Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021677.D
Acq On : 10 Sep 2022 01:10
Operator : CG/JU
Sample : N4537-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW1

Quant Time: Sep 10 02:12:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5014	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	17111	0.400	ng	#-0.01
13) Acenaphthene-d10	14.718	164	11346	0.400	ng	# 0.00
19) Phenanthrene-d10	17.460	188	21229	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	15841	0.400	ng	# 0.00
35) Perylene-d12	24.165	264	10078	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1904	0.194	ng	0.00
5) Phenol-d6	7.217	99	1443	0.115	ng	0.00
8) Nitrobenzene-d5	9.233	82	4274	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	9317	0.242	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	2116	0.568	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	12276	0.247	ng	0.00
27) Fluoranthene-d10	19.493	212	20569	0.377	ng	0.00
31) Terphenyl-d14	20.079	244	13464	0.378	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.389	88	455	0.073	ng	# 1
3) n-Nitrosodimethylamine	3.728	42	5968	1.056	ng	# 1
6) bis(2-Chloroethyl)ether	7.513	93	507	0.032	ng	# 28
9) Naphthalene	10.941	128	4498	0.089	ng	# 69
12) 2-Methylnaphthalene	12.153	142	68	0.135	ng	# 1
18) Fluorene	15.733	166	4550	0.098	ng	# 8
23) Atrazine	16.926	200	1240	0.160	ng	# 1
24) Pentachlorophenol	17.111	266	44	0.211	ng	# 79
25) Phenanthrene	17.501	178	3460	0.047	ng	# 8
26) Anthracene	17.572	178	2187	0.038	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.548	149	6449	0.290	ng	# 97

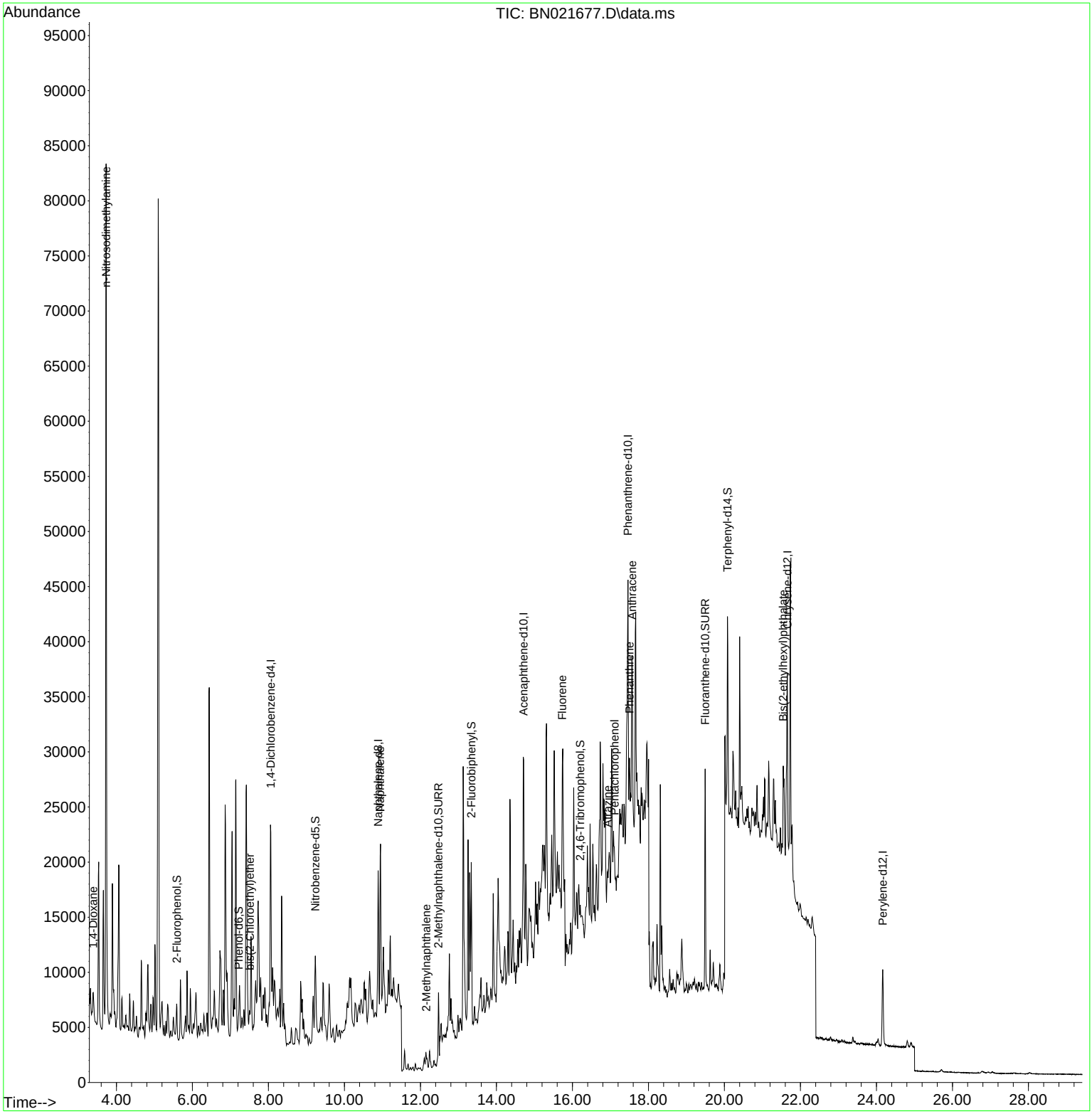
(#) = qualifier out of range (m) = manual integration (+) = signals summed

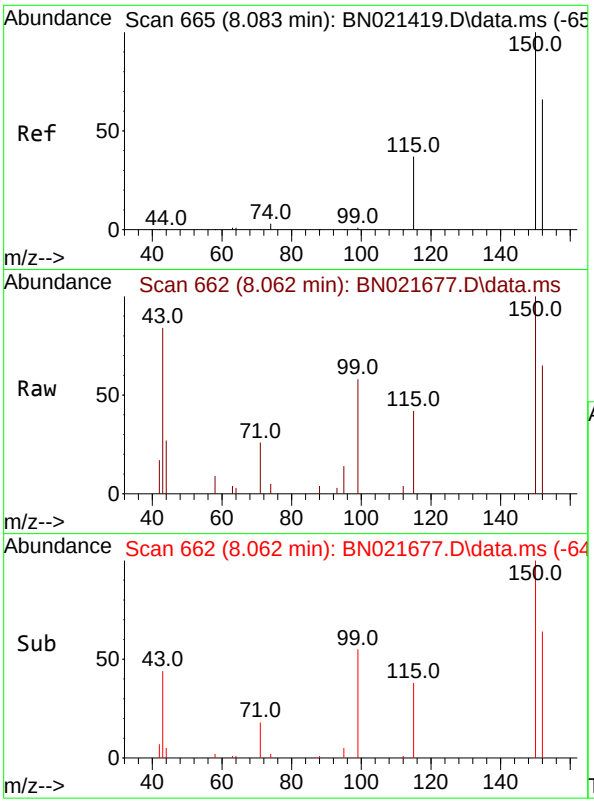
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021677.D
Acq On : 10 Sep 2022 01:10
Operator : CG/JU
Sample : N4537-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW1

Quant Time: Sep 10 02:12:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



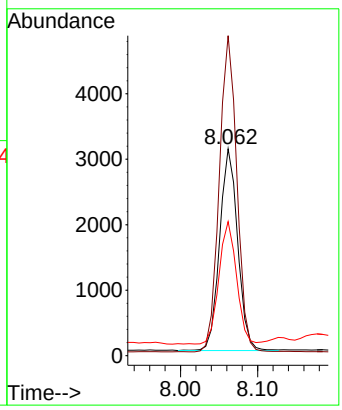


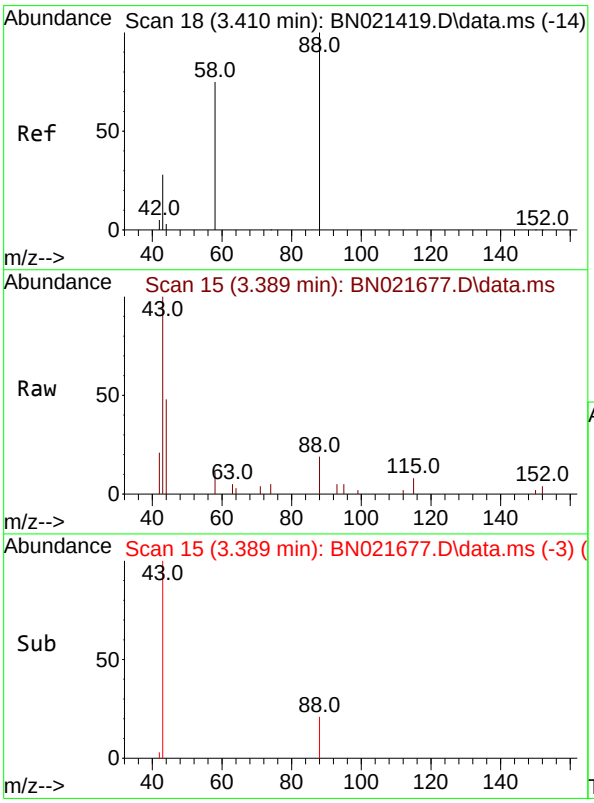
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:152 Resp: 5014

Ion	Ratio	Lower	Upper
152	100		
150	154.7	121.4	182.0
115	64.8	48.6	72.8

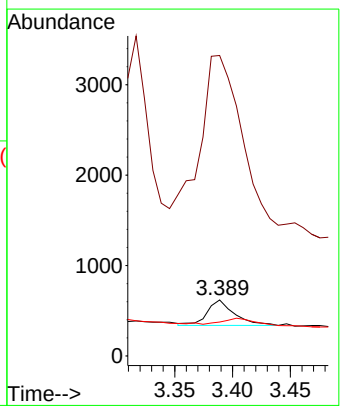


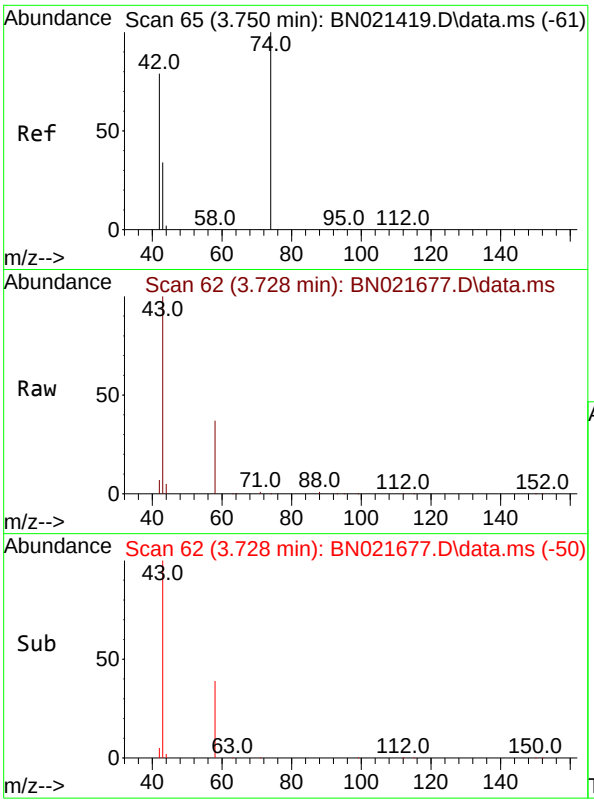


#2
1,4-Dioxane
Concen: 0.073 ng
RT: 3.389 min Scan# 15
Delta R.T. -0.014 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion: 88 Resp: 455

Ion	Ratio	Lower	Upper
88	100		
43	1012.1	35.8	53.8#
58	36.3	57.1	85.7#



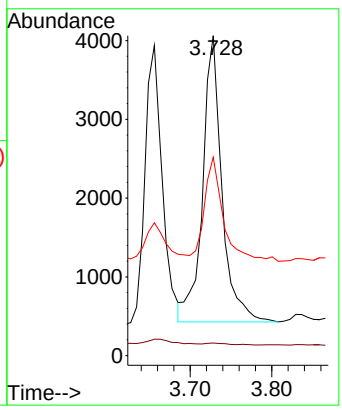


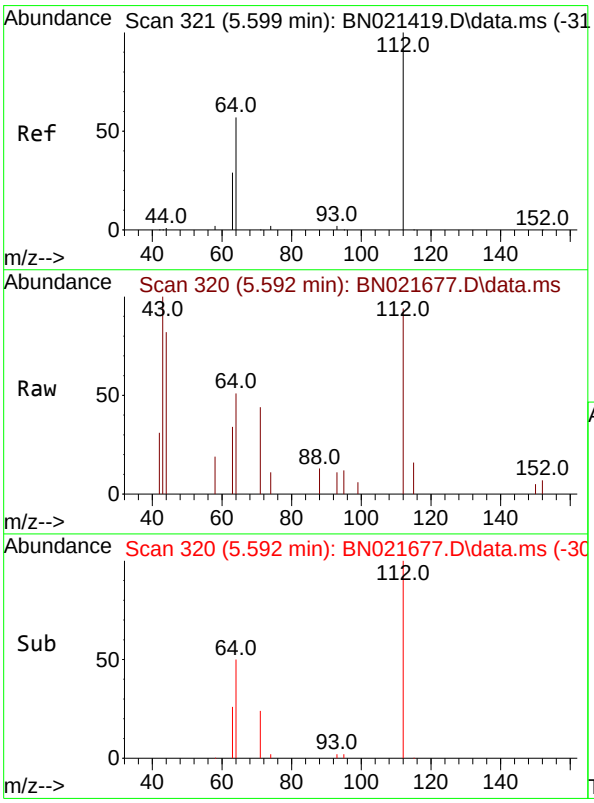
#3
n-Nitrosodimethylamine
Concen: 1.056 ng
RT: 3.728 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion: 42 Resp: 5968

Ion	Ratio	Lower	Upper
42	100		
74	0.8	113.0	169.6#
44	35.6	10.5	15.7#

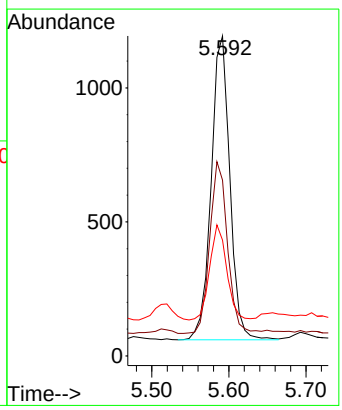


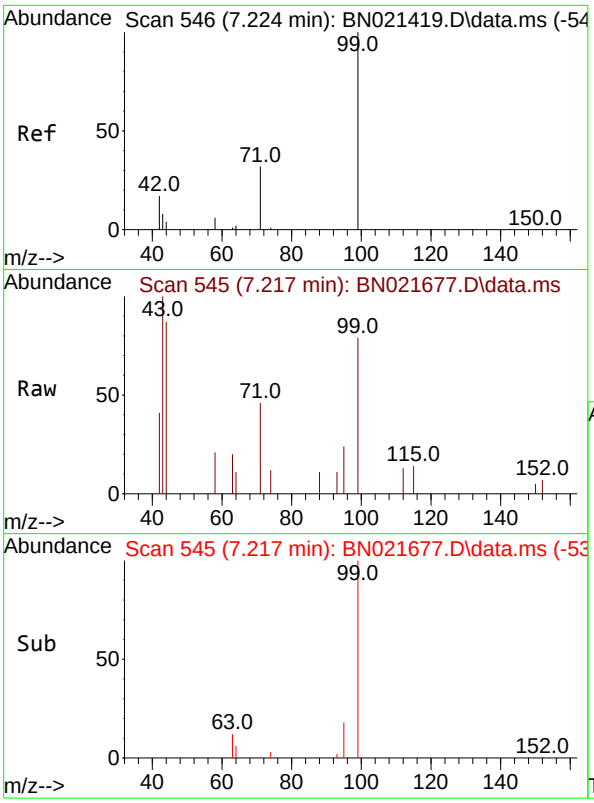


#4
2-Fluorophenol
Concen: 0.194 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion:112 Resp: 1904

Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.5	65.3
63	28.5	22.6	34.0



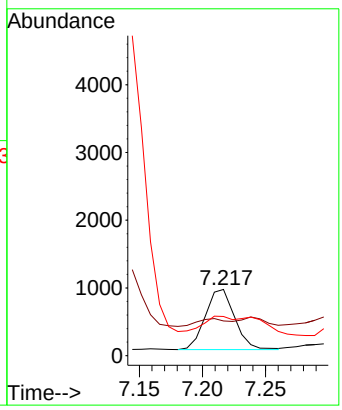


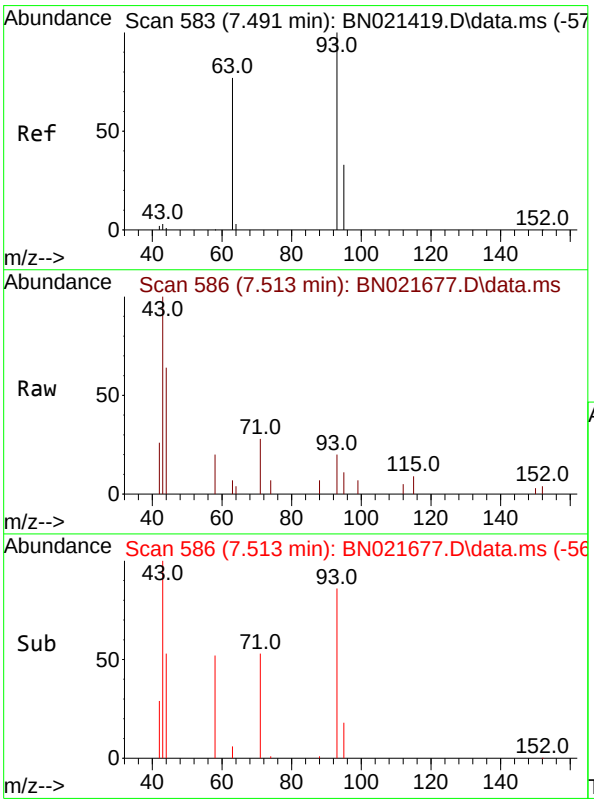
#5
Phenol-d6
Concen: 0.115 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion: 99 Resp: 1443

Ion	Ratio	Lower	Upper
99	100		
42	13.7	15.5	23.3#
71	64.9	24.2	36.2#

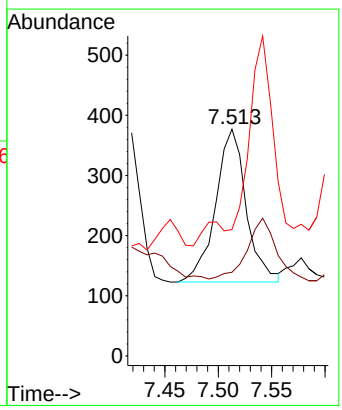


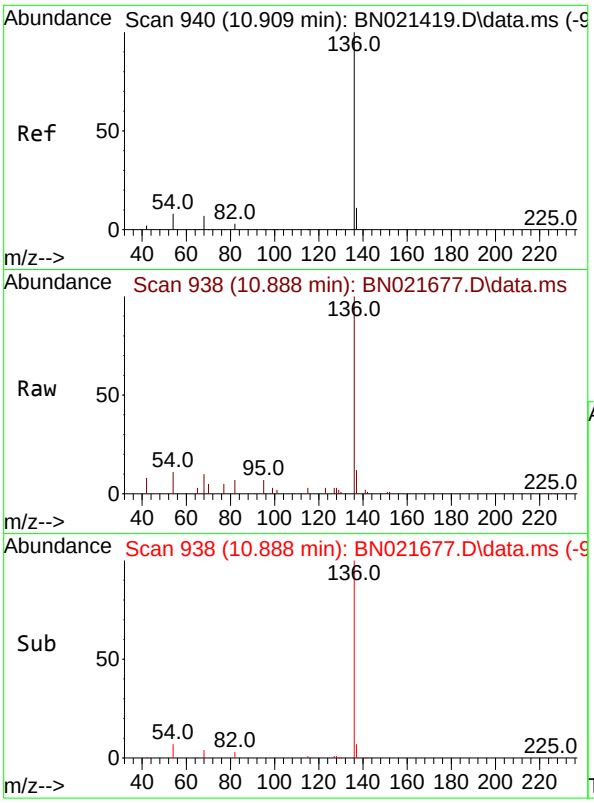


#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 7.513 min Scan# 586
Delta R.T. 0.036 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion: 93 Resp: 507

Ion	Ratio	Lower	Upper
93	100		
63	0.0	57.8	86.8#
95	11.0	25.9	38.9#



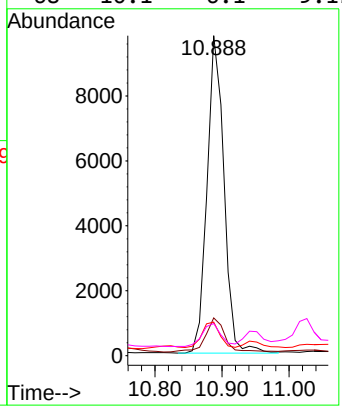


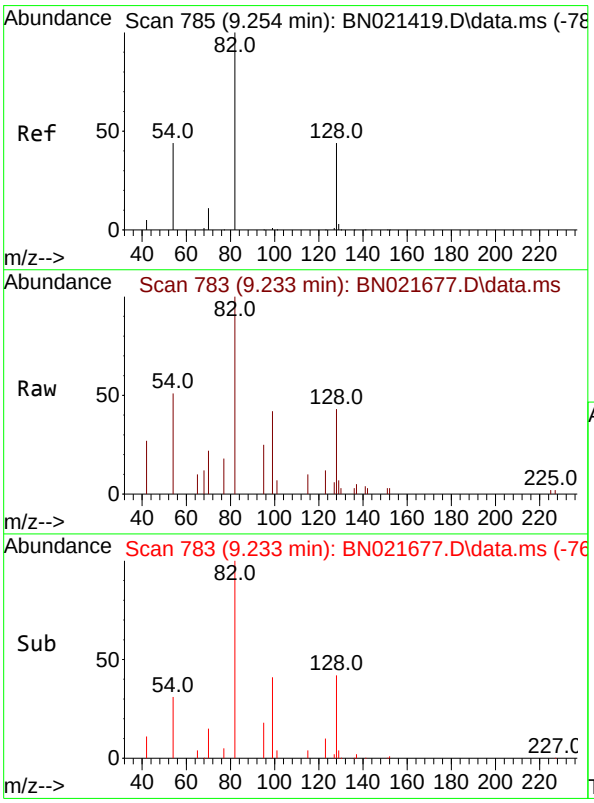
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:136 Resp: 17111

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	10.5	6.9	10.3#
68	10.1	6.1	9.1#

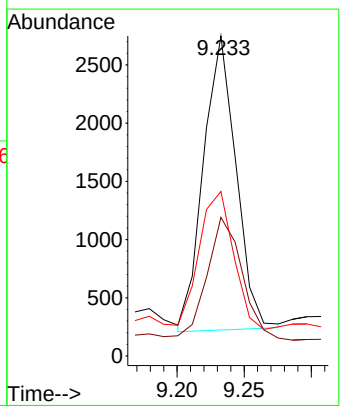


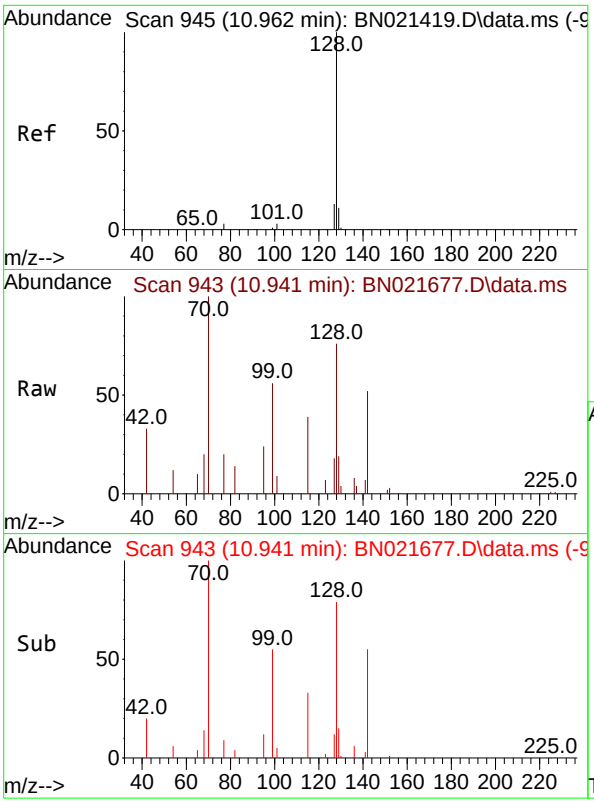


#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion: 82 Resp: 4274

Ion	Ratio	Lower	Upper
82	100		
128	43.3	30.9	46.3
54	51.4	42.7	64.1



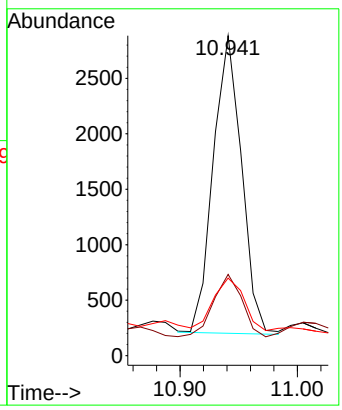


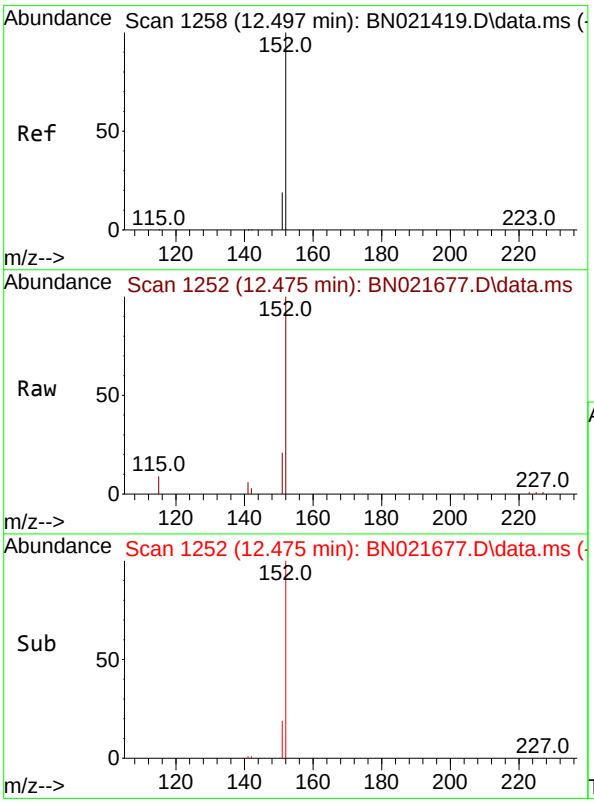
#9
Naphthalene
Concen: 0.089 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:128 Resp: 4498

Ion	Ratio	Lower	Upper
128	100		
129	25.4	9.3	13.9#
127	24.3	11.0	16.4#

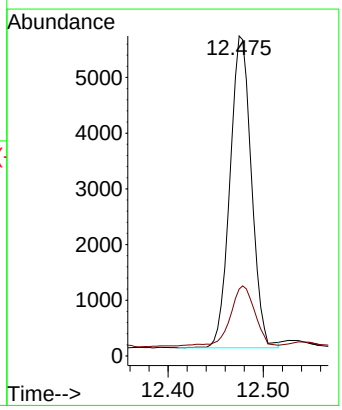


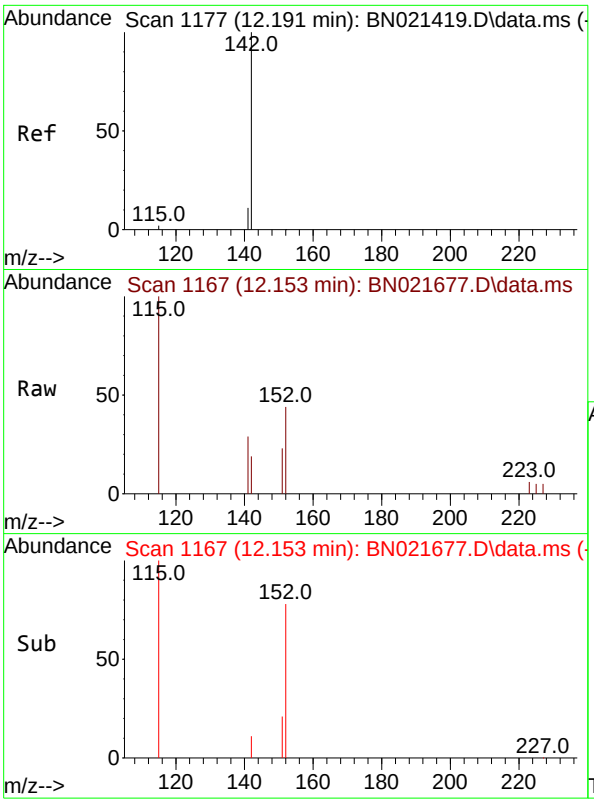


#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.475 min Scan# 1252
Delta R.T. -0.004 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion:152 Resp: 9317

Ion	Ratio	Lower	Upper
152	100		
151	21.5	14.5	21.7



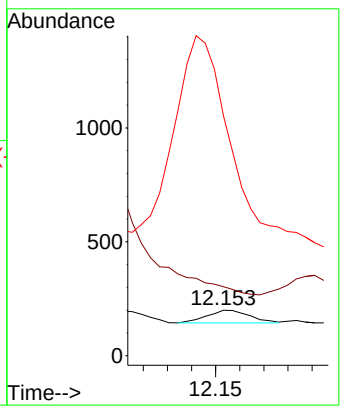


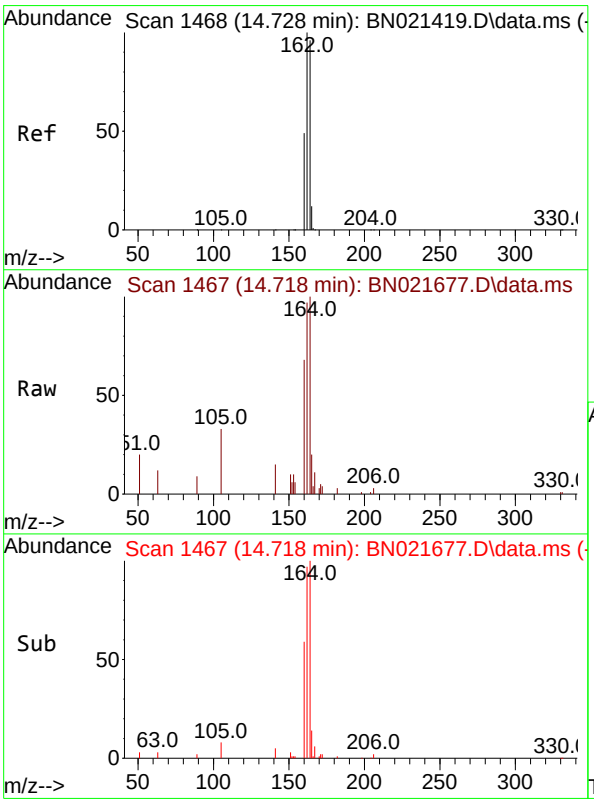
#12
2-Methylnaphthalene
Concen: 0.135 ng
RT: 12.153 min Scan# 11
Delta R.T. -0.026 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:142 Resp: 68

Ion	Ratio	Lower	Upper
142	100		
141	151.5	12.2	18.2#
115	526.5	7.9	11.9#

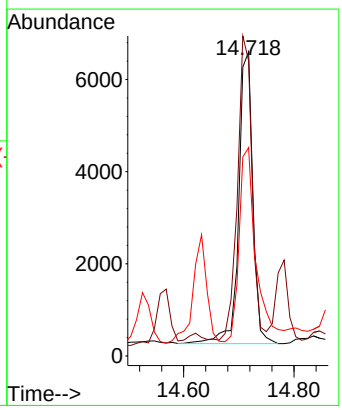


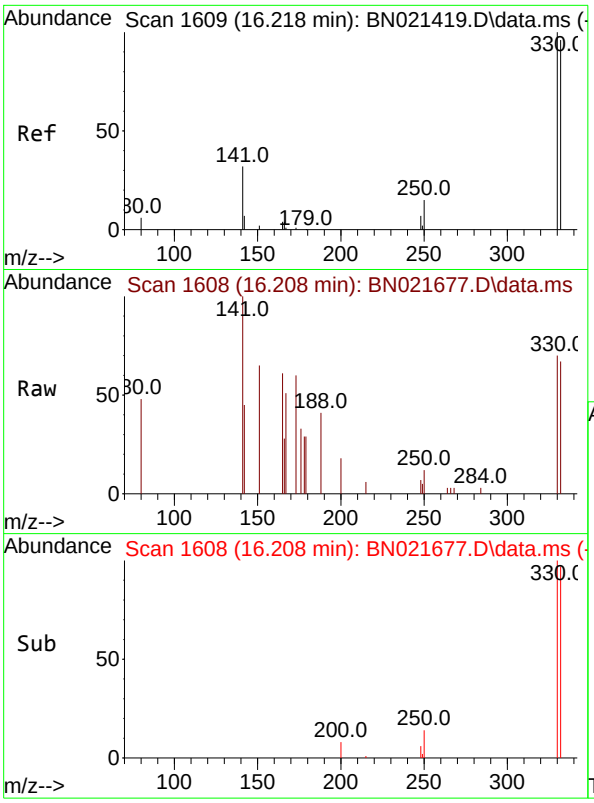


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion:164 Resp: 11346

Ion	Ratio	Lower	Upper
164	100		
162	97.0	82.2	123.4
160	68.5	39.5	59.3#



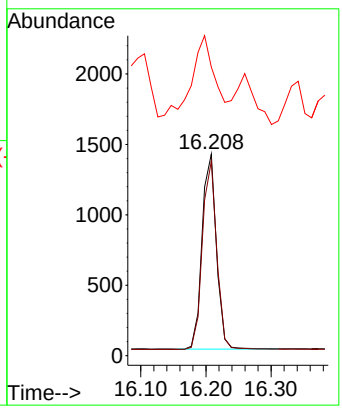


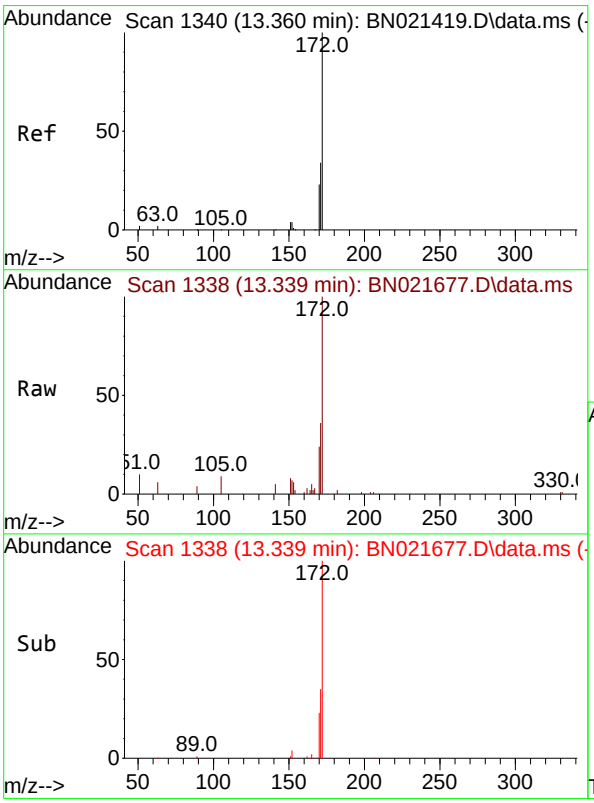
#14
2,4,6-Tribromophenol
Concen: 0.568 ng
RT: 16.208 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:330 Resp: 2116

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.3	118.9
141	65.1	37.1	55.7#

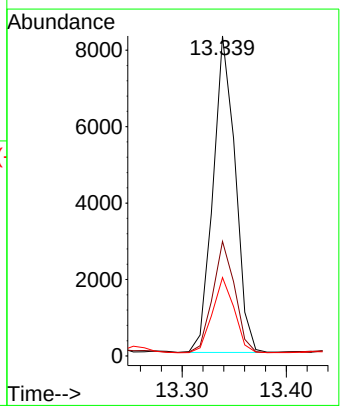


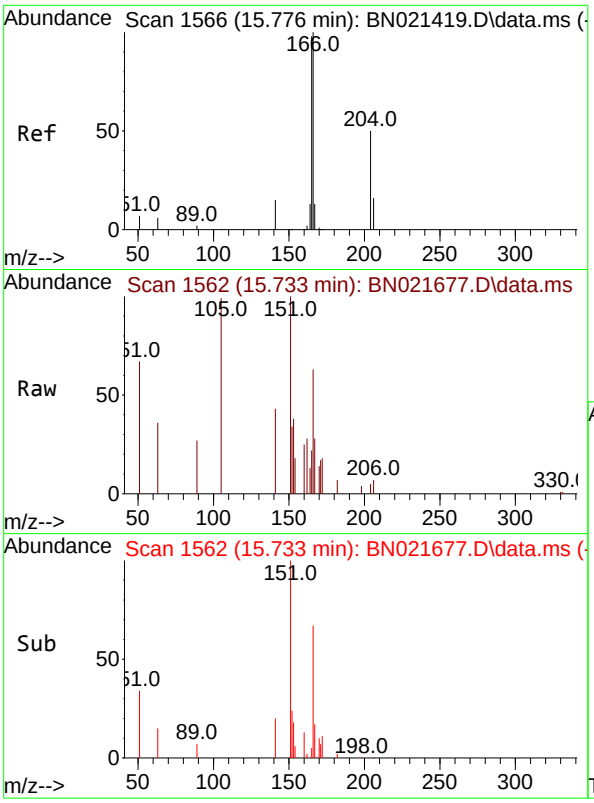


#15
2-Fluorobiphenyl
Concen: 0.247 ng
RT: 13.339 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion:172 Resp: 12276

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	24.5	18.6	28.0



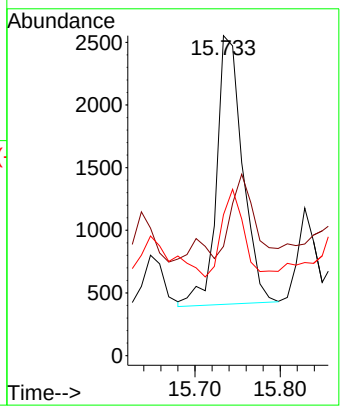


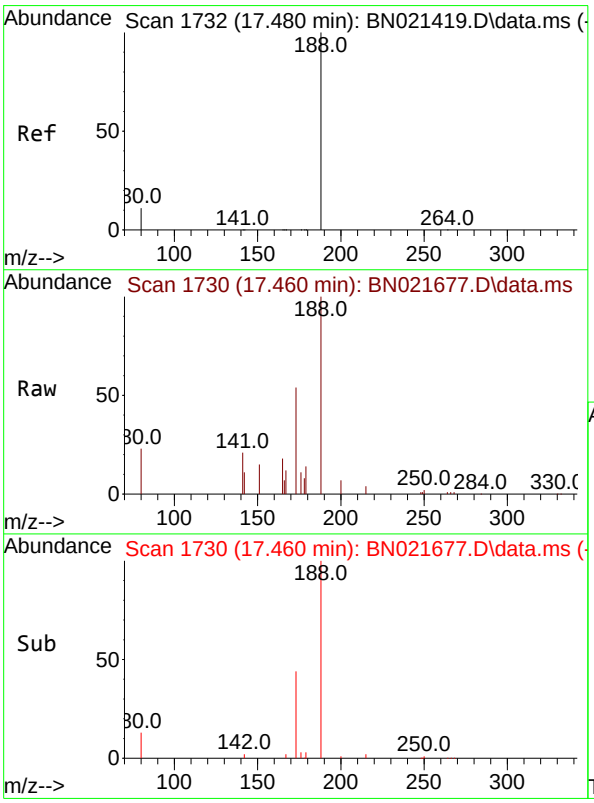
#18
Fluorene
Concen: 0.098 ng
RT: 15.733 min Scan# 1
Delta R.T. -0.032 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:166 Resp: 4550

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.7	118.1#
167	28.1	10.6	16.0#

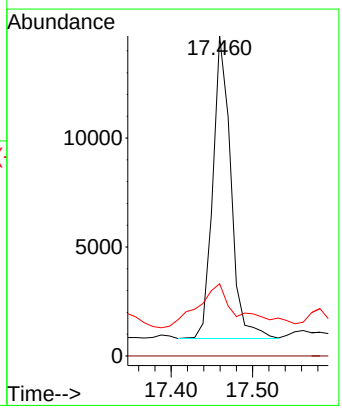


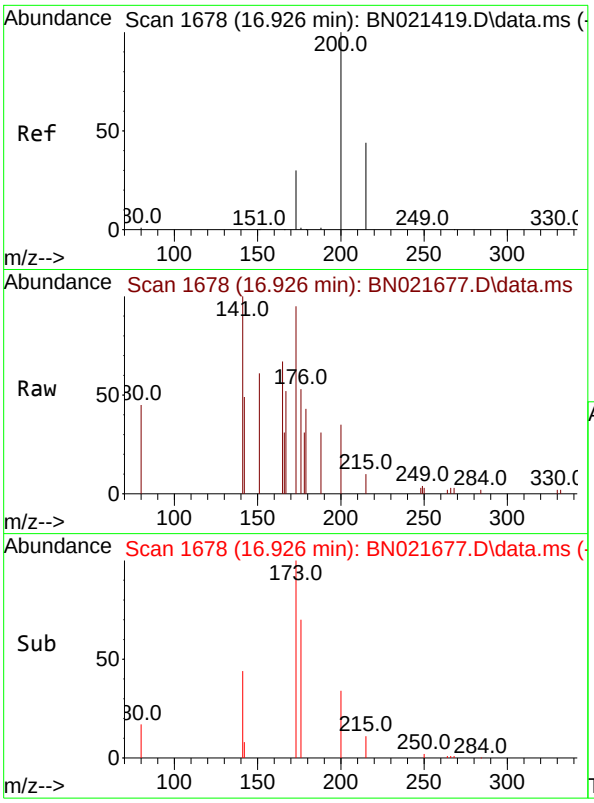


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion:188 Resp: 21229

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	22.5	9.5	14.3#



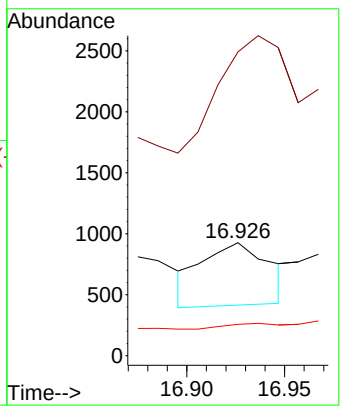


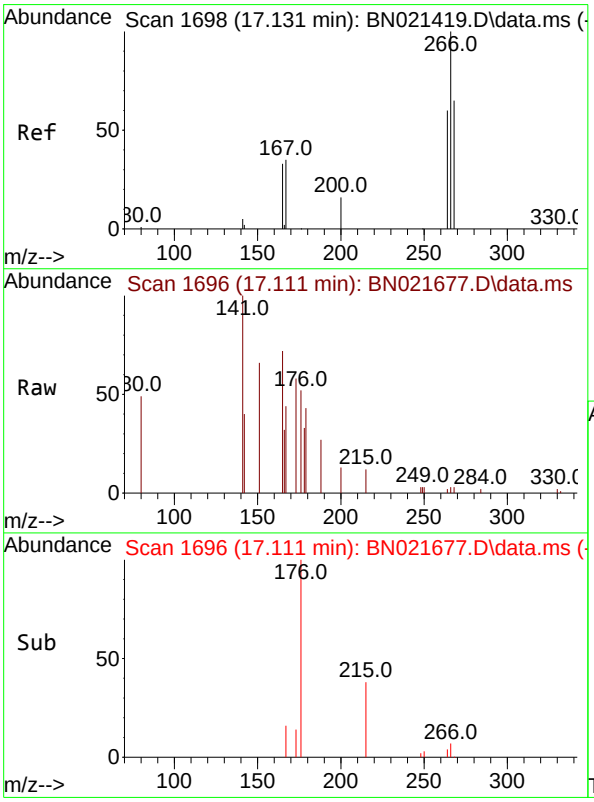
#23
Atrazine
Concen: 0.160 ng
RT: 16.926 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:200 Resp: 1240

Ion	Ratio	Lower	Upper
200	100		
173	268.8	24.3	36.5#
215	27.7	38.4	57.6#

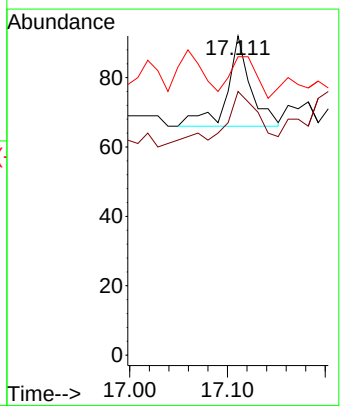


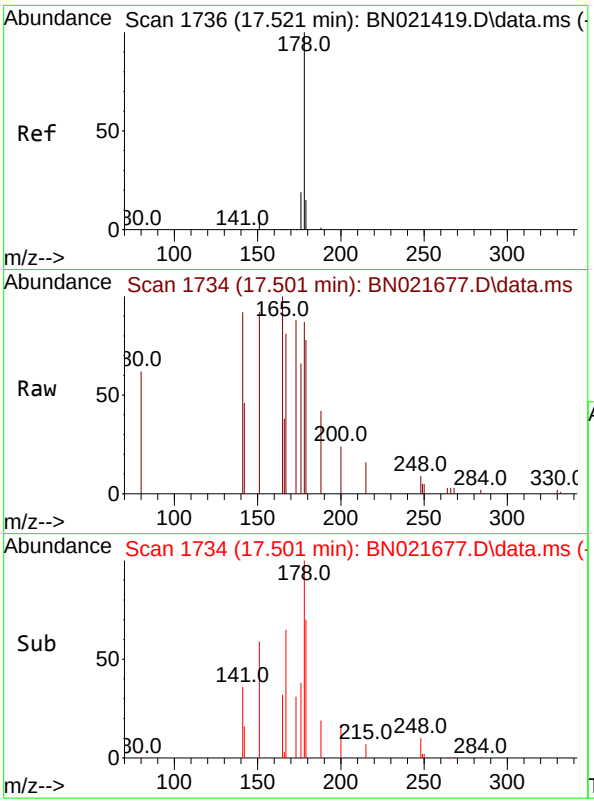


#24
Pentachlorophenol
Concen: 0.211 ng
RT: 17.111 min Scan# 1696
Delta R.T. -0.010 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion:266 Resp: 44

Ion	Ratio	Lower	Upper
266	100		
264	79.5	49.0	73.6#
268	50.0	50.9	76.3#



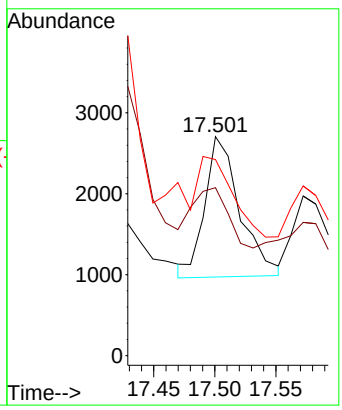


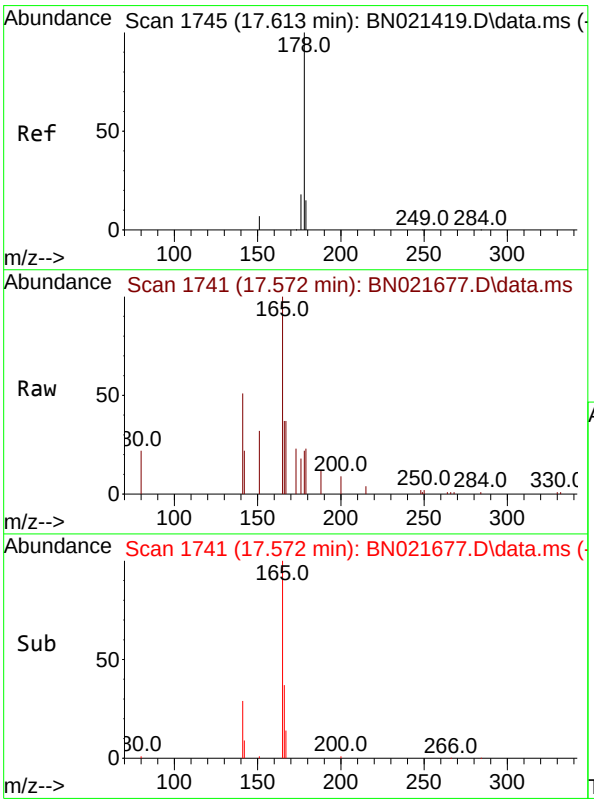
#25
Phenanthrene
Concen: 0.047 ng
RT: 17.501 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:178 Resp: 3460

Ion	Ratio	Lower	Upper
178	100		
176	60.3	15.4	23.2#
179	54.9	12.2	18.4#

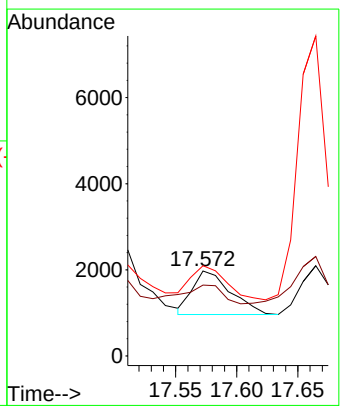


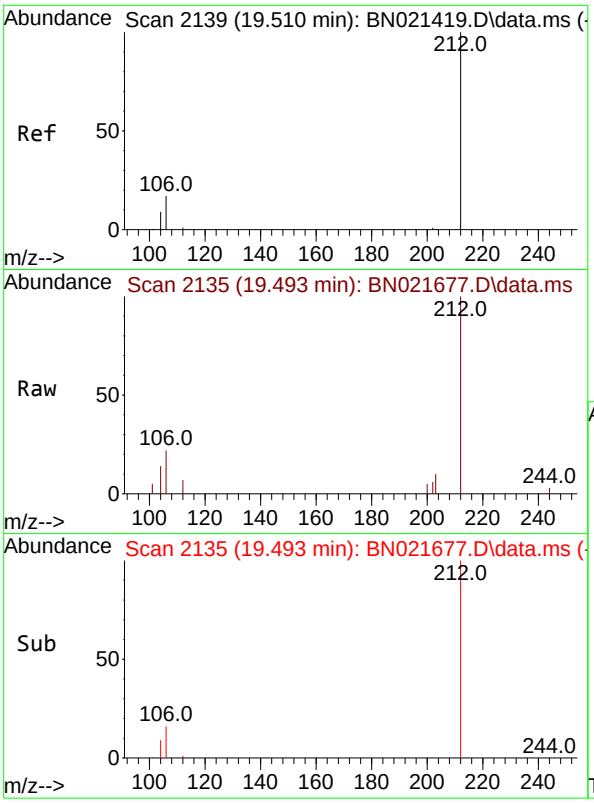


#26
Anthracene
Concen: 0.038 ng
RT: 17.572 min Scan# 1741
Delta R.T. -0.031 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion:178 Resp: 2187

Ion	Ratio	Lower	Upper
178	100		
176	45.9	14.6	22.0#
179	75.2	12.2	18.2#



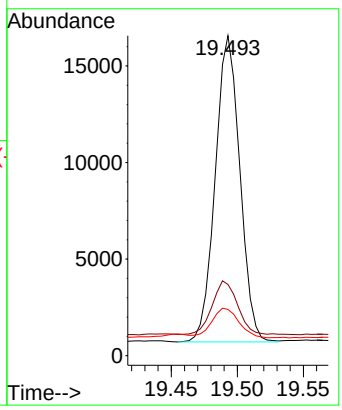


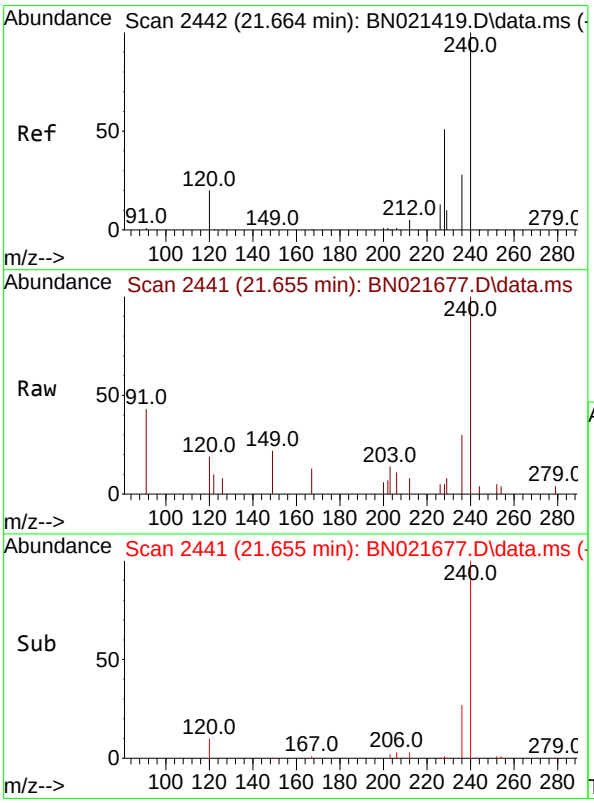
#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.493 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:212 Resp: 20569

Ion	Ratio	Lower	Upper
212	100		
106	18.4	14.2	21.2
104	10.5	7.8	11.6

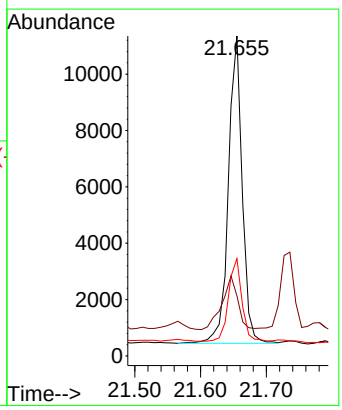


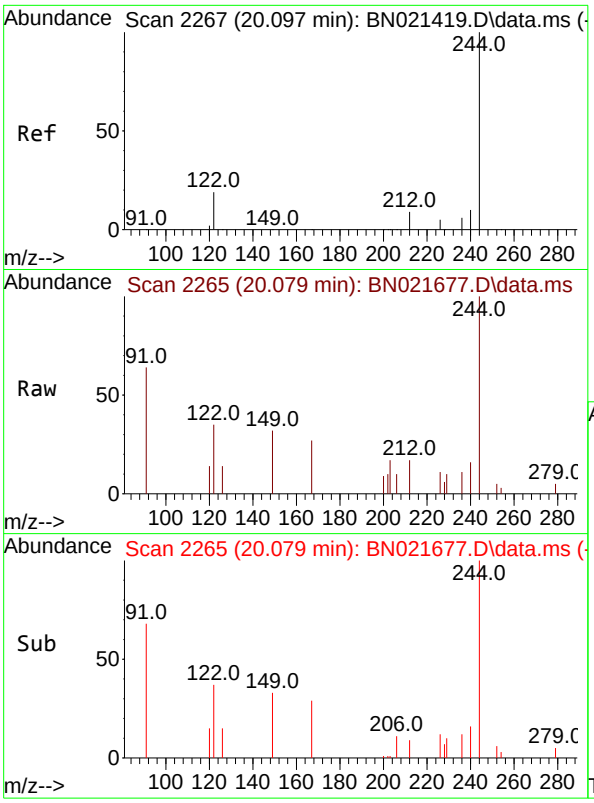


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion:240 Resp: 15841

Ion	Ratio	Lower	Upper
240	100		
120	18.8	10.2	15.4#
236	30.4	22.1	33.1



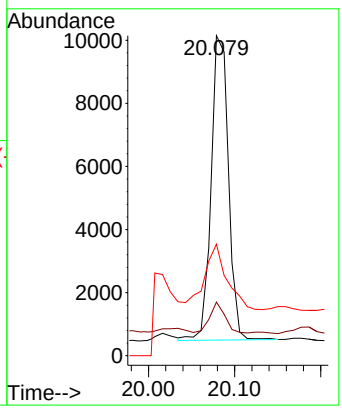


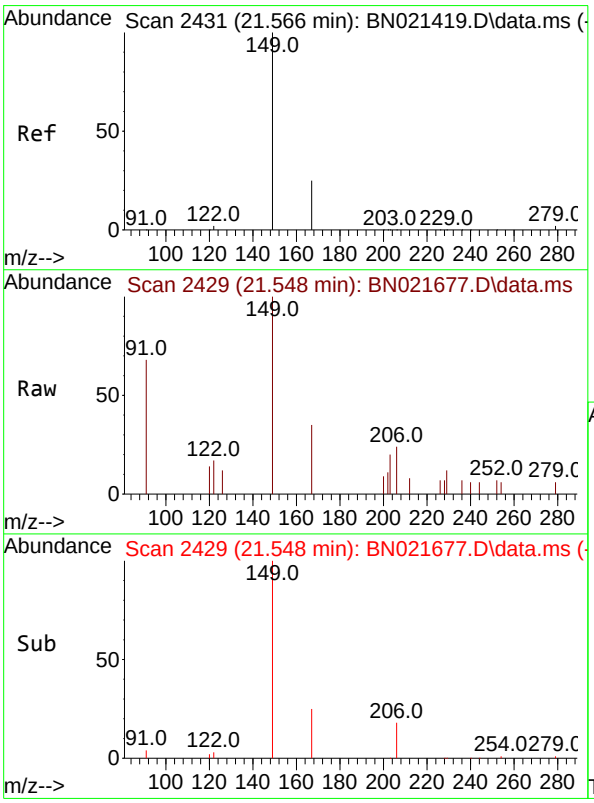
#31
Terphenyl-d14
Concen: 0.378 ng
RT: 20.079 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:244 Resp: 13464

Ion	Ratio	Lower	Upper
244	100		
212	16.8	6.5	9.7#
122	34.9	9.1	13.7#

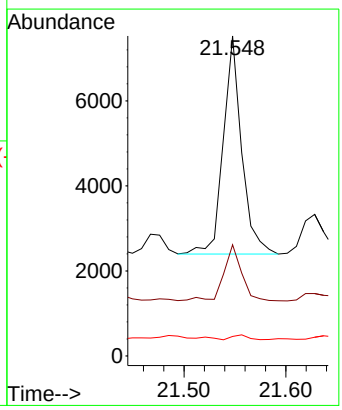


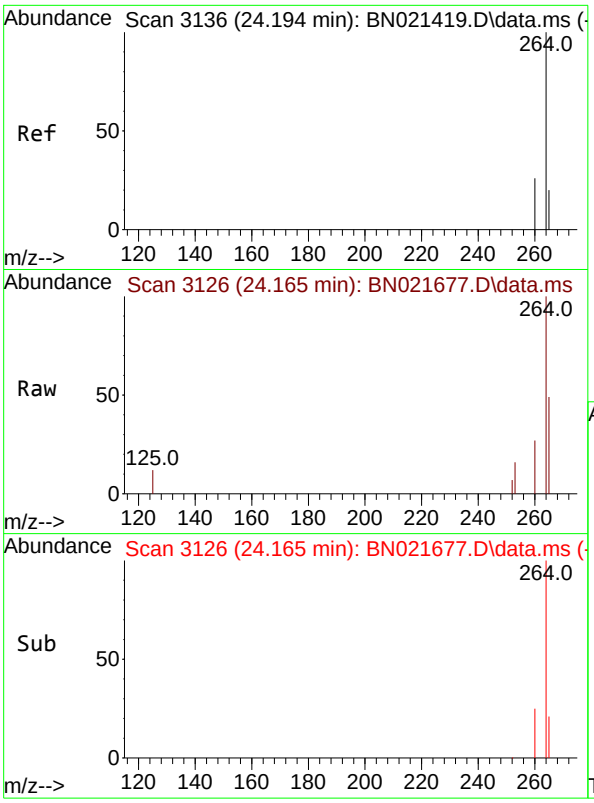


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.290 ng
RT: 21.548 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Tgt Ion:149 Resp: 6449

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.4	32.0
279	1.9	2.2	3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.165 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN021677.D
Acq: 10 Sep 2022 01:10

Instrument :
BNA_N
ClientSampleId :
MW1

Tgt Ion:264 Resp: 10078

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.0	31.6
265	49.2	32.2	48.2#