Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023719.D
Acq On : 19 Jan 2023 15:31
Operator : CG/JU
Sample : 01221-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Quant Time: Jan 20 04:16:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 04:14:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	4946	0.400	ng	# 0.01
7) Naphthalene-d8	10.829	136	15992	0.400	ng	# 0.01
13) Acenaphthene-d10	14.666	164	14883	0.400	ng	# 0.02
19) Phenanthrene-d10	17.414	188	17921	0.400	ng	# 0.01
29) Chrysene-d12	21.611	240	13815	0.400	ng	0.02
35) Perylene-d12	24.098	264	11320	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.543	112	2428	0.233	ng	0.02
5) Phenol-d6	7.168	99	1780	0.144	ng	0.02
8) Nitrobenzene-d5	9.174	82	3446	0.272	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	4498	0.203	ng	0.02
14) 2,4,6-Tribromophenol	16.161	330	1470	0.232	ng	0.01
15) 2-Fluorobiphenyl	13.298	172	8249	0.130	ng	0.02
27) Fluoranthene-d10	19.448	212	11873	0.282	ng	0.01
31) Terphenyl-d14	20.044	244	8224	0.377	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	2849	0.543	ng	# 17
3) n-Nitrosodimethylamine	3.687	42	3097	0.505	ng	# 1
6) bis(2-Chloroethyl)ether	7.385	93	4038	0.317	ng	# 1
9) Naphthalene	10.882	128	386161	9.332	ng	99
12) 2-Methylnaphthalene	12.495	142	39406	1.354	ng	99
16) Acenaphthylene	14.388	152	1328	0.022	ng	# 44
17) Acenaphthene	14.730	154	5751	0.136	ng	91
18) Fluorene	15.714	166	4494	0.075	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.764	198	76	0.030	ng	# 1
23) Atrazine	16.881	200	161	0.022	ng	# 1
24) Pentachlorophenol	17.067	266	141	0.187	ng	97
25) Phenanthrene	17.452	178	4294	0.082	ng	# 82
26) Anthracene	17.551	178	2887	0.068	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.513	149	21849	1.115	ng	96

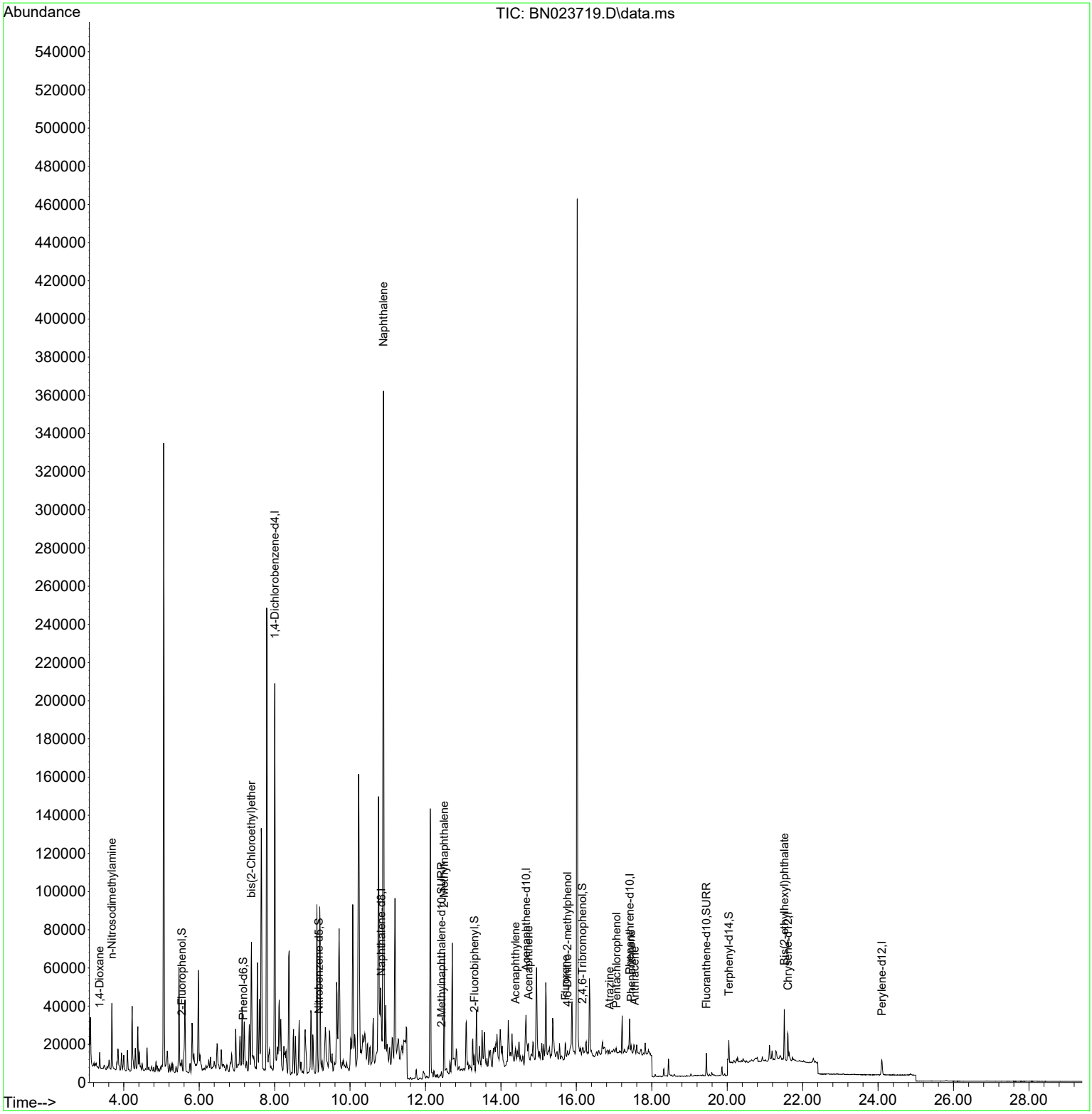
(#) = qualifier out of range (m) = manual integration (+) = signals summed

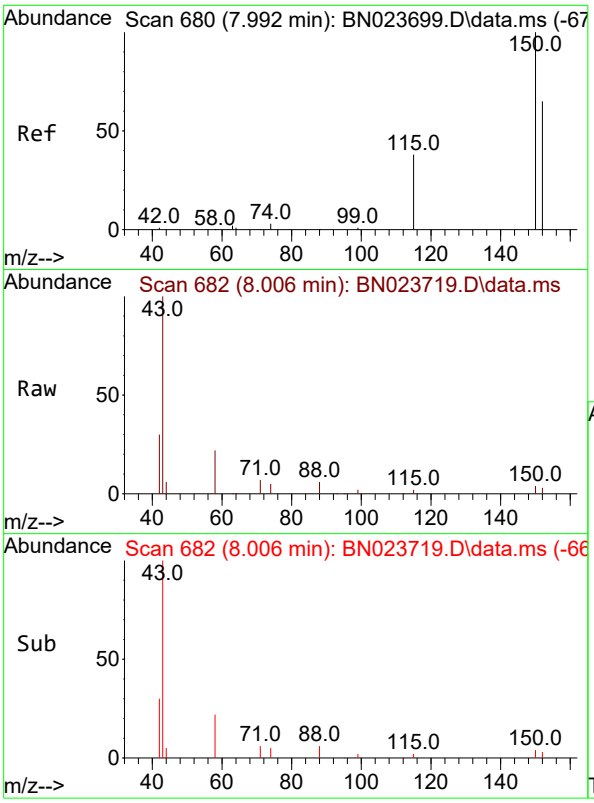
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023719.D
Acq On : 19 Jan 2023 15:31
Operator : CG/JU
Sample : 01221-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Quant Time: Jan 20 04:16:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 04:14:02 2023
Response via : Initial Calibration



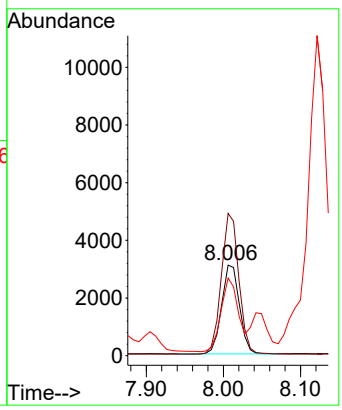


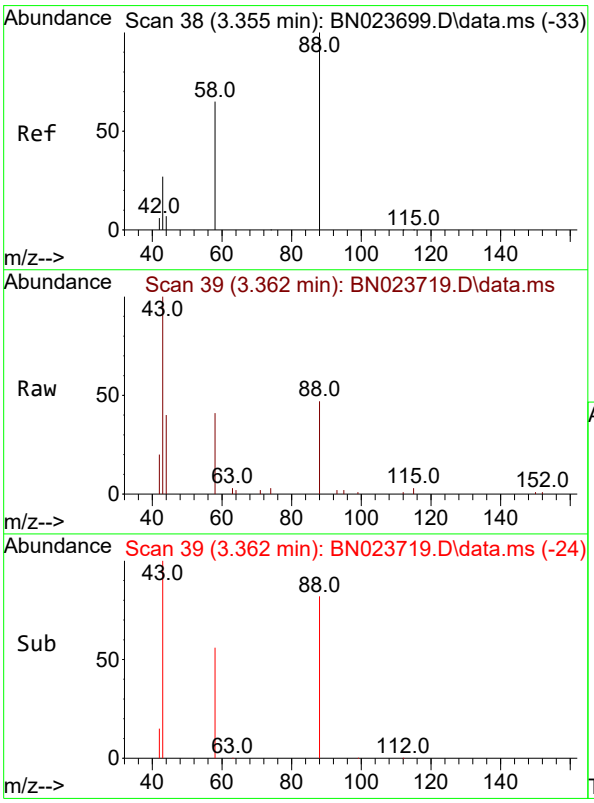
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.006 min Scan# 6
Delta R.T. 0.014 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:152 Resp: 4946

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.4	183.6
115	85.7	48.2	72.4#

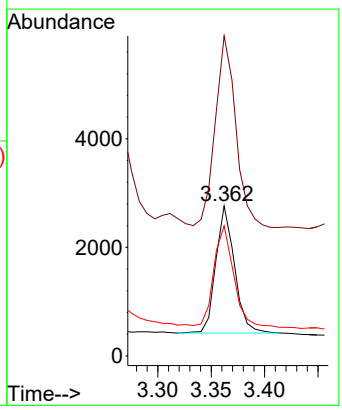


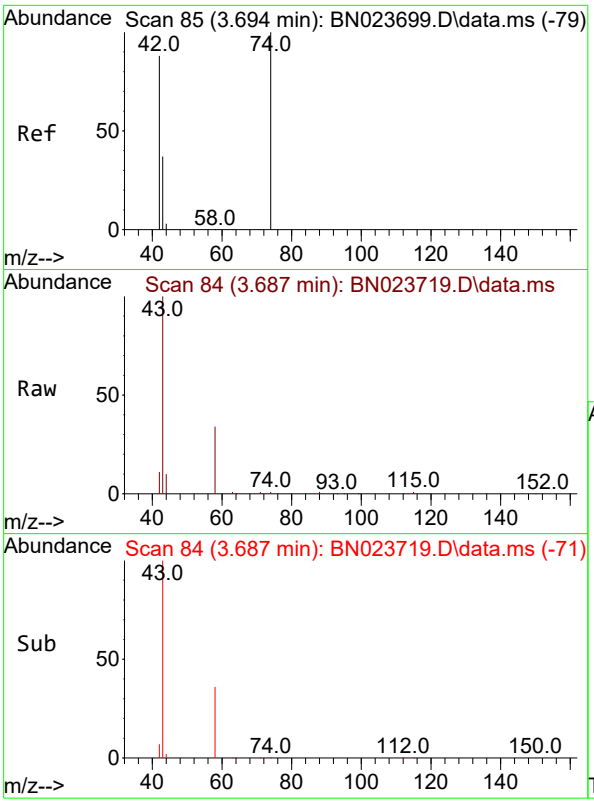


#2
1,4-Dioxane
Concen: 0.543 ng
RT: 3.362 min Scan# 39
Delta R.T. 0.007 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion: 88 Resp: 2849

Ion	Ratio	Lower	Upper
88	100		
43	166.8	26.8	40.2#
58	84.2	58.5	87.7



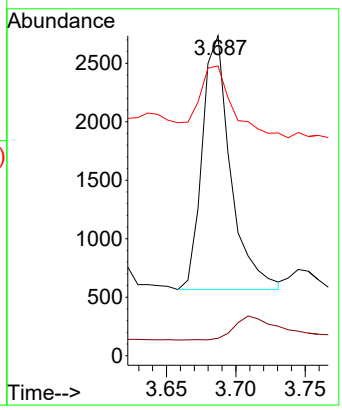


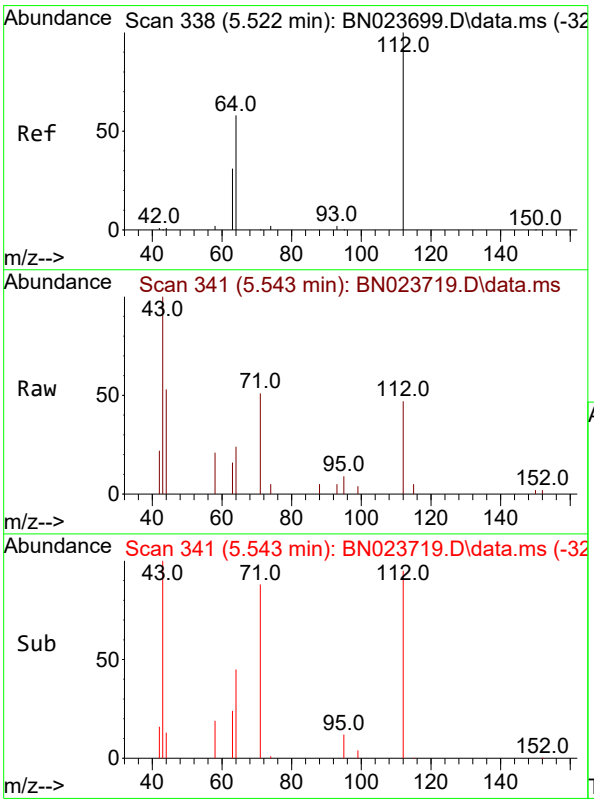
#3
n-Nitrosodimethylamine
Concen: 0.505 ng
RT: 3.687 min Scan# 84
Delta R.T. -0.007 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion: 42 Resp: 3097

Ion	Ratio	Lower	Upper
42	100		
74	0.0	87.4	131.2#
44	34.1	9.4	14.2#

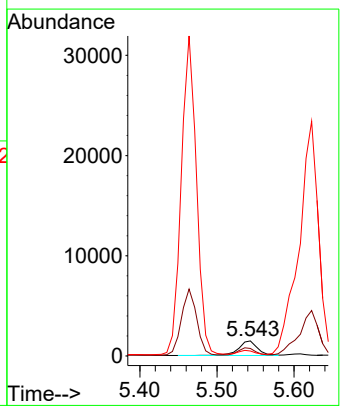


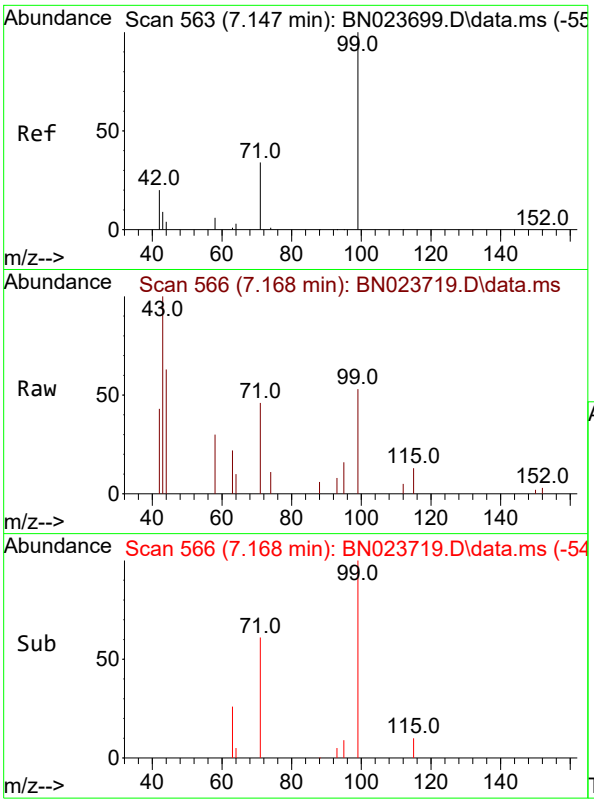


#4
2-Fluorophenol
Concen: 0.233 ng
RT: 5.543 min Scan# 341
Delta R.T. 0.021 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:112 Resp: 2428

Ion	Ratio	Lower	Upper
112	100		
64	43.0	45.8	68.8#
63	0.0	25.3	37.9#



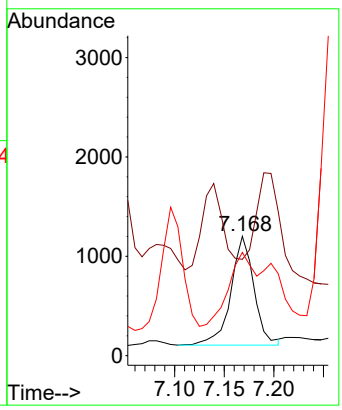


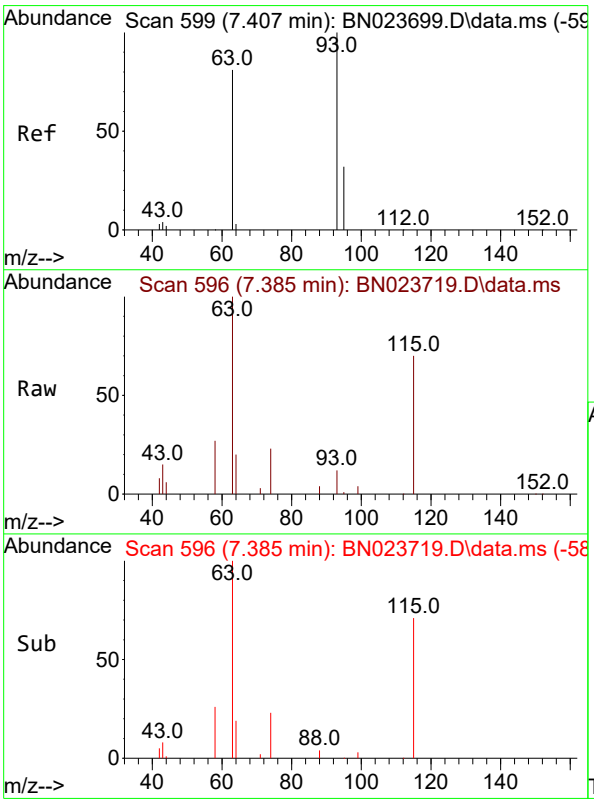
#5
Phenol-d6
Concen: 0.144 ng
RT: 7.168 min Scan# 5
Delta R.T. 0.021 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion: 99 Resp: 1780

Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.4	29.0#
71	76.9	28.7	43.1#

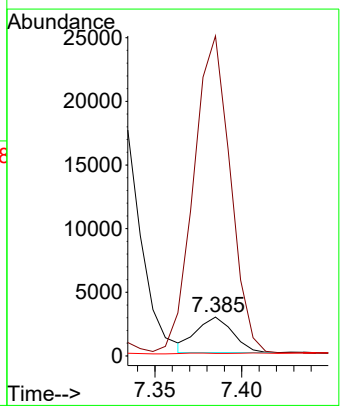


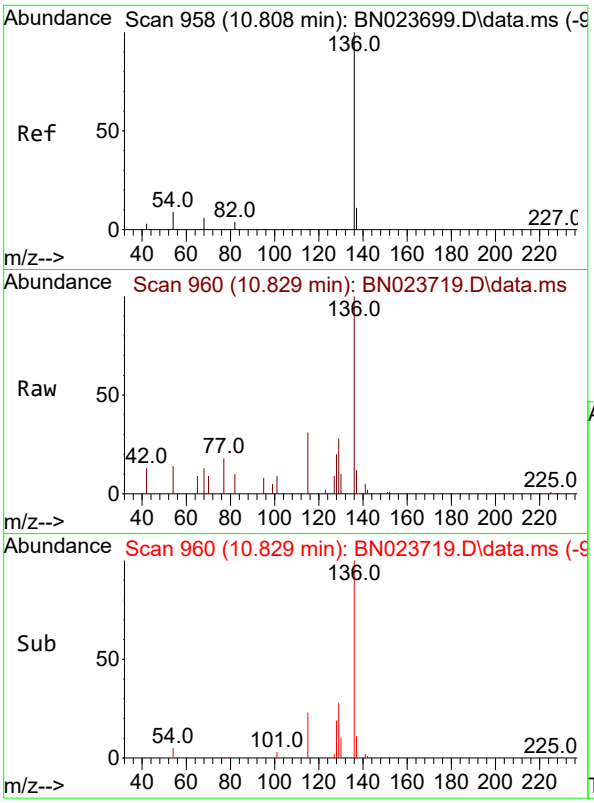


#6
bis(2-Chloroethyl)ether
Concen: 0.317 ng
RT: 7.385 min Scan# 596
Delta R.T. -0.029 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion: 93 Resp: 4038

Ion	Ratio	Lower	Upper
93	100		
63	916.7	61.8	92.6#
95	2.1	25.9	38.9#



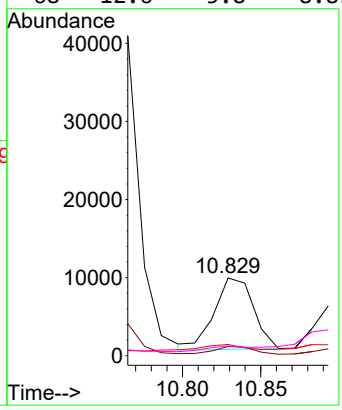


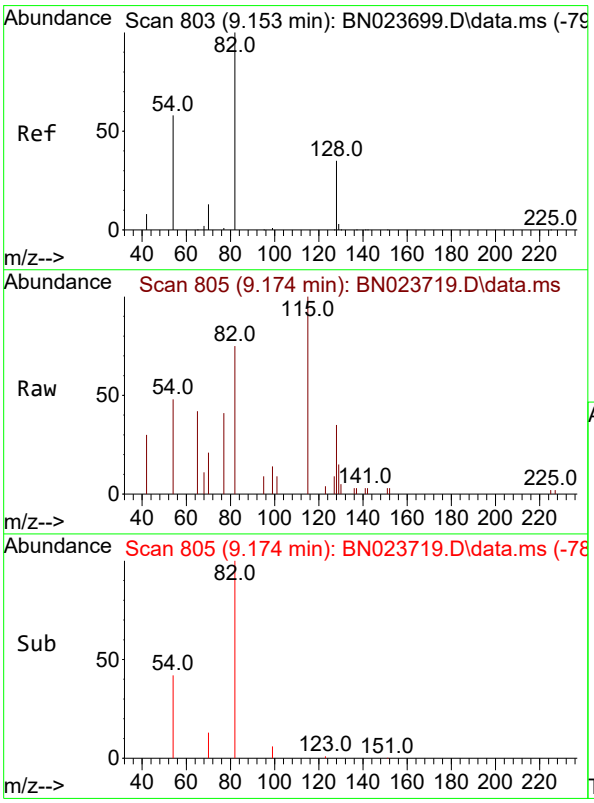
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.829 min Scan# 9
Delta R.T. 0.010 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:136 Resp: 15992

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	14.4	7.5	11.3#
68	12.6	5.8	8.8#

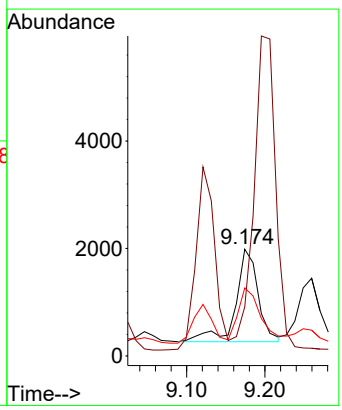


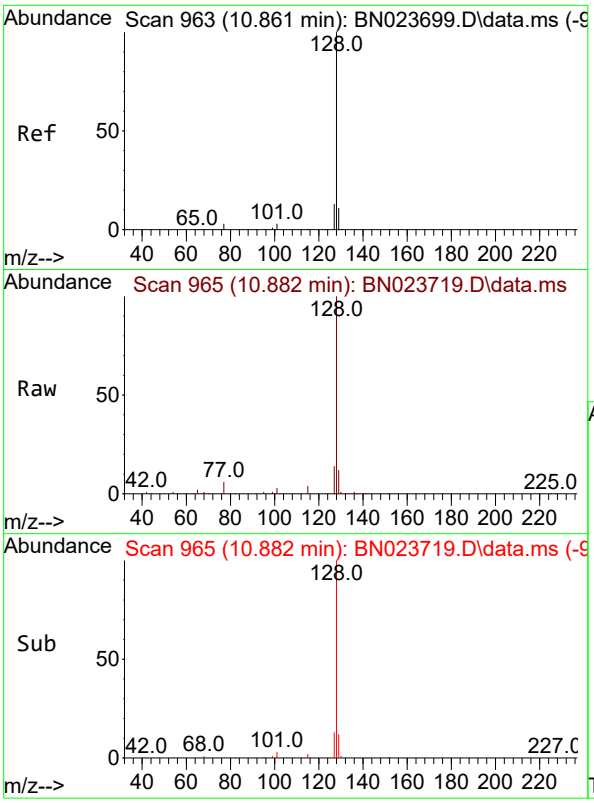


#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 9.174 min Scan# 805
Delta R.T. 0.010 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion: 82 Resp: 3446

Ion	Ratio	Lower	Upper
82	100		
128	46.0	30.2	45.2#
54	63.7	47.3	70.9



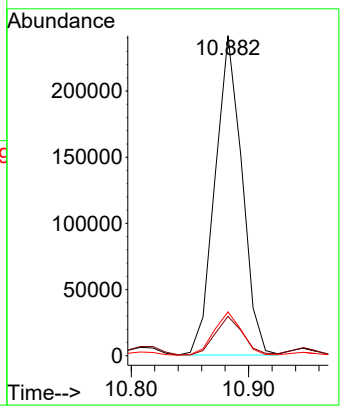


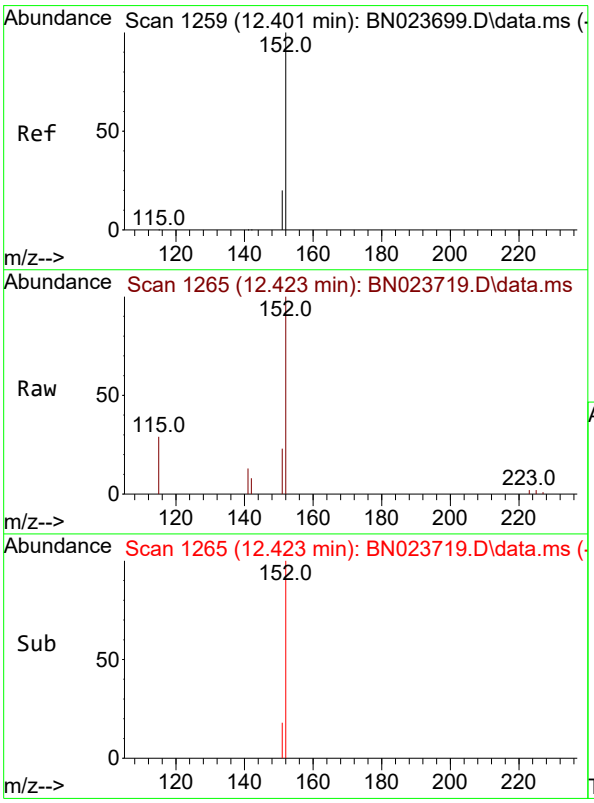
#9
Naphthalene
Concen: 9.332 ng
RT: 10.882 min Scan# 9
Delta R.T. 0.021 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:128 Resp: 386161

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.2	13.8
127	13.7	10.9	16.3

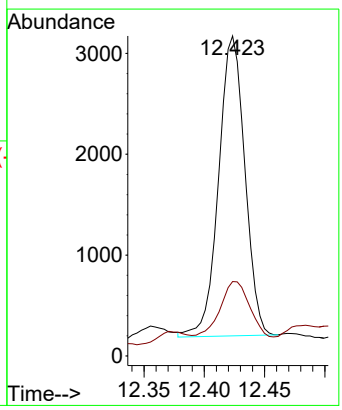


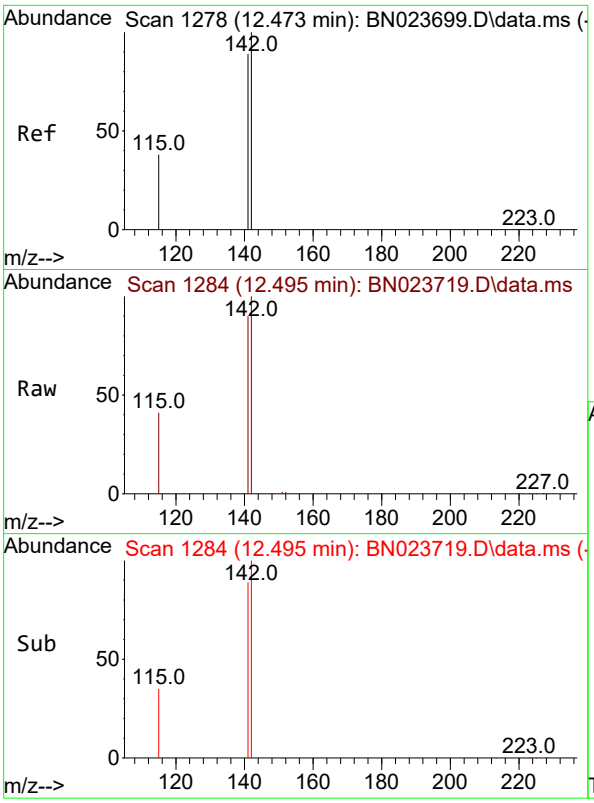


#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 12.423 min Scan# 1265
Delta R.T. 0.019 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:152 Resp: 4498

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.1	25.7



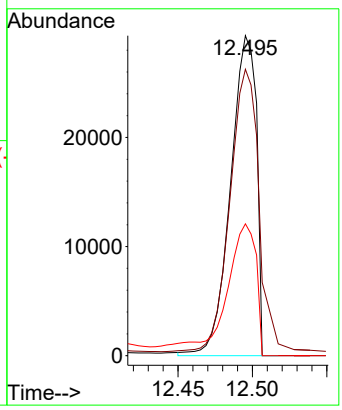


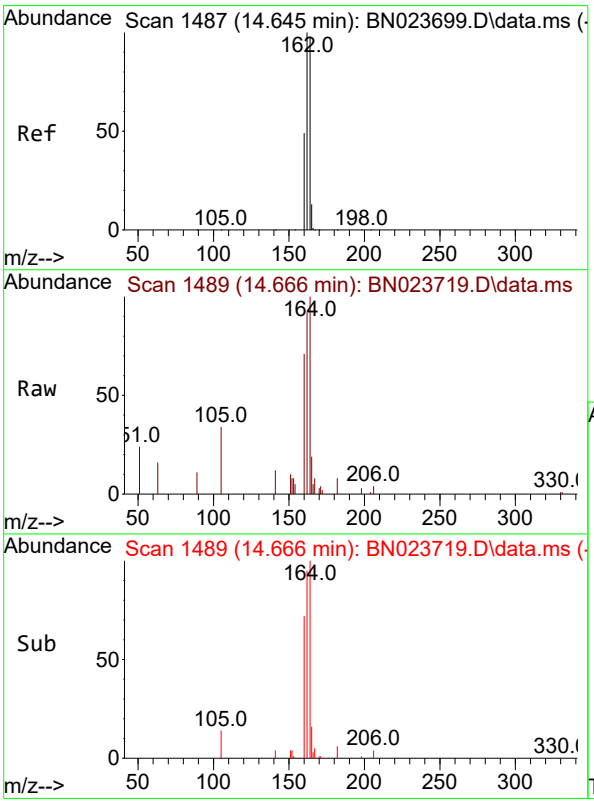
#12
2-Methylnaphthalene
Concen: 1.354 ng
RT: 12.495 min Scan# 1
Delta R.T. 0.015 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:142 Resp: 39406

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0
115	41.2	31.2	46.8

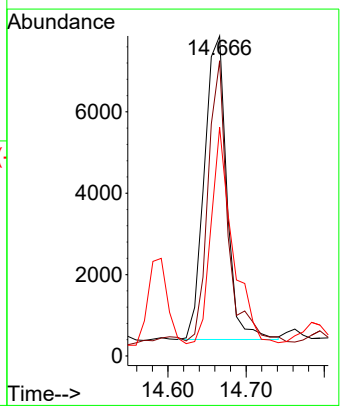


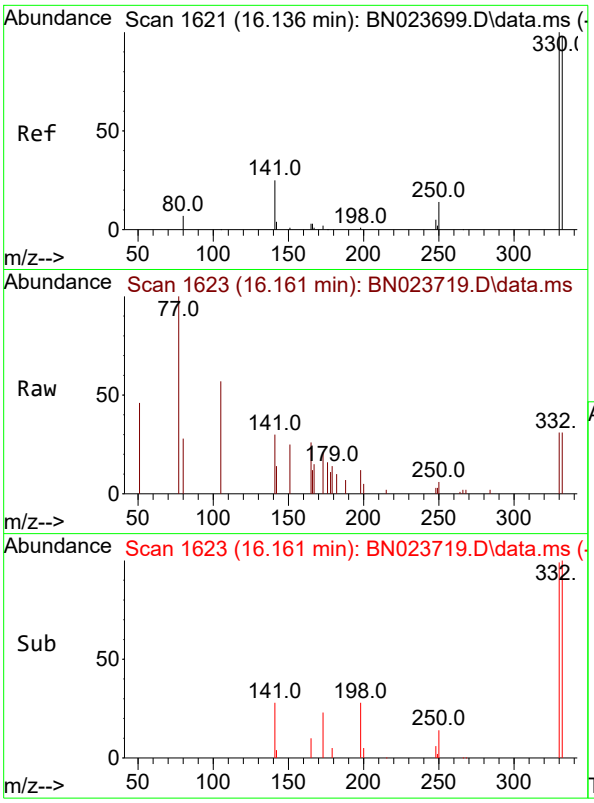


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.666 min Scan# 1489
Delta R.T. 0.021 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:164 Resp: 14883

Ion	Ratio	Lower	Upper
164	100		
162	92.3	81.8	122.6
160	71.4	40.3	60.5#



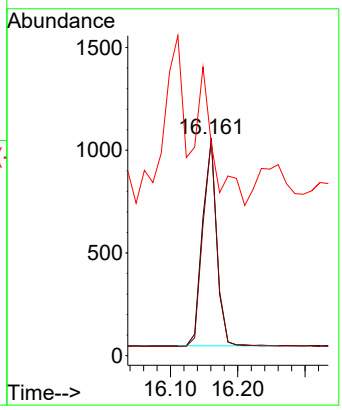


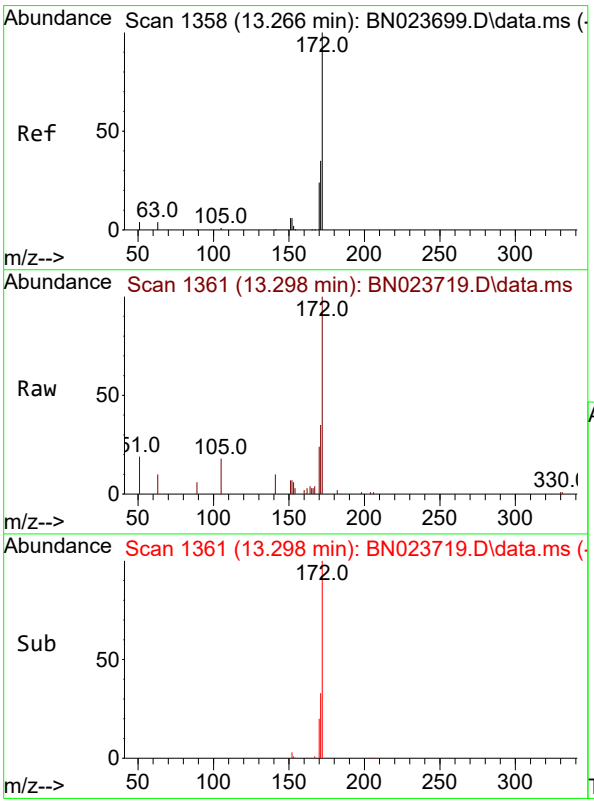
#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 16.161 min Scan# 1(
Delta R.T. 0.012 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:330 Resp: 1470

Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.6	116.4
141	66.4	35.0	52.4#

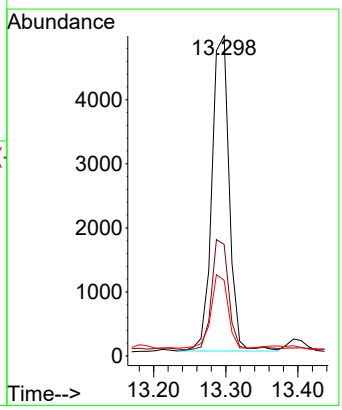


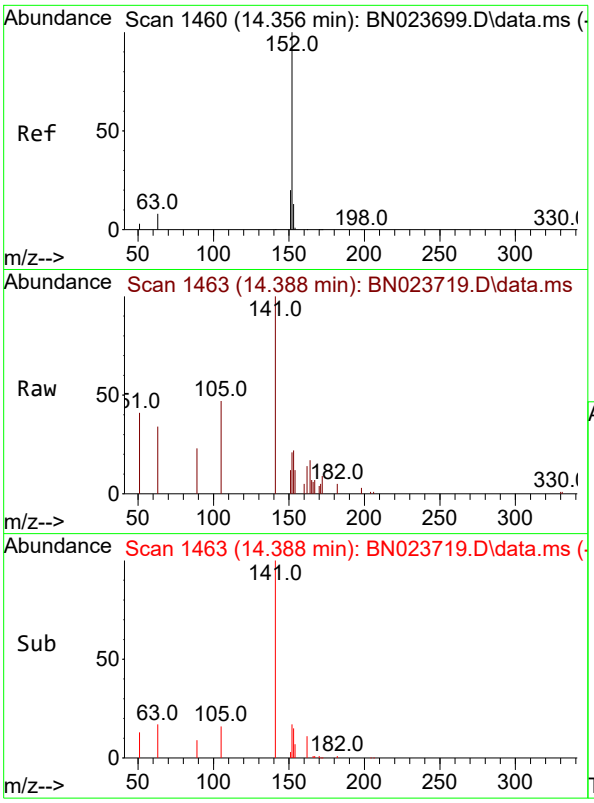


#15
2-Fluorobiphenyl
Concen: 0.130 ng
RT: 13.298 min Scan# 1361
Delta R.T. 0.021 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:172 Resp: 8249

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.7	20.0	30.0



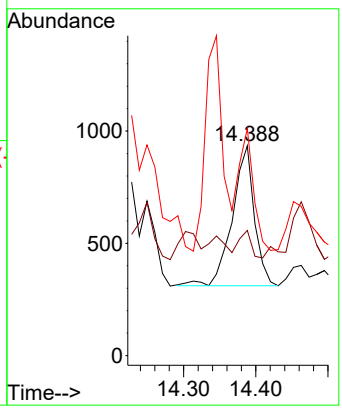


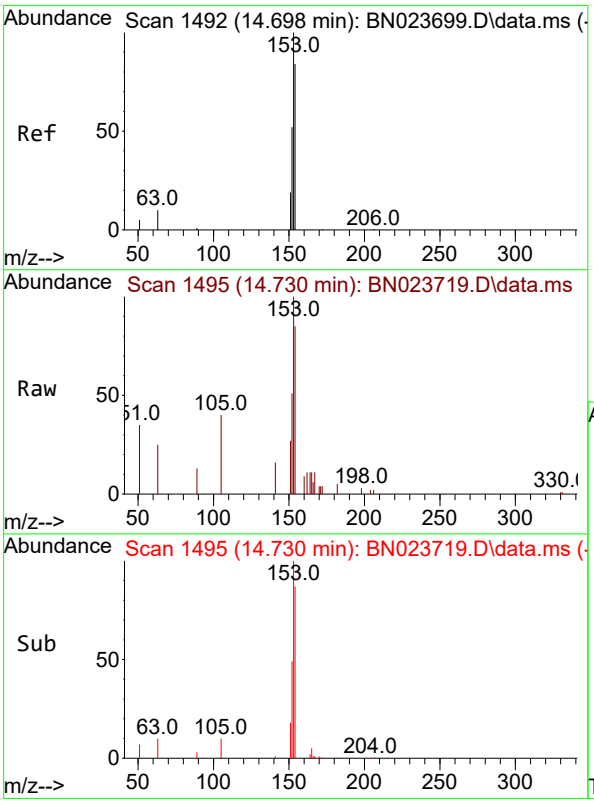
#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.388 min Scan# 14
Delta R.T. 0.021 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:152 Resp: 1328

Ion	Ratio	Lower	Upper
152	100		
151	10.4	15.7	23.5#
153	56.9	10.4	15.6#

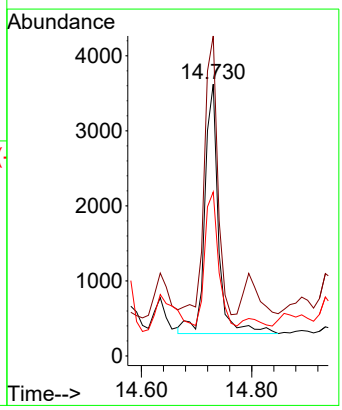


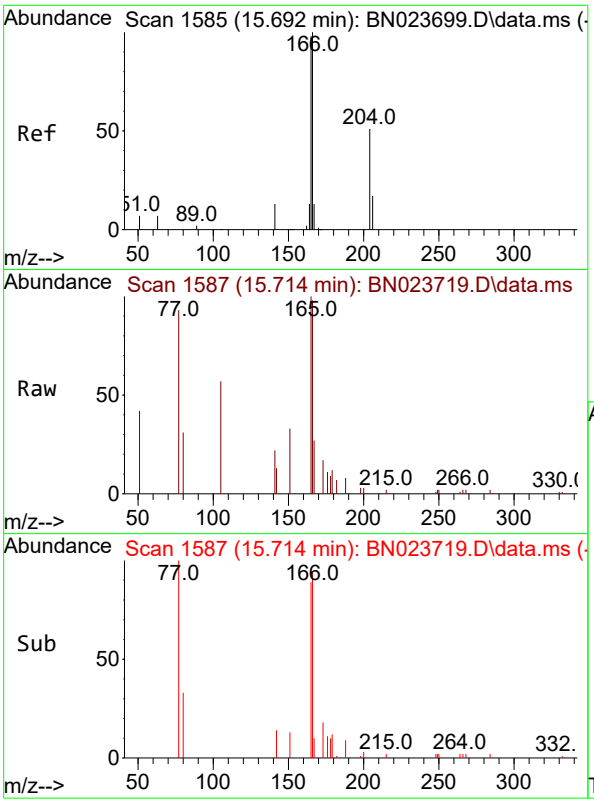


#17
Acenaphthene
Concen: 0.136 ng
RT: 14.730 min Scan# 1495
Delta R.T. 0.021 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:154 Resp: 5751

Ion	Ratio	Lower	Upper
154	100		
153	107.5	93.3	139.9
152	52.6	48.1	72.1



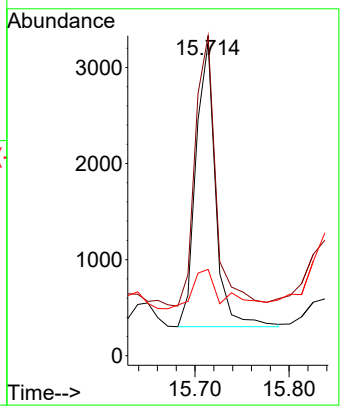


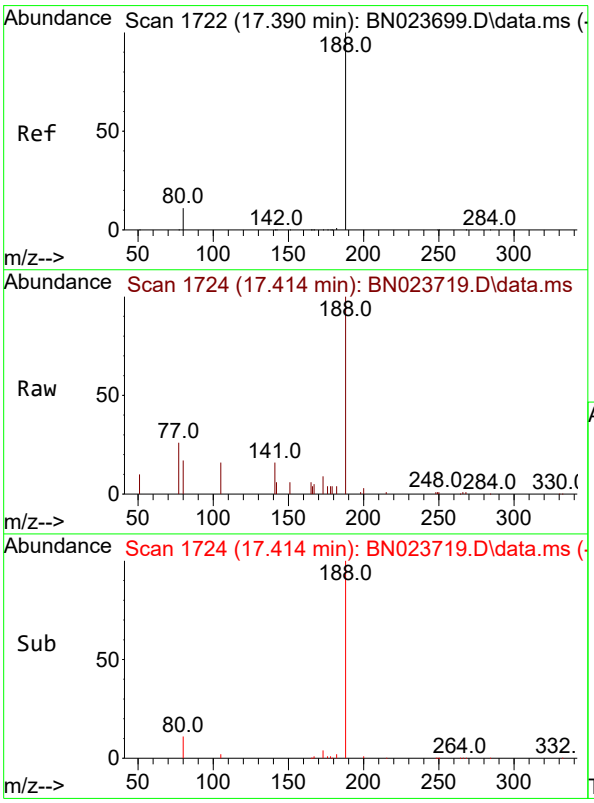
#18
Fluorene
Concen: 0.075 ng
RT: 15.714 min Scan# 1
Delta R.T. 0.021 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:166 Resp: 4494

Ion	Ratio	Lower	Upper
166	100		
165	95.3	80.6	121.0
167	21.2	10.8	16.2#

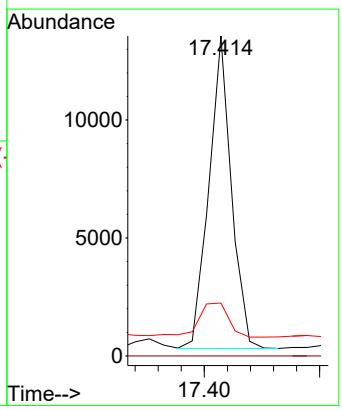


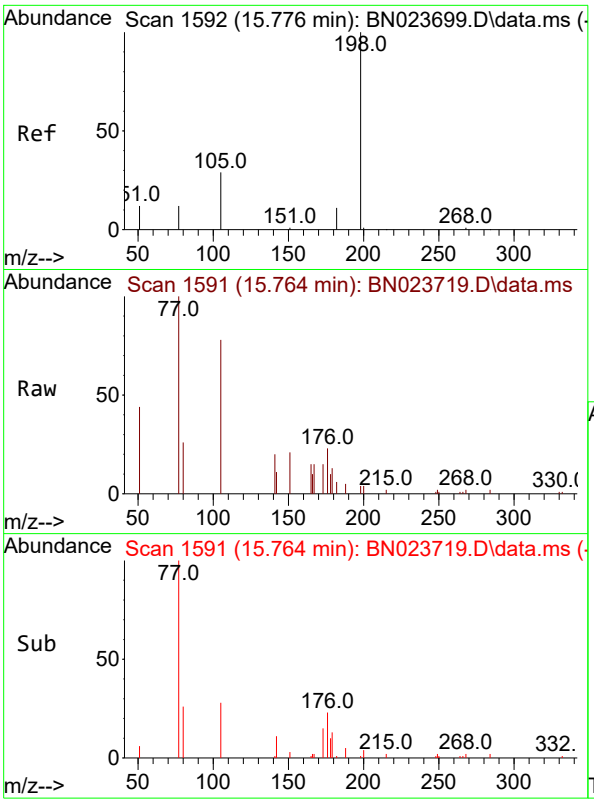


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.414 min Scan# 1724
Delta R.T. 0.012 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:188 Resp: 17921

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.6	9.5	14.3#



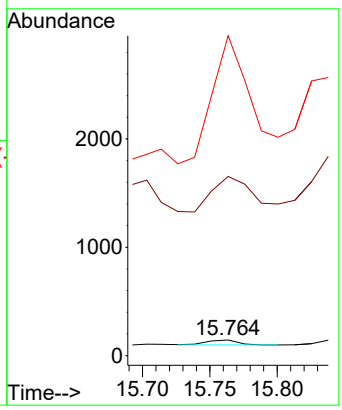


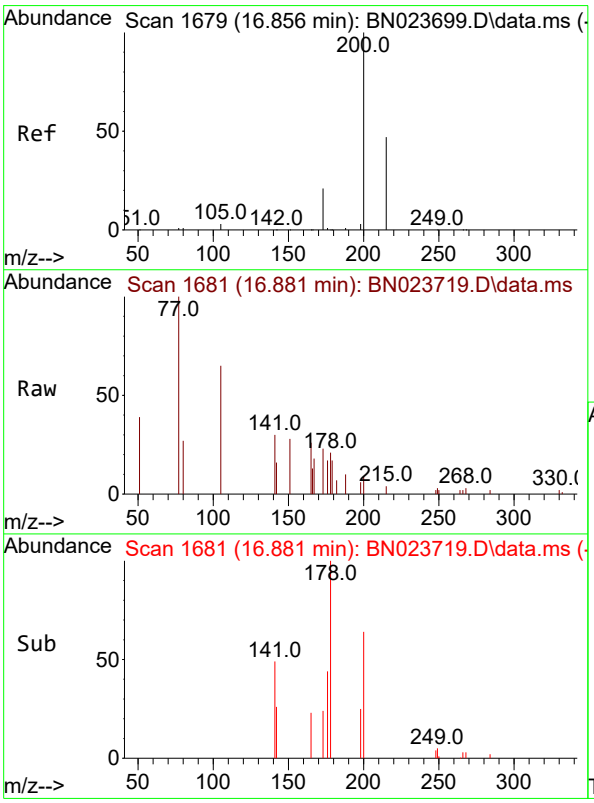
#20
4,6-Dinitro-2-methylphenol
Concen: 0.030 ng
RT: 15.764 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:198 Resp: 76

Ion	Ratio	Lower	Upper
198	100		
51	1148.6	54.3	81.5#
105	2050.7	38.6	58.0#

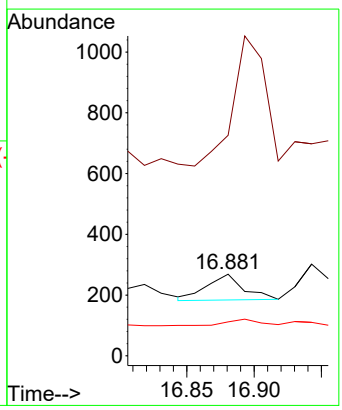


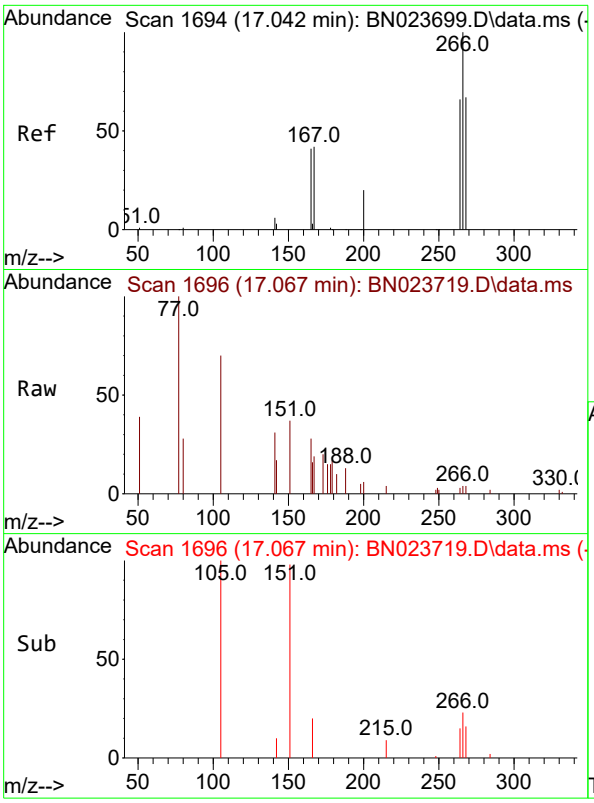


#23
Atrazine
Concen: 0.022 ng
RT: 16.881 min Scan# 1681
Delta R.T. 0.025 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:200 Resp: 161

Ion	Ratio	Lower	Upper
200	100		
173	269.9	19.0	28.4#
215	41.6	39.2	58.8



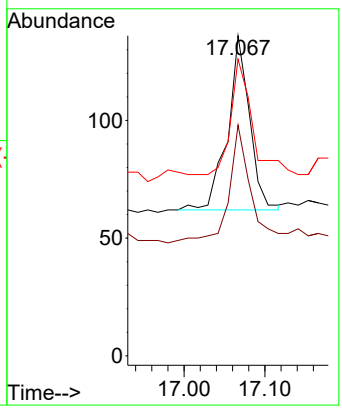


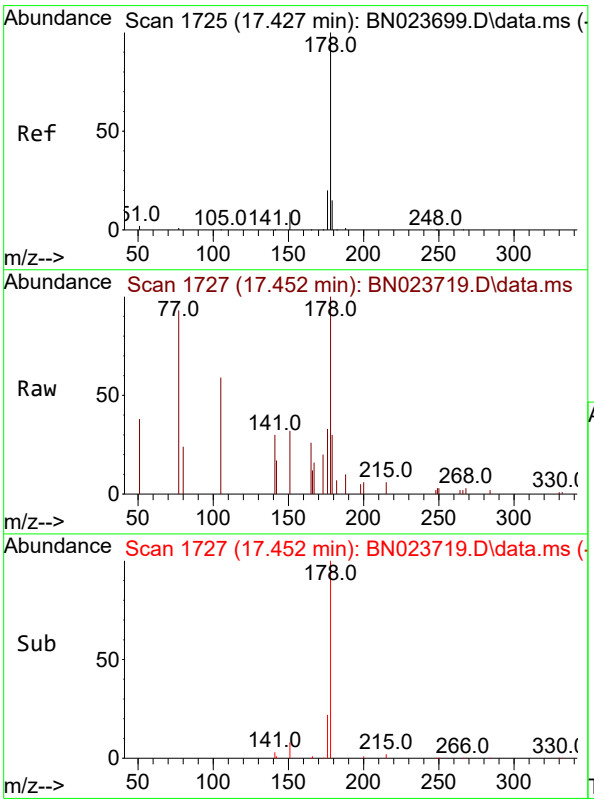
#24
Pentachlorophenol
Concen: 0.187 ng
RT: 17.067 min Scan# 1(
Delta R.T. 0.012 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:266 Resp: 141

Ion	Ratio	Lower	Upper
266	100		
264	61.7	51.4	77.2
268	63.1	52.3	78.5

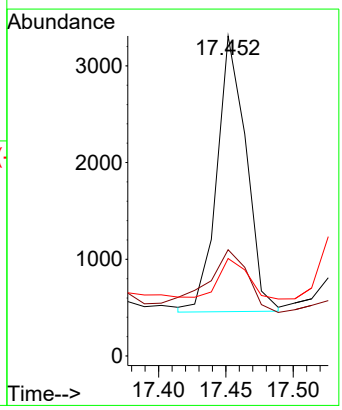


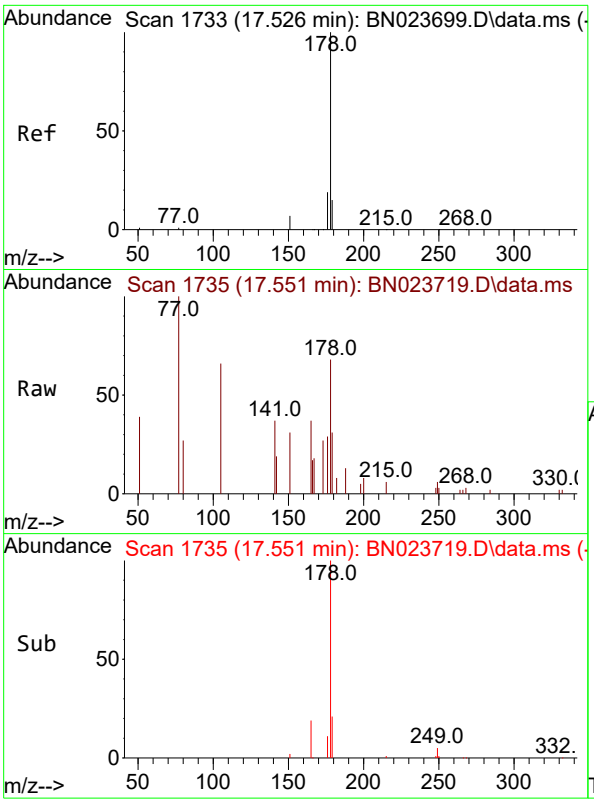


#25
Phenanthrene
Concen: 0.082 ng
RT: 17.452 min Scan# 1727
Delta R.T. 0.012 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:178 Resp: 4294

Ion	Ratio	Lower	Upper
178	100		
176	33.0	15.5	23.3#
179	16.4	12.2	18.4



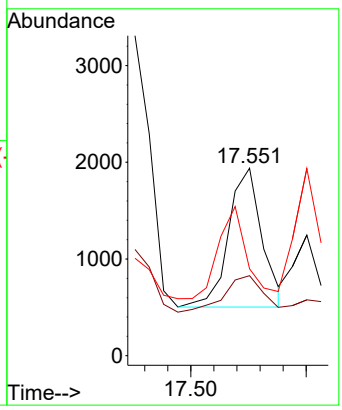


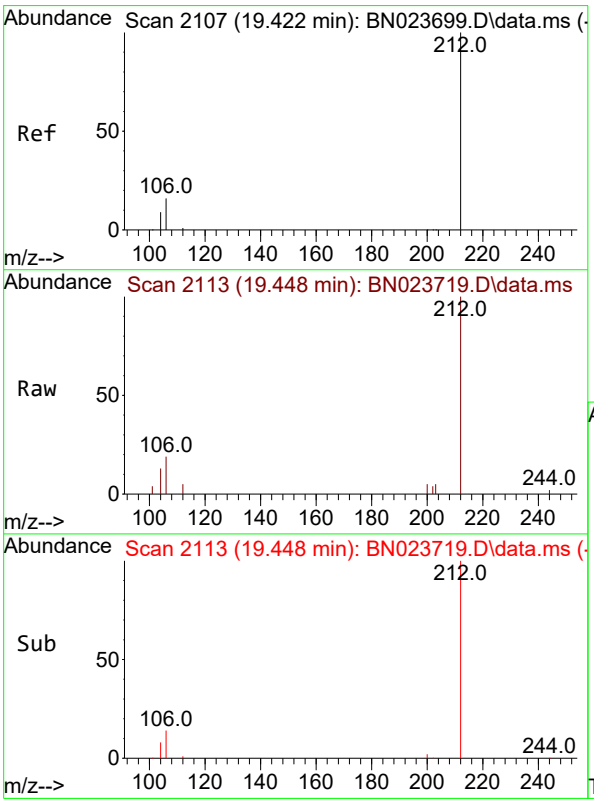
#26
Anthracene
Concen: 0.068 ng
RT: 17.551 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:178 Resp: 2887

Ion	Ratio	Lower	Upper
178	100		
176	32.0	15.2	22.8#
179	57.0	12.0	18.0#

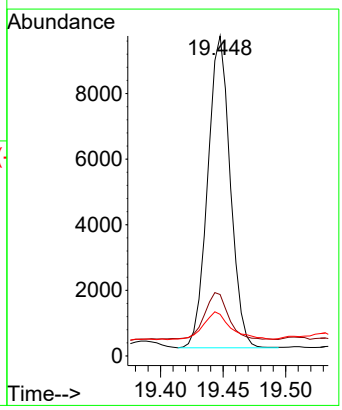


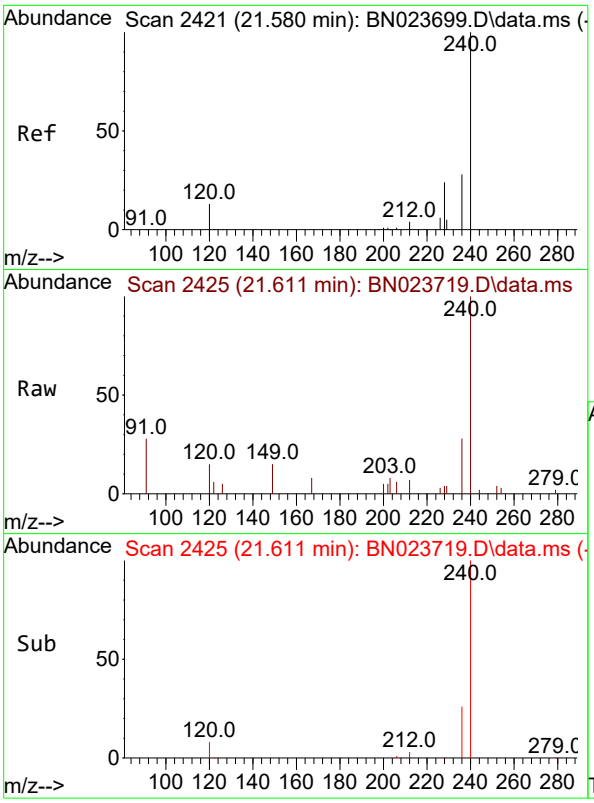


#27
Fluoranthene-d10
Concen: 0.282 ng
RT: 19.448 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:212 Resp: 11873

Ion	Ratio	Lower	Upper
212	100		
106	17.8	12.4	18.6
104	11.0	7.1	10.7#



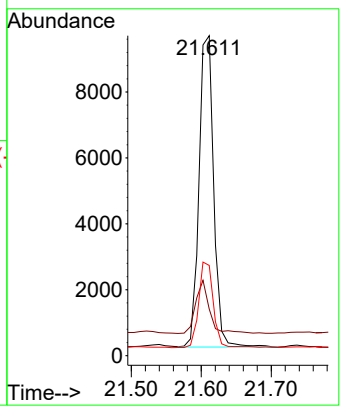


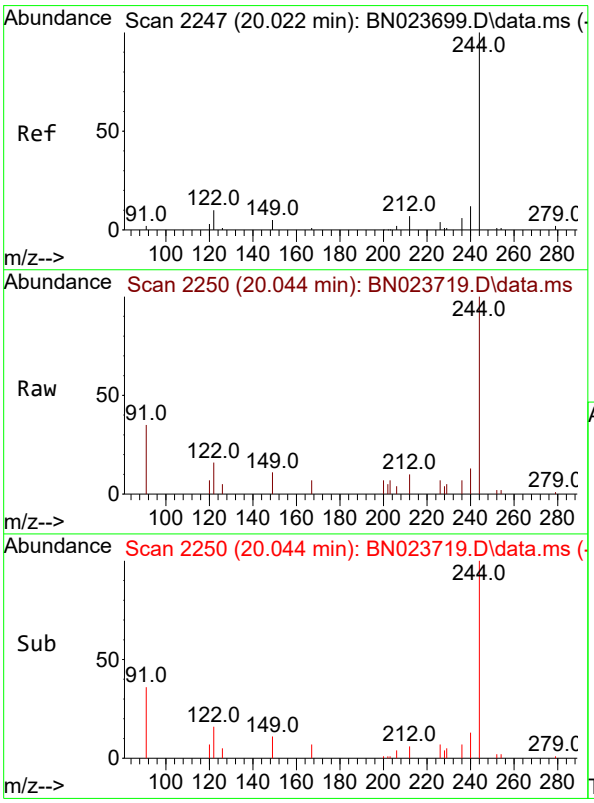
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.611 min Scan# 24
Delta R.T. 0.022 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:240 Resp: 13815

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.0	18.0
236	28.2	22.8	34.2

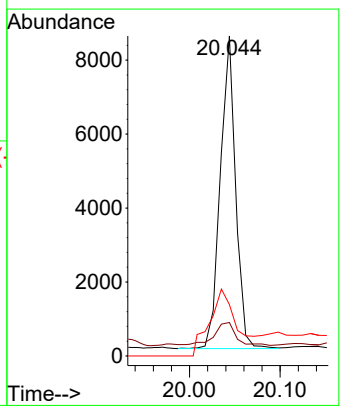


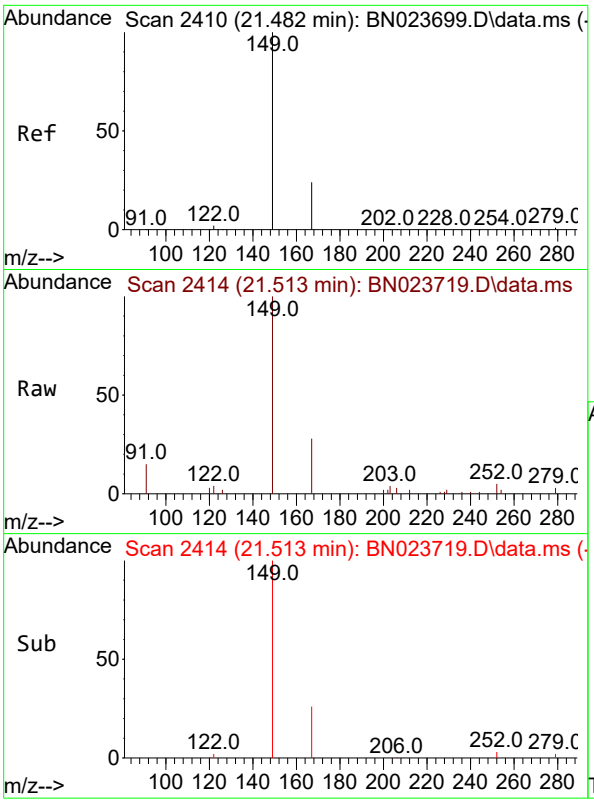


#31
Terphenyl-d14
Concen: 0.377 ng
RT: 20.044 min Scan# 2250
Delta R.T. 0.013 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:244 Resp: 8224

Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.5	9.7#
122	16.0	7.6	11.4#



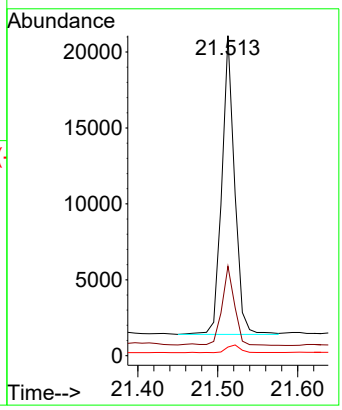


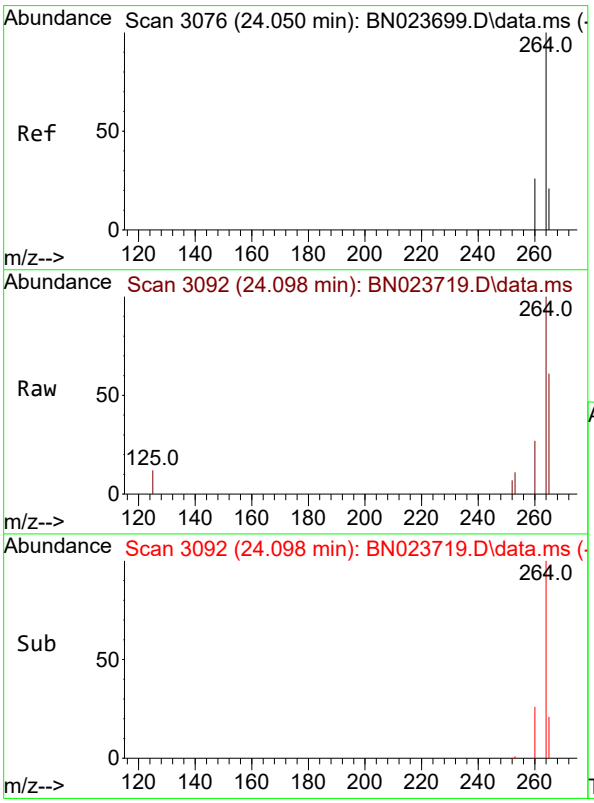
#34
Bis(2-ethylhexyl)phthalate
Concen: 1.115 ng
RT: 21.513 min Scan# 24
Delta R.T. 0.013 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Instrument :
BNA_N
ClientSampleId :
MW-12-0118

Tgt Ion:149 Resp: 21849

Ion	Ratio	Lower	Upper
149	100		
167	26.8	19.8	29.8
279	2.8	2.5	3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.098 min Scan# 3092
Delta R.T. 0.024 min
Lab File: BN023719.D
Acq: 19 Jan 2023 15:31

Tgt Ion:264 Resp: 11320

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.6
265	61.4	49.9	74.9