Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
Data File : BN022006.D
Acq On : 04 Oct 2022 14:23
Operator : CG/JU
Sample : N4971-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB-01-100322

Quant Time: Oct 04 23:04:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	3744	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	11401	0.400	ng	0.00
13) Acenaphthene-d10	14.657	164	6112	0.400	ng	0.00
19) Phenanthrene-d10	17.403	188	12522	0.400	ng	# 0.00
29) Chrysene-d12	21.609	240	9740	0.400	ng	# 0.00
35) Perylene-d12	24.096	264	7616	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.515	112	1292	0.149	ng	0.00
5) Phenol-d6	7.148	99	940	0.084	ng	0.00
8) Nitrobenzene-d5	9.161	82	2768	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.410	152	6226	0.297	ng	0.00
14) 2,4,6-Tribromophenol	16.150	330	603	0.259	ng	0.00
15) 2-Fluorobiphenyl	13.278	172	8279	0.310	ng	0.00
27) Fluoranthene-d10	19.445	212	12384	0.372	ng	0.00
31) Terphenyl-d14	20.041	244	8298	0.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	247	0.051	ng	# 1
9) Naphthalene	10.869	128	4531	0.132	ng	96
25) Phenanthrene	17.453	178	1768	0.041	ng	99
34) Bis(2-ethylhexyl)phtha...	21.510	149	1023	0.058	ng	# 99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
Data File : BN022006.D
Acq On : 04 Oct 2022 14:23
Operator : CG/JU
Sample : N4971-01
Misc :
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Instrument :
BNA_N
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EB-01-100322

Quant Time: Oct 04 23:04:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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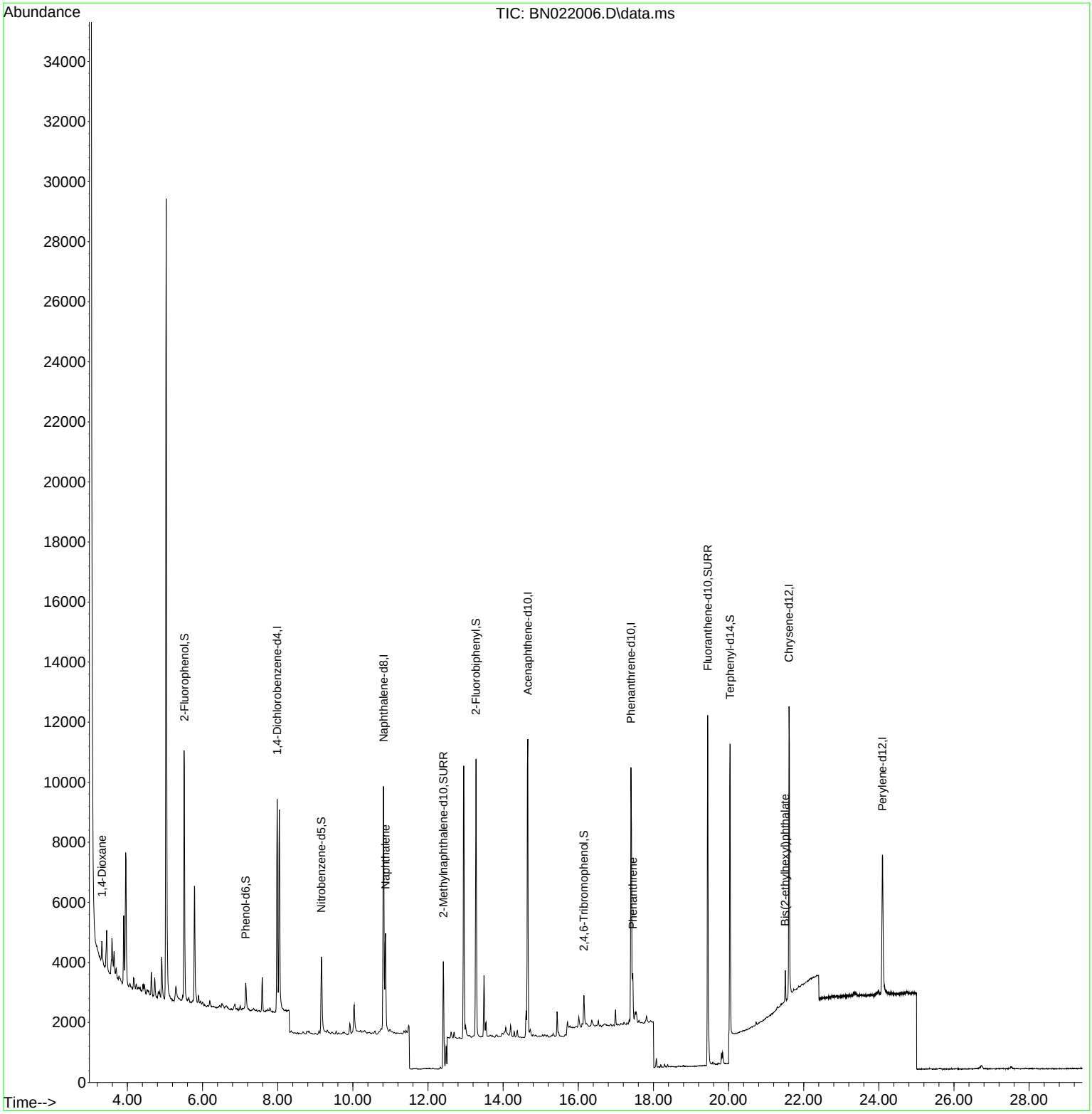
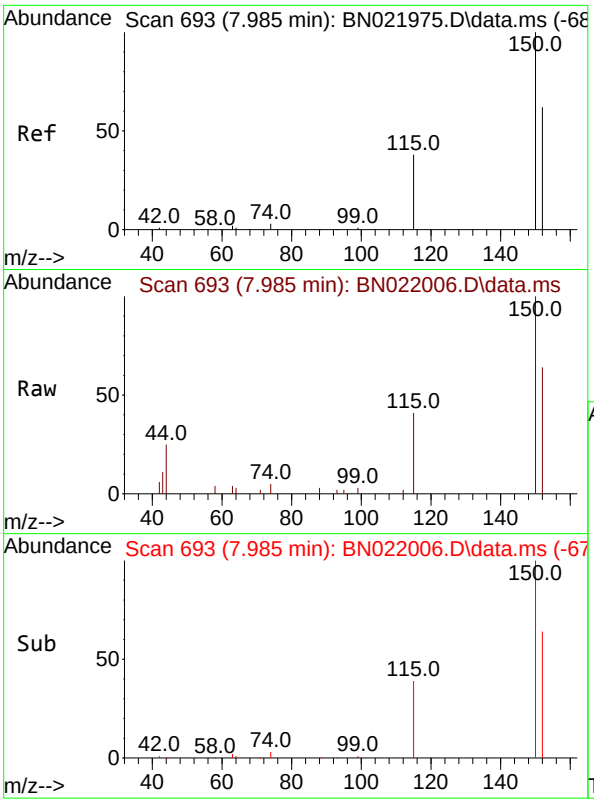


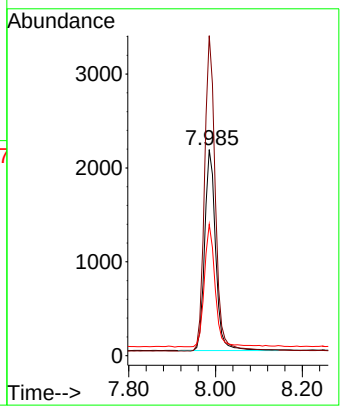


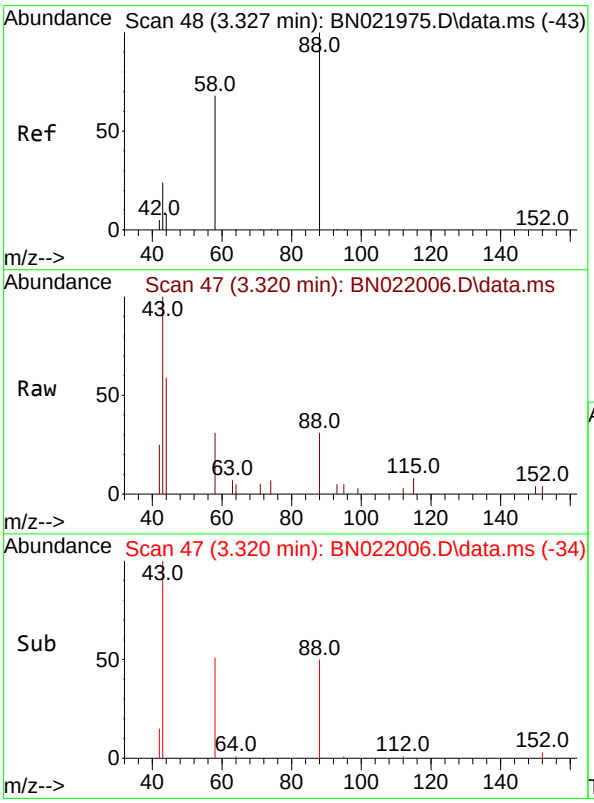
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.985 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :
EB-01-100322

Tgt Ion:152 Resp: 3744

Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.2	190.8
115	63.7	51.4	77.0

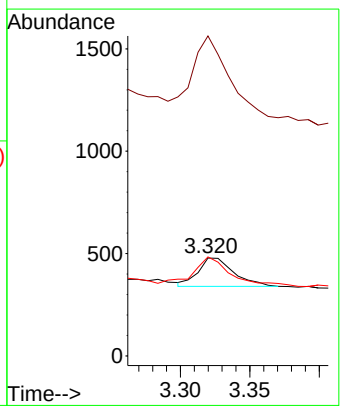


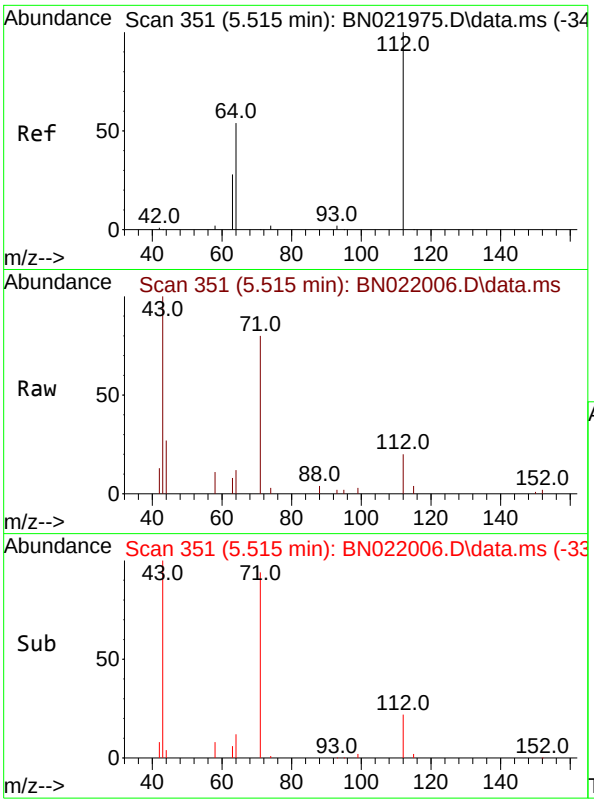


#2
1,4-Dioxane
Concen: 0.051 ng
RT: 3.320 min Scan# 47
Delta R.T. -0.007 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion: 88 Resp: 247

Ion	Ratio	Lower	Upper
88	100		
43	301.2	22.6	34.0#
58	81.8	58.6	88.0



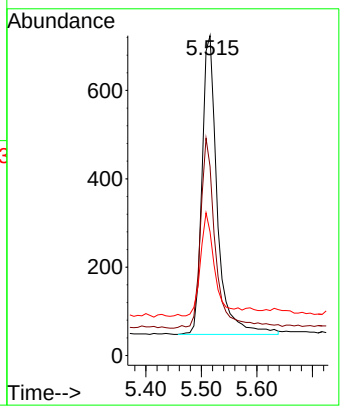


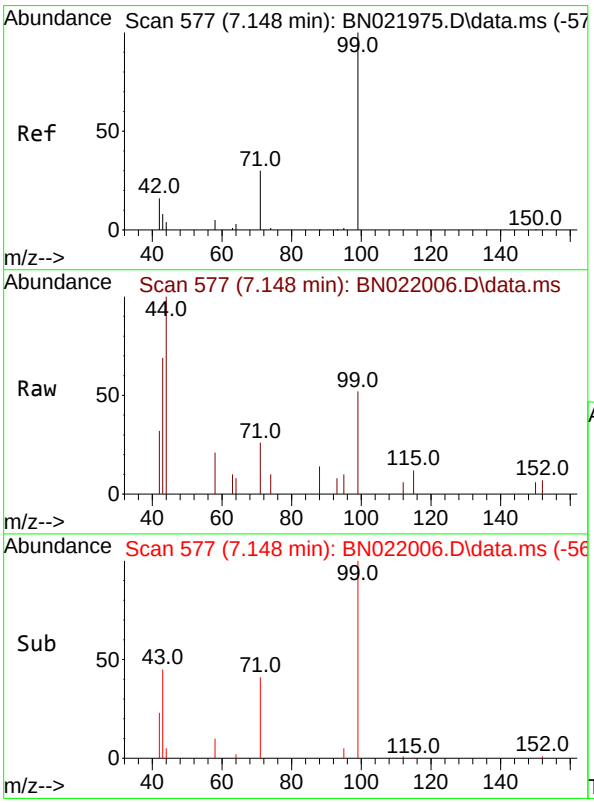
#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.515 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :
EB-01-100322

Tgt Ion:112 Resp: 1292

Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.9	70.3
63	32.4	24.6	37.0

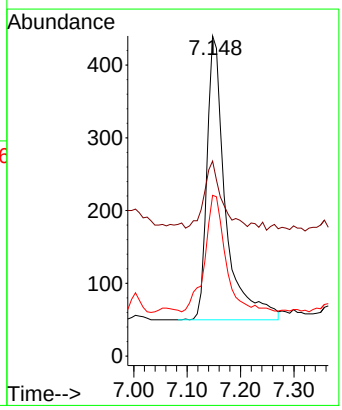


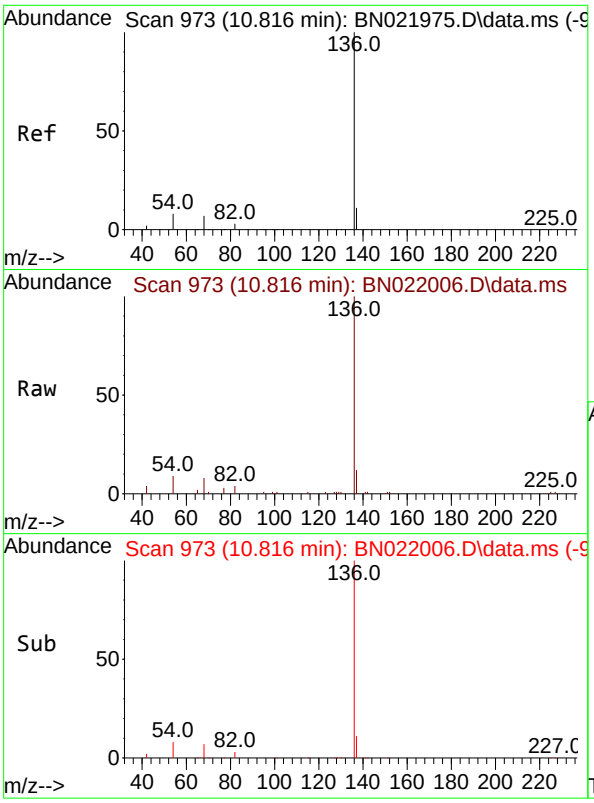


#5
Phenol-d6
Concen: 0.084 ng
RT: 7.148 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion: 99 Resp: 940

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.9	23.9
71	46.2	25.6	38.4#



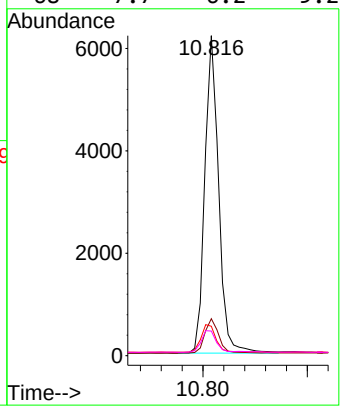


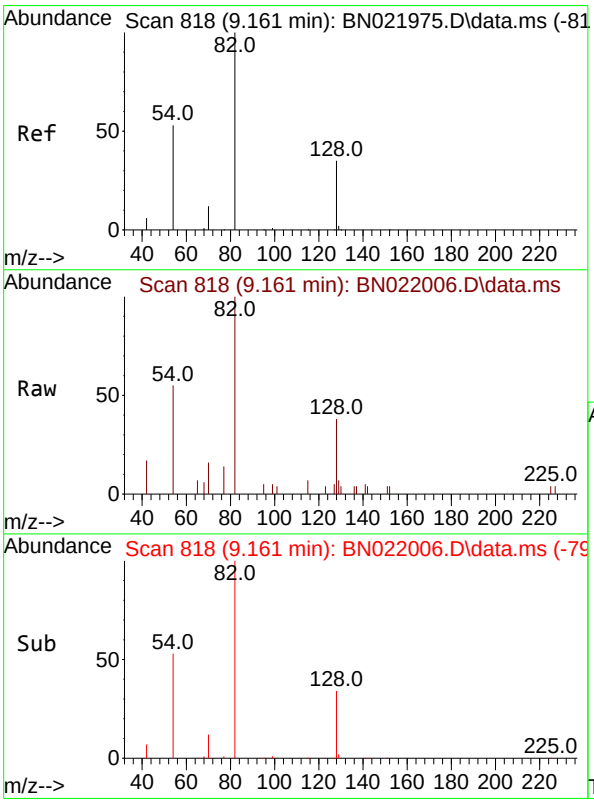
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :
EB-01-100322

Tgt Ion:136 Resp: 11401

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	9.2	7.1	10.7
68	7.7	6.2	9.2

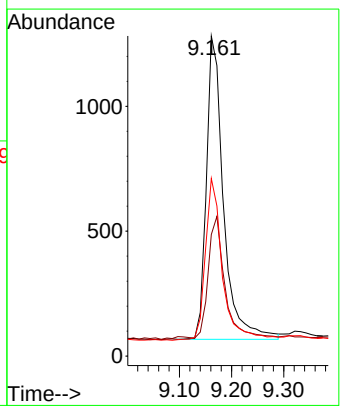


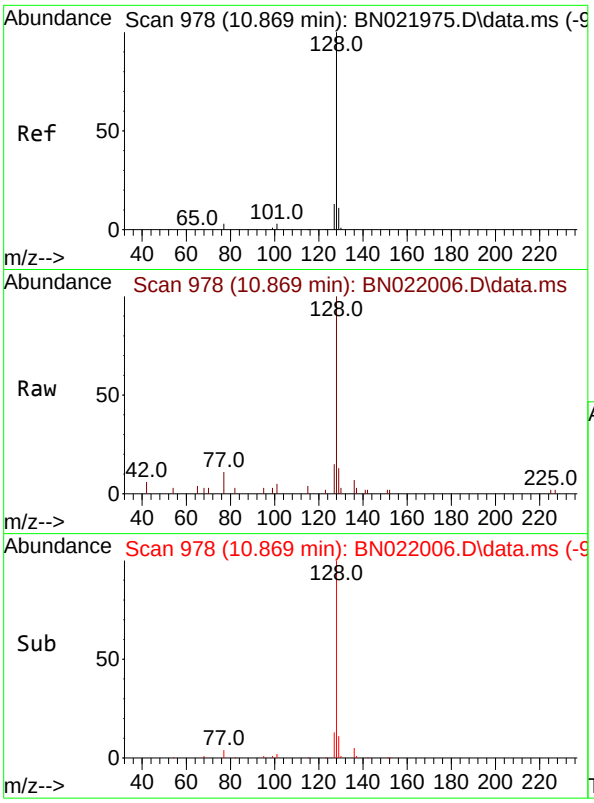


#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.161 min Scan# 818
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion: 82 Resp: 2768

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.9	44.9
54	55.5	43.5	65.3



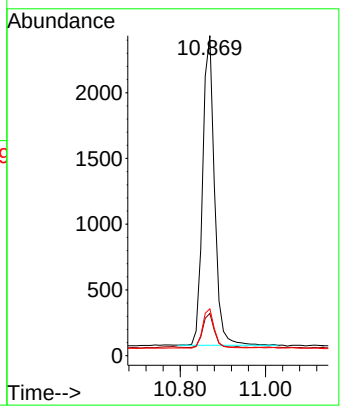


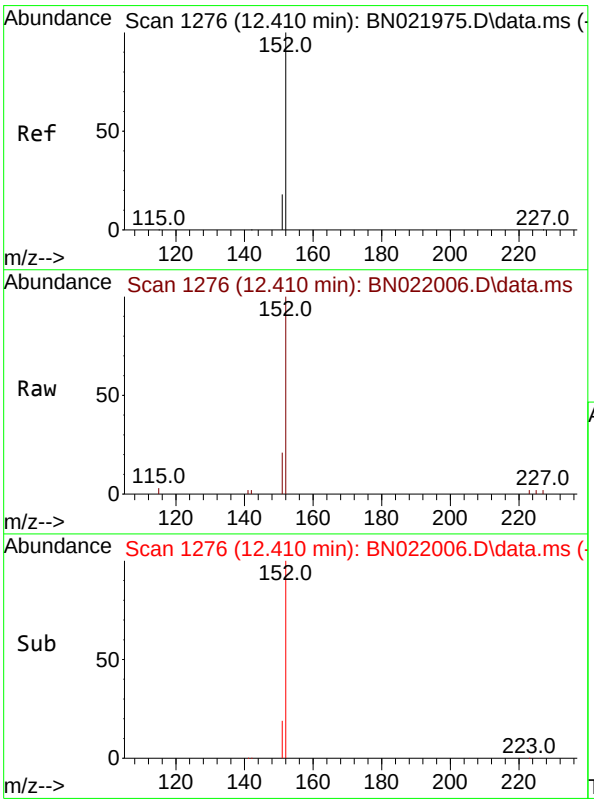
#9
Naphthalene
Concen: 0.132 ng
RT: 10.869 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :
EB-01-100322

Tgt Ion:128 Resp: 4531

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.3	13.9
127	14.7	10.6	16.0

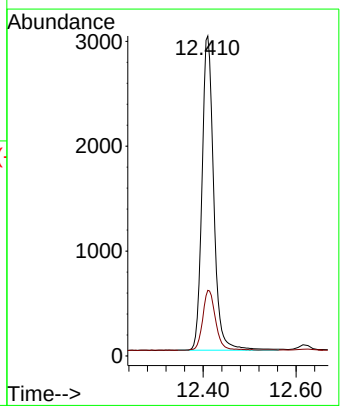


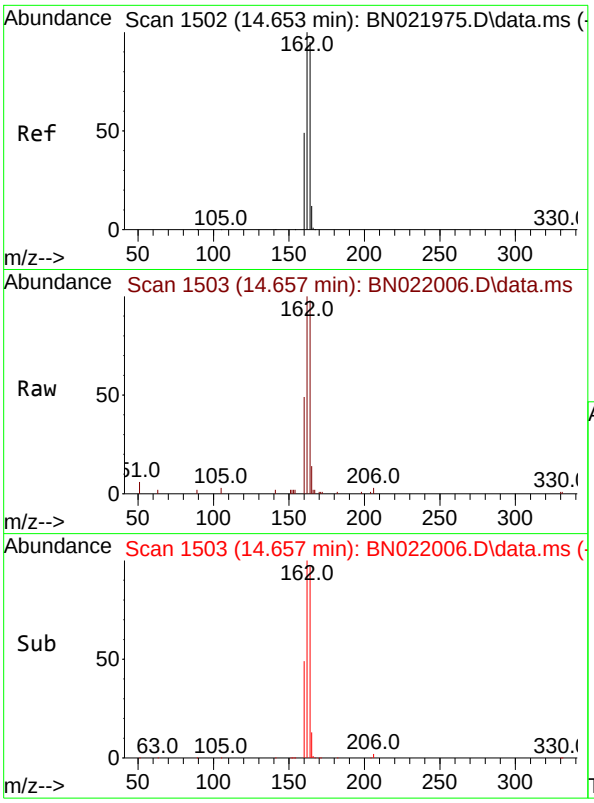


#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.410 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion:152 Resp: 6226

Ion	Ratio	Lower	Upper
152	100		
151	18.5	13.8	20.6



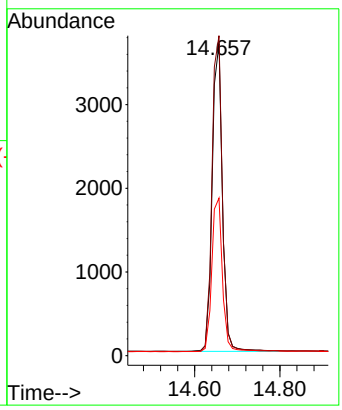


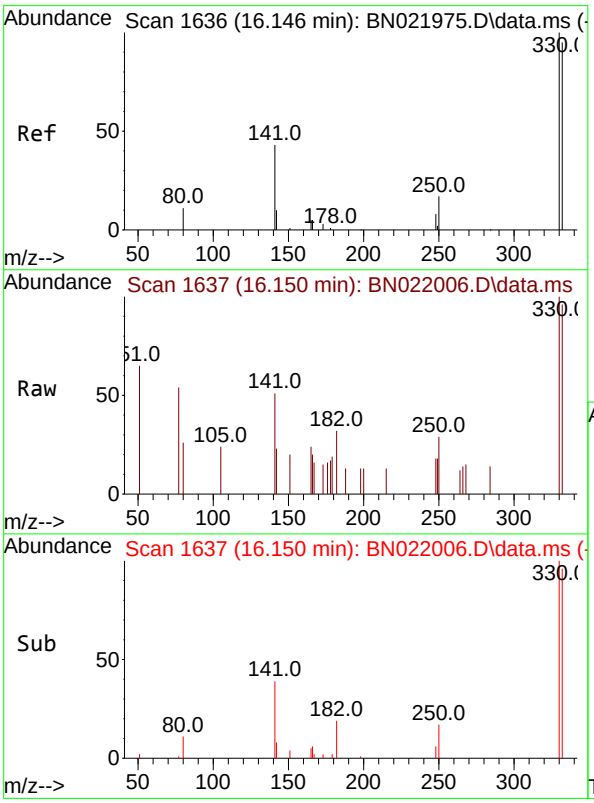
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.657 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :
EB-01-100322

Tgt Ion:164 Resp: 6112

Ion	Ratio	Lower	Upper
164	100		
162	102.5	84.3	126.5
160	50.5	41.7	62.5

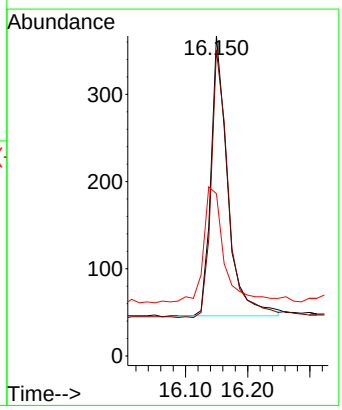


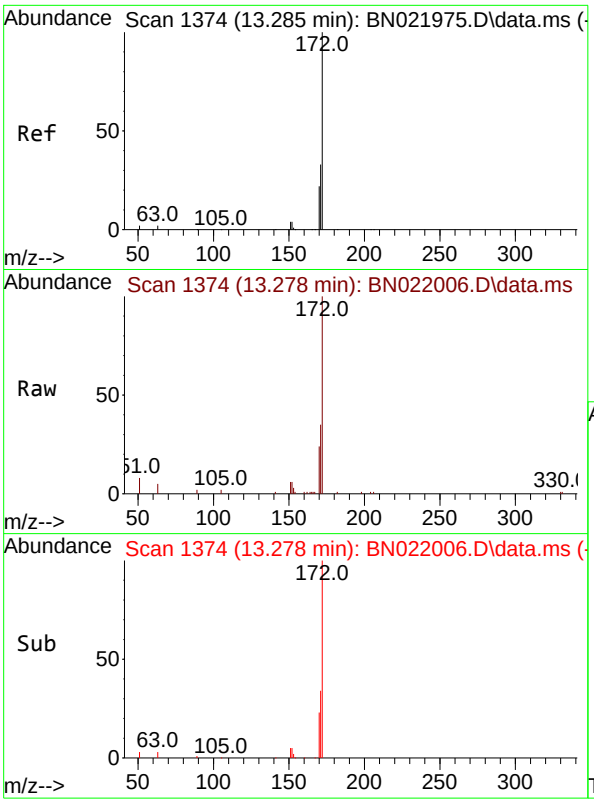


#14
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 16.150 min Scan# 1637
Delta R.T. 0.004 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion:330 Resp: 603

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.4
141	49.1	35.3	52.9



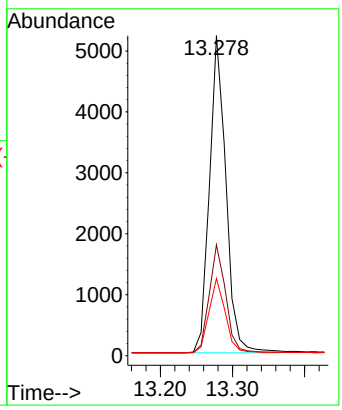


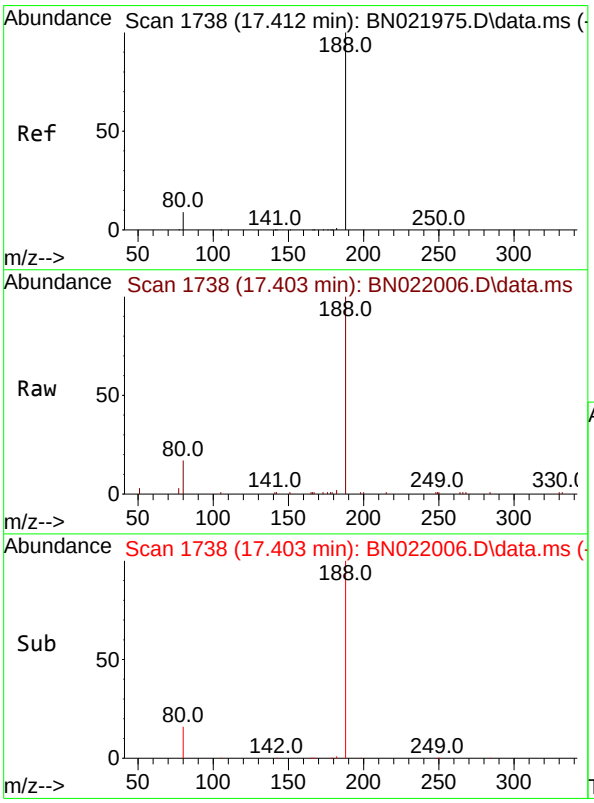
#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.278 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :
EB-01-100322

Tgt Ion:172 Resp: 8279

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.2	40.8
170	24.1	18.3	27.5

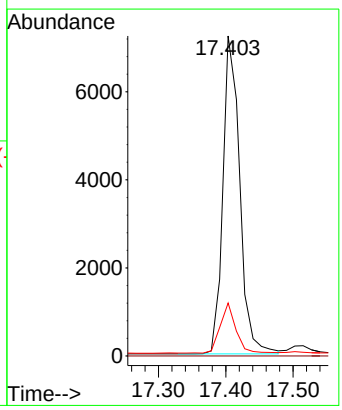


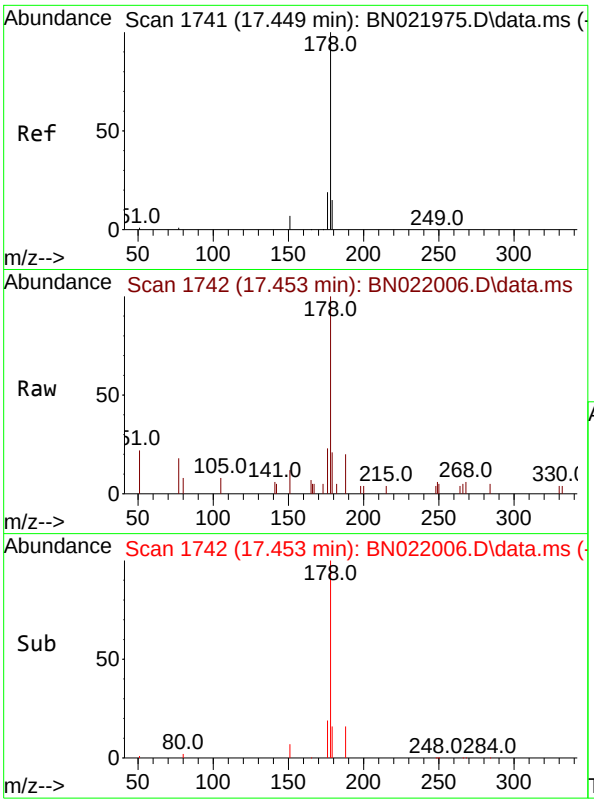


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.403 min Scan# 1738
Delta R.T. -0.009 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion:188 Resp: 12522

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.6	7.5	11.3#



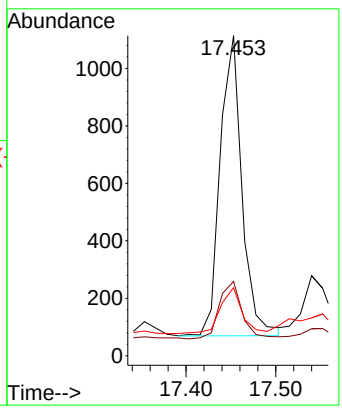


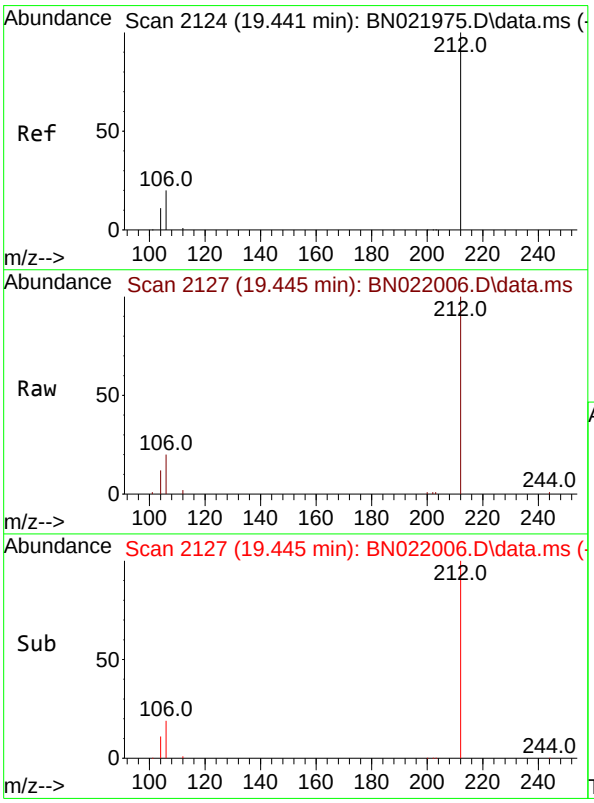
#25
Phenanthrene
Concen: 0.041 ng
RT: 17.453 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :
EB-01-100322

Tgt Ion:178 Resp: 1768

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	15.6	12.2	18.2

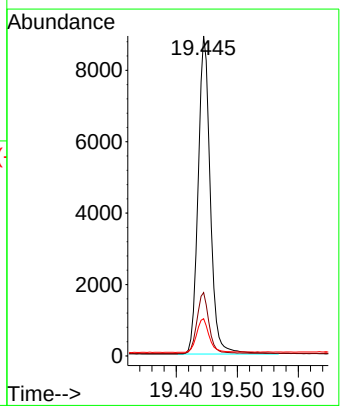


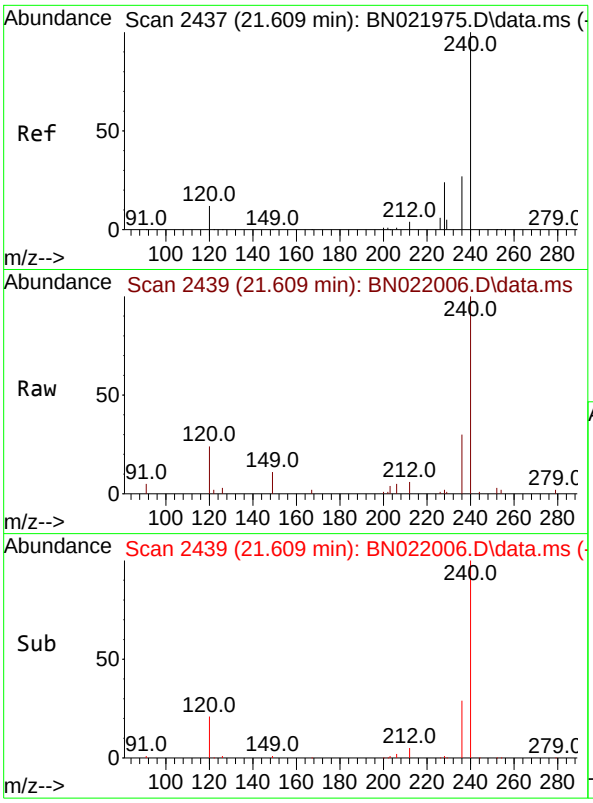


#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.445 min Scan# 2127
Delta R.T. 0.004 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion:212 Resp: 12384

Ion	Ratio	Lower	Upper
212	100		
106	19.0	15.2	22.8
104	11.1	8.6	13.0



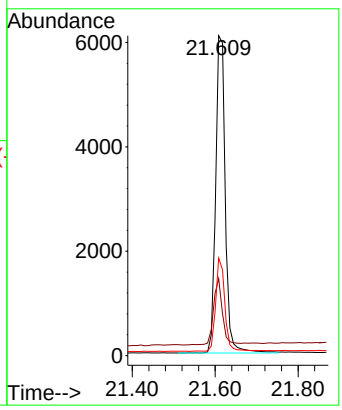


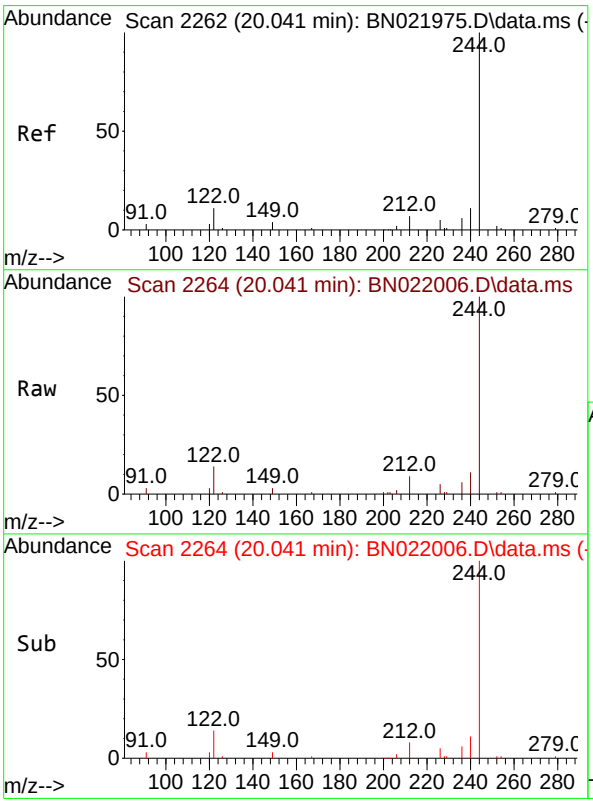
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.609 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :
EB-01-100322

Tgt Ion:240 Resp: 9740

Ion	Ratio	Lower	Upper
240	100		
120	24.1	11.8	17.6#
236	30.5	22.4	33.6

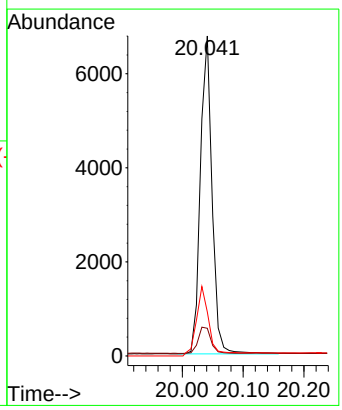


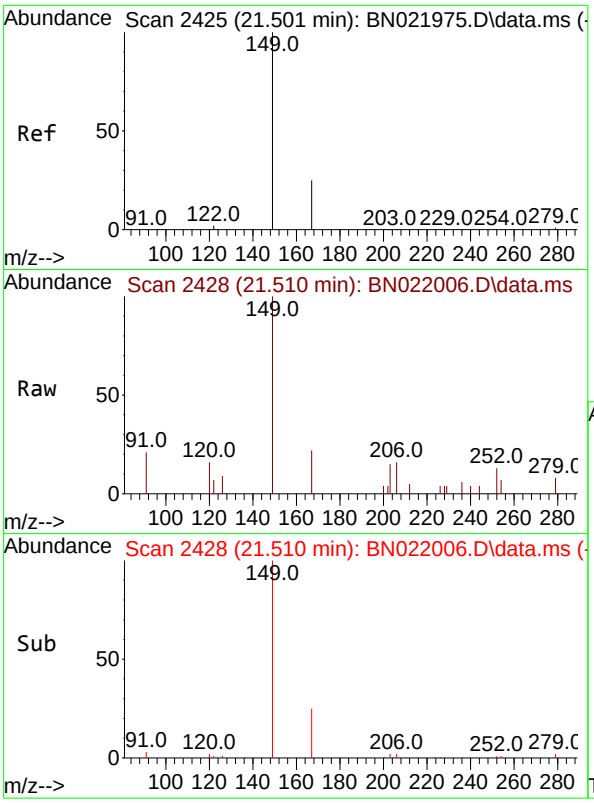


#31
Terphenyl-d14
Concen: 0.424 ng
RT: 20.041 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion:244 Resp: 8298

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	13.7	9.1	13.7#



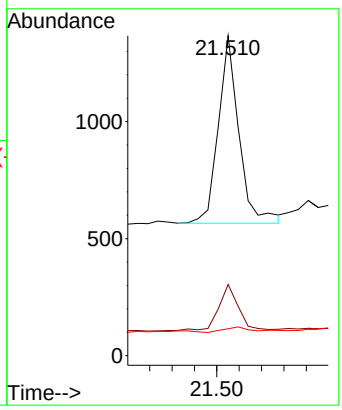


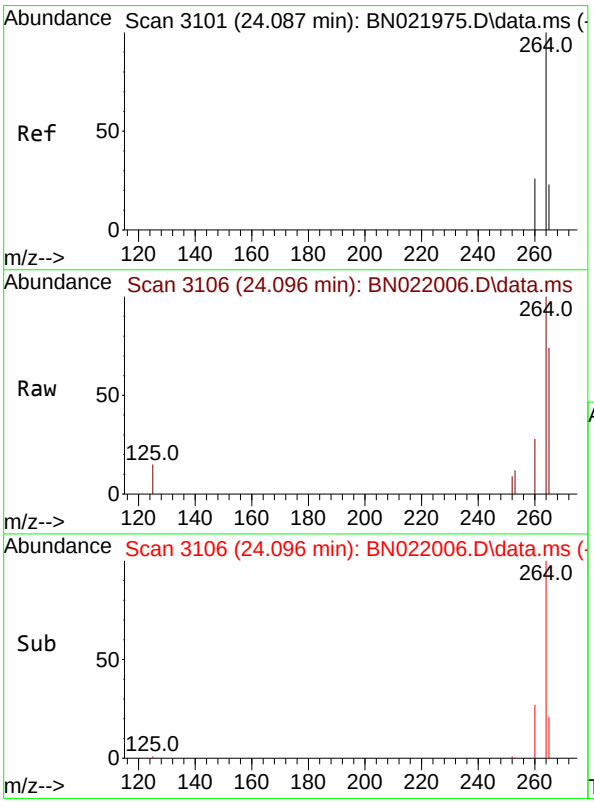
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 21.510 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :
EB-01-100322

Tgt Ion:149 Resp: 1023

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.2	30.4
279	3.6	2.3	3.5#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.096 min Scan# 3106
Delta R.T. 0.009 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion:264 Resp: 7616

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.3	31.9
265	74.3	63.0	94.4