Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021755.D
Acq On : 14 Sep 2022 20:02
Operator : CG/JU
Sample : N4549-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-55

Quant Time: Sep 15 02:12:37 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	8.054	152	5569	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	19271	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	12580	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	24594	0.400	ng	0.00
29) Chrysene-d12	21.647	240	17311	0.400	ng	# 0.00
35) Perylene-d12	24.157	264	13734	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2372	0.163	ng	0.00
5) Phenol-d6	7.209	99	1887	0.102	ng	0.00
8) Nitrobenzene-d5	9.222	82	5482	0.344	ng	-0.01
11) 2-Methylnaphthalene-d10	12.471	152	15099	0.311	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	2284	0.397	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	19141	0.373	ng	0.00
27) Fluoranthene-d10	19.490	212	27361	0.413	ng	0.00
31) Terphenyl-d14	20.080	244	17523	0.443	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.389	88	226	0.031	ng	# 1
3) n-Nitrosodimethylamine	3.793	42	405	0.055	ng	# 1
9) Naphthalene	10.930	128	3110	0.055	ng	# 1
16) Acenaphthylene	14.429	152	1424	0.024	ng	# 9
17) Acenaphthene	14.771	154	4612	0.112	ng	94
18) Fluorene	15.747	166	4721	0.087	ng	# 94
25) Phenanthrene	17.502	178	5673	0.069	ng	97
26) Anthracene	17.594	178	4877	0.070	ng	# 83
28) Fluoranthene	19.519	202	13989	0.157	ng	# 97
30) Pyrene	19.882	202	13305	0.155	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.540	149	6771	0.153	ng	# 97

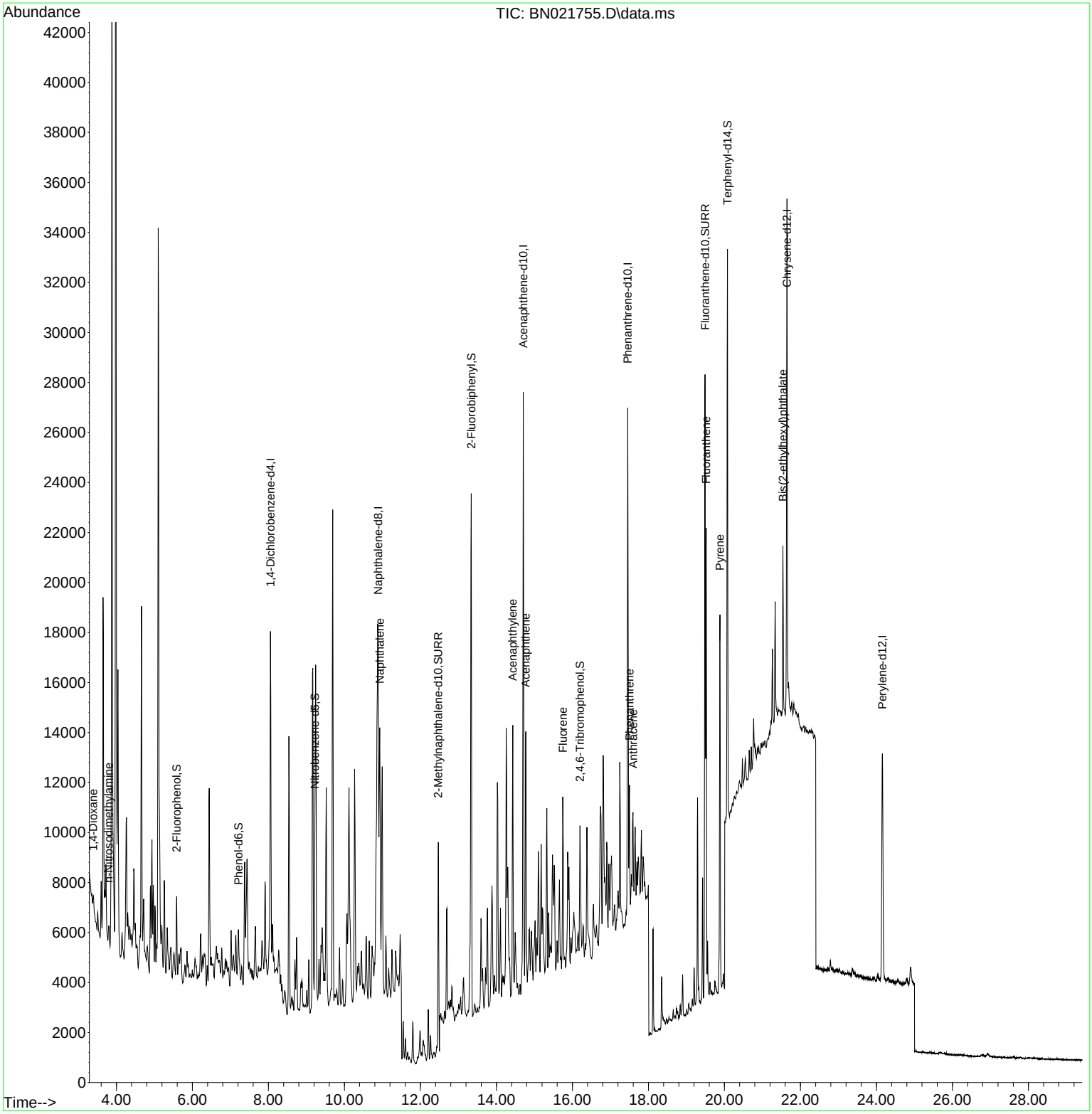
(#) = qualifier out of range (m) = manual integration (+) = signals summed

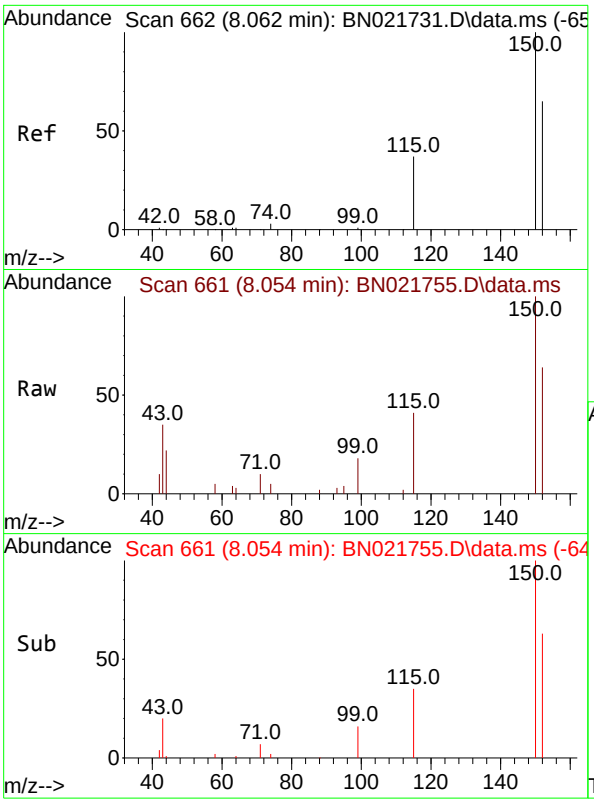
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021755.D
Acq On : 14 Sep 2022 20:02
Operator : CG/JU
Sample : N4549-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-55

Quant Time: Sep 15 02:12:37 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



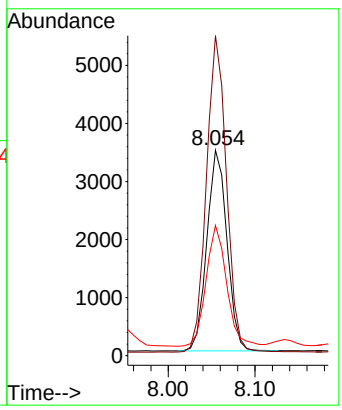


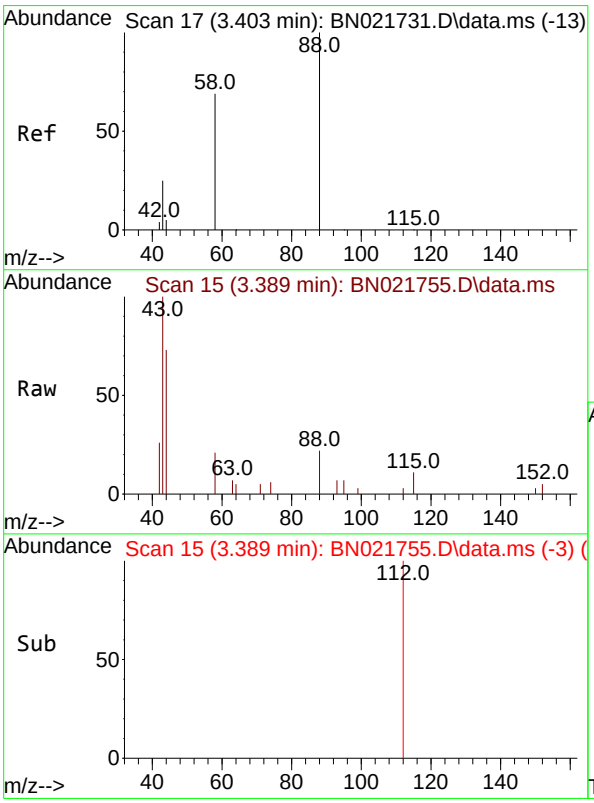
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion:152 Resp: 5569

Ion	Ratio	Lower	Upper
152	100		
150	155.7	121.8	182.8
115	63.4	48.3	72.5

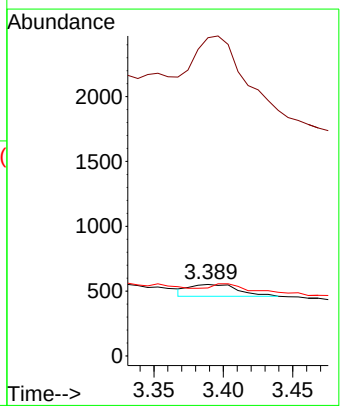


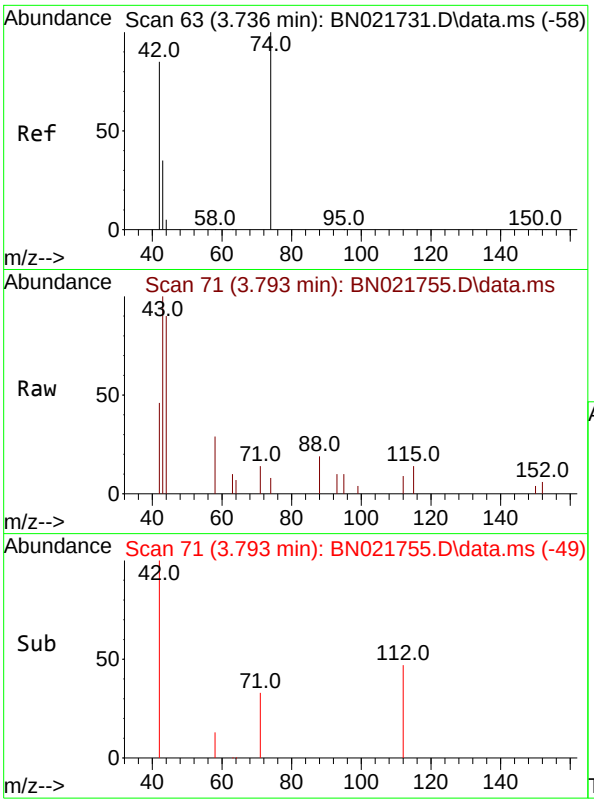


#2
1,4-Dioxane
Concen: 0.031 ng
RT: 3.389 min Scan# 15
Delta R.T. -0.014 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion: 88 Resp: 226

Ion	Ratio	Lower	Upper
88	100		
43	604.0	24.2	36.2#
58	47.8	60.2	90.4#



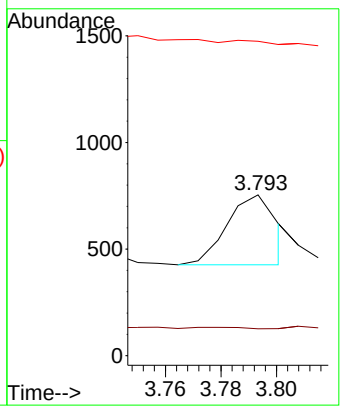


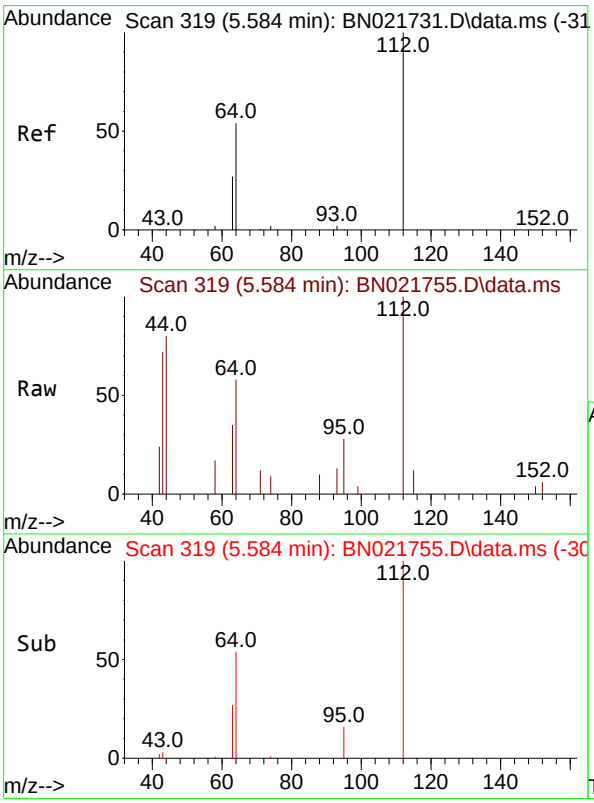
#3
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.793 min Scan# 7
Delta R.T. 0.058 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion: 42 Resp: 405

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

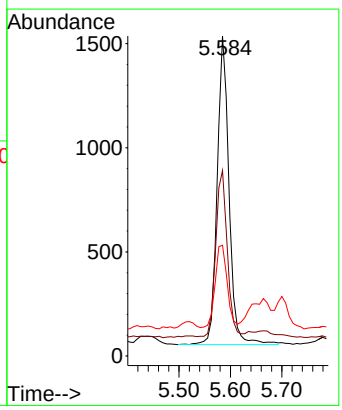


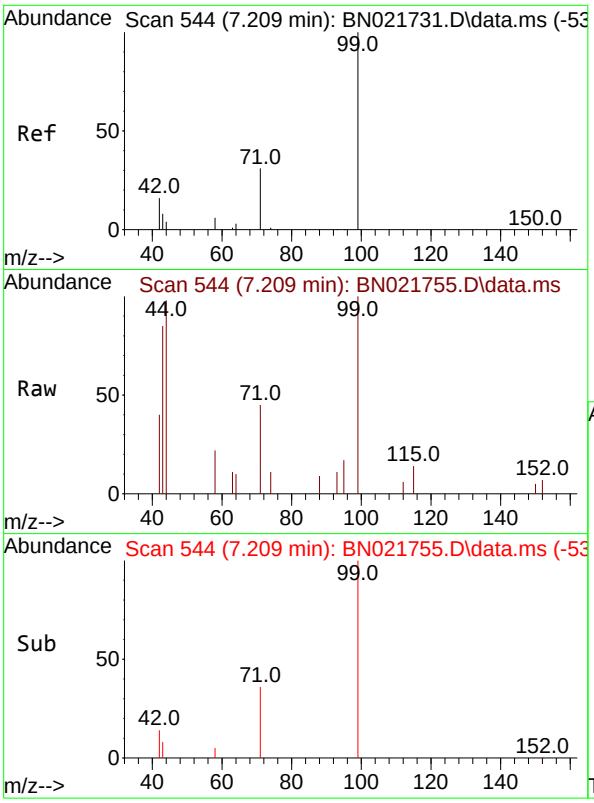


#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:112 Resp: 2372

Ion	Ratio	Lower	Upper
112	100		
64	52.0	45.4	68.2
63	27.1	23.3	34.9



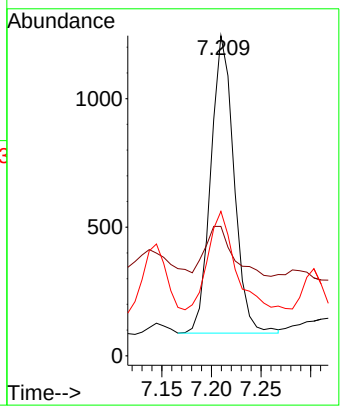


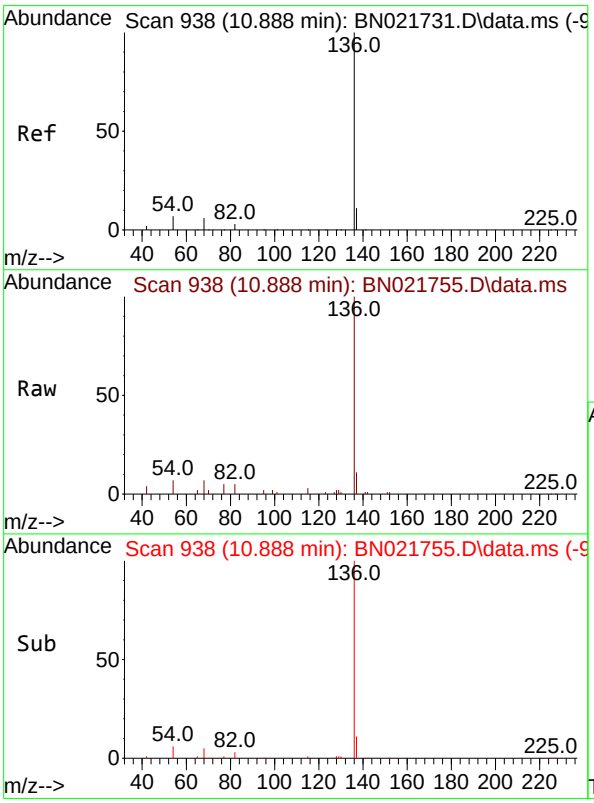
#5
Phenol-d6
Concen: 0.102 ng
RT: 7.209 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion: 99 Resp: 1887

Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.1	22.7
71	43.9	25.3	37.9#

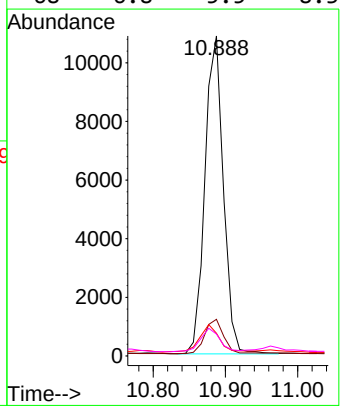


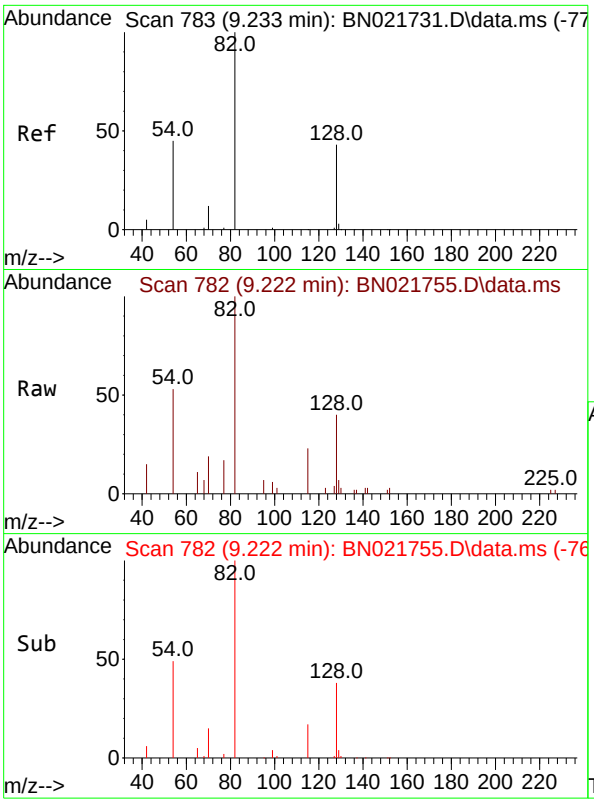


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:136 Resp: 19271

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.1	6.4	9.6
68	6.8	5.5	8.3



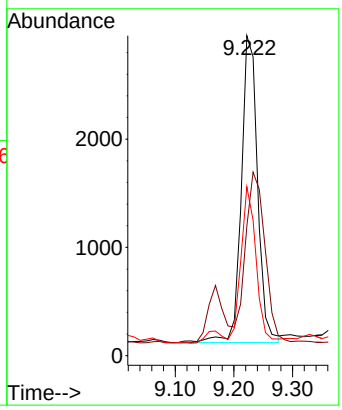


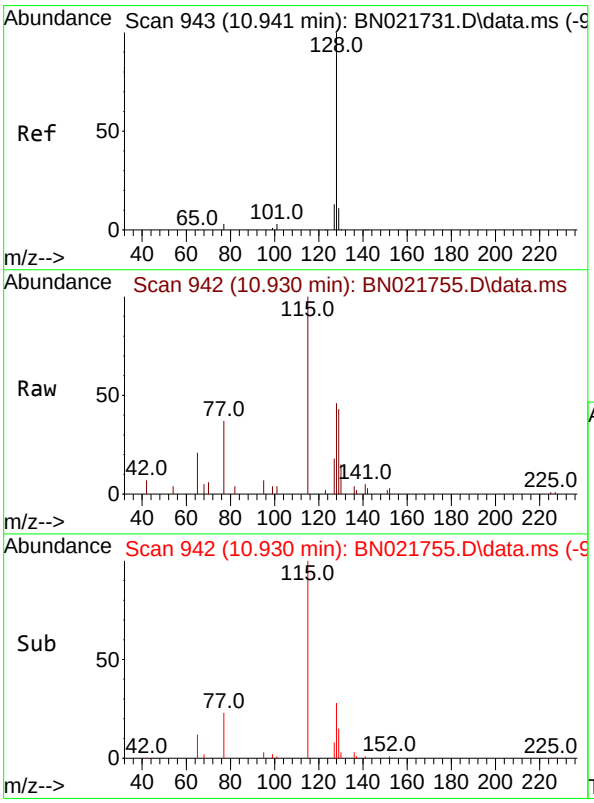
#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 9.222 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion: 82 Resp: 5482

Ion	Ratio	Lower	Upper
82	100		
128	40.5	35.6	53.4
54	52.8	37.8	56.8

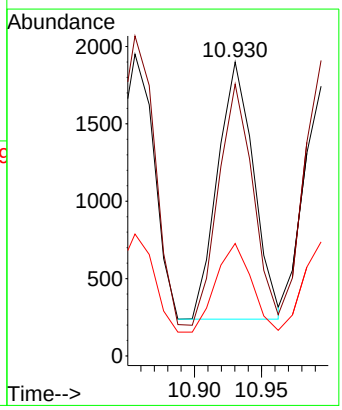


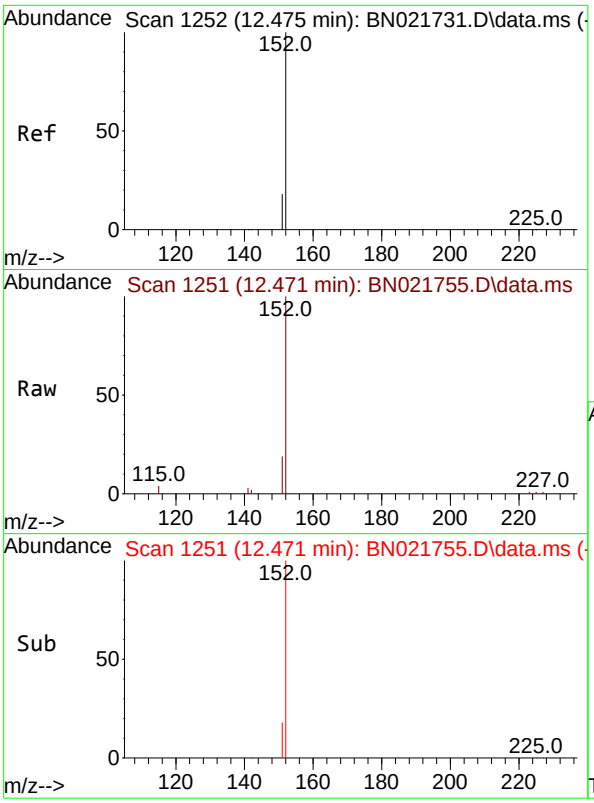


#9
Naphthalene
Concen: 0.055 ng
RT: 10.930 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:128 Resp: 3110

Ion	Ratio	Lower	Upper
128	100		
129	92.5	9.2	13.8#
127	38.3	10.5	15.7#



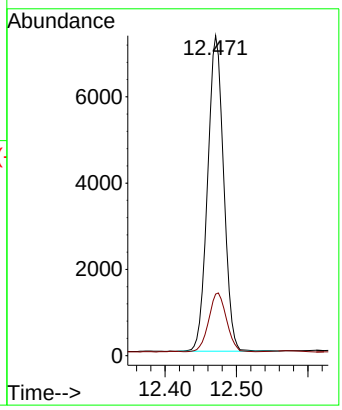


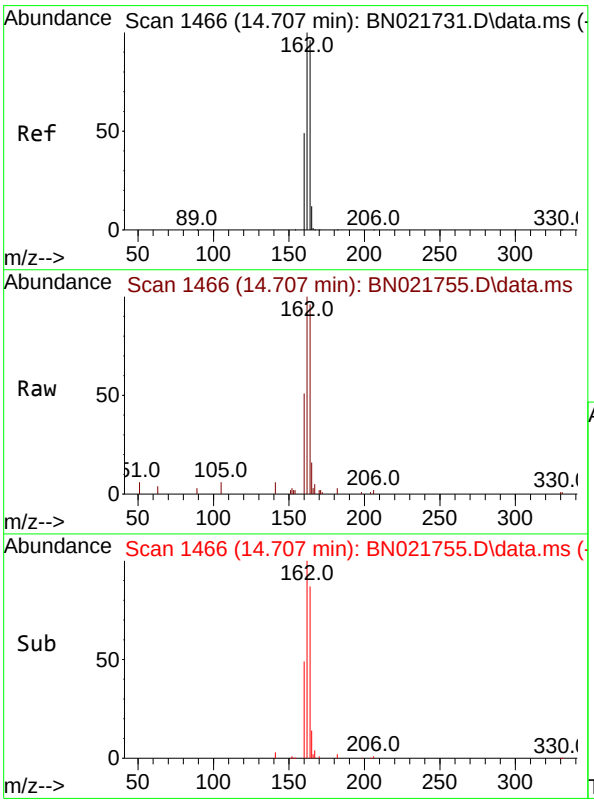
#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.471 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion:152 Resp: 15099

Ion	Ratio	Lower	Upper
152	100		
151	17.9	15.6	23.4

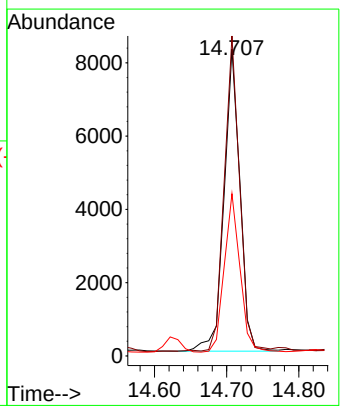


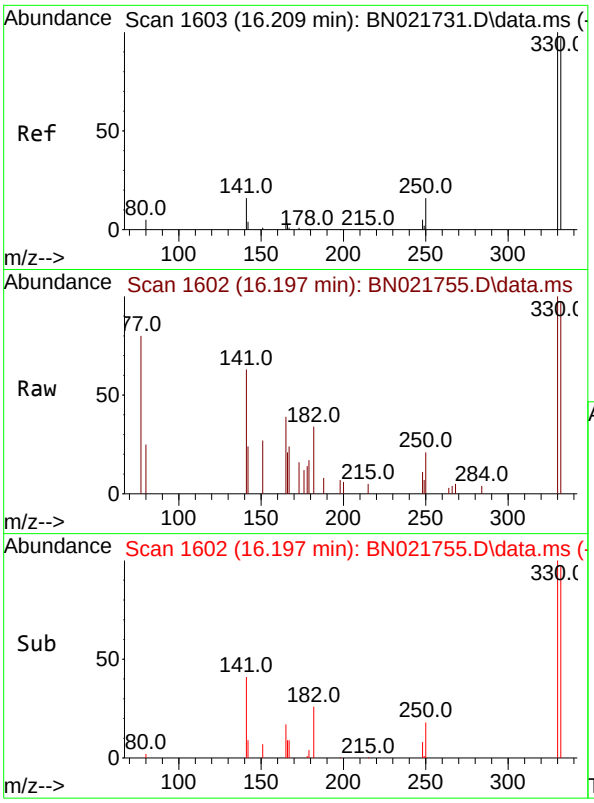


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:164 Resp: 12580

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.2	124.8
160	52.9	40.9	61.3



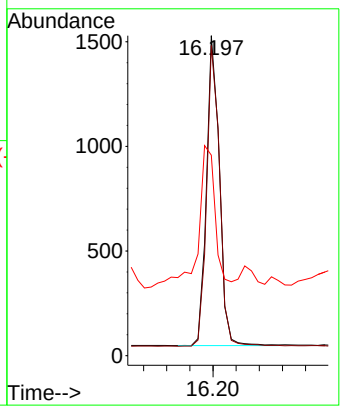


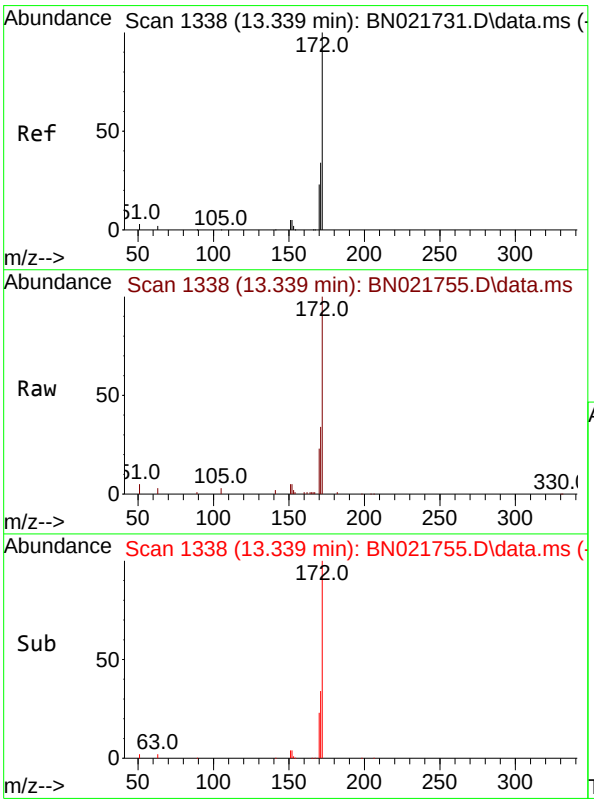
#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 16.197 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion:330 Resp: 2284

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.8	115.2
141	48.9	37.2	55.8

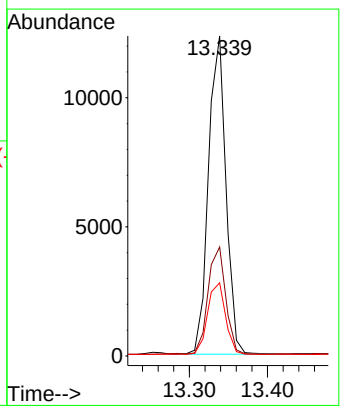


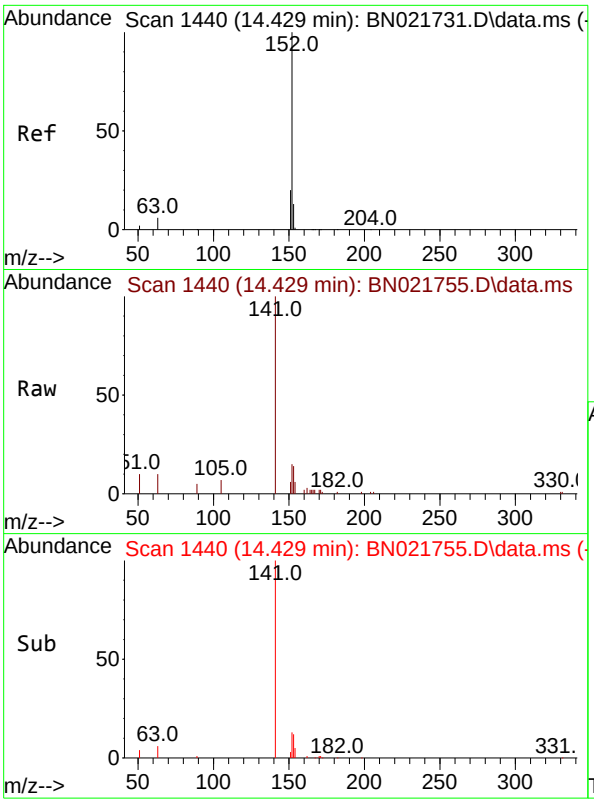


#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:172 Resp: 19141

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.7	41.5
170	22.9	18.8	28.2



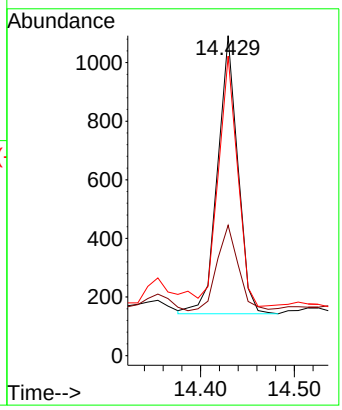


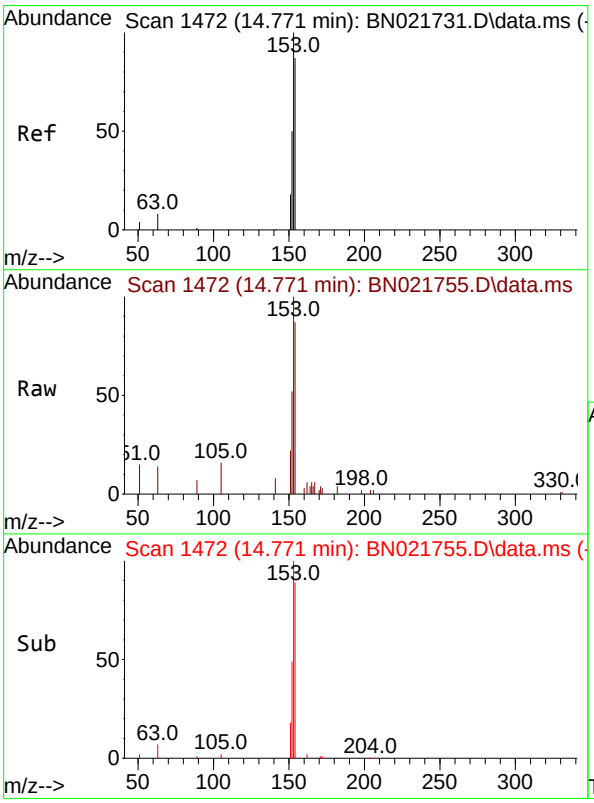
#16
Acenaphthylene
Concen: 0.024 ng
RT: 14.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion:152 Resp: 1424

Ion	Ratio	Lower	Upper
152	100		
151	32.4	15.4	23.0#
153	85.2	10.3	15.5#

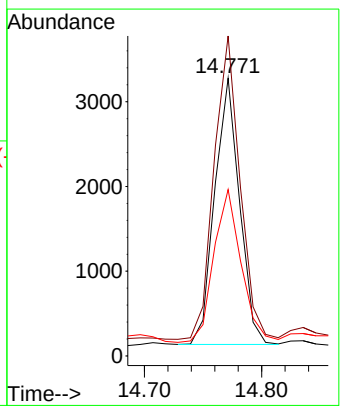


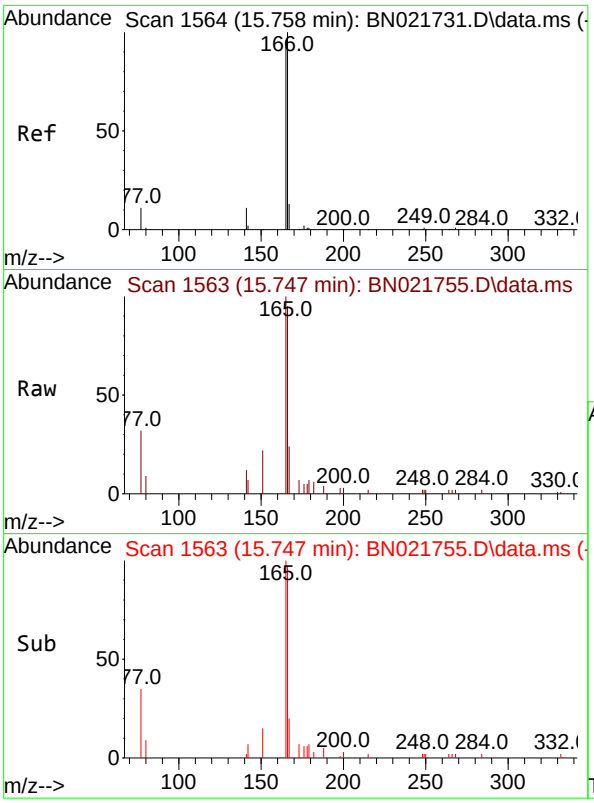


#17
Acenaphthene
Concen: 0.112 ng
RT: 14.771 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:154 Resp: 4612

Ion	Ratio	Lower	Upper
154	100		
153	118.5	91.0	136.4
152	63.4	46.0	69.0



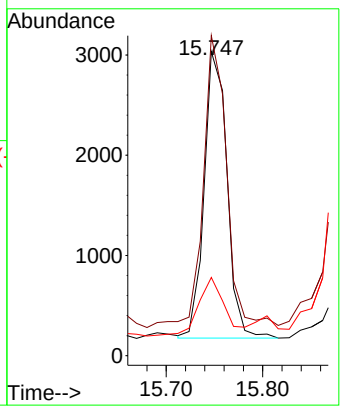


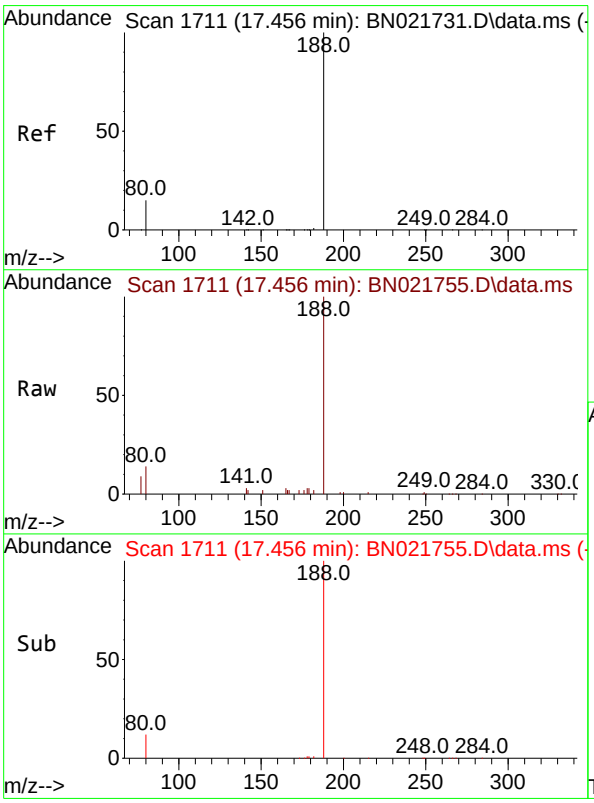
#18
Fluorene
Concen: 0.087 ng
RT: 15.747 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion:166 Resp: 4721

Ion	Ratio	Lower	Upper
166	100		
165	102.7	79.4	119.0
167	23.0	10.6	15.8#

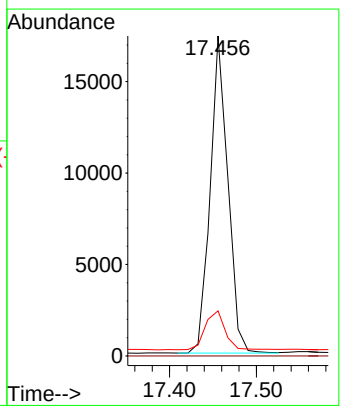


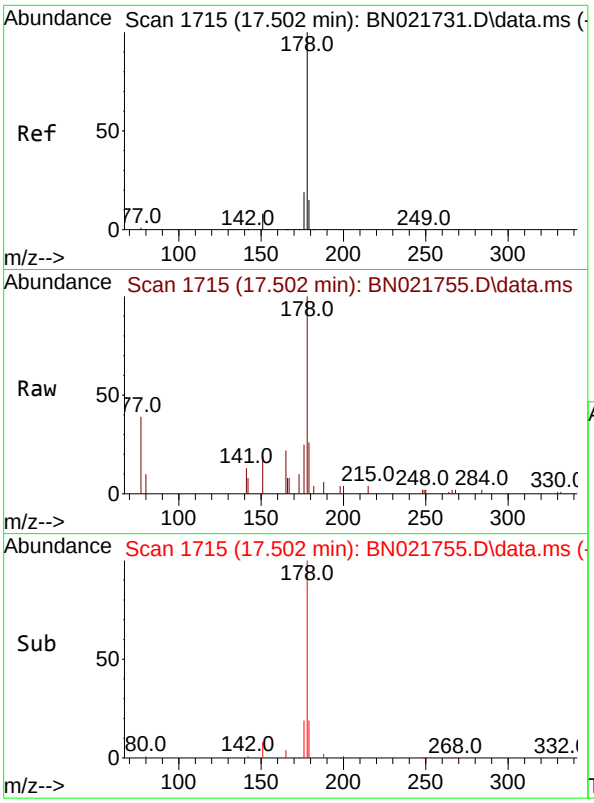


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:188 Resp: 24594

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	12.6	19.0



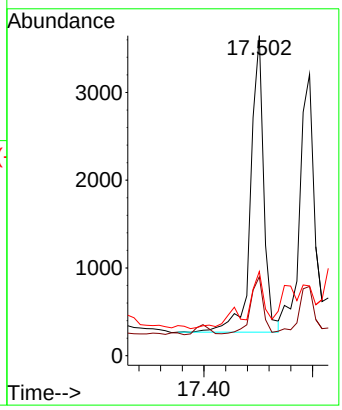


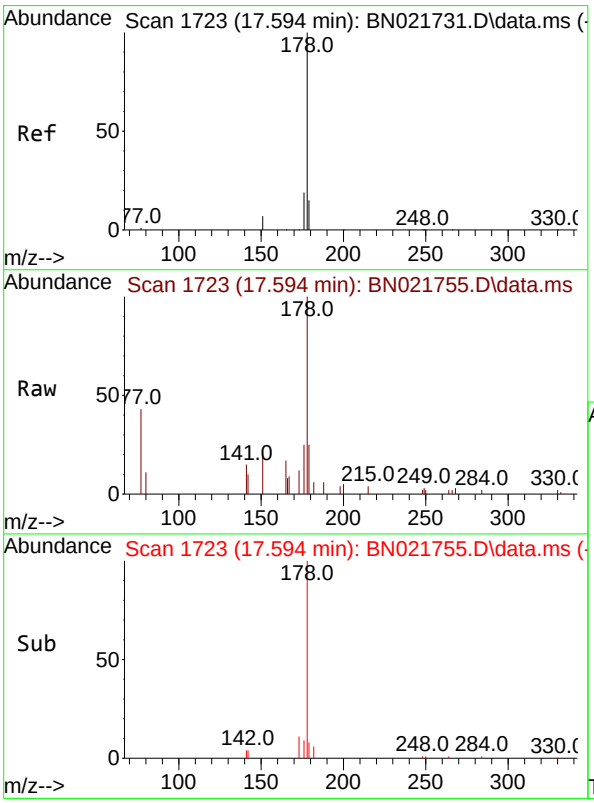
#25
Phenanthrene
Concen: 0.069 ng
RT: 17.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion:178 Resp: 5673

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	12.6	12.2	18.4

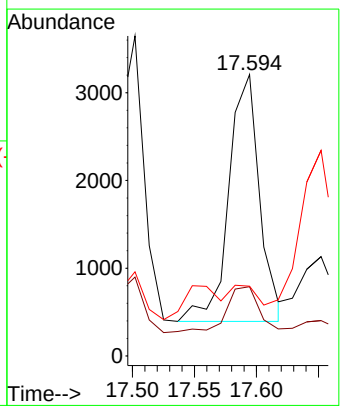


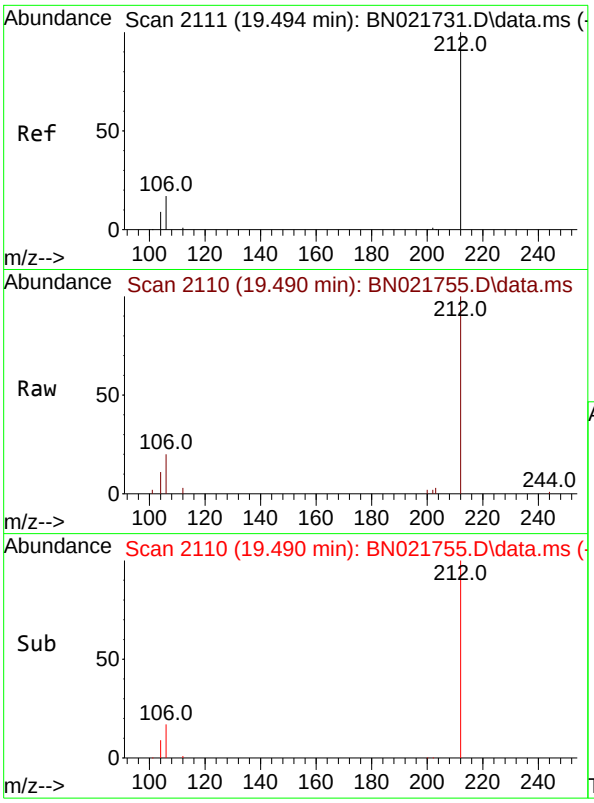


#26
Anthracene
Concen: 0.070 ng
RT: 17.594 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:178 Resp: 4877

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	0.0	12.2	18.2#



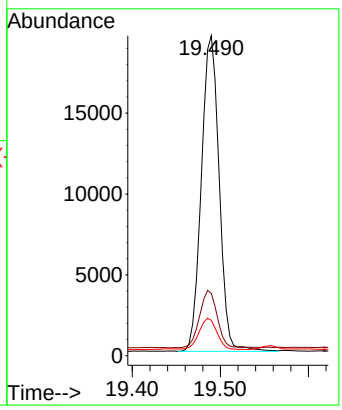


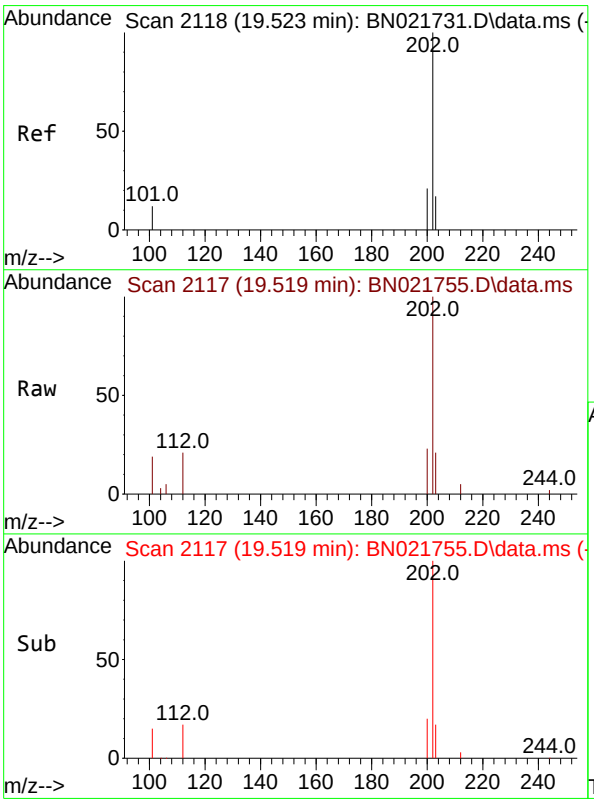
#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.490 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion:212 Resp: 27361

Ion	Ratio	Lower	Upper
212	100		
106	17.9	14.3	21.5
104	9.9	8.0	12.0

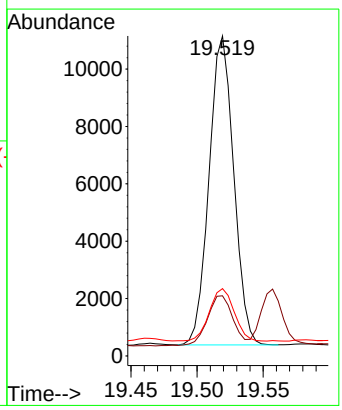


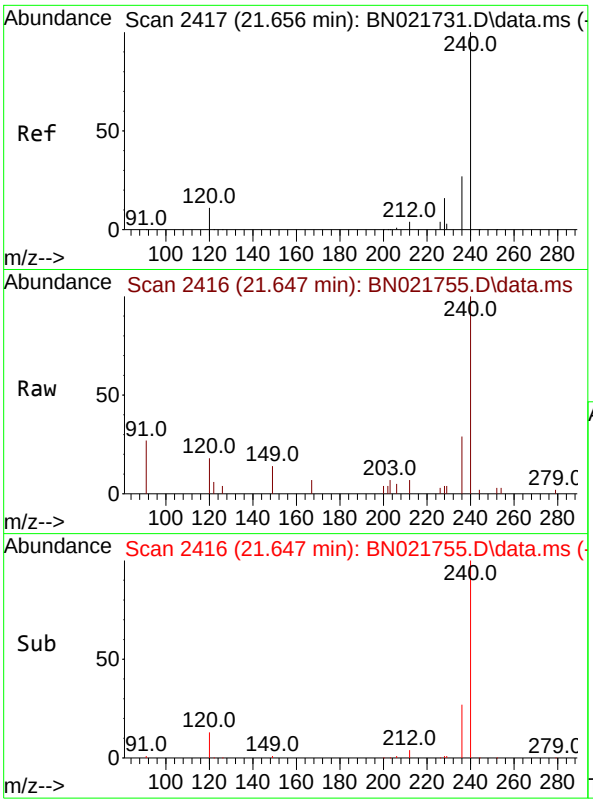


#28
Fluoranthene
Concen: 0.157 ng
RT: 19.519 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:202 Resp: 13989

Ion	Ratio	Lower	Upper
202	100		
101	16.5	11.0	16.4#
203	17.0	13.7	20.5



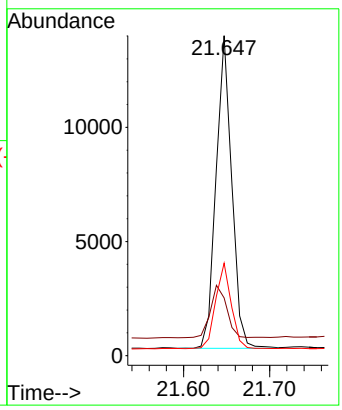


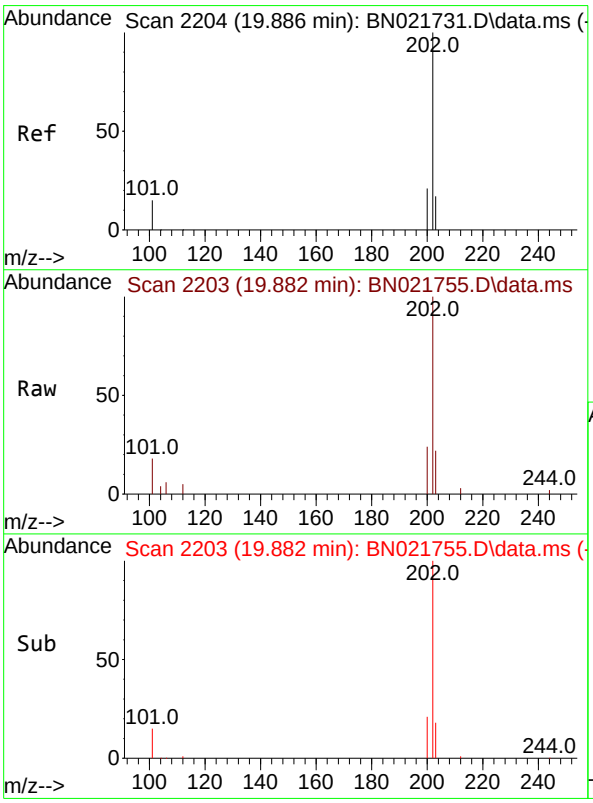
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion:240 Resp: 17311

Ion	Ratio	Lower	Upper
240	100		
120	18.1	9.8	14.8#
236	28.9	22.2	33.4

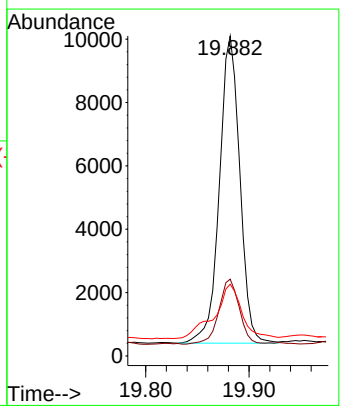


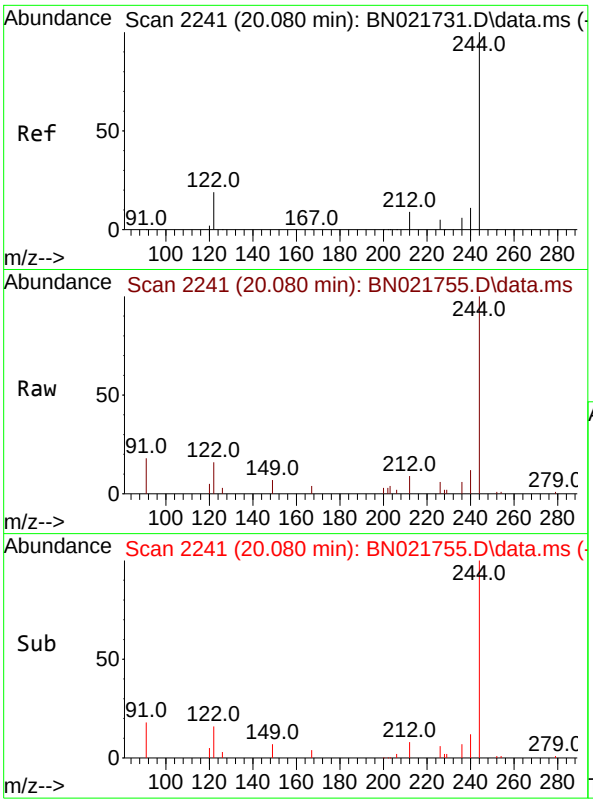


#30
Pyrene
Concen: 0.155 ng
RT: 19.882 min Scan# 2203
Delta R.T. -0.004 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:202 Resp: 13305

Ion	Ratio	Lower	Upper
202	100		
200	21.2	15.0	22.4
203	23.7	12.8	19.2#



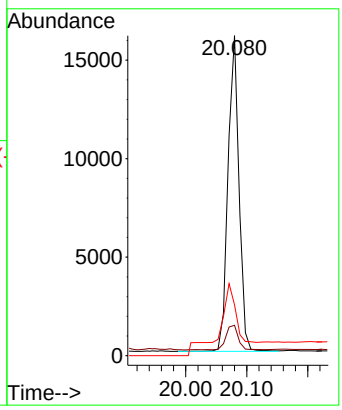


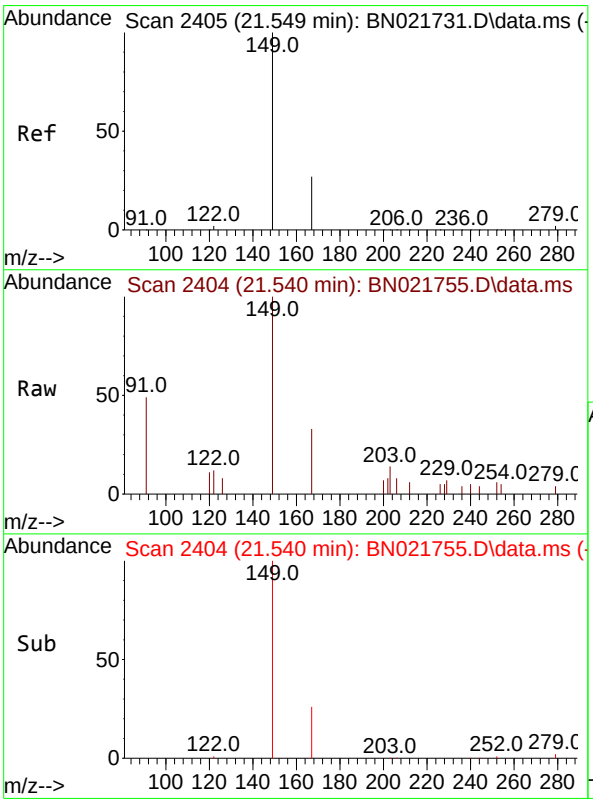
#31
Terphenyl-d14
Concen: 0.443 ng
RT: 20.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion:244 Resp: 17523

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	15.9	15.8	23.8

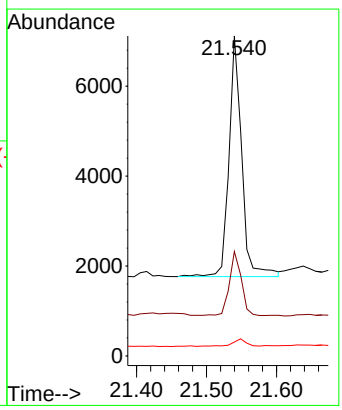


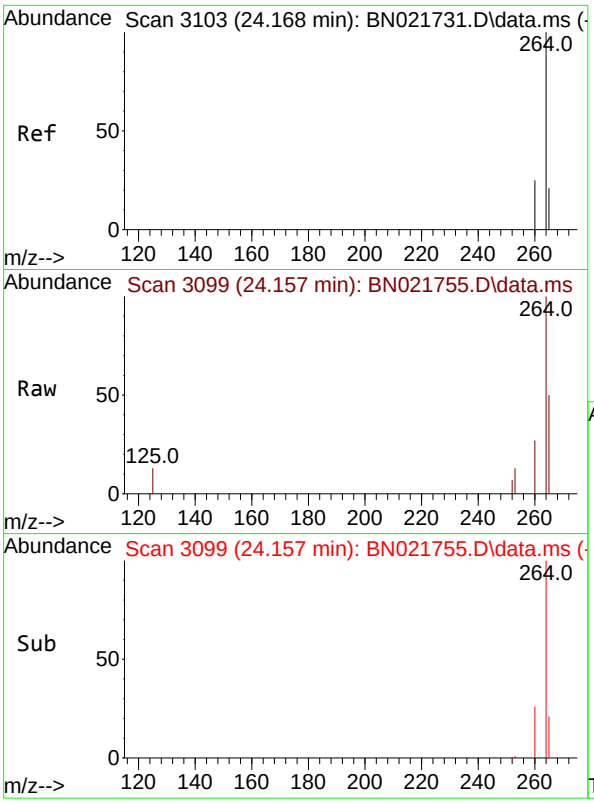


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.153 ng
RT: 21.540 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Tgt Ion:149 Resp: 6771

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.8	31.2
279	3.4	2.1	3.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.157 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN021755.D
Acq: 14 Sep 2022 20:02

Instrument :
BNA_N
ClientSampleId :
MW-55

Tgt Ion:264 Resp: 13734

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.6	31.0
265	50.4	34.4	51.6