Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021743.D
Acq On : 14 Sep 2022 12:33
Operator : CG/JU
Sample : N4549-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP090822

Quant Time: Sep 15 02:08:55 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 01:55:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4885	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	17092	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	12399	0.400	ng	# 0.00
19) Phenanthrene-d10	17.456	188	23018	0.400	ng	0.00
29) Chrysene-d12	21.652	240	17131	0.400	ng	0.00
35) Perylene-d12	24.156	264	13675	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	2150	0.168	ng	0.00
5) Phenol-d6	7.210	99	1702	0.105	ng	0.00
8) Nitrobenzene-d5	9.222	82	4707	0.333	ng	-0.01
11) 2-Methylnaphthalene-d10	12.471	152	13044	0.302	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2378	0.420	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	17911	0.354	ng	0.00
27) Fluoranthene-d10	19.490	212	27093	0.437	ng	0.00
31) Terphenyl-d14	20.076	244	19623	0.501	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.692	42	527	0.082	ng	# 1
6) bis(2-Chloroethyl)ether	7.527	93	669	0.042	ng	# 29
9) Naphthalene	10.930	128	6223	0.123	ng	# 1
12) 2-Methylnaphthalene	12.221	142	219	0.020	ng	# 1
16) Acenaphthylene	14.429	152	4240	0.072	ng	# 3
17) Acenaphthene	14.771	154	41843	1.034	ng	99
18) Fluorene	15.747	166	5946	0.111	ng	# 92
25) Phenanthrene	17.502	178	3531	0.046	ng	94
26) Anthracene	17.594	178	15763	0.241	ng	# 84
28) Fluoranthene	19.519	202	106151	1.275	ng	100
30) Pyrene	19.882	202	66882	0.786	ng	# 90
32) Benzo(a)anthracene	21.634	228	4410	0.067	ng	# 89
33) Chrysene	21.688	228	1909	0.028	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.544	149	6209	0.141	ng	98

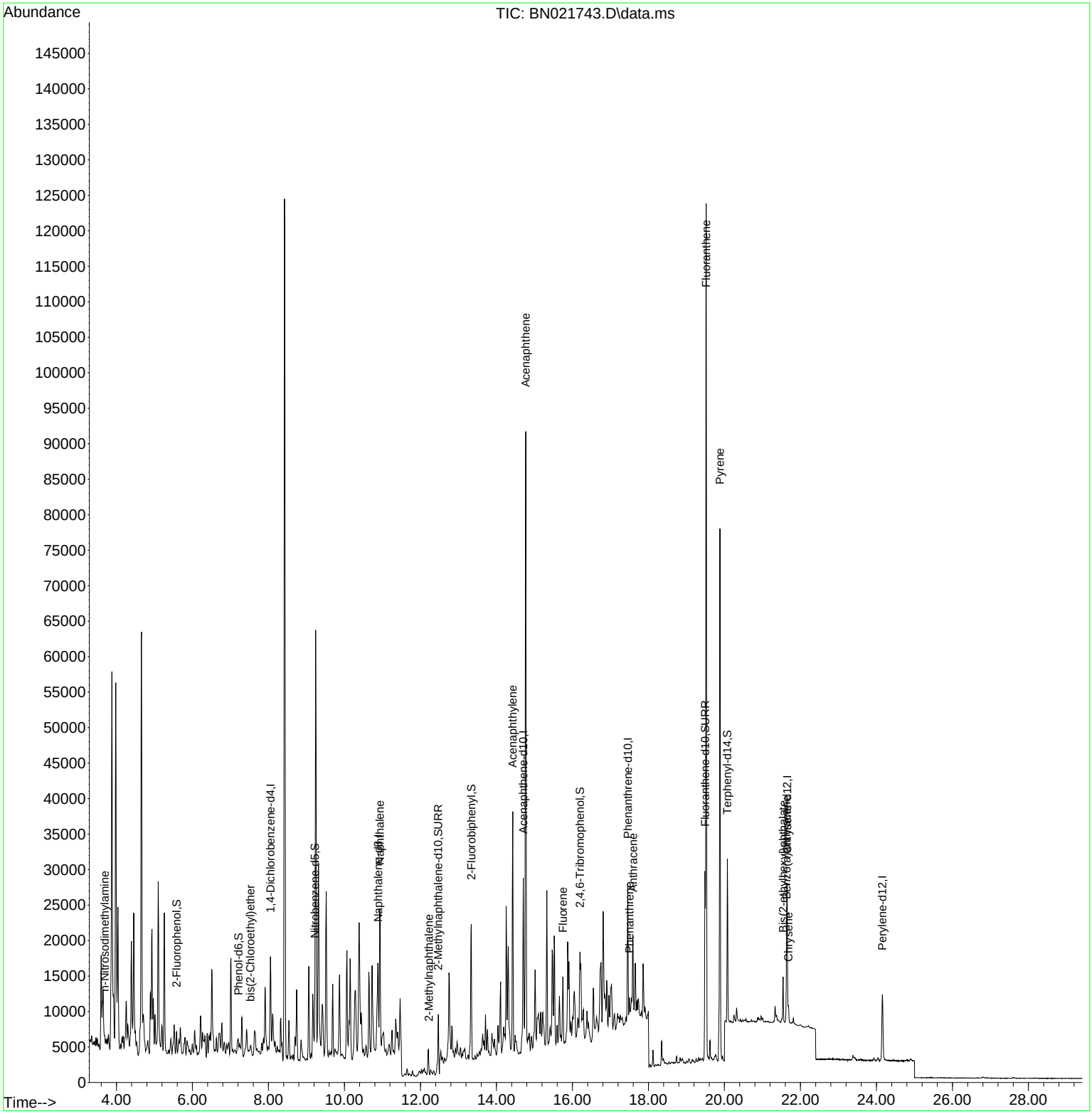
(#) = qualifier out of range (m) = manual integration (+) = signals summed

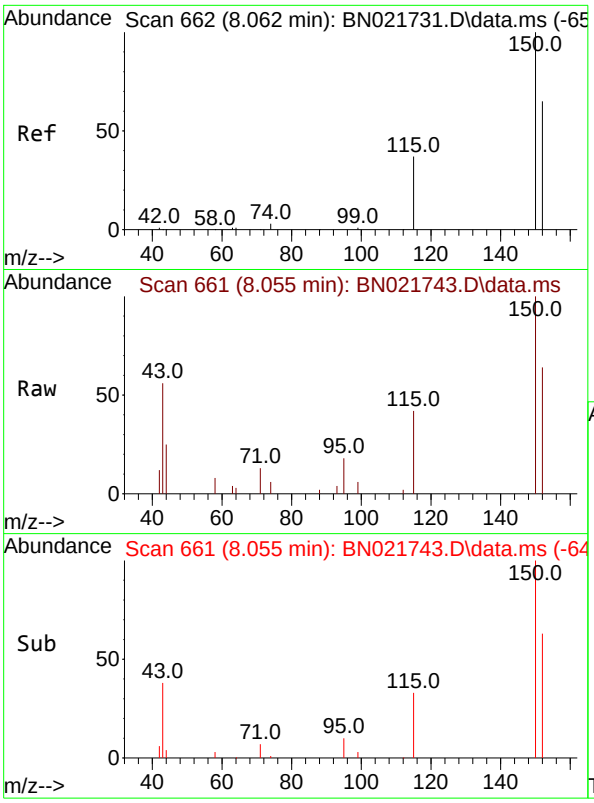
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021743.D
Acq On : 14 Sep 2022 12:33
Operator : CG/JU
Sample : N4549-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP090822

Quant Time: Sep 15 02:08:55 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 01:55:04 2022
Response via : Initial Calibration



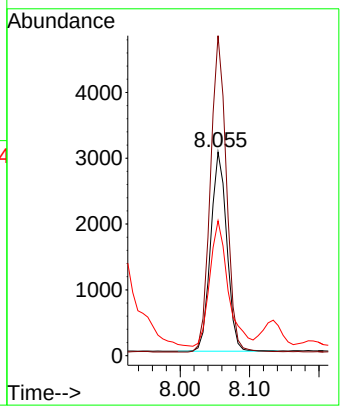


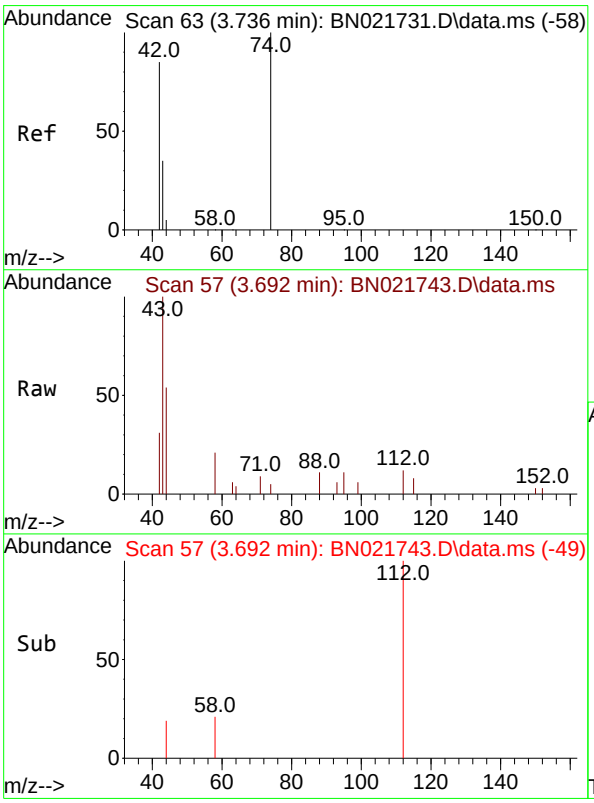
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.055 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:152 Resp: 4885

Ion	Ratio	Lower	Upper
152	100		
150	157.2	121.8	182.8
115	66.3	48.3	72.5

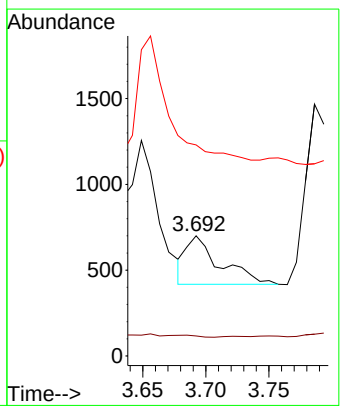


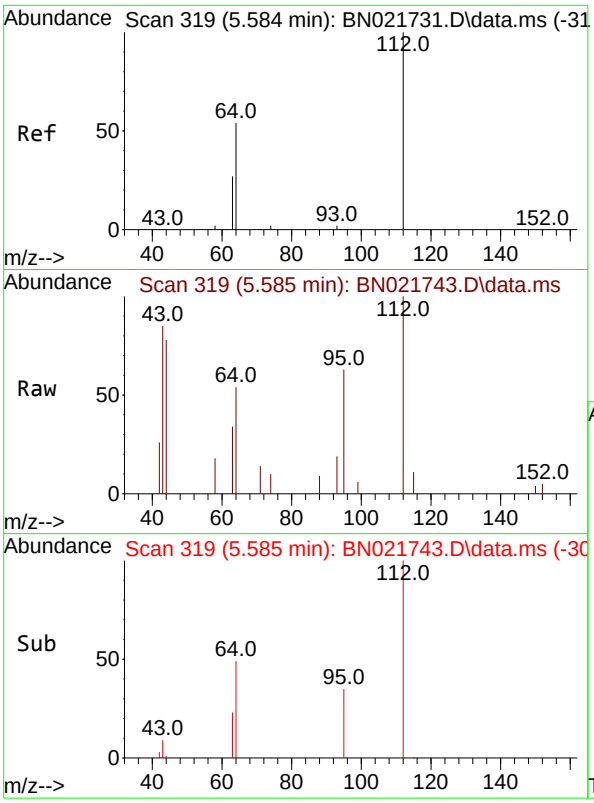


#3
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.692 min Scan# 57
Delta R.T. -0.043 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion: 42 Resp: 527

Ion	Ratio	Lower	Upper
42	100		
74	0.0	116.3	174.5#
44	0.0	9.0	13.4#



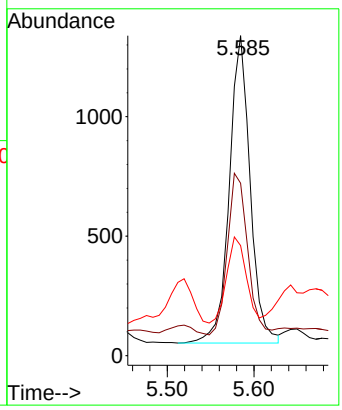


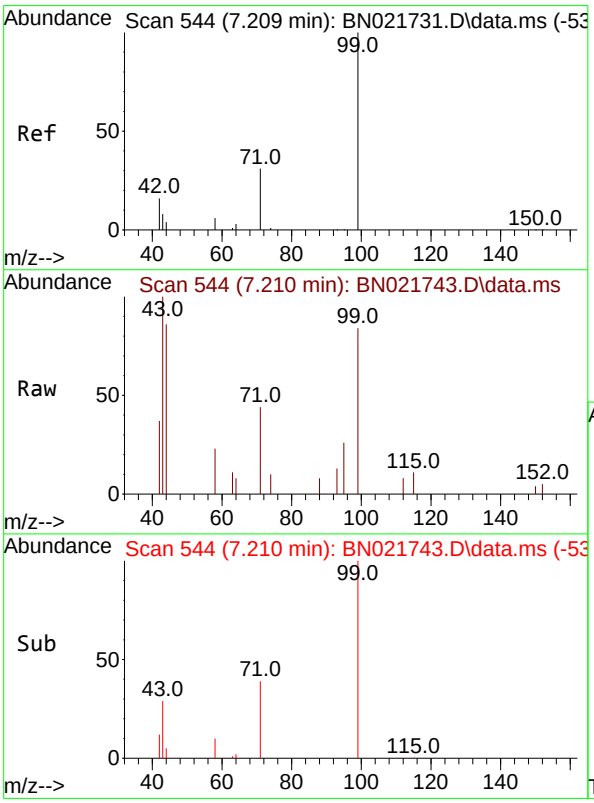
#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.585 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:112 Resp: 2150

Ion	Ratio	Lower	Upper
112	100		
64	50.7	45.4	68.2
63	25.9	23.3	34.9

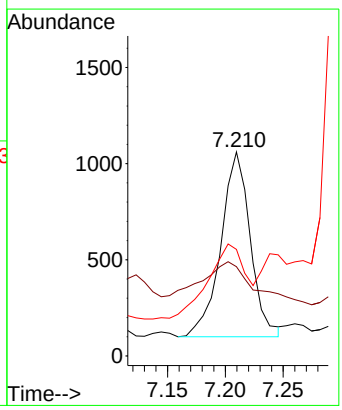


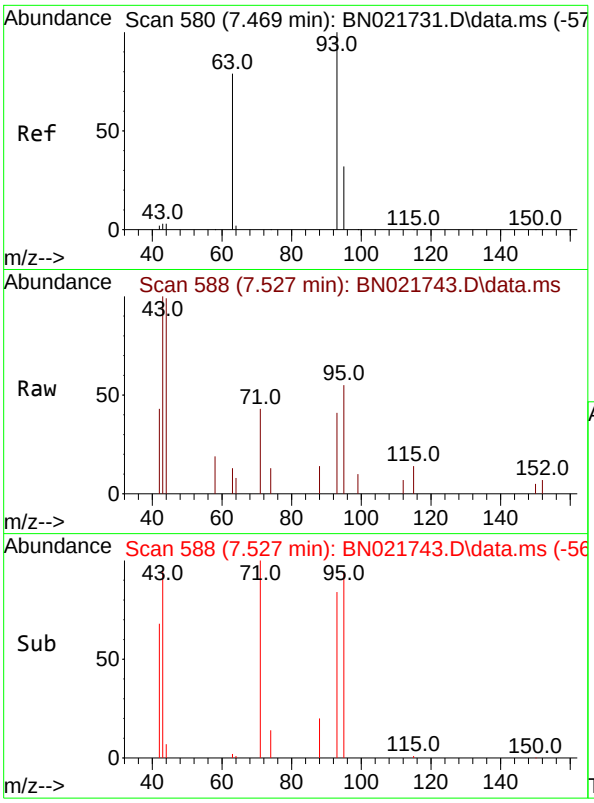


#5
Phenol-d6
Concen: 0.105 ng
RT: 7.210 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion: 99 Resp: 1702

Ion	Ratio	Lower	Upper
99	100		
42	43.7	15.1	22.7#
71	52.4	25.3	37.9#



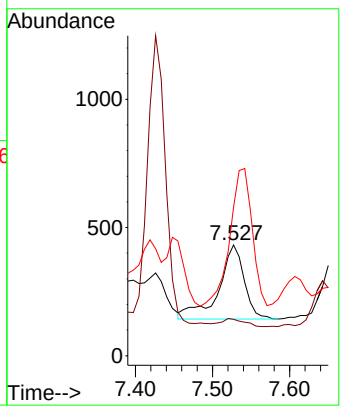


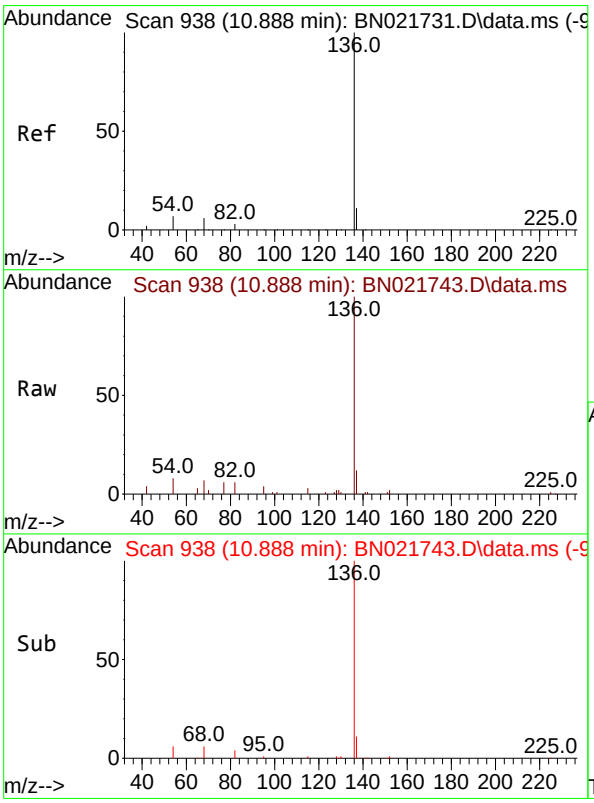
#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 7.527 min Scan# 5
Delta R.T. 0.058 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion: 93 Resp: 669

Ion	Ratio	Lower	Upper
93	100		
63	9.4	60.0	90.0#
95	0.0	26.2	39.4#

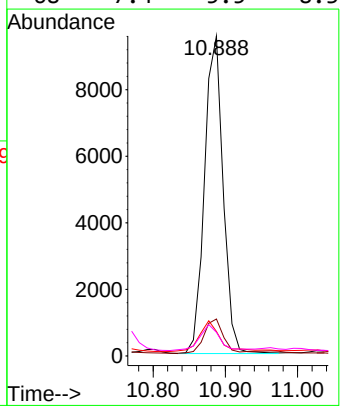


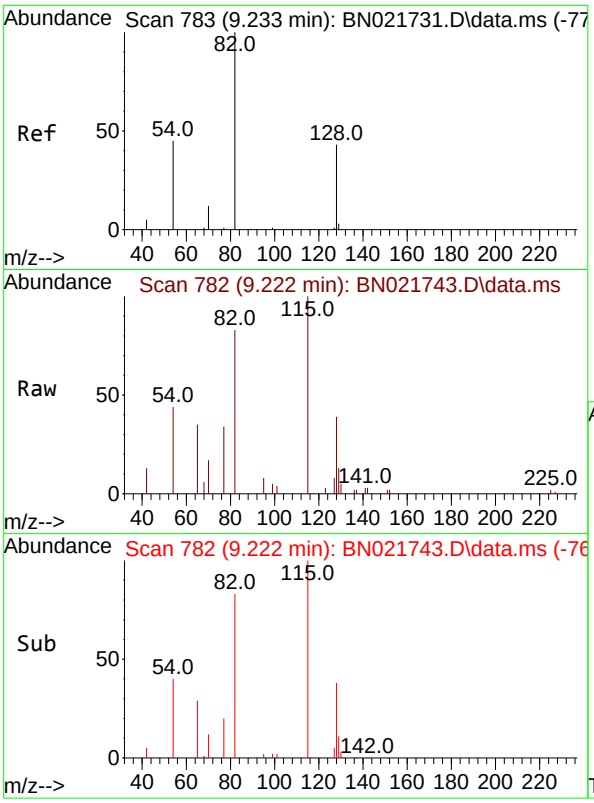


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:136 Resp: 17092

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.6	6.4	9.6
68	7.4	5.5	8.3



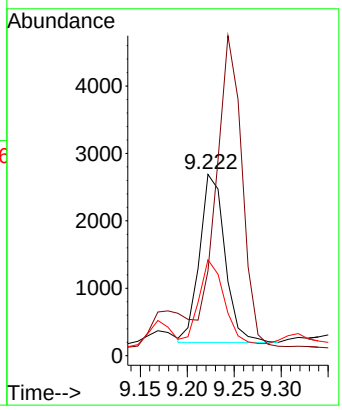


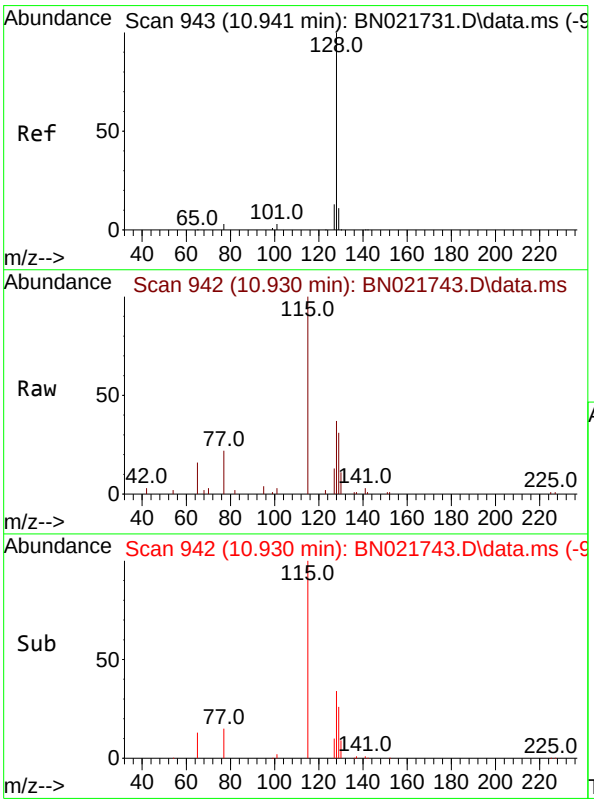
#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 9.222 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion: 82 Resp: 4707

Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.6	53.4
54	52.9	37.8	56.8

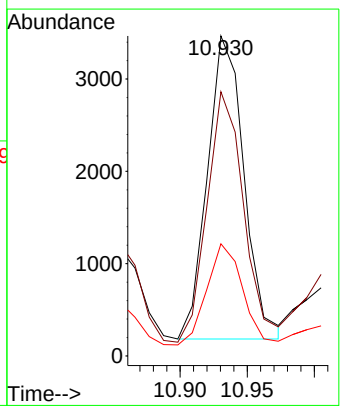


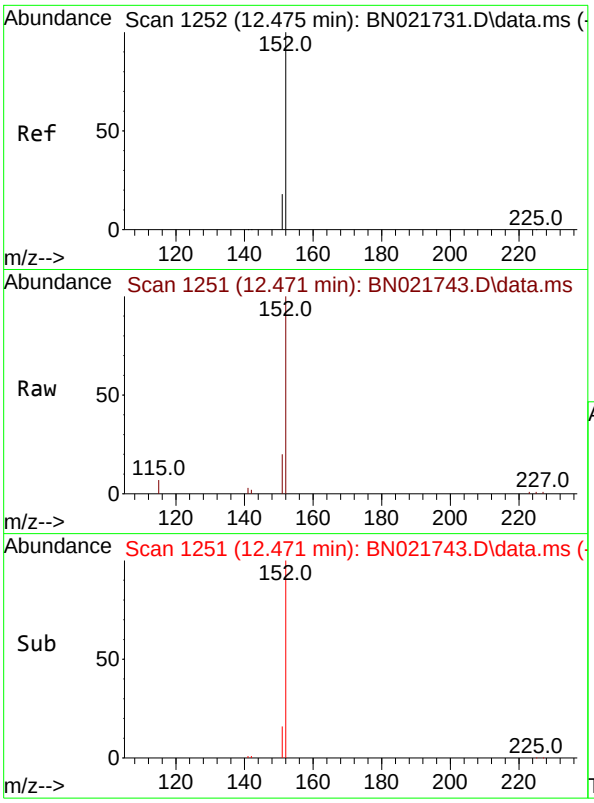


#9
Naphthalene
Concen: 0.123 ng
RT: 10.930 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:128 Resp: 6223

Ion	Ratio	Lower	Upper
128	100		
129	82.5	9.2	13.8#
127	35.0	10.5	15.7#



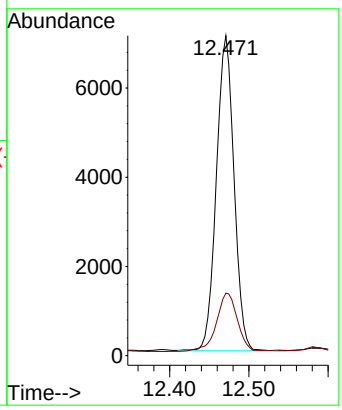


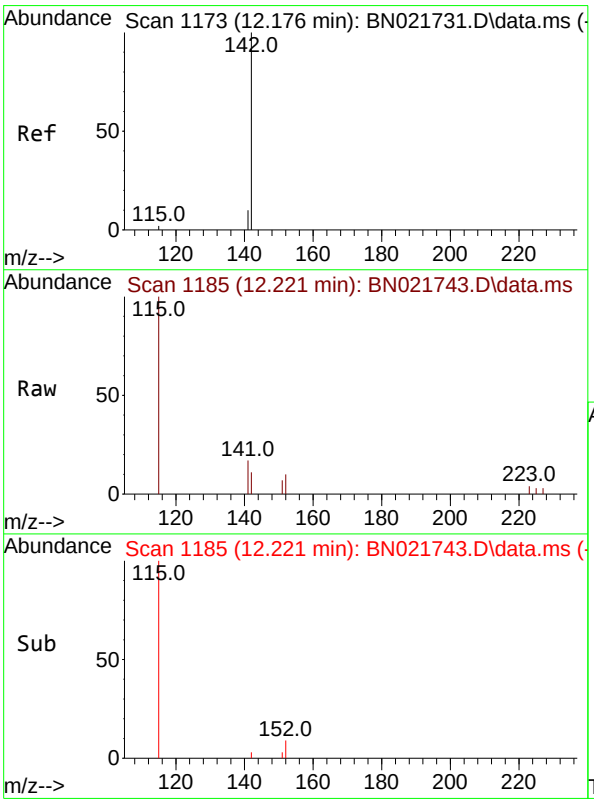
#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.471 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:152 Resp: 13044

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.6	23.4

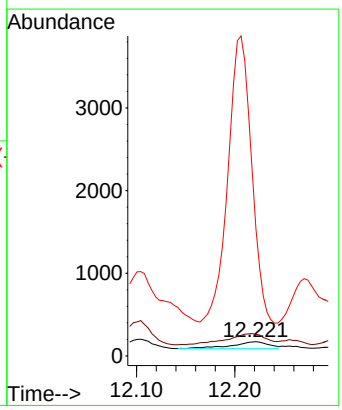


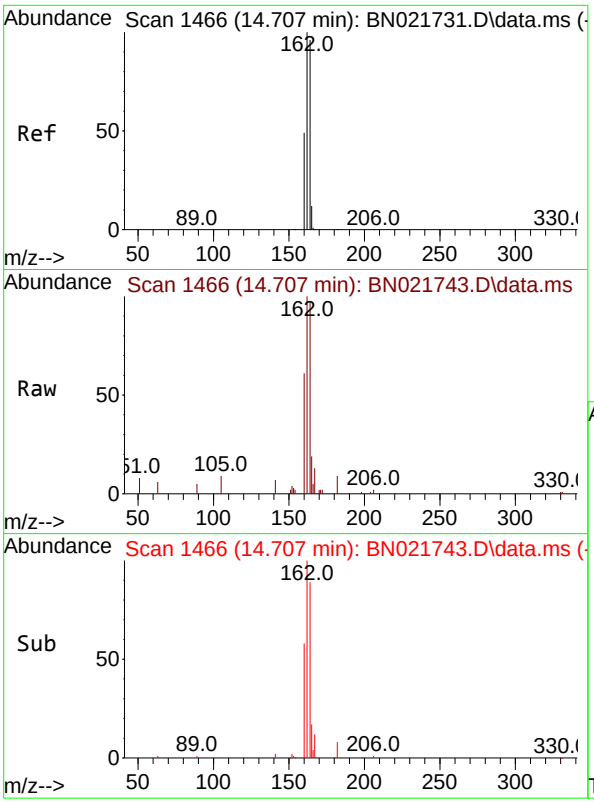


#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.221 min Scan# 1185
Delta R.T. 0.045 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:142 Resp: 219

Ion	Ratio	Lower	Upper
142	100		
141	151.4	10.6	16.0#
115	887.3	5.6	8.4#



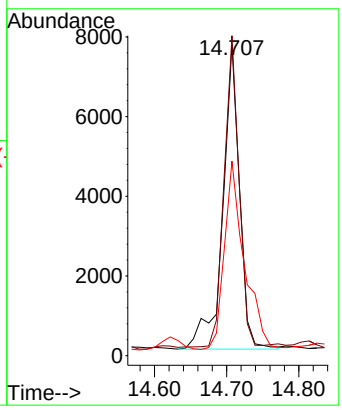


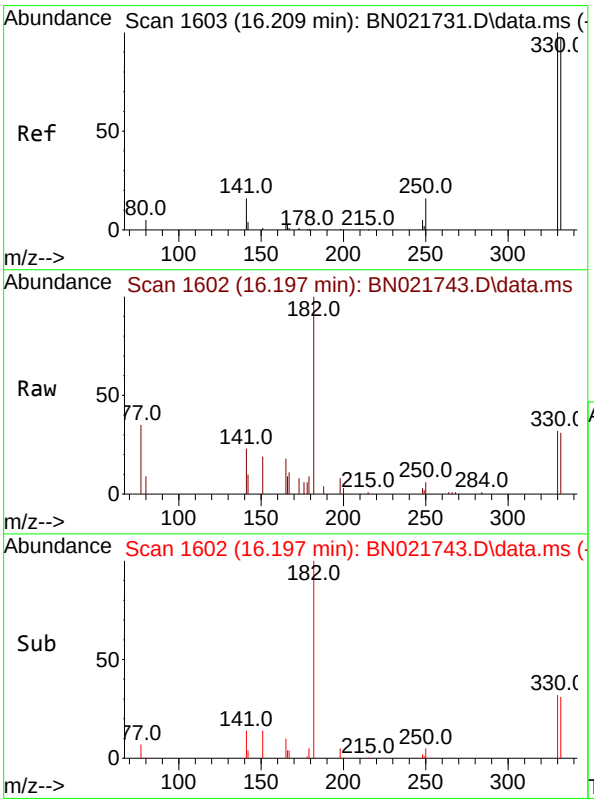
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:164 Resp: 12399

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.2	124.8
160	62.5	40.9	61.3#

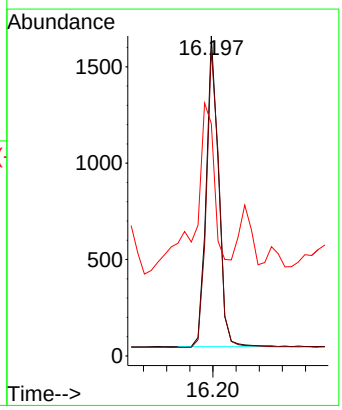


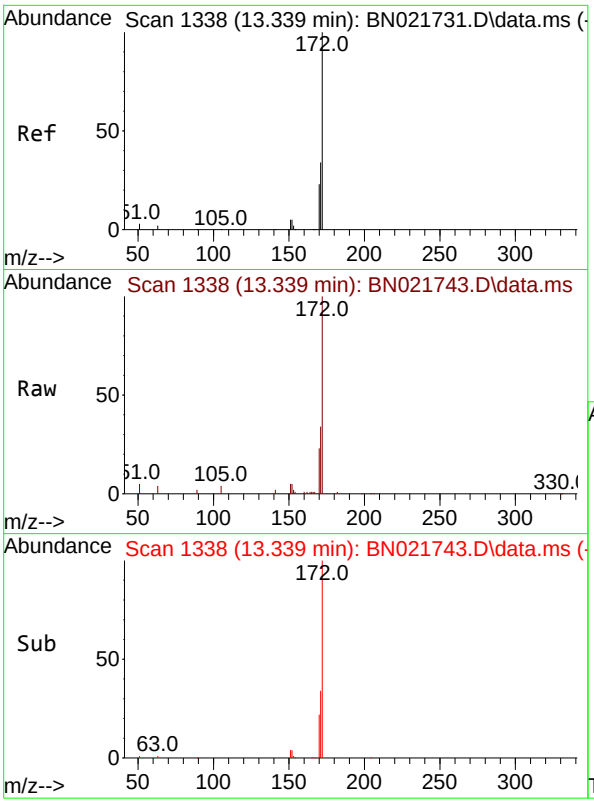


#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:330 Resp: 2378

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.8	115.2
141	62.0	37.2	55.8#



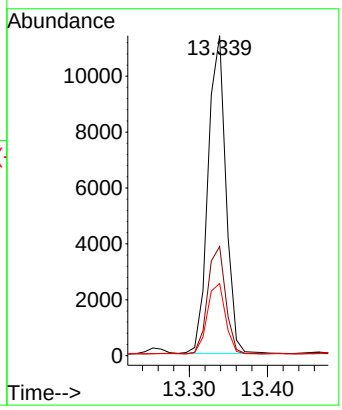


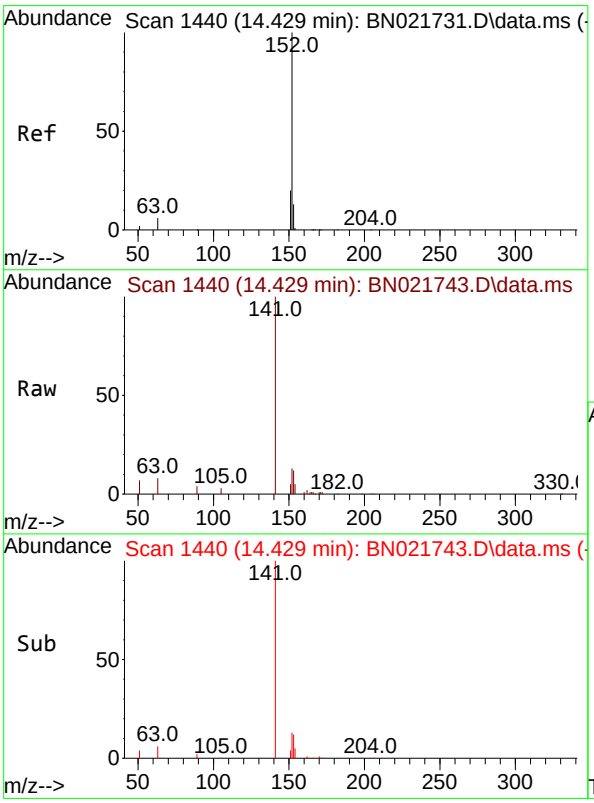
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:172 Resp: 17911

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.7	41.5
170	22.5	18.8	28.2

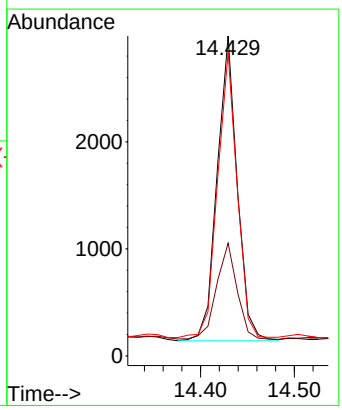


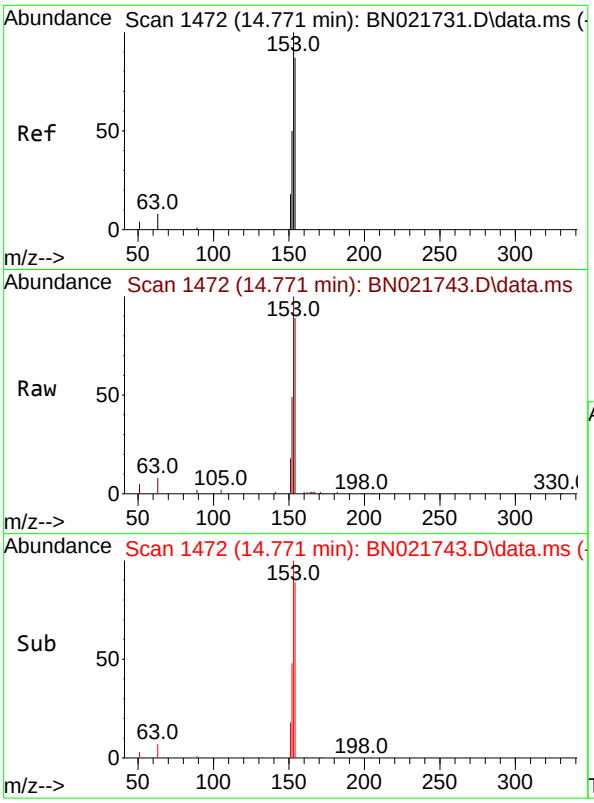


#16
Acenaphthylene
Concen: 0.072 ng
RT: 14.429 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:152 Resp: 4240

Ion	Ratio	Lower	Upper
152	100		
151	32.4	15.4	23.0#
153	91.0	10.3	15.5#



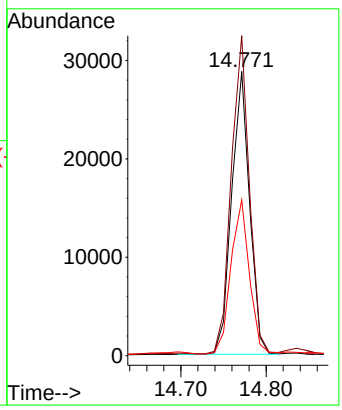


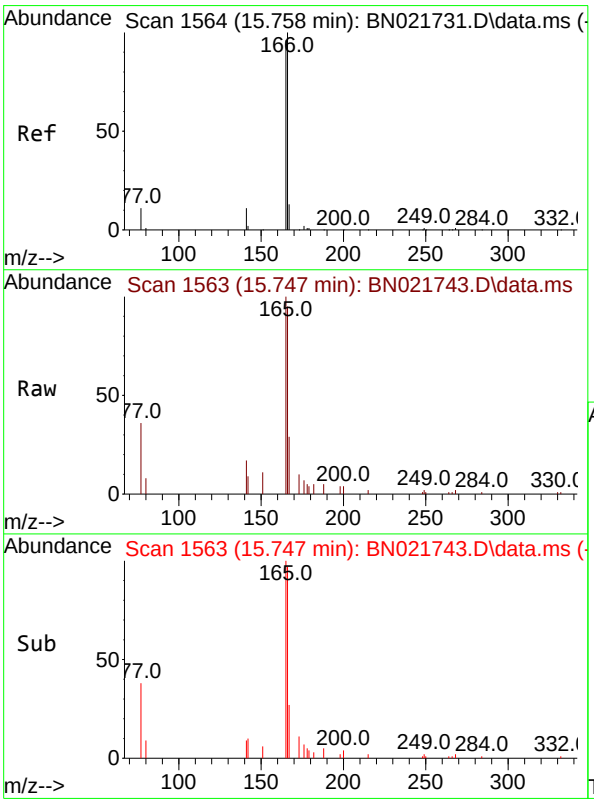
#17
Acenaphthene
Concen: 1.034 ng
RT: 14.771 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:154 Resp: 41843

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.4
152	56.2	46.0	69.0

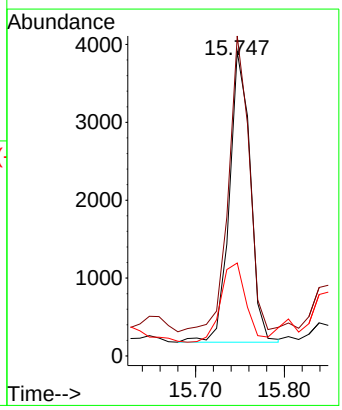


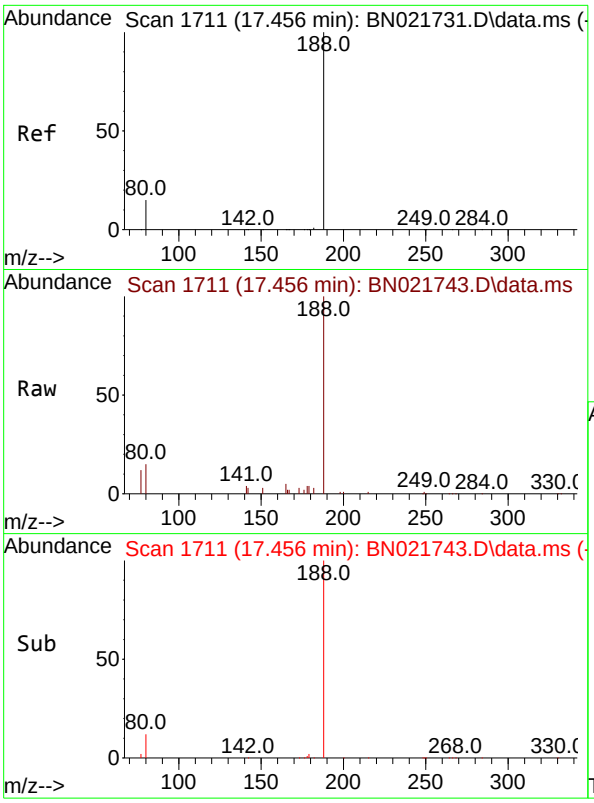


#18
Fluorene
Concen: 0.111 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.011 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:166 Resp: 5946

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.4	119.0
167	33.4	10.6	15.8#



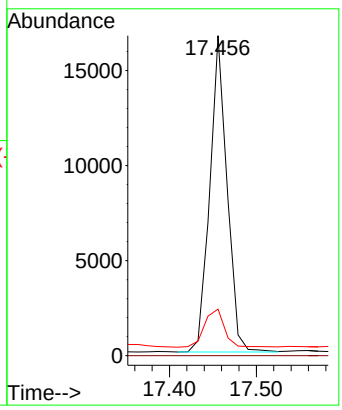


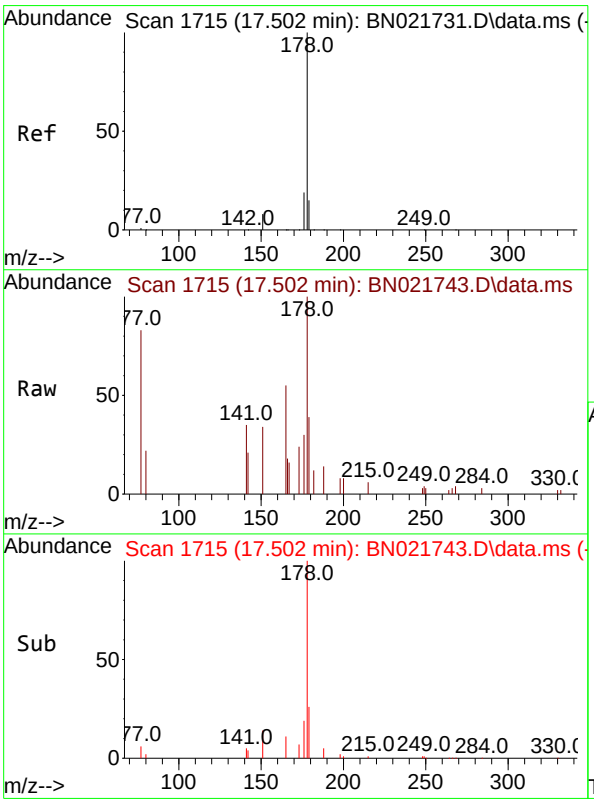
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:188 Resp: 23018

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	12.6	19.0

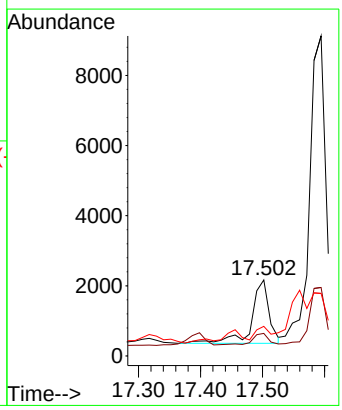


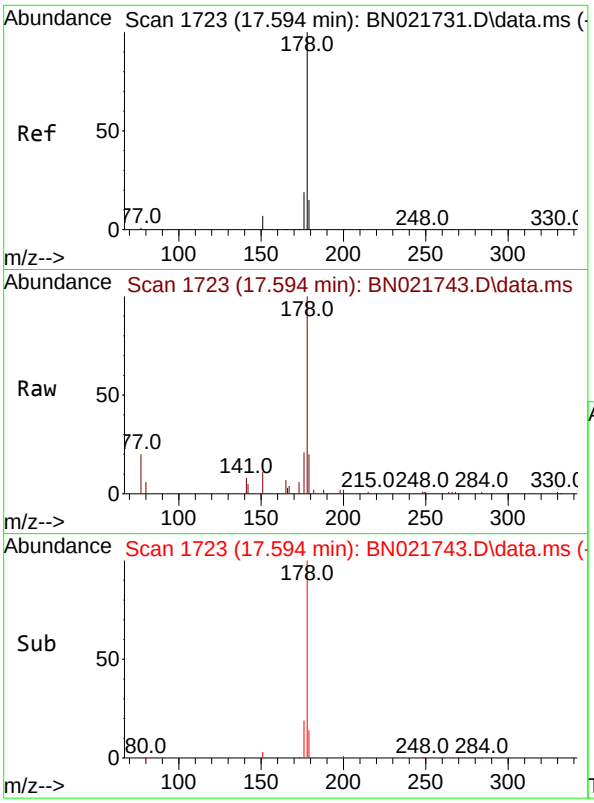


#25
Phenanthrene
Concen: 0.046 ng
RT: 17.502 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:178 Resp: 3531

Ion	Ratio	Lower	Upper
178	100		
176	15.3	15.3	22.9
179	16.3	12.2	18.4



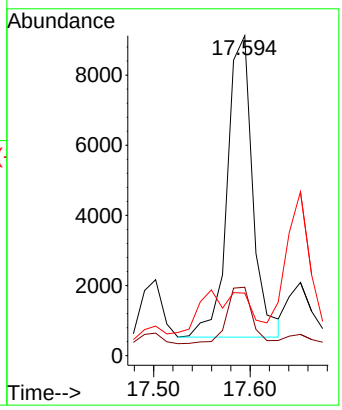


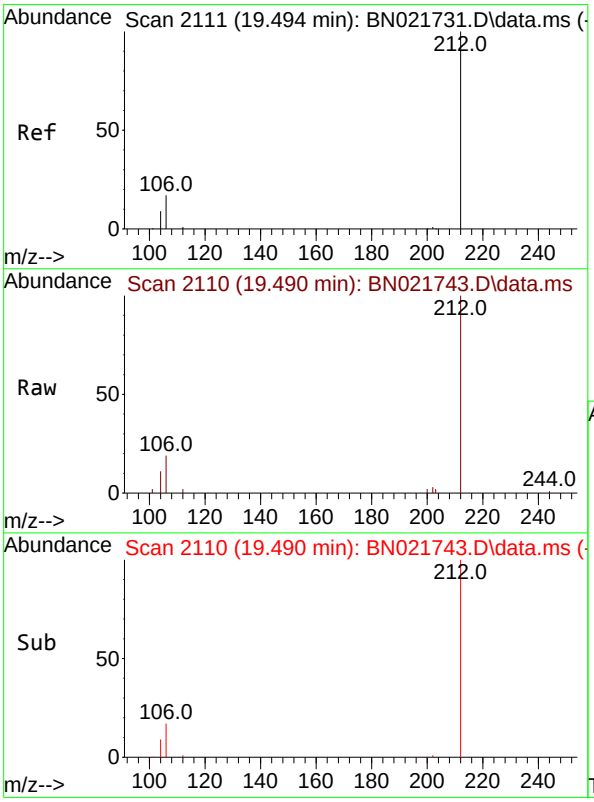
#26
Anthracene
Concen: 0.241 ng
RT: 17.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:178 Resp: 15763

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	0.0	12.2	18.2#

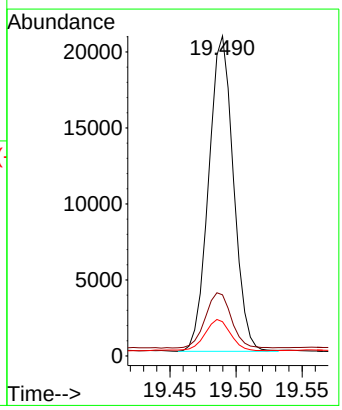


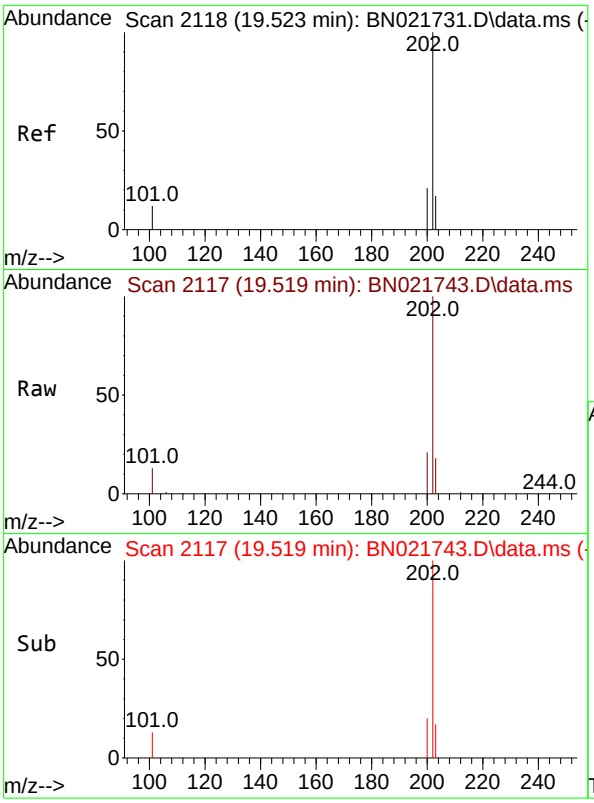


#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:212 Resp: 27093

Ion	Ratio	Lower	Upper
212	100		
106	18.5	14.3	21.5
104	10.5	8.0	12.0



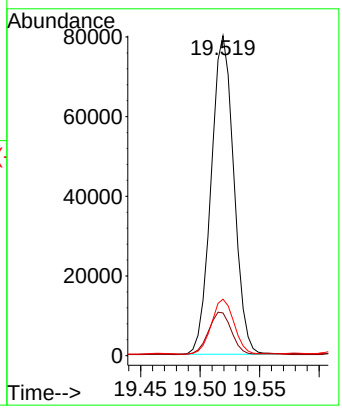


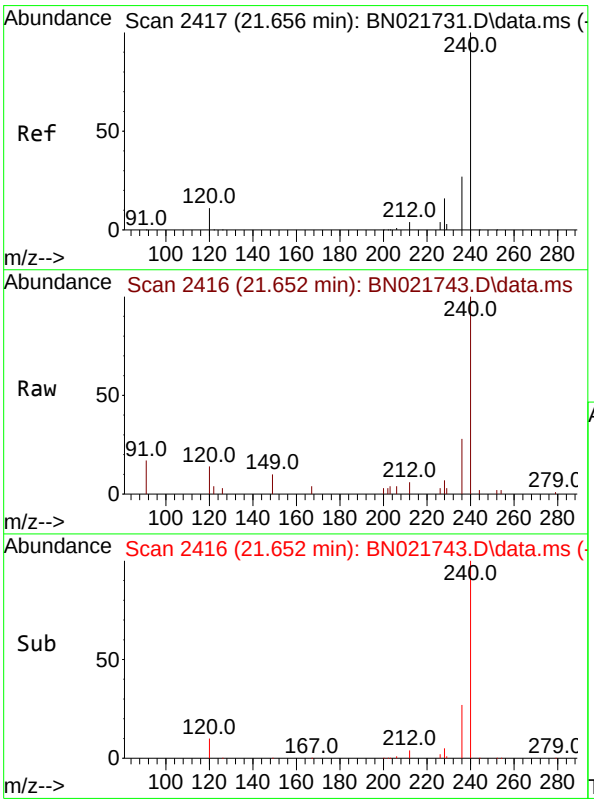
#28
Fluoranthene
Concen: 1.275 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:202 Resp: 106151

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.0	16.4
203	17.1	13.7	20.5

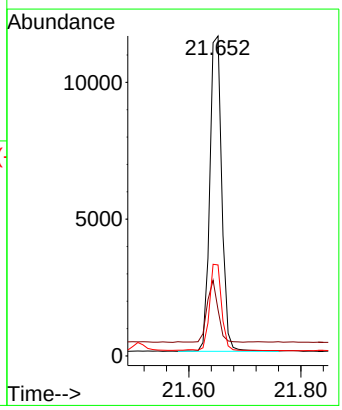


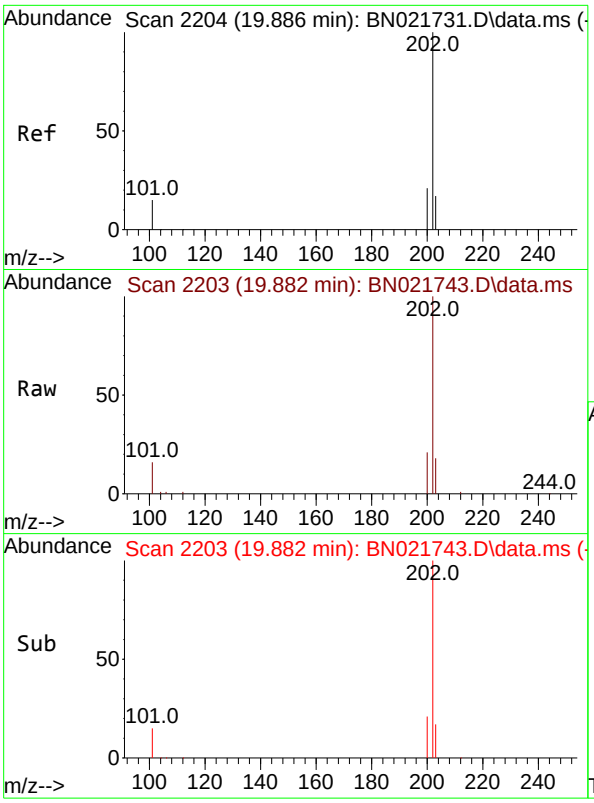


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.652 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:240 Resp: 17131

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.8	14.8
236	28.4	22.2	33.4



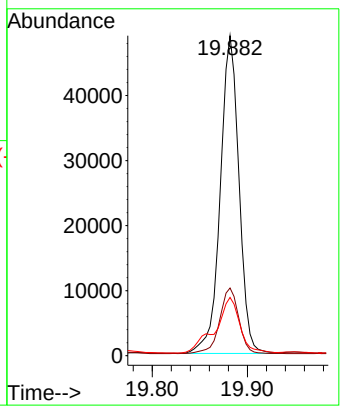


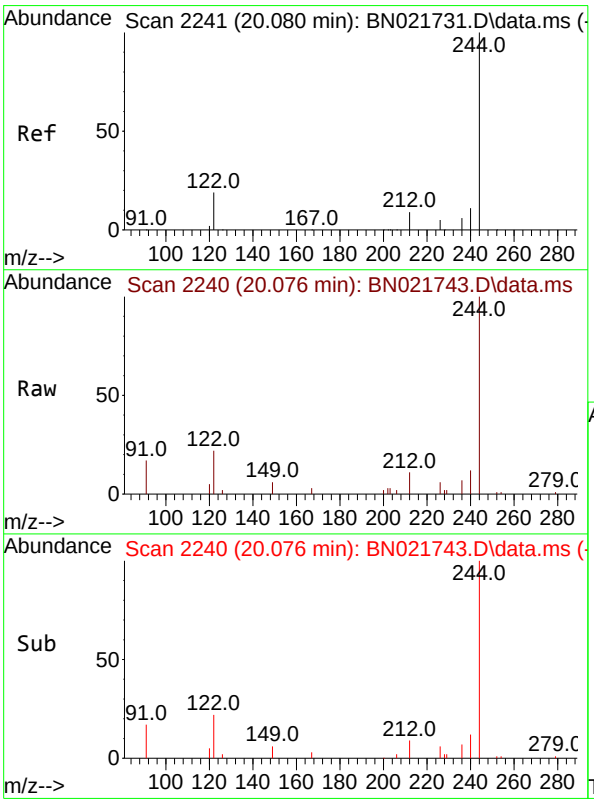
#30
Pyrene
Concen: 0.786 ng
RT: 19.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:202 Resp: 66882

Ion	Ratio	Lower	Upper
202	100		
200	21.1	15.0	22.4
203	23.0	12.8	19.2#

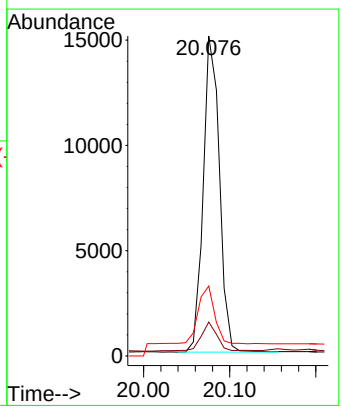


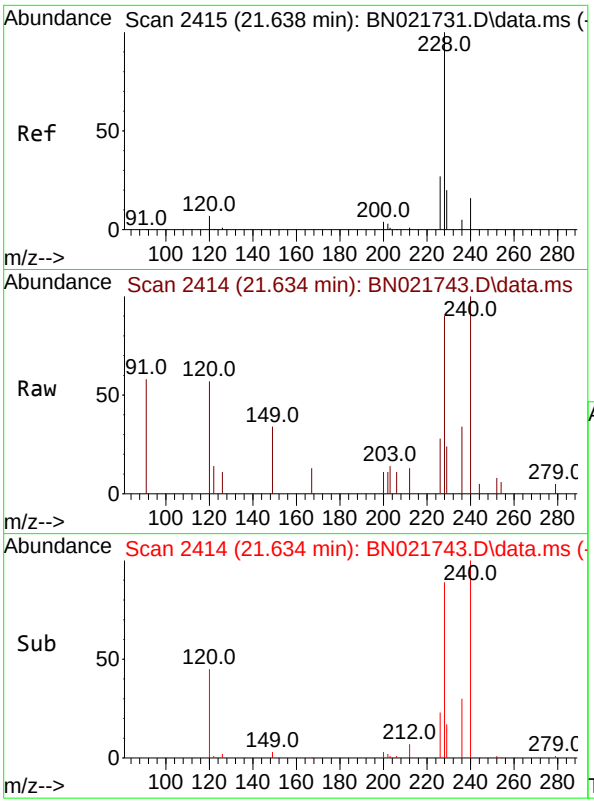


#31
Terphenyl-d14
Concen: 0.501 ng
RT: 20.076 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:244 Resp: 19623

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.9	11.9
122	21.8	15.8	23.8



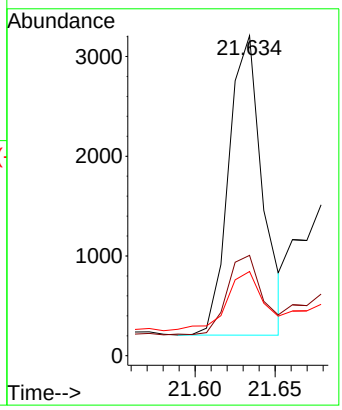


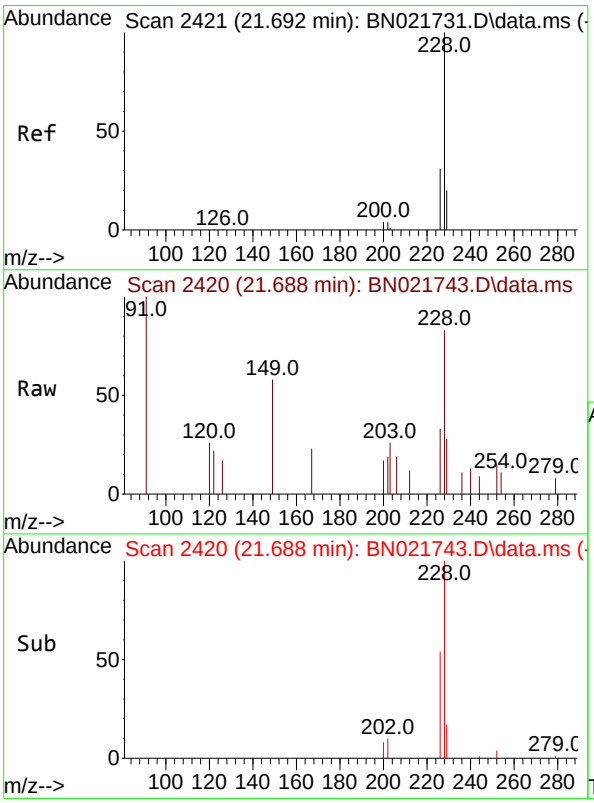
#32
Benzo(a)anthracene
Concen: 0.067 ng
RT: 21.634 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:228 Resp: 4410

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.5	32.3
229	26.3	15.8	23.8#

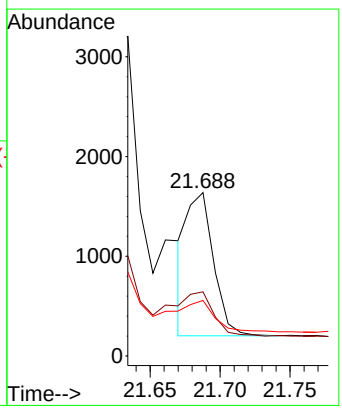


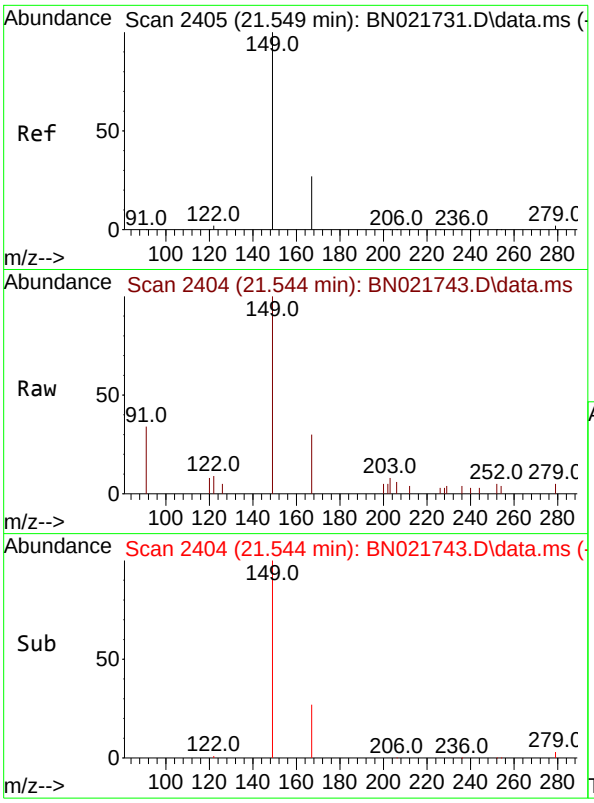


#33
Chrysene
Concen: 0.028 ng
RT: 21.688 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:228 Resp: 1909

Ion	Ratio	Lower	Upper
228	100		
226	39.3	24.5	36.7#
229	34.0	16.0	24.0#



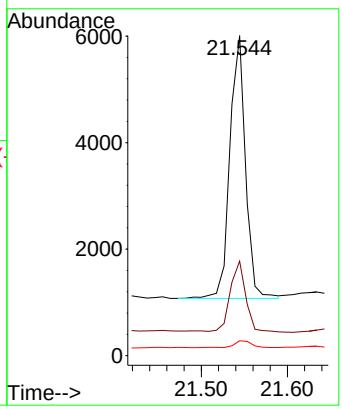


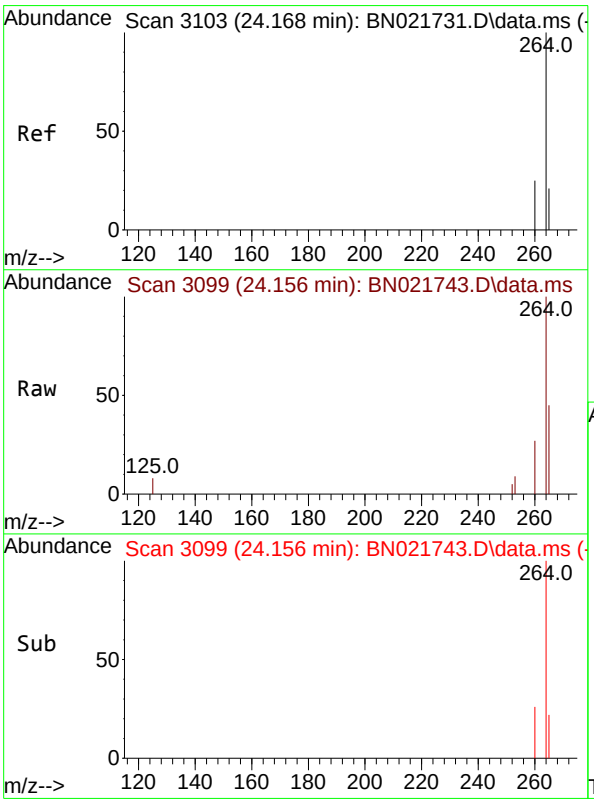
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.141 ng
RT: 21.544 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Instrument :
BNA_N
ClientSampleId :
DUP090822

Tgt Ion:149 Resp: 6209

Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.8	31.2
279	3.1	2.1	3.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.156 min Scan# 3099
Delta R.T. -0.013 min
Lab File: BN021743.D
Acq: 14 Sep 2022 12:33

Tgt Ion:264 Resp: 13675

Ion	Ratio	Lower	Upper
264	100		
260	27.1	20.6	31.0
265	45.3	34.4	51.6