Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017765.D
Acq On : 07 Dec 2021 15:12
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 08 00:24:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 00:20:56 2021
Response via : Initial Calibration

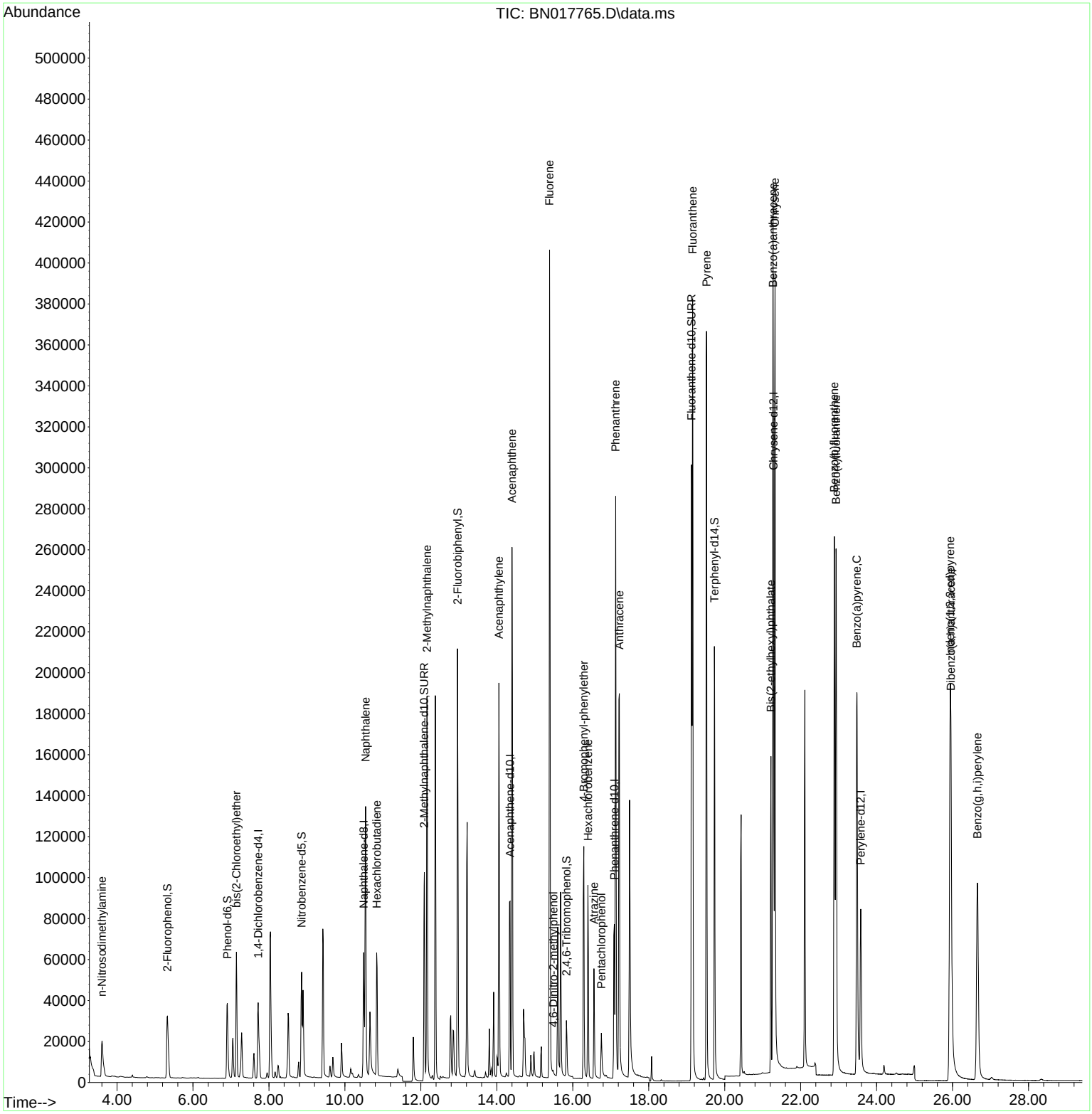
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	22556	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	83000	0.400	ng		0.00
13) Acenaphthene-d10	14.347	164	59797	0.400	ng		0.00
19) Phenanthrene-d10	17.093	188	125262	0.400	ng		0.00
29) Chrysene-d12	21.282	240	131759	0.400	ng		0.00
35) Perylene-d12	23.582	264	118499	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	47130	0.974	ng		0.00
5) Phenol-d6	6.903	99	43958	0.848	ng		0.00
8) Nitrobenzene-d5	8.859	82	46714	0.833	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	149550	0.983	ng		0.00
14) 2,4,6-Tribromophenol	15.832	330	26886	0.937	ng		-0.01
15) 2-Fluorobiphenyl	12.964	172	194271	0.877	ng		0.00
27) Fluoranthene-d10	19.124	212	373722	0.887	ng		0.00
31) Terphenyl-d14	19.730	244	245330	0.726	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.602	42	20495	0.960	ng		99
6) bis(2-Chloroethyl)ether	7.143	93	51379	0.908	ng		99
9) Naphthalene	10.545	128	182997	0.889	ng		100
10) Hexachlorobutadiene	10.836	225	56040	0.845	ng	#	99
12) 2-Methylnaphthalene	12.161	142	142737	1.011	ng		100
16) Acenaphthylene	14.056	152	211086	0.919	ng		100
17) Acenaphthene	14.398	154	138075	0.888	ng		100
18) Fluorene	15.388	166	179712	0.902	ng		100
20) 4,6-Dinitro-2-methylph...	15.489	198	1684	0.583	ng	#	56
21) 4-Bromophenyl-phenylether	16.289	248	67952	0.906	ng		97
22) Hexachlorobenzene	16.399	284	78823	0.857	ng		99
23) Atrazine	16.557	200	47084	0.905	ng		100
24) Pentachlorophenol	16.752	266	16392	0.870	ng		100
25) Phenanthrene	17.129	178	292866	0.887	ng		100
26) Anthracene	17.226	178	257378	0.893	ng		100
28) Fluoranthene	19.154	202	362388	0.907	ng		100
30) Pyrene	19.522	202	368968	0.745	ng		100
32) Benzo(a)anthracene	21.272	228	351381	0.888	ng		100
33) Chrysene	21.325	228	375050	0.890	ng		99
34) Bis(2-ethylhexyl)phtha...	21.219	149	146530	0.705	ng		100
36) Indeno(1,2,3-cd)pyrene	25.937	276	296323	1.197	ng		100
37) Benzo(b)fluoranthene	22.887	252	360221	0.864	ng		99
38) Benzo(k)fluoranthene	22.932	252	340419	0.887	ng		99
39) Benzo(a)pyrene	23.480	252	320625	0.952	ng		99
40) Dibenzo(a,h)anthracene	25.958	278	229059	1.325	ng		99
41) Benzo(g,h,i)perylene	26.656	276	244880	0.983	ng		100

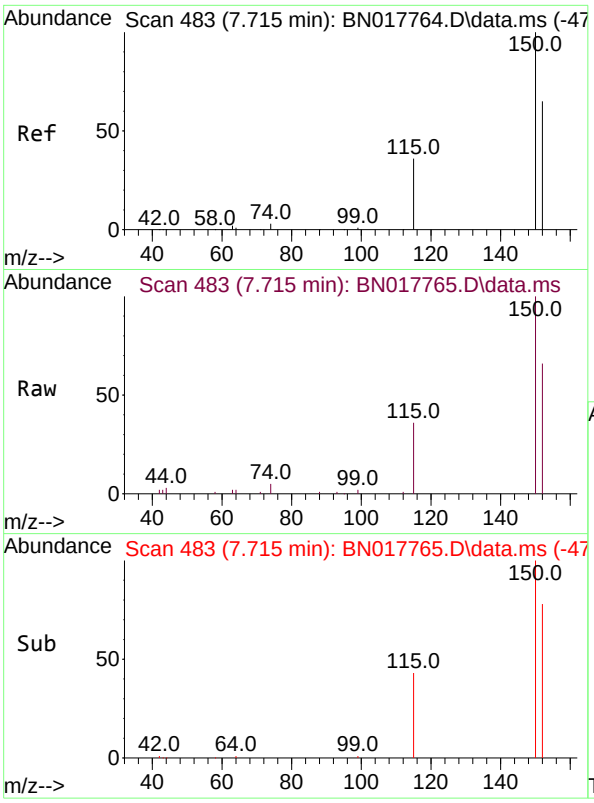
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017765.D
Acq On : 07 Dec 2021 15:12
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 08 00:24:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 00:20:56 2021
Response via : Initial Calibration



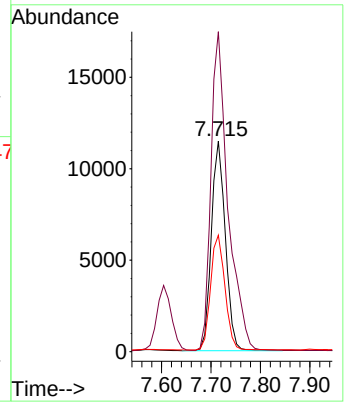


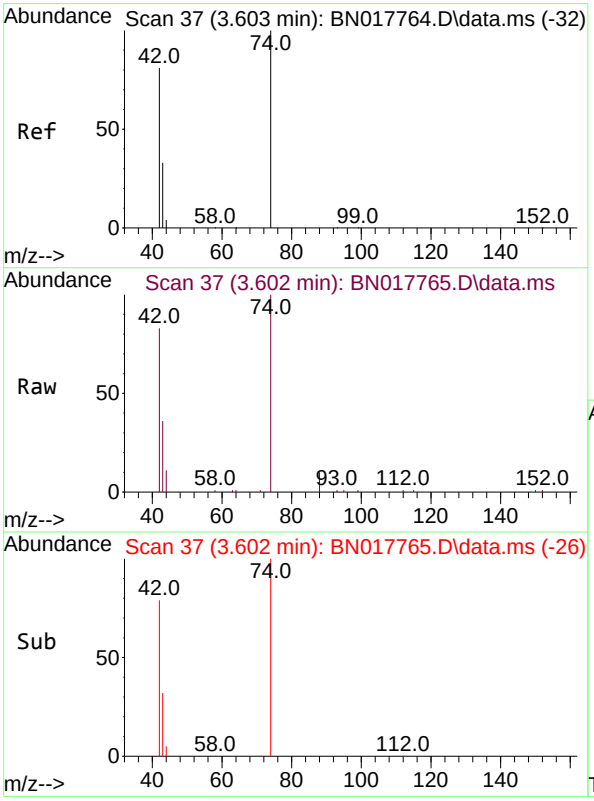
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 22556

Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.0	184.4
115	55.3	45.3	67.9

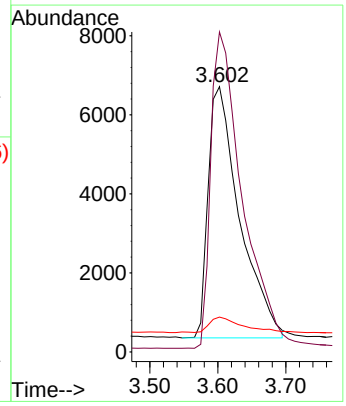


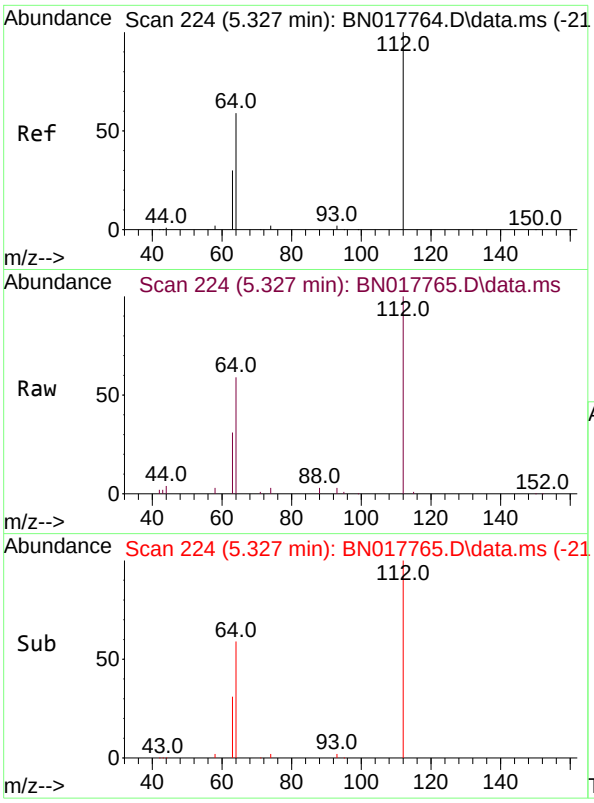


#3
n-Nitrosodimethylamine
Concen: 0.960 ng
RT: 3.602 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion: 42 Resp: 20495

Ion	Ratio	Lower	Upper
42	100		
74	125.8	101.6	152.4
44	6.6	5.1	7.7



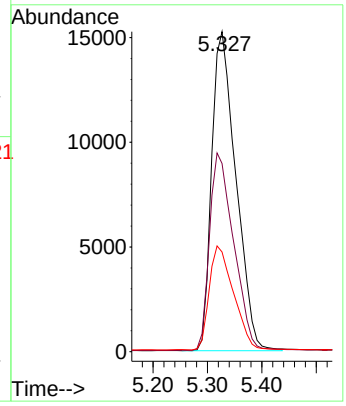


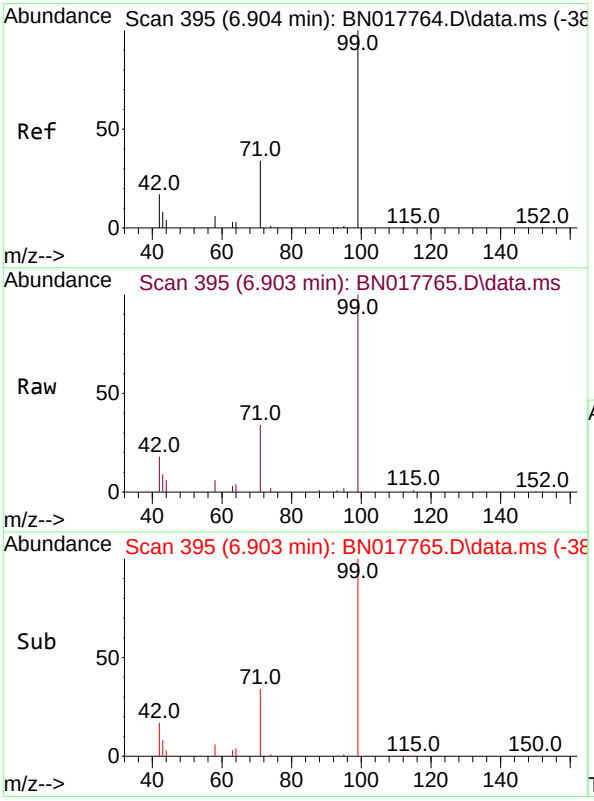
#4
2-Fluorophenol
Concen: 0.974 ng
RT: 5.327 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:112 Resp: 47130

Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.3	73.9
63	32.6	25.8	38.8

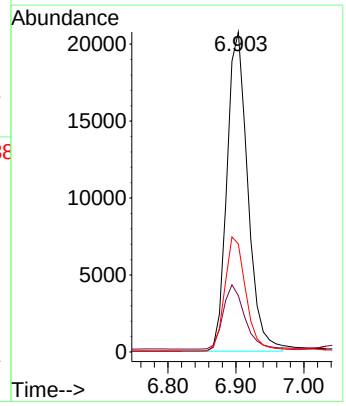


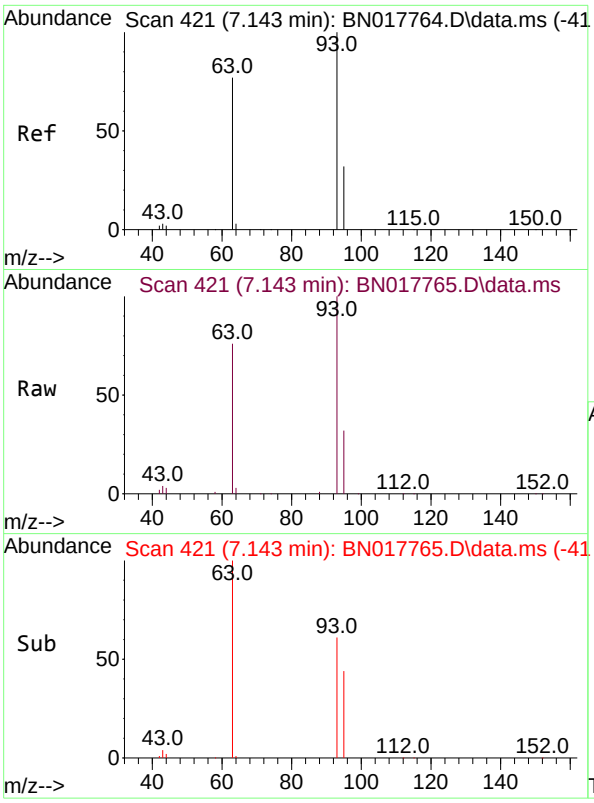


#5
Phenol-d6
Concen: 0.848 ng
RT: 6.903 min Scan# 395
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion: 99 Resp: 43958

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.6	25.0
71	36.0	29.0	43.4



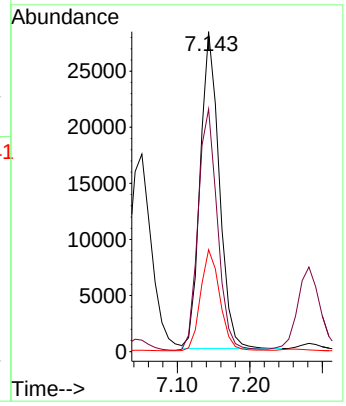


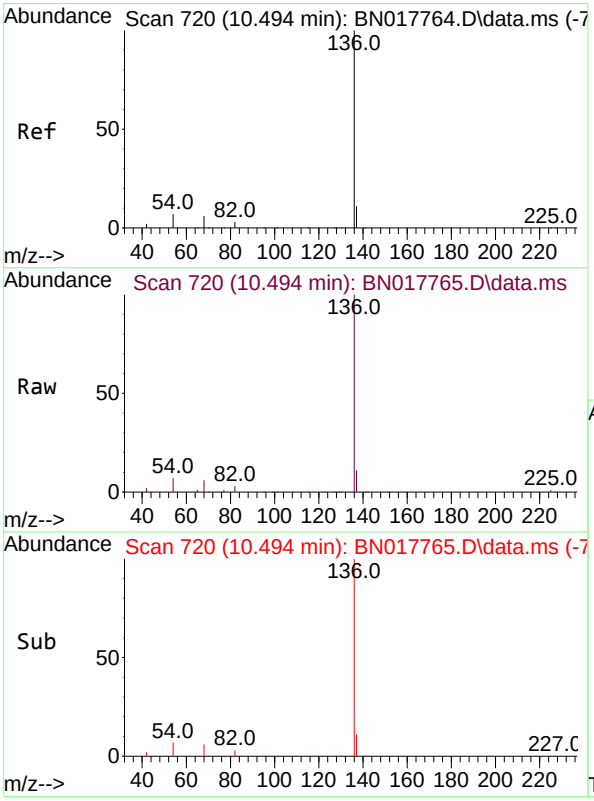
#6
bis(2-Chloroethyl)ether
Concen: 0.908 ng
RT: 7.143 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 93 Resp: 51379

Ion	Ratio	Lower	Upper
93	100		
63	77.9	62.0	93.0
95	32.4	26.4	39.6

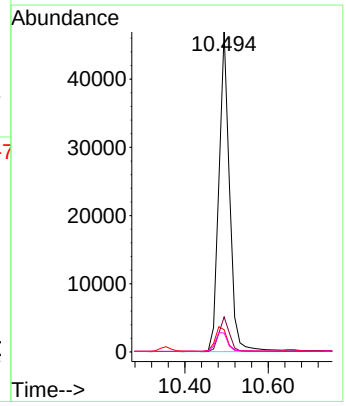


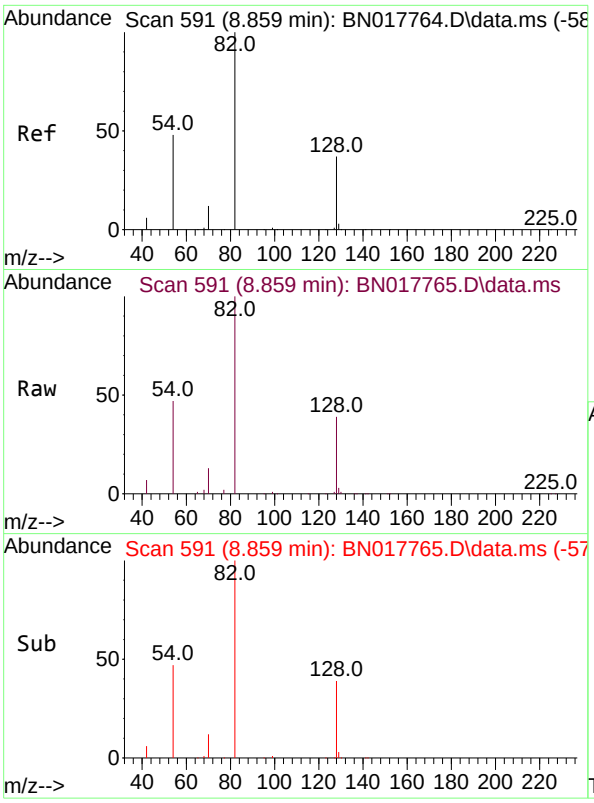


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:136 Resp: 83000

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.9	8.9
68	5.9	5.0	7.6



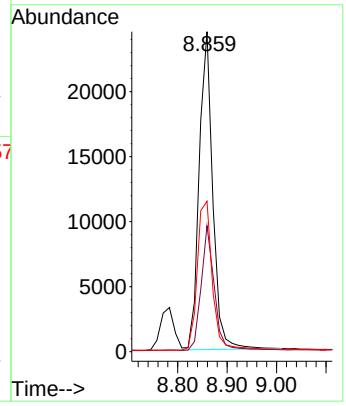


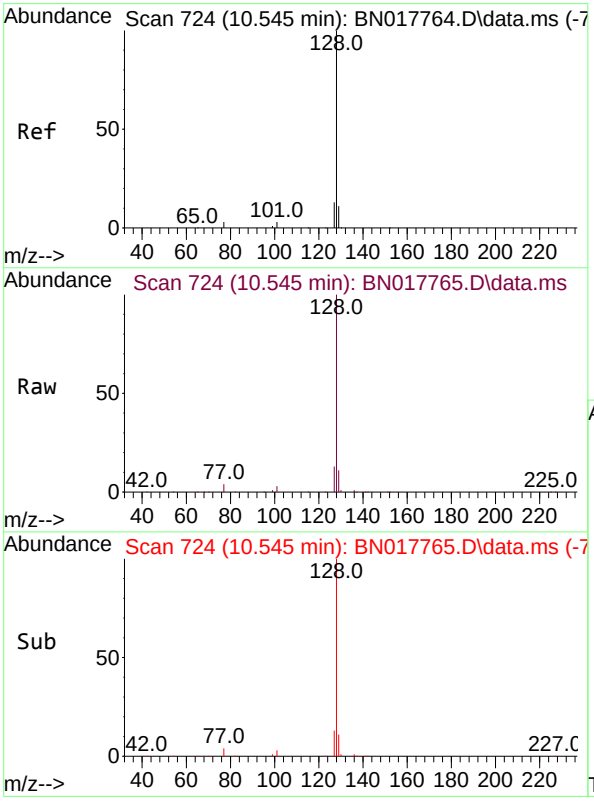
#8
Nitrobenzene-d5
Concen: 0.833 ng
RT: 8.859 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 82 Resp: 46714

Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.2	45.2
54	47.1	39.0	58.6

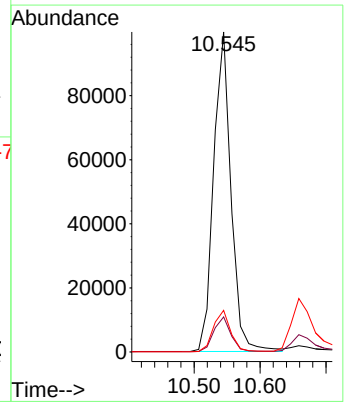


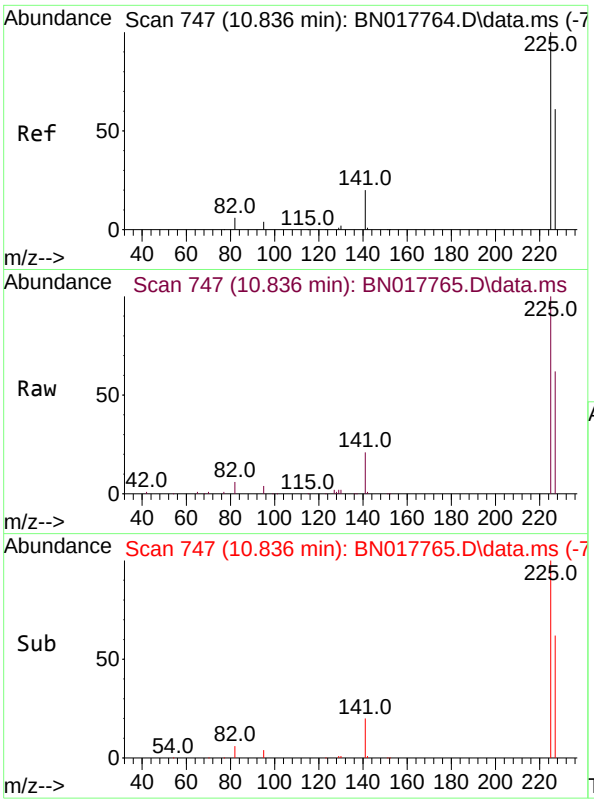


#9
Naphthalene
Concen: 0.889 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:128 Resp: 182997

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.6	15.8



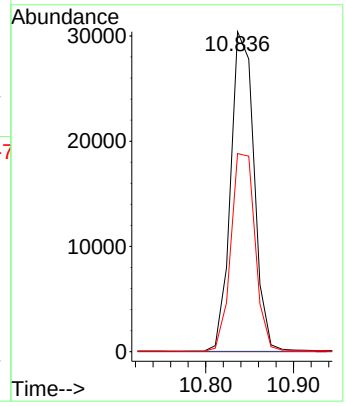


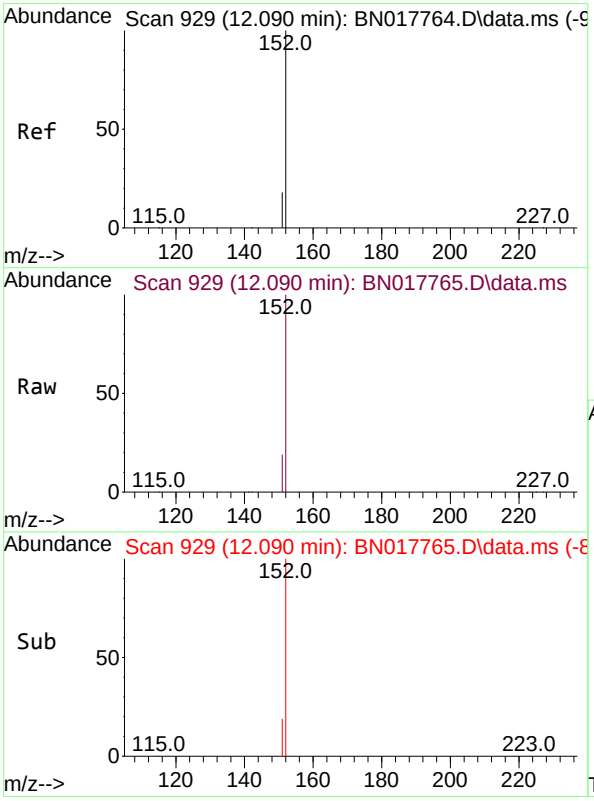
#10
Hexachlorobutadiene
Concen: 0.845 ng
RT: 10.836 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:225 Resp: 56040

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.9	76.3

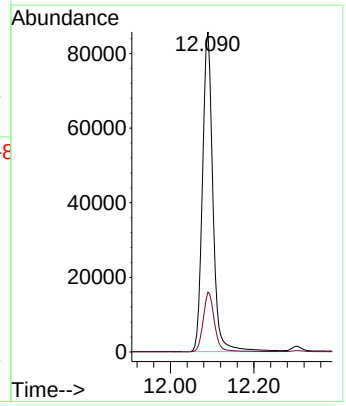


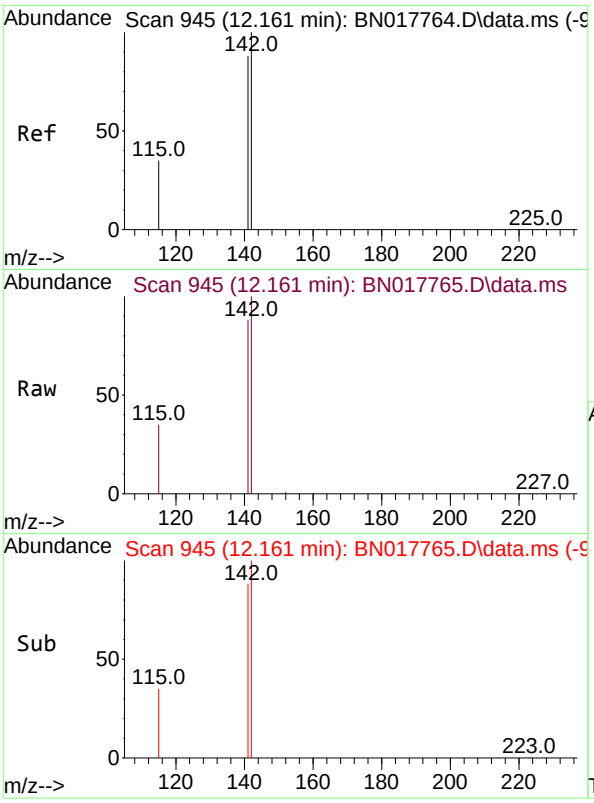


#11
2-Methylnaphthalene-d10
Concen: 0.983 ng
RT: 12.090 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:152 Resp: 149550

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6



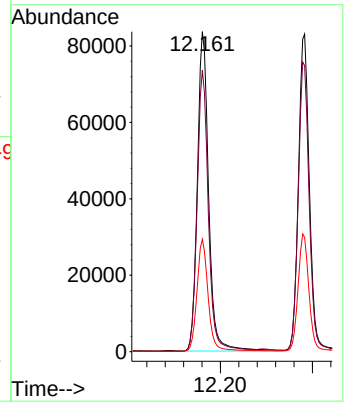


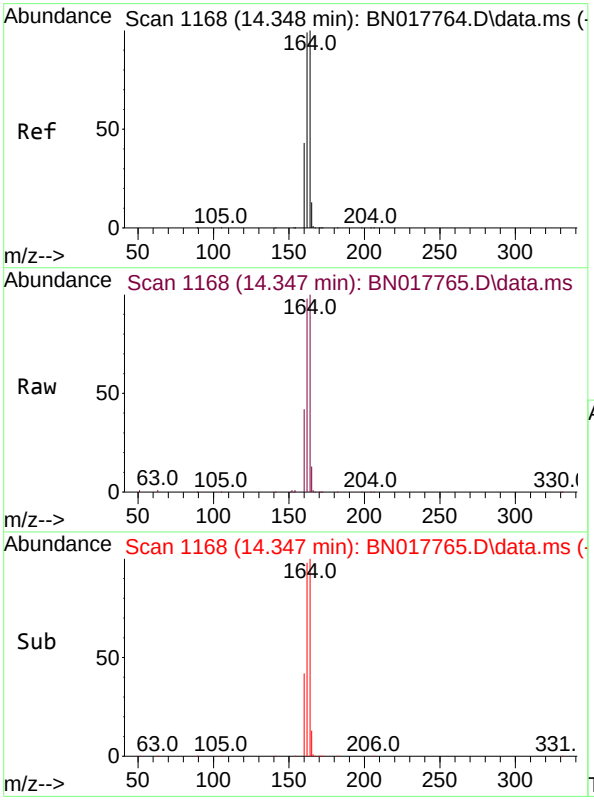
#12
2-Methylnaphthalene
Concen: 1.011 ng
RT: 12.161 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 142737

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.5	105.7
115	35.2	28.0	42.0

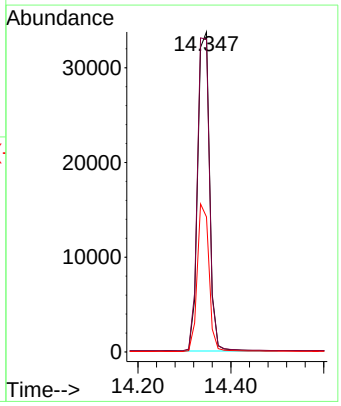


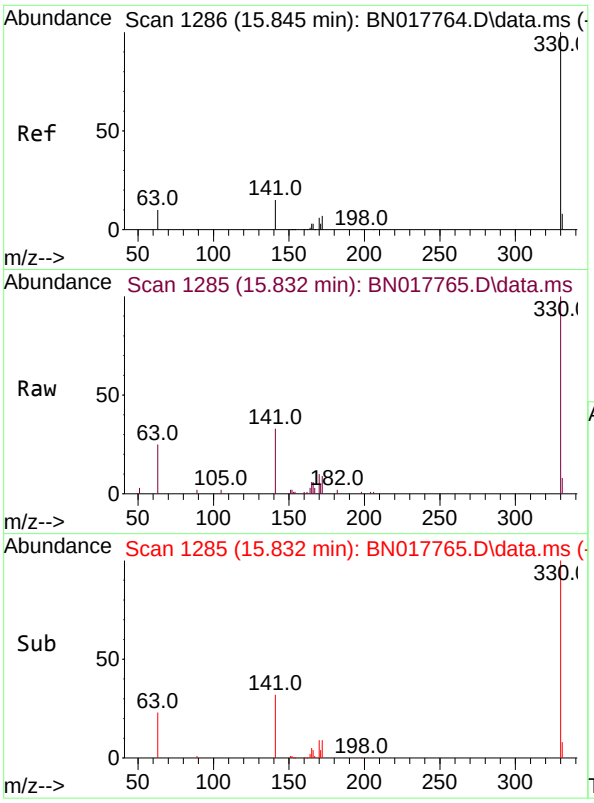


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:164 Resp: 59797

Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.0	118.6
160	42.2	34.6	52.0



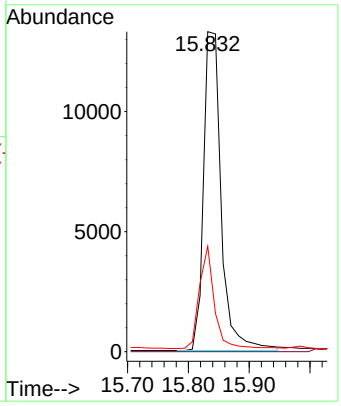


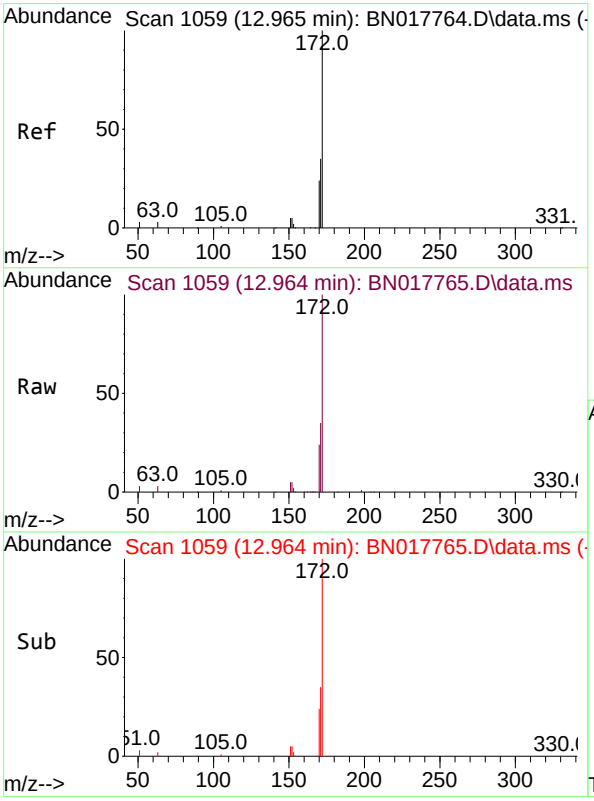
#14
2,4,6-Tribromophenol
Concen: 0.937 ng
RT: 15.832 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 26886

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.1	21.5	32.3

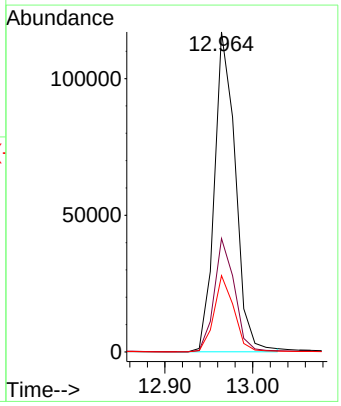


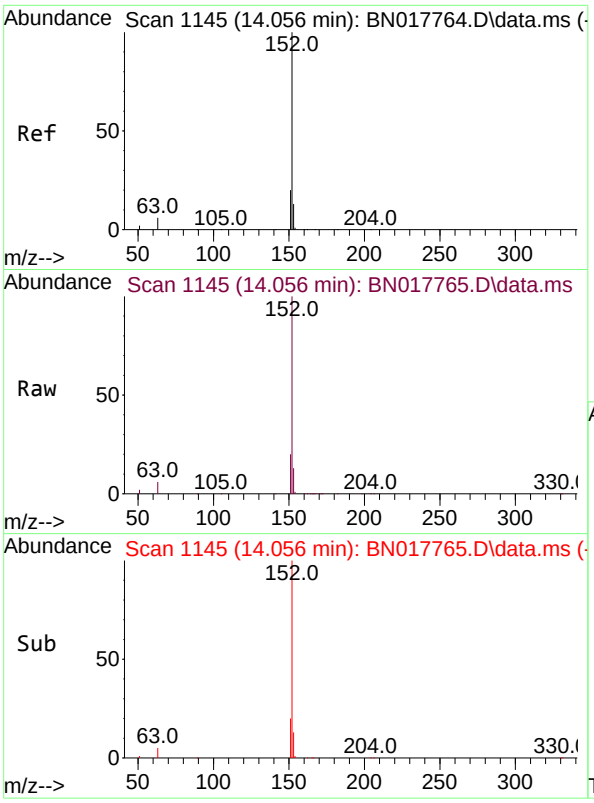


#15
2-Fluorobiphenyl
Concen: 0.877 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:172 Resp: 194271

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.8	18.9	28.3



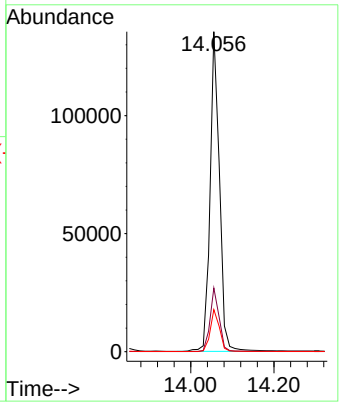


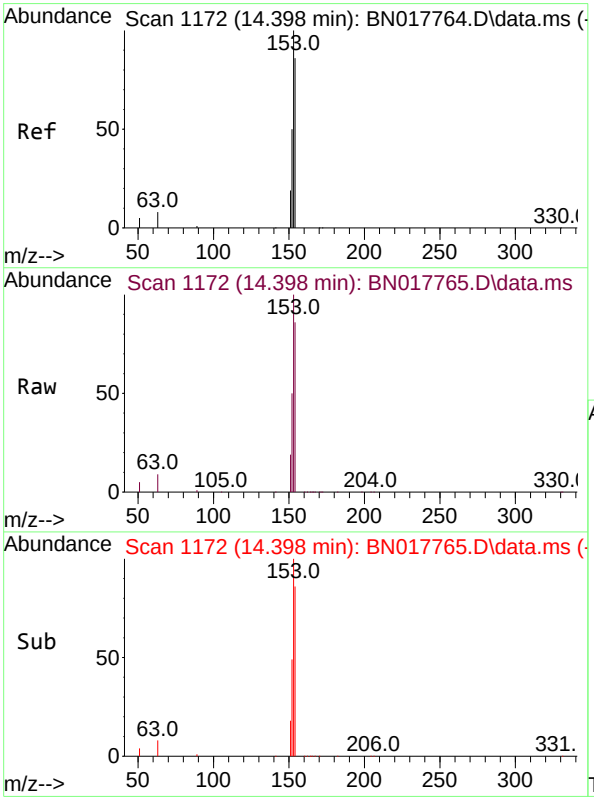
#16
Acenaphthylene
Concen: 0.919 ng
RT: 14.056 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 211086

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.4	15.6

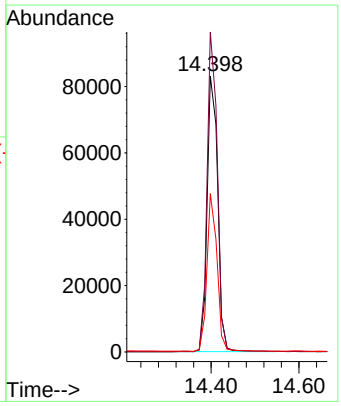


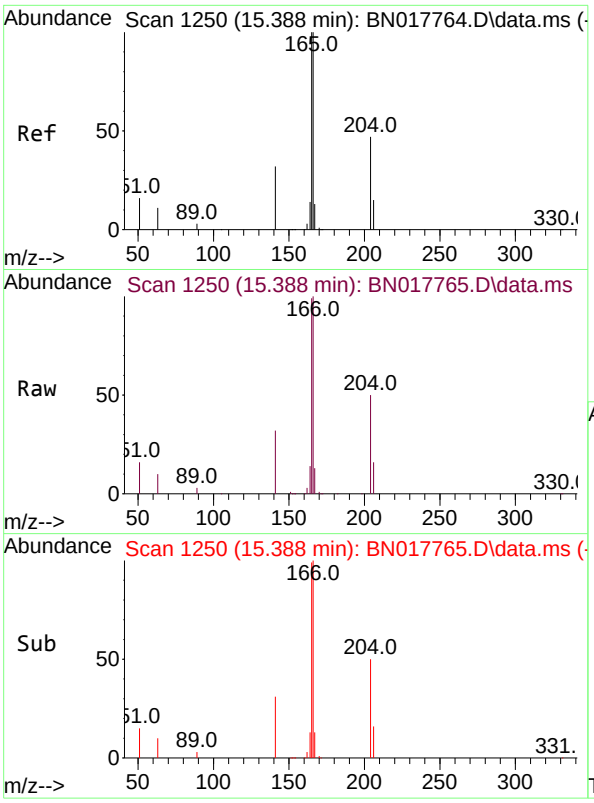


#17
Acenaphthene
Concen: 0.888 ng
RT: 14.398 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:154 Resp: 138075

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	54.4	44.0	66.0



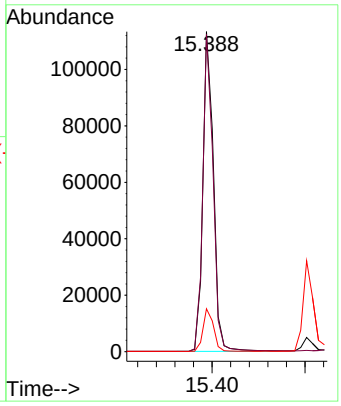


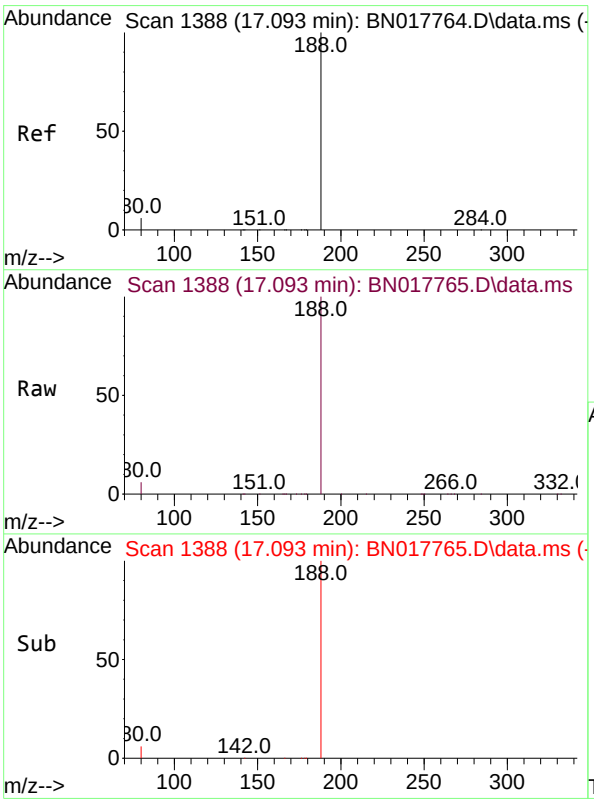
#18
Fluorene
Concen: 0.902 ng
RT: 15.388 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 179712

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.4	11.0	16.4

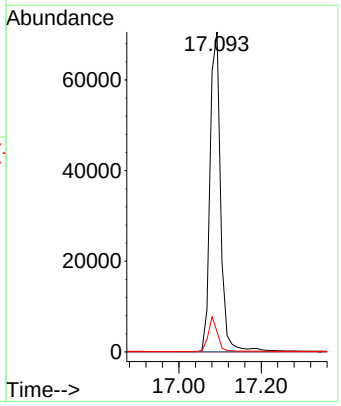


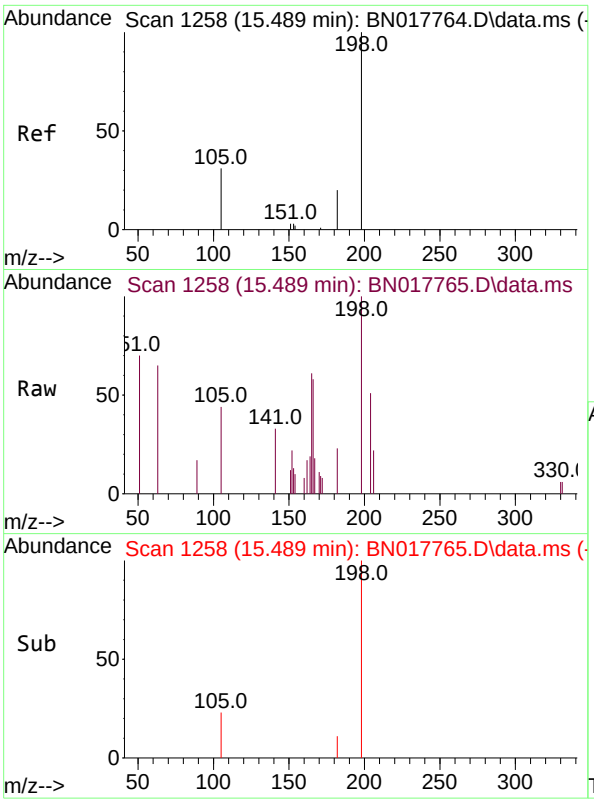


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:188 Resp: 125262

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	5.1	7.7



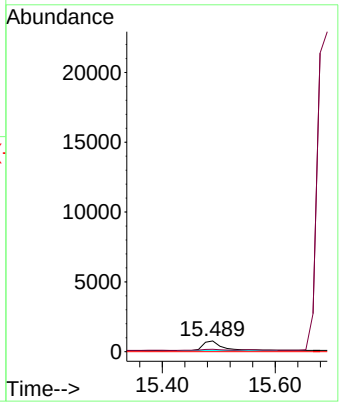


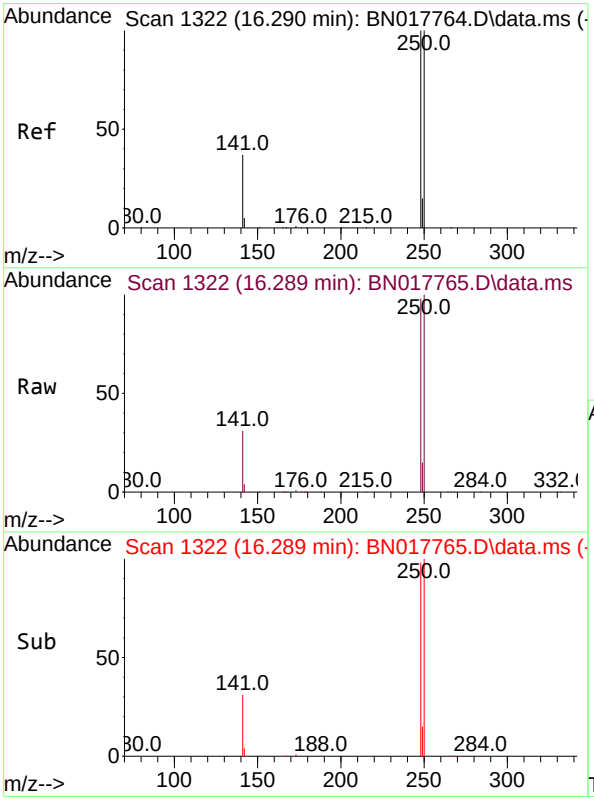
#20
4,6-Dinitro-2-methylphenol
Concen: 0.583 ng
RT: 15.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:198 Resp: 1684

Ion	Ratio	Lower	Upper
198	100		
182	23.0	44.2	66.2#
77	0.0	0.0	0.0

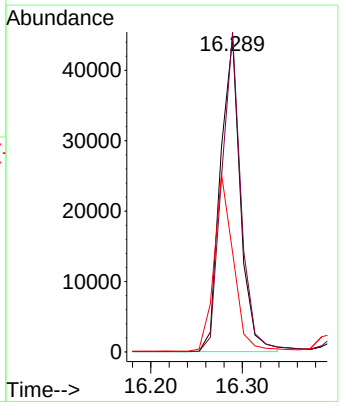


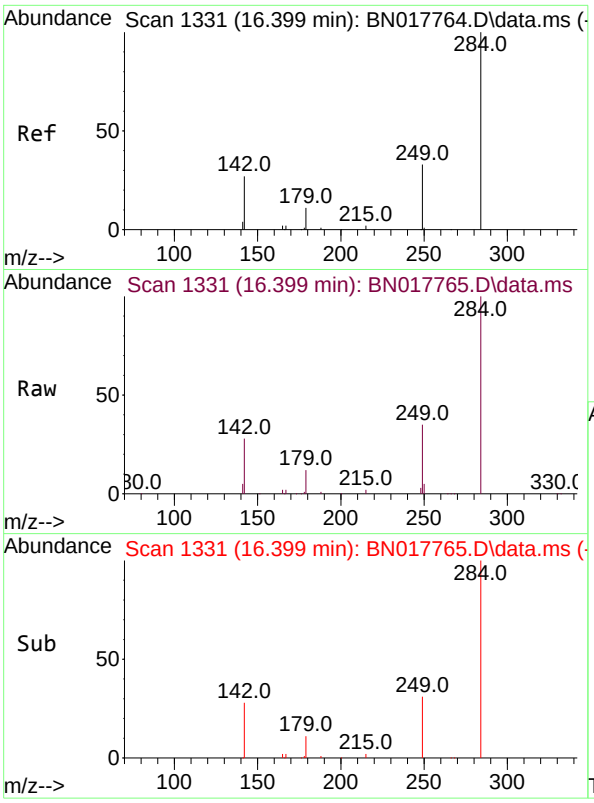


#21
4-Bromophenyl-phenylether
Concen: 0.906 ng
RT: 16.289 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:248 Resp: 67952

Ion	Ratio	Lower	Upper
248	100		
250	101.7	80.3	120.5
141	31.7	29.8	44.8



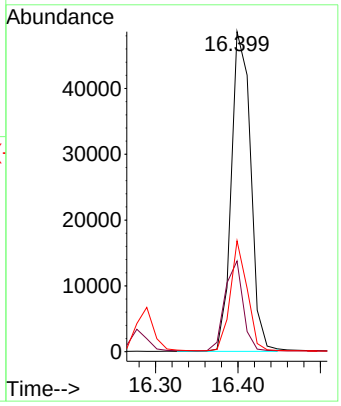


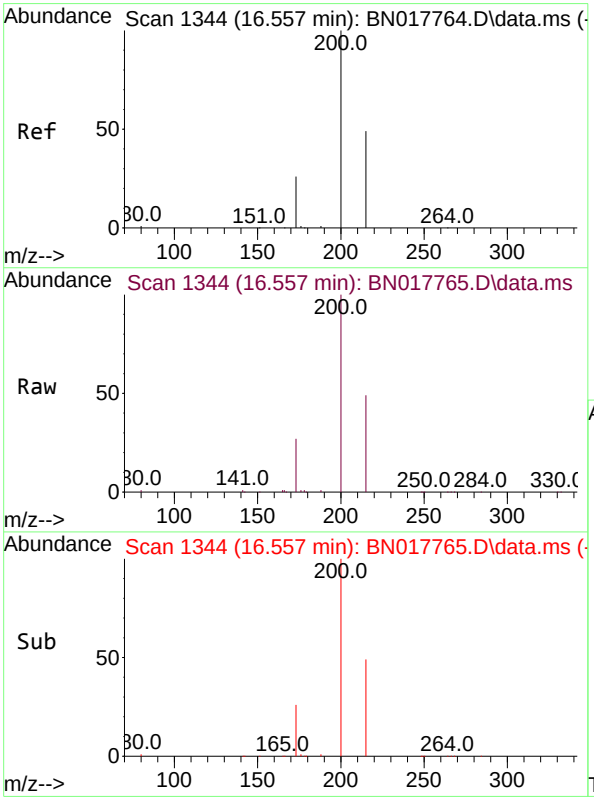
#22
Hexachlorobenzene
Concen: 0.857 ng
RT: 16.399 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 78823

Ion	Ratio	Lower	Upper
284	100		
142	26.5	20.9	31.3
249	30.1	23.8	35.8

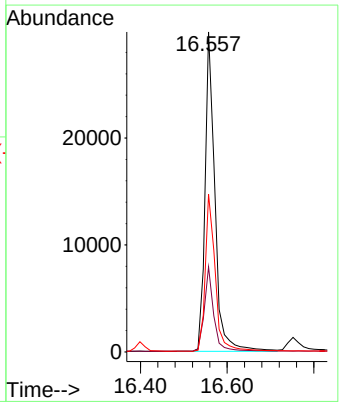


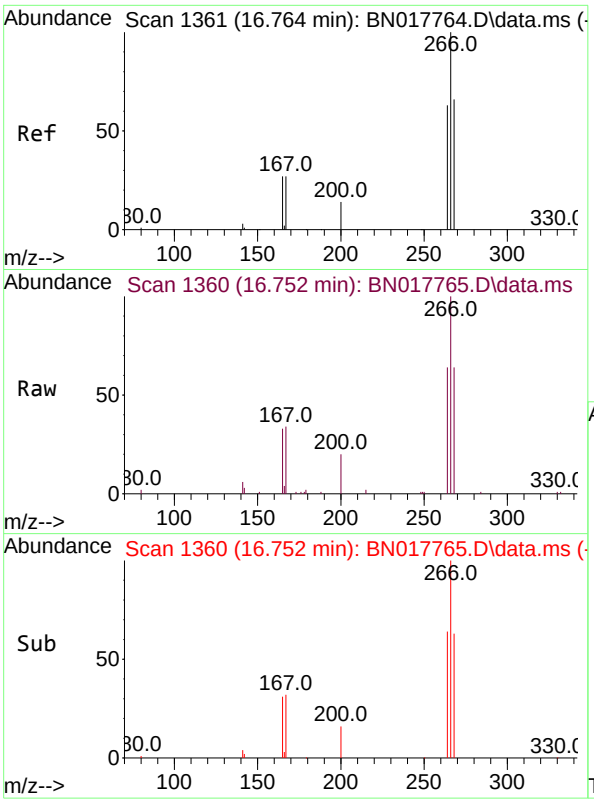


#23
Atrazine
Concen: 0.905 ng
RT: 16.557 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:200 Resp: 47084

Ion	Ratio	Lower	Upper
200	100		
173	26.6	21.4	32.2
215	49.3	39.3	58.9



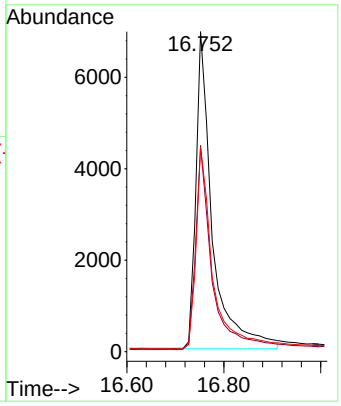


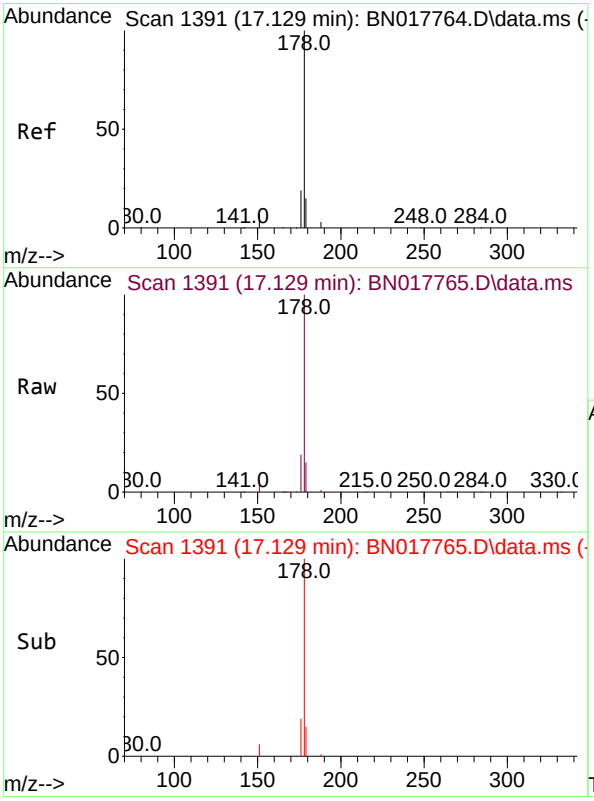
#24
Pentachlorophenol
Concen: 0.870 ng
RT: 16.752 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:266 Resp: 16392

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.8	76.2
268	64.2	51.8	77.6

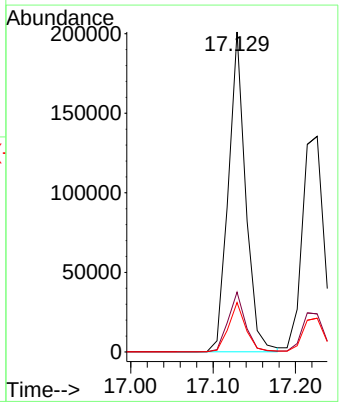


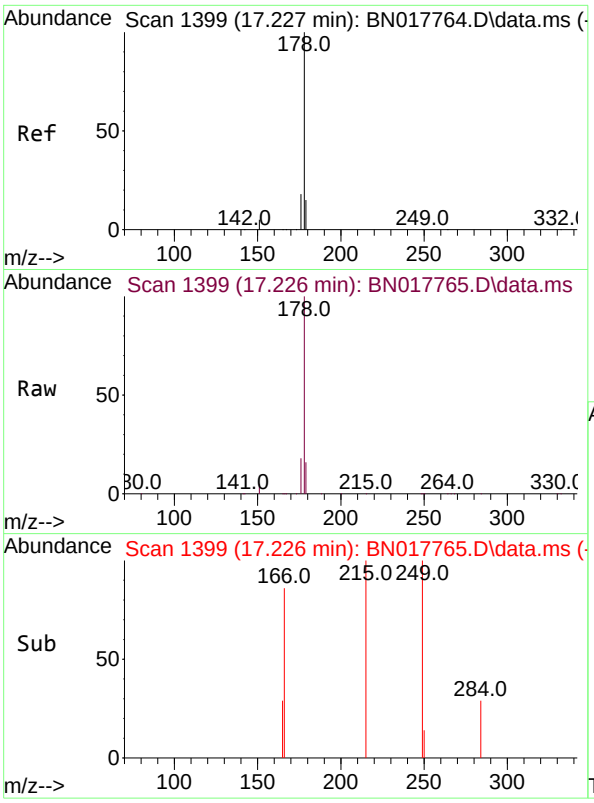


#25
Phenanthrene
Concen: 0.887 ng
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:178 Resp: 292866

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.5	18.7



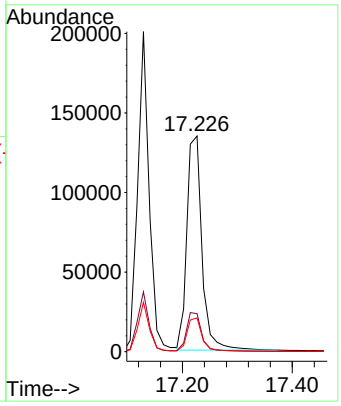


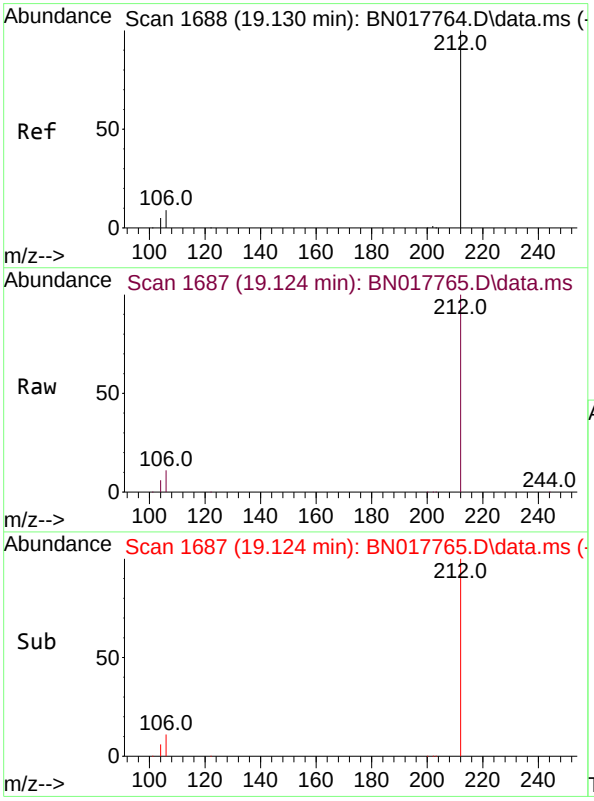
#26
Anthracene
Concen: 0.893 ng
RT: 17.226 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 257378

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.4	12.2	18.4

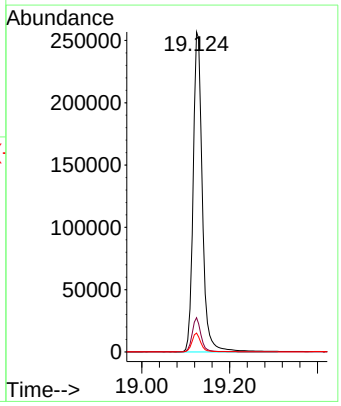


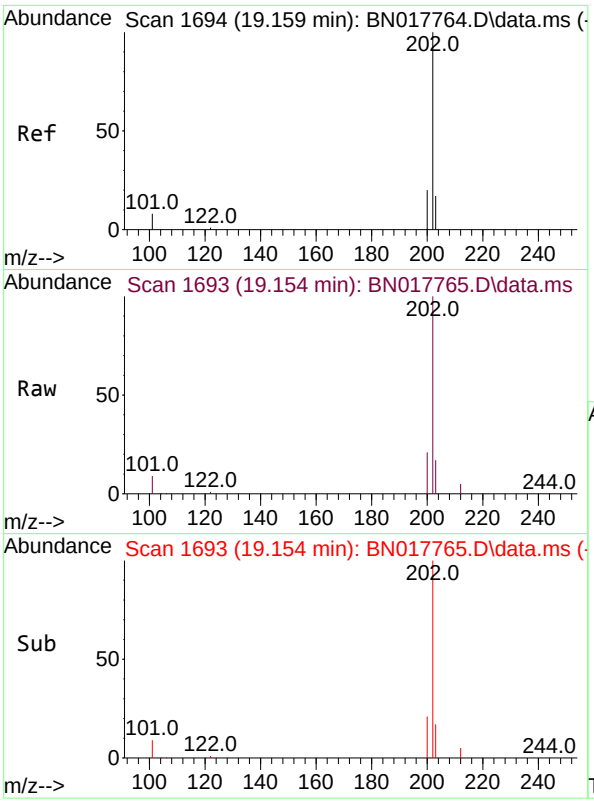


#27
Fluoranthene-d10
Concen: 0.887 ng
RT: 19.124 min Scan# 1687
Delta R.T. -0.005 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:212 Resp: 373722

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.2
104	5.7	4.6	6.8



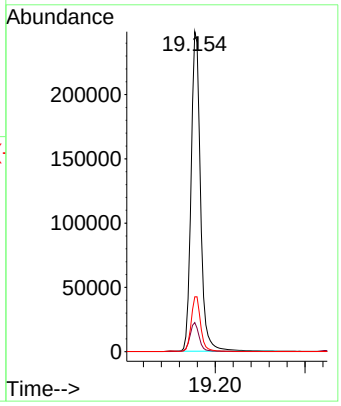


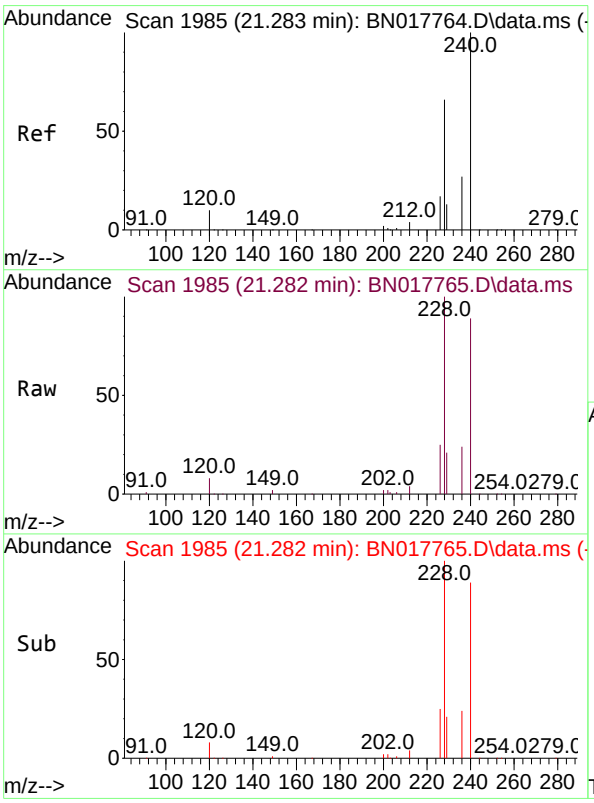
#28
Fluoranthene
Concen: 0.907 ng
RT: 19.154 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 362388

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
203	17.3	13.7	20.5

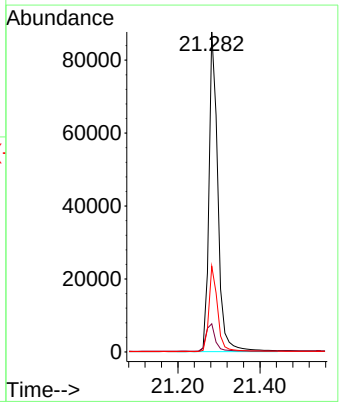


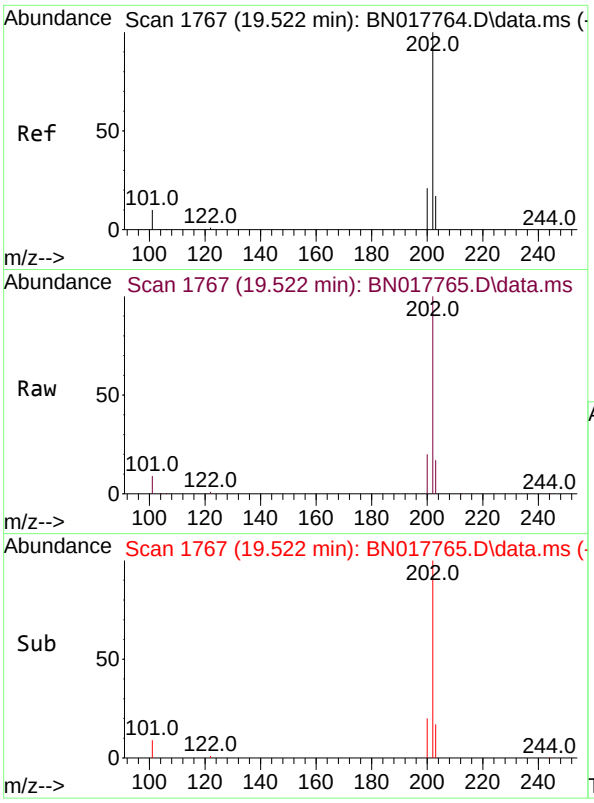


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:240 Resp: 131759

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.9	11.9
236	26.8	21.4	32.2



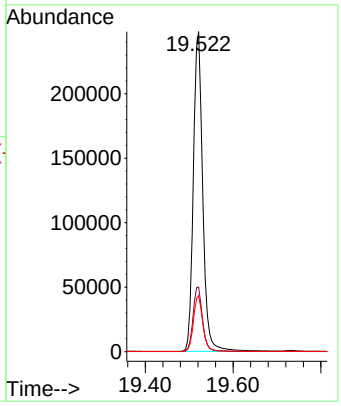


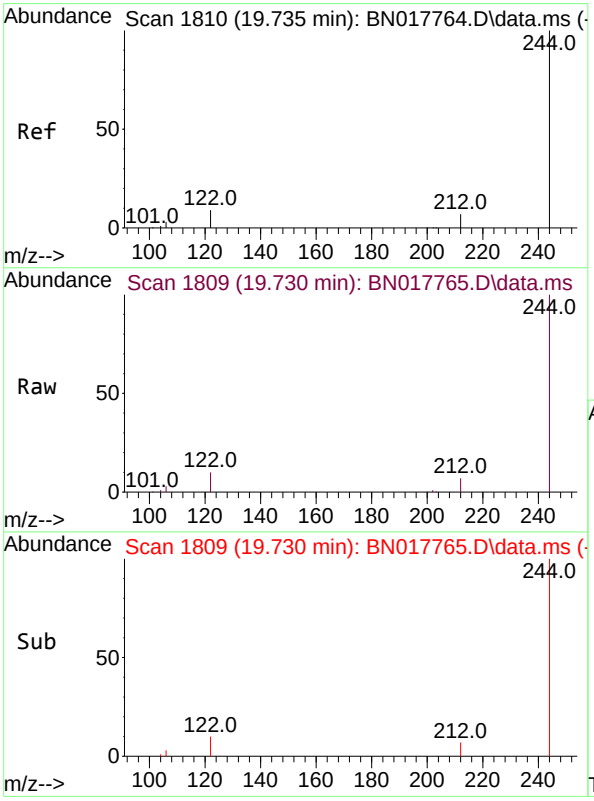
#30
Pyrene
Concen: 0.745 ng
RT: 19.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 368968

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.5	14.0	21.0

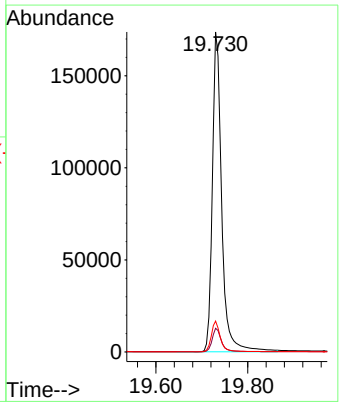


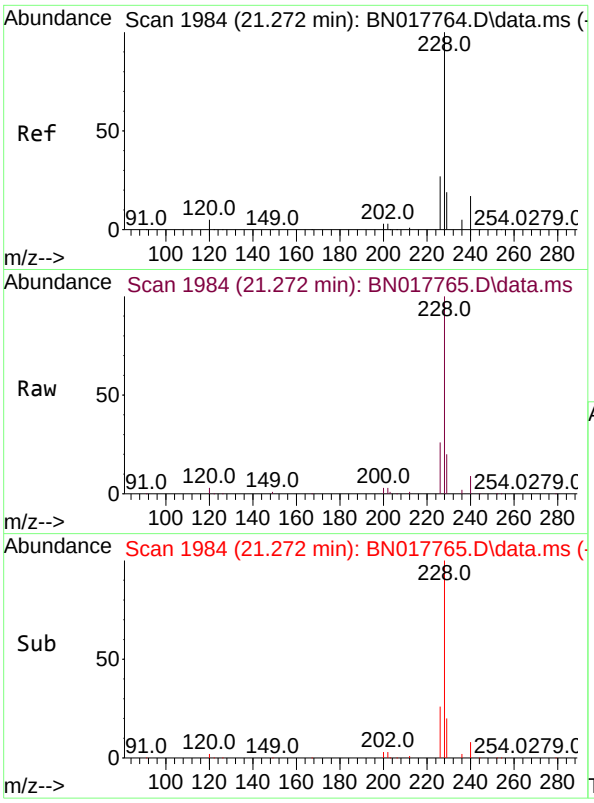


#31
Terphenyl-d14
Concen: 0.726 ng
RT: 19.730 min Scan# 1809
Delta R.T. -0.005 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:244 Resp: 245330

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	9.7	7.1	10.7



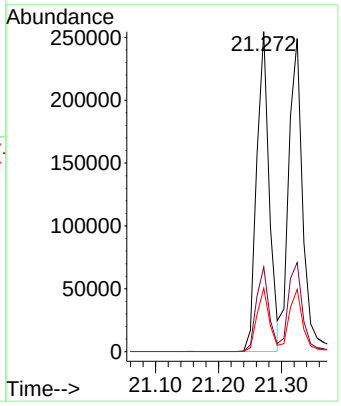


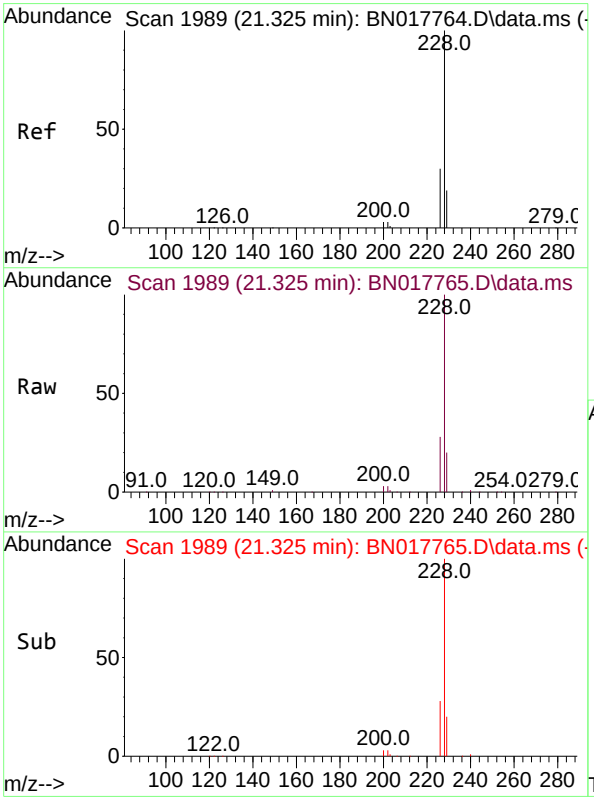
#32
Benzo(a)anthracene
Concen: 0.888 ng
RT: 21.272 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 351381

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.0
229	19.8	15.7	23.5

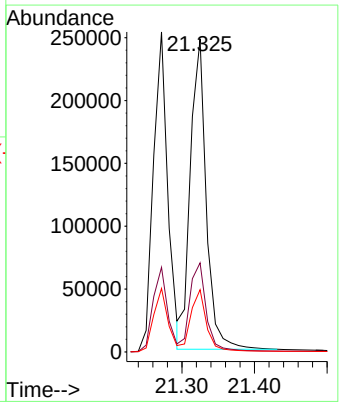


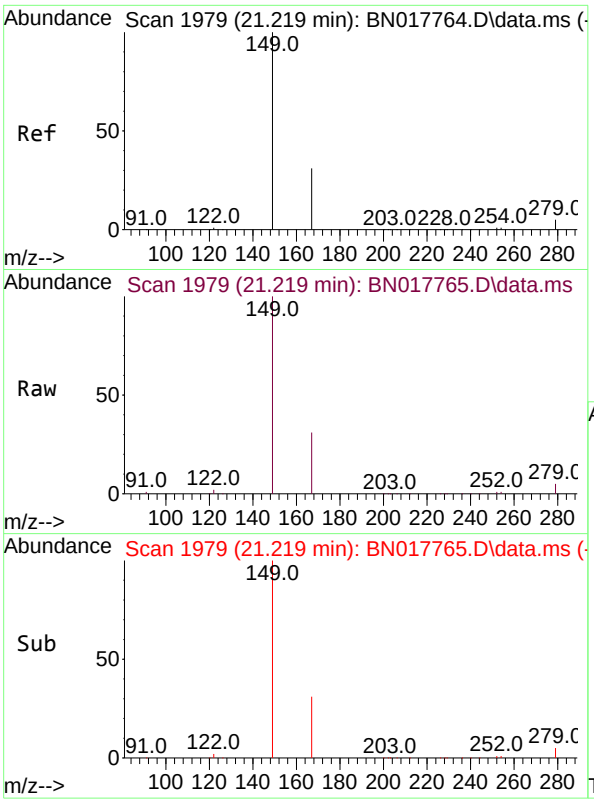


#33
Chrysene
Concen: 0.890 ng
RT: 21.325 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:228 Resp: 375050

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.6	35.4
229	19.9	15.6	23.4



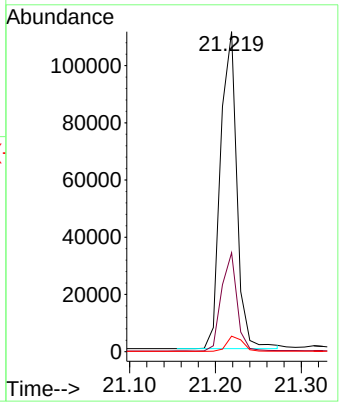


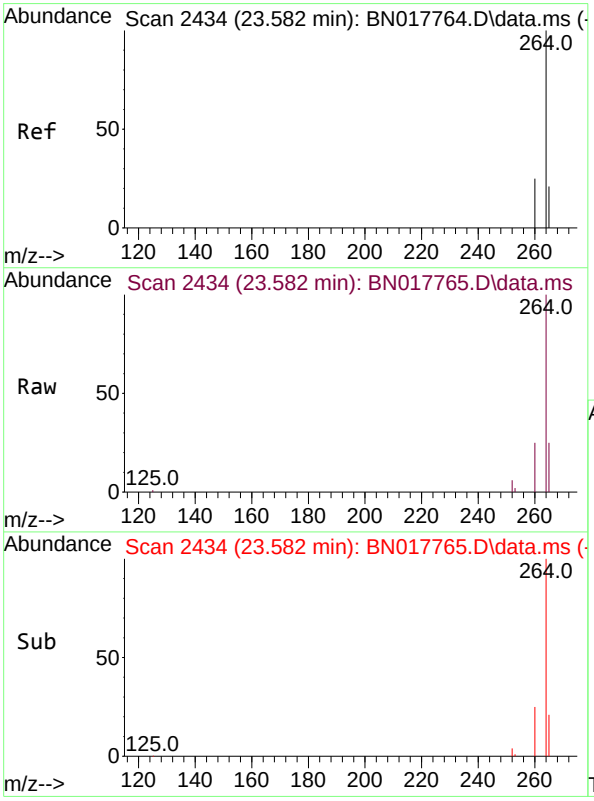
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.705 ng
RT: 21.219 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 146530

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.8	35.6
279	4.8	3.8	5.8

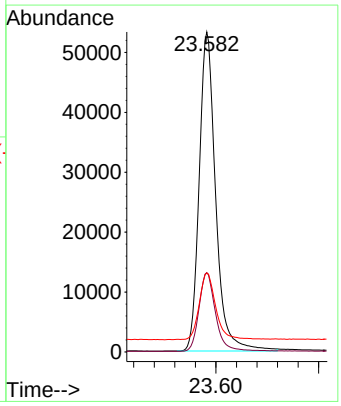


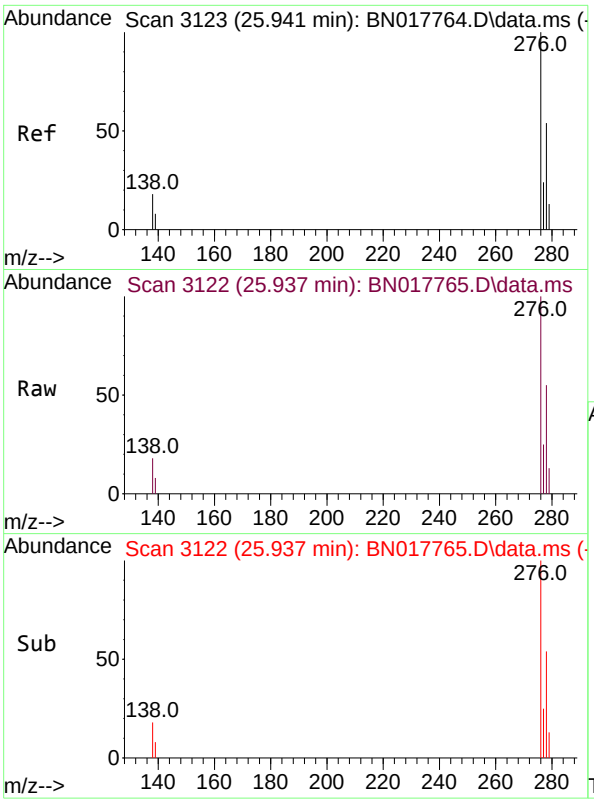


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.582 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:264 Resp: 118499

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	24.7	20.5	30.7



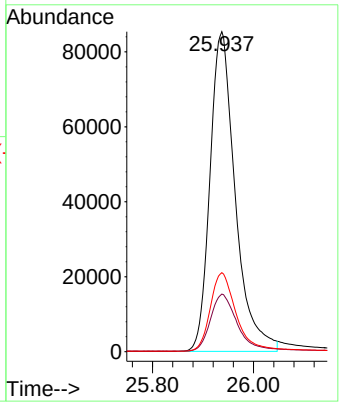


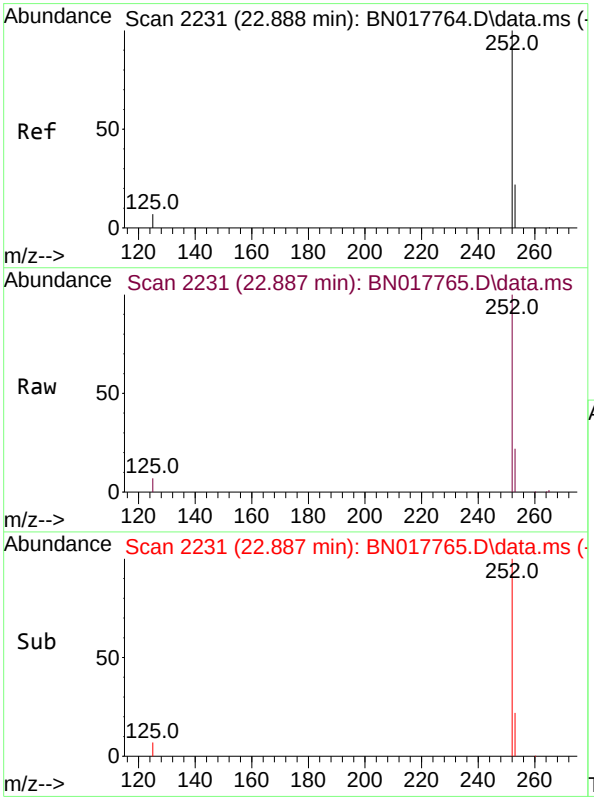
#36
Indeno(1,2,3-cd)pyrene
Concen: 1.197 ng
RT: 25.937 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 296323

Ion	Ratio	Lower	Upper
276	100		
138	18.8	14.9	22.3
277	24.9	19.8	29.8

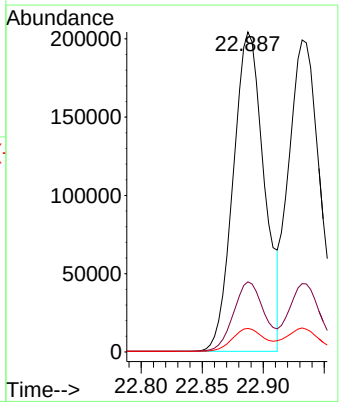


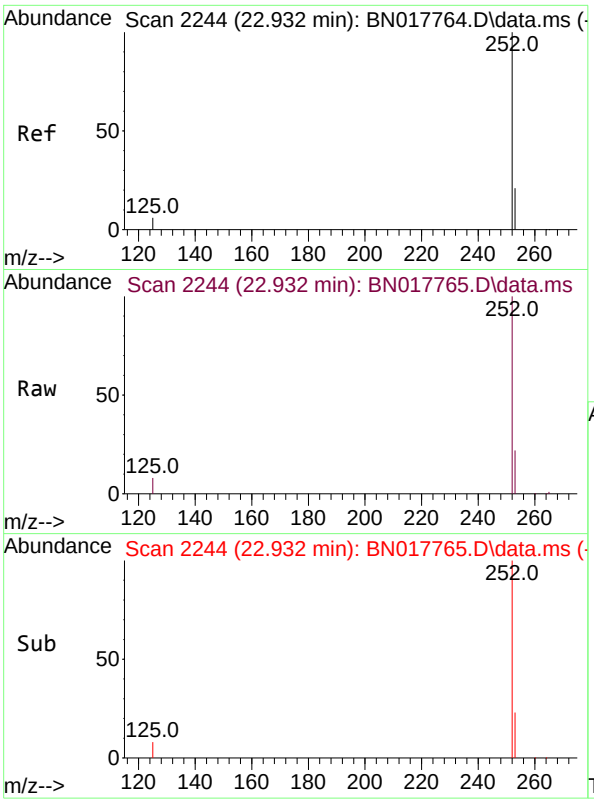


#37
Benzo(b)fluoranthene
Concen: 0.864 ng
RT: 22.887 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:252 Resp: 360221

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	7.4	6.2	9.2



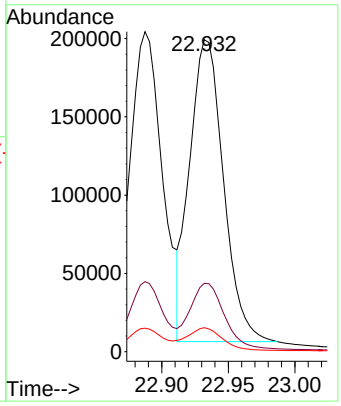


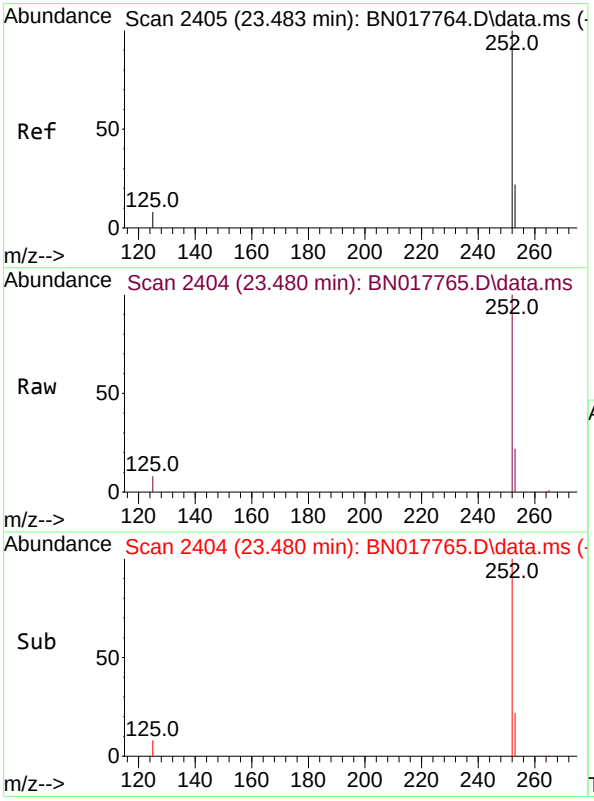
#38
Benzo(k)fluoranthene
Concen: 0.887 ng
RT: 22.932 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 340419

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.7	6.2	9.2

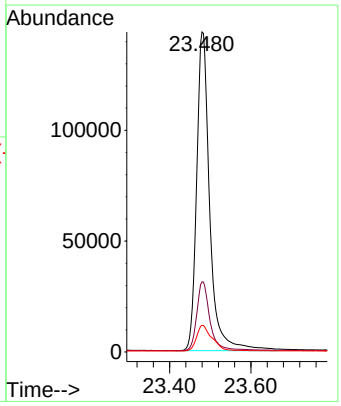


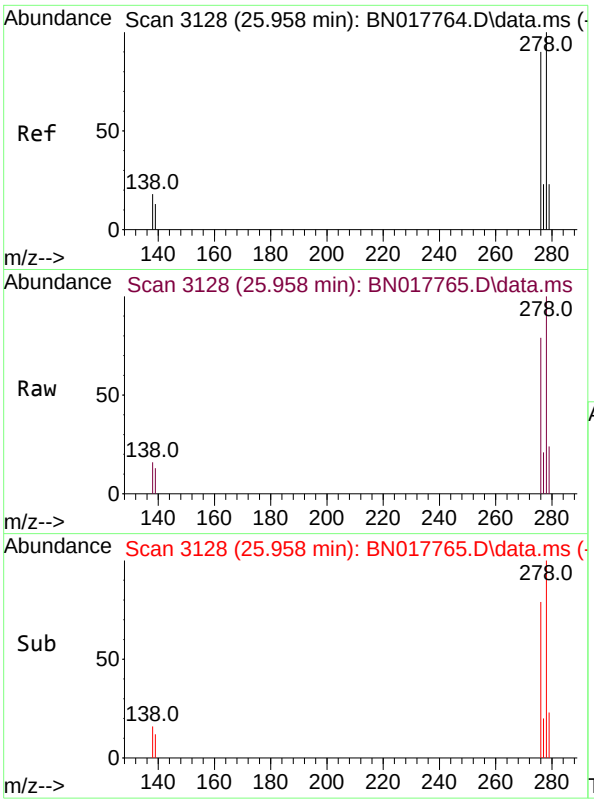


#39
Benzo(a)pyrene
Concen: 0.952 ng
RT: 23.480 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:252 Resp: 320625

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	8.3	7.0	10.4



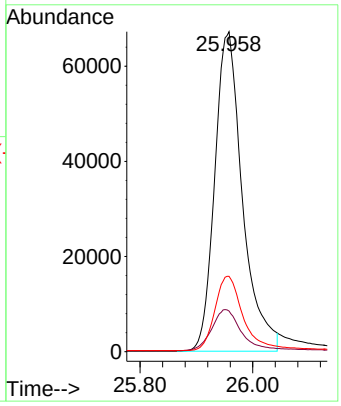


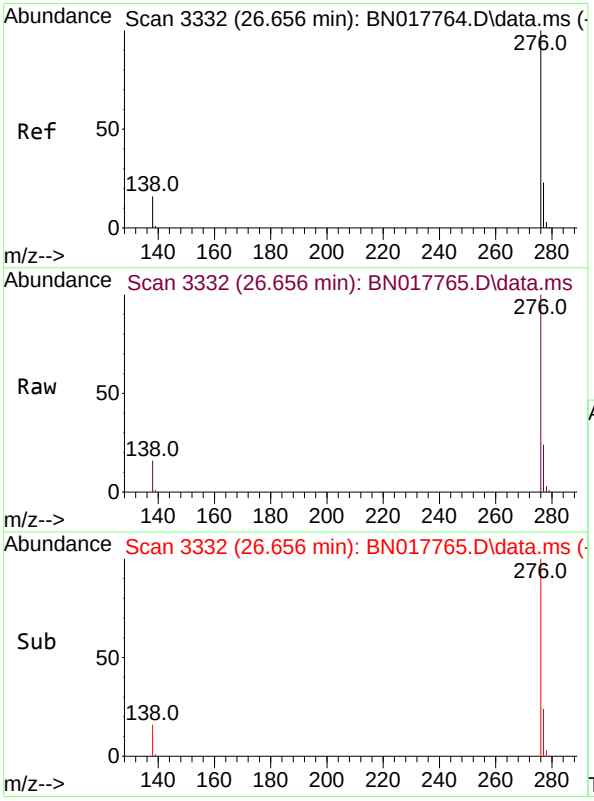
#40
Dibenzo(a,h)anthracene
Concen: 1.325 ng
RT: 25.958 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 229059

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.8	16.2
279	23.6	19.1	28.7





#41
Benzo(g,h,i)perylene
Concen: 0.983 ng
RT: 26.656 min Scan# 3332
Delta R.T. -0.000 min
Lab File: BN017765.D
Acq: 07 Dec 2021 15:12

Tgt Ion:276 Resp: 244880

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	16.4	13.2	19.8