Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019101.D
Acq On : 23 Mar 2022 20:48
Operator : CG/JU
Sample : N2074-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Quant Time: Mar 24 05:32:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4287	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10935	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6565	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	12801	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	9950	0.400	ng	# 0.00
35) Perylene-d12	23.784	264	7888	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	982	0.102	ng	0.00
5) Phenol-d6	7.009	99	578	0.057	ng	0.00
8) Nitrobenzene-d5	9.014	82	1593	0.202	ng	0.00
11) 2-Methylnaphthalene-d10	12.249	152	4546	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	848	0.268	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7043	0.268	ng	-0.01
27) Fluoranthene-d10	19.261	212	16074	0.423	ng	0.00
31) Terphenyl-d14	19.855	244	11160	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	16501	3.114	ng	98
6) bis(2-Chloroethyl)ether	7.269	93	378	0.032	ng	97
25) Phenanthrene	17.266	178	1091	0.027	ng	96
28) Fluoranthene	19.291	202	1280	0.027	ng	95
34) Bis(2-ethylhexyl)phtha...	21.324	149	1028	0.051	ng	# 94

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

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Data File : BN019101.D
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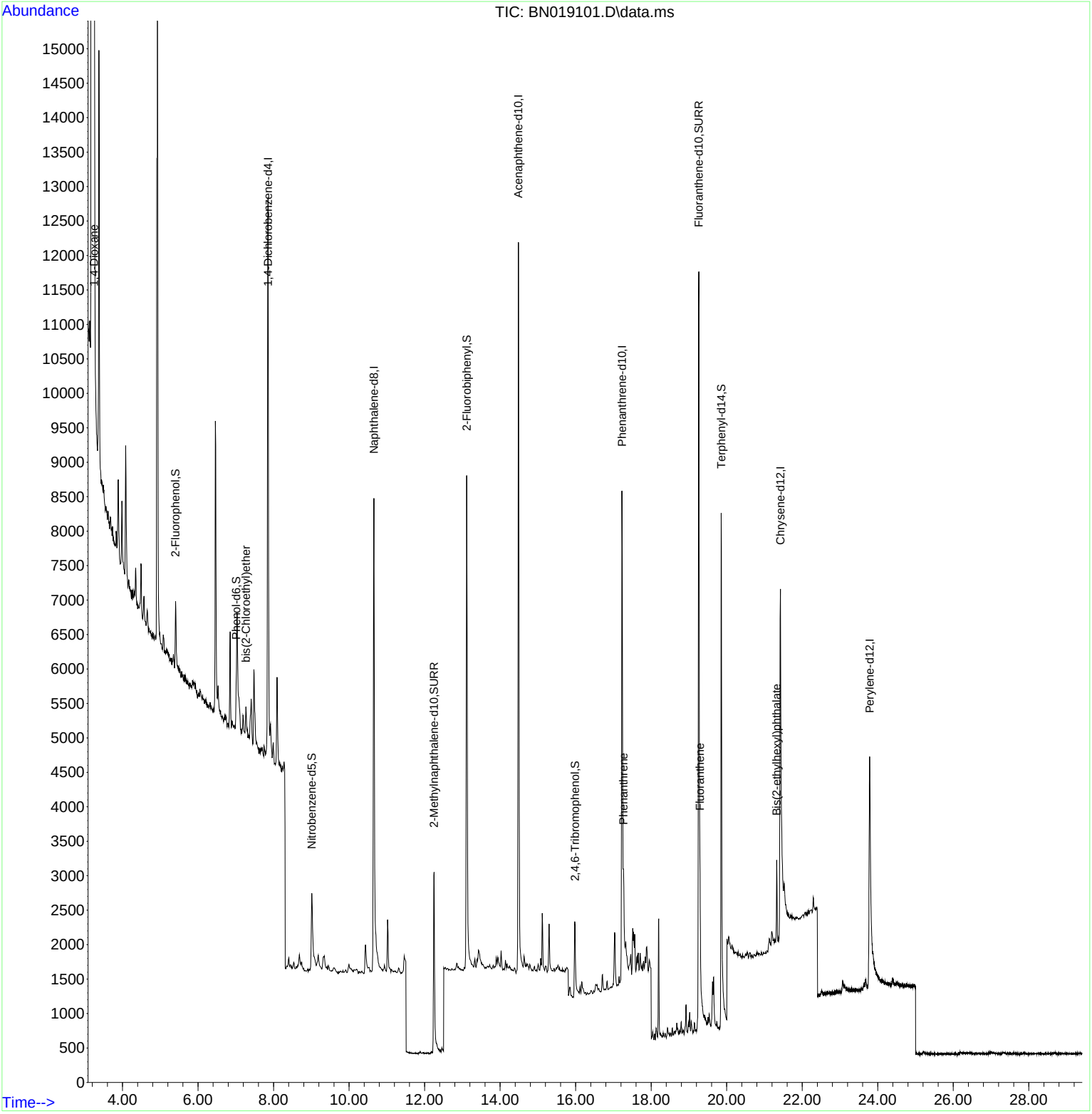
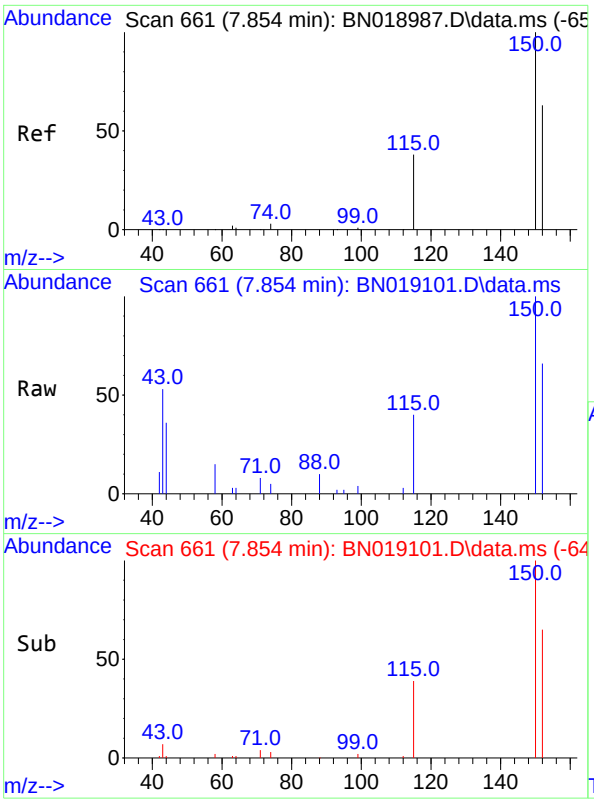


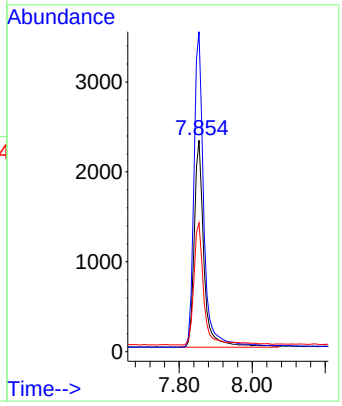


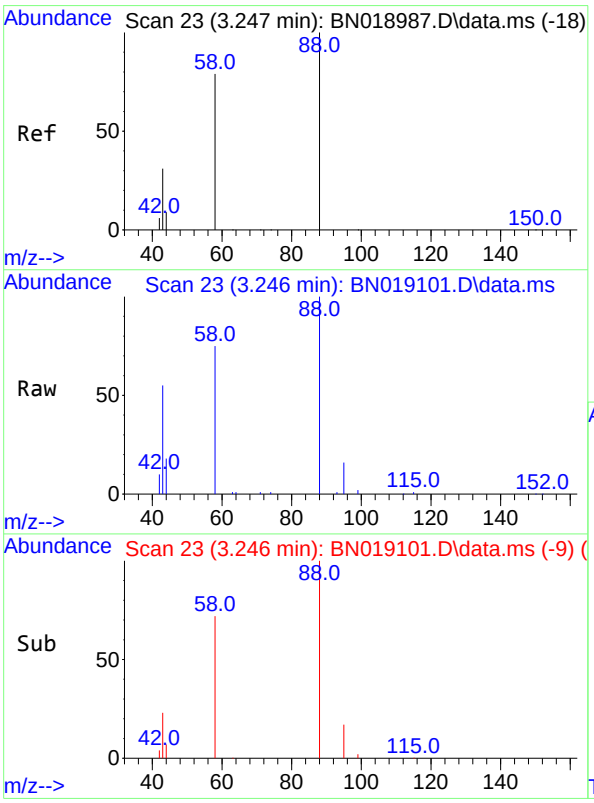
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Tgt Ion:152 Resp: 4287

Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.9	185.9
115	60.8	48.2	72.4

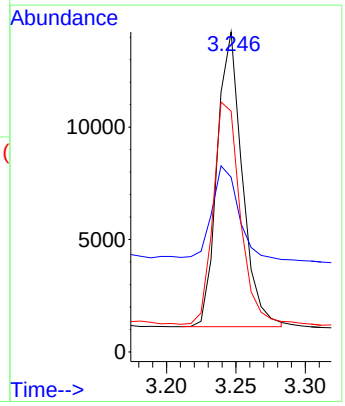


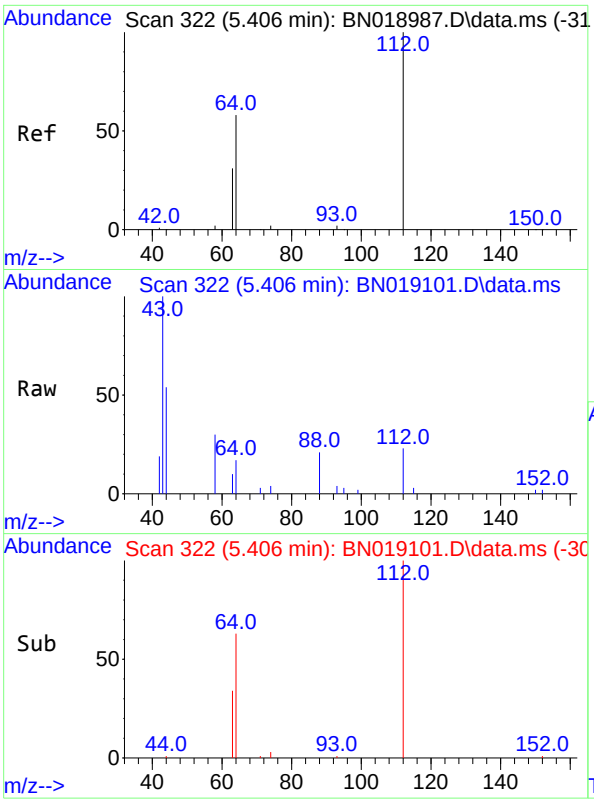


#2
1,4-Dioxane
Concen: 3.114 ng
RT: 3.246 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion: 88 Resp: 16501

Ion	Ratio	Lower	Upper
88	100		
43	33.3	24.6	37.0
58	80.4	65.4	98.2



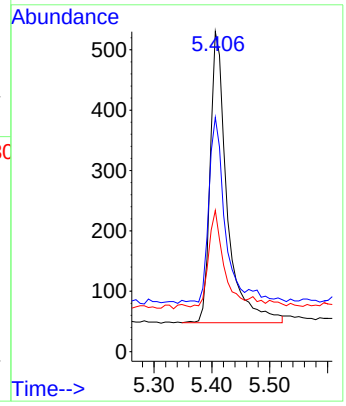


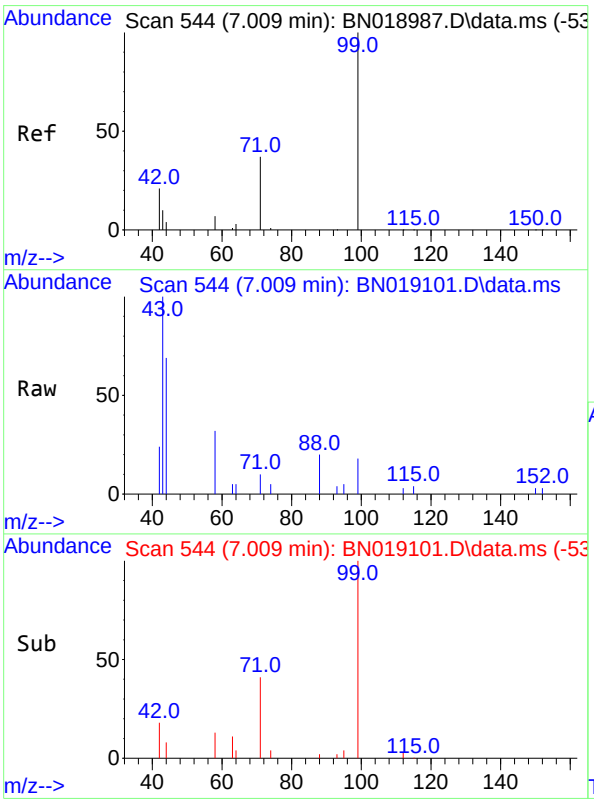
#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.406 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Tgt Ion:112 Resp: 982

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.8	71.8
63	29.2	25.7	38.5

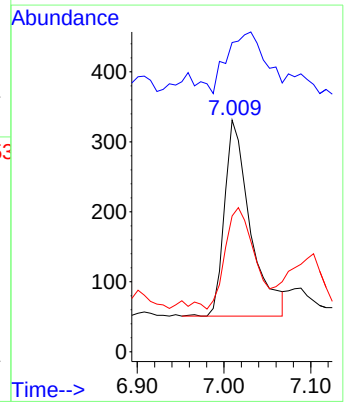


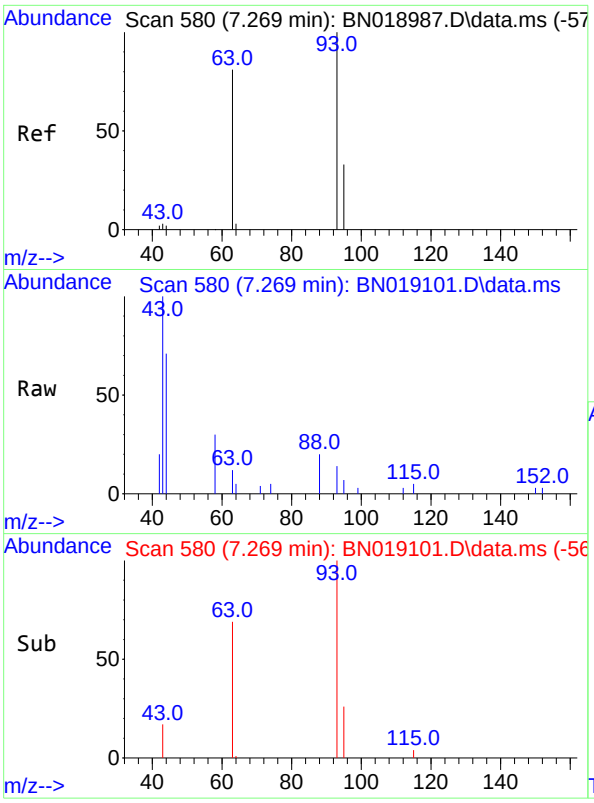


#5
Phenol-d6
Concen: 0.057 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion: 99 Resp: 578

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.2	24.4#
71	58.0	27.7	41.5#



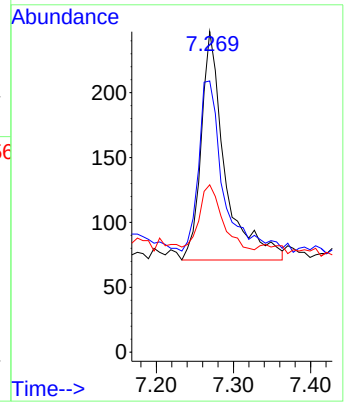


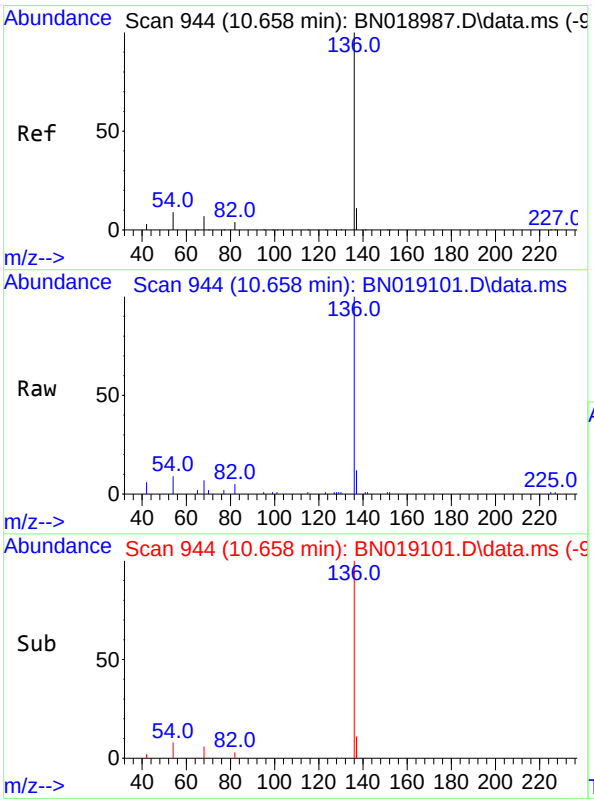
#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 7.269 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Tgt Ion: 93 Resp: 378

Ion	Ratio	Lower	Upper
93	100		
63	79.9	62.8	94.2
95	29.1	26.2	39.4

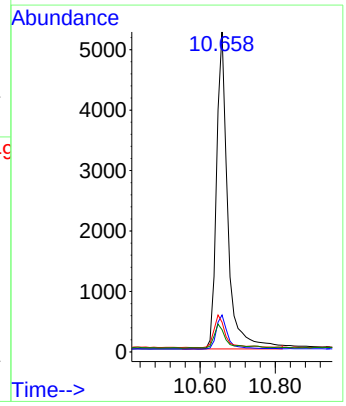


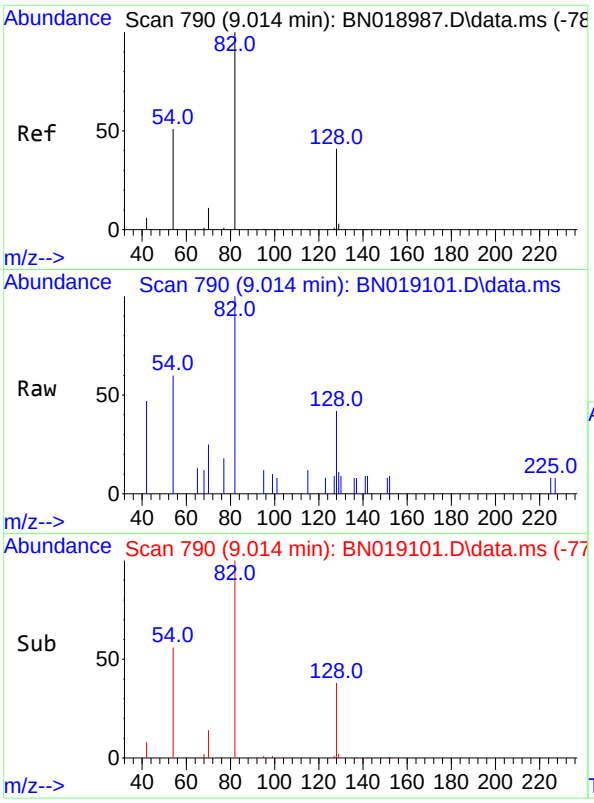


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:136 Resp: 10935

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.3	5.8	8.6#
68	7.0	4.6	7.0



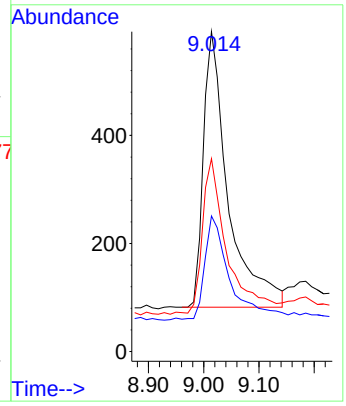


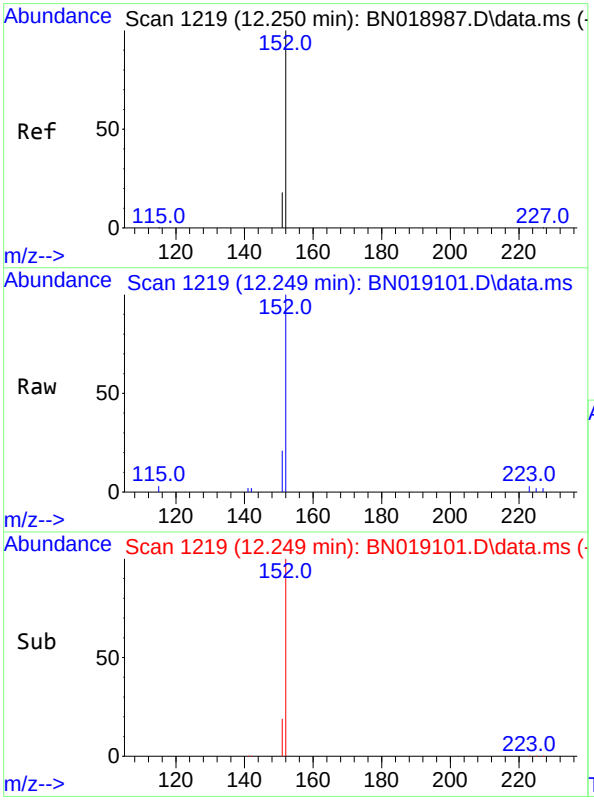
#8
Nitrobenzene-d5
Concen: 0.202 ng
RT: 9.014 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Tgt Ion: 82 Resp: 1593

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.0	49.6
54	60.3	42.5	63.7

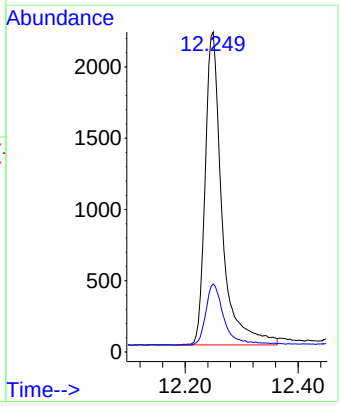


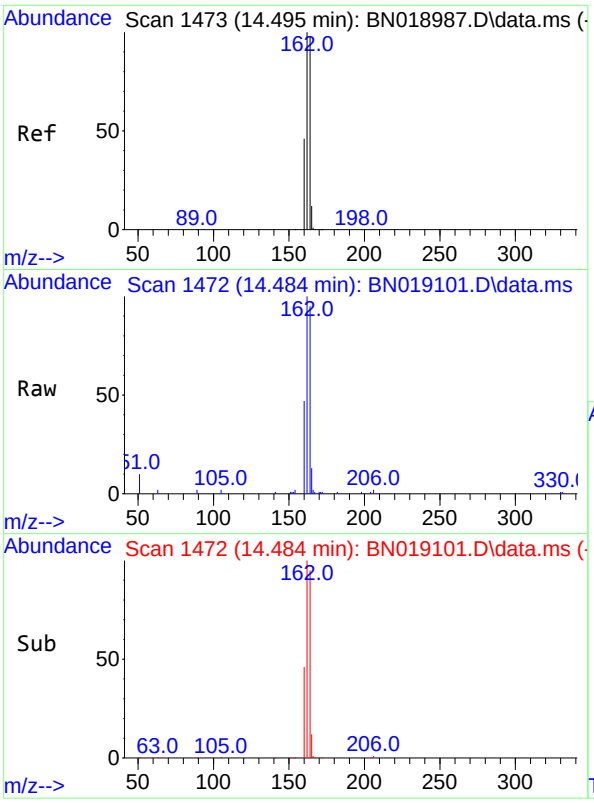


#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.249 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:152 Resp: 4546

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.5	24.7



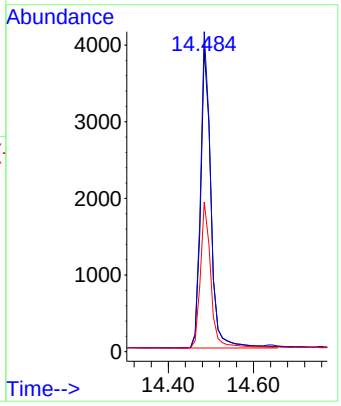


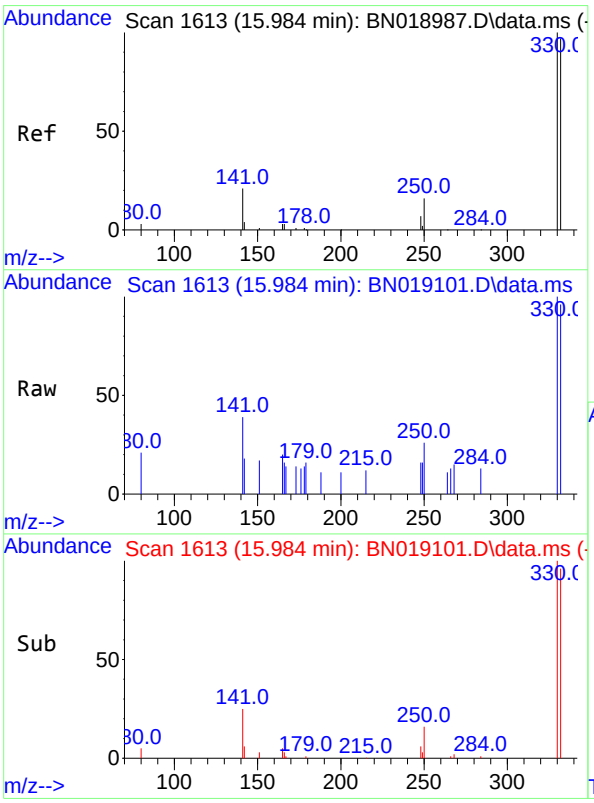
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Tgt Ion:164 Resp: 6565

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.2	127.8
160	49.4	41.5	62.3

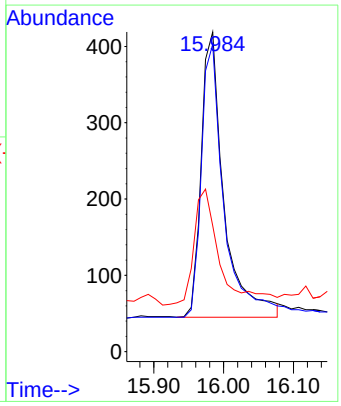


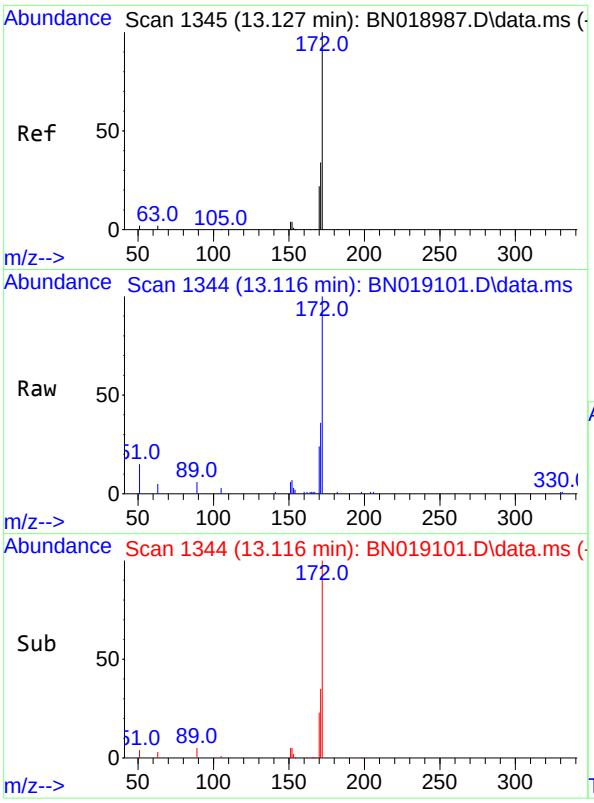


#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:330 Resp: 848

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.8	115.2
141	45.4	32.2	48.2



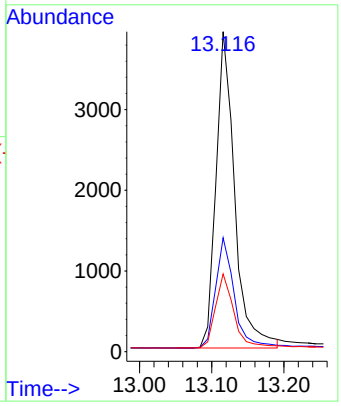


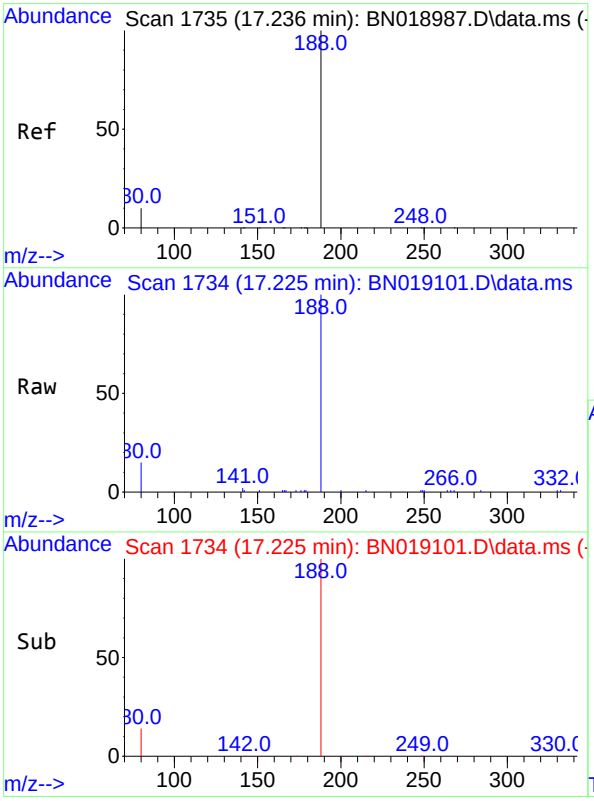
#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Tgt Ion:172 Resp: 7043

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	24.3	18.7	28.1

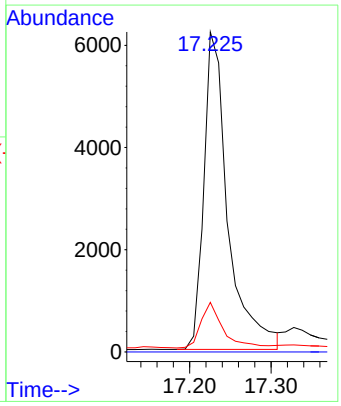


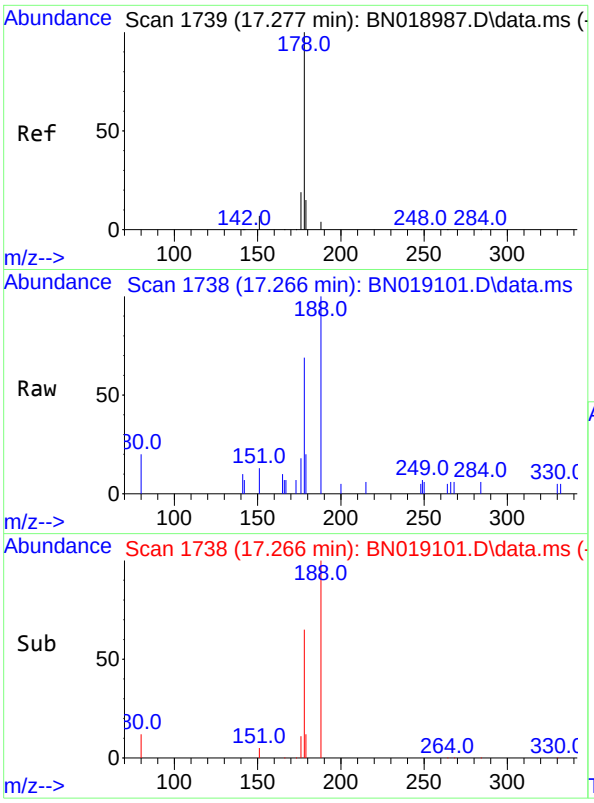


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:188 Resp: 12801

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.5	11.8	17.8



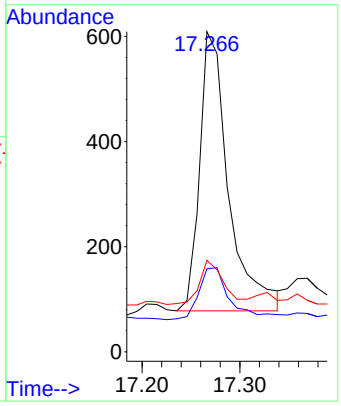


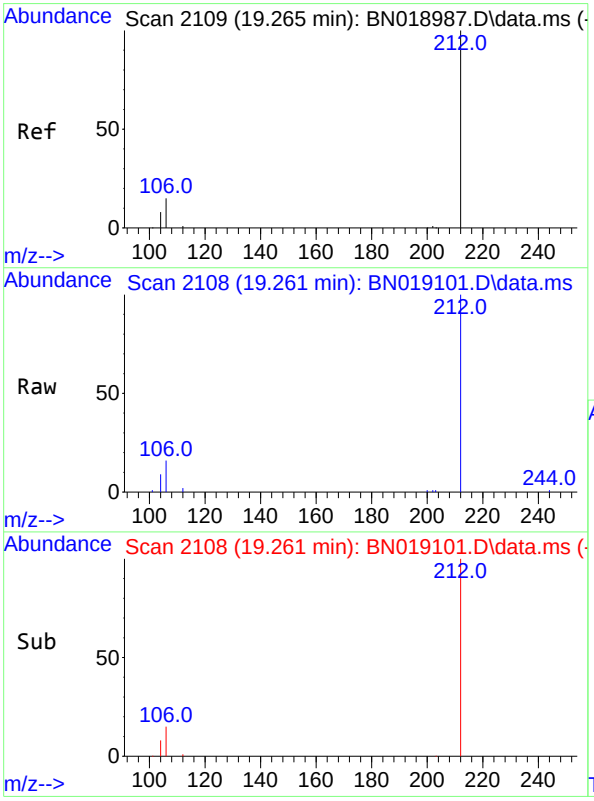
#25
Phenanthrene
Concen: 0.027 ng
RT: 17.266 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Tgt Ion:178 Resp: 1091

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.4	23.0
179	13.8	12.2	18.2

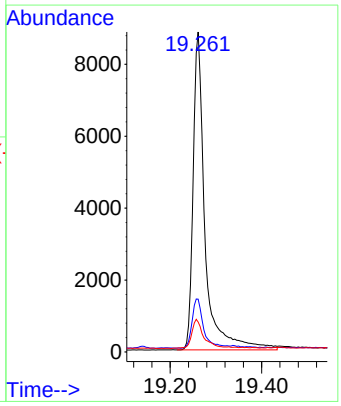


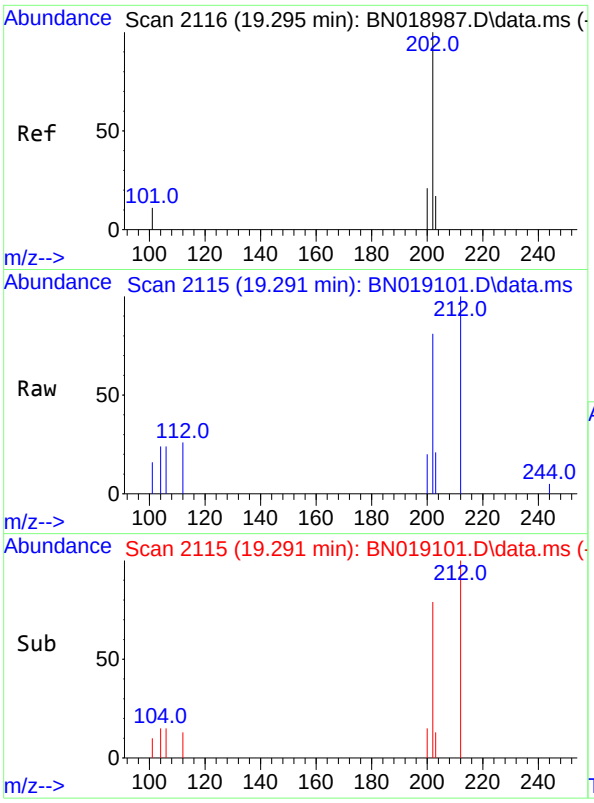


#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:212 Resp: 16074

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.7	19.1
104	9.8	7.1	10.7



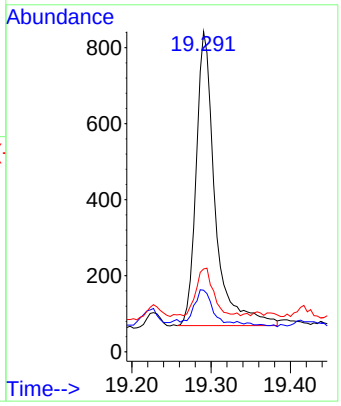


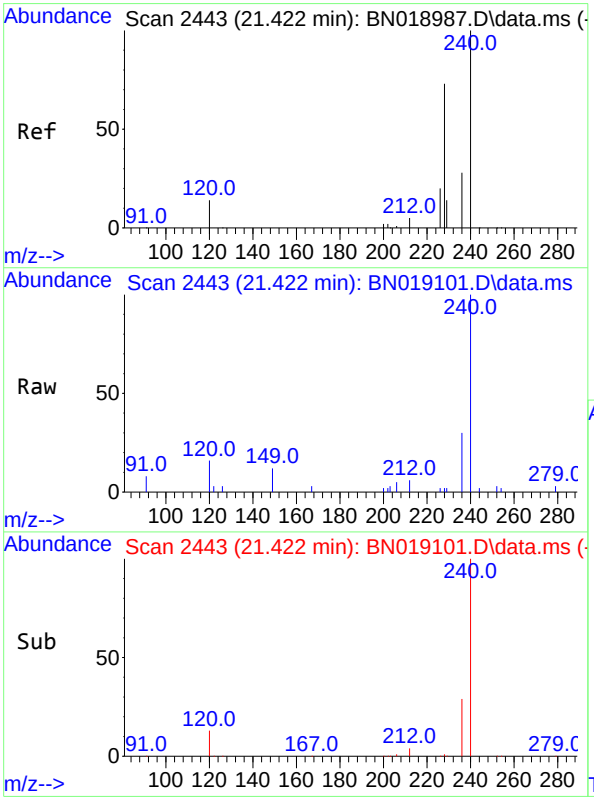
#28
Fluoranthene
Concen: 0.027 ng
RT: 19.291 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Tgt Ion:202 Resp: 1280

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.6
203	15.6	13.7	20.5

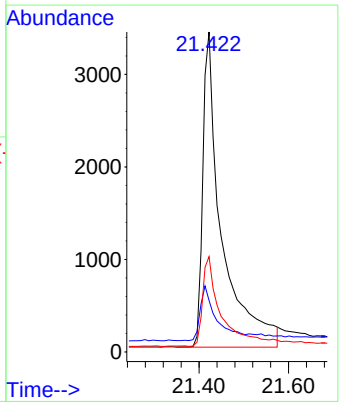


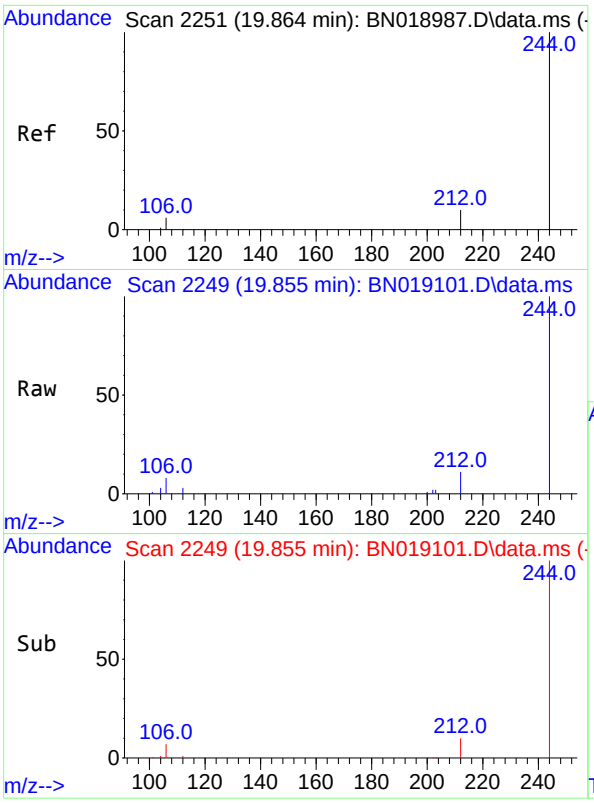


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:240 Resp: 9950

Ion	Ratio	Lower	Upper
240	100		
120	16.1	8.5	12.7#
236	29.8	22.4	33.6



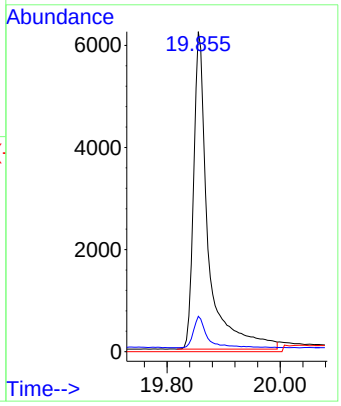


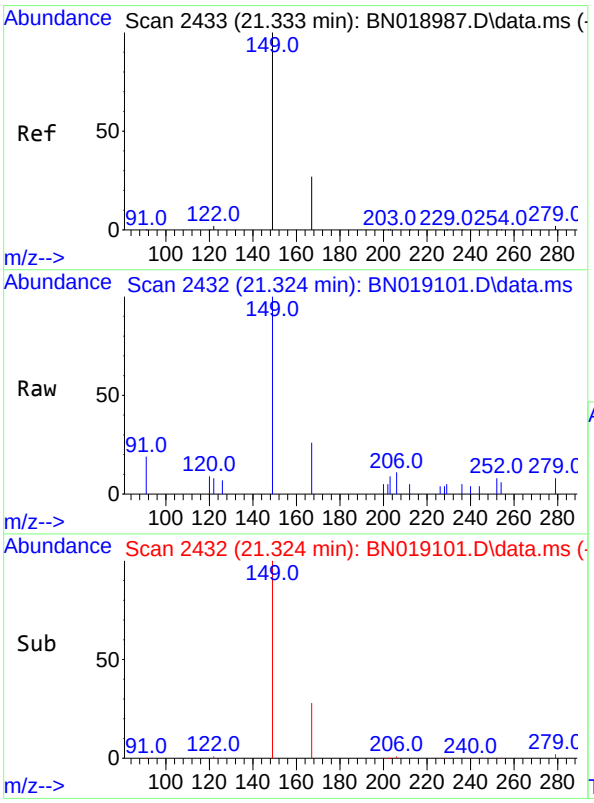
#31
Terphenyl-d14
Concen: 0.457 ng
RT: 19.855 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Tgt Ion:244 Resp: 11160

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.2	12.4
122	0.0	0.0	0.0

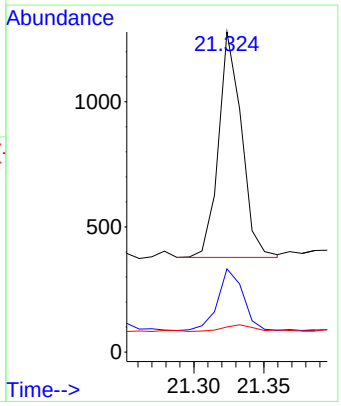


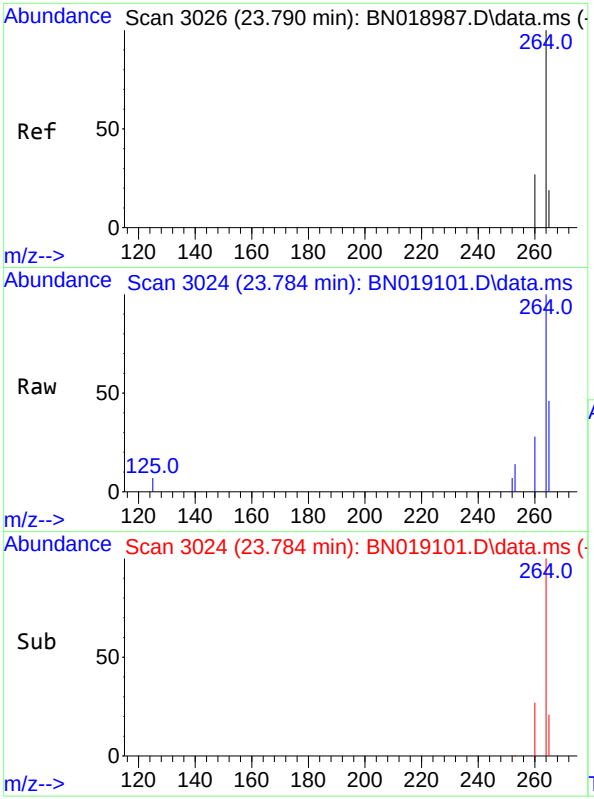


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Tgt Ion:149 Resp: 1028

Ion	Ratio	Lower	Upper
149	100		
167	30.3	21.8	32.8
279	4.5	2.0	3.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.784 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019101.D
Acq: 23 Mar 2022 20:48

Instrument :
BNA_N
ClientSampleId :
TT180D2-20220318

Tgt Ion:264 Resp: 7888

Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.4	33.6
265	45.7	25.3	37.9#