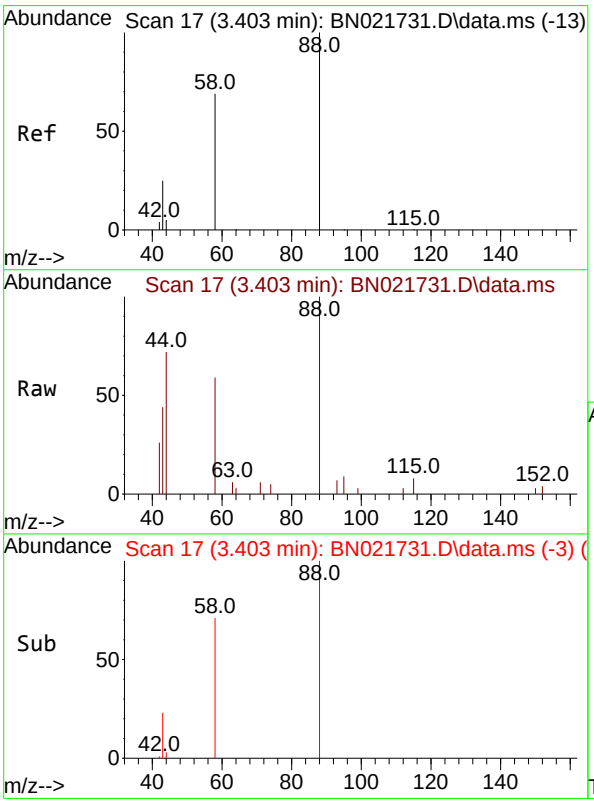
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 5077

Ion	Ratio	Lower	Upper
152	100		
150	152.3	121.8	182.8
115	60.4	48.3	72.5

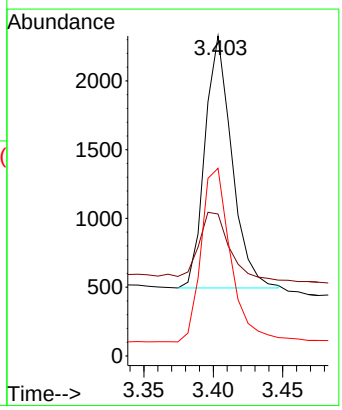


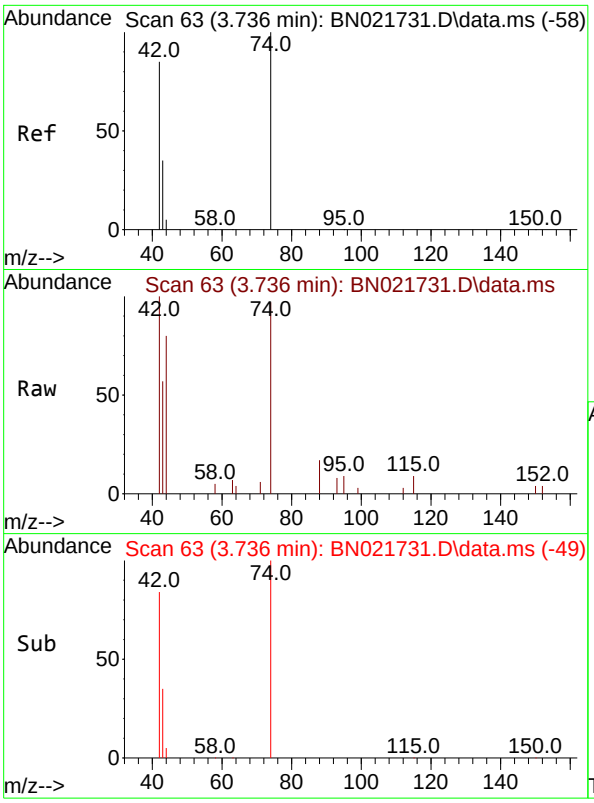


#2
1,4-Dioxane
Concen: 0.390 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion: 88 Resp: 2476

Ion	Ratio	Lower	Upper
88	100		
43	30.2	24.2	36.2
58	75.3	60.2	90.4



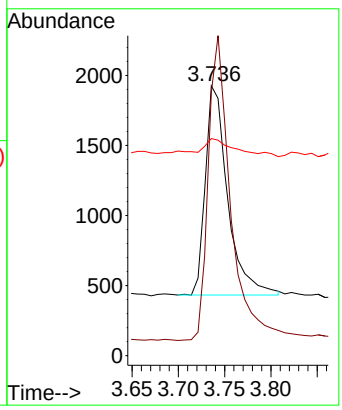


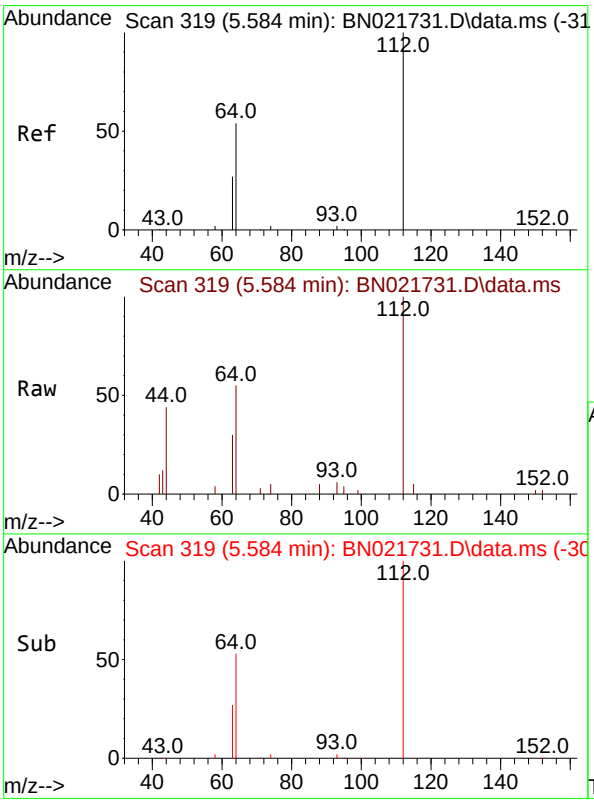
#3
n-Nitrosodimethylamine
Concen: 0.440 ng
RT: 3.736 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 2516

Ion	Ratio	Lower	Upper
42	100		
74	144.6	116.3	174.5
44	11.2	9.0	13.4

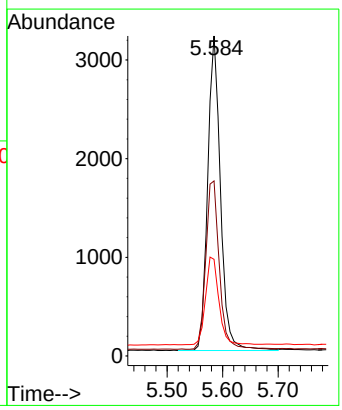


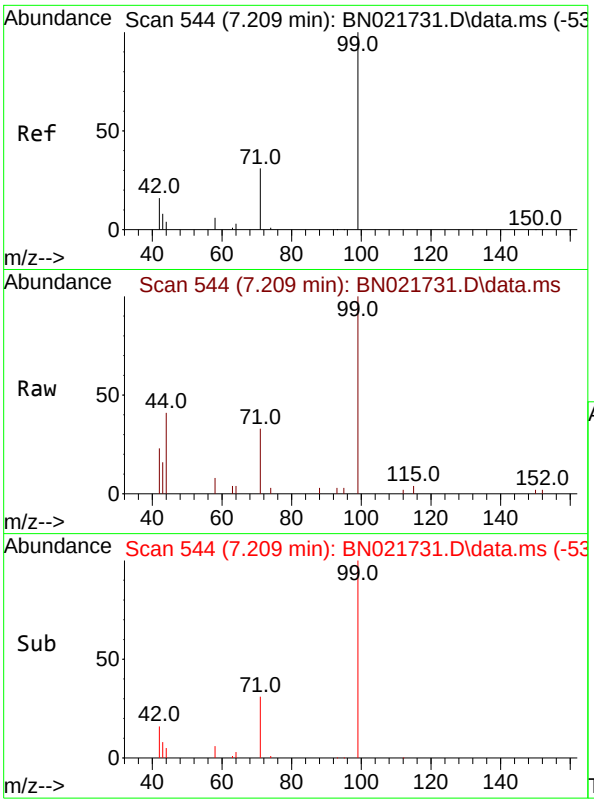


#4
2-Fluorophenol
Concen: 0.514 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:112 Resp: 5111

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.4	68.2
63	29.1	23.3	34.9



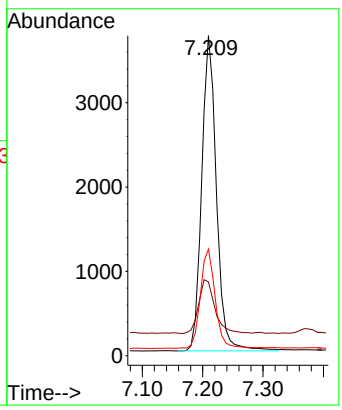


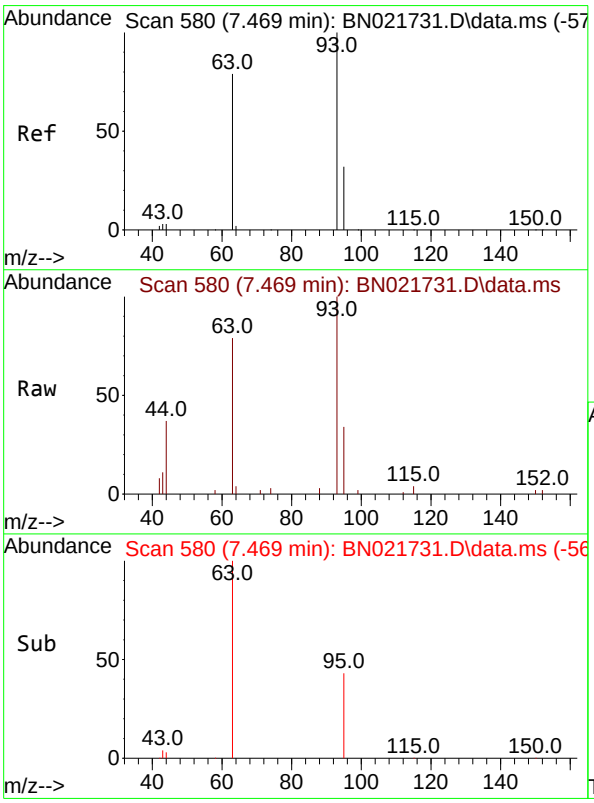
#5
Phenol-d6
Concen: 0.500 ng
RT: 7.209 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 6333

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	31.6	25.3	37.9

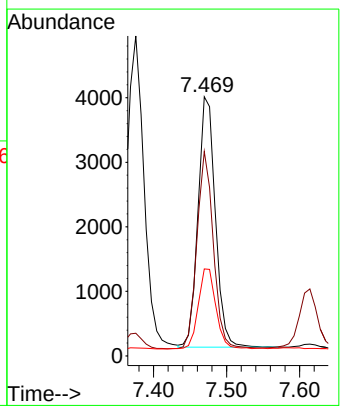


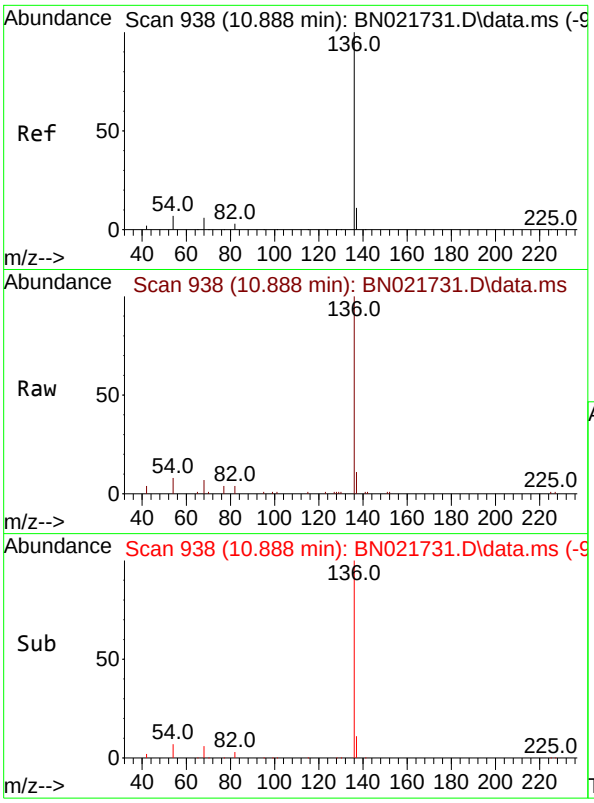


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 7.469 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion: 93 Resp: 6381

Ion	Ratio	Lower	Upper
93	100		
63	75.0	60.0	90.0
95	32.7	26.2	39.4



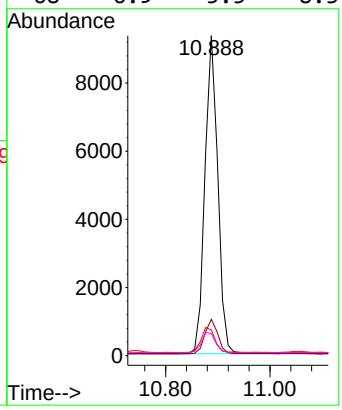


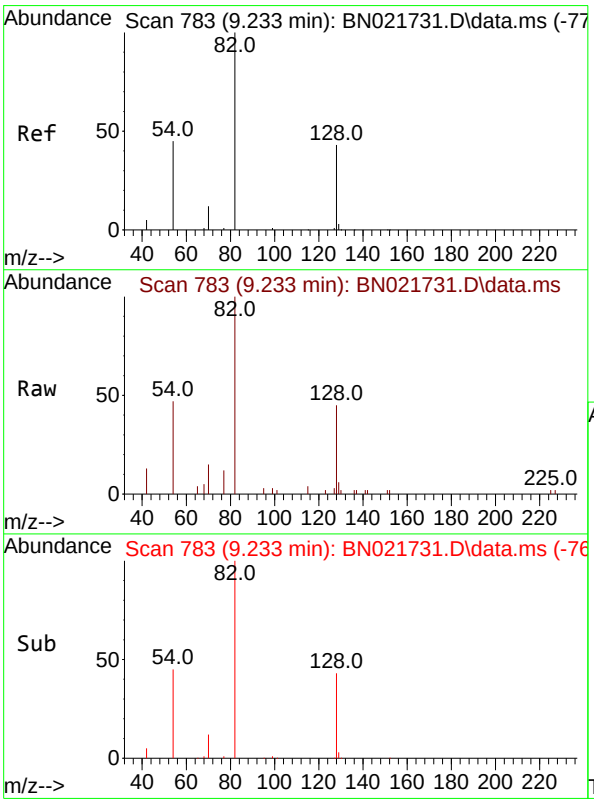
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 15999

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.0	6.4	9.6
68	6.9	5.5	8.3

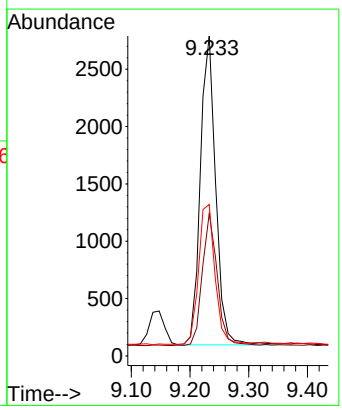


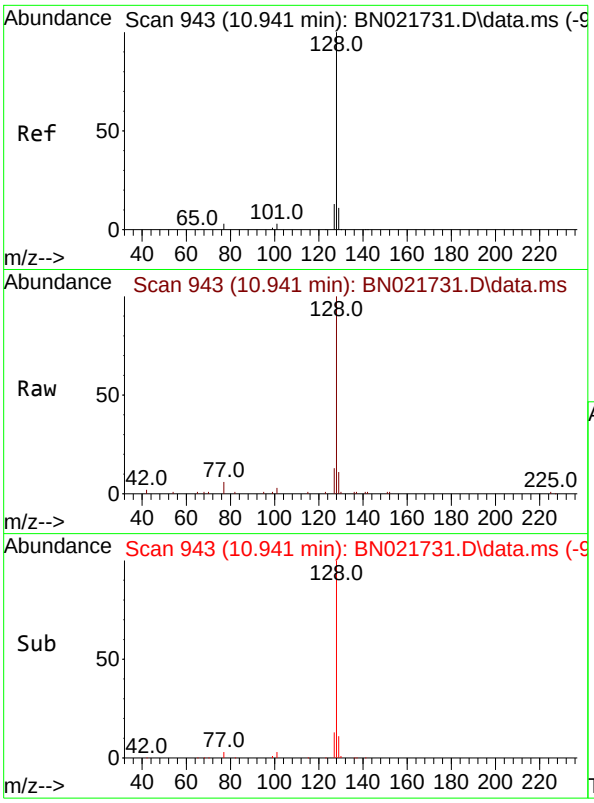


#8
Nitrobenzene-d5
Concen: 0.454 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion: 82 Resp: 4911

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.6	53.4
54	47.3	37.8	56.8



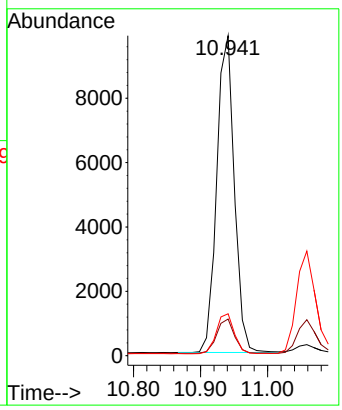


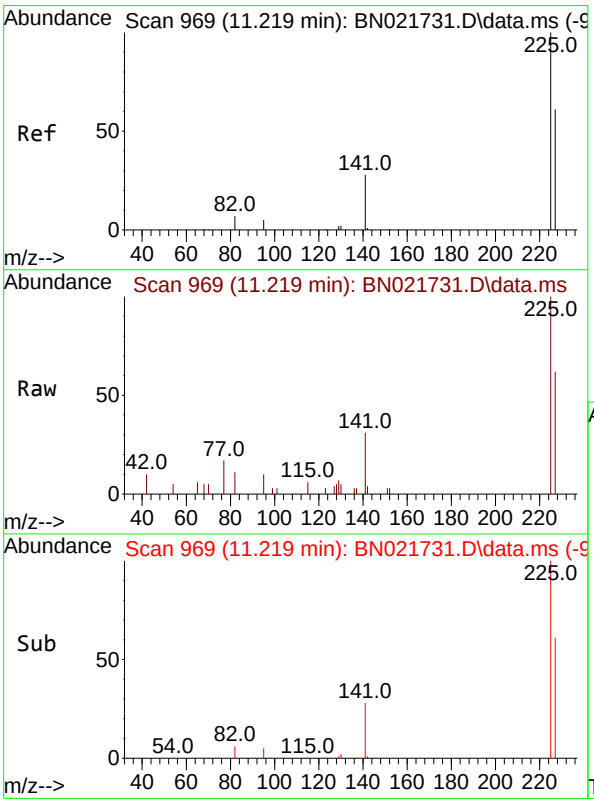
#9
Naphthalene
Concen: 0.379 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 17940

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.1	10.5	15.7

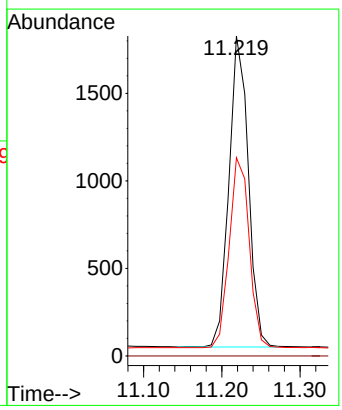


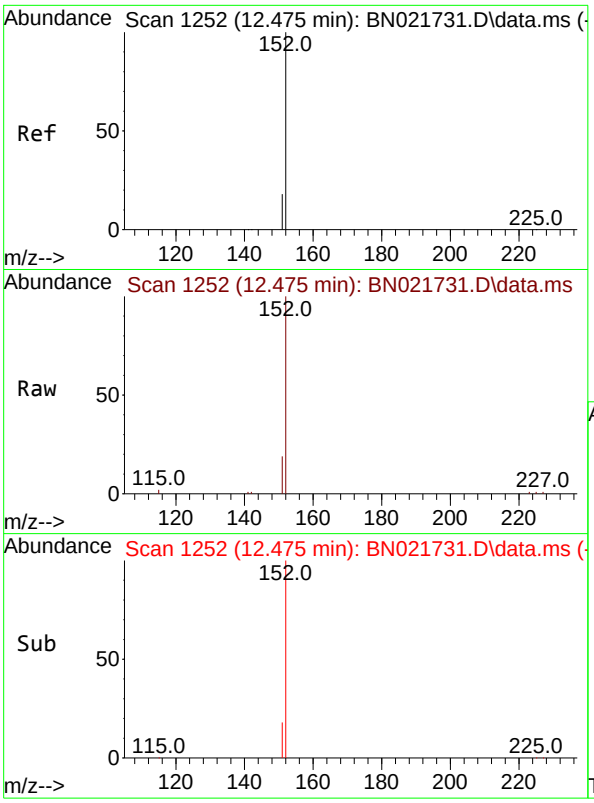


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 11.219 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:225 Resp: 3052

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	50.4	75.6



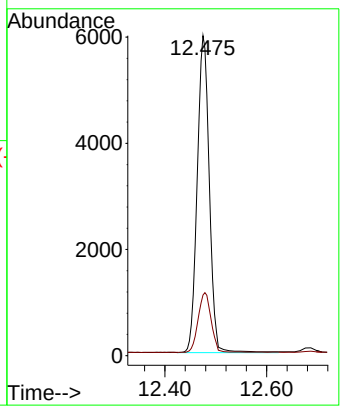


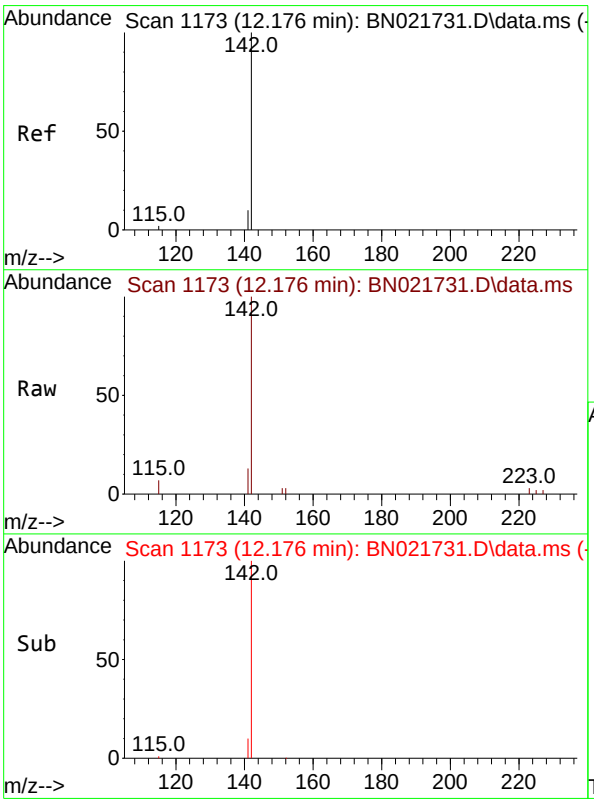
#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 12.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 15710

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4

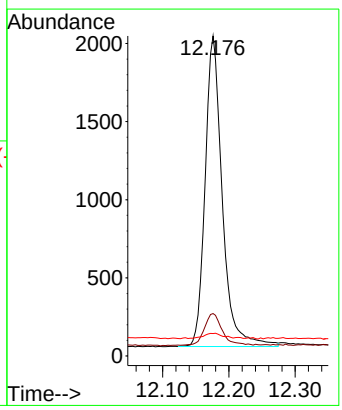


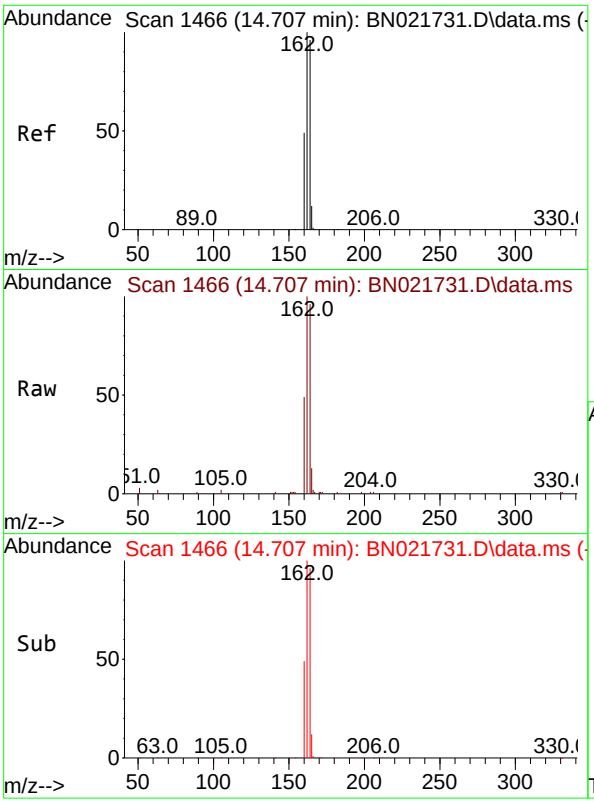


#12
2-Methylnaphthalene
Concen: 0.595 ng
RT: 12.176 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:142 Resp: 3575

Ion	Ratio	Lower	Upper
142	100		
141	13.3	10.6	16.0
115	7.0	5.6	8.4



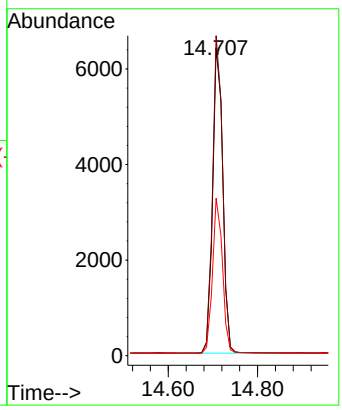


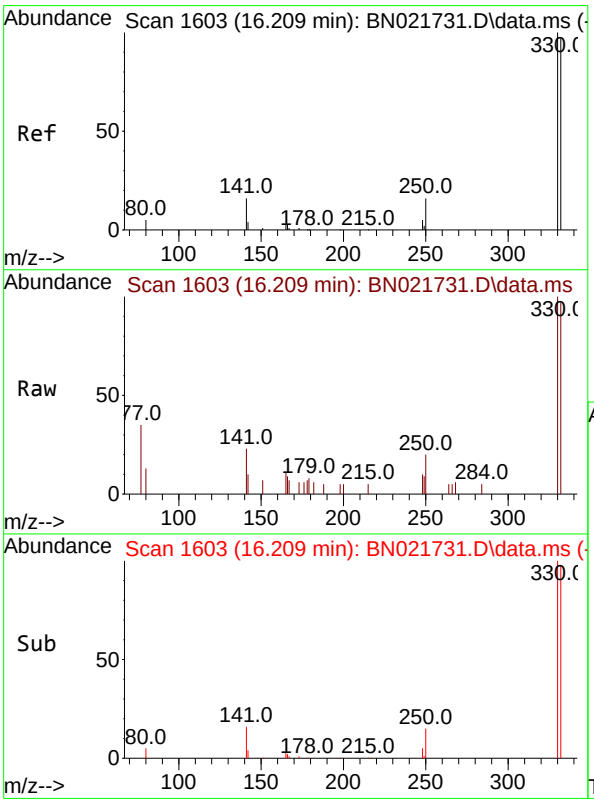
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 10022

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.2	124.8
160	51.1	40.9	61.3

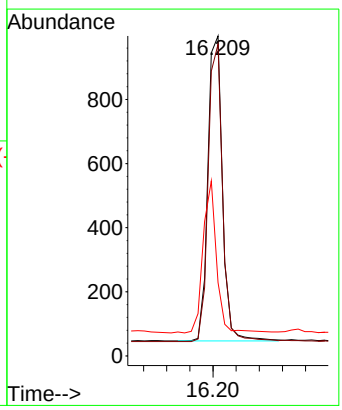


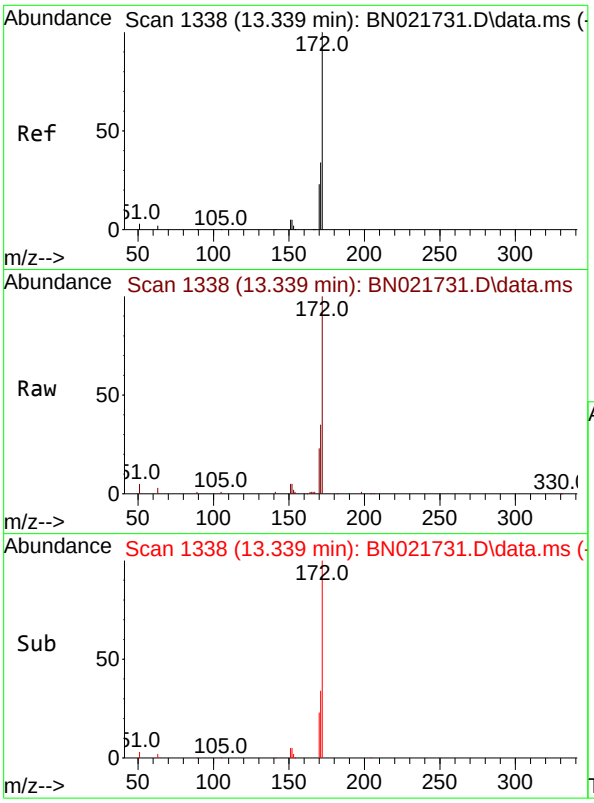


#14
2,4,6-Tribromophenol
Concen: 0.504 ng
RT: 16.209 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:330 Resp: 1658

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	46.5	37.2	55.8



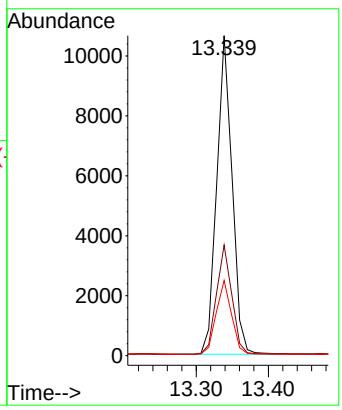


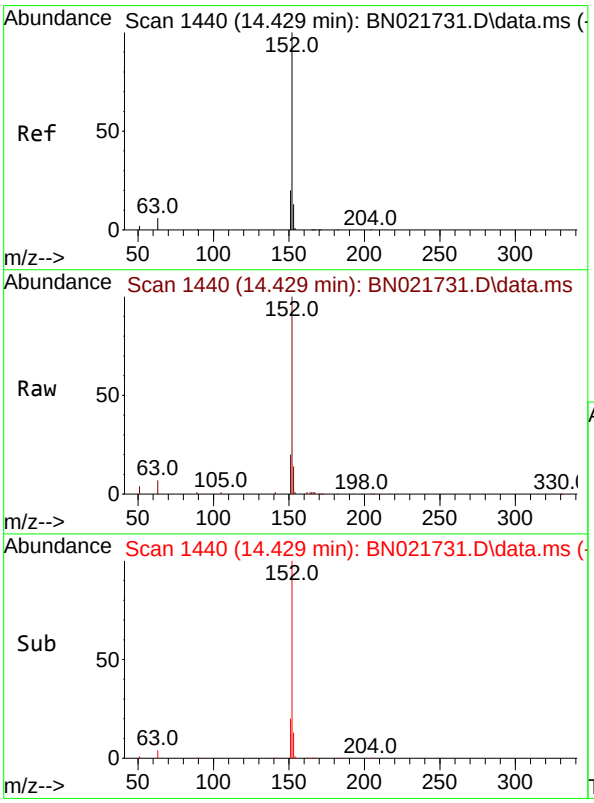
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 15695

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.7	41.5
170	23.5	18.8	28.2

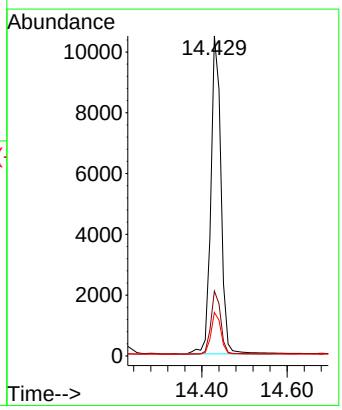


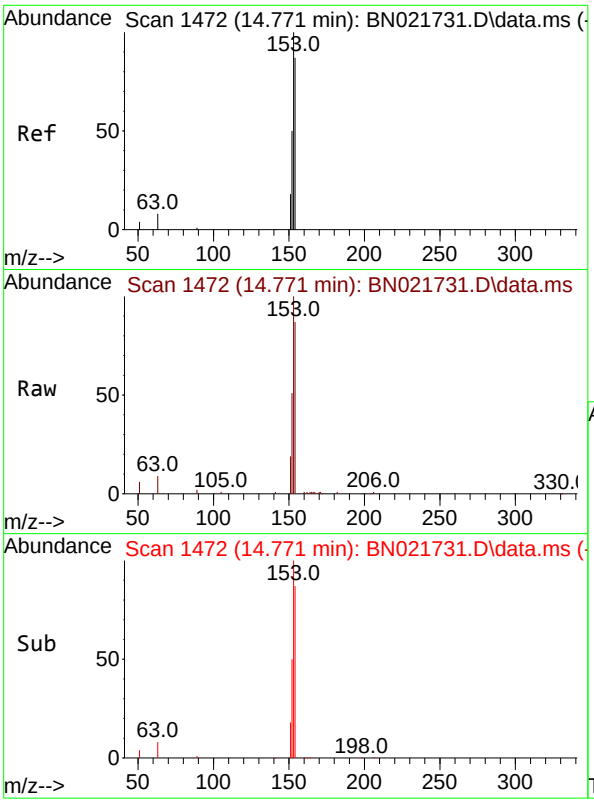


#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.429 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:152 Resp: 17281

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0
153	12.9	10.3	15.5



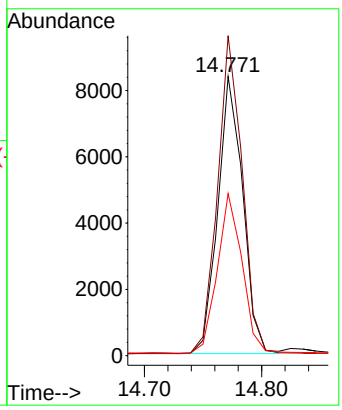


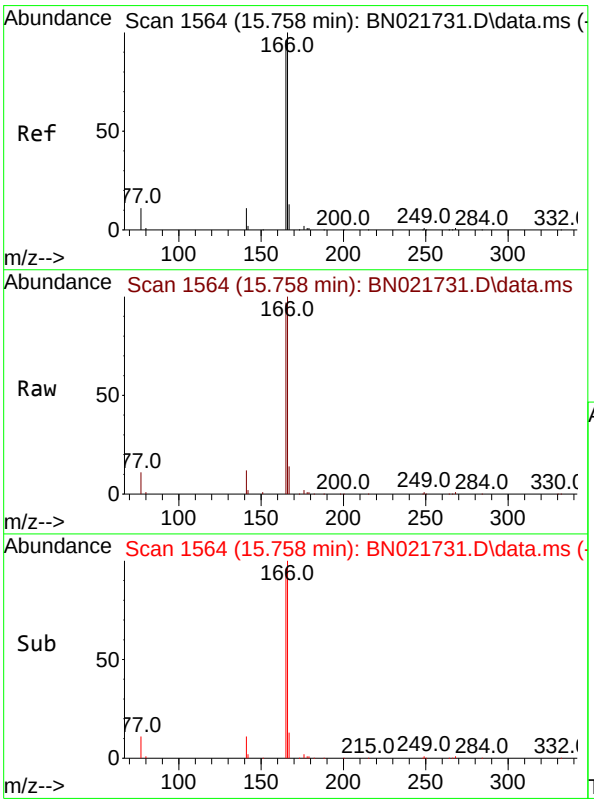
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.771 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 12351

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	57.5	46.0	69.0

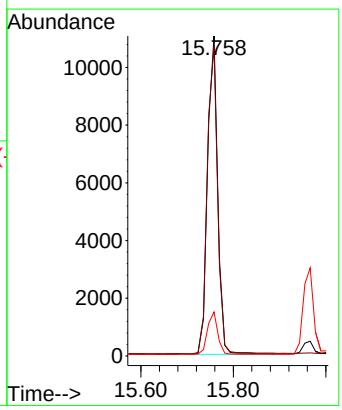


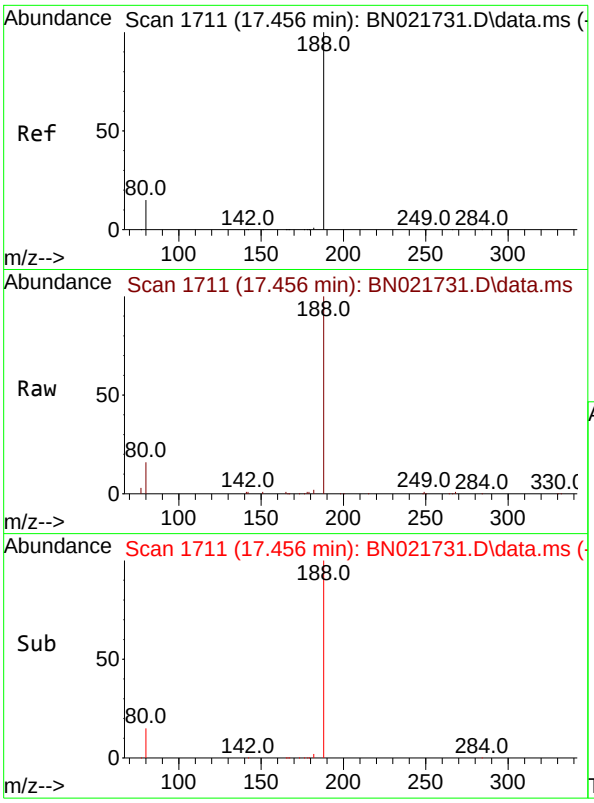


#18
Fluorene
Concen: 0.407 ng
RT: 15.758 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:166 Resp: 16641

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.4	119.0
167	13.2	10.6	15.8



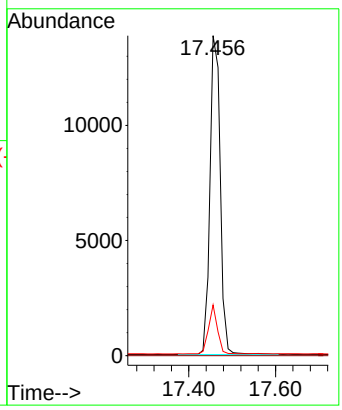


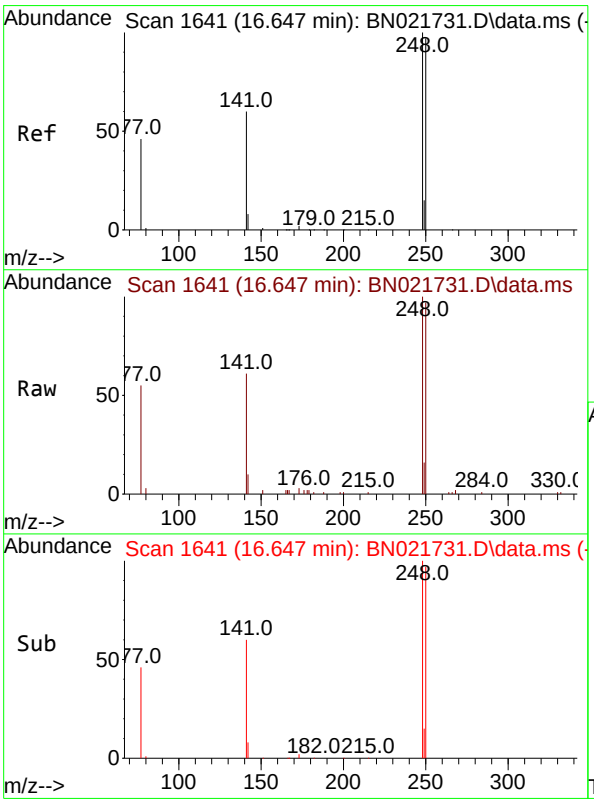
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 22834

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.8	12.6	19.0

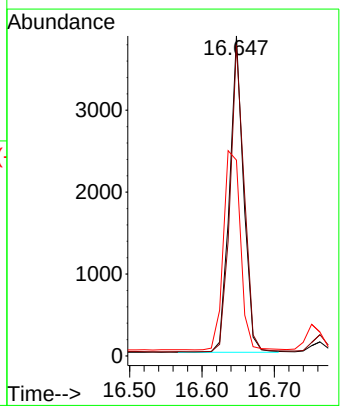


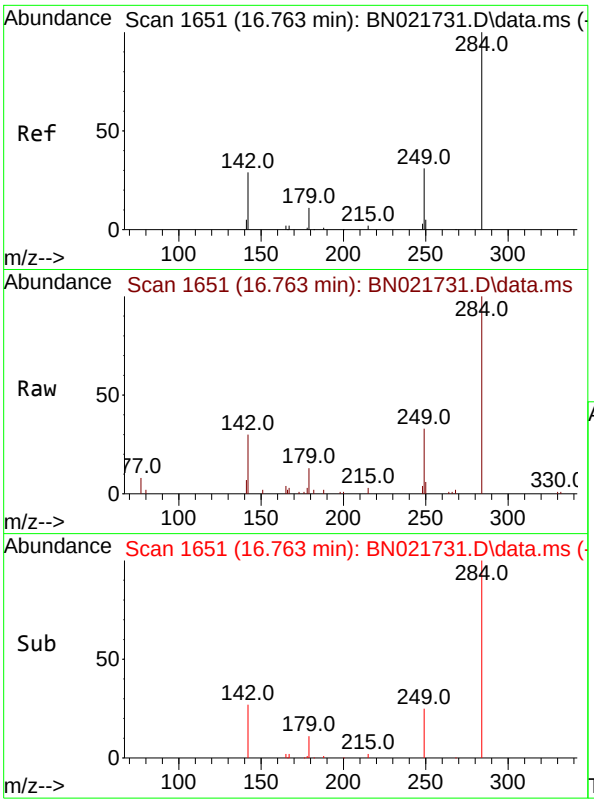


#21
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.647 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:248 Resp: 5208

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.8
141	61.2	49.0	73.4



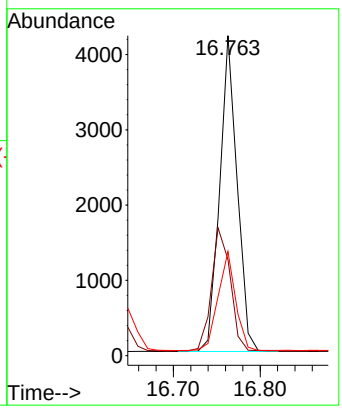


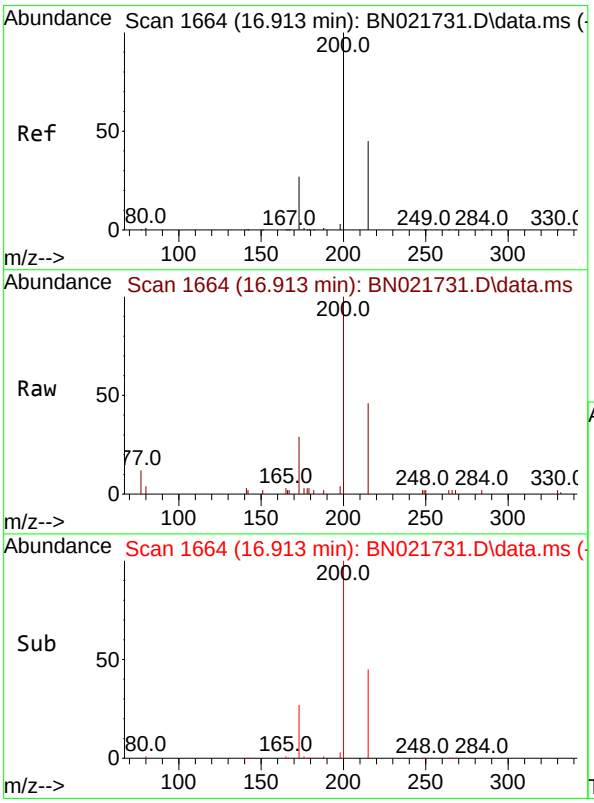
#22
Hexachlorobenzene
Concen: 0.336 ng
RT: 16.763 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 5870

Ion	Ratio	Lower	Upper
284	100		
142	41.8	33.4	50.2
249	31.4	25.1	37.7

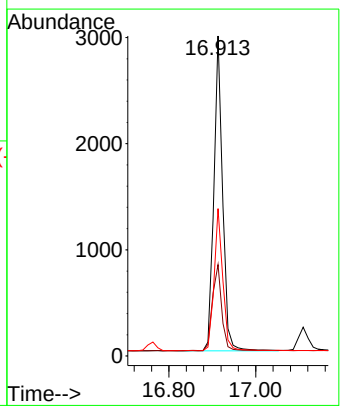


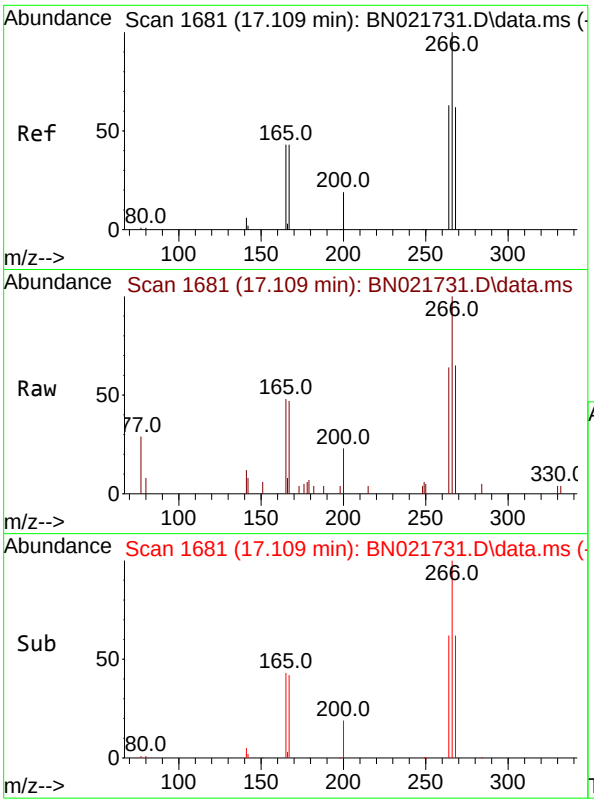


#23
Atrazine
Concen: 0.501 ng
RT: 16.913 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:200 Resp: 4179

Ion	Ratio	Lower	Upper
200	100		
173	28.6	22.9	34.3
215	46.1	36.9	55.3



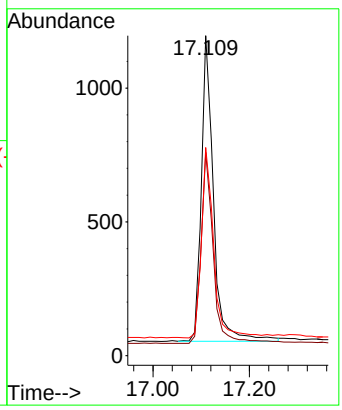


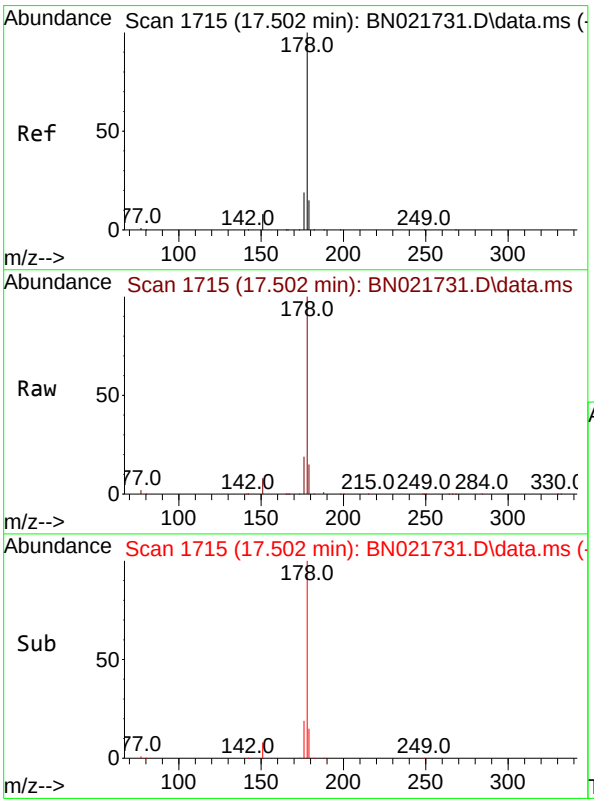
#24
Pentachlorophenol
Concen: 0.533 ng
RT: 17.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:266 Resp: 1983

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.0	75.0
268	62.7	50.2	75.2

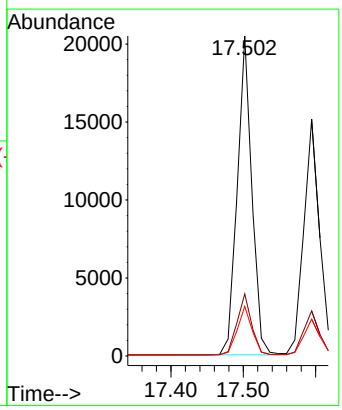


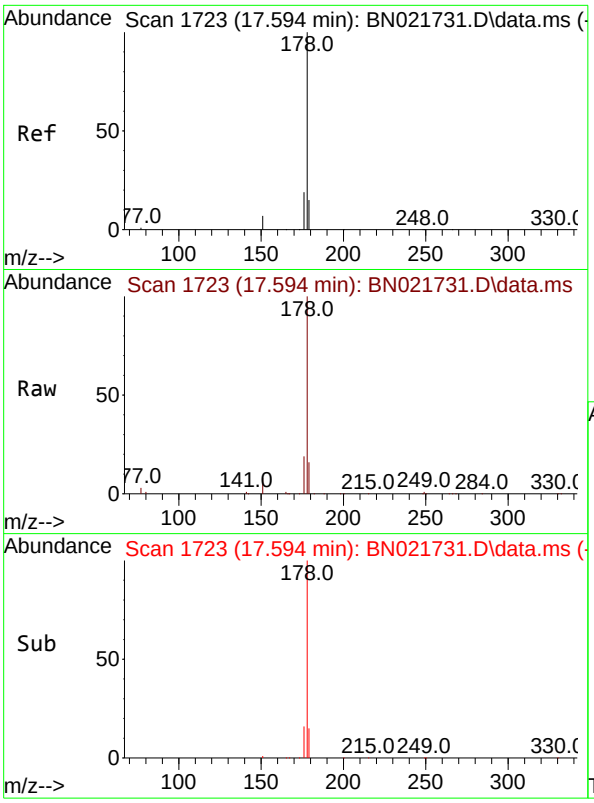


#25
Phenanthrene
Concen: 0.365 ng
RT: 17.502 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:178 Resp: 28731

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.2	18.4



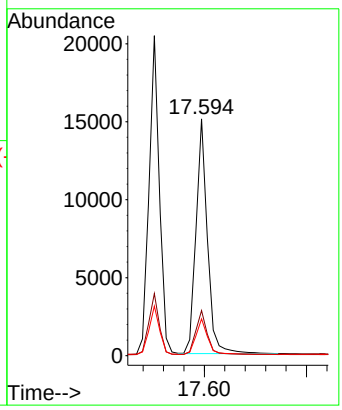


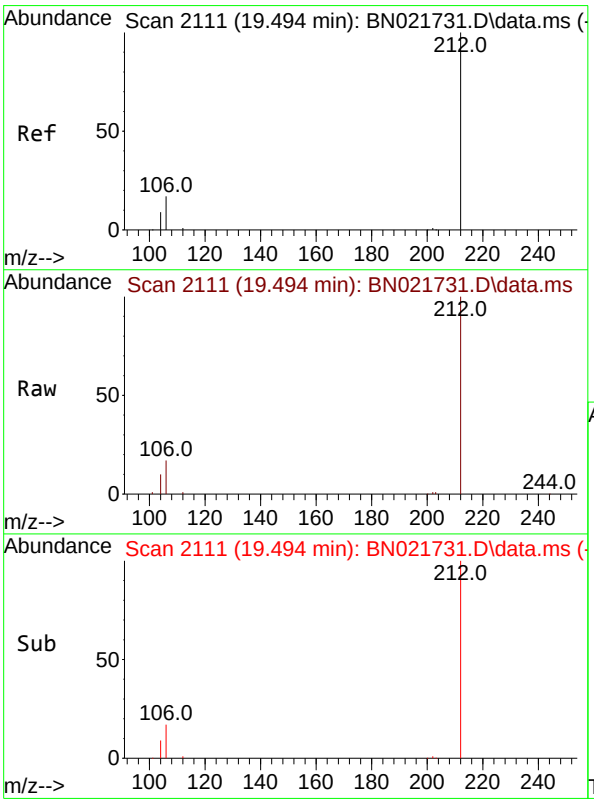
#26
Anthracene
Concen: 0.375 ng
RT: 17.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 23452

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.2	12.2	18.2

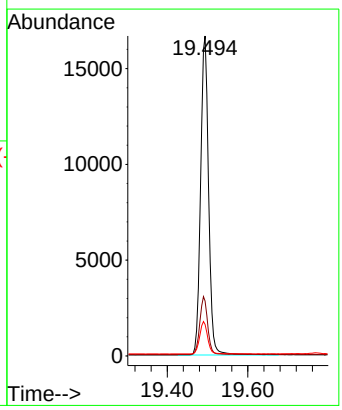


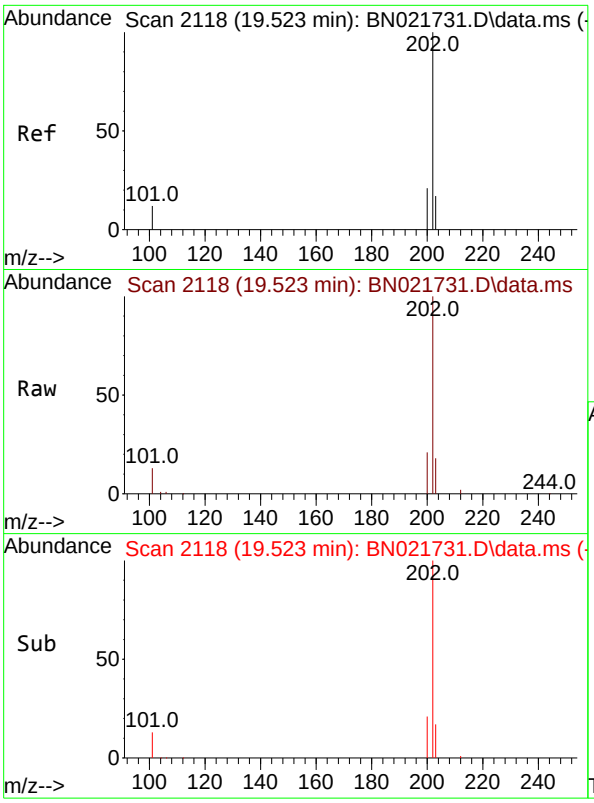


#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.494 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:212 Resp: 22887

Ion	Ratio	Lower	Upper
212	100		
106	17.8	14.3	21.5
104	10.0	8.0	12.0



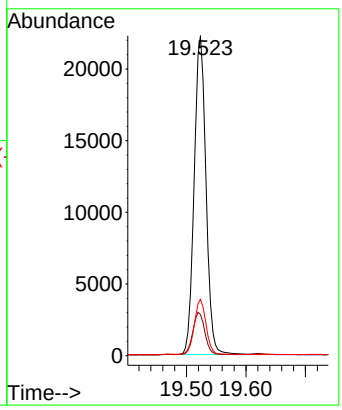


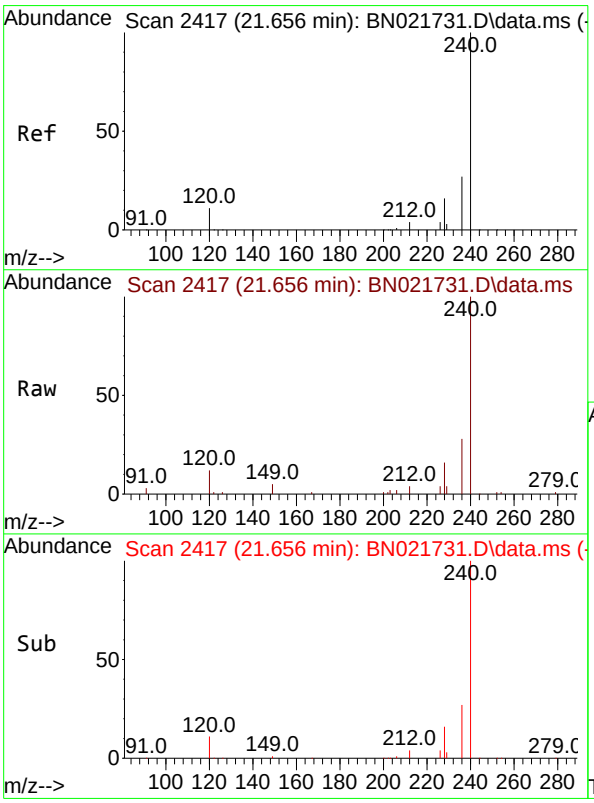
#28
Fluoranthene
Concen: 0.375 ng
RT: 19.523 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:202 Resp: 30697

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
203	17.1	13.7	20.5

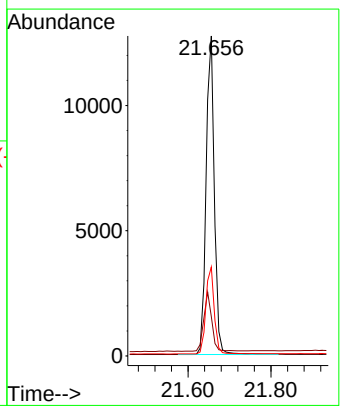


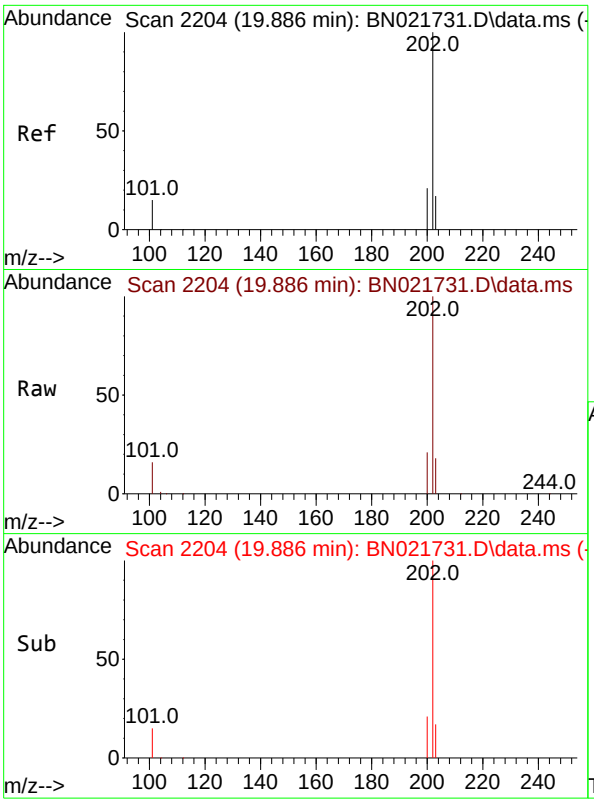


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.656 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:240 Resp: 17612

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.8	14.8
236	27.8	22.2	33.4



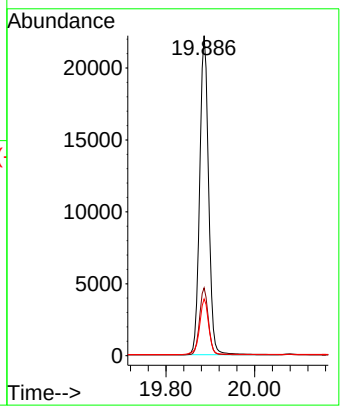


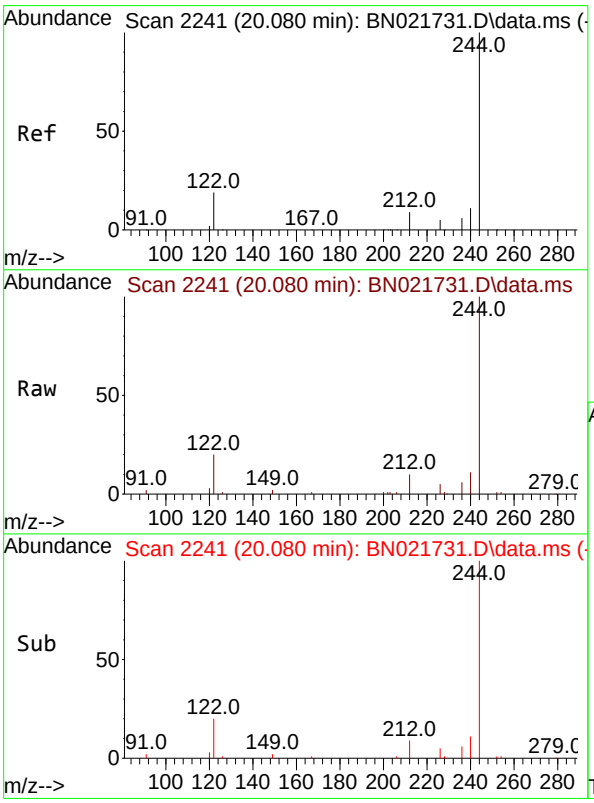
#30
Pyrene
Concen: 0.366 ng
RT: 19.886 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:202 Resp: 34332

Ion	Ratio	Lower	Upper
202	100		
200	18.7	15.0	22.4
203	16.0	12.8	19.2

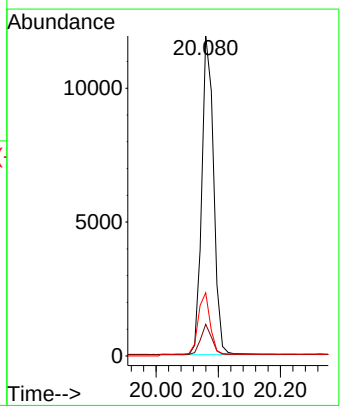


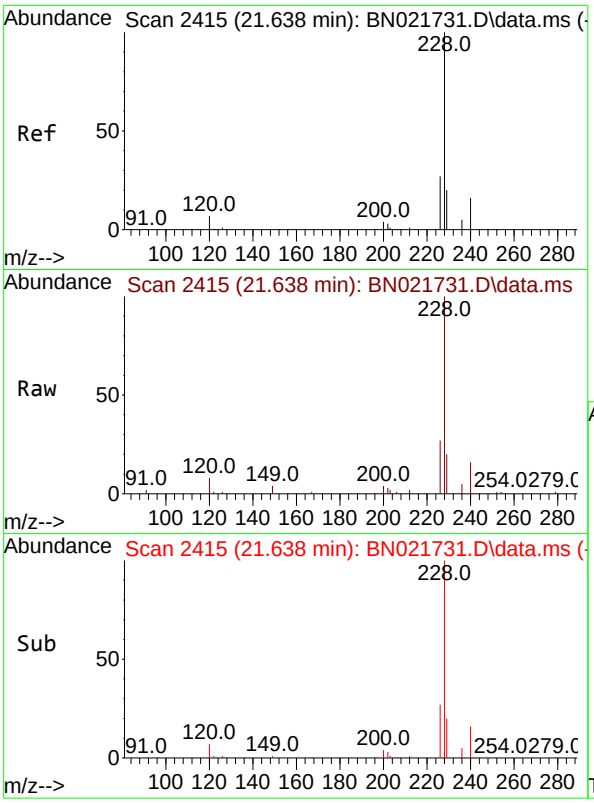


#31
Terphenyl-d14
Concen: 0.397 ng
RT: 20.080 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:244 Resp: 15721

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	19.8	15.8	23.8



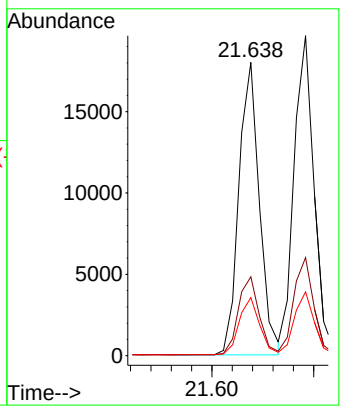


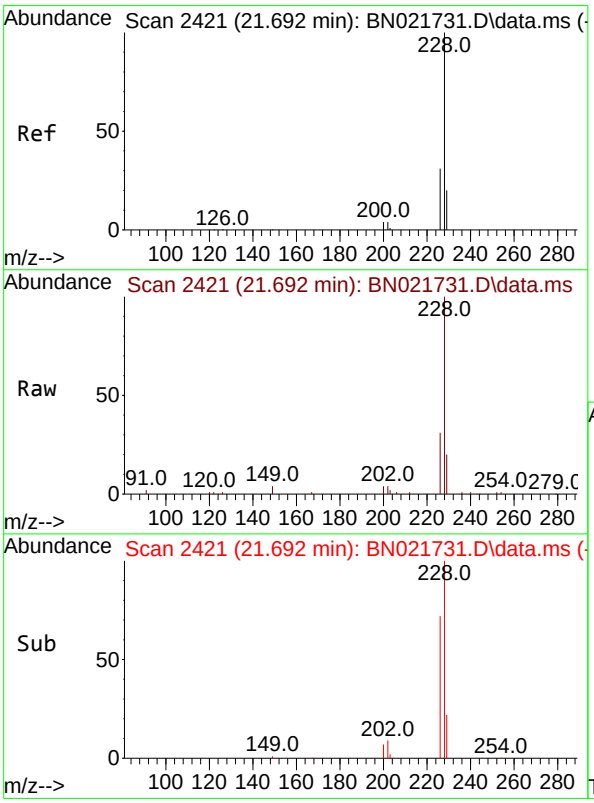
#32
Benzo(a)anthracene
Concen: 0.411 ng
RT: 21.638 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 25179

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	19.8	15.8	23.8

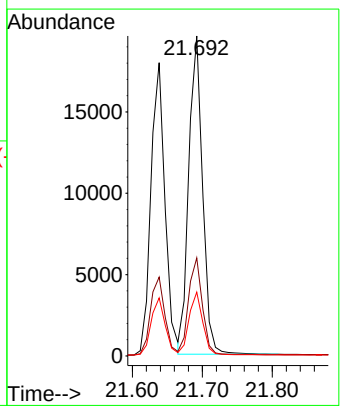


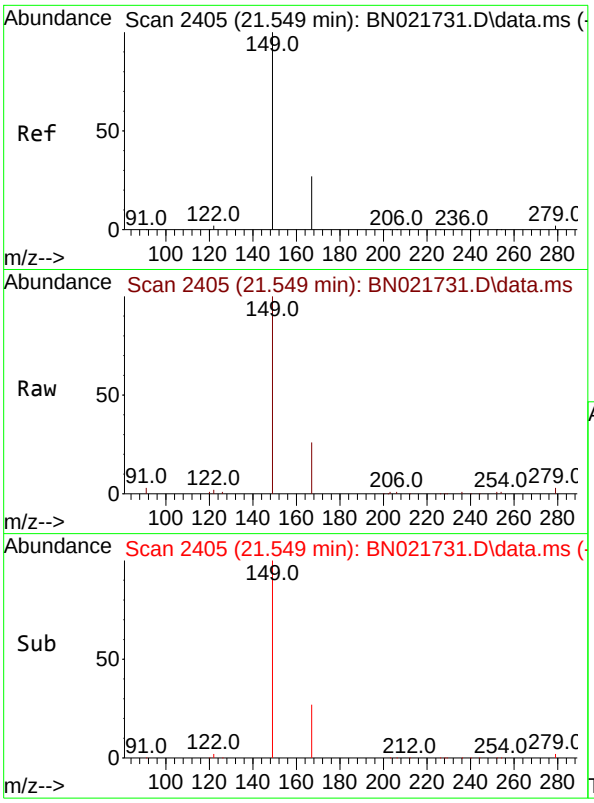


#33
Chrysene
Concen: 0.367 ng
RT: 21.692 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:228 Resp: 26846

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	20.0	16.0	24.0



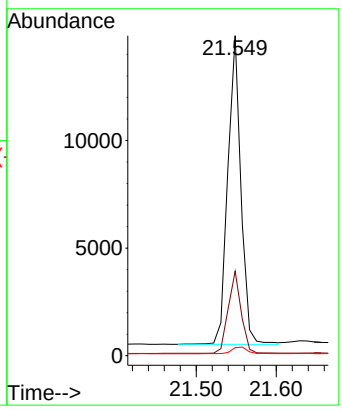


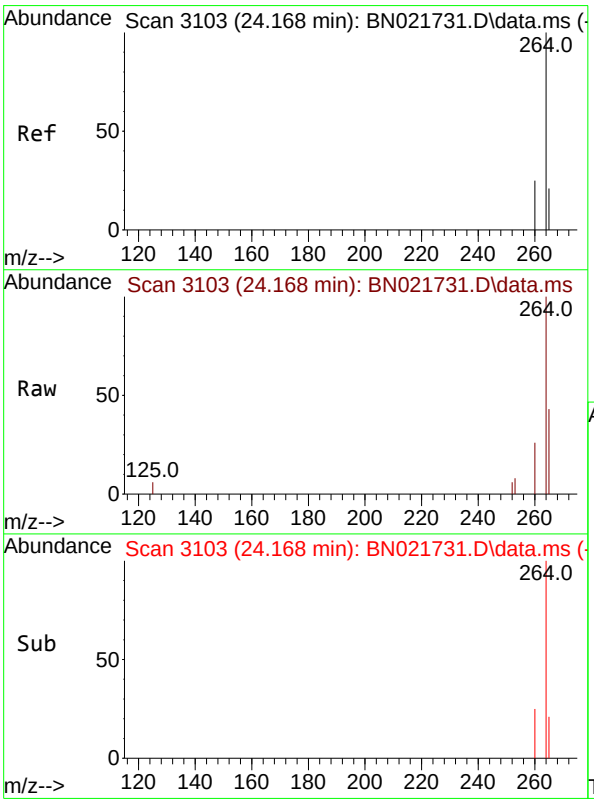
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.660 ng
RT: 21.549 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:149 Resp: 16318

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.8	31.2
279	2.6	2.1	3.1

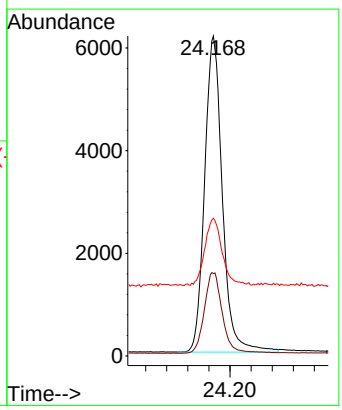


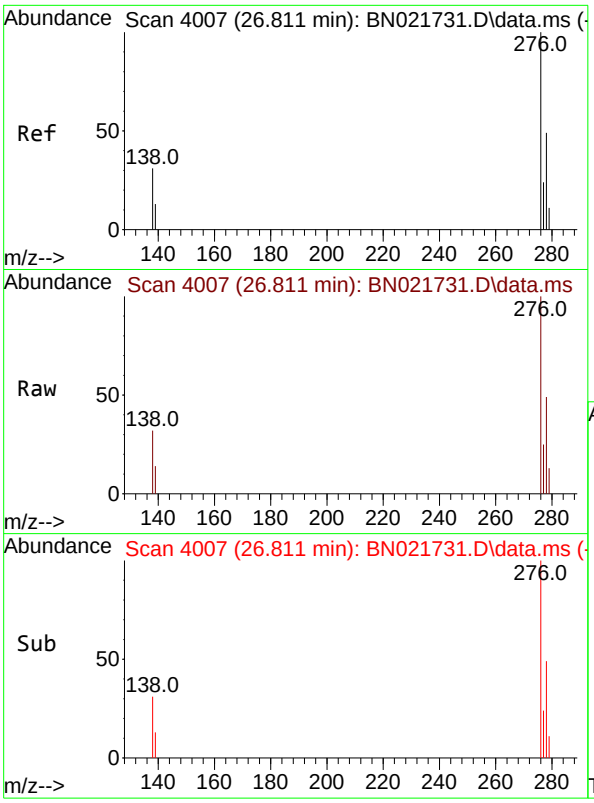


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.168 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:264 Resp: 14341

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	31.0
265	43.0	34.4	51.6



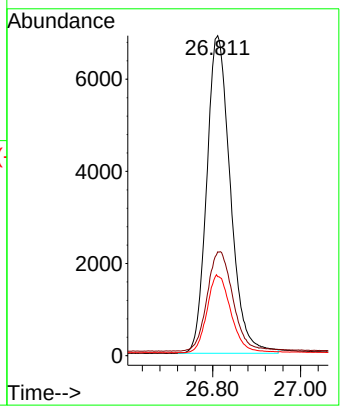


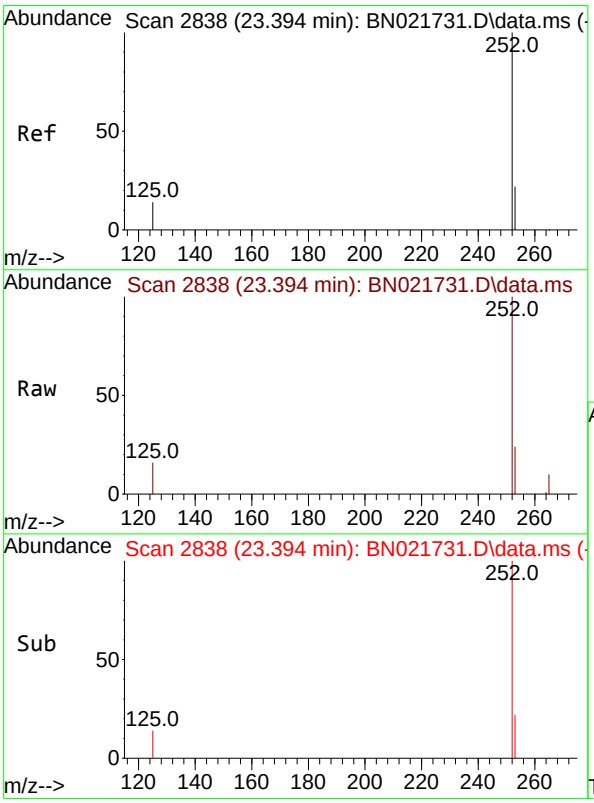
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.811 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 25728

Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.4	41.0
277	24.7	19.8	29.6

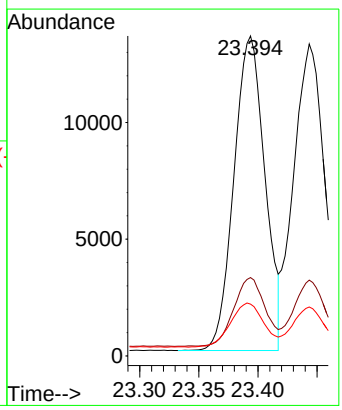


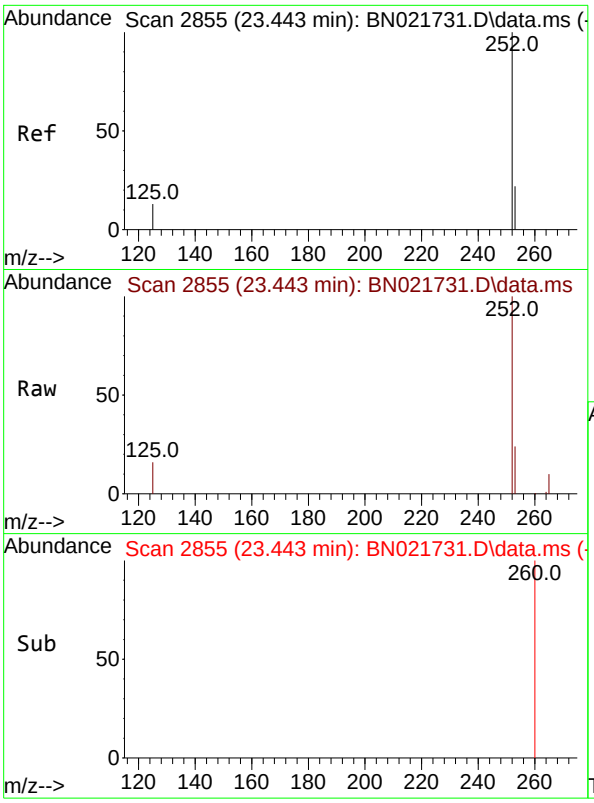


#37
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 23.394 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:252 Resp: 24508

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.6	29.4
125	16.2	13.0	19.4



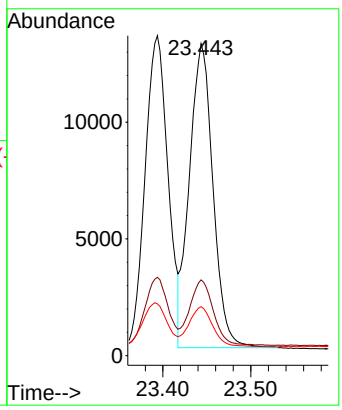


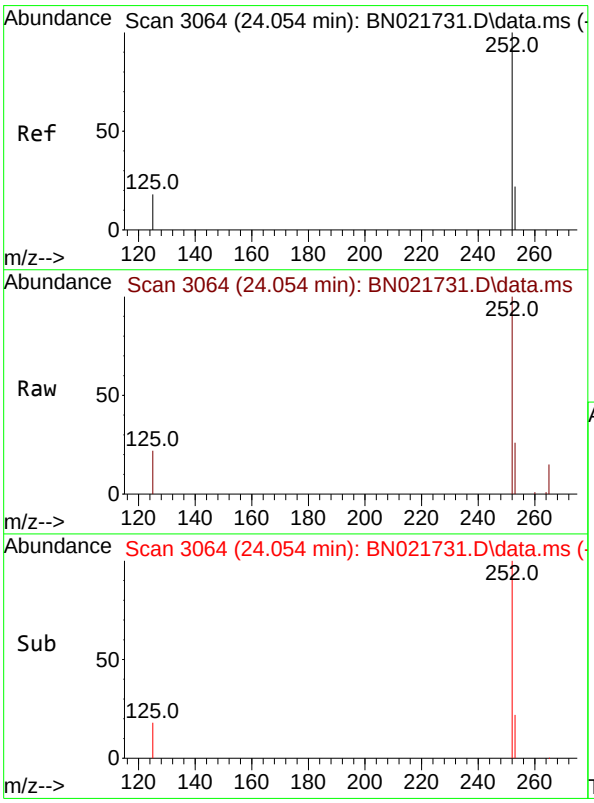
#38
Benzo(k)fluoranthene
Concen: 0.342 ng
RT: 23.443 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 24338

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	15.7	12.6	18.8

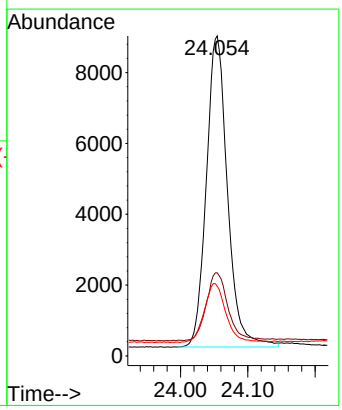


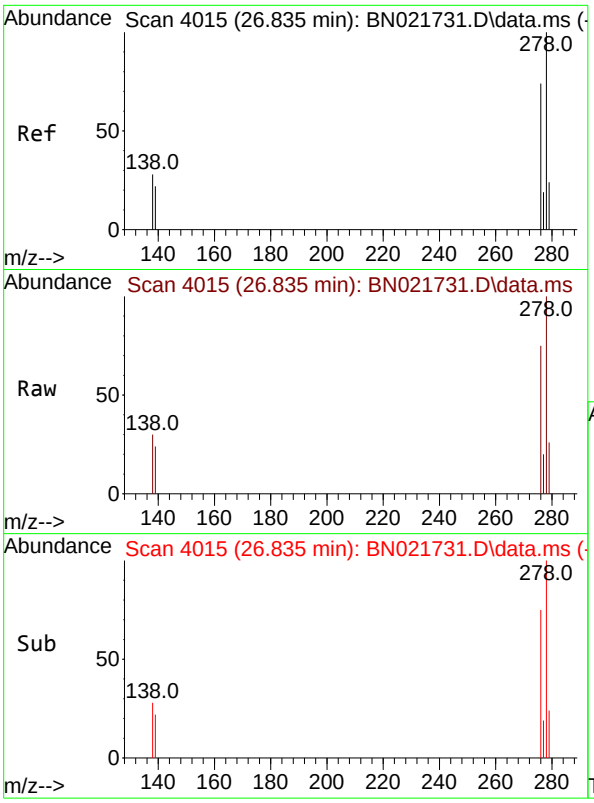


#39
Benzo(a)pyrene
Concen: 0.390 ng
RT: 24.054 min Scan# 3064
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:252 Resp: 19232

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.8	31.2
125	21.7	17.4	26.0



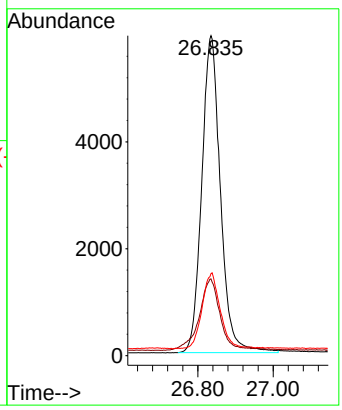


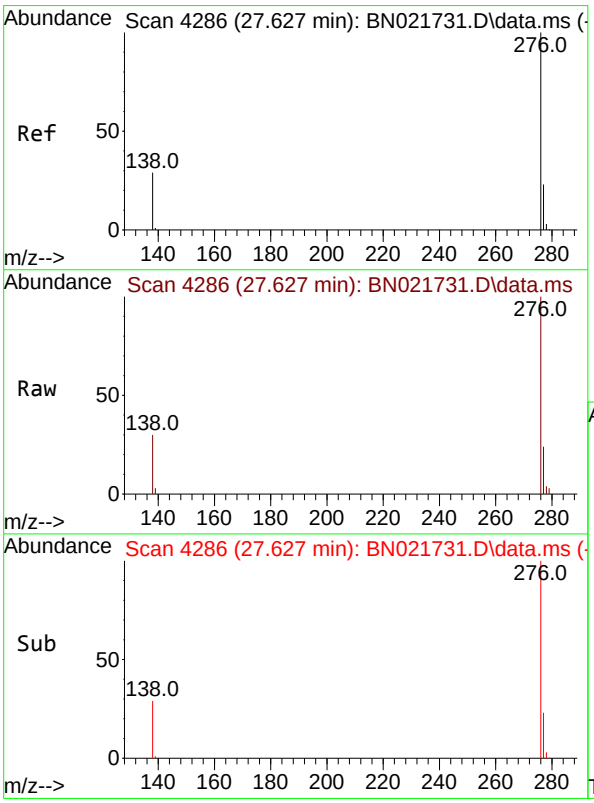
#40
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 26.835 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:278 Resp: 20405

Ion	Ratio	Lower	Upper
278	100		
139	24.0	19.2	28.8
279	25.6	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.365 ng
RT: 27.627 min Scan# 4286
Delta R.T. 0.000 min
Lab File: BN021731.D
Acq: 13 Sep 2022 18:44

Tgt Ion:276 Resp: 20858

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	30.2	24.2	36.2